

PLA34

**Modbus registers
FW version 2.0.0 and newer**

Modbus

The PLA34 supports following modbus functions:

03 (0x03) – Read Multiple Registers

16 (0x10) – Write Multiple Registers

Data format:

Device supports Big-Endian (high-byte before low-byte) data format.

Number formats:

TYPE	SIZE	MIN	MAX
unsigned short	16 bits	0	$2^{16}-1$
unsigned long	32 bits	0	$2^{32}-1$
float	32bits	IEE 754	IEE 754
long64	64bits	-2^{63}	$2^{63}-1$

03 (0x03) – Read Multiple Registers

Device info

Device info			
DESCRIPTION	NOTE	ADDRESS	TYPE
Device firmware version	Device firmware version Example: 0x01020304 = 1.2.3.4	36000	unsigned long
Device name [20]	Type of device in characters	36002	char
Device description [40]	User defined device description	36012	char
Dummy [68]	Dummy – For future use	36032	
Device HW version	Device hardware version Example: 0x01020304 = 1.2.3.4	36066	unsigned long
Device serial number [8]	Device serial number in characters	36068	unsigned char

Online values

Energy				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Consumed Active Energy		55000	long64	kWh
Consumed Inductive Reactive Energy		55004	long64	kvarh
Consumed Capacitive Reactive Energy		55008	long64	kvarh
Supplied Active Energy		55012	long64	kWh
Supplied Inductive Reactive Energy		55016	long64	kvarh
Supplied Capacitive Reactive Energy		55020	long64	kvarh

Formula: Energy = Received value/10

Example: Received value: 10001 → 1000,1kWh

Energy				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Consumed Active Energy		55024	float	kWh
Consumed Inductive Reactive Energy		55026	float	kvarh
Consumed Capacitive Reactive Energy		55028	float	kvarh
Supplied Active Energy		55030	float	kWh
Supplied Inductive Reactive Energy		55032	float	kvarh
Supplied Capacitive Reactive Energy		55034	float	kvarh

Measured parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage L1	U_LN_L1	40001	float	V
Voltage L2	U_LN_L2	40003	float	V
Voltage L3	U_LN_L3	40005	float	V
	NULL	40007		
Voltage L1 – L2	U_LL_L1-2	40009	float	V
Voltage L2 – L3	U_LL_L2-3	40011	float	V
Voltage L3 – L1	U_LL_L3-1	40013	float	V
	NULL	40015		
Voltage THD L1	THDU_LN_L1	40017	float	%
Voltage THD L2	THDU_LN_L2	40019	float	%
Voltage THD L3	THDU_LN_L3	40021	float	%
	THDU_LN_L4	40023	float	%
Voltage THD L1 – L2	THDU_LL_L1-2	40025	float	%
Voltage THD L2 – L3	THDU_LL_L2-3	40027	float	%
Voltage THD L3 – L1	THDU_LL_L3-1	40029	float	%
	NULL	40031		
Current L1	PROUD_L1	40033	float	A
Current L2	PROUD_L2	40035	float	A
Current L3	PROUD_L3	40037	float	A
Current L4	PROUD_L4	40039	float	A
Current THD L1	THDI_L1	40041	float	%
Current THD L2	THDI_L2	40043	float	%
Current THD L3	THDI_L3	40045	float	%
Current THD L4	THDI_L4	40047	float	%
Cosφ L1	COS_FI_L1	40049	float	
Cosφ L2	COS_FI_L2	40051	float	
Cosφ L3	COS_FI_L3	40053	float	
	NULL	40055		
Power factor L1	POWERFACTOR_L1	40057	float	
Power factor L2	POWERFACTOR_L2	40059	float	
Power factor L3	POWERFACTOR_L3	40061	float	
	NULL	40063	float	
Power factor L1..L3	POWERFACTOR_SUMA_3F	40065	float	
	NULL	40067		
	NULL	40069		
	NULL	40071		
	NULL	40073		
	NULL	40075		
	NULL	40077		
	NULL	40079		
Frequency 10s	FREQUENCY	40081	float	Hz
	NULL	40083		
	NULL	40085		
	NULL	40087		
Apparent power L1	S_L1	40089	float	VA
Apparent power L2	S_L2	40091	float	VA
Apparent power L3	S_L3	40093	float	VA
	NULL	40095		
Active power L1	P_P1	40097	float	W
Active power L2	P_P2	40099	float	W
Active power L3	P_P3	40101	float	W
	NULL	40103		
Reactive power L1 consumption	Q_CONSUMPTION_L1	40105	float	var
Reactive power L2 consumption	Q_CONSUMPTION_L2	40107	float	var
Reactive power L3 consumption	Q_CONSUMPTION_L3	40109	float	var
	NULL	40111		
Reactive power L1 supply	Q_DISTRIBUTION_L1	40113	float	var
Reactive power L2 supply	Q_DISTRIBUTION_L2	40115	float	var
Reactive power L3 supply	Q_DISTRIBUTION_L3	40117	float	var
	NULL	40119		
Active power L1..L3	SUMA_3F_P	40121	float	W
	NULL	40123		
	NULL	40125		
	NULL	40127		
Apparent power L1..L3	SUMA_3F_S	40129	float	VA
	NULL	40131		
	NULL	40133		
	NULL	40135		
Reactive power L1..L3 consumption	SUMA_3F_Q_CONSUMPTION	40137	float	var
	NULL	40139		

Measured parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
	NULL	40141		
	NULL	40143		
Reactive power L1..L3 supply	SUMA_3F_Q_DISTRIBUTION	40145	float	var
	NULL	40147		
	NULL	40149		
	NULL	40151		
	NULL	40153		
	NULL	40155		
	NULL	40157		
	NULL	40159		
	NULL	40161		
	NULL	40163		
	NULL	40165		
	NULL	40167		
	NULL	40169		
	NULL	40171		
	NULL	40173		
	NULL	40175		
	NULL	40177		
	NULL	40179		
	NULL	40181		
	NULL	40183		
Under-deviation L1	UNDERDEVIATION_LN_L1	40185	float	V
Under-deviation L2	UNDERDEVIATION_LN_L2	40187	float	V
Under-deviation L3	UNDERDEVIATION_LN_L3	40189	float	V
	NULL	40191		
Over-deviation L1	OVERDEVIATION_LN_L1	40193	float	V
Over-deviation L2	OVERDEVIATION_LN_L2	40195	float	V
Over-deviation L3	OVERDEVIATION_LN_L3	40197	float	V
	NULL	40199		
Under-deviation L1 – L2	UNDERDEVIATION_LL_L1-2	40201	float	V
Under-deviation L2 – L3	UNDERDEVIATION_LL_L2-3	40203	float	V
Under-deviation L3 – L1	UNDERDEVIATION_LL_L3-1	40205	float	V
	NULL	40207		
Over-deviation L1 – L2	OVERDEVIATION_LL_L1-2	40209	float	V
Over-deviation L2 – L3	OVERDEVIATION_LL_L2-3	40211	float	V
Over-deviation L3 – L1	OVERDEVIATION_LL_L3-1	40213	float	V
	NULL	40215		
Unbalance voltage L1	UNBALANCE_LN_L1	40217	float	%
Unbalance voltage L2	UNBALANCE_LN_L2	40219	float	%
Unbalance voltage L3	UNBALANCE_LN_L3	40221	float	%
	NULL	40223		
Unbalance current L1	UNBALANCE_I_L1	40225	float	%
Unbalance current L2	UNBALANCE_I_L2	40227	float	%
Unbalance current L3	UNBALANCE_I_L3	40229	float	%
Unbalance current L4	UNBALANCE_I_L4	40231	float	%
Ripple control L1	RIPPLE_CONTROL_L1	40233	float	V
Ripple control L2	RIPPLE_CONTROL_L2	40235	float	V
Ripple control L3	RIPPLE_CONTROL_L3	40237	float	V
	NULL	40239		
Short flicker L1	SHORT_FLICKER_L1	40241	float	
Short flicker L2	SHORT_FLICKER_L2	40243	float	
Short flicker L3	SHORT_FLICKER_L3	40245	float	
	NULL	40247		
Long flicker L1	LONG_FLICKER_L1	40249	float	
Long flicker L2	LONG_FLICKER_L2	40251	float	
Long flicker L3	LONG_FLICKER_L3	40253	float	
	NULL	40255		
	NULL	40257		
	NULL	40259		
	NULL	40261		
	NULL	40263		
	NULL	40265		
	NULL	40267		
	NULL	40269		
	NULL	40271		
	NULL	40273		
	NULL	40275		
	NULL	40277		
	NULL	40279		

Measured parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
K-factor L1	K_FACTOR_L1	40281	float	
K-factor L2	K_FACTOR_L2	40283	float	
K-factor L3	K_FACTOR_L3	40285	float	
	NULL	40287		
Distortion power L1	DISTORTION_POWER_L1	40289	float	VA
Distortion power L2	DISTORTION_POWER_L2	40291	float	VA
Distortion power L3	DISTORTION_POWER_L3	40293	float	VA
	NULL	40295		
Temperature	TEMPERATURE	40297	float	°C
	NULL	40299		
	NULL	40301		
	NULL	40303		
Angle voltage L1	ANGLE_U_L1	40305	float	°
Angle voltage L2	ANGLE_U_L2	40307	float	°
Angle voltage L3	ANGLE_U_L3	40309	float	°
	NULL	40311		
Angle current L1	ANGLE_I_L1	40313	float	°
Angle current L2	ANGLE_I_L2	40315	float	°
Angle current L3	ANGLE_I_L3	40317	float	°
	NULL	40319		
Cosφ L1 consumption	COS_FI_CONSUMPTION_L1	40321	float	
Cosφ L2 consumption	COS_FI_CONSUMPTION_L2	40323	float	
Cosφ L3 consumption	COS_FI_CONSUMPTION_L3	40325	float	
	NULL	40327		
Cosφ L1 supply	COS_FI_DISTRIBUTION_L1	40329	float	
Cosφ L2 supply	COS_FI_DISTRIBUTION_L2	40331	float	
Cosφ L3 supply	COS_FI_DISTRIBUTION_L3	40333	float	
	NULL	40335		
Power factor L1 consumption	POWERFACTOR_CONSUMPTION_L1	40337	float	
Power factor L2 consumption	POWERFACTOR_CONSUMPTION_L2	40339	float	
Power factor L3 consumption	POWERFACTOR_CONSUMPTION_L3	40341	float	
	NULL	40343		
Power factor L1 supply	POWERFACTOR_DISTRIBUTION_L1	40345	float	
Power factor L2 supply	POWERFACTOR_DISTRIBUTION_L2	40347	float	
Power factor L3 supply	POWERFACTOR_DISTRIBUTION_L3	40349	float	
	NULL	40351		
	NULL	40353		
	NULL	40355		
	NULL	40357		
	NULL	40359		
	NULL	40361		
	NULL	40363		
	NULL	40365		
	NULL	40367		
Power factor L1..L3 supply	POWERFACTOR_SUMA_3F_DISTRIBUTION	40369	float	
	NULL	40371		
	NULL	40373		
	NULL	40375		
Power factor L1..L3 consumption	POWERFACTOR_SUMA_3F_CONSUMPTION	40377	float	
	NULL	40379		
	NULL	40381		
	NULL	40383		
Active power L1 consumption	P_CONSUMPTION_L1	40385	float	W
Active power L2 consumption	P_CONSUMPTION_L2	40387	float	W
Active power L3 consumption	P_CONSUMPTION_L3	40389	float	W
	NULL	40391		
Active power L1 supply	P_DISTRIBUTION_L1	40393	float	W
Active power L2 supply	P_DISTRIBUTION_L2	40395	float	W
Active power L3 supply	P_DISTRIBUTION_L3	40397	float	W
	NULL	40399		
Active power L1..L3 consumption	SUMA_3F_P_CONSUMPTION	40401	float	W
	NULL	40403		
	NULL	40405		
	NULL	40407		
Active power L1..L3 supply	SUMA_3F_P_DISTRIBUTION	40409	float	W
	NULL	40411		
	NULL	40413		
	NULL	40415		
	NULL	40417		
	NULL	40419		

Measured parameters				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Frequency 200ms	NULL	40421		
	NULL	40423		
	NULL	40425		
	FREQUENCY_200MS	40433	float	Hz

Voltage harmonics					
DESCRIPTION		NAME	ADDRESS	TYPE	UNIT
Voltage 1.harmonic L1		HARM_U1_L1	40481	float	%
Voltage 1.harmonic L2		HARM_U1_L2	40483	float	%
Voltage 1.harmonic L3		HARM_U1_L3	40485	float	%
		NULL	40487	float	%
Voltage 2.harmonic L1		HARM_U2_L1	40489	float	%
Voltage 2.harmonic L2		HARM_U2_L2	40491	float	%
Voltage 2.harmonic L3		HARM_U2_L3	40493	float	%
		NULL	40495	float	%
Voltage 3.harmonic L1		HARM_U3_L1	40497	float	%
Voltage 3.harmonic L2		HARM_U3_L2	40499	float	%
Voltage 3.harmonic L3		HARM_U3_L3	40501	float	%
		NULL	40503	float	%
Voltage 4.harmonic L1		HARM_U4_L1	40505	float	%
Voltage 4.harmonic L2		HARM_U4_L2	40507	float	%
Voltage 4.harmonic L3		HARM_U4_L3	40509	float	%
		NULL	40511	float	%
Voltage 5.harmonic L1		HARM_U5_L1	40513	float	%
Voltage 5.harmonic L2		HARM_U5_L2	40515	float	%
Voltage 5.harmonic L3		HARM_U5_L3	40517	float	%
		NULL	40519	float	%
Voltage 6.harmonic L1		HARM_U6_L1	40521	float	%
Voltage 6.harmonic L2		HARM_U6_L2	40523	float	%
Voltage 6.harmonic L3		HARM_U6_L3	40525	float	%
		NULL	40527	float	%
Voltage 7.harmonic L1		HARM_U7_L1	40529	float	%
Voltage 7.harmonic L2		HARM_U7_L2	40531	float	%
Voltage 7.harmonic L3		HARM_U7_L3	40533	float	%
		NULL	40535	float	%
Voltage 8.harmonic L1		HARM_U8_L1	40537	float	%
Voltage 8.harmonic L2		HARM_U8_L2	40539	float	%
Voltage 8.harmonic L3		HARM_U8_L3	40541	float	%
		NULL	40543	float	%
Voltage 9.harmonic L1		HARM_U9_L1	40545	float	%
Voltage 9.harmonic L2		HARM_U9_L2	40547	float	%
Voltage 9.harmonic L3		HARM_U9_L3	40549	float	%
		NULL	40551	float	%
Voltage 10.harmonic L1		HARM_U10_L1	40553	float	%
Voltage 10.harmonic L2		HARM_U10_L2	40555	float	%
Voltage 10.harmonic L3		HARM_U10_L3	40557	float	%
		NULL	40559	float	%
Voltage 11.harmonic L1		HARM_U11_L1	40561	float	%
Voltage 11.harmonic L2		HARM_U11_L2	40563	float	%
Voltage 11.harmonic L3		HARM_U11_L3	40565	float	%
		NULL	40567	float	%
Voltage 12.harmonic L1		HARM_U12_L1	40569	float	%
Voltage 12.harmonic L2		HARM_U12_L2	40571	float	%
Voltage 12.harmonic L3		HARM_U12_L3	40573	float	%
		NULL	40575	float	%
Voltage 13.harmonic L1		HARM_U13_L1	40577	float	%
Voltage 13.harmonic L2		HARM_U13_L2	40579	float	%
Voltage 13.harmonic L3		HARM_U13_L3	40581	float	%
		NULL	40583	float	%
Voltage 14.harmonic L1		HARM_U14_L1	40585	float	%
Voltage 14.harmonic L2		HARM_U14_L2	40587	float	%
Voltage 14.harmonic L3		HARM_U14_L3	40589	float	%
		NULL	40591	float	%
Voltage 15.harmonic L1		HARM_U15_L1	40593	float	%
Voltage 15.harmonic L2		HARM_U15_L2	40595	float	%
Voltage 15.harmonic L3		HARM_U15_L3	40597	float	%
		NULL	40599	float	%
Voltage 16.harmonic L1		HARM_U16_L1	40601	float	%
Voltage 16.harmonic L2		HARM_U16_L2	40603	float	%
Voltage 16.harmonic L3		HARM_U16_L3	40605	float	%
		NULL	40607	float	%
Voltage 17.harmonic L1		HARM_U17_L1	40609	float	%
Voltage 17.harmonic L2		HARM_U17_L2	40611	float	%
Voltage 17.harmonic L3		HARM_U17_L3	40613	float	%
		NULL	40615	float	%
Voltage 18.harmonic L1		HARM_U18_L1	40617	float	%
Voltage 18.harmonic L2		HARM_U18_L2	40619	float	%

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.harmonic L3	HARM_U18_L3	40621	float	%	
	NULL	40623	float	%	
Voltage 19.harmonic L1	HARM_U19_L1	40625	float	%	
Voltage 19.harmonic L2	HARM_U19_L2	40627	float	%	
Voltage 19.harmonic L3	HARM_U19_L3	40629	float	%	
	NULL	40631	float	%	
Voltage 20.harmonic L1	HARM_U20_L1	40633	float	%	
Voltage 20.harmonic L2	HARM_U20_L2	40635	float	%	
Voltage 20.harmonic L3	HARM_U20_L3	40637	float	%	
	NULL	40639	float	%	
Voltage 21.harmonic L1	HARM_U21_L1	40641	float	%	
Voltage 21.harmonic L2	HARM_U21_L2	40643	float	%	
Voltage 21.harmonic L3	HARM_U21_L3	40645	float	%	
	NULL	40647	float	%	
Voltage 22.harmonic L1	HARM_U22_L1	40649	float	%	
Voltage 22.harmonic L2	HARM_U22_L2	40651	float	%	
Voltage 22.harmonic L3	HARM_U22_L3	40653	float	%	
	NULL	40655	float	%	
Voltage 23.harmonic L1	HARM_U23_L1	40657	float	%	
Voltage 23.harmonic L2	HARM_U23_L2	40659	float	%	
Voltage 23.harmonic L3	HARM_U23_L3	40661	float	%	
	NULL	40663	float	%	
Voltage 24.harmonic L1	HARM_U24_L1	40665	float	%	
Voltage 24.harmonic L2	HARM_U24_L2	40667	float	%	
Voltage 24.harmonic L3	HARM_U24_L3	40669	float	%	
	NULL	40671	float	%	
Voltage 25.harmonic L1	HARM_U25_L1	40673	float	%	
Voltage 25.harmonic L2	HARM_U25_L2	40675	float	%	
Voltage 25.harmonic L3	HARM_U25_L3	40677	float	%	
	NULL	40679	float	%	
Voltage 26.harmonic L1	HARM_U26_L1	40681	float	%	
Voltage 26.harmonic L2	HARM_U26_L2	40683	float	%	
Voltage 26.harmonic L3	HARM_U26_L3	40685	float	%	
	NULL	40687	float	%	
Voltage 27.harmonic L1	HARM_U27_L1	40689	float	%	
Voltage 27.harmonic L2	HARM_U27_L2	40691	float	%	
Voltage 27.harmonic L3	HARM_U27_L3	40693	float	%	
	NULL	40695	float	%	
Voltage 28.harmonic L1	HARM_U28_L1	40697	float	%	
Voltage 28.harmonic L2	HARM_U28_L2	40699	float	%	
Voltage 28.harmonic L3	HARM_U28_L3	40701	float	%	
	NULL	40703	float	%	
Voltage 29.harmonic L1	HARM_U29_L1	40705	float	%	
Voltage 29.harmonic L2	HARM_U29_L2	40707	float	%	
Voltage 29.harmonic L3	HARM_U29_L3	40709	float	%	
	NULL	40711	float	%	
Voltage 30.harmonic L1	HARM_U30_L1	40713	float	%	
Voltage 30.harmonic L2	HARM_U30_L2	40715	float	%	
Voltage 30.harmonic L3	HARM_U30_L3	40717	float	%	
	NULL	40719	float	%	
Voltage 31.harmonic L1	HARM_U31_L1	40721	float	%	
Voltage 31.harmonic L2	HARM_U31_L2	40723	float	%	
Voltage 31.harmonic L3	HARM_U31_L3	40725	float	%	
	NULL	40727	float	%	
Voltage 32.harmonic L1	HARM_U32_L1	40729	float	%	
Voltage 32.harmonic L2	HARM_U32_L2	40731	float	%	
Voltage 32.harmonic L3	HARM_U32_L3	40733	float	%	
	NULL	40735	float	%	
Voltage 33.harmonic L1	HARM_U33_L1	40737	float	%	
Voltage 33.harmonic L2	HARM_U33_L2	40739	float	%	
Voltage 33.harmonic L3	HARM_U33_L3	40741	float	%	
	NULL	40743	float	%	
Voltage 34.harmonic L1	HARM_U34_L1	40745	float	%	
Voltage 34.harmonic L2	HARM_U34_L2	40747	float	%	
Voltage 34.harmonic L3	HARM_U34_L3	40749	float	%	
	NULL	40751	float	%	
Voltage 35.harmonic L1	HARM_U35_L1	40753	float	%	
Voltage 35.harmonic L2	HARM_U35_L2	40755	float	%	
Voltage 35.harmonic L3	HARM_U35_L3	40757	float	%	
	NULL	40759	float	%	

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.harmonic L1	HARM_U36_L1	40761	float	%	
Voltage 36.harmonic L2	HARM_U36_L2	40763	float	%	
Voltage 36.harmonic L3	HARM_U36_L3	40765	float	%	
	NULL	40767	float	%	
Voltage 37.harmonic L1	HARM_U37_L1	40769	float	%	
Voltage 37.harmonic L2	HARM_U37_L2	40771	float	%	
Voltage 37.harmonic L3	HARM_U37_L3	40773	float	%	
	NULL	40775	float	%	
Voltage 38.harmonic L1	HARM_U38_L1	40777	float	%	
Voltage 38.harmonic L2	HARM_U38_L2	40779	float	%	
Voltage 38.harmonic L3	HARM_U38_L3	40781	float	%	
	NULL	40783	float	%	
Voltage 39.harmonic L1	HARM_U39_L1	40785	float	%	
Voltage 39.harmonic L2	HARM_U39_L2	40787	float	%	
Voltage 39.harmonic L3	HARM_U39_L3	40789	float	%	
	NULL	40791	float	%	
Voltage 40.harmonic L1	HARM_U40_L1	40793	float	%	
Voltage 40.harmonic L2	HARM_U40_L2	40795	float	%	
Voltage 40.harmonic L3	HARM_U40_L3	40797	float	%	
	NULL	40799	float	%	
Voltage 41.harmonic L1	HARM_U41_L1	40801	float	%	
Voltage 41.harmonic L2	HARM_U41_L2	40803	float	%	
Voltage 41.harmonic L3	HARM_U41_L3	40805	float	%	
	NULL	40807	float	%	
Voltage 42.harmonic L1	HARM_U42_L1	40809	float	%	
Voltage 42.harmonic L2	HARM_U42_L2	40811	float	%	
Voltage 42.harmonic L3	HARM_U42_L3	40813	float	%	
	NULL	40815	float	%	
Voltage 43.harmonic L1	HARM_U43_L1	40817	float	%	
Voltage 43.harmonic L2	HARM_U43_L2	40819	float	%	
Voltage 43.harmonic L3	HARM_U43_L3	40821	float	%	
	NULL	40823	float	%	
Voltage 44.harmonic L1	HARM_U44_L1	40825	float	%	
Voltage 44.harmonic L2	HARM_U44_L2	40827	float	%	
Voltage 44.harmonic L3	HARM_U44_L3	40829	float	%	
	NULL	40831	float	%	
Voltage 45.harmonic L1	HARM_U45_L1	40833	float	%	
Voltage 45.harmonic L2	HARM_U45_L2	40835	float	%	
Voltage 45.harmonic L3	HARM_U45_L3	40837	float	%	
	NULL	40839	float	%	
Voltage 46.harmonic L1	HARM_U46_L1	40841	float	%	
Voltage 46.harmonic L2	HARM_U46_L2	40843	float	%	
Voltage 46.harmonic L3	HARM_U46_L3	40845	float	%	
	NULL	40847	float	%	
Voltage 47.harmonic L1	HARM_U47_L1	40849	float	%	
Voltage 47.harmonic L2	HARM_U47_L2	40851	float	%	
Voltage 47.harmonic L3	HARM_U47_L3	40853	float	%	
	NULL	40855	float	%	
Voltage 48.harmonic L1	HARM_U48_L1	40857	float	%	
Voltage 48.harmonic L2	HARM_U48_L2	40859	float	%	
Voltage 48.harmonic L3	HARM_U48_L3	40861	float	%	
	NULL	40863	float	%	
Voltage 49.harmonic L1	HARM_U49_L1	40865	float	%	
Voltage 49.harmonic L2	HARM_U49_L2	40867	float	%	
Voltage 49.harmonic L3	HARM_U49_L3	40869	float	%	
	NULL	40871	float	%	
Voltage 50.harmonic L1	HARM_U50_L1	40873	float	%	
Voltage 50.harmonic L2	HARM_U50_L2	40875	float	%	
Voltage 50.harmonic L3	HARM_U50_L3	40877	float	%	
	NULL	40879	float	%	
Voltage 51.harmonic L1	HARM_U51_L1	40881	float	%	
Voltage 51.harmonic L2	HARM_U51_L2	40883	float	%	
Voltage 51.harmonic L3	HARM_U51_L3	40885	float	%	
	NULL	40887	float	%	
Voltage 52.harmonic L1	HARM_U52_L1	40889	float	%	
Voltage 52.harmonic L2	HARM_U52_L2	40891	float	%	
Voltage 52.harmonic L3	HARM_U52_L3	40893	float	%	
	NULL	40895	float	%	
Voltage 53.harmonic L1	HARM_U53_L1	40897	float	%	
Voltage 53.harmonic L2	HARM_U53_L2	40899	float	%	

Voltage harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 53.harmonic L3	HARM_U53_L3	40901	float	%
	NULL	40903	float	%
Voltage 54.harmonic L1	HARM_U54_L1	40905	float	%
Voltage 54.harmonic L2	HARM_U54_L2	40907	float	%
Voltage 54.harmonic L3	HARM_U54_L3	40909	float	%
	NULL	40911	float	%
Voltage 55.harmonic L1	HARM_U55_L1	40913	float	%
Voltage 55.harmonic L2	HARM_U55_L2	40915	float	%
Voltage 55.harmonic L3	HARM_U55_L3	40917	float	%
	NULL	40919	float	%
Voltage 56.harmonic L1	HARM_U56_L1	40921	float	%
Voltage 56.harmonic L2	HARM_U56_L2	40923	float	%
Voltage 56.harmonic L3	HARM_U56_L3	40925	float	%
	NULL	40927	float	%
Voltage 57.harmonic L1	HARM_U57_L1	40929	float	%
Voltage 57.harmonic L2	HARM_U57_L2	40931	float	%
Voltage 57.harmonic L3	HARM_U57_L3	40933	float	%
	NULL	40935	float	%
Voltage 58.harmonic L1	HARM_U58_L1	40937	float	%
Voltage 58.harmonic L2	HARM_U58_L2	40939	float	%
Voltage 58.harmonic L3	HARM_U58_L3	40941	float	%
	NULL	40943	float	%
Voltage 59.harmonic L1	HARM_U59_L1	40945	float	%
Voltage 59.harmonic L2	HARM_U59_L2	40947	float	%
Voltage 59.harmonic L3	HARM_U59_L3	40949	float	%
	NULL	40951	float	%
Voltage 60.harmonic L1	HARM_U60_L1	40953	float	%
Voltage 60.harmonic L2	HARM_U60_L2	40955	float	%
Voltage 60.harmonic L3	HARM_U60_L3	40957	float	%
	NULL	40959	float	%
Voltage 61.harmonic L1	HARM_U61_L1	40961	float	%
Voltage 61.harmonic L2	HARM_U61_L2	40963	float	%
Voltage 61.harmonic L3	HARM_U61_L3	40965	float	%
	NULL	40967	float	%
Voltage 62.harmonic L1	HARM_U62_L1	40969	float	%
Voltage 62.harmonic L2	HARM_U62_L2	40971	float	%
Voltage 62.harmonic L3	HARM_U62_L3	40973	float	%
	NULL	40975	float	%
Voltage 63.harmonic L1	HARM_U63_L1	40977	float	%
Voltage 63.harmonic L2	HARM_U63_L2	40979	float	%
Voltage 63.harmonic L3	HARM_U63_L3	40981	float	%
	NULL	40983	float	%
Voltage 64.harmonic L1	HARM_U64_L1	40985	float	%
Voltage 64.harmonic L2	HARM_U64_L2	40987	float	%
Voltage 64.harmonic L3	HARM_U64_L3	40989	float	%
	NULL	40991	float	%

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.inter-harmonic L1	INTERHARM_U1_L1	40993	float	%	
Voltage 1.inter-harmonic L2	INTERHARM_U1_L2	40995	float	%	
Voltage 1.inter-harmonic L3	INTERHARM_U1_L3	40997	float	%	
	NULL	40999	float	%	
Voltage 2.inter-harmonic L1	INTERHARM_U2_L1	41001	float	%	
Voltage 2.inter-harmonic L2	INTERHARM_U2_L2	41003	float	%	
Voltage 2.inter-harmonic L3	INTERHARM_U2_L3	41005	float	%	
	NULL	41007	float	%	
Voltage 3.inter-harmonic L1	INTERHARM_U3_L1	41009	float	%	
Voltage 3.inter-harmonic L2	INTERHARM_U3_L2	41011	float	%	
Voltage 3.inter-harmonic L3	INTERHARM_U3_L3	41013	float	%	
	NULL	41015	float	%	
Voltage 4.inter-harmonic L1	INTERHARM_U4_L1	41017	float	%	
Voltage 4.inter-harmonic L2	INTERHARM_U4_L2	41019	float	%	
Voltage 4.inter-harmonic L3	INTERHARM_U4_L3	41021	float	%	
	NULL	41023	float	%	
Voltage 5.inter-harmonic L1	INTERHARM_U5_L1	41025	float	%	
Voltage 5.inter-harmonic L2	INTERHARM_U5_L2	41027	float	%	
Voltage 5.inter-harmonic L3	INTERHARM_U5_L3	41029	float	%	
	NULL	41031	float	%	
Voltage 6.inter-harmonic L1	INTERHARM_U6_L1	41033	float	%	
Voltage 6.inter-harmonic L2	INTERHARM_U6_L2	41035	float	%	
Voltage 6.inter-harmonic L3	INTERHARM_U6_L3	41037	float	%	
	NULL	41039	float	%	
Voltage 7.inter-harmonic L1	INTERHARM_U7_L1	41041	float	%	
Voltage 7.inter-harmonic L2	INTERHARM_U7_L2	41043	float	%	
Voltage 7.inter-harmonic L3	INTERHARM_U7_L3	41045	float	%	
	NULL	41047	float	%	
Voltage 8.inter-harmonic L1	INTERHARM_U8_L1	41049	float	%	
Voltage 8.inter-harmonic L2	INTERHARM_U8_L2	41051	float	%	
Voltage 8.inter-harmonic L3	INTERHARM_U8_L3	41053	float	%	
	NULL	41055	float	%	
Voltage 9.inter-harmonic L1	INTERHARM_U9_L1	41057	float	%	
Voltage 9.inter-harmonic L2	INTERHARM_U9_L2	41059	float	%	
Voltage 9.inter-harmonic L3	INTERHARM_U9_L3	41061	float	%	
	NULL	41063	float	%	
Voltage 10.inter-harmonic L1	INTERHARM_U10_L1	41065	float	%	
Voltage 10.inter-harmonic L2	INTERHARM_U10_L2	41067	float	%	
Voltage 10.inter-harmonic L3	INTERHARM_U10_L3	41069	float	%	
	NULL	41071	float	%	
Voltage 11.inter-harmonic L1	INTERHARM_U11_L1	41073	float	%	
Voltage 11.inter-harmonic L2	INTERHARM_U11_L2	41075	float	%	
Voltage 11.inter-harmonic L3	INTERHARM_U11_L3	41077	float	%	
	NULL	41079	float	%	
Voltage 12.inter-harmonic L1	INTERHARM_U12_L1	41081	float	%	
Voltage 12.inter-harmonic L2	INTERHARM_U12_L2	41083	float	%	
Voltage 12.inter-harmonic L3	INTERHARM_U12_L3	41085	float	%	
	NULL	41087	float	%	
Voltage 13.inter-harmonic L1	INTERHARM_U13_L1	41089	float	%	
Voltage 13.inter-harmonic L2	INTERHARM_U13_L2	41091	float	%	
Voltage 13.inter-harmonic L3	INTERHARM_U13_L3	41093	float	%	
	NULL	41095	float	%	
Voltage 14.inter-harmonic L1	INTERHARM_U14_L1	41097	float	%	
Voltage 14.inter-harmonic L2	INTERHARM_U14_L2	41099	float	%	
Voltage 14.inter-harmonic L3	INTERHARM_U14_L3	41101	float	%	
	NULL	41103	float	%	
Voltage 15.inter-harmonic L1	INTERHARM_U15_L1	41105	float	%	
Voltage 15.inter-harmonic L2	INTERHARM_U15_L2	41107	float	%	
Voltage 15.inter-harmonic L3	INTERHARM_U15_L3	41109	float	%	
	NULL	41111	float	%	
Voltage 16.inter-harmonic L1	INTERHARM_U16_L1	41113	float	%	
Voltage 16.inter-harmonic L2	INTERHARM_U16_L2	41115	float	%	
Voltage 16.inter-harmonic L3	INTERHARM_U16_L3	41117	float	%	
	NULL	41119	float	%	
Voltage 17.inter-harmonic L1	INTERHARM_U17_L1	41121	float	%	
Voltage 17.inter-harmonic L2	INTERHARM_U17_L2	41123	float	%	
Voltage 17.inter-harmonic L3	INTERHARM_U17_L3	41125	float	%	
	NULL	41127	float	%	
Voltage 18.inter-harmonic L1	INTERHARM_U18_L1	41129	float	%	
Voltage 18.inter-harmonic L2	INTERHARM_U18_L2	41131	float	%	

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.inter-harmonic L3	INTERHARM_U18_L3	41133	float	%	
	NULL	41135	float	%	
Voltage 19.inter-harmonic L1	INTERHARM_U19_L1	41137	float	%	
Voltage 19.inter-harmonic L2	INTERHARM_U19_L2	41139	float	%	
Voltage 19.inter-harmonic L3	INTERHARM_U19_L3	41141	float	%	
	NULL	41143	float	%	
Voltage 20.inter-harmonic L1	INTERHARM_U20_L1	41145	float	%	
Voltage 20.inter-harmonic L2	INTERHARM_U20_L2	41147	float	%	
Voltage 20.inter-harmonic L3	INTERHARM_U20_L3	41149	float	%	
	NULL	41151	float	%	
Voltage 21.inter-harmonic L1	INTERHARM_U21_L1	41153	float	%	
Voltage 21.inter-harmonic L2	INTERHARM_U21_L2	41155	float	%	
Voltage 21.inter-harmonic L3	INTERHARM_U21_L3	41157	float	%	
	NULL	41159	float	%	
Voltage 22.inter-harmonic L1	INTERHARM_U22_L1	41161	float	%	
Voltage 22.inter-harmonic L2	INTERHARM_U22_L2	41163	float	%	
Voltage 22.inter-harmonic L3	INTERHARM_U22_L3	41165	float	%	
	NULL	41167	float	%	
Voltage 23.inter-harmonic L1	INTERHARM_U23_L1	41169	float	%	
Voltage 23.inter-harmonic L2	INTERHARM_U23_L2	41171	float	%	
Voltage 23.inter-harmonic L3	INTERHARM_U23_L3	41173	float	%	
	NULL	41175	float	%	
Voltage 24.inter-harmonic L1	INTERHARM_U24_L1	41177	float	%	
Voltage 24.inter-harmonic L2	INTERHARM_U24_L2	41179	float	%	
Voltage 24.inter-harmonic L3	INTERHARM_U24_L3	41181	float	%	
	NULL	41183	float	%	
Voltage 25.inter-harmonic L1	INTERHARM_U25_L1	41185	float	%	
Voltage 25.inter-harmonic L2	INTERHARM_U25_L2	41187	float	%	
Voltage 25.inter-harmonic L3	INTERHARM_U25_L3	41189	float	%	
	NULL	41191	float	%	
Voltage 26.inter-harmonic L1	INTERHARM_U26_L1	41193	float	%	
Voltage 26.inter-harmonic L2	INTERHARM_U26_L2	41195	float	%	
Voltage 26.inter-harmonic L3	INTERHARM_U26_L3	41197	float	%	
	NULL	41199	float	%	
Voltage 27.inter-harmonic L1	INTERHARM_U27_L1	41201	float	%	
Voltage 27.inter-harmonic L2	INTERHARM_U27_L2	41203	float	%	
Voltage 27.inter-harmonic L3	INTERHARM_U27_L3	41205	float	%	
	NULL	41207	float	%	
Voltage 28.inter-harmonic L1	INTERHARM_U28_L1	41209	float	%	
Voltage 28.inter-harmonic L2	INTERHARM_U28_L2	41211	float	%	
Voltage 28.inter-harmonic L3	INTERHARM_U28_L3	41213	float	%	
	NULL	41215	float	%	
Voltage 29.inter-harmonic L1	INTERHARM_U29_L1	41217	float	%	
Voltage 29.inter-harmonic L2	INTERHARM_U29_L2	41219	float	%	
Voltage 29.inter-harmonic L3	INTERHARM_U29_L3	41221	float	%	
	NULL	41223	float	%	
Voltage 30.inter-harmonic L1	INTERHARM_U30_L1	41225	float	%	
Voltage 30.inter-harmonic L2	INTERHARM_U30_L2	41227	float	%	
Voltage 30.inter-harmonic L3	INTERHARM_U30_L3	41229	float	%	
	NULL	41231	float	%	
Voltage 31.inter-harmonic L1	INTERHARM_U31_L1	41233	float	%	
Voltage 31.inter-harmonic L2	INTERHARM_U31_L2	41235	float	%	
Voltage 31.inter-harmonic L3	INTERHARM_U31_L3	41237	float	%	
	NULL	41239	float	%	
Voltage 32.inter-harmonic L1	INTERHARM_U32_L1	41241	float	%	
Voltage 32.inter-harmonic L2	INTERHARM_U32_L2	41243	float	%	
Voltage 32.inter-harmonic L3	INTERHARM_U32_L3	41245	float	%	
	NULL	41247	float	%	
Voltage 33.inter-harmonic L1	INTERHARM_U33_L1	41249	float	%	
Voltage 33.inter-harmonic L2	INTERHARM_U33_L2	41251	float	%	
Voltage 33.inter-harmonic L3	INTERHARM_U33_L3	41253	float	%	
	NULL	41255	float	%	
Voltage 34.inter-harmonic L1	INTERHARM_U34_L1	41257	float	%	
Voltage 34.inter-harmonic L2	INTERHARM_U34_L2	41259	float	%	
Voltage 34.inter-harmonic L3	INTERHARM_U34_L3	41261	float	%	
	NULL	41263	float	%	
Voltage 35.inter-harmonic L1	INTERHARM_U35_L1	41265	float	%	
Voltage 35.inter-harmonic L2	INTERHARM_U35_L2	41267	float	%	
Voltage 35.inter-harmonic L3	INTERHARM_U35_L3	41269	float	%	
	NULL	41271	float	%	

Voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 36.inter-harmonic L1	INTERHARM_U36_L1	41273	float	%
Voltage 36.inter-harmonic L2	INTERHARM_U36_L2	41275	float	%
Voltage 36.inter-harmonic L3	INTERHARM_U36_L3	41277	float	%
	NULL	41279	float	%
Voltage 37.inter-harmonic L1	INTERHARM_U37_L1	41281	float	%
Voltage 37.inter-harmonic L2	INTERHARM_U37_L2	41283	float	%
Voltage 37.inter-harmonic L3	INTERHARM_U37_L3	41285	float	%
	NULL	41287	float	%
Voltage 38.inter-harmonic L1	INTERHARM_U38_L1	41289	float	%
Voltage 38.inter-harmonic L2	INTERHARM_U38_L2	41291	float	%
Voltage 38.inter-harmonic L3	INTERHARM_U38_L3	41293	float	%
	NULL	41295	float	%
Voltage 39.inter-harmonic L1	INTERHARM_U39_L1	41297	float	%
Voltage 39.inter-harmonic L2	INTERHARM_U39_L2	41299	float	%
Voltage 39.inter-harmonic L3	INTERHARM_U39_L3	41301	float	%
	NULL	41303	float	%
Voltage 40.inter-harmonic L1	INTERHARM_U40_L1	41305	float	%
Voltage 40.inter-harmonic L2	INTERHARM_U40_L2	41307	float	%
Voltage 40.inter-harmonic L3	INTERHARM_U40_L3	41309	float	%
	NULL	41311	float	%
Voltage 41.inter-harmonic L1	INTERHARM_U41_L1	41313	float	%
Voltage 41.inter-harmonic L2	INTERHARM_U41_L2	41315	float	%
Voltage 41.inter-harmonic L3	INTERHARM_U41_L3	41317	float	%
	NULL	41319	float	%
Voltage 42.inter-harmonic L1	INTERHARM_U42_L1	41321	float	%
Voltage 42.inter-harmonic L2	INTERHARM_U42_L2	41323	float	%
Voltage 42.inter-harmonic L3	INTERHARM_U42_L3	41325	float	%
	NULL	41327	float	%
Voltage 43.inter-harmonic L1	INTERHARM_U43_L1	41329	float	%
Voltage 43.inter-harmonic L2	INTERHARM_U43_L2	41331	float	%
Voltage 43.inter-harmonic L3	INTERHARM_U43_L3	41333	float	%
	NULL	41335	float	%
Voltage 44.inter-harmonic L1	INTERHARM_U44_L1	41337	float	%
Voltage 44.inter-harmonic L2	INTERHARM_U44_L2	41339	float	%
Voltage 44.inter-harmonic L3	INTERHARM_U44_L3	41341	float	%
	NULL	41343	float	%
Voltage 45.inter-harmonic L1	INTERHARM_U45_L1	41345	float	%
Voltage 45.inter-harmonic L2	INTERHARM_U45_L2	41347	float	%
Voltage 45.inter-harmonic L3	INTERHARM_U45_L3	41349	float	%
	NULL	41351	float	%
Voltage 46.inter-harmonic L1	INTERHARM_U46_L1	41353	float	%
Voltage 46.inter-harmonic L2	INTERHARM_U46_L2	41355	float	%
Voltage 46.inter-harmonic L3	INTERHARM_U46_L3	41357	float	%
	NULL	41359	float	%
Voltage 47.inter-harmonic L1	INTERHARM_U47_L1	41361	float	%
Voltage 47.inter-harmonic L2	INTERHARM_U47_L2	41363	float	%
Voltage 47.inter-harmonic L3	INTERHARM_U47_L3	41365	float	%
	NULL	41367	float	%
Voltage 48.inter-harmonic L1	INTERHARM_U48_L1	41369	float	%
Voltage 48.inter-harmonic L2	INTERHARM_U48_L2	41371	float	%
Voltage 48.inter-harmonic L3	INTERHARM_U48_L3	41373	float	%
	NULL	41375	float	%
Voltage 49.inter-harmonic L1	INTERHARM_U49_L1	41377	float	%
Voltage 49.inter-harmonic L2	INTERHARM_U49_L2	41379	float	%
Voltage 49.inter-harmonic L3	INTERHARM_U49_L3	41381	float	%
	NULL	41383	float	%
Voltage 50.inter-harmonic L1	INTERHARM_U50_L1	41385	float	%
Voltage 50.inter-harmonic L2	INTERHARM_U50_L2	41387	float	%
Voltage 50.inter-harmonic L3	INTERHARM_U50_L3	41389	float	%
	NULL	41391	float	%
Voltage 51.inter-harmonic L1	INTERHARM_U51_L1	41393	float	%
Voltage 51.inter-harmonic L2	INTERHARM_U51_L2	41395	float	%
Voltage 51.inter-harmonic L3	INTERHARM_U51_L3	41397	float	%
	NULL	41399	float	%
Voltage 52.inter-harmonic L1	INTERHARM_U52_L1	41401	float	%
Voltage 52.inter-harmonic L2	INTERHARM_U52_L2	41403	float	%
Voltage 52.inter-harmonic L3	INTERHARM_U52_L3	41405	float	%
	NULL	41407	float	%
Voltage 53.inter-harmonic L1	INTERHARM_U53_L1	41409	float	%
Voltage 53.inter-harmonic L2	INTERHARM_U53_L2	41411	float	%

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.inter-harmonic L3	INTERHARM_U53_L3	41413	float	%	
	NULL	41415	float	%	
Voltage 54.inter-harmonic L1	INTERHARM_U54_L1	41417	float	%	
Voltage 54.inter-harmonic L2	INTERHARM_U54_L2	41419	float	%	
Voltage 54.inter-harmonic L3	INTERHARM_U54_L3	41421	float	%	
	NULL	41423	float	%	
Voltage 55.inter-harmonic L1	INTERHARM_U55_L1	41425	float	%	
Voltage 55.inter-harmonic L2	INTERHARM_U55_L2	41427	float	%	
Voltage 55.inter-harmonic L3	INTERHARM_U55_L3	41429	float	%	
	NULL	41431	float	%	
Voltage 56.inter-harmonic L1	INTERHARM_U56_L1	41433	float	%	
Voltage 56.inter-harmonic L2	INTERHARM_U56_L2	41435	float	%	
Voltage 56.inter-harmonic L3	INTERHARM_U56_L3	41437	float	%	
	NULL	41439	float	%	
Voltage 57.inter-harmonic L1	INTERHARM_U57_L1	41441	float	%	
Voltage 57.inter-harmonic L2	INTERHARM_U57_L2	41443	float	%	
Voltage 57.inter-harmonic L3	INTERHARM_U57_L3	41445	float	%	
	NULL	41447	float	%	
Voltage 58.inter-harmonic L1	INTERHARM_U58_L1	41449	float	%	
Voltage 58.inter-harmonic L2	INTERHARM_U58_L2	41451	float	%	
Voltage 58.inter-harmonic L3	INTERHARM_U58_L3	41453	float	%	
	NULL	41455	float	%	
Voltage 59.inter-harmonic L1	INTERHARM_U59_L1	41457	float	%	
Voltage 59.inter-harmonic L2	INTERHARM_U59_L2	41459	float	%	
Voltage 59.inter-harmonic L3	INTERHARM_U59_L3	41461	float	%	
	NULL	41463	float	%	
Voltage 60.inter-harmonic L1	INTERHARM_U60_L1	41465	float	%	
Voltage 60.inter-harmonic L2	INTERHARM_U60_L2	41467	float	%	
Voltage 60.inter-harmonic L3	INTERHARM_U60_L3	41469	float	%	
	NULL	41471	float	%	
Voltage 61.inter-harmonic L1	INTERHARM_U61_L1	41473	float	%	
Voltage 61.inter-harmonic L2	INTERHARM_U61_L2	41475	float	%	
Voltage 61.inter-harmonic L3	INTERHARM_U61_L3	41477	float	%	
	NULL	41479	float	%	
Voltage 62.inter-harmonic L1	INTERHARM_U62_L1	41481	float	%	
Voltage 62.inter-harmonic L2	INTERHARM_U62_L2	41483	float	%	
Voltage 62.inter-harmonic L3	INTERHARM_U62_L3	41485	float	%	
	NULL	41487	float	%	
Voltage 63.inter-harmonic L1	INTERHARM_U63_L1	41489	float	%	
Voltage 63.inter-harmonic L2	INTERHARM_U63_L2	41491	float	%	
Voltage 63.inter-harmonic L3	INTERHARM_U63_L3	41493	float	%	
	NULL	41495	float	%	
Voltage 64.inter-harmonic L1	INTERHARM_U64_L1	41497	float	%	
Voltage 64.inter-harmonic L2	INTERHARM_U64_L2	41499	float	%	
Voltage 64.inter-harmonic L3	INTERHARM_U64_L3	41501	float	%	
	NULL	41503	float	%	

Voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 1.group harmonic L1	GROUP_HARM_U1_L1	41505	float	%
Voltage 1.group harmonic L2	GROUP_HARM_U1_L2	41507	float	%
Voltage 1.group harmonic L3	GROUP_HARM_U1_L3	41509	float	%
	NULL	41511	float	%
Voltage 2.group harmonic L1	GROUP_HARM_U2_L1	41513	float	%
Voltage 2.group harmonic L2	GROUP_HARM_U2_L2	41515	float	%
Voltage 2.group harmonic L3	GROUP_HARM_U2_L3	41517	float	%
	NULL	41519	float	%
Voltage 3.group harmonic L1	GROUP_HARM_U3_L1	41521	float	%
Voltage 3.group harmonic L2	GROUP_HARM_U3_L2	41523	float	%
Voltage 3.group harmonic L3	GROUP_HARM_U3_L3	41525	float	%
	NULL	41527	float	%
Voltage 4.group harmonic L1	GROUP_HARM_U4_L1	41529	float	%
Voltage 4.group harmonic L2	GROUP_HARM_U4_L2	41531	float	%
Voltage 4.group harmonic L3	GROUP_HARM_U4_L3	41533	float	%
	NULL	41535	float	%
Voltage 5.group harmonic L1	GROUP_HARM_U5_L1	41537	float	%
Voltage 5.group harmonic L2	GROUP_HARM_U5_L2	41539	float	%
Voltage 5.group harmonic L3	GROUP_HARM_U5_L3	41541	float	%
	NULL	41543	float	%
Voltage 6.group harmonic L1	GROUP_HARM_U6_L1	41545	float	%
Voltage 6.group harmonic L2	GROUP_HARM_U6_L2	41547	float	%
Voltage 6.group harmonic L3	GROUP_HARM_U6_L3	41549	float	%
	NULL	41551	float	%
Voltage 7.group harmonic L1	GROUP_HARM_U7_L1	41553	float	%
Voltage 7.group harmonic L2	GROUP_HARM_U7_L2	41555	float	%
Voltage 7.group harmonic L3	GROUP_HARM_U7_L3	41557	float	%
	NULL	41559	float	%
Voltage 8.group harmonic L1	GROUP_HARM_U8_L1	41561	float	%
Voltage 8.group harmonic L2	GROUP_HARM_U8_L2	41563	float	%
Voltage 8.group harmonic L3	GROUP_HARM_U8_L3	41565	float	%
	NULL	41567	float	%
Voltage 9.group harmonic L1	GROUP_HARM_U9_L1	41569	float	%
Voltage 9.group harmonic L2	GROUP_HARM_U9_L2	41571	float	%
Voltage 9.group harmonic L3	GROUP_HARM_U9_L3	41573	float	%
	NULL	41575	float	%
Voltage 10.group harmonic L1	GROUP_HARM_U10_L1	41577	float	%
Voltage 10.group harmonic L2	GROUP_HARM_U10_L2	41579	float	%
Voltage 10.group harmonic L3	GROUP_HARM_U10_L3	41581	float	%
	NULL	41583	float	%
Voltage 11.group harmonic L1	GROUP_HARM_U11_L1	41585	float	%
Voltage 11.group harmonic L2	GROUP_HARM_U11_L2	41587	float	%
Voltage 11.group harmonic L3	GROUP_HARM_U11_L3	41589	float	%
	NULL	41591	float	%
Voltage 12.group harmonic L1	GROUP_HARM_U12_L1	41593	float	%
Voltage 12.group harmonic L2	GROUP_HARM_U12_L2	41595	float	%
Voltage 12.group harmonic L3	GROUP_HARM_U12_L3	41597	float	%
	NULL	41599	float	%
Voltage 13.group harmonic L1	GROUP_HARM_U13_L1	41601	float	%
Voltage 13.group harmonic L2	GROUP_HARM_U13_L2	41603	float	%
Voltage 13.group harmonic L3	GROUP_HARM_U13_L3	41605	float	%
	NULL	41607	float	%
Voltage 14.group harmonic L1	GROUP_HARM_U14_L1	41609	float	%
Voltage 14.group harmonic L2	GROUP_HARM_U14_L2	41611	float	%
Voltage 14.group harmonic L3	GROUP_HARM_U14_L3	41613	float	%
	NULL	41615	float	%
Voltage 15.group harmonic L1	GROUP_HARM_U15_L1	41617	float	%
Voltage 15.group harmonic L2	GROUP_HARM_U15_L2	41619	float	%
Voltage 15.group harmonic L3	GROUP_HARM_U15_L3	41621	float	%
	NULL	41623	float	%
Voltage 16.group harmonic L1	GROUP_HARM_U16_L1	41625	float	%
Voltage 16.group harmonic L2	GROUP_HARM_U16_L2	41627	float	%
Voltage 16.group harmonic L3	GROUP_HARM_U16_L3	41629	float	%
	NULL	41631	float	%
Voltage 17.group harmonic L1	GROUP_HARM_U17_L1	41633	float	%
Voltage 17.group harmonic L2	GROUP_HARM_U17_L2	41635	float	%
Voltage 17.group harmonic L3	GROUP_HARM_U17_L3	41637	float	%
	NULL	41639	float	%
Voltage 18.group harmonic L1	GROUP_HARM_U18_L1	41641	float	%
Voltage 18.group harmonic L2	GROUP_HARM_U18_L2	41643	float	%

Voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 18.group harmonic L3	GROUP_HARM_U18_L3	41645	float	%
	NULL	41647	float	%
Voltage 19.group harmonic L1	GROUP_HARM_U19_L1	41649	float	%
Voltage 19.group harmonic L2	GROUP_HARM_U19_L2	41651	float	%
Voltage 19.group harmonic L3	GROUP_HARM_U19_L3	41653	float	%
	NULL	41655	float	%
Voltage 20.group harmonic L1	GROUP_HARM_U20_L1	41657	float	%
Voltage 20.group harmonic L2	GROUP_HARM_U20_L2	41659	float	%
Voltage 20.group harmonic L3	GROUP_HARM_U20_L3	41661	float	%
	NULL	41663	float	%
Voltage 21.group harmonic L1	GROUP_HARM_U21_L1	41665	float	%
Voltage 21.group harmonic L2	GROUP_HARM_U21_L2	41667	float	%
Voltage 21.group harmonic L3	GROUP_HARM_U21_L3	41669	float	%
	NULL	41671	float	%
Voltage 22.group harmonic L1	GROUP_HARM_U22_L1	41673	float	%
Voltage 22.group harmonic L2	GROUP_HARM_U22_L2	41675	float	%
Voltage 22.group harmonic L3	GROUP_HARM_U22_L3	41677	float	%
	NULL	41679	float	%
Voltage 23.group harmonic L1	GROUP_HARM_U23_L1	41681	float	%
Voltage 23.group harmonic L2	GROUP_HARM_U23_L2	41683	float	%
Voltage 23.group harmonic L3	GROUP_HARM_U23_L3	41685	float	%
	NULL	41687	float	%
Voltage 24.group harmonic L1	GROUP_HARM_U24_L1	41689	float	%
Voltage 24.group harmonic L2	GROUP_HARM_U24_L2	41691	float	%
Voltage 24.group harmonic L3	GROUP_HARM_U24_L3	41693	float	%
	NULL	41695	float	%
Voltage 25.group harmonic L1	GROUP_HARM_U25_L1	41697	float	%
Voltage 25.group harmonic L2	GROUP_HARM_U25_L2	41699	float	%
Voltage 25.group harmonic L3	GROUP_HARM_U25_L3	41701	float	%
	NULL	41703	float	%
Voltage 26.group harmonic L1	GROUP_HARM_U26_L1	41705	float	%
Voltage 26.group harmonic L2	GROUP_HARM_U26_L2	41707	float	%
Voltage 26.group harmonic L3	GROUP_HARM_U26_L3	41709	float	%
	NULL	41711	float	%
Voltage 27.group harmonic L1	GROUP_HARM_U27_L1	41713	float	%
Voltage 27.group harmonic L2	GROUP_HARM_U27_L2	41715	float	%
Voltage 27.group harmonic L3	GROUP_HARM_U27_L3	41717	float	%
	NULL	41719	float	%
Voltage 28.group harmonic L1	GROUP_HARM_U28_L1	41721	float	%
Voltage 28.group harmonic L2	GROUP_HARM_U28_L2	41723	float	%
Voltage 28.group harmonic L3	GROUP_HARM_U28_L3	41725	float	%
	NULL	41727	float	%
Voltage 29.group harmonic L1	GROUP_HARM_U29_L1	41729	float	%
Voltage 29.group harmonic L2	GROUP_HARM_U29_L2	41731	float	%
Voltage 29.group harmonic L3	GROUP_HARM_U29_L3	41733	float	%
	NULL	41735	float	%
Voltage 30.group harmonic L1	GROUP_HARM_U30_L1	41737	float	%
Voltage 30.group harmonic L2	GROUP_HARM_U30_L2	41739	float	%
Voltage 30.group harmonic L3	GROUP_HARM_U30_L3	41741	float	%
	NULL	41743	float	%
Voltage 31.group harmonic L1	GROUP_HARM_U31_L1	41745	float	%
Voltage 31.group harmonic L2	GROUP_HARM_U31_L2	41747	float	%
Voltage 31.group harmonic L3	GROUP_HARM_U31_L3	41749	float	%
	NULL	41751	float	%
Voltage 32.group harmonic L1	GROUP_HARM_U32_L1	41753	float	%
Voltage 32.group harmonic L2	GROUP_HARM_U32_L2	41755	float	%
Voltage 32.group harmonic L3	GROUP_HARM_U32_L3	41757	float	%
	NULL	41759	float	%
Voltage 33.group harmonic L1	GROUP_HARM_U33_L1	41761	float	%
Voltage 33.group harmonic L2	GROUP_HARM_U33_L2	41763	float	%
Voltage 33.group harmonic L3	GROUP_HARM_U33_L3	41765	float	%
	NULL	41767	float	%
Voltage 34.group harmonic L1	GROUP_HARM_U34_L1	41769	float	%
Voltage 34.group harmonic L2	GROUP_HARM_U34_L2	41771	float	%
Voltage 34.group harmonic L3	GROUP_HARM_U34_L3	41773	float	%
	NULL	41775	float	%
Voltage 35.group harmonic L1	GROUP_HARM_U35_L1	41777	float	%
Voltage 35.group harmonic L2	GROUP_HARM_U35_L2	41779	float	%
Voltage 35.group harmonic L3	GROUP_HARM_U35_L3	41781	float	%
	NULL	41783	float	%

Voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 36.group harmonic L1	GROUP_HARM_U36_L1	41785	float	%
Voltage 36.group harmonic L2	GROUP_HARM_U36_L2	41787	float	%
Voltage 36.group harmonic L3	GROUP_HARM_U36_L3	41789	float	%
	NULL	41791	float	%
Voltage 37.group harmonic L1	GROUP_HARM_U37_L1	41793	float	%
Voltage 37.group harmonic L2	GROUP_HARM_U37_L2	41795	float	%
Voltage 37.group harmonic L3	GROUP_HARM_U37_L3	41797	float	%
	NULL	41799	float	%
Voltage 38.group harmonic L1	GROUP_HARM_U38_L1	41801	float	%
Voltage 38.group harmonic L2	GROUP_HARM_U38_L2	41803	float	%
Voltage 38.group harmonic L3	GROUP_HARM_U38_L3	41805	float	%
	NULL	41807	float	%
Voltage 39.group harmonic L1	GROUP_HARM_U39_L1	41809	float	%
Voltage 39.group harmonic L2	GROUP_HARM_U39_L2	41811	float	%
Voltage 39.group harmonic L3	GROUP_HARM_U39_L3	41813	float	%
	NULL	41815	float	%
Voltage 40.group harmonic L1	GROUP_HARM_U40_L1	41817	float	%
Voltage 40.group harmonic L2	GROUP_HARM_U40_L2	41819	float	%
Voltage 40.group harmonic L3	GROUP_HARM_U40_L3	41821	float	%
	NULL	41823	float	%
Voltage 41.group harmonic L1	GROUP_HARM_U41_L1	41825	float	%
Voltage 41.group harmonic L2	GROUP_HARM_U41_L2	41827	float	%
Voltage 41.group harmonic L3	GROUP_HARM_U41_L3	41829	float	%
	NULL	41831	float	%
Voltage 42.group harmonic L1	GROUP_HARM_U42_L1	41833	float	%
Voltage 42.group harmonic L2	GROUP_HARM_U42_L2	41835	float	%
Voltage 42.group harmonic L3	GROUP_HARM_U42_L3	41837	float	%
	NULL	41839	float	%
Voltage 43.group harmonic L1	GROUP_HARM_U43_L1	41841	float	%
Voltage 43.group harmonic L2	GROUP_HARM_U43_L2	41843	float	%
Voltage 43.group harmonic L3	GROUP_HARM_U43_L3	41845	float	%
	NULL	41847	float	%
Voltage 44.group harmonic L1	GROUP_HARM_U44_L1	41849	float	%
Voltage 44.group harmonic L2	GROUP_HARM_U44_L2	41851	float	%
Voltage 44.group harmonic L3	GROUP_HARM_U44_L3	41853	float	%
	NULL	41855	float	%
Voltage 45.group harmonic L1	GROUP_HARM_U45_L1	41857	float	%
Voltage 45.group harmonic L2	GROUP_HARM_U45_L2	41859	float	%
Voltage 45.group harmonic L3	GROUP_HARM_U45_L3	41861	float	%
	NULL	41863	float	%
Voltage 46.group harmonic L1	GROUP_HARM_U46_L1	41865	float	%
Voltage 46.group harmonic L2	GROUP_HARM_U46_L2	41867	float	%
Voltage 46.group harmonic L3	GROUP_HARM_U46_L3	41869	float	%
	NULL	41871	float	%
Voltage 47.group harmonic L1	GROUP_HARM_U47_L1	41873	float	%
Voltage 47.group harmonic L2	GROUP_HARM_U47_L2	41875	float	%
Voltage 47.group harmonic L3	GROUP_HARM_U47_L3	41877	float	%
	NULL	41879	float	%
Voltage 48.group harmonic L1	GROUP_HARM_U48_L1	41881	float	%
Voltage 48.group harmonic L2	GROUP_HARM_U48_L2	41883	float	%
Voltage 48.group harmonic L3	GROUP_HARM_U48_L3	41885	float	%
	NULL	41887	float	%
Voltage 49.group harmonic L1	GROUP_HARM_U49_L1	41889	float	%
Voltage 49.group harmonic L2	GROUP_HARM_U49_L2	41891	float	%
Voltage 49.group harmonic L3	GROUP_HARM_U49_L3	41893	float	%
	NULL	41895	float	%
Voltage 50.group harmonic L1	GROUP_HARM_U50_L1	41897	float	%
Voltage 50.group harmonic L2	GROUP_HARM_U50_L2	41899	float	%
Voltage 50.group harmonic L3	GROUP_HARM_U50_L3	41901	float	%
	NULL	41903	float	%
Voltage 51.group harmonic L1	GROUP_HARM_U51_L1	41905	float	%
Voltage 51.group harmonic L2	GROUP_HARM_U51_L2	41907	float	%
Voltage 51.group harmonic L3	GROUP_HARM_U51_L3	41909	float	%
	NULL	41911	float	%
Voltage 52.group harmonic L1	GROUP_HARM_U52_L1	41913	float	%
Voltage 52.group harmonic L2	GROUP_HARM_U52_L2	41915	float	%
Voltage 52.group harmonic L3	GROUP_HARM_U52_L3	41917	float	%
	NULL	41919	float	%
Voltage 53.group harmonic L1	GROUP_HARM_U53_L1	41921	float	%
Voltage 53.group harmonic L2	GROUP_HARM_U53_L2	41923	float	%

Voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.group harmonic L3	GROUP_HARM_U53_L3	41925	float	%	
	NULL	41927	float	%	
Voltage 54.group harmonic L1	GROUP_HARM_U54_L1	41929	float	%	
Voltage 54.group harmonic L2	GROUP_HARM_U54_L2	41931	float	%	
Voltage 54.group harmonic L3	GROUP_HARM_U54_L3	41933	float	%	
	NULL	41935	float	%	
Voltage 55.group harmonic L1	GROUP_HARM_U55_L1	41937	float	%	
Voltage 55.group harmonic L2	GROUP_HARM_U55_L2	41939	float	%	
Voltage 55.group harmonic L3	GROUP_HARM_U55_L3	41941	float	%	
	NULL	41943	float	%	
Voltage 56.group harmonic L1	GROUP_HARM_U56_L1	41945	float	%	
Voltage 56.group harmonic L2	GROUP_HARM_U56_L2	41947	float	%	
Voltage 56.group harmonic L3	GROUP_HARM_U56_L3	41949	float	%	
	NULL	41951	float	%	
Voltage 57.group harmonic L1	GROUP_HARM_U57_L1	41953	float	%	
Voltage 57.group harmonic L2	GROUP_HARM_U57_L2	41955	float	%	
Voltage 57.group harmonic L3	GROUP_HARM_U57_L3	41957	float	%	
	NULL	41959	float	%	
Voltage 58.group harmonic L1	GROUP_HARM_U58_L1	41961	float	%	
Voltage 58.group harmonic L2	GROUP_HARM_U58_L2	41963	float	%	
Voltage 58.group harmonic L3	GROUP_HARM_U58_L3	41965	float	%	
	NULL	41967	float	%	
Voltage 59.group harmonic L1	GROUP_HARM_U59_L1	41969	float	%	
Voltage 59.group harmonic L2	GROUP_HARM_U59_L2	41971	float	%	
Voltage 59.group harmonic L3	GROUP_HARM_U59_L3	41973	float	%	
	NULL	41975	float	%	
Voltage 60.group harmonic L1	GROUP_HARM_U60_L1	41977	float	%	
Voltage 60.group harmonic L2	GROUP_HARM_U60_L2	41979	float	%	
Voltage 60.group harmonic L3	GROUP_HARM_U60_L3	41981	float	%	
	NULL	41983	float	%	
Voltage 61.group harmonic L1	GROUP_HARM_U61_L1	41985	float	%	
Voltage 61.group harmonic L2	GROUP_HARM_U61_L2	41987	float	%	
Voltage 61.group harmonic L3	GROUP_HARM_U61_L3	41989	float	%	
	NULL	41991	float	%	
Voltage 62.group harmonic L1	GROUP_HARM_U62_L1	41993	float	%	
Voltage 62.group harmonic L2	GROUP_HARM_U62_L2	41995	float	%	
Voltage 62.group harmonic L3	GROUP_HARM_U62_L3	41997	float	%	
	NULL	41999	float	%	
Voltage 63.group harmonic L1	GROUP_HARM_U63_L1	42001	float	%	
Voltage 63.group harmonic L2	GROUP_HARM_U63_L2	42003	float	%	
Voltage 63.group harmonic L3	GROUP_HARM_U63_L3	42005	float	%	
	NULL	42007	float	%	
Voltage 64.group harmonic L1	GROUP_HARM_U64_L1	42009	float	%	
Voltage 64.group harmonic L2	GROUP_HARM_U64_L2	42011	float	%	
Voltage 64.group harmonic L3	GROUP_HARM_U64_L3	42013	float	%	
	NULL	42015	float	%	

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.harmonic L1	HARM_I1_L1	42017	float	%	
Current 1.harmonic L2	HARM_I1_L2	42019	float	%	
Current 1.harmonic L3	HARM_I1_L3	42021	float	%	
Current 1.harmonic L4	HARM_I1_L4	42023	float	%	
Current 2.harmonic L1	HARM_I2_L1	42025	float	%	
Current 2.harmonic L2	HARM_I2_L2	42027	float	%	
Current 2.harmonic L3	HARM_I2_L3	42029	float	%	
Current 2.harmonic L4	HARM_I2_L4	42031	float	%	
Current 3.harmonic L1	HARM_I3_L1	42033	float	%	
Current 3.harmonic L2	HARM_I3_L2	42035	float	%	
Current 3.harmonic L3	HARM_I3_L3	42037	float	%	
Current 3.harmonic L4	HARM_I3_L4	42039	float	%	
Current 4.harmonic L1	HARM_I4_L1	42041	float	%	
Current 4.harmonic L2	HARM_I4_L2	42043	float	%	
Current 4.harmonic L3	HARM_I4_L3	42045	float	%	
Current 4.harmonic L4	HARM_I4_L4	42047	float	%	
Current 5.harmonic L1	HARM_I5_L1	42049	float	%	
Current 5.harmonic L2	HARM_I5_L2	42051	float	%	
Current 5.harmonic L3	HARM_I5_L3	42053	float	%	
Current 5.harmonic L4	HARM_I5_L4	42055	float	%	
Current 6.harmonic L1	HARM_I6_L1	42057	float	%	
Current 6.harmonic L2	HARM_I6_L2	42059	float	%	
Current 6.harmonic L3	HARM_I6_L3	42061	float	%	
Current 6.harmonic L4	HARM_I6_L4	42063	float	%	
Current 7.harmonic L1	HARM_I7_L1	42065	float	%	
Current 7.harmonic L2	HARM_I7_L2	42067	float	%	
Current 7.harmonic L3	HARM_I7_L3	42069	float	%	
Current 7.harmonic L4	HARM_I7_L4	42071	float	%	
Current 8.harmonic L1	HARM_I8_L1	42073	float	%	
Current 8.harmonic L2	HARM_I8_L2	42075	float	%	
Current 8.harmonic L3	HARM_I8_L3	42077	float	%	
Current 8.harmonic L4	HARM_I8_L4	42079	float	%	
Current 9.harmonic L1	HARM_I9_L1	42081	float	%	
Current 9.harmonic L2	HARM_I9_L2	42083	float	%	
Current 9.harmonic L3	HARM_I9_L3	42085	float	%	
Current 9.harmonic L4	HARM_I9_L4	42087	float	%	
Current 10.harmonic L1	HARM_I10_L1	42089	float	%	
Current 10.harmonic L2	HARM_I10_L2	42091	float	%	
Current 10.harmonic L3	HARM_I10_L3	42093	float	%	
Current 10.harmonic L4	HARM_I10_L4	42095	float	%	
Current 11.harmonic L1	HARM_I11_L1	42097	float	%	
Current 11.harmonic L2	HARM_I11_L2	42099	float	%	
Current 11.harmonic L3	HARM_I11_L3	42101	float	%	
Current 11.harmonic L4	HARM_I11_L4	42103	float	%	
Current 12.harmonic L1	HARM_I12_L1	42105	float	%	
Current 12.harmonic L2	HARM_I12_L2	42107	float	%	
Current 12.harmonic L3	HARM_I12_L3	42109	float	%	
Current 12.harmonic L4	HARM_I12_L4	42111	float	%	
Current 13.harmonic L1	HARM_I13_L1	42113	float	%	
Current 13.harmonic L2	HARM_I13_L2	42115	float	%	
Current 13.harmonic L3	HARM_I13_L3	42117	float	%	
Current 13.harmonic L4	HARM_I13_L4	42119	float	%	
Current 14.harmonic L1	HARM_I14_L1	42121	float	%	
Current 14.harmonic L2	HARM_I14_L2	42123	float	%	
Current 14.harmonic L3	HARM_I14_L3	42125	float	%	
Current 14.harmonic L4	HARM_I14_L4	42127	float	%	
Current 15.harmonic L1	HARM_I15_L1	42129	float	%	
Current 15.harmonic L2	HARM_I15_L2	42131	float	%	
Current 15.harmonic L3	HARM_I15_L3	42133	float	%	
Current 15.harmonic L4	HARM_I15_L4	42135	float	%	
Current 16.harmonic L1	HARM_I16_L1	42137	float	%	
Current 16.harmonic L2	HARM_I16_L2	42139	float	%	
Current 16.harmonic L3	HARM_I16_L3	42141	float	%	
Current 16.harmonic L4	HARM_I16_L4	42143	float	%	
Current 17.harmonic L1	HARM_I17_L1	42145	float	%	
Current 17.harmonic L2	HARM_I17_L2	42147	float	%	
Current 17.harmonic L3	HARM_I17_L3	42149	float	%	
Current 17.harmonic L4	HARM_I17_L4	42151	float	%	
Current 18.harmonic L1	HARM_I18_L1	42153	float	%	
Current 18.harmonic L2	HARM_I18_L2	42155	float	%	

Current harmonics					
DESCRIPTION		NAME	ADDRESS	TYPE	UNIT
Current 18.harmonic L3		HARM_I18_L3	42157	float	%
Current 18.harmonic L4		HARM_I18_L4	42159	float	%
Current 19.harmonic L1		HARM_I19_L1	42161	float	%
Current 19.harmonic L2		HARM_I19_L2	42163	float	%
Current 19.harmonic L3		HARM_I19_L3	42165	float	%
Current 19.harmonic L4		HARM_I19_L4	42167	float	%
Current 20.harmonic L1		HARM_I20_L1	42169	float	%
Current 20.harmonic L2		HARM_I20_L2	42171	float	%
Current 20.harmonic L3		HARM_I20_L3	42173	float	%
Current 20.harmonic L4		HARM_I20_L4	42175	float	%
Current 21.harmonic L1		HARM_I21_L1	42177	float	%
Current 21.harmonic L2		HARM_I21_L2	42179	float	%
Current 21.harmonic L3		HARM_I21_L3	42181	float	%
Current 21.harmonic L4		HARM_I21_L4	42183	float	%
Current 22.harmonic L1		HARM_I22_L1	42185	float	%
Current 22.harmonic L2		HARM_I22_L2	42187	float	%
Current 22.harmonic L3		HARM_I22_L3	42189	float	%
Current 22.harmonic L4		HARM_I22_L4	42191	float	%
Current 23.harmonic L1		HARM_I23_L1	42193	float	%
Current 23.harmonic L2		HARM_I23_L2	42195	float	%
Current 23.harmonic L3		HARM_I23_L3	42197	float	%
Current 23.harmonic L4		HARM_I23_L4	42199	float	%
Current 24.harmonic L1		HARM_I24_L1	42201	float	%
Current 24.harmonic L2		HARM_I24_L2	42203	float	%
Current 24.harmonic L3		HARM_I24_L3	42205	float	%
Current 24.harmonic L4		HARM_I24_L4	42207	float	%
Current 25.harmonic L1		HARM_I25_L1	42209	float	%
Current 25.harmonic L2		HARM_I25_L2	42211	float	%
Current 25.harmonic L3		HARM_I25_L3	42213	float	%
Current 25.harmonic L4		HARM_I25_L4	42215	float	%
Current 26.harmonic L1		HARM_I26_L1	42217	float	%
Current 26.harmonic L2		HARM_I26_L2	42219	float	%
Current 26.harmonic L3		HARM_I26_L3	42221	float	%
Current 26.harmonic L4		HARM_I26_L4	42223	float	%
Current 27.harmonic L1		HARM_I27_L1	42225	float	%
Current 27.harmonic L2		HARM_I27_L2	42227	float	%
Current 27.harmonic L3		HARM_I27_L3	42229	float	%
Current 27.harmonic L4		HARM_I27_L4	42231	float	%
Current 28.harmonic L1		HARM_I28_L1	42233	float	%
Current 28.harmonic L2		HARM_I28_L2	42235	float	%
Current 28.harmonic L3		HARM_I28_L3	42237	float	%
Current 28.harmonic L4		HARM_I28_L4	42239	float	%
Current 29.harmonic L1		HARM_I29_L1	42241	float	%
Current 29.harmonic L2		HARM_I29_L2	42243	float	%
Current 29.harmonic L3		HARM_I29_L3	42245	float	%
Current 29.harmonic L4		HARM_I29_L4	42247	float	%
Current 30.harmonic L1		HARM_I30_L1	42249	float	%
Current 30.harmonic L2		HARM_I30_L2	42251	float	%
Current 30.harmonic L3		HARM_I30_L3	42253	float	%
Current 30.harmonic L4		HARM_I30_L4	42255	float	%
Current 31.harmonic L1		HARM_I31_L1	42257	float	%
Current 31.harmonic L2		HARM_I31_L2	42259	float	%
Current 31.harmonic L3		HARM_I31_L3	42261	float	%
Current 31.harmonic L4		HARM_I31_L4	42263	float	%
Current 32.harmonic L1		HARM_I32_L1	42265	float	%
Current 32.harmonic L2		HARM_I32_L2	42267	float	%
Current 32.harmonic L3		HARM_I32_L3	42269	float	%
Current 32.harmonic L4		HARM_I32_L4	42271	float	%
Current 33.harmonic L1		HARM_I33_L1	42273	float	%
Current 33.harmonic L2		HARM_I33_L2	42275	float	%
Current 33.harmonic L3		HARM_I33_L3	42277	float	%
Current 33.harmonic L4		HARM_I33_L4	42279	float	%
Current 34.harmonic L1		HARM_I34_L1	42281	float	%
Current 34.harmonic L2		HARM_I34_L2	42283	float	%
Current 34.harmonic L3		HARM_I34_L3	42285	float	%
Current 34.harmonic L4		HARM_I34_L4	42287	float	%
Current 35.harmonic L1		HARM_I35_L1	42289	float	%
Current 35.harmonic L2		HARM_I35_L2	42291	float	%
Current 35.harmonic L3		HARM_I35_L3	42293	float	%
Current 35.harmonic L4		HARM_I35_L4	42295	float	%

Current harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Current 36.harmonic L1	HARM_I36_L1	42297	float	%
Current 36.harmonic L2	HARM_I36_L2	42299	float	%
Current 36.harmonic L3	HARM_I36_L3	42301	float	%
Current 36.harmonic L4	HARM_I36_L4	42303	float	%
Current 37.harmonic L1	HARM_I37_L1	42305	float	%
Current 37.harmonic L2	HARM_I37_L2	42307	float	%
Current 37.harmonic L3	HARM_I37_L3	42309	float	%
Current 37.harmonic L4	HARM_I37_L4	42311	float	%
Current 38.harmonic L1	HARM_I38_L1	42313	float	%
Current 38.harmonic L2	HARM_I38_L2	42315	float	%
Current 38.harmonic L3	HARM_I38_L3	42317	float	%
Current 38.harmonic L4	HARM_I38_L4	42319	float	%
Current 39.harmonic L1	HARM_I39_L1	42321	float	%
Current 39.harmonic L2	HARM_I39_L2	42323	float	%
Current 39.harmonic L3	HARM_I39_L3	42325	float	%
Current 39.harmonic L4	HARM_I39_L4	42327	float	%
Current 40.harmonic L1	HARM_I40_L1	42329	float	%
Current 40.harmonic L2	HARM_I40_L2	42331	float	%
Current 40.harmonic L3	HARM_I40_L3	42333	float	%
Current 40.harmonic L4	HARM_I40_L4	42335	float	%
Current 41.harmonic L1	HARM_I41_L1	42337	float	%
Current 41.harmonic L2	HARM_I41_L2	42339	float	%
Current 41.harmonic L3	HARM_I41_L3	42341	float	%
Current 41.harmonic L4	HARM_I41_L4	42343	float	%
Current 42.harmonic L1	HARM_I42_L1	42345	float	%
Current 42.harmonic L2	HARM_I42_L2	42347	float	%
Current 42.harmonic L3	HARM_I42_L3	42349	float	%
Current 42.harmonic L4	HARM_I42_L4	42351	float	%
Current 43.harmonic L1	HARM_I43_L1	42353	float	%
Current 43.harmonic L2	HARM_I43_L2	42355	float	%
Current 43.harmonic L3	HARM_I43_L3	42357	float	%
Current 43.harmonic L4	HARM_I43_L4	42359	float	%
Current 44.harmonic L1	HARM_I44_L1	42361	float	%
Current 44.harmonic L2	HARM_I44_L2	42363	float	%
Current 44.harmonic L3	HARM_I44_L3	42365	float	%
Current 44.harmonic L4	HARM_I44_L4	42367	float	%
Current 45.harmonic L1	HARM_I45_L1	42369	float	%
Current 45.harmonic L2	HARM_I45_L2	42371	float	%
Current 45.harmonic L3	HARM_I45_L3	42373	float	%
Current 45.harmonic L4	HARM_I45_L4	42375	float	%
Current 46.harmonic L1	HARM_I46_L1	42377	float	%
Current 46.harmonic L2	HARM_I46_L2	42379	float	%
Current 46.harmonic L3	HARM_I46_L3	42381	float	%
Current 46.harmonic L4	HARM_I46_L4	42383	float	%
Current 47.harmonic L1	HARM_I47_L1	42385	float	%
Current 47.harmonic L2	HARM_I47_L2	42387	float	%
Current 47.harmonic L3	HARM_I47_L3	42389	float	%
Current 47.harmonic L4	HARM_I47_L4	42391	float	%
Current 48.harmonic L1	HARM_I48_L1	42393	float	%
Current 48.harmonic L2	HARM_I48_L2	42395	float	%
Current 48.harmonic L3	HARM_I48_L3	42397	float	%
Current 48.harmonic L4	HARM_I48_L4	42399	float	%
Current 49.harmonic L1	HARM_I49_L1	42401	float	%
Current 49.harmonic L2	HARM_I49_L2	42403	float	%
Current 49.harmonic L3	HARM_I49_L3	42405	float	%
Current 49.harmonic L4	HARM_I49_L4	42407	float	%
Current 50.harmonic L1	HARM_I50_L1	42409	float	%
Current 50.harmonic L2	HARM_I50_L2	42411	float	%
Current 50.harmonic L3	HARM_I50_L3	42413	float	%
Current 50.harmonic L4	HARM_I50_L4	42415	float	%
Current 51.harmonic L1	HARM_I51_L1	42417	float	%
Current 51.harmonic L2	HARM_I51_L2	42419	float	%
Current 51.harmonic L3	HARM_I51_L3	42421	float	%
Current 51.harmonic L4	HARM_I51_L4	42423	float	%
Current 52.harmonic L1	HARM_I52_L1	42425	float	%
Current 52.harmonic L2	HARM_I52_L2	42427	float	%
Current 52.harmonic L3	HARM_I52_L3	42429	float	%
Current 52.harmonic L4	HARM_I52_L4	42431	float	%
Current 53.harmonic L1	HARM_I53_L1	42433	float	%
Current 53.harmonic L2	HARM_I53_L2	42435	float	%

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 53.harmonic L3	HARM_153_L3	42437	float	%	
Current 53.harmonic L4	HARM_153_L4	42439	float	%	
Current 54.harmonic L1	HARM_154_L1	42441	float	%	
Current 54.harmonic L2	HARM_154_L2	42443	float	%	
Current 54.harmonic L3	HARM_154_L3	42445	float	%	
Current 54.harmonic L4	HARM_154_L4	42447	float	%	
Current 55.harmonic L1	HARM_155_L1	42449	float	%	
Current 55.harmonic L2	HARM_155_L2	42451	float	%	
Current 55.harmonic L3	HARM_155_L3	42453	float	%	
Current 55.harmonic L4	HARM_155_L4	42455	float	%	
Current 56.harmonic L1	HARM_156_L1	42457	float	%	
Current 56.harmonic L2	HARM_156_L2	42459	float	%	
Current 56.harmonic L3	HARM_156_L3	42461	float	%	
Current 56.harmonic L4	HARM_156_L4	42463	float	%	
Current 57.harmonic L1	HARM_157_L1	42465	float	%	
Current 57.harmonic L2	HARM_157_L2	42467	float	%	
Current 57.harmonic L3	HARM_157_L3	42469	float	%	
Current 57.harmonic L4	HARM_157_L4	42471	float	%	
Current 58.harmonic L1	HARM_158_L1	42473	float	%	
Current 58.harmonic L2	HARM_158_L2	42475	float	%	
Current 58.harmonic L3	HARM_158_L3	42477	float	%	
Current 58.harmonic L4	HARM_158_L4	42479	float	%	
Current 59.harmonic L1	HARM_159_L1	42481	float	%	
Current 59.harmonic L2	HARM_159_L2	42483	float	%	
Current 59.harmonic L3	HARM_159_L3	42485	float	%	
Current 59.harmonic L4	HARM_159_L4	42487	float	%	
Current 60.harmonic L1	HARM_160_L1	42489	float	%	
Current 60.harmonic L2	HARM_160_L2	42491	float	%	
Current 60.harmonic L3	HARM_160_L3	42493	float	%	
Current 60.harmonic L4	HARM_160_L4	42495	float	%	
Current 61.harmonic L1	HARM_161_L1	42497	float	%	
Current 61.harmonic L2	HARM_161_L2	42499	float	%	
Current 61.harmonic L3	HARM_161_L3	42501	float	%	
Current 61.harmonic L4	HARM_161_L4	42503	float	%	
Current 62.harmonic L1	HARM_162_L1	42505	float	%	
Current 62.harmonic L2	HARM_162_L2	42507	float	%	
Current 62.harmonic L3	HARM_162_L3	42509	float	%	
Current 62.harmonic L4	HARM_162_L4	42511	float	%	
Current 63.harmonic L1	HARM_163_L1	42513	float	%	
Current 63.harmonic L2	HARM_163_L2	42515	float	%	
Current 63.harmonic L3	HARM_163_L3	42517	float	%	
Current 63.harmonic L4	HARM_163_L4	42519	float	%	
Current 64.harmonic L1	HARM_164_L1	42521	float	%	
Current 64.harmonic L2	HARM_164_L2	42523	float	%	
Current 64.harmonic L3	HARM_164_L3	42525	float	%	
Current 64.harmonic L4	HARM_164_L4	42527	float	%	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.inter-harmonic L1	INTERHARM_I1_L1	42529	float	%	
Current 1.inter-harmonic L2	INTERHARM_I1_L2	42531	float	%	
Current 1.inter-harmonic L3	INTERHARM_I1_L3	42533	float	%	
Current 1.inter-harmonic L4	INTERHARM_I1_L4	42535	float	%	
Current 2.inter-harmonic L1	INTERHARM_I2_L1	42537	float	%	
Current 2.inter-harmonic L2	INTERHARM_I2_L2	42539	float	%	
Current 2.inter-harmonic L3	INTERHARM_I2_L3	42541	float	%	
Current 2.inter-harmonic L4	INTERHARM_I2_L4	42543	float	%	
Current 3.inter-harmonic L1	INTERHARM_I3_L1	42545	float	%	
Current 3.inter-harmonic L2	INTERHARM_I3_L2	42547	float	%	
Current 3.inter-harmonic L3	INTERHARM_I3_L3	42549	float	%	
Current 3.inter-harmonic L4	INTERHARM_I3_L4	42551	float	%	
Current 4.inter-harmonic L1	INTERHARM_I4_L1	42553	float	%	
Current 4.inter-harmonic L2	INTERHARM_I4_L2	42555	float	%	
Current 4.inter-harmonic L3	INTERHARM_I4_L3	42557	float	%	
Current 4.inter-harmonic L4	INTERHARM_I4_L4	42559	float	%	
Current 5.inter-harmonic L1	INTERHARM_I5_L1	42561	float	%	
Current 5.inter-harmonic L2	INTERHARM_I5_L2	42563	float	%	
Current 5.inter-harmonic L3	INTERHARM_I5_L3	42565	float	%	
Current 5.inter-harmonic L4	INTERHARM_I5_L4	42567	float	%	
Current 6.inter-harmonic L1	INTERHARM_I6_L1	42569	float	%	
Current 6.inter-harmonic L2	INTERHARM_I6_L2	42571	float	%	
Current 6.inter-harmonic L3	INTERHARM_I6_L3	42573	float	%	
Current 6.inter-harmonic L4	INTERHARM_I6_L4	42575	float	%	
Current 7.inter-harmonic L1	INTERHARM_I7_L1	42577	float	%	
Current 7.inter-harmonic L2	INTERHARM_I7_L2	42579	float	%	
Current 7.inter-harmonic L3	INTERHARM_I7_L3	42581	float	%	
Current 7.inter-harmonic L4	INTERHARM_I7_L4	42583	float	%	
Current 8.inter-harmonic L1	INTERHARM_I8_L1	42585	float	%	
Current 8.inter-harmonic L2	INTERHARM_I8_L2	42587	float	%	
Current 8.inter-harmonic L3	INTERHARM_I8_L3	42589	float	%	
Current 8.inter-harmonic L4	INTERHARM_I8_L4	42591	float	%	
Current 9.inter-harmonic L1	INTERHARM_I9_L1	42593	float	%	
Current 9.inter-harmonic L2	INTERHARM_I9_L2	42595	float	%	
Current 9.inter-harmonic L3	INTERHARM_I9_L3	42597	float	%	
Current 9.inter-harmonic L4	INTERHARM_I9_L4	42599	float	%	
Current 10.inter-harmonic L1	INTERHARM_I10_L1	42601	float	%	
Current 10.inter-harmonic L2	INTERHARM_I10_L2	42603	float	%	
Current 10.inter-harmonic L3	INTERHARM_I10_L3	42605	float	%	
Current 10.inter-harmonic L4	INTERHARM_I10_L4	42607	float	%	
Current 11.inter-harmonic L1	INTERHARM_I11_L1	42609	float	%	
Current 11.inter-harmonic L2	INTERHARM_I11_L2	42611	float	%	
Current 11.inter-harmonic L3	INTERHARM_I11_L3	42613	float	%	
Current 11.inter-harmonic L4	INTERHARM_I11_L4	42615	float	%	
Current 12.inter-harmonic L1	INTERHARM_I12_L1	42617	float	%	
Current 12.inter-harmonic L2	INTERHARM_I12_L2	42619	float	%	
Current 12.inter-harmonic L3	INTERHARM_I12_L3	42621	float	%	
Current 12.inter-harmonic L4	INTERHARM_I12_L4	42623	float	%	
Current 13.inter-harmonic L1	INTERHARM_I13_L1	42625	float	%	
Current 13.inter-harmonic L2	INTERHARM_I13_L2	42627	float	%	
Current 13.inter-harmonic L3	INTERHARM_I13_L3	42629	float	%	
Current 13.inter-harmonic L4	INTERHARM_I13_L4	42631	float	%	
Current 14.inter-harmonic L1	INTERHARM_I14_L1	42633	float	%	
Current 14.inter-harmonic L2	INTERHARM_I14_L2	42635	float	%	
Current 14.inter-harmonic L3	INTERHARM_I14_L3	42637	float	%	
Current 14.inter-harmonic L4	INTERHARM_I14_L4	42639	float	%	
Current 15.inter-harmonic L1	INTERHARM_I15_L1	42641	float	%	
Current 15.inter-harmonic L2	INTERHARM_I15_L2	42643	float	%	
Current 15.inter-harmonic L3	INTERHARM_I15_L3	42645	float	%	
Current 15.inter-harmonic L4	INTERHARM_I15_L4	42647	float	%	
Current 16.inter-harmonic L1	INTERHARM_I16_L1	42649	float	%	
Current 16.inter-harmonic L2	INTERHARM_I16_L2	42651	float	%	
Current 16.inter-harmonic L3	INTERHARM_I16_L3	42653	float	%	
Current 16.inter-harmonic L4	INTERHARM_I16_L4	42655	float	%	
Current 17.inter-harmonic L1	INTERHARM_I17_L1	42657	float	%	
Current 17.inter-harmonic L2	INTERHARM_I17_L2	42659	float	%	
Current 17.inter-harmonic L3	INTERHARM_I17_L3	42661	float	%	
Current 17.inter-harmonic L4	INTERHARM_I17_L4	42663	float	%	
Current 18.inter-harmonic L1	INTERHARM_I18_L1	42665	float	%	
Current 18.inter-harmonic L2	INTERHARM_I18_L2	42667	float	%	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 18.inter-harmonic L3	INTERHARM_I18_L3	42669	float	%	
Current 18.inter-harmonic L4	INTERHARM_I18_L4	42671	float	%	
Current 19.inter-harmonic L1	INTERHARM_I19_L1	42673	float	%	
Current 19.inter-harmonic L2	INTERHARM_I19_L2	42675	float	%	
Current 19.inter-harmonic L3	INTERHARM_I19_L3	42677	float	%	
Current 19.inter-harmonic L4	INTERHARM_I19_L4	42679	float	%	
Current 20.inter-harmonic L1	INTERHARM_I20_L1	42681	float	%	
Current 20.inter-harmonic L2	INTERHARM_I20_L2	42683	float	%	
Current 20.inter-harmonic L3	INTERHARM_I20_L3	42685	float	%	
Current 20.inter-harmonic L4	INTERHARM_I20_L4	42687	float	%	
Current 21.inter-harmonic L1	INTERHARM_I21_L1	42689	float	%	
Current 21.inter-harmonic L2	INTERHARM_I21_L2	42691	float	%	
Current 21.inter-harmonic L3	INTERHARM_I21_L3	42693	float	%	
Current 21.inter-harmonic L4	INTERHARM_I21_L4	42695	float	%	
Current 22.inter-harmonic L1	INTERHARM_I22_L1	42697	float	%	
Current 22.inter-harmonic L2	INTERHARM_I22_L2	42699	float	%	
Current 22.inter-harmonic L3	INTERHARM_I22_L3	42701	float	%	
Current 22.inter-harmonic L4	INTERHARM_I22_L4	42703	float	%	
Current 23.inter-harmonic L1	INTERHARM_I23_L1	42705	float	%	
Current 23.inter-harmonic L2	INTERHARM_I23_L2	42707	float	%	
Current 23.inter-harmonic L3	INTERHARM_I23_L3	42709	float	%	
Current 23.inter-harmonic L4	INTERHARM_I23_L4	42711	float	%	
Current 24.inter-harmonic L1	INTERHARM_I24_L1	42713	float	%	
Current 24.inter-harmonic L2	INTERHARM_I24_L2	42715	float	%	
Current 24.inter-harmonic L3	INTERHARM_I24_L3	42717	float	%	
Current 24.inter-harmonic L4	INTERHARM_I24_L4	42719	float	%	
Current 25.inter-harmonic L1	INTERHARM_I25_L1	42721	float	%	
Current 25.inter-harmonic L2	INTERHARM_I25_L2	42723	float	%	
Current 25.inter-harmonic L3	INTERHARM_I25_L3	42725	float	%	
Current 25.inter-harmonic L4	INTERHARM_I25_L4	42727	float	%	
Current 26.inter-harmonic L1	INTERHARM_I26_L1	42729	float	%	
Current 26.inter-harmonic L2	INTERHARM_I26_L2	42731	float	%	
Current 26.inter-harmonic L3	INTERHARM_I26_L3	42733	float	%	
Current 26.inter-harmonic L4	INTERHARM_I26_L4	42735	float	%	
Current 27.inter-harmonic L1	INTERHARM_I27_L1	42737	float	%	
Current 27.inter-harmonic L2	INTERHARM_I27_L2	42739	float	%	
Current 27.inter-harmonic L3	INTERHARM_I27_L3	42741	float	%	
Current 27.inter-harmonic L4	INTERHARM_I27_L4	42743	float	%	
Current 28.inter-harmonic L1	INTERHARM_I28_L1	42745	float	%	
Current 28.inter-harmonic L2	INTERHARM_I28_L2	42747	float	%	
Current 28.inter-harmonic L3	INTERHARM_I28_L3	42749	float	%	
Current 28.inter-harmonic L4	INTERHARM_I28_L4	42751	float	%	
Current 29.inter-harmonic L1	INTERHARM_I29_L1	42753	float	%	
Current 29.inter-harmonic L2	INTERHARM_I29_L2	42755	float	%	
Current 29.inter-harmonic L3	INTERHARM_I29_L3	42757	float	%	
Current 29.inter-harmonic L4	INTERHARM_I29_L4	42759	float	%	
Current 30.inter-harmonic L1	INTERHARM_I30_L1	42761	float	%	
Current 30.inter-harmonic L2	INTERHARM_I30_L2	42763	float	%	
Current 30.inter-harmonic L3	INTERHARM_I30_L3	42765	float	%	
Current 30.inter-harmonic L4	INTERHARM_I30_L4	42767	float	%	
Current 31.inter-harmonic L1	INTERHARM_I31_L1	42769	float	%	
Current 31.inter-harmonic L2	INTERHARM_I31_L2	42771	float	%	
Current 31.inter-harmonic L3	INTERHARM_I31_L3	42773	float	%	
Current 31.inter-harmonic L4	INTERHARM_I31_L4	42775	float	%	
Current 32.inter-harmonic L1	INTERHARM_I32_L1	42777	float	%	
Current 32.inter-harmonic L2	INTERHARM_I32_L2	42779	float	%	
Current 32.inter-harmonic L3	INTERHARM_I32_L3	42781	float	%	
Current 32.inter-harmonic L4	INTERHARM_I32_L4	42783	float	%	
Current 33.inter-harmonic L1	INTERHARM_I33_L1	42785	float	%	
Current 33.inter-harmonic L2	INTERHARM_I33_L2	42787	float	%	
Current 33.inter-harmonic L3	INTERHARM_I33_L3	42789	float	%	
Current 33.inter-harmonic L4	INTERHARM_I33_L4	42791	float	%	
Current 34.inter-harmonic L1	INTERHARM_I34_L1	42793	float	%	
Current 34.inter-harmonic L2	INTERHARM_I34_L2	42795	float	%	
Current 34.inter-harmonic L3	INTERHARM_I34_L3	42797	float	%	
Current 34.inter-harmonic L4	INTERHARM_I34_L4	42799	float	%	
Current 35.inter-harmonic L1	INTERHARM_I35_L1	42801	float	%	
Current 35.inter-harmonic L2	INTERHARM_I35_L2	42803	float	%	
Current 35.inter-harmonic L3	INTERHARM_I35_L3	42805	float	%	
Current 35.inter-harmonic L4	INTERHARM_I35_L4	42807	float	%	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 36.inter-harmonic L1	INTERHARM_136_L1	42809	float	%	
Current 36.inter-harmonic L2	INTERHARM_136_L2	42811	float	%	
Current 36.inter-harmonic L3	INTERHARM_136_L3	42813	float	%	
Current 36.inter-harmonic L4	INTERHARM_136_L4	42815	float	%	
Current 37.inter-harmonic L1	INTERHARM_137_L1	42817	float	%	
Current 37.inter-harmonic L2	INTERHARM_137_L2	42819	float	%	
Current 37.inter-harmonic L3	INTERHARM_137_L3	42821	float	%	
Current 37.inter-harmonic L4	INTERHARM_137_L4	42823	float	%	
Current 38.inter-harmonic L1	INTERHARM_138_L1	42825	float	%	
Current 38.inter-harmonic L2	INTERHARM_138_L2	42827	float	%	
Current 38.inter-harmonic L3	INTERHARM_138_L3	42829	float	%	
Current 38.inter-harmonic L4	INTERHARM_138_L4	42831	float	%	
Current 39.inter-harmonic L1	INTERHARM_139_L1	42833	float	%	
Current 39.inter-harmonic L2	INTERHARM_139_L2	42835	float	%	
Current 39.inter-harmonic L3	INTERHARM_139_L3	42837	float	%	
Current 39.inter-harmonic L4	INTERHARM_139_L4	42839	float	%	
Current 40.inter-harmonic L1	INTERHARM_140_L1	42841	float	%	
Current 40.inter-harmonic L2	INTERHARM_140_L2	42843	float	%	
Current 40.inter-harmonic L3	INTERHARM_140_L3	42845	float	%	
Current 40.inter-harmonic L4	INTERHARM_140_L4	42847	float	%	
Current 41.inter-harmonic L1	INTERHARM_141_L1	42849	float	%	
Current 41.inter-harmonic L2	INTERHARM_141_L2	42851	float	%	
Current 41.inter-harmonic L3	INTERHARM_141_L3	42853	float	%	
Current 41.inter-harmonic L4	INTERHARM_141_L4	42855	float	%	
Current 42.inter-harmonic L1	INTERHARM_142_L1	42857	float	%	
Current 42.inter-harmonic L2	INTERHARM_142_L2	42859	float	%	
Current 42.inter-harmonic L3	INTERHARM_142_L3	42861	float	%	
Current 42.inter-harmonic L4	INTERHARM_142_L4	42863	float	%	
Current 43.inter-harmonic L1	INTERHARM_143_L1	42865	float	%	
Current 43.inter-harmonic L2	INTERHARM_143_L2	42867	float	%	
Current 43.inter-harmonic L3	INTERHARM_143_L3	42869	float	%	
Current 43.inter-harmonic L4	INTERHARM_143_L4	42871	float	%	
Current 44.inter-harmonic L1	INTERHARM_144_L1	42873	float	%	
Current 44.inter-harmonic L2	INTERHARM_144_L2	42875	float	%	
Current 44.inter-harmonic L3	INTERHARM_144_L3	42877	float	%	
Current 44.inter-harmonic L4	INTERHARM_144_L4	42879	float	%	
Current 45.inter-harmonic L1	INTERHARM_145_L1	42881	float	%	
Current 45.inter-harmonic L2	INTERHARM_145_L2	42883	float	%	
Current 45.inter-harmonic L3	INTERHARM_145_L3	42885	float	%	
Current 45.inter-harmonic L4	INTERHARM_145_L4	42887	float	%	
Current 46.inter-harmonic L1	INTERHARM_146_L1	42889	float	%	
Current 46.inter-harmonic L2	INTERHARM_146_L2	42891	float	%	
Current 46.inter-harmonic L3	INTERHARM_146_L3	42893	float	%	
Current 46.inter-harmonic L4	INTERHARM_146_L4	42895	float	%	
Current 47.inter-harmonic L1	INTERHARM_147_L1	42897	float	%	
Current 47.inter-harmonic L2	INTERHARM_147_L2	42899	float	%	
Current 47.inter-harmonic L3	INTERHARM_147_L3	42901	float	%	
Current 47.inter-harmonic L4	INTERHARM_147_L4	42903	float	%	
Current 48.inter-harmonic L1	INTERHARM_148_L1	42905	float	%	
Current 48.inter-harmonic L2	INTERHARM_148_L2	42907	float	%	
Current 48.inter-harmonic L3	INTERHARM_148_L3	42909	float	%	
Current 48.inter-harmonic L4	INTERHARM_148_L4	42911	float	%	
Current 49.inter-harmonic L1	INTERHARM_149_L1	42913	float	%	
Current 49.inter-harmonic L2	INTERHARM_149_L2	42915	float	%	
Current 49.inter-harmonic L3	INTERHARM_149_L3	42917	float	%	
Current 49.inter-harmonic L4	INTERHARM_149_L4	42919	float	%	
Current 50.inter-harmonic L1	INTERHARM_150_L1	42921	float	%	
Current 50.inter-harmonic L2	INTERHARM_150_L2	42923	float	%	
Current 50.inter-harmonic L3	INTERHARM_150_L3	42925	float	%	
Current 50.inter-harmonic L4	INTERHARM_150_L4	42927	float	%	
Current 51.inter-harmonic L1	INTERHARM_151_L1	42929	float	%	
Current 51.inter-harmonic L2	INTERHARM_151_L2	42931	float	%	
Current 51.inter-harmonic L3	INTERHARM_151_L3	42933	float	%	
Current 51.inter-harmonic L4	INTERHARM_151_L4	42935	float	%	
Current 52.inter-harmonic L1	INTERHARM_152_L1	42937	float	%	
Current 52.inter-harmonic L2	INTERHARM_152_L2	42939	float	%	
Current 52.inter-harmonic L3	INTERHARM_152_L3	42941	float	%	
Current 52.inter-harmonic L4	INTERHARM_152_L4	42943	float	%	
Current 53.inter-harmonic L1	INTERHARM_153_L1	42945	float	%	
Current 53.inter-harmonic L2	INTERHARM_153_L2	42947	float	%	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 53.inter-harmonic L3	INTERHARM_153_L3	42949	float	%	
Current 53.inter-harmonic L4	INTERHARM_153_L4	42951	float	%	
Current 54.inter-harmonic L1	INTERHARM_154_L1	42953	float	%	
Current 54.inter-harmonic L2	INTERHARM_154_L2	42955	float	%	
Current 54.inter-harmonic L3	INTERHARM_154_L3	42957	float	%	
Current 54.inter-harmonic L4	INTERHARM_154_L4	42959	float	%	
Current 55.inter-harmonic L1	INTERHARM_155_L1	42961	float	%	
Current 55.inter-harmonic L2	INTERHARM_155_L2	42963	float	%	
Current 55.inter-harmonic L3	INTERHARM_155_L3	42965	float	%	
Current 55.inter-harmonic L4	INTERHARM_155_L4	42967	float	%	
Current 56.inter-harmonic L1	INTERHARM_156_L1	42969	float	%	
Current 56.inter-harmonic L2	INTERHARM_156_L2	42971	float	%	
Current 56.inter-harmonic L3	INTERHARM_156_L3	42973	float	%	
Current 56.inter-harmonic L4	INTERHARM_156_L4	42975	float	%	
Current 57.inter-harmonic L1	INTERHARM_157_L1	42977	float	%	
Current 57.inter-harmonic L2	INTERHARM_157_L2	42979	float	%	
Current 57.inter-harmonic L3	INTERHARM_157_L3	42981	float	%	
Current 57.inter-harmonic L4	INTERHARM_157_L4	42983	float	%	
Current 58.inter-harmonic L1	INTERHARM_158_L1	42985	float	%	
Current 58.inter-harmonic L2	INTERHARM_158_L2	42987	float	%	
Current 58.inter-harmonic L3	INTERHARM_158_L3	42989	float	%	
Current 58.inter-harmonic L4	INTERHARM_158_L4	42991	float	%	
Current 59.inter-harmonic L1	INTERHARM_159_L1	42993	float	%	
Current 59.inter-harmonic L2	INTERHARM_159_L2	42995	float	%	
Current 59.inter-harmonic L3	INTERHARM_159_L3	42997	float	%	
Current 59.inter-harmonic L4	INTERHARM_159_L4	42999	float	%	
Current 60.inter-harmonic L1	INTERHARM_160_L1	43001	float	%	
Current 60.inter-harmonic L2	INTERHARM_160_L2	43003	float	%	
Current 60.inter-harmonic L3	INTERHARM_160_L3	43005	float	%	
Current 60.inter-harmonic L4	INTERHARM_160_L4	43007	float	%	
Current 61.inter-harmonic L1	INTERHARM_161_L1	43009	float	%	
Current 61.inter-harmonic L2	INTERHARM_161_L2	43011	float	%	
Current 61.inter-harmonic L3	INTERHARM_161_L3	43013	float	%	
Current 61.inter-harmonic L4	INTERHARM_161_L4	43015	float	%	
Current 62.inter-harmonic L1	INTERHARM_162_L1	43017	float	%	
Current 62.inter-harmonic L2	INTERHARM_162_L2	43019	float	%	
Current 62.inter-harmonic L3	INTERHARM_162_L3	43021	float	%	
Current 62.inter-harmonic L4	INTERHARM_162_L4	43023	float	%	
Current 63.inter-harmonic L1	INTERHARM_163_L1	43025	float	%	
Current 63.inter-harmonic L2	INTERHARM_163_L2	43027	float	%	
Current 63.inter-harmonic L3	INTERHARM_163_L3	43029	float	%	
Current 63.inter-harmonic L4	INTERHARM_163_L4	43031	float	%	
Current 64.inter-harmonic L1	INTERHARM_164_L1	43033	float	%	
Current 64.inter-harmonic L2	INTERHARM_164_L2	43035	float	%	
Current 64.inter-harmonic L3	INTERHARM_164_L3	43037	float	%	
Current 64.inter-harmonic L4	INTERHARM_164_L4	43039	float	%	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.group harmonic L1	GROUP_HARM_I1_L1	43041	float	%	
Current 1.group harmonic L2	GROUP_HARM_I1_L2	43043	float	%	
Current 1.group harmonic L3	GROUP_HARM_I1_L3	43045	float	%	
Current 1.group harmonic L4	GROUP_HARM_I1_L4	43047	float	%	
Current 2.group harmonic L1	GROUP_HARM_I2_L1	43049	float	%	
Current 2.group harmonic L2	GROUP_HARM_I2_L2	43051	float	%	
Current 2.group harmonic L3	GROUP_HARM_I2_L3	43053	float	%	
Current 2.group harmonic L4	GROUP_HARM_I2_L4	43055	float	%	
Current 3.group harmonic L1	GROUP_HARM_I3_L1	43057	float	%	
Current 3.group harmonic L2	GROUP_HARM_I3_L2	43059	float	%	
Current 3.group harmonic L3	GROUP_HARM_I3_L3	43061	float	%	
Current 3.group harmonic L4	GROUP_HARM_I3_L4	43063	float	%	
Current 4.group harmonic L1	GROUP_HARM_I4_L1	43065	float	%	
Current 4.group harmonic L2	GROUP_HARM_I4_L2	43067	float	%	
Current 4.group harmonic L3	GROUP_HARM_I4_L3	43069	float	%	
Current 4.group harmonic L4	GROUP_HARM_I4_L4	43071	float	%	
Current 5.group harmonic L1	GROUP_HARM_I5_L1	43073	float	%	
Current 5.group harmonic L2	GROUP_HARM_I5_L2	43075	float	%	
Current 5.group harmonic L3	GROUP_HARM_I5_L3	43077	float	%	
Current 5.group harmonic L4	GROUP_HARM_I5_L4	43079	float	%	
Current 6.group harmonic L1	GROUP_HARM_I6_L1	43081	float	%	
Current 6.group harmonic L2	GROUP_HARM_I6_L2	43083	float	%	
Current 6.group harmonic L3	GROUP_HARM_I6_L3	43085	float	%	
Current 6.group harmonic L4	GROUP_HARM_I6_L4	43087	float	%	
Current 7.group harmonic L1	GROUP_HARM_I7_L1	43089	float	%	
Current 7.group harmonic L2	GROUP_HARM_I7_L2	43091	float	%	
Current 7.group harmonic L3	GROUP_HARM_I7_L3	43093	float	%	
Current 7.group harmonic L4	GROUP_HARM_I7_L4	43095	float	%	
Current 8.group harmonic L1	GROUP_HARM_I8_L1	43097	float	%	
Current 8.group harmonic L2	GROUP_HARM_I8_L2	43099	float	%	
Current 8.group harmonic L3	GROUP_HARM_I8_L3	43101	float	%	
Current 8.group harmonic L4	GROUP_HARM_I8_L4	43103	float	%	
Current 9.group harmonic L1	GROUP_HARM_I9_L1	43105	float	%	
Current 9.group harmonic L2	GROUP_HARM_I9_L2	43107	float	%	
Current 9.group harmonic L3	GROUP_HARM_I9_L3	43109	float	%	
Current 9.group harmonic L4	GROUP_HARM_I9_L4	43111	float	%	
Current 10.group harmonic L1	GROUP_HARM_I10_L1	43113	float	%	
Current 10.group harmonic L2	GROUP_HARM_I10_L2	43115	float	%	
Current 10.group harmonic L3	GROUP_HARM_I10_L3	43117	float	%	
Current 10.group harmonic L4	GROUP_HARM_I10_L4	43119	float	%	
Current 11.group harmonic L1	GROUP_HARM_I11_L1	43121	float	%	
Current 11.group harmonic L2	GROUP_HARM_I11_L2	43123	float	%	
Current 11.group harmonic L3	GROUP_HARM_I11_L3	43125	float	%	
Current 11.group harmonic L4	GROUP_HARM_I11_L4	43127	float	%	
Current 12.group harmonic L1	GROUP_HARM_I12_L1	43129	float	%	
Current 12.group harmonic L2	GROUP_HARM_I12_L2	43131	float	%	
Current 12.group harmonic L3	GROUP_HARM_I12_L3	43133	float	%	
Current 12.group harmonic L4	GROUP_HARM_I12_L4	43135	float	%	
Current 13.group harmonic L1	GROUP_HARM_I13_L1	43137	float	%	
Current 13.group harmonic L2	GROUP_HARM_I13_L2	43139	float	%	
Current 13.group harmonic L3	GROUP_HARM_I13_L3	43141	float	%	
Current 13.group harmonic L4	GROUP_HARM_I13_L4	43143	float	%	
Current 14.group harmonic L1	GROUP_HARM_I14_L1	43145	float	%	
Current 14.group harmonic L2	GROUP_HARM_I14_L2	43147	float	%	
Current 14.group harmonic L3	GROUP_HARM_I14_L3	43149	float	%	
Current 14.group harmonic L4	GROUP_HARM_I14_L4	43151	float	%	
Current 15.group harmonic L1	GROUP_HARM_I15_L1	43153	float	%	
Current 15.group harmonic L2	GROUP_HARM_I15_L2	43155	float	%	
Current 15.group harmonic L3	GROUP_HARM_I15_L3	43157	float	%	
Current 15.group harmonic L4	GROUP_HARM_I15_L4	43159	float	%	
Current 16.group harmonic L1	GROUP_HARM_I16_L1	43161	float	%	
Current 16.group harmonic L2	GROUP_HARM_I16_L2	43163	float	%	
Current 16.group harmonic L3	GROUP_HARM_I16_L3	43165	float	%	
Current 16.group harmonic L4	GROUP_HARM_I16_L4	43167	float	%	
Current 17.group harmonic L1	GROUP_HARM_I17_L1	43169	float	%	
Current 17.group harmonic L2	GROUP_HARM_I17_L2	43171	float	%	
Current 17.group harmonic L3	GROUP_HARM_I17_L3	43173	float	%	
Current 17.group harmonic L4	GROUP_HARM_I17_L4	43175	float	%	
Current 18.group harmonic L1	GROUP_HARM_I18_L1	43177	float	%	
Current 18.group harmonic L2	GROUP_HARM_I18_L2	43179	float	%	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 18.group harmonic L3	GROUP_HARM_I18_L3	43181	float	%	
Current 18.group harmonic L4	GROUP_HARM_I18_L4	43183	float	%	
Current 19.group harmonic L1	GROUP_HARM_I19_L1	43185	float	%	
Current 19.group harmonic L2	GROUP_HARM_I19_L2	43187	float	%	
Current 19.group harmonic L3	GROUP_HARM_I19_L3	43189	float	%	
Current 19.group harmonic L4	GROUP_HARM_I19_L4	43191	float	%	
Current 20.group harmonic L1	GROUP_HARM_I20_L1	43193	float	%	
Current 20.group harmonic L2	GROUP_HARM_I20_L2	43195	float	%	
Current 20.group harmonic L3	GROUP_HARM_I20_L3	43197	float	%	
Current 20.group harmonic L4	GROUP_HARM_I20_L4	43199	float	%	
Current 21.group harmonic L1	GROUP_HARM_I21_L1	43201	float	%	
Current 21.group harmonic L2	GROUP_HARM_I21_L2	43203	float	%	
Current 21.group harmonic L3	GROUP_HARM_I21_L3	43205	float	%	
Current 21.group harmonic L4	GROUP_HARM_I21_L4	43207	float	%	
Current 22.group harmonic L1	GROUP_HARM_I22_L1	43209	float	%	
Current 22.group harmonic L2	GROUP_HARM_I22_L2	43211	float	%	
Current 22.group harmonic L3	GROUP_HARM_I22_L3	43213	float	%	
Current 22.group harmonic L4	GROUP_HARM_I22_L4	43215	float	%	
Current 23.group harmonic L1	GROUP_HARM_I23_L1	43217	float	%	
Current 23.group harmonic L2	GROUP_HARM_I23_L2	43219	float	%	
Current 23.group harmonic L3	GROUP_HARM_I23_L3	43221	float	%	
Current 23.group harmonic L4	GROUP_HARM_I23_L4	43223	float	%	
Current 24.group harmonic L1	GROUP_HARM_I24_L1	43225	float	%	
Current 24.group harmonic L2	GROUP_HARM_I24_L2	43227	float	%	
Current 24.group harmonic L3	GROUP_HARM_I24_L3	43229	float	%	
Current 24.group harmonic L4	GROUP_HARM_I24_L4	43231	float	%	
Current 25.group harmonic L1	GROUP_HARM_I25_L1	43233	float	%	
Current 25.group harmonic L2	GROUP_HARM_I25_L2	43235	float	%	
Current 25.group harmonic L3	GROUP_HARM_I25_L3	43237	float	%	
Current 25.group harmonic L4	GROUP_HARM_I25_L4	43239	float	%	
Current 26.group harmonic L1	GROUP_HARM_I26_L1	43241	float	%	
Current 26.group harmonic L2	GROUP_HARM_I26_L2	43243	float	%	
Current 26.group harmonic L3	GROUP_HARM_I26_L3	43245	float	%	
Current 26.group harmonic L4	GROUP_HARM_I26_L4	43247	float	%	
Current 27.group harmonic L1	GROUP_HARM_I27_L1	43249	float	%	
Current 27.group harmonic L2	GROUP_HARM_I27_L2	43251	float	%	
Current 27.group harmonic L3	GROUP_HARM_I27_L3	43253	float	%	
Current 27.group harmonic L4	GROUP_HARM_I27_L4	43255	float	%	
Current 28.group harmonic L1	GROUP_HARM_I28_L1	43257	float	%	
Current 28.group harmonic L2	GROUP_HARM_I28_L2	43259	float	%	
Current 28.group harmonic L3	GROUP_HARM_I28_L3	43261	float	%	
Current 28.group harmonic L4	GROUP_HARM_I28_L4	43263	float	%	
Current 29.group harmonic L1	GROUP_HARM_I29_L1	43265	float	%	
Current 29.group harmonic L2	GROUP_HARM_I29_L2	43267	float	%	
Current 29.group harmonic L3	GROUP_HARM_I29_L3	43269	float	%	
Current 29.group harmonic L4	GROUP_HARM_I29_L4	43271	float	%	
Current 30.group harmonic L1	GROUP_HARM_I30_L1	43273	float	%	
Current 30.group harmonic L2	GROUP_HARM_I30_L2	43275	float	%	
Current 30.group harmonic L3	GROUP_HARM_I30_L3	43277	float	%	
Current 30.group harmonic L4	GROUP_HARM_I30_L4	43279	float	%	
Current 31.group harmonic L1	GROUP_HARM_I31_L1	43281	float	%	
Current 31.group harmonic L2	GROUP_HARM_I31_L2	43283	float	%	
Current 31.group harmonic L3	GROUP_HARM_I31_L3	43285	float	%	
Current 31.group harmonic L4	GROUP_HARM_I31_L4	43287	float	%	
Current 32.group harmonic L1	GROUP_HARM_I32_L1	43289	float	%	
Current 32.group harmonic L2	GROUP_HARM_I32_L2	43291	float	%	
Current 32.group harmonic L3	GROUP_HARM_I32_L3	43293	float	%	
Current 32.group harmonic L4	GROUP_HARM_I32_L4	43295	float	%	
Current 33.group harmonic L1	GROUP_HARM_I33_L1	43297	float	%	
Current 33.group harmonic L2	GROUP_HARM_I33_L2	43299	float	%	
Current 33.group harmonic L3	GROUP_HARM_I33_L3	43301	float	%	
Current 33.group harmonic L4	GROUP_HARM_I33_L4	43303	float	%	
Current 34.group harmonic L1	GROUP_HARM_I34_L1	43305	float	%	
Current 34.group harmonic L2	GROUP_HARM_I34_L2	43307	float	%	
Current 34.group harmonic L3	GROUP_HARM_I34_L3	43309	float	%	
Current 34.group harmonic L4	GROUP_HARM_I34_L4	43311	float	%	
Current 35.group harmonic L1	GROUP_HARM_I35_L1	43313	float	%	
Current 35.group harmonic L2	GROUP_HARM_I35_L2	43315	float	%	
Current 35.group harmonic L3	GROUP_HARM_I35_L3	43317	float	%	
Current 35.group harmonic L4	GROUP_HARM_I35_L4	43319	float	%	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 36.group harmonic L1	GROUP_HARM_I36_L1	43321	float	%	
Current 36.group harmonic L2	GROUP_HARM_I36_L2	43323	float	%	
Current 36.group harmonic L3	GROUP_HARM_I36_L3	43325	float	%	
Current 36.group harmonic L4	GROUP_HARM_I36_L4	43327	float	%	
Current 37.group harmonic L1	GROUP_HARM_I37_L1	43329	float	%	
Current 37.group harmonic L2	GROUP_HARM_I37_L2	43331	float	%	
Current 37.group harmonic L3	GROUP_HARM_I37_L3	43333	float	%	
Current 37.group harmonic L4	GROUP_HARM_I37_L4	43335	float	%	
Current 38.group harmonic L1	GROUP_HARM_I38_L1	43337	float	%	
Current 38.group harmonic L2	GROUP_HARM_I38_L2	43339	float	%	
Current 38.group harmonic L3	GROUP_HARM_I38_L3	43341	float	%	
Current 38.group harmonic L4	GROUP_HARM_I38_L4	43343	float	%	
Current 39.group harmonic L1	GROUP_HARM_I39_L1	43345	float	%	
Current 39.group harmonic L2	GROUP_HARM_I39_L2	43347	float	%	
Current 39.group harmonic L3	GROUP_HARM_I39_L3	43349	float	%	
Current 39.group harmonic L4	GROUP_HARM_I39_L4	43351	float	%	
Current 40.group harmonic L1	GROUP_HARM_I40_L1	43353	float	%	
Current 40.group harmonic L2	GROUP_HARM_I40_L2	43355	float	%	
Current 40.group harmonic L3	GROUP_HARM_I40_L3	43357	float	%	
Current 40.group harmonic L4	GROUP_HARM_I40_L4	43359	float	%	
Current 41.group harmonic L1	GROUP_HARM_I41_L1	43361	float	%	
Current 41.group harmonic L2	GROUP_HARM_I41_L2	43363	float	%	
Current 41.group harmonic L3	GROUP_HARM_I41_L3	43365	float	%	
Current 41.group harmonic L4	GROUP_HARM_I41_L4	43367	float	%	
Current 42.group harmonic L1	GROUP_HARM_I42_L1	43369	float	%	
Current 42.group harmonic L2	GROUP_HARM_I42_L2	43371	float	%	
Current 42.group harmonic L3	GROUP_HARM_I42_L3	43373	float	%	
Current 42.group harmonic L4	GROUP_HARM_I42_L4	43375	float	%	
Current 43.group harmonic L1	GROUP_HARM_I43_L1	43377	float	%	
Current 43.group harmonic L2	GROUP_HARM_I43_L2	43379	float	%	
Current 43.group harmonic L3	GROUP_HARM_I43_L3	43381	float	%	
Current 43.group harmonic L4	GROUP_HARM_I43_L4	43383	float	%	
Current 44.group harmonic L1	GROUP_HARM_I44_L1	43385	float	%	
Current 44.group harmonic L2	GROUP_HARM_I44_L2	43387	float	%	
Current 44.group harmonic L3	GROUP_HARM_I44_L3	43389	float	%	
Current 44.group harmonic L4	GROUP_HARM_I44_L4	43391	float	%	
Current 45.group harmonic L1	GROUP_HARM_I45_L1	43393	float	%	
Current 45.group harmonic L2	GROUP_HARM_I45_L2	43395	float	%	
Current 45.group harmonic L3	GROUP_HARM_I45_L3	43397	float	%	
Current 45.group harmonic L4	GROUP_HARM_I45_L4	43399	float	%	
Current 46.group harmonic L1	GROUP_HARM_I46_L1	43401	float	%	
Current 46.group harmonic L2	GROUP_HARM_I46_L2	43403	float	%	
Current 46.group harmonic L3	GROUP_HARM_I46_L3	43405	float	%	
Current 46.group harmonic L4	GROUP_HARM_I46_L4	43407	float	%	
Current 47.group harmonic L1	GROUP_HARM_I47_L1	43409	float	%	
Current 47.group harmonic L2	GROUP_HARM_I47_L2	43411	float	%	
Current 47.group harmonic L3	GROUP_HARM_I47_L3	43413	float	%	
Current 47.group harmonic L4	GROUP_HARM_I47_L4	43415	float	%	
Current 48.group harmonic L1	GROUP_HARM_I48_L1	43417	float	%	
Current 48.group harmonic L2	GROUP_HARM_I48_L2	43419	float	%	
Current 48.group harmonic L3	GROUP_HARM_I48_L3	43421	float	%	
Current 48.group harmonic L4	GROUP_HARM_I48_L4	43423	float	%	
Current 49.group harmonic L1	GROUP_HARM_I49_L1	43425	float	%	
Current 49.group harmonic L2	GROUP_HARM_I49_L2	43427	float	%	
Current 49.group harmonic L3	GROUP_HARM_I49_L3	43429	float	%	
Current 49.group harmonic L4	GROUP_HARM_I49_L4	43431	float	%	
Current 50.group harmonic L1	GROUP_HARM_I50_L1	43433	float	%	
Current 50.group harmonic L2	GROUP_HARM_I50_L2	43435	float	%	
Current 50.group harmonic L3	GROUP_HARM_I50_L3	43437	float	%	
Current 50.group harmonic L4	GROUP_HARM_I50_L4	43439	float	%	
Current 51.group harmonic L1	GROUP_HARM_I51_L1	43441	float	%	
Current 51.group harmonic L2	GROUP_HARM_I51_L2	43443	float	%	
Current 51.group harmonic L3	GROUP_HARM_I51_L3	43445	float	%	
Current 51.group harmonic L4	GROUP_HARM_I51_L4	43447	float	%	
Current 52.group harmonic L1	GROUP_HARM_I52_L1	43449	float	%	
Current 52.group harmonic L2	GROUP_HARM_I52_L2	43451	float	%	
Current 52.group harmonic L3	GROUP_HARM_I52_L3	43453	float	%	
Current 52.group harmonic L4	GROUP_HARM_I52_L4	43455	float	%	
Current 53.group harmonic L1	GROUP_HARM_I53_L1	43457	float	%	
Current 53.group harmonic L2	GROUP_HARM_I53_L2	43459	float	%	

Current group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Current 53.group harmonic L3	GROUP_HARM_I53_L3	43461	float	%
Current 53.group harmonic L4	GROUP_HARM_I53_L4	43463	float	%
Current 54.group harmonic L1	GROUP_HARM_I54_L1	43465	float	%
Current 54.group harmonic L2	GROUP_HARM_I54_L2	43467	float	%
Current 54.group harmonic L3	GROUP_HARM_I54_L3	43469	float	%
Current 54.group harmonic L4	GROUP_HARM_I54_L4	43471	float	%
Current 55.group harmonic L1	GROUP_HARM_I55_L1	43473	float	%
Current 55.group harmonic L2	GROUP_HARM_I55_L2	43475	float	%
Current 55.group harmonic L3	GROUP_HARM_I55_L3	43477	float	%
Current 55.group harmonic L4	GROUP_HARM_I55_L4	43479	float	%
Current 56.group harmonic L1	GROUP_HARM_I56_L1	43481	float	%
Current 56.group harmonic L2	GROUP_HARM_I56_L2	43483	float	%
Current 56.group harmonic L3	GROUP_HARM_I56_L3	43485	float	%
Current 56.group harmonic L4	GROUP_HARM_I56_L4	43487	float	%
Current 57.group harmonic L1	GROUP_HARM_I57_L1	43489	float	%
Current 57.group harmonic L2	GROUP_HARM_I57_L2	43491	float	%
Current 57.group harmonic L3	GROUP_HARM_I57_L3	43493	float	%
Current 57.group harmonic L4	GROUP_HARM_I57_L4	43495	float	%
Current 58.group harmonic L1	GROUP_HARM_I58_L1	43497	float	%
Current 58.group harmonic L2	GROUP_HARM_I58_L2	43499	float	%
Current 58.group harmonic L3	GROUP_HARM_I58_L3	43501	float	%
Current 58.group harmonic L4	GROUP_HARM_I58_L4	43503	float	%
Current 59.group harmonic L1	GROUP_HARM_I59_L1	43505	float	%
Current 59.group harmonic L2	GROUP_HARM_I59_L2	43507	float	%
Current 59.group harmonic L3	GROUP_HARM_I59_L3	43509	float	%
Current 59.group harmonic L4	GROUP_HARM_I59_L4	43511	float	%
Current 60.group harmonic L1	GROUP_HARM_I60_L1	43513	float	%
Current 60.group harmonic L2	GROUP_HARM_I60_L2	43515	float	%
Current 60.group harmonic L3	GROUP_HARM_I60_L3	43517	float	%
Current 60.group harmonic L4	GROUP_HARM_I60_L4	43519	float	%
Current 61.group harmonic L1	GROUP_HARM_I61_L1	43521	float	%
Current 61.group harmonic L2	GROUP_HARM_I61_L2	43523	float	%
Current 61.group harmonic L3	GROUP_HARM_I61_L3	43525	float	%
Current 61.group harmonic L4	GROUP_HARM_I61_L4	43527	float	%
Current 62.group harmonic L1	GROUP_HARM_I62_L1	43529	float	%
Current 62.group harmonic L2	GROUP_HARM_I62_L2	43531	float	%
Current 62.group harmonic L3	GROUP_HARM_I62_L3	43533	float	%
Current 62.group harmonic L4	GROUP_HARM_I62_L4	43535	float	%
Current 63.group harmonic L1	GROUP_HARM_I63_L1	43537	float	%
Current 63.group harmonic L2	GROUP_HARM_I63_L2	43539	float	%
Current 63.group harmonic L3	GROUP_HARM_I63_L3	43541	float	%
Current 63.group harmonic L4	GROUP_HARM_I63_L4	43543	float	%
Current 64.group harmonic L1	GROUP_HARM_I64_L1	43545	float	%
Current 64.group harmonic L2	GROUP_HARM_I64_L2	43547	float	%
Current 64.group harmonic L3	GROUP_HARM_I64_L3	43549	float	%
Current 64.group harmonic L4	GROUP_HARM_I64_L4	43551	float	%

Active power harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Active power 1.harmonic L1	HARM_P1_L1	43553	float	%
Active power 1.harmonic L2	HARM_P1_L2	43555	float	%
Active power 1.harmonic L3	HARM_P1_L3	43557	float	%
	NULL	43559	float	%
Active power 2.harmonic L1	HARM_P2_L1	43561	float	%
Active power 2.harmonic L2	HARM_P2_L2	43563	float	%
Active power 2.harmonic L3	HARM_P2_L3	43565	float	%
	NULL	43567	float	%
Active power 3.harmonic L1	HARM_P3_L1	43569	float	%
Active power 3.harmonic L2	HARM_P3_L2	43571	float	%
Active power 3.harmonic L3	HARM_P3_L3	43573	float	%
	NULL	43575	float	%
Active power 4.harmonic L1	HARM_P4_L1	43577	float	%
Active power 4.harmonic L2	HARM_P4_L2	43579	float	%
Active power 4.harmonic L3	HARM_P4_L3	43581	float	%
	NULL	43583	float	%
Active power 5.harmonic L1	HARM_P5_L1	43585	float	%
Active power 5.harmonic L2	HARM_P5_L2	43587	float	%
Active power 5.harmonic L3	HARM_P5_L3	43589	float	%
	NULL	43591	float	%
Active power 6.harmonic L1	HARM_P6_L1	43593	float	%
Active power 6.harmonic L2	HARM_P6_L2	43595	float	%
Active power 6.harmonic L3	HARM_P6_L3	43597	float	%
	NULL	43599	float	%
Active power 7.harmonic L1	HARM_P7_L1	43601	float	%
Active power 7.harmonic L2	HARM_P7_L2	43603	float	%
Active power 7.harmonic L3	HARM_P7_L3	43605	float	%
	NULL	43607	float	%
Active power 8.harmonic L1	HARM_P8_L1	43609	float	%
Active power 8.harmonic L2	HARM_P8_L2	43611	float	%
Active power 8.harmonic L3	HARM_P8_L3	43613	float	%
	NULL	43615	float	%
Active power 9.harmonic L1	HARM_P9_L1	43617	float	%
Active power 9.harmonic L2	HARM_P9_L2	43619	float	%
Active power 9.harmonic L3	HARM_P9_L3	43621	float	%
	NULL	43623	float	%
Active power 10.harmonic L1	HARM_P10_L1	43625	float	%
Active power 10.harmonic L2	HARM_P10_L2	43627	float	%
Active power 10.harmonic L3	HARM_P10_L3	43629	float	%
	NULL	43631	float	%
Active power 11.harmonic L1	HARM_P11_L1	43633	float	%
Active power 11.harmonic L2	HARM_P11_L2	43635	float	%
Active power 11.harmonic L3	HARM_P11_L3	43637	float	%
	NULL	43639	float	%
Active power 12.harmonic L1	HARM_P12_L1	43641	float	%
Active power 12.harmonic L2	HARM_P12_L2	43643	float	%
Active power 12.harmonic L3	HARM_P12_L3	43645	float	%
	NULL	43647	float	%
Active power 13.harmonic L1	HARM_P13_L1	43649	float	%
Active power 13.harmonic L2	HARM_P13_L2	43651	float	%
Active power 13.harmonic L3	HARM_P13_L3	43653	float	%
	NULL	43655	float	%
Active power 14.harmonic L1	HARM_P14_L1	43657	float	%
Active power 14.harmonic L2	HARM_P14_L2	43659	float	%
Active power 14.harmonic L3	HARM_P14_L3	43661	float	%
	NULL	43663	float	%
Active power 15.harmonic L1	HARM_P15_L1	43665	float	%
Active power 15.harmonic L2	HARM_P15_L2	43667	float	%
Active power 15.harmonic L3	HARM_P15_L3	43669	float	%
	NULL	43671	float	%
Active power 16.harmonic L1	HARM_P16_L1	43673	float	%
Active power 16.harmonic L2	HARM_P16_L2	43675	float	%
Active power 16.harmonic L3	HARM_P16_L3	43677	float	%
	NULL	43679	float	%
Active power 17.harmonic L1	HARM_P17_L1	43681	float	%
Active power 17.harmonic L2	HARM_P17_L2	43683	float	%
Active power 17.harmonic L3	HARM_P17_L3	43685	float	%
	NULL	43687	float	%
Active power 18.harmonic L1	HARM_P18_L1	43689	float	%
Active power 18.harmonic L2	HARM_P18_L2	43691	float	%

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 18.harmonic L3	HARM_P18_L3	43693	float	%	
	NULL	43695	float	%	
Active power 19.harmonic L1	HARM_P19_L1	43697	float	%	
Active power 19.harmonic L2	HARM_P19_L2	43699	float	%	
Active power 19.harmonic L3	HARM_P19_L3	43701	float	%	
	NULL	43703	float	%	
Active power 20.harmonic L1	HARM_P20_L1	43705	float	%	
Active power 20.harmonic L2	HARM_P20_L2	43707	float	%	
Active power 20.harmonic L3	HARM_P20_L3	43709	float	%	
	NULL	43711	float	%	
Active power 21.harmonic L1	HARM_P21_L1	43713	float	%	
Active power 21.harmonic L2	HARM_P21_L2	43715	float	%	
Active power 21.harmonic L3	HARM_P21_L3	43717	float	%	
	NULL	43719	float	%	
Active power 22.harmonic L1	HARM_P22_L1	43721	float	%	
Active power 22.harmonic L2	HARM_P22_L2	43723	float	%	
Active power 22.harmonic L3	HARM_P22_L3	43725	float	%	
	NULL	43727	float	%	
Active power 23.harmonic L1	HARM_P23_L1	43729	float	%	
Active power 23.harmonic L2	HARM_P23_L2	43731	float	%	
Active power 23.harmonic L3	HARM_P23_L3	43733	float	%	
	NULL	43735	float	%	
Active power 24.harmonic L1	HARM_P24_L1	43737	float	%	
Active power 24.harmonic L2	HARM_P24_L2	43739	float	%	
Active power 24.harmonic L3	HARM_P24_L3	43741	float	%	
	NULL	43743	float	%	
Active power 25.harmonic L1	HARM_P25_L1	43745	float	%	
Active power 25.harmonic L2	HARM_P25_L2	43747	float	%	
Active power 25.harmonic L3	HARM_P25_L3	43749	float	%	
	NULL	43751	float	%	
Active power 26.harmonic L1	HARM_P26_L1	43753	float	%	
Active power 26.harmonic L2	HARM_P26_L2	43755	float	%	
Active power 26.harmonic L3	HARM_P26_L3	43757	float	%	
	NULL	43759	float	%	
Active power 27.harmonic L1	HARM_P27_L1	43761	float	%	
Active power 27.harmonic L2	HARM_P27_L2	43763	float	%	
Active power 27.harmonic L3	HARM_P27_L3	43765	float	%	
	NULL	43767	float	%	
Active power 28.harmonic L1	HARM_P28_L1	43769	float	%	
Active power 28.harmonic L2	HARM_P28_L2	43771	float	%	
Active power 28.harmonic L3	HARM_P28_L3	43773	float	%	
	NULL	43775	float	%	
Active power 29.harmonic L1	HARM_P29_L1	43777	float	%	
Active power 29.harmonic L2	HARM_P29_L2	43779	float	%	
Active power 29.harmonic L3	HARM_P29_L3	43781	float	%	
	NULL	43783	float	%	
Active power 30.harmonic L1	HARM_P30_L1	43785	float	%	
Active power 30.harmonic L2	HARM_P30_L2	43787	float	%	
Active power 30.harmonic L3	HARM_P30_L3	43789	float	%	
	NULL	43791	float	%	
Active power 31.harmonic L1	HARM_P31_L1	43793	float	%	
Active power 31.harmonic L2	HARM_P31_L2	43795	float	%	
Active power 31.harmonic L3	HARM_P31_L3	43797	float	%	
	NULL	43799	float	%	
Active power 32.harmonic L1	HARM_P32_L1	43801	float	%	
Active power 32.harmonic L2	HARM_P32_L2	43803	float	%	
Active power 32.harmonic L3	HARM_P32_L3	43805	float	%	
	NULL	43807	float	%	
Active power 33.harmonic L1	HARM_P33_L1	43809	float	%	
Active power 33.harmonic L2	HARM_P33_L2	43811	float	%	
Active power 33.harmonic L3	HARM_P33_L3	43813	float	%	
	NULL	43815	float	%	
Active power 34.harmonic L1	HARM_P34_L1	43817	float	%	
Active power 34.harmonic L2	HARM_P34_L2	43819	float	%	
Active power 34.harmonic L3	HARM_P34_L3	43821	float	%	
	NULL	43823	float	%	
Active power 35.harmonic L1	HARM_P35_L1	43825	float	%	
Active power 35.harmonic L2	HARM_P35_L2	43827	float	%	
Active power 35.harmonic L3	HARM_P35_L3	43829	float	%	
	NULL	43831	float	%	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 36.harmonic L1	HARM_P36_L1	43833	float	%	
Active power 36.harmonic L2	HARM_P36_L2	43835	float	%	
Active power 36.harmonic L3	HARM_P36_L3	43837	float	%	
	NULL	43839	float	%	
Active power 37.harmonic L1	HARM_P37_L1	43841	float	%	
Active power 37.harmonic L2	HARM_P37_L2	43843	float	%	
Active power 37.harmonic L3	HARM_P37_L3	43845	float	%	
	NULL	43847	float	%	
Active power 38.harmonic L1	HARM_P38_L1	43849	float	%	
Active power 38.harmonic L2	HARM_P38_L2	43851	float	%	
Active power 38.harmonic L3	HARM_P38_L3	43853	float	%	
	NULL	43855	float	%	
Active power 39.harmonic L1	HARM_P39_L1	43857	float	%	
Active power 39.harmonic L2	HARM_P39_L2	43859	float	%	
Active power 39.harmonic L3	HARM_P39_L3	43861	float	%	
	NULL	43863	float	%	
Active power 40.harmonic L1	HARM_P40_L1	43865	float	%	
Active power 40.harmonic L2	HARM_P40_L2	43867	float	%	
Active power 40.harmonic L3	HARM_P40_L3	43869	float	%	
	NULL	43871	float	%	
Active power 41.harmonic L1	HARM_P41_L1	43873	float	%	
Active power 41.harmonic L2	HARM_P41_L2	43875	float	%	
Active power 41.harmonic L3	HARM_P41_L3	43877	float	%	
	NULL	43879	float	%	
Active power 42.harmonic L1	HARM_P42_L1	43881	float	%	
Active power 42.harmonic L2	HARM_P42_L2	43883	float	%	
Active power 42.harmonic L3	HARM_P42_L3	43885	float	%	
	NULL	43887	float	%	
Active power 43.harmonic L1	HARM_P43_L1	43889	float	%	
Active power 43.harmonic L2	HARM_P43_L2	43891	float	%	
Active power 43.harmonic L3	HARM_P43_L3	43893	float	%	
	NULL	43895	float	%	
Active power 44.harmonic L1	HARM_P44_L1	43897	float	%	
Active power 44.harmonic L2	HARM_P44_L2	43899	float	%	
Active power 44.harmonic L3	HARM_P44_L3	43901	float	%	
	NULL	43903	float	%	
Active power 45.harmonic L1	HARM_P45_L1	43905	float	%	
Active power 45.harmonic L2	HARM_P45_L2	43907	float	%	
Active power 45.harmonic L3	HARM_P45_L3	43909	float	%	
	NULL	43911	float	%	
Active power 46.harmonic L1	HARM_P46_L1	43913	float	%	
Active power 46.harmonic L2	HARM_P46_L2	43915	float	%	
Active power 46.harmonic L3	HARM_P46_L3	43917	float	%	
	NULL	43919	float	%	
Active power 47.harmonic L1	HARM_P47_L1	43921	float	%	
Active power 47.harmonic L2	HARM_P47_L2	43923	float	%	
Active power 47.harmonic L3	HARM_P47_L3	43925	float	%	
	NULL	43927	float	%	
Active power 48.harmonic L1	HARM_P48_L1	43929	float	%	
Active power 48.harmonic L2	HARM_P48_L2	43931	float	%	
Active power 48.harmonic L3	HARM_P48_L3	43933	float	%	
	NULL	43935	float	%	
Active power 49.harmonic L1	HARM_P49_L1	43937	float	%	
Active power 49.harmonic L2	HARM_P49_L2	43939	float	%	
Active power 49.harmonic L3	HARM_P49_L3	43941	float	%	
	NULL	43943	float	%	
Active power 50.harmonic L1	HARM_P50_L1	43945	float	%	
Active power 50.harmonic L2	HARM_P50_L2	43947	float	%	
Active power 50.harmonic L3	HARM_P50_L3	43949	float	%	
	NULL	43951	float	%	
Active power 51.harmonic L1	HARM_P51_L1	43953	float	%	
Active power 51.harmonic L2	HARM_P51_L2	43955	float	%	
Active power 51.harmonic L3	HARM_P51_L3	43957	float	%	
	NULL	43959	float	%	
Active power 52.harmonic L1	HARM_P52_L1	43961	float	%	
Active power 52.harmonic L2	HARM_P52_L2	43963	float	%	
Active power 52.harmonic L3	HARM_P52_L3	43965	float	%	
	NULL	43967	float	%	
Active power 53.harmonic L1	HARM_P53_L1	43969	float	%	
Active power 53.harmonic L2	HARM_P53_L2	43971	float	%	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 53.harmonic L3	HARM_P53_L3	43973	float	%	
	NULL	43975	float	%	
Active power 54.harmonic L1	HARM_P54_L1	43977	float	%	
Active power 54.harmonic L2	HARM_P54_L2	43979	float	%	
Active power 54.harmonic L3	HARM_P54_L3	43981	float	%	
	NULL	43983	float	%	
Active power 55.harmonic L1	HARM_P55_L1	43985	float	%	
Active power 55.harmonic L2	HARM_P55_L2	43987	float	%	
Active power 55.harmonic L3	HARM_P55_L3	43989	float	%	
	NULL	43991	float	%	
Active power 56.harmonic L1	HARM_P56_L1	43993	float	%	
Active power 56.harmonic L2	HARM_P56_L2	43995	float	%	
Active power 56.harmonic L3	HARM_P56_L3	43997	float	%	
	NULL	43999	float	%	
Active power 57.harmonic L1	HARM_P57_L1	44001	float	%	
Active power 57.harmonic L2	HARM_P57_L2	44003	float	%	
Active power 57.harmonic L3	HARM_P57_L3	44005	float	%	
	NULL	44007	float	%	
Active power 58.harmonic L1	HARM_P58_L1	44009	float	%	
Active power 58.harmonic L2	HARM_P58_L2	44011	float	%	
Active power 58.harmonic L3	HARM_P58_L3	44013	float	%	
	NULL	44015	float	%	
Active power 59.harmonic L1	HARM_P59_L1	44017	float	%	
Active power 59.harmonic L2	HARM_P59_L2	44019	float	%	
Active power 59.harmonic L3	HARM_P59_L3	44021	float	%	
	NULL	44023	float	%	
Active power 60.harmonic L1	HARM_P60_L1	44025	float	%	
Active power 60.harmonic L2	HARM_P60_L2	44027	float	%	
Active power 60.harmonic L3	HARM_P60_L3	44029	float	%	
	NULL	44031	float	%	
Active power 61.harmonic L1	HARM_P61_L1	44033	float	%	
Active power 61.harmonic L2	HARM_P61_L2	44035	float	%	
Active power 61.harmonic L3	HARM_P61_L3	44037	float	%	
	NULL	44039	float	%	
Active power 62.harmonic L1	HARM_P62_L1	44041	float	%	
Active power 62.harmonic L2	HARM_P62_L2	44043	float	%	
Active power 62.harmonic L3	HARM_P62_L3	44045	float	%	
	NULL	44047	float	%	
Active power 63.harmonic L1	HARM_P63_L1	44049	float	%	
Active power 63.harmonic L2	HARM_P63_L2	44051	float	%	
Active power 63.harmonic L3	HARM_P63_L3	44053	float	%	
	NULL	44055	float	%	
Active power 64.harmonic L1	HARM_P64_L1	44057	float	%	
Active power 64.harmonic L2	HARM_P64_L2	44059	float	%	
Active power 64.harmonic L3	HARM_P64_L3	44061	float	%	
	NULL	44063	float	%	

Reactive power harmonics					
DESCRIPTION		NAME	ADDRESS	TYPE	UNIT
Reactive power 1.harmonic L1		HARM_Q1_L1	44065	float	%
Reactive power 1.harmonic L2		HARM_Q1_L2	44067	float	%
Reactive power 1.harmonic L3		HARM_Q1_L3	44069	float	%
		NULL	44071	float	%
Reactive power 2.harmonic L1		HARM_Q2_L1	44073	float	%
Reactive power 2.harmonic L2		HARM_Q2_L2	44075	float	%
Reactive power 2.harmonic L3		HARM_Q2_L3	44077	float	%
		NULL	44079	float	%
Reactive power 3.harmonic L1		HARM_Q3_L1	44081	float	%
Reactive power 3.harmonic L2		HARM_Q3_L2	44083	float	%
Reactive power 3.harmonic L3		HARM_Q3_L3	44085	float	%
		NULL	44087	float	%
Reactive power 4.harmonic L1		HARM_Q4_L1	44089	float	%
Reactive power 4.harmonic L2		HARM_Q4_L2	44091	float	%
Reactive power 4.harmonic L3		HARM_Q4_L3	44093	float	%
		NULL	44095	float	%
Reactive power 5.harmonic L1		HARM_Q5_L1	44097	float	%
Reactive power 5.harmonic L2		HARM_Q5_L2	44099	float	%
Reactive power 5.harmonic L3		HARM_Q5_L3	44101	float	%
		NULL	44103	float	%
Reactive power 6.harmonic L1		HARM_Q6_L1	44105	float	%
Reactive power 6.harmonic L2		HARM_Q6_L2	44107	float	%
Reactive power 6.harmonic L3		HARM_Q6_L3	44109	float	%
		NULL	44111	float	%
Reactive power 7.harmonic L1		HARM_Q7_L1	44113	float	%
Reactive power 7.harmonic L2		HARM_Q7_L2	44115	float	%
Reactive power 7.harmonic L3		HARM_Q7_L3	44117	float	%
		NULL	44119	float	%
Reactive power 8.harmonic L1		HARM_Q8_L1	44121	float	%
Reactive power 8.harmonic L2		HARM_Q8_L2	44123	float	%
Reactive power 8.harmonic L3		HARM_Q8_L3	44125	float	%
		NULL	44127	float	%
Reactive power 9.harmonic L1		HARM_Q9_L1	44129	float	%
Reactive power 9.harmonic L2		HARM_Q9_L2	44131	float	%
Reactive power 9.harmonic L3		HARM_Q9_L3	44133	float	%
		NULL	44135	float	%
Reactive power 10.harmonic L1		HARM_Q10_L1	44137	float	%
Reactive power 10.harmonic L2		HARM_Q10_L2	44139	float	%
Reactive power 10.harmonic L3		HARM_Q10_L3	44141	float	%
		NULL	44143	float	%
Reactive power 11.harmonic L1		HARM_Q11_L1	44145	float	%
Reactive power 11.harmonic L2		HARM_Q11_L2	44147	float	%
Reactive power 11.harmonic L3		HARM_Q11_L3	44149	float	%
		NULL	44151	float	%
Reactive power 12.harmonic L1		HARM_Q12_L1	44153	float	%
Reactive power 12.harmonic L2		HARM_Q12_L2	44155	float	%
Reactive power 12.harmonic L3		HARM_Q12_L3	44157	float	%
		NULL	44159	float	%
Reactive power 13.harmonic L1		HARM_Q13_L1	44161	float	%
Reactive power 13.harmonic L2		HARM_Q13_L2	44163	float	%
Reactive power 13.harmonic L3		HARM_Q13_L3	44165	float	%
		NULL	44167	float	%
Reactive power 14.harmonic L1		HARM_Q14_L1	44169	float	%
Reactive power 14.harmonic L2		HARM_Q14_L2	44171	float	%
Reactive power 14.harmonic L3		HARM_Q14_L3	44173	float	%
		NULL	44175	float	%
Reactive power 15.harmonic L1		HARM_Q15_L1	44177	float	%
Reactive power 15.harmonic L2		HARM_Q15_L2	44179	float	%
Reactive power 15.harmonic L3		HARM_Q15_L3	44181	float	%
		NULL	44183	float	%
Reactive power 16.harmonic L1		HARM_Q16_L1	44185	float	%
Reactive power 16.harmonic L2		HARM_Q16_L2	44187	float	%
Reactive power 16.harmonic L3		HARM_Q16_L3	44189	float	%
		NULL	44191	float	%
Reactive power 17.harmonic L1		HARM_Q17_L1	44193	float	%
Reactive power 17.harmonic L2		HARM_Q17_L2	44195	float	%
Reactive power 17.harmonic L3		HARM_Q17_L3	44197	float	%
		NULL	44199	float	%
Reactive power 18.harmonic L1		HARM_Q18_L1	44201	float	%
Reactive power 18.harmonic L2		HARM_Q18_L2	44203	float	%

Reactive power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Reactive power 18.harmonic L3	HARM_Q18_L3	44205	float	%	
	NULL	44207	float	%	
Reactive power 19.harmonic L1	HARM_Q19_L1	44209	float	%	
Reactive power 19.harmonic L2	HARM_Q19_L2	44211	float	%	
Reactive power 19.harmonic L3	HARM_Q19_L3	44213	float	%	
	NULL	44215	float	%	
Reactive power 20.harmonic L1	HARM_Q20_L1	44217	float	%	
Reactive power 20.harmonic L2	HARM_Q20_L2	44219	float	%	
Reactive power 20.harmonic L3	HARM_Q20_L3	44221	float	%	
	NULL	44223	float	%	
Reactive power 21.harmonic L1	HARM_Q21_L1	44225	float	%	
Reactive power 21.harmonic L2	HARM_Q21_L2	44227	float	%	
Reactive power 21.harmonic L3	HARM_Q21_L3	44229	float	%	
	NULL	44231	float	%	
Reactive power 22.harmonic L1	HARM_Q22_L1	44233	float	%	
Reactive power 22.harmonic L2	HARM_Q22_L2	44235	float	%	
Reactive power 22.harmonic L3	HARM_Q22_L3	44237	float	%	
	NULL	44239	float	%	
Reactive power 23.harmonic L1	HARM_Q23_L1	44241	float	%	
Reactive power 23.harmonic L2	HARM_Q23_L2	44243	float	%	
Reactive power 23.harmonic L3	HARM_Q23_L3	44245	float	%	
	NULL	44247	float	%	
Reactive power 24.harmonic L1	HARM_Q24_L1	44249	float	%	
Reactive power 24.harmonic L2	HARM_Q24_L2	44251	float	%	
Reactive power 24.harmonic L3	HARM_Q24_L3	44253	float	%	
	NULL	44255	float	%	
Reactive power 25.harmonic L1	HARM_Q25_L1	44257	float	%	
Reactive power 25.harmonic L2	HARM_Q25_L2	44259	float	%	
Reactive power 25.harmonic L3	HARM_Q25_L3	44261	float	%	
	NULL	44263	float	%	
Reactive power 26.harmonic L1	HARM_Q26_L1	44265	float	%	
Reactive power 26.harmonic L2	HARM_Q26_L2	44267	float	%	
Reactive power 26.harmonic L3	HARM_Q26_L3	44269	float	%	
	NULL	44271	float	%	
Reactive power 27.harmonic L1	HARM_Q27_L1	44273	float	%	
Reactive power 27.harmonic L2	HARM_Q27_L2	44275	float	%	
Reactive power 27.harmonic L3	HARM_Q27_L3	44277	float	%	
	NULL	44279	float	%	
Reactive power 28.harmonic L1	HARM_Q28_L1	44281	float	%	
Reactive power 28.harmonic L2	HARM_Q28_L2	44283	float	%	
Reactive power 28.harmonic L3	HARM_Q28_L3	44285	float	%	
	NULL	44287	float	%	
Reactive power 29.harmonic L1	HARM_Q29_L1	44289	float	%	
Reactive power 29.harmonic L2	HARM_Q29_L2	44291	float	%	
Reactive power 29.harmonic L3	HARM_Q29_L3	44293	float	%	
	NULL	44295	float	%	
Reactive power 30.harmonic L1	HARM_Q30_L1	44297	float	%	
Reactive power 30.harmonic L2	HARM_Q30_L2	44299	float	%	
Reactive power 30.harmonic L3	HARM_Q30_L3	44301	float	%	
	NULL	44303	float	%	
Reactive power 31.harmonic L1	HARM_Q31_L1	44305	float	%	
Reactive power 31.harmonic L2	HARM_Q31_L2	44307	float	%	
Reactive power 31.harmonic L3	HARM_Q31_L3	44309	float	%	
	NULL	44311	float	%	
Reactive power 32.harmonic L1	HARM_Q32_L1	44313	float	%	
Reactive power 32.harmonic L2	HARM_Q32_L2	44315	float	%	
Reactive power 32.harmonic L3	HARM_Q32_L3	44317	float	%	
	NULL	44319	float	%	
Reactive power 33.harmonic L1	HARM_Q33_L1	44321	float	%	
Reactive power 33.harmonic L2	HARM_Q33_L2	44323	float	%	
Reactive power 33.harmonic L3	HARM_Q33_L3	44325	float	%	
	NULL	44327	float	%	
Reactive power 34.harmonic L1	HARM_Q34_L1	44329	float	%	
Reactive power 34.harmonic L2	HARM_Q34_L2	44331	float	%	
Reactive power 34.harmonic L3	HARM_Q34_L3	44333	float	%	
	NULL	44335	float	%	
Reactive power 35.harmonic L1	HARM_Q35_L1	44337	float	%	
Reactive power 35.harmonic L2	HARM_Q35_L2	44339	float	%	
Reactive power 35.harmonic L3	HARM_Q35_L3	44341	float	%	
	NULL	44343	float	%	

Reactive power harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Reactive power 36.harmonic L1	HARM_Q36_L1	44345	float	%
Reactive power 36.harmonic L2	HARM_Q36_L2	44347	float	%
Reactive power 36.harmonic L3	HARM_Q36_L3	44349	float	%
	NULL	44351	float	%
Reactive power 37.harmonic L1	HARM_Q37_L1	44353	float	%
Reactive power 37.harmonic L2	HARM_Q37_L2	44355	float	%
Reactive power 37.harmonic L3	HARM_Q37_L3	44357	float	%
	NULL	44359	float	%
Reactive power 38.harmonic L1	HARM_Q38_L1	44361	float	%
Reactive power 38.harmonic L2	HARM_Q38_L2	44363	float	%
Reactive power 38.harmonic L3	HARM_Q38_L3	44365	float	%
	NULL	44367	float	%
Reactive power 39.harmonic L1	HARM_Q39_L1	44369	float	%
Reactive power 39.harmonic L2	HARM_Q39_L2	44371	float	%
Reactive power 39.harmonic L3	HARM_Q39_L3	44373	float	%
	NULL	44375	float	%
Reactive power 40.harmonic L1	HARM_Q40_L1	44377	float	%
Reactive power 40.harmonic L2	HARM_Q40_L2	44379	float	%
Reactive power 40.harmonic L3	HARM_Q40_L3	44381	float	%
	NULL	44383	float	%
Reactive power 41.harmonic L1	HARM_Q41_L1	44385	float	%
Reactive power 41.harmonic L2	HARM_Q41_L2	44387	float	%
Reactive power 41.harmonic L3	HARM_Q41_L3	44389	float	%
	NULL	44391	float	%
Reactive power 42.harmonic L1	HARM_Q42_L1	44393	float	%
Reactive power 42.harmonic L2	HARM_Q42_L2	44395	float	%
Reactive power 42.harmonic L3	HARM_Q42_L3	44397	float	%
	NULL	44399	float	%
Reactive power 43.harmonic L1	HARM_Q43_L1	44401	float	%
Reactive power 43.harmonic L2	HARM_Q43_L2	44403	float	%
Reactive power 43.harmonic L3	HARM_Q43_L3	44405	float	%
	NULL	44407	float	%
Reactive power 44.harmonic L1	HARM_Q44_L1	44409	float	%
Reactive power 44.harmonic L2	HARM_Q44_L2	44411	float	%
Reactive power 44.harmonic L3	HARM_Q44_L3	44413	float	%
	NULL	44415	float	%
Reactive power 45.harmonic L1	HARM_Q45_L1	44417	float	%
Reactive power 45.harmonic L2	HARM_Q45_L2	44419	float	%
Reactive power 45.harmonic L3	HARM_Q45_L3	44421	float	%
	NULL	44423	float	%
Reactive power 46.harmonic L1	HARM_Q46_L1	44425	float	%
Reactive power 46.harmonic L2	HARM_Q46_L2	44427	float	%
Reactive power 46.harmonic L3	HARM_Q46_L3	44429	float	%
	NULL	44431	float	%
Reactive power 47.harmonic L1	HARM_Q47_L1	44433	float	%
Reactive power 47.harmonic L2	HARM_Q47_L2	44435	float	%
Reactive power 47.harmonic L3	HARM_Q47_L3	44437	float	%
	NULL	44439	float	%
Reactive power 48.harmonic L1	HARM_Q48_L1	44441	float	%
Reactive power 48.harmonic L2	HARM_Q48_L2	44443	float	%
Reactive power 48.harmonic L3	HARM_Q48_L3	44445	float	%
	NULL	44447	float	%
Reactive power 49.harmonic L1	HARM_Q49_L1	44449	float	%
Reactive power 49.harmonic L2	HARM_Q49_L2	44451	float	%
Reactive power 49.harmonic L3	HARM_Q49_L3	44453	float	%
	NULL	44455	float	%
Reactive power 50.harmonic L1	HARM_Q50_L1	44457	float	%
Reactive power 50.harmonic L2	HARM_Q50_L2	44459	float	%
Reactive power 50.harmonic L3	HARM_Q50_L3	44461	float	%
	NULL	44463	float	%
Reactive power 51.harmonic L1	HARM_Q51_L1	44465	float	%
Reactive power 51.harmonic L2	HARM_Q51_L2	44467	float	%
Reactive power 51.harmonic L3	HARM_Q51_L3	44469	float	%
	NULL	44471	float	%
Reactive power 52.harmonic L1	HARM_Q52_L1	44473	float	%
Reactive power 52.harmonic L2	HARM_Q52_L2	44475	float	%
Reactive power 52.harmonic L3	HARM_Q52_L3	44477	float	%
	NULL	44479	float	%
Reactive power 53.harmonic L1	HARM_Q53_L1	44481	float	%
Reactive power 53.harmonic L2	HARM_Q53_L2	44483	float	%

Reactive power harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Reactive power 53.harmonic L3	HARM_Q53_L3	44485	float	%
	NULL	44487	float	%
Reactive power 54.harmonic L1	HARM_Q54_L1	44489	float	%
Reactive power 54.harmonic L2	HARM_Q54_L2	44491	float	%
Reactive power 54.harmonic L3	HARM_Q54_L3	44493	float	%
	NULL	44495	float	%
Reactive power 55.harmonic L1	HARM_Q55_L1	44497	float	%
Reactive power 55.harmonic L2	HARM_Q55_L2	44499	float	%
Reactive power 55.harmonic L3	HARM_Q55_L3	44501	float	%
	NULL	44503	float	%
Reactive power 56.harmonic L1	HARM_Q56_L1	44505	float	%
Reactive power 56.harmonic L2	HARM_Q56_L2	44507	float	%
Reactive power 56.harmonic L3	HARM_Q56_L3	44509	float	%
	NULL	44511	float	%
Reactive power 57.harmonic L1	HARM_Q57_L1	44513	float	%
Reactive power 57.harmonic L2	HARM_Q57_L2	44515	float	%
Reactive power 57.harmonic L3	HARM_Q57_L3	44517	float	%
	NULL	44519	float	%
Reactive power 58.harmonic L1	HARM_Q58_L1	44521	float	%
Reactive power 58.harmonic L2	HARM_Q58_L2	44523	float	%
Reactive power 58.harmonic L3	HARM_Q58_L3	44525	float	%
	NULL	44527	float	%
Reactive power 59.harmonic L1	HARM_Q59_L1	44529	float	%
Reactive power 59.harmonic L2	HARM_Q59_L2	44531	float	%
Reactive power 59.harmonic L3	HARM_Q59_L3	44533	float	%
	NULL	44535	float	%
Reactive power 60.harmonic L1	HARM_Q60_L1	44537	float	%
Reactive power 60.harmonic L2	HARM_Q60_L2	44539	float	%
Reactive power 60.harmonic L3	HARM_Q60_L3	44541	float	%
	NULL	44543	float	%
Reactive power 61.harmonic L1	HARM_Q61_L1	44545	float	%
Reactive power 61.harmonic L2	HARM_Q61_L2	44547	float	%
Reactive power 61.harmonic L3	HARM_Q61_L3	44549	float	%
	NULL	44551	float	%
Reactive power 62.harmonic L1	HARM_Q62_L1	44553	float	%
Reactive power 62.harmonic L2	HARM_Q62_L2	44555	float	%
Reactive power 62.harmonic L3	HARM_Q62_L3	44557	float	%
	NULL	44559	float	%
Reactive power 63.harmonic L1	HARM_Q63_L1	44561	float	%
Reactive power 63.harmonic L2	HARM_Q63_L2	44563	float	%
Reactive power 63.harmonic L3	HARM_Q63_L3	44565	float	%
	NULL	44567	float	%
Reactive power 64.harmonic L1	HARM_Q64_L1	44569	float	%
Reactive power 64.harmonic L2	HARM_Q64_L2	44571	float	%
Reactive power 64.harmonic L3	HARM_Q64_L3	44573	float	%
	NULL	44575	float	%

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.harmonic L1 – L2	HARM_U1_L1_L2	44577	float	%	
Voltage 1.harmonic L2 – L3	HARM_U1_L2_L3	44579	float	%	
Voltage 1.harmonic L3 – L1	HARM_U1_L3_L1	44581	float	%	
	NULL	44583	float		
Voltage 2.harmonic L1 – L2	HARM_U2_L1_L2	44585	float	%	
Voltage 2.harmonic L2 – L3	HARM_U2_L2_L3	44587	float	%	
Voltage 2.harmonic L3 – L1	HARM_U2_L3_L1	44589	float	%	
	NULL	44591	float		
Voltage 3.harmonic L1 – L2	HARM_U3_L1_L2	44593	float	%	
Voltage 3.harmonic L2 – L3	HARM_U3_L2_L3	44595	float	%	
Voltage 3.harmonic L3 – L1	HARM_U3_L3_L1	44597	float	%	
	NULL	44599	float		
Voltage 4.harmonic L1 – L2	HARM_U4_L1_L2	44601	float	%	
Voltage 4.harmonic L2 – L3	HARM_U4_L2_L3	44603	float	%	
Voltage 4.harmonic L3 – L1	HARM_U4_L3_L1	44605	float	%	
	NULL	44607	float		
Voltage 5.harmonic L1 – L2	HARM_U5_L1_L2	44609	float	%	
Voltage 5.harmonic L2 – L3	HARM_U5_L2_L3	44611	float	%	
Voltage 5.harmonic L3 – L1	HARM_U5_L3_L1	44613	float	%	
	NULL	44615	float		
Voltage 6.harmonic L1 – L2	HARM_U6_L1_L2	44617	float	%	
Voltage 6.harmonic L2 – L3	HARM_U6_L2_L3	44619	float	%	
Voltage 6.harmonic L3 – L1	HARM_U6_L3_L1	44621	float	%	
	NULL	44623	float		
Voltage 7.harmonic L1 – L2	HARM_U7_L1_L2	44625	float	%	
Voltage 7.harmonic L2 – L3	HARM_U7_L2_L3	44627	float	%	
Voltage 7.harmonic L3 – L1	HARM_U7_L3_L1	44629	float	%	
	NULL	44631	float		
Voltage 8.harmonic L1 – L2	HARM_U8_L1_L2	44633	float	%	
Voltage 8.harmonic L2 – L3	HARM_U8_L2_L3	44635	float	%	
Voltage 8.harmonic L3 – L1	HARM_U8_L3_L1	44637	float	%	
	NULL	44639	float		
Voltage 9.harmonic L1 – L2	HARM_U9_L1_L2	44641	float	%	
Voltage 9.harmonic L2 – L3	HARM_U9_L2_L3	44643	float	%	
Voltage 9.harmonic L3 – L1	HARM_U9_L3_L1	44645	float	%	
	NULL	44647	float		
Voltage 10.harmonic L1 – L2	HARM_U10_L1_L2	44649	float	%	
Voltage 10.harmonic L2 – L3	HARM_U10_L2_L3	44651	float	%	
Voltage 10.harmonic L3 – L1	HARM_U10_L3_L1	44653	float	%	
	NULL	44655	float		
Voltage 11.harmonic L1 – L2	HARM_U11_L1_L2	44657	float	%	
Voltage 11.harmonic L2 – L3	HARM_U11_L2_L3	44659	float	%	
Voltage 11.harmonic L3 – L1	HARM_U11_L3_L1	44661	float	%	
	NULL	44663	float		
Voltage 12.harmonic L1 – L2	HARM_U12_L1_L2	44665	float	%	
Voltage 12.harmonic L2 – L3	HARM_U12_L2_L3	44667	float	%	
Voltage 12.harmonic L3 – L1	HARM_U12_L3_L1	44669	float	%	
	NULL	44671	float		
Voltage 13.harmonic L1 – L2	HARM_U13_L1_L2	44673	float	%	
Voltage 13.harmonic L2 – L3	HARM_U13_L2_L3	44675	float	%	
Voltage 13.harmonic L3 – L1	HARM_U13_L3_L1	44677	float	%	
	NULL	44679	float		
Voltage 14.harmonic L1 – L2	HARM_U14_L1_L2	44681	float	%	
Voltage 14.harmonic L2 – L3	HARM_U14_L2_L3	44683	float	%	
Voltage 14.harmonic L3 – L1	HARM_U14_L3_L1	44685	float	%	
	NULL	44687	float		
Voltage 15.harmonic L1 – L2	HARM_U15_L1_L2	44689	float	%	
Voltage 15.harmonic L2 – L3	HARM_U15_L2_L3	44691	float	%	
Voltage 15.harmonic L3 – L1	HARM_U15_L3_L1	44693	float	%	
	NULL	44695	float		
Voltage 16.harmonic L1 – L2	HARM_U16_L1_L2	44697	float	%	
Voltage 16.harmonic L2 – L3	HARM_U16_L2_L3	44699	float	%	
Voltage 16.harmonic L3 – L1	HARM_U16_L3_L1	44701	float	%	
	NULL	44703	float		
Voltage 17.harmonic L1 – L2	HARM_U17_L1_L2	44705	float	%	
Voltage 17.harmonic L2 – L3	HARM_U17_L2_L3	44707	float	%	
Voltage 17.harmonic L3 – L1	HARM_U17_L3_L1	44709	float	%	
	NULL	44711	float		
Voltage 18.harmonic L1 – L2	HARM_U18_L1_L2	44713	float	%	
Voltage 18.harmonic L2 – L3	HARM_U18_L2_L3	44715	float	%	

Line voltage harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 18.harmonic L3 – L1	HARM_U18_L3_L1	44717	float	%
	NULL	44719	float	
Voltage 19.harmonic L1 – L2	HARM_U19_L1_L2	44721	float	%
Voltage 19.harmonic L2 – L3	HARM_U19_L2_L3	44723	float	%
Voltage 19.harmonic L3 – L1	HARM_U19_L3_L1	44725	float	%
	NULL	44727	float	
Voltage 20.harmonic L1 – L2	HARM_U20_L1_L2	44729	float	%
Voltage 20.harmonic L2 – L3	HARM_U20_L2_L3	44731	float	%
Voltage 20.harmonic L3 – L1	HARM_U20_L3_L1	44733	float	%
	NULL	44735	float	
Voltage 21.harmonic L1 – L2	HARM_U21_L1_L2	44737	float	%
Voltage 21.harmonic L2 – L3	HARM_U21_L2_L3	44739	float	%
Voltage 21.harmonic L3 – L1	HARM_U21_L3_L1	44741	float	%
	NULL	44743	float	
Voltage 22.harmonic L1 – L2	HARM_U22_L1_L2	44745	float	%
Voltage 22.harmonic L2 – L3	HARM_U22_L2_L3	44747	float	%
Voltage 22.harmonic L3 – L1	HARM_U22_L3_L1	44749	float	%
	NULL	44751	float	
Voltage 23.harmonic L1 – L2	HARM_U23_L1_L2	44753	float	%
Voltage 23.harmonic L2 – L3	HARM_U23_L2_L3	44755	float	%
Voltage 23.harmonic L3 – L1	HARM_U23_L3_L1	44757	float	%
	NULL	44759	float	
Voltage 24.harmonic L1 – L2	HARM_U24_L1_L2	44761	float	%
Voltage 24.harmonic L2 – L3	HARM_U24_L2_L3	44763	float	%
Voltage 24.harmonic L3 – L1	HARM_U24_L3_L1	44765	float	%
	NULL	44767	float	
Voltage 25.harmonic L1 – L2	HARM_U25_L1_L2	44769	float	%
Voltage 25.harmonic L2 – L3	HARM_U25_L2_L3	44771	float	%
Voltage 25.harmonic L3 – L1	HARM_U25_L3_L1	44773	float	%
	NULL	44775	float	
Voltage 26.harmonic L1 – L2	HARM_U26_L1_L2	44777	float	%
Voltage 26.harmonic L2 – L3	HARM_U26_L2_L3	44779	float	%
Voltage 26.harmonic L3 – L1	HARM_U26_L3_L1	44781	float	%
	NULL	44783	float	
Voltage 27.harmonic L1 – L2	HARM_U27_L1_L2	44785	float	%
Voltage 27.harmonic L2 – L3	HARM_U27_L2_L3	44787	float	%
Voltage 27.harmonic L3 – L1	HARM_U27_L3_L1	44789	float	%
	NULL	44791	float	
Voltage 28.harmonic L1 – L2	HARM_U28_L1_L2	44793	float	%
Voltage 28.harmonic L2 – L3	HARM_U28_L2_L3	44795	float	%
Voltage 28.harmonic L3 – L1	HARM_U28_L3_L1	44797	float	%
	NULL	44799	float	
Voltage 29.harmonic L1 – L2	HARM_U29_L1_L2	44801	float	%
Voltage 29.harmonic L2 – L3	HARM_U29_L2_L3	44803	float	%
Voltage 29.harmonic L3 – L1	HARM_U29_L3_L1	44805	float	%
	NULL	44807	float	
Voltage 30.harmonic L1 – L2	HARM_U30_L1_L2	44809	float	%
Voltage 30.harmonic L2 – L3	HARM_U30_L2_L3	44811	float	%
Voltage 30.harmonic L3 – L1	HARM_U30_L3_L1	44813	float	%
	NULL	44815	float	
Voltage 31.harmonic L1 – L2	HARM_U31_L1_L2	44817	float	%
Voltage 31.harmonic L2 – L3	HARM_U31_L2_L3	44819	float	%
Voltage 31.harmonic L3 – L1	HARM_U31_L3_L1	44821	float	%
	NULL	44823	float	
Voltage 32.harmonic L1 – L2	HARM_U32_L1_L2	44825	float	%
Voltage 32.harmonic L2 – L3	HARM_U32_L2_L3	44827	float	%
Voltage 32.harmonic L3 – L1	HARM_U32_L3_L1	44829	float	%
	NULL	44831	float	
Voltage 33.harmonic L1 – L2	HARM_U33_L1_L2	44833	float	%
Voltage 33.harmonic L2 – L3	HARM_U33_L2_L3	44835	float	%
Voltage 33.harmonic L3 – L1	HARM_U33_L3_L1	44837	float	%
	NULL	44839	float	
Voltage 34.harmonic L1 – L2	HARM_U34_L1_L2	44841	float	%
Voltage 34.harmonic L2 – L3	HARM_U34_L2_L3	44843	float	%
Voltage 34.harmonic L3 – L1	HARM_U34_L3_L1	44845	float	%
	NULL	44847	float	
Voltage 35.harmonic L1 – L2	HARM_U35_L1_L2	44849	float	%
Voltage 35.harmonic L2 – L3	HARM_U35_L2_L3	44851	float	%
Voltage 35.harmonic L3 – L1	HARM_U35_L3_L1	44853	float	%
	NULL	44855	float	

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.harmonic L1 – L2	HARM_U36_L1_L2	44857	float	%	
Voltage 36.harmonic L2 – L3	HARM_U36_L2_L3	44859	float	%	
Voltage 36.harmonic L3 – L1	HARM_U36_L3_L1	44861	float	%	
	NULL	44863	float		
Voltage 37.harmonic L1 – L2	HARM_U37_L1_L2	44865	float	%	
Voltage 37.harmonic L2 – L3	HARM_U37_L2_L3	44867	float	%	
Voltage 37.harmonic L3 – L1	HARM_U37_L3_L1	44869	float	%	
	NULL	44871	float		
Voltage 38.harmonic L1 – L2	HARM_U38_L1_L2	44873	float	%	
Voltage 38.harmonic L2 – L3	HARM_U38_L2_L3	44875	float	%	
Voltage 38.harmonic L3 – L1	HARM_U38_L3_L1	44877	float	%	
	NULL	44879	float		
Voltage 39.harmonic L1 – L2	HARM_U39_L1_L2	44881	float	%	
Voltage 39.harmonic L2 – L3	HARM_U39_L2_L3	44883	float	%	
Voltage 39.harmonic L3 – L1	HARM_U39_L3_L1	44885	float	%	
	NULL	44887	float		
Voltage 40.harmonic L1 – L2	HARM_U40_L1_L2	44889	float	%	
Voltage 40.harmonic L2 – L3	HARM_U40_L2_L3	44891	float	%	
Voltage 40.harmonic L3 – L1	HARM_U40_L3_L1	44893	float	%	
	NULL	44895	float		
Voltage 41.harmonic L1 – L2	HARM_U41_L1_L2	44897	float	%	
Voltage 41.harmonic L2 – L3	HARM_U41_L2_L3	44899	float	%	
Voltage 41.harmonic L3 – L1	HARM_U41_L3_L1	44901	float	%	
	NULL	44903	float		
Voltage 42.harmonic L1 – L2	HARM_U42_L1_L2	44905	float	%	
Voltage 42.harmonic L2 – L3	HARM_U42_L2_L3	44907	float	%	
Voltage 42.harmonic L3 – L1	HARM_U42_L3_L1	44909	float	%	
	NULL	44911	float		
Voltage 43.harmonic L1 – L2	HARM_U43_L1_L2	44913	float	%	
Voltage 43.harmonic L2 – L3	HARM_U43_L2_L3	44915	float	%	
Voltage 43.harmonic L3 – L1	HARM_U43_L3_L1	44917	float	%	
	NULL	44919	float		
Voltage 44.harmonic L1 – L2	HARM_U44_L1_L2	44921	float	%	
Voltage 44.harmonic L2 – L3	HARM_U44_L2_L3	44923	float	%	
Voltage 44.harmonic L3 – L1	HARM_U44_L3_L1	44925	float	%	
	NULL	44927	float		
Voltage 45.harmonic L1 – L2	HARM_U45_L1_L2	44929	float	%	
Voltage 45.harmonic L2 – L3	HARM_U45_L2_L3	44931	float	%	
Voltage 45.harmonic L3 – L1	HARM_U45_L3_L1	44933	float	%	
	NULL	44935	float		
Voltage 46.harmonic L1 – L2	HARM_U46_L1_L2	44937	float	%	
Voltage 46.harmonic L2 – L3	HARM_U46_L2_L3	44939	float	%	
Voltage 46.harmonic L3 – L1	HARM_U46_L3_L1	44941	float	%	
	NULL	44943	float		
Voltage 47.harmonic L1 – L2	HARM_U47_L1_L2	44945	float	%	
Voltage 47.harmonic L2 – L3	HARM_U47_L2_L3	44947	float	%	
Voltage 47.harmonic L3 – L1	HARM_U47_L3_L1	44949	float	%	
	NULL	44951	float		
Voltage 48.harmonic L1 – L2	HARM_U48_L1_L2	44953	float	%	
Voltage 48.harmonic L2 – L3	HARM_U48_L2_L3	44955	float	%	
Voltage 48.harmonic L3 – L1	HARM_U48_L3_L1	44957	float	%	
	NULL	44959	float		
Voltage 49.harmonic L1 – L2	HARM_U49_L1_L2	44961	float	%	
Voltage 49.harmonic L2 – L3	HARM_U49_L2_L3	44963	float	%	
Voltage 49.harmonic L3 – L1	HARM_U49_L3_L1	44965	float	%	
	NULL	44967	float		
Voltage 50.harmonic L1 – L2	HARM_U50_L1_L2	44969	float	%	
Voltage 50.harmonic L2 – L3	HARM_U50_L2_L3	44971	float	%	
Voltage 50.harmonic L3 – L1	HARM_U50_L3_L1	44973	float	%	
	NULL	44975	float		
Voltage 51.harmonic L1 – L2	HARM_U51_L1_L2	44977	float	%	
Voltage 51.harmonic L2 – L3	HARM_U51_L2_L3	44979	float	%	
Voltage 51.harmonic L3 – L1	HARM_U51_L3_L1	44981	float	%	
	NULL	44983	float		
Voltage 52.harmonic L1 – L2	HARM_U52_L1_L2	44985	float	%	
Voltage 52.harmonic L2 – L3	HARM_U52_L2_L3	44987	float	%	
Voltage 52.harmonic L3 – L1	HARM_U52_L3_L1	44989	float	%	
	NULL	44991	float		
Voltage 53.harmonic L1 – L2	HARM_U53_L1_L2	44993	float	%	
Voltage 53.harmonic L2 – L3	HARM_U53_L2_L3	44995	float	%	

Line voltage harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 53.harmonic L3 – L1	HARM_U53_L3_L1	44997	float	%
	NULL	44999	float	
Voltage 54.harmonic L1 – L2	HARM_U54_L1_L2	45001	float	%
Voltage 54.harmonic L2 – L3	HARM_U54_L2_L3	45003	float	%
Voltage 54.harmonic L3 – L1	HARM_U54_L3_L1	45005	float	%
	NULL	45007	float	
Voltage 55.harmonic L1 – L2	HARM_U55_L1_L2	45009	float	%
Voltage 55.harmonic L2 – L3	HARM_U55_L2_L3	45011	float	%
Voltage 55.harmonic L3 – L1	HARM_U55_L3_L1	45013	float	%
	NULL	45015	float	
Voltage 56.harmonic L1 – L2	HARM_U56_L1_L2	45017	float	%
Voltage 56.harmonic L2 – L3	HARM_U56_L2_L3	45019	float	%
Voltage 56.harmonic L3 – L1	HARM_U56_L3_L1	45021	float	%
	NULL	45023	float	
Voltage 57.harmonic L1 – L2	HARM_U57_L1_L2	45025	float	%
Voltage 57.harmonic L2 – L3	HARM_U57_L2_L3	45027	float	%
Voltage 57.harmonic L3 – L1	HARM_U57_L3_L1	45029	float	%
	NULL	45031	float	
Voltage 58.harmonic L1 – L2	HARM_U58_L1_L2	45033	float	%
Voltage 58.harmonic L2 – L3	HARM_U58_L2_L3	45035	float	%
Voltage 58.harmonic L3 – L1	HARM_U58_L3_L1	45037	float	%
	NULL	45039	float	
Voltage 59.harmonic L1 – L2	HARM_U59_L1_L2	45041	float	%
Voltage 59.harmonic L2 – L3	HARM_U59_L2_L3	45043	float	%
Voltage 59.harmonic L3 – L1	HARM_U59_L3_L1	45045	float	%
	NULL	45047	float	
Voltage 60.harmonic L1 – L2	HARM_U60_L1_L2	45049	float	%
Voltage 60.harmonic L2 – L3	HARM_U60_L2_L3	45051	float	%
Voltage 60.harmonic L3 – L1	HARM_U60_L3_L1	45053	float	%
	NULL	45055	float	
Voltage 61.harmonic L1 – L2	HARM_U61_L1_L2	45057	float	%
Voltage 61.harmonic L2 – L3	HARM_U61_L2_L3	45059	float	%
Voltage 61.harmonic L3 – L1	HARM_U61_L3_L1	45061	float	%
	NULL	45063	float	
Voltage 62.harmonic L1 – L2	HARM_U62_L1_L2	45065	float	%
Voltage 62.harmonic L2 – L3	HARM_U62_L2_L3	45067	float	%
Voltage 62.harmonic L3 – L1	HARM_U62_L3_L1	45069	float	%
	NULL	45071	float	
Voltage 63.harmonic L1 – L2	HARM_U63_L1_L2	45073	float	%
Voltage 63.harmonic L2 – L3	HARM_U63_L2_L3	45075	float	%
Voltage 63.harmonic L3 – L1	HARM_U63_L3_L1	45077	float	%
	NULL	45079	float	
Voltage 64.harmonic L1 – L2	HARM_U64_L1_L2	45081	float	%
Voltage 64.harmonic L2 – L3	HARM_U64_L2_L3	45083	float	%
Voltage 64.harmonic L3 – L1	HARM_U64_L3_L1	45085	float	%
	NULL	45087	float	

Line voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 1.inter-harmonic L1 – L2	INTERHARM_U1_L1_L2	45089	float	%
Voltage 1.inter-harmonic L2 – L3	INTERHARM_U1_L2_L3	45091	float	%
Voltage 1.inter-harmonic L3 – L1	INTERHARM_U1_L3_L1	45093	float	%
	NULL	45095	float	
Voltage 2.inter-harmonic L1 – L2	INTERHARM_U2_L1_L2	45097	float	%
Voltage 2.inter-harmonic L2 – L3	INTERHARM_U2_L2_L3	45099	float	%
Voltage 2.inter-harmonic L3 – L1	INTERHARM_U2_L3_L1	45101	float	%
	NULL	45103	float	
Voltage 3.inter-harmonic L1 – L2	INTERHARM_U3_L1_L2	45105	float	%
Voltage 3.inter-harmonic L2 – L3	INTERHARM_U3_L2_L3	45107	float	%
Voltage 3.inter-harmonic L3 – L1	INTERHARM_U3_L3_L1	45109	float	%
	NULL	45111	float	
Voltage 4.inter-harmonic L1 – L2	INTERHARM_U4_L1_L2	45113	float	%
Voltage 4.inter-harmonic L2 – L3	INTERHARM_U4_L2_L3	45115	float	%
Voltage 4.inter-harmonic L3 – L1	INTERHARM_U4_L3_L1	45117	float	%
	NULL	45119	float	
Voltage 5.inter-harmonic L1 – L2	INTERHARM_U5_L1_L2	45121	float	%
Voltage 5.inter-harmonic L2 – L3	INTERHARM_U5_L2_L3	45123	float	%
Voltage 5.inter-harmonic L3 – L1	INTERHARM_U5_L3_L1	45125	float	%
	NULL	45127	float	
Voltage 6.inter-harmonic L1 – L2	INTERHARM_U6_L1_L2	45129	float	%
Voltage 6.inter-harmonic L2 – L3	INTERHARM_U6_L2_L3	45131	float	%
Voltage 6.inter-harmonic L3 – L1	INTERHARM_U6_L3_L1	45133	float	%
	NULL	45135	float	
Voltage 7.inter-harmonic L1 – L2	INTERHARM_U7_L1_L2	45137	float	%
Voltage 7.inter-harmonic L2 – L3	INTERHARM_U7_L2_L3	45139	float	%
Voltage 7.inter-harmonic L3 – L1	INTERHARM_U7_L3_L1	45141	float	%
	NULL	45143	float	
Voltage 8.inter-harmonic L1 – L2	INTERHARM_U8_L1_L2	45145	float	%
Voltage 8.inter-harmonic L2 – L3	INTERHARM_U8_L2_L3	45147	float	%
Voltage 8.inter-harmonic L3 – L1	INTERHARM_U8_L3_L1	45149	float	%
	NULL	45151	float	
Voltage 9.inter-harmonic L1 – L2	INTERHARM_U9_L1_L2	45153	float	%
Voltage 9.inter-harmonic L2 – L3	INTERHARM_U9_L2_L3	45155	float	%
Voltage 9.inter-harmonic L3 – L1	INTERHARM_U9_L3_L1	45157	float	%
	NULL	45159	float	
Voltage 10.inter-harmonic L1 – L2	INTERHARM_U10_L1_L2	45161	float	%
Voltage 10.inter-harmonic L2 – L3	INTERHARM_U10_L2_L3	45163	float	%
Voltage 10.inter-harmonic L3 – L1	INTERHARM_U10_L3_L1	45165	float	%
	NULL	45167	float	
Voltage 11.inter-harmonic L1 – L2	INTERHARM_U11_L1_L2	45169	float	%
Voltage 11.inter-harmonic L2 – L3	INTERHARM_U11_L2_L3	45171	float	%
Voltage 11.inter-harmonic L3 – L1	INTERHARM_U11_L3_L1	45173	float	%
	NULL	45175	float	
Voltage 12.inter-harmonic L1 – L2	INTERHARM_U12_L1_L2	45177	float	%
Voltage 12.inter-harmonic L2 – L3	INTERHARM_U12_L2_L3	45179	float	%
Voltage 12.inter-harmonic L3 – L1	INTERHARM_U12_L3_L1	45181	float	%
	NULL	45183	float	
Voltage 13.inter-harmonic L1 – L2	INTERHARM_U13_L1_L2	45185	float	%
Voltage 13.inter-harmonic L2 – L3	INTERHARM_U13_L2_L3	45187	float	%
Voltage 13.inter-harmonic L3 – L1	INTERHARM_U13_L3_L1	45189	float	%
	NULL	45191	float	
Voltage 14.inter-harmonic L1 – L2	INTERHARM_U14_L1_L2	45193	float	%
Voltage 14.inter-harmonic L2 – L3	INTERHARM_U14_L2_L3	45195	float	%
Voltage 14.inter-harmonic L3 – L1	INTERHARM_U14_L3_L1	45197	float	%
	NULL	45199	float	
Voltage 15.inter-harmonic L1 – L2	INTERHARM_U15_L1_L2	45201	float	%
Voltage 15.inter-harmonic L2 – L3	INTERHARM_U15_L2_L3	45203	float	%
Voltage 15.inter-harmonic L3 – L1	INTERHARM_U15_L3_L1	45205	float	%
	NULL	45207	float	
Voltage 16.inter-harmonic L1 – L2	INTERHARM_U16_L1_L2	45209	float	%
Voltage 16.inter-harmonic L2 – L3	INTERHARM_U16_L2_L3	45211	float	%
Voltage 16.inter-harmonic L3 – L1	INTERHARM_U16_L3_L1	45213	float	%
	NULL	45215	float	
Voltage 17.inter-harmonic L1 – L2	INTERHARM_U17_L1_L2	45217	float	%
Voltage 17.inter-harmonic L2 – L3	INTERHARM_U17_L2_L3	45219	float	%
Voltage 17.inter-harmonic L3 – L1	INTERHARM_U17_L3_L1	45221	float	%
	NULL	45223	float	
Voltage 18.inter-harmonic L1 – L2	INTERHARM_U18_L1_L2	45225	float	%
Voltage 18.inter-harmonic L2 – L3	INTERHARM_U18_L2_L3	45227	float	%

Line voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 18.inter-harmonic L3 – L1	INTERHARM_U18_L3_L1	45229	float	%
	NULL	45231	float	
Voltage 19.inter-harmonic L1 – L2	INTERHARM_U19_L1_L2	45233	float	%
Voltage 19.inter-harmonic L2 – L3	INTERHARM_U19_L2_L3	45235	float	%
Voltage 19.inter-harmonic L3 – L1	INTERHARM_U19_L3_L1	45237	float	%
	NULL	45239	float	
Voltage 20.inter-harmonic L1 – L2	INTERHARM_U20_L1_L2	45241	float	%
Voltage 20.inter-harmonic L2 – L3	INTERHARM_U20_L2_L3	45243	float	%
Voltage 20.inter-harmonic L3 – L1	INTERHARM_U20_L3_L1	45245	float	%
	NULL	45247	float	
Voltage 21.inter-harmonic L1 – L2	INTERHARM_U21_L1_L2	45249	float	%
Voltage 21.inter-harmonic L2 – L3	INTERHARM_U21_L2_L3	45251	float	%
Voltage 21.inter-harmonic L3 – L1	INTERHARM_U21_L3_L1	45253	float	%
	NULL	45255	float	
Voltage 22.inter-harmonic L1 – L2	INTERHARM_U22_L1_L2	45257	float	%
Voltage 22.inter-harmonic L2 – L3	INTERHARM_U22_L2_L3	45259	float	%
Voltage 22.inter-harmonic L3 – L1	INTERHARM_U22_L3_L1	45261	float	%
	NULL	45263	float	
Voltage 23.inter-harmonic L1 – L2	INTERHARM_U23_L1_L2	45265	float	%
Voltage 23.inter-harmonic L2 – L3	INTERHARM_U23_L2_L3	45267	float	%
Voltage 23.inter-harmonic L3 – L1	INTERHARM_U23_L3_L1	45269	float	%
	NULL	45271	float	
Voltage 24.inter-harmonic L1 – L2	INTERHARM_U24_L1_L2	45273	float	%
Voltage 24.inter-harmonic L2 – L3	INTERHARM_U24_L2_L3	45275	float	%
Voltage 24.inter-harmonic L3 – L1	INTERHARM_U24_L3_L1	45277	float	%
	NULL	45279	float	
Voltage 25.inter-harmonic L1 – L2	INTERHARM_U25_L1_L2	45281	float	%
Voltage 25.inter-harmonic L2 – L3	INTERHARM_U25_L2_L3	45283	float	%
Voltage 25.inter-harmonic L3 – L1	INTERHARM_U25_L3_L1	45285	float	%
	NULL	45287	float	
Voltage 26.inter-harmonic L1 – L2	INTERHARM_U26_L1_L2	45289	float	%
Voltage 26.inter-harmonic L2 – L3	INTERHARM_U26_L2_L3	45291	float	%
Voltage 26.inter-harmonic L3 – L1	INTERHARM_U26_L3_L1	45293	float	%
	NULL	45295	float	
Voltage 27.inter-harmonic L1 – L2	INTERHARM_U27_L1_L2	45297	float	%
Voltage 27.inter-harmonic L2 – L3	INTERHARM_U27_L2_L3	45299	float	%
Voltage 27.inter-harmonic L3 – L1	INTERHARM_U27_L3_L1	45301	float	%
	NULL	45303	float	
Voltage 28.inter-harmonic L1 – L2	INTERHARM_U28_L1_L2	45305	float	%
Voltage 28.inter-harmonic L2 – L3	INTERHARM_U28_L2_L3	45307	float	%
Voltage 28.inter-harmonic L3 – L1	INTERHARM_U28_L3_L1	45309	float	%
	NULL	45311	float	
Voltage 29.inter-harmonic L1 – L2	INTERHARM_U29_L1_L2	45313	float	%
Voltage 29.inter-harmonic L2 – L3	INTERHARM_U29_L2_L3	45315	float	%
Voltage 29.inter-harmonic L3 – L1	INTERHARM_U29_L3_L1	45317	float	%
	NULL	45319	float	
Voltage 30.inter-harmonic L1 – L2	INTERHARM_U30_L1_L2	45321	float	%
Voltage 30.inter-harmonic L2 – L3	INTERHARM_U30_L2_L3	45323	float	%
Voltage 30.inter-harmonic L3 – L1	INTERHARM_U30_L3_L1	45325	float	%
	NULL	45327	float	
Voltage 31.inter-harmonic L1 – L2	INTERHARM_U31_L1_L2	45329	float	%
Voltage 31.inter-harmonic L2 – L3	INTERHARM_U31_L2_L3	45331	float	%
Voltage 31.inter-harmonic L3 – L1	INTERHARM_U31_L3_L1	45333	float	%
	NULL	45335	float	
Voltage 32.inter-harmonic L1 – L2	INTERHARM_U32_L1_L2	45337	float	%
Voltage 32.inter-harmonic L2 – L3	INTERHARM_U32_L2_L3	45339	float	%
Voltage 32.inter-harmonic L3 – L1	INTERHARM_U32_L3_L1	45341	float	%
	NULL	45343	float	
Voltage 33.inter-harmonic L1 – L2	INTERHARM_U33_L1_L2	45345	float	%
Voltage 33.inter-harmonic L2 – L3	INTERHARM_U33_L2_L3	45347	float	%
Voltage 33.inter-harmonic L3 – L1	INTERHARM_U33_L3_L1	45349	float	%
	NULL	45351	float	
Voltage 34.inter-harmonic L1 – L2	INTERHARM_U34_L1_L2	45353	float	%
Voltage 34.inter-harmonic L2 – L3	INTERHARM_U34_L2_L3	45355	float	%
Voltage 34.inter-harmonic L3 – L1	INTERHARM_U34_L3_L1	45357	float	%
	NULL	45359	float	
Voltage 35.inter-harmonic L1 – L2	INTERHARM_U35_L1_L2	45361	float	%
Voltage 35.inter-harmonic L2 – L3	INTERHARM_U35_L2_L3	45363	float	%
Voltage 35.inter-harmonic L3 – L1	INTERHARM_U35_L3_L1	45365	float	%
	NULL	45367	float	

Line voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 36.inter-harmonic L1 – L2	INTERHARM_U36_L1_L2	45369	float	%
Voltage 36.inter-harmonic L2 – L3	INTERHARM_U36_L2_L3	45371	float	%
Voltage 36.inter-harmonic L3 – L1	INTERHARM_U36_L3_L1	45373	float	%
	NULL	45375	float	
Voltage 37.inter-harmonic L1 – L2	INTERHARM_U37_L1_L2	45377	float	%
Voltage 37.inter-harmonic L2 – L3	INTERHARM_U37_L2_L3	45379	float	%
Voltage 37.inter-harmonic L3 – L1	INTERHARM_U37_L3_L1	45381	float	%
	NULL	45383	float	
Voltage 38.inter-harmonic L1 – L2	INTERHARM_U38_L1_L2	45385	float	%
Voltage 38.inter-harmonic L2 – L3	INTERHARM_U38_L2_L3	45387	float	%
Voltage 38.inter-harmonic L3 – L1	INTERHARM_U38_L3_L1	45389	float	%
	NULL	45391	float	
Voltage 39.inter-harmonic L1 – L2	INTERHARM_U39_L1_L2	45393	float	%
Voltage 39.inter-harmonic L2 – L3	INTERHARM_U39_L2_L3	45395	float	%
Voltage 39.inter-harmonic L3 – L1	INTERHARM_U39_L3_L1	45397	float	%
	NULL	45399	float	
Voltage 40.inter-harmonic L1 – L2	INTERHARM_U40_L1_L2	45401	float	%
Voltage 40.inter-harmonic L2 – L3	INTERHARM_U40_L2_L3	45403	float	%
Voltage 40.inter-harmonic L3 – L1	INTERHARM_U40_L3_L1	45405	float	%
	NULL	45407	float	
Voltage 41.inter-harmonic L1 – L2	INTERHARM_U41_L1_L2	45409	float	%
Voltage 41.inter-harmonic L2 – L3	INTERHARM_U41_L2_L3	45411	float	%
Voltage 41.inter-harmonic L3 – L1	INTERHARM_U41_L3_L1	45413	float	%
	NULL	45415	float	
Voltage 42.inter-harmonic L1 – L2	INTERHARM_U42_L1_L2	45417	float	%
Voltage 42.inter-harmonic L2 – L3	INTERHARM_U42_L2_L3	45419	float	%
Voltage 42.inter-harmonic L3 – L1	INTERHARM_U42_L3_L1	45421	float	%
	NULL	45423	float	
Voltage 43.inter-harmonic L1 – L2	INTERHARM_U43_L1_L2	45425	float	%
Voltage 43.inter-harmonic L2 – L3	INTERHARM_U43_L2_L3	45427	float	%
Voltage 43.inter-harmonic L3 – L1	INTERHARM_U43_L3_L1	45429	float	%
	NULL	45431	float	
Voltage 44.inter-harmonic L1 – L2	INTERHARM_U44_L1_L2	45433	float	%
Voltage 44.inter-harmonic L2 – L3	INTERHARM_U44_L2_L3	45435	float	%
Voltage 44.inter-harmonic L3 – L1	INTERHARM_U44_L3_L1	45437	float	%
	NULL	45439	float	
Voltage 45.inter-harmonic L1 – L2	INTERHARM_U45_L1_L2	45441	float	%
Voltage 45.inter-harmonic L2 – L3	INTERHARM_U45_L2_L3	45443	float	%
Voltage 45.inter-harmonic L3 – L1	INTERHARM_U45_L3_L1	45445	float	%
	NULL	45447	float	
Voltage 46.inter-harmonic L1 – L2	INTERHARM_U46_L1_L2	45449	float	%
Voltage 46.inter-harmonic L2 – L3	INTERHARM_U46_L2_L3	45451	float	%
Voltage 46.inter-harmonic L3 – L1	INTERHARM_U46_L3_L1	45453	float	%
	NULL	45455	float	
Voltage 47.inter-harmonic L1 – L2	INTERHARM_U47_L1_L2	45457	float	%
Voltage 47.inter-harmonic L2 – L3	INTERHARM_U47_L2_L3	45459	float	%
Voltage 47.inter-harmonic L3 – L1	INTERHARM_U47_L3_L1	45461	float	%
	NULL	45463	float	
Voltage 48.inter-harmonic L1 – L2	INTERHARM_U48_L1_L2	45465	float	%
Voltage 48.inter-harmonic L2 – L3	INTERHARM_U48_L2_L3	45467	float	%
Voltage 48.inter-harmonic L3 – L1	INTERHARM_U48_L3_L1	45469	float	%
	NULL	45471	float	
Voltage 49.inter-harmonic L1 – L2	INTERHARM_U49_L1_L2	45473	float	%
Voltage 49.inter-harmonic L2 – L3	INTERHARM_U49_L2_L3	45475	float	%
Voltage 49.inter-harmonic L3 – L1	INTERHARM_U49_L3_L1	45477	float	%
	NULL	45479	float	
Voltage 50.inter-harmonic L1 – L2	INTERHARM_U50_L1_L2	45481	float	%
Voltage 50.inter-harmonic L2 – L3	INTERHARM_U50_L2_L3	45483	float	%
Voltage 50.inter-harmonic L3 – L1	INTERHARM_U50_L3_L1	45485	float	%
	NULL	45487	float	
Voltage 51.inter-harmonic L1 – L2	INTERHARM_U51_L1_L2	45489	float	%
Voltage 51.inter-harmonic L2 – L3	INTERHARM_U51_L2_L3	45491	float	%
Voltage 51.inter-harmonic L3 – L1	INTERHARM_U51_L3_L1	45493	float	%
	NULL	45495	float	
Voltage 52.inter-harmonic L1 – L2	INTERHARM_U52_L1_L2	45497	float	%
Voltage 52.inter-harmonic L2 – L3	INTERHARM_U52_L2_L3	45499	float	%
Voltage 52.inter-harmonic L3 – L1	INTERHARM_U52_L3_L1	45501	float	%
	NULL	45503	float	
Voltage 53.inter-harmonic L1 – L2	INTERHARM_U53_L1_L2	45505	float	%
Voltage 53.inter-harmonic L2 – L3	INTERHARM_U53_L2_L3	45507	float	%

Line voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 53.inter-harmonic L3 – L1	INTERHARM_U53_L3_L1	45509	float	%
	NULL	45511	float	
Voltage 54.inter-harmonic L1 – L2	INTERHARM_U54_L1_L2	45513	float	%
Voltage 54.inter-harmonic L2 – L3	INTERHARM_U54_L2_L3	45515	float	%
Voltage 54.inter-harmonic L3 – L1	INTERHARM_U54_L3_L1	45517	float	%
	NULL	45519	float	
Voltage 55.inter-harmonic L1 – L2	INTERHARM_U55_L1_L2	45521	float	%
Voltage 55.inter-harmonic L2 – L3	INTERHARM_U55_L2_L3	45523	float	%
Voltage 55.inter-harmonic L3 – L1	INTERHARM_U55_L3_L1	45525	float	%
	NULL	45527	float	
Voltage 56.inter-harmonic L1 – L2	INTERHARM_U56_L1_L2	45529	float	%
Voltage 56.inter-harmonic L2 – L3	INTERHARM_U56_L2_L3	45531	float	%
Voltage 56.inter-harmonic L3 – L1	INTERHARM_U56_L3_L1	45533	float	%
	NULL	45535	float	
Voltage 57.inter-harmonic L1 – L2	INTERHARM_U57_L1_L2	45537	float	%
Voltage 57.inter-harmonic L2 – L3	INTERHARM_U57_L2_L3	45539	float	%
Voltage 57.inter-harmonic L3 – L1	INTERHARM_U57_L3_L1	45541	float	%
	NULL	45543	float	
Voltage 58.inter-harmonic L1 – L2	INTERHARM_U58_L1_L2	45545	float	%
Voltage 58.inter-harmonic L2 – L3	INTERHARM_U58_L2_L3	45547	float	%
Voltage 58.inter-harmonic L3 – L1	INTERHARM_U58_L3_L1	45549	float	%
	NULL	45551	float	
Voltage 59.inter-harmonic L1 – L2	INTERHARM_U59_L1_L2	45553	float	%
Voltage 59.inter-harmonic L2 – L3	INTERHARM_U59_L2_L3	45555	float	%
Voltage 59.inter-harmonic L3 – L1	INTERHARM_U59_L3_L1	45557	float	%
	NULL	45559	float	
Voltage 60.inter-harmonic L1 – L2	INTERHARM_U60_L1_L2	45561	float	%
Voltage 60.inter-harmonic L2 – L3	INTERHARM_U60_L2_L3	45563	float	%
Voltage 60.inter-harmonic L3 – L1	INTERHARM_U60_L3_L1	45565	float	%
	NULL	45567	float	
Voltage 61.inter-harmonic L1 – L2	INTERHARM_U61_L1_L2	45569	float	%
Voltage 61.inter-harmonic L2 – L3	INTERHARM_U61_L2_L3	45571	float	%
Voltage 61.inter-harmonic L3 – L1	INTERHARM_U61_L3_L1	45573	float	%
	NULL	45575	float	
Voltage 62.inter-harmonic L1 – L2	INTERHARM_U62_L1_L2	45577	float	%
Voltage 62.inter-harmonic L2 – L3	INTERHARM_U62_L2_L3	45579	float	%
Voltage 62.inter-harmonic L3 – L1	INTERHARM_U62_L3_L1	45581	float	%
	NULL	45583	float	
Voltage 63.inter-harmonic L1 – L2	INTERHARM_U63_L1_L2	45585	float	%
Voltage 63.inter-harmonic L2 – L3	INTERHARM_U63_L2_L3	45587	float	%
Voltage 63.inter-harmonic L3 – L1	INTERHARM_U63_L3_L1	45589	float	%
	NULL	45591	float	
Voltage 64.inter-harmonic L1 – L2	INTERHARM_U64_L1_L2	45593	float	%
Voltage 64.inter-harmonic L2 – L3	INTERHARM_U64_L2_L3	45595	float	%
Voltage 64.inter-harmonic L3 – L1	INTERHARM_U64_L3_L1	45597	float	%
	NULL	45599	float	

Line voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 1.group harmonic L1 – L2	GROUP_HARM_U1_L1_L2	45601	float	%
Voltage 1.group harmonic L2 – L3	GROUP_HARM_U1_L2_L3	45603	float	%
Voltage 1.group harmonic L3 – L1	GROUP_HARM_U1_L3_L1	45605	float	%
	NULL	45607	float	
Voltage 2.group harmonic L1 – L2	GROUP_HARM_U2_L1_L2	45609	float	%
Voltage 2.group harmonic L2 – L3	GROUP_HARM_U2_L2_L3	45611	float	%
Voltage 2.group harmonic L3 – L1	GROUP_HARM_U2_L3_L1	45613	float	%
	NULL	45615	float	
Voltage 3.group harmonic L1 – L2	GROUP_HARM_U3_L1_L2	45617	float	%
Voltage 3.group harmonic L2 – L3	GROUP_HARM_U3_L2_L3	45619	float	%
Voltage 3.group harmonic L3 – L1	GROUP_HARM_U3_L3_L1	45621	float	%
	NULL	45623	float	
Voltage 4.group harmonic L1 – L2	GROUP_HARM_U4_L1_L2	45625	float	%
Voltage 4.group harmonic L2 – L3	GROUP_HARM_U4_L2_L3	45627	float	%
Voltage 4.group harmonic L3 – L1	GROUP_HARM_U4_L3_L1	45629	float	%
	NULL	45631	float	
Voltage 5.group harmonic L1 – L2	GROUP_HARM_U5_L1_L2	45633	float	%
Voltage 5.group harmonic L2 – L3	GROUP_HARM_U5_L2_L3	45635	float	%
Voltage 5.group harmonic L3 – L1	GROUP_HARM_U5_L3_L1	45637	float	%
	NULL	45639	float	
Voltage 6.group harmonic L1 – L2	GROUP_HARM_U6_L1_L2	45641	float	%
Voltage 6.group harmonic L2 – L3	GROUP_HARM_U6_L2_L3	45643	float	%
Voltage 6.group harmonic L3 – L1	GROUP_HARM_U6_L3_L1	45645	float	%
	NULL	45647	float	
Voltage 7.group harmonic L1 – L2	GROUP_HARM_U7_L1_L2	45649	float	%
Voltage 7.group harmonic L2 – L3	GROUP_HARM_U7_L2_L3	45651	float	%
Voltage 7.group harmonic L3 – L1	GROUP_HARM_U7_L3_L1	45653	float	%
	NULL	45655	float	
Voltage 8.group harmonic L1 – L2	GROUP_HARM_U8_L1_L2	45657	float	%
Voltage 8.group harmonic L2 – L3	GROUP_HARM_U8_L2_L3	45659	float	%
Voltage 8.group harmonic L3 – L1	GROUP_HARM_U8_L3_L1	45661	float	%
	NULL	45663	float	
Voltage 9.group harmonic L1 – L2	GROUP_HARM_U9_L1_L2	45665	float	%
Voltage 9.group harmonic L2 – L3	GROUP_HARM_U9_L2_L3	45667	float	%
Voltage 9.group harmonic L3 – L1	GROUP_HARM_U9_L3_L1	45669	float	%
	NULL	45671	float	
Voltage 10.group harmonic L1 – L2	GROUP_HARM_U10_L1_L2	45673	float	%
Voltage 10.group harmonic L2 – L3	GROUP_HARM_U10_L2_L3	45675	float	%
Voltage 10.group harmonic L3 – L1	GROUP_HARM_U10_L3_L1	45677	float	%
	NULL	45679	float	
Voltage 11.group harmonic L1 – L2	GROUP_HARM_U11_L1_L2	45681	float	%
Voltage 11.group harmonic L2 – L3	GROUP_HARM_U11_L2_L3	45683	float	%
Voltage 11.group harmonic L3 – L1	GROUP_HARM_U11_L3_L1	45685	float	%
	NULL	45687	float	
Voltage 12.group harmonic L1 – L2	GROUP_HARM_U12_L1_L2	45689	float	%
Voltage 12.group harmonic L2 – L3	GROUP_HARM_U12_L2_L3	45691	float	%
Voltage 12.group harmonic L3 – L1	GROUP_HARM_U12_L3_L1	45693	float	%
	NULL	45695	float	
Voltage 13.group harmonic L1 – L2	GROUP_HARM_U13_L1_L2	45697	float	%
Voltage 13.group harmonic L2 – L3	GROUP_HARM_U13_L2_L3	45699	float	%
Voltage 13.group harmonic L3 – L1	GROUP_HARM_U13_L3_L1	45701	float	%
	NULL	45703	float	
Voltage 14.group harmonic L1 – L2	GROUP_HARM_U14_L1_L2	45705	float	%
Voltage 14.group harmonic L2 – L3	GROUP_HARM_U14_L2_L3	45707	float	%
Voltage 14.group harmonic L3 – L1	GROUP_HARM_U14_L3_L1	45709	float	%
	NULL	45711	float	
Voltage 15.group harmonic L1 – L2	GROUP_HARM_U15_L1_L2	45713	float	%
Voltage 15.group harmonic L2 – L3	GROUP_HARM_U15_L2_L3	45715	float	%
Voltage 15.group harmonic L3 – L1	GROUP_HARM_U15_L3_L1	45717	float	%
	NULL	45719	float	
Voltage 16.group harmonic L1 – L2	GROUP_HARM_U16_L1_L2	45721	float	%
Voltage 16.group harmonic L2 – L3	GROUP_HARM_U16_L2_L3	45723	float	%
Voltage 16.group harmonic L3 – L1	GROUP_HARM_U16_L3_L1	45725	float	%
	NULL	45727	float	
Voltage 17.group harmonic L1 – L2	GROUP_HARM_U17_L1_L2	45729	float	%
Voltage 17.group harmonic L2 – L3	GROUP_HARM_U17_L2_L3	45731	float	%
Voltage 17.group harmonic L3 – L1	GROUP_HARM_U17_L3_L1	45733	float	%
	NULL	45735	float	
Voltage 18.group harmonic L1 – L2	GROUP_HARM_U18_L1_L2	45737	float	%
Voltage 18.group harmonic L2 – L3	GROUP_HARM_U18_L2_L3	45739	float	%

Line voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 18.group harmonic L3 – L1	GROUP_HARM_U18_L3_L1	45741	float	%
	NULL	45743	float	
Voltage 19.group harmonic L1 – L2	GROUP_HARM_U19_L1_L2	45745	float	%
Voltage 19.group harmonic L2 – L3	GROUP_HARM_U19_L2_L3	45747	float	%
Voltage 19.group harmonic L3 – L1	GROUP_HARM_U19_L3_L1	45749	float	%
	NULL	45751	float	
Voltage 20.group harmonic L1 – L2	GROUP_HARM_U20_L1_L2	45753	float	%
Voltage 20.group harmonic L2 – L3	GROUP_HARM_U20_L2_L3	45755	float	%
Voltage 20.group harmonic L3 – L1	GROUP_HARM_U20_L3_L1	45757	float	%
	NULL	45759	float	
Voltage 21.group harmonic L1 – L2	GROUP_HARM_U21_L1_L2	45761	float	%
Voltage 21.group harmonic L2 – L3	GROUP_HARM_U21_L2_L3	45763	float	%
Voltage 21.group harmonic L3 – L1	GROUP_HARM_U21_L3_L1	45765	float	%
	NULL	45767	float	
Voltage 22.group harmonic L1 – L2	GROUP_HARM_U22_L1_L2	45769	float	%
Voltage 22.group harmonic L2 – L3	GROUP_HARM_U22_L2_L3	45771	float	%
Voltage 22.group harmonic L3 – L1	GROUP_HARM_U22_L3_L1	45773	float	%
	NULL	45775	float	
Voltage 23.group harmonic L1 – L2	GROUP_HARM_U23_L1_L2	45777	float	%
Voltage 23.group harmonic L2 – L3	GROUP_HARM_U23_L2_L3	45779	float	%
Voltage 23.group harmonic L3 – L1	GROUP_HARM_U23_L3_L1	45781	float	%
	NULL	45783	float	
Voltage 24.group harmonic L1 – L2	GROUP_HARM_U24_L1_L2	45785	float	%
Voltage 24.group harmonic L2 – L3	GROUP_HARM_U24_L2_L3	45787	float	%
Voltage 24.group harmonic L3 – L1	GROUP_HARM_U24_L3_L1	45789	float	%
	NULL	45791	float	
Voltage 25.group harmonic L1 – L2	GROUP_HARM_U25_L1_L2	45793	float	%
Voltage 25.group harmonic L2 – L3	GROUP_HARM_U25_L2_L3	45795	float	%
Voltage 25.group harmonic L3 – L1	GROUP_HARM_U25_L3_L1	45797	float	%
	NULL	45799	float	
Voltage 26.group harmonic L1 – L2	GROUP_HARM_U26_L1_L2	45801	float	%
Voltage 26.group harmonic L2 – L3	GROUP_HARM_U26_L2_L3	45803	float	%
Voltage 26.group harmonic L3 – L1	GROUP_HARM_U26_L3_L1	45805	float	%
	NULL	45807	float	
Voltage 27.group harmonic L1 – L2	GROUP_HARM_U27_L1_L2	45809	float	%
Voltage 27.group harmonic L2 – L3	GROUP_HARM_U27_L2_L3	45811	float	%
Voltage 27.group harmonic L3 – L1	GROUP_HARM_U27_L3_L1	45813	float	%
	NULL	45815	float	
Voltage 28.group harmonic L1 – L2	GROUP_HARM_U28_L1_L2	45817	float	%
Voltage 28.group harmonic L2 – L3	GROUP_HARM_U28_L2_L3	45819	float	%
Voltage 28.group harmonic L3 – L1	GROUP_HARM_U28_L3_L1	45821	float	%
	NULL	45823	float	
Voltage 29.group harmonic L1 – L2	GROUP_HARM_U29_L1_L2	45825	float	%
Voltage 29.group harmonic L2 – L3	GROUP_HARM_U29_L2_L3	45827	float	%
Voltage 29.group harmonic L3 – L1	GROUP_HARM_U29_L3_L1	45829	float	%
	NULL	45831	float	
Voltage 30.group harmonic L1 – L2	GROUP_HARM_U30_L1_L2	45833	float	%
Voltage 30.group harmonic L2 – L3	GROUP_HARM_U30_L2_L3	45835	float	%
Voltage 30.group harmonic L3 – L1	GROUP_HARM_U30_L3_L1	45837	float	%
	NULL	45839	float	
Voltage 31.group harmonic L1 – L2	GROUP_HARM_U31_L1_L2	45841	float	%
Voltage 31.group harmonic L2 – L3	GROUP_HARM_U31_L2_L3	45843	float	%
Voltage 31.group harmonic L3 – L1	GROUP_HARM_U31_L3_L1	45845	float	%
	NULL	45847	float	
Voltage 32.group harmonic L1 – L2	GROUP_HARM_U32_L1_L2	45849	float	%
Voltage 32.group harmonic L2 – L3	GROUP_HARM_U32_L2_L3	45851	float	%
Voltage 32.group harmonic L3 – L1	GROUP_HARM_U32_L3_L1	45853	float	%
	NULL	45855	float	
Voltage 33.group harmonic L1 – L2	GROUP_HARM_U33_L1_L2	45857	float	%
Voltage 33.group harmonic L2 – L3	GROUP_HARM_U33_L2_L3	45859	float	%
Voltage 33.group harmonic L3 – L1	GROUP_HARM_U33_L3_L1	45861	float	%
	NULL	45863	float	
Voltage 34.group harmonic L1 – L2	GROUP_HARM_U34_L1_L2	45865	float	%
Voltage 34.group harmonic L2 – L3	GROUP_HARM_U34_L2_L3	45867	float	%
Voltage 34.group harmonic L3 – L1	GROUP_HARM_U34_L3_L1	45869	float	%
	NULL	45871	float	
Voltage 35.group harmonic L1 – L2	GROUP_HARM_U35_L1_L2	45873	float	%
Voltage 35.group harmonic L2 – L3	GROUP_HARM_U35_L2_L3	45875	float	%
Voltage 35.group harmonic L3 – L1	GROUP_HARM_U35_L3_L1	45877	float	%
	NULL	45879	float	

Line voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 36.group harmonic L1 – L2	GROUP_HARM_U36_L1_L2	45881	float	%
Voltage 36.group harmonic L2 – L3	GROUP_HARM_U36_L2_L3	45883	float	%
Voltage 36.group harmonic L3 – L1	GROUP_HARM_U36_L3_L1	45885	float	%
	NULL	45887	float	
Voltage 37.group harmonic L1 – L2	GROUP_HARM_U37_L1_L2	45889	float	%
Voltage 37.group harmonic L2 – L3	GROUP_HARM_U37_L2_L3	45891	float	%
Voltage 37.group harmonic L3 – L1	GROUP_HARM_U37_L3_L1	45893	float	%
	NULL	45895	float	
Voltage 38.group harmonic L1 – L2	GROUP_HARM_U38_L1_L2	45897	float	%
Voltage 38.group harmonic L2 – L3	GROUP_HARM_U38_L2_L3	45899	float	%
Voltage 38.group harmonic L3 – L1	GROUP_HARM_U38_L3_L1	45901	float	%
	NULL	45903	float	
Voltage 39.group harmonic L1 – L2	GROUP_HARM_U39_L1_L2	45905	float	%
Voltage 39.group harmonic L2 – L3	GROUP_HARM_U39_L2_L3	45907	float	%
Voltage 39.group harmonic L3 – L1	GROUP_HARM_U39_L3_L1	45909	float	%
	NULL	45911	float	
Voltage 40.group harmonic L1 – L2	GROUP_HARM_U40_L1_L2	45913	float	%
Voltage 40.group harmonic L2 – L3	GROUP_HARM_U40_L2_L3	45915	float	%
Voltage 40.group harmonic L3 – L1	GROUP_HARM_U40_L3_L1	45917	float	%
	NULL	45919	float	
Voltage 41.group harmonic L1 – L2	GROUP_HARM_U41_L1_L2	45921	float	%
Voltage 41.group harmonic L2 – L3	GROUP_HARM_U41_L2_L3	45923	float	%
Voltage 41.group harmonic L3 – L1	GROUP_HARM_U41_L3_L1	45925	float	%
	NULL	45927	float	
Voltage 42.group harmonic L1 – L2	GROUP_HARM_U42_L1_L2	45929	float	%
Voltage 42.group harmonic L2 – L3	GROUP_HARM_U42_L2_L3	45931	float	%
Voltage 42.group harmonic L3 – L1	GROUP_HARM_U42_L3_L1	45933	float	%
	NULL	45935	float	
Voltage 43.group harmonic L1 – L2	GROUP_HARM_U43_L1_L2	45937	float	%
Voltage 43.group harmonic L2 – L3	GROUP_HARM_U43_L2_L3	45939	float	%
Voltage 43.group harmonic L3 – L1	GROUP_HARM_U43_L3_L1	45941	float	%
	NULL	45943	float	
Voltage 44.group harmonic L1 – L2	GROUP_HARM_U44_L1_L2	45945	float	%
Voltage 44.group harmonic L2 – L3	GROUP_HARM_U44_L2_L3	45947	float	%
Voltage 44.group harmonic L3 – L1	GROUP_HARM_U44_L3_L1	45949	float	%
	NULL	45951	float	
Voltage 45.group harmonic L1 – L2	GROUP_HARM_U45_L1_L2	45953	float	%
Voltage 45.group harmonic L2 – L3	GROUP_HARM_U45_L2_L3	45955	float	%
Voltage 45.group harmonic L3 – L1	GROUP_HARM_U45_L3_L1	45957	float	%
	NULL	45959	float	
Voltage 46.group harmonic L1 – L2	GROUP_HARM_U46_L1_L2	45961	float	%
Voltage 46.group harmonic L2 – L3	GROUP_HARM_U46_L2_L3	45963	float	%
Voltage 46.group harmonic L3 – L1	GROUP_HARM_U46_L3_L1	45965	float	%
	NULL	45967	float	
Voltage 47.group harmonic L1 – L2	GROUP_HARM_U47_L1_L2	45969	float	%
Voltage 47.group harmonic L2 – L3	GROUP_HARM_U47_L2_L3	45971	float	%
Voltage 47.group harmonic L3 – L1	GROUP_HARM_U47_L3_L1	45973	float	%
	NULL	45975	float	
Voltage 48.group harmonic L1 – L2	GROUP_HARM_U48_L1_L2	45977	float	%
Voltage 48.group harmonic L2 – L3	GROUP_HARM_U48_L2_L3	45979	float	%
Voltage 48.group harmonic L3 – L1	GROUP_HARM_U48_L3_L1	45981	float	%
	NULL	45983	float	
Voltage 49.group harmonic L1 – L2	GROUP_HARM_U49_L1_L2	45985	float	%
Voltage 49.group harmonic L2 – L3	GROUP_HARM_U49_L2_L3	45987	float	%
Voltage 49.group harmonic L3 – L1	GROUP_HARM_U49_L3_L1	45989	float	%
	NULL	45991	float	
Voltage 50.group harmonic L1 – L2	GROUP_HARM_U50_L1_L2	45993	float	%
Voltage 50.group harmonic L2 – L3	GROUP_HARM_U50_L2_L3	45995	float	%
Voltage 50.group harmonic L3 – L1	GROUP_HARM_U50_L3_L1	45997	float	%
	NULL	45999	float	
Voltage 51.group harmonic L1 – L2	GROUP_HARM_U51_L1_L2	46001	float	%
Voltage 51.group harmonic L2 – L3	GROUP_HARM_U51_L2_L3	46003	float	%
Voltage 51.group harmonic L3 – L1	GROUP_HARM_U51_L3_L1	46005	float	%
	NULL	46007	float	
Voltage 52.group harmonic L1 – L2	GROUP_HARM_U52_L1_L2	46009	float	%
Voltage 52.group harmonic L2 – L3	GROUP_HARM_U52_L2_L3	46011	float	%
Voltage 52.group harmonic L3 – L1	GROUP_HARM_U52_L3_L1	46013	float	%
	NULL	46015	float	
Voltage 53.group harmonic L1 – L2	GROUP_HARM_U53_L1_L2	46017	float	%
Voltage 53.group harmonic L2 – L3	GROUP_HARM_U53_L2_L3	46019	float	%

Line voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 53.group harmonic L3 – L1	GROUP_HARM_U53_L3_L1	46021	float	%
	NULL	46023	float	
Voltage 54.group harmonic L1 – L2	GROUP_HARM_U54_L1_L2	46025	float	%
Voltage 54.group harmonic L2 – L3	GROUP_HARM_U54_L2_L3	46027	float	%
Voltage 54.group harmonic L3 – L1	GROUP_HARM_U54_L3_L1	46029	float	%
	NULL	46031	float	
Voltage 55.group harmonic L1 – L2	GROUP_HARM_U55_L1_L2	46033	float	%
Voltage 55.group harmonic L2 – L3	GROUP_HARM_U55_L2_L3	46035	float	%
Voltage 55.group harmonic L3 – L1	GROUP_HARM_U55_L3_L1	46037	float	%
	NULL	46039	float	
Voltage 56.group harmonic L1 – L2	GROUP_HARM_U56_L1_L2	46041	float	%
Voltage 56.group harmonic L2 – L3	GROUP_HARM_U56_L2_L3	46043	float	%
Voltage 56.group harmonic L3 – L1	GROUP_HARM_U56_L3_L1	46045	float	%
	NULL	46047	float	
Voltage 57.group harmonic L1 – L2	GROUP_HARM_U57_L1_L2	46049	float	%
Voltage 57.group harmonic L2 – L3	GROUP_HARM_U57_L2_L3	46051	float	%
Voltage 57.group harmonic L3 – L1	GROUP_HARM_U57_L3_L1	46053	float	%
	NULL	46055	float	
Voltage 58.group harmonic L1 – L2	GROUP_HARM_U58_L1_L2	46057	float	%
Voltage 58.group harmonic L2 – L3	GROUP_HARM_U58_L2_L3	46059	float	%
Voltage 58.group harmonic L3 – L1	GROUP_HARM_U58_L3_L1	46061	float	%
	NULL	46063	float	
Voltage 59.group harmonic L1 – L2	GROUP_HARM_U59_L1_L2	46065	float	%
Voltage 59.group harmonic L2 – L3	GROUP_HARM_U59_L2_L3	46067	float	%
Voltage 59.group harmonic L3 – L1	GROUP_HARM_U59_L3_L1	46069	float	%
	NULL	46071	float	
Voltage 60.group harmonic L1 – L2	GROUP_HARM_U60_L1_L2	46073	float	%
Voltage 60.group harmonic L2 – L3	GROUP_HARM_U60_L2_L3	46075	float	%
Voltage 60.group harmonic L3 – L1	GROUP_HARM_U60_L3_L1	46077	float	%
	NULL	46079	float	
Voltage 61.group harmonic L1 – L2	GROUP_HARM_U61_L1_L2	46081	float	%
Voltage 61.group harmonic L2 – L3	GROUP_HARM_U61_L2_L3	46083	float	%
Voltage 61.group harmonic L3 – L1	GROUP_HARM_U61_L3_L1	46085	float	%
	NULL	46087	float	
Voltage 62.group harmonic L1 – L2	GROUP_HARM_U62_L1_L2	46089	float	%
Voltage 62.group harmonic L2 – L3	GROUP_HARM_U62_L2_L3	46091	float	%
Voltage 62.group harmonic L3 – L1	GROUP_HARM_U62_L3_L1	46093	float	%
	NULL	46095	float	
Voltage 63.group harmonic L1 – L2	GROUP_HARM_U63_L1_L2	46097	float	%
Voltage 63.group harmonic L2 – L3	GROUP_HARM_U63_L2_L3	46099	float	%
Voltage 63.group harmonic L3 – L1	GROUP_HARM_U63_L3_L1	46101	float	%
	NULL	46103	float	
Voltage 64.group harmonic L1 – L2	GROUP_HARM_U64_L1_L2	46105	float	%
Voltage 64.group harmonic L2 – L3	GROUP_HARM_U64_L2_L3	46107	float	%
Voltage 64.group harmonic L3 – L1	GROUP_HARM_U64_L3_L1	46109	float	%
	NULL	46111	float	

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.harmonic L1	HARM_U1_L1	20000	float	V	
Voltage 1.harmonic L2	HARM_U1_L2	20002	float	V	
Voltage 1.harmonic L3	HARM_U1_L3	20004	float	V	
	NULL	20006	float	V	
Voltage 2.harmonic L1	HARM_U2_L1	20008	float	V	
Voltage 2.harmonic L2	HARM_U2_L2	20010	float	V	
Voltage 2.harmonic L3	HARM_U2_L3	20012	float	V	
	NULL	20014	float	V	
Voltage 3.harmonic L1	HARM_U3_L1	20016	float	V	
Voltage 3.harmonic L2	HARM_U3_L2	20018	float	V	
Voltage 3.harmonic L3	HARM_U3_L3	20020	float	V	
	NULL	20022	float	V	
Voltage 4.harmonic L1	HARM_U4_L1	20024	float	V	
Voltage 4.harmonic L2	HARM_U4_L2	20026	float	V	
Voltage 4.harmonic L3	HARM_U4_L3	20028	float	V	
	NULL	20030	float	V	
Voltage 5.harmonic L1	HARM_U5_L1	20032	float	V	
Voltage 5.harmonic L2	HARM_U5_L2	20034	float	V	
Voltage 5.harmonic L3	HARM_U5_L3	20036	float	V	
	NULL	20038	float	V	
Voltage 6.harmonic L1	HARM_U6_L1	20040	float	V	
Voltage 6.harmonic L2	HARM_U6_L2	20042	float	V	
Voltage 6.harmonic L3	HARM_U6_L3	20044	float	V	
	NULL	20046	float	V	
Voltage 7.harmonic L1	HARM_U7_L1	20048	float	V	
Voltage 7.harmonic L2	HARM_U7_L2	20050	float	V	
Voltage 7.harmonic L3	HARM_U7_L3	20052	float	V	
	NULL	20054	float	V	
Voltage 8.harmonic L1	HARM_U8_L1	20056	float	V	
Voltage 8.harmonic L2	HARM_U8_L2	20058	float	V	
Voltage 8.harmonic L3	HARM_U8_L3	20060	float	V	
	NULL	20062	float	V	
Voltage 9.harmonic L1	HARM_U9_L1	20064	float	V	
Voltage 9.harmonic L2	HARM_U9_L2	20066	float	V	
Voltage 9.harmonic L3	HARM_U9_L3	20068	float	V	
	NULL	20070	float	V	
Voltage 10.harmonic L1	HARM_U10_L1	20072	float	V	
Voltage 10.harmonic L2	HARM_U10_L2	20074	float	V	
Voltage 10.harmonic L3	HARM_U10_L3	20076	float	V	
	NULL	20078	float	V	
Voltage 11.harmonic L1	HARM_U11_L1	20080	float	V	
Voltage 11.harmonic L2	HARM_U11_L2	20082	float	V	
Voltage 11.harmonic L3	HARM_U11_L3	20084	float	V	
	NULL	20086	float	V	
Voltage 12.harmonic L1	HARM_U12_L1	20088	float	V	
Voltage 12.harmonic L2	HARM_U12_L2	20090	float	V	
Voltage 12.harmonic L3	HARM_U12_L3	20092	float	V	
	NULL	20094	float	V	
Voltage 13.harmonic L1	HARM_U13_L1	20096	float	V	
Voltage 13.harmonic L2	HARM_U13_L2	20098	float	V	
Voltage 13.harmonic L3	HARM_U13_L3	20100	float	V	
	NULL	20102	float	V	
Voltage 14.harmonic L1	HARM_U14_L1	20104	float	V	
Voltage 14.harmonic L2	HARM_U14_L2	20106	float	V	
Voltage 14.harmonic L3	HARM_U14_L3	20108	float	V	
	NULL	20110	float	V	
Voltage 15.harmonic L1	HARM_U15_L1	20112	float	V	
Voltage 15.harmonic L2	HARM_U15_L2	20114	float	V	
Voltage 15.harmonic L3	HARM_U15_L3	20116	float	V	
	NULL	20118	float	V	
Voltage 16.harmonic L1	HARM_U16_L1	20120	float	V	
Voltage 16.harmonic L2	HARM_U16_L2	20122	float	V	
Voltage 16.harmonic L3	HARM_U16_L3	20124	float	V	
	NULL	20126	float	V	
Voltage 17.harmonic L1	HARM_U17_L1	20128	float	V	
Voltage 17.harmonic L2	HARM_U17_L2	20130	float	V	
Voltage 17.harmonic L3	HARM_U17_L3	20132	float	V	
	NULL	20134	float	V	
Voltage 18.harmonic L1	HARM_U18_L1	20136	float	V	
Voltage 18.harmonic L2	HARM_U18_L2	20138	float	V	

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.harmonic L3	HARM_U18_L3	20140	float	V	
	NULL	20142	float	V	
Voltage 19.harmonic L1	HARM_U19_L1	20144	float	V	
Voltage 19.harmonic L2	HARM_U19_L2	20146	float	V	
Voltage 19.harmonic L3	HARM_U19_L3	20148	float	V	
	NULL	20150	float	V	
Voltage 20.harmonic L1	HARM_U20_L1	20152	float	V	
Voltage 20.harmonic L2	HARM_U20_L2	20154	float	V	
Voltage 20.harmonic L3	HARM_U20_L3	20156	float	V	
	NULL	20158	float	V	
Voltage 21.harmonic L1	HARM_U21_L1	20160	float	V	
Voltage 21.harmonic L2	HARM_U21_L2	20162	float	V	
Voltage 21.harmonic L3	HARM_U21_L3	20164	float	V	
	NULL	20166	float	V	
Voltage 22.harmonic L1	HARM_U22_L1	20168	float	V	
Voltage 22.harmonic L2	HARM_U22_L2	20170	float	V	
Voltage 22.harmonic L3	HARM_U22_L3	20172	float	V	
	NULL	20174	float	V	
Voltage 23.harmonic L1	HARM_U23_L1	20176	float	V	
Voltage 23.harmonic L2	HARM_U23_L2	20178	float	V	
Voltage 23.harmonic L3	HARM_U23_L3	20180	float	V	
	NULL	20182	float	V	
Voltage 24.harmonic L1	HARM_U24_L1	20184	float	V	
Voltage 24.harmonic L2	HARM_U24_L2	20186	float	V	
Voltage 24.harmonic L3	HARM_U24_L3	20188	float	V	
	NULL	20190	float	V	
Voltage 25.harmonic L1	HARM_U25_L1	20192	float	V	
Voltage 25.harmonic L2	HARM_U25_L2	20194	float	V	
Voltage 25.harmonic L3	HARM_U25_L3	20196	float	V	
	NULL	20198	float	V	
Voltage 26.harmonic L1	HARM_U26_L1	20200	float	V	
Voltage 26.harmonic L2	HARM_U26_L2	20202	float	V	
Voltage 26.harmonic L3	HARM_U26_L3	20204	float	V	
	NULL	20206	float	V	
Voltage 27.harmonic L1	HARM_U27_L1	20208	float	V	
Voltage 27.harmonic L2	HARM_U27_L2	20210	float	V	
Voltage 27.harmonic L3	HARM_U27_L3	20212	float	V	
	NULL	20214	float	V	
Voltage 28.harmonic L1	HARM_U28_L1	20216	float	V	
Voltage 28.harmonic L2	HARM_U28_L2	20218	float	V	
Voltage 28.harmonic L3	HARM_U28_L3	20220	float	V	
	NULL	20222	float	V	
Voltage 29.harmonic L1	HARM_U29_L1	20224	float	V	
Voltage 29.harmonic L2	HARM_U29_L2	20226	float	V	
Voltage 29.harmonic L3	HARM_U29_L3	20228	float	V	
	NULL	20230	float	V	
Voltage 30.harmonic L1	HARM_U30_L1	20232	float	V	
Voltage 30.harmonic L2	HARM_U30_L2	20234	float	V	
Voltage 30.harmonic L3	HARM_U30_L3	20236	float	V	
	NULL	20238	float	V	
Voltage 31.harmonic L1	HARM_U31_L1	20240	float	V	
Voltage 31.harmonic L2	HARM_U31_L2	20242	float	V	
Voltage 31.harmonic L3	HARM_U31_L3	20244	float	V	
	NULL	20246	float	V	
Voltage 32.harmonic L1	HARM_U32_L1	20248	float	V	
Voltage 32.harmonic L2	HARM_U32_L2	20250	float	V	
Voltage 32.harmonic L3	HARM_U32_L3	20252	float	V	
	NULL	20254	float	V	
Voltage 33.harmonic L1	HARM_U33_L1	20256	float	V	
Voltage 33.harmonic L2	HARM_U33_L2	20258	float	V	
Voltage 33.harmonic L3	HARM_U33_L3	20260	float	V	
	NULL	20262	float	V	
Voltage 34.harmonic L1	HARM_U34_L1	20264	float	V	
Voltage 34.harmonic L2	HARM_U34_L2	20266	float	V	
Voltage 34.harmonic L3	HARM_U34_L3	20268	float	V	
	NULL	20270	float	V	
Voltage 35.harmonic L1	HARM_U35_L1	20272	float	V	
Voltage 35.harmonic L2	HARM_U35_L2	20274	float	V	
Voltage 35.harmonic L3	HARM_U35_L3	20276	float	V	
	NULL	20278	float	V	

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.harmonic L1	HARM_U36_L1	20280	float	V	
Voltage 36.harmonic L2	HARM_U36_L2	20282	float	V	
Voltage 36.harmonic L3	HARM_U36_L3	20284	float	V	
	NULL	20286	float	V	
Voltage 37.harmonic L1	HARM_U37_L1	20288	float	V	
Voltage 37.harmonic L2	HARM_U37_L2	20290	float	V	
Voltage 37.harmonic L3	HARM_U37_L3	20292	float	V	
	NULL	20294	float	V	
Voltage 38.harmonic L1	HARM_U38_L1	20296	float	V	
Voltage 38.harmonic L2	HARM_U38_L2	20298	float	V	
Voltage 38.harmonic L3	HARM_U38_L3	20300	float	V	
	NULL	20302	float	V	
Voltage 39.harmonic L1	HARM_U39_L1	20304	float	V	
Voltage 39.harmonic L2	HARM_U39_L2	20306	float	V	
Voltage 39.harmonic L3	HARM_U39_L3	20308	float	V	
	NULL	20310	float	V	
Voltage 40.harmonic L1	HARM_U40_L1	20312	float	V	
Voltage 40.harmonic L2	HARM_U40_L2	20314	float	V	
Voltage 40.harmonic L3	HARM_U40_L3	20316	float	V	
	NULL	20318	float	V	
Voltage 41.harmonic L1	HARM_U41_L1	20320	float	V	
Voltage 41.harmonic L2	HARM_U41_L2	20322	float	V	
Voltage 41.harmonic L3	HARM_U41_L3	20324	float	V	
	NULL	20326	float	V	
Voltage 42.harmonic L1	HARM_U42_L1	20328	float	V	
Voltage 42.harmonic L2	HARM_U42_L2	20330	float	V	
Voltage 42.harmonic L3	HARM_U42_L3	20332	float	V	
	NULL	20334	float	V	
Voltage 43.harmonic L1	HARM_U43_L1	20336	float	V	
Voltage 43.harmonic L2	HARM_U43_L2	20338	float	V	
Voltage 43.harmonic L3	HARM_U43_L3	20340	float	V	
	NULL	20342	float	V	
Voltage 44.harmonic L1	HARM_U44_L1	20344	float	V	
Voltage 44.harmonic L2	HARM_U44_L2	20346	float	V	
Voltage 44.harmonic L3	HARM_U44_L3	20348	float	V	
	NULL	20350	float	V	
Voltage 45.harmonic L1	HARM_U45_L1	20352	float	V	
Voltage 45.harmonic L2	HARM_U45_L2	20354	float	V	
Voltage 45.harmonic L3	HARM_U45_L3	20356	float	V	
	NULL	20358	float	V	
Voltage 46.harmonic L1	HARM_U46_L1	20360	float	V	
Voltage 46.harmonic L2	HARM_U46_L2	20362	float	V	
Voltage 46.harmonic L3	HARM_U46_L3	20364	float	V	
	NULL	20366	float	V	
Voltage 47.harmonic L1	HARM_U47_L1	20368	float	V	
Voltage 47.harmonic L2	HARM_U47_L2	20370	float	V	
Voltage 47.harmonic L3	HARM_U47_L3	20372	float	V	
	NULL	20374	float	V	
Voltage 48.harmonic L1	HARM_U48_L1	20376	float	V	
Voltage 48.harmonic L2	HARM_U48_L2	20378	float	V	
Voltage 48.harmonic L3	HARM_U48_L3	20380	float	V	
	NULL	20382	float	V	
Voltage 49.harmonic L1	HARM_U49_L1	20384	float	V	
Voltage 49.harmonic L2	HARM_U49_L2	20386	float	V	
Voltage 49.harmonic L3	HARM_U49_L3	20388	float	V	
	NULL	20390	float	V	
Voltage 50.harmonic L1	HARM_U50_L1	20392	float	V	
Voltage 50.harmonic L2	HARM_U50_L2	20394	float	V	
Voltage 50.harmonic L3	HARM_U50_L3	20396	float	V	
	NULL	20398	float	V	
Voltage 51.harmonic L1	HARM_U51_L1	20400	float	V	
Voltage 51.harmonic L2	HARM_U51_L2	20402	float	V	
Voltage 51.harmonic L3	HARM_U51_L3	20404	float	V	
	NULL	20406	float	V	
Voltage 52.harmonic L1	HARM_U52_L1	20408	float	V	
Voltage 52.harmonic L2	HARM_U52_L2	20410	float	V	
Voltage 52.harmonic L3	HARM_U52_L3	20412	float	V	
	NULL	20414	float	V	
Voltage 53.harmonic L1	HARM_U53_L1	20416	float	V	
Voltage 53.harmonic L2	HARM_U53_L2	20418	float	V	

Voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.harmonic L3	HARM_U53_L3	20420	float	V	
	NULL	20422	float	V	
Voltage 54.harmonic L1	HARM_U54_L1	20424	float	V	
Voltage 54.harmonic L2	HARM_U54_L2	20426	float	V	
Voltage 54.harmonic L3	HARM_U54_L3	20428	float	V	
	NULL	20430	float	V	
Voltage 55.harmonic L1	HARM_U55_L1	20432	float	V	
Voltage 55.harmonic L2	HARM_U55_L2	20434	float	V	
Voltage 55.harmonic L3	HARM_U55_L3	20436	float	V	
	NULL	20438	float	V	
Voltage 56.harmonic L1	HARM_U56_L1	20440	float	V	
Voltage 56.harmonic L2	HARM_U56_L2	20442	float	V	
Voltage 56.harmonic L3	HARM_U56_L3	20444	float	V	
	NULL	20446	float	V	
Voltage 57.harmonic L1	HARM_U57_L1	20448	float	V	
Voltage 57.harmonic L2	HARM_U57_L2	20450	float	V	
Voltage 57.harmonic L3	HARM_U57_L3	20452	float	V	
	NULL	20454	float	V	
Voltage 58.harmonic L1	HARM_U58_L1	20456	float	V	
Voltage 58.harmonic L2	HARM_U58_L2	20458	float	V	
Voltage 58.harmonic L3	HARM_U58_L3	20460	float	V	
	NULL	20462	float	V	
Voltage 59.harmonic L1	HARM_U59_L1	20464	float	V	
Voltage 59.harmonic L2	HARM_U59_L2	20466	float	V	
Voltage 59.harmonic L3	HARM_U59_L3	20468	float	V	
	NULL	20470	float	V	
Voltage 60.harmonic L1	HARM_U60_L1	20472	float	V	
Voltage 60.harmonic L2	HARM_U60_L2	20474	float	V	
Voltage 60.harmonic L3	HARM_U60_L3	20476	float	V	
	NULL	20478	float	V	
Voltage 61.harmonic L1	HARM_U61_L1	20480	float	V	
Voltage 61.harmonic L2	HARM_U61_L2	20482	float	V	
Voltage 61.harmonic L3	HARM_U61_L3	20484	float	V	
	NULL	20486	float	V	
Voltage 62.harmonic L1	HARM_U62_L1	20488	float	V	
Voltage 62.harmonic L2	HARM_U62_L2	20490	float	V	
Voltage 62.harmonic L3	HARM_U62_L3	20492	float	V	
	NULL	20494	float	V	
Voltage 63.harmonic L1	HARM_U63_L1	20496	float	V	
Voltage 63.harmonic L2	HARM_U63_L2	20498	float	V	
Voltage 63.harmonic L3	HARM_U63_L3	20500	float	V	
	NULL	20502	float	V	
Voltage 64.harmonic L1	HARM_U64_L1	20504	float	V	
Voltage 64.harmonic L2	HARM_U64_L2	20506	float	V	
Voltage 64.harmonic L3	HARM_U64_L3	20508	float	V	
	NULL	20510	float	V	

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.inter-harmonic L1	INTERHARM_U1_L1	20512	float	V	
Voltage 1.inter-harmonic L2	INTERHARM_U1_L2	20514	float	V	
Voltage 1.inter-harmonic L3	INTERHARM_U1_L3	20516	float	V	
	NULL	20518	float	V	
Voltage 2.inter-harmonic L1	INTERHARM_U2_L1	20520	float	V	
Voltage 2.inter-harmonic L2	INTERHARM_U2_L2	20522	float	V	
Voltage 2.inter-harmonic L3	INTERHARM_U2_L3	20524	float	V	
	NULL	20526	float	V	
Voltage 3.inter-harmonic L1	INTERHARM_U3_L1	20528	float	V	
Voltage 3.inter-harmonic L2	INTERHARM_U3_L2	20530	float	V	
Voltage 3.inter-harmonic L3	INTERHARM_U3_L3	20532	float	V	
	NULL	20534	float	V	
Voltage 4.inter-harmonic L1	INTERHARM_U4_L1	20536	float	V	
Voltage 4.inter-harmonic L2	INTERHARM_U4_L2	20538	float	V	
Voltage 4.inter-harmonic L3	INTERHARM_U4_L3	20540	float	V	
	NULL	20542	float	V	
Voltage 5.inter-harmonic L1	INTERHARM_U5_L1	20544	float	V	
Voltage 5.inter-harmonic L2	INTERHARM_U5_L2	20546	float	V	
Voltage 5.inter-harmonic L3	INTERHARM_U5_L3	20548	float	V	
	NULL	20550	float	V	
Voltage 6.inter-harmonic L1	INTERHARM_U6_L1	20552	float	V	
Voltage 6.inter-harmonic L2	INTERHARM_U6_L2	20554	float	V	
Voltage 6.inter-harmonic L3	INTERHARM_U6_L3	20556	float	V	
	NULL	20558	float	V	
Voltage 7.inter-harmonic L1	INTERHARM_U7_L1	20560	float	V	
Voltage 7.inter-harmonic L2	INTERHARM_U7_L2	20562	float	V	
Voltage 7.inter-harmonic L3	INTERHARM_U7_L3	20564	float	V	
	NULL	20566	float	V	
Voltage 8.inter-harmonic L1	INTERHARM_U8_L1	20568	float	V	
Voltage 8.inter-harmonic L2	INTERHARM_U8_L2	20570	float	V	
Voltage 8.inter-harmonic L3	INTERHARM_U8_L3	20572	float	V	
	NULL	20574	float	V	
Voltage 9.inter-harmonic L1	INTERHARM_U9_L1	20576	float	V	
Voltage 9.inter-harmonic L2	INTERHARM_U9_L2	20578	float	V	
Voltage 9.inter-harmonic L3	INTERHARM_U9_L3	20580	float	V	
	NULL	20582	float	V	
Voltage 10.inter-harmonic L1	INTERHARM_U10_L1	20584	float	V	
Voltage 10.inter-harmonic L2	INTERHARM_U10_L2	20586	float	V	
Voltage 10.inter-harmonic L3	INTERHARM_U10_L3	20588	float	V	
	NULL	20590	float	V	
Voltage 11.inter-harmonic L1	INTERHARM_U11_L1	20592	float	V	
Voltage 11.inter-harmonic L2	INTERHARM_U11_L2	20594	float	V	
Voltage 11.inter-harmonic L3	INTERHARM_U11_L3	20596	float	V	
	NULL	20598	float	V	
Voltage 12.inter-harmonic L1	INTERHARM_U12_L1	20600	float	V	
Voltage 12.inter-harmonic L2	INTERHARM_U12_L2	20602	float	V	
Voltage 12.inter-harmonic L3	INTERHARM_U12_L3	20604	float	V	
	NULL	20606	float	V	
Voltage 13.inter-harmonic L1	INTERHARM_U13_L1	20608	float	V	
Voltage 13.inter-harmonic L2	INTERHARM_U13_L2	20610	float	V	
Voltage 13.inter-harmonic L3	INTERHARM_U13_L3	20612	float	V	
	NULL	20614	float	V	
Voltage 14.inter-harmonic L1	INTERHARM_U14_L1	20616	float	V	
Voltage 14.inter-harmonic L2	INTERHARM_U14_L2	20618	float	V	
Voltage 14.inter-harmonic L3	INTERHARM_U14_L3	20620	float	V	
	NULL	20622	float	V	
Voltage 15.inter-harmonic L1	INTERHARM_U15_L1	20624	float	V	
Voltage 15.inter-harmonic L2	INTERHARM_U15_L2	20626	float	V	
Voltage 15.inter-harmonic L3	INTERHARM_U15_L3	20628	float	V	
	NULL	20630	float	V	
Voltage 16.inter-harmonic L1	INTERHARM_U16_L1	20632	float	V	
Voltage 16.inter-harmonic L2	INTERHARM_U16_L2	20634	float	V	
Voltage 16.inter-harmonic L3	INTERHARM_U16_L3	20636	float	V	
	NULL	20638	float	V	
Voltage 17.inter-harmonic L1	INTERHARM_U17_L1	20640	float	V	
Voltage 17.inter-harmonic L2	INTERHARM_U17_L2	20642	float	V	
Voltage 17.inter-harmonic L3	INTERHARM_U17_L3	20644	float	V	
	NULL	20646	float	V	
Voltage 18.inter-harmonic L1	INTERHARM_U18_L1	20648	float	V	
Voltage 18.inter-harmonic L2	INTERHARM_U18_L2	20650	float	V	

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.inter-harmonic L3	INTERHARM_U18_L3	20652	float	V	
	NULL	20654	float	V	
Voltage 19.inter-harmonic L1	INTERHARM_U19_L1	20656	float	V	
Voltage 19.inter-harmonic L2	INTERHARM_U19_L2	20658	float	V	
Voltage 19.inter-harmonic L3	INTERHARM_U19_L3	20660	float	V	
	NULL	20662	float	V	
Voltage 20.inter-harmonic L1	INTERHARM_U20_L1	20664	float	V	
Voltage 20.inter-harmonic L2	INTERHARM_U20_L2	20666	float	V	
Voltage 20.inter-harmonic L3	INTERHARM_U20_L3	20668	float	V	
	NULL	20670	float	V	
Voltage 21.inter-harmonic L1	INTERHARM_U21_L1	20672	float	V	
Voltage 21.inter-harmonic L2	INTERHARM_U21_L2	20674	float	V	
Voltage 21.inter-harmonic L3	INTERHARM_U21_L3	20676	float	V	
	NULL	20678	float	V	
Voltage 22.inter-harmonic L1	INTERHARM_U22_L1	20680	float	V	
Voltage 22.inter-harmonic L2	INTERHARM_U22_L2	20682	float	V	
Voltage 22.inter-harmonic L3	INTERHARM_U22_L3	20684	float	V	
	NULL	20686	float	V	
Voltage 23.inter-harmonic L1	INTERHARM_U23_L1	20688	float	V	
Voltage 23.inter-harmonic L2	INTERHARM_U23_L2	20690	float	V	
Voltage 23.inter-harmonic L3	INTERHARM_U23_L3	20692	float	V	
	NULL	20694	float	V	
Voltage 24.inter-harmonic L1	INTERHARM_U24_L1	20696	float	V	
Voltage 24.inter-harmonic L2	INTERHARM_U24_L2	20698	float	V	
Voltage 24.inter-harmonic L3	INTERHARM_U24_L3	20700	float	V	
	NULL	20702	float	V	
Voltage 25.inter-harmonic L1	INTERHARM_U25_L1	20704	float	V	
Voltage 25.inter-harmonic L2	INTERHARM_U25_L2	20706	float	V	
Voltage 25.inter-harmonic L3	INTERHARM_U25_L3	20708	float	V	
	NULL	20710	float	V	
Voltage 26.inter-harmonic L1	INTERHARM_U26_L1	20712	float	V	
Voltage 26.inter-harmonic L2	INTERHARM_U26_L2	20714	float	V	
Voltage 26.inter-harmonic L3	INTERHARM_U26_L3	20716	float	V	
	NULL	20718	float	V	
Voltage 27.inter-harmonic L1	INTERHARM_U27_L1	20720	float	V	
Voltage 27.inter-harmonic L2	INTERHARM_U27_L2	20722	float	V	
Voltage 27.inter-harmonic L3	INTERHARM_U27_L3	20724	float	V	
	NULL	20726	float	V	
Voltage 28.inter-harmonic L1	INTERHARM_U28_L1	20728	float	V	
Voltage 28.inter-harmonic L2	INTERHARM_U28_L2	20730	float	V	
Voltage 28.inter-harmonic L3	INTERHARM_U28_L3	20732	float	V	
	NULL	20734	float	V	
Voltage 29.inter-harmonic L1	INTERHARM_U29_L1	20736	float	V	
Voltage 29.inter-harmonic L2	INTERHARM_U29_L2	20738	float	V	
Voltage 29.inter-harmonic L3	INTERHARM_U29_L3	20740	float	V	
	NULL	20742	float	V	
Voltage 30.inter-harmonic L1	INTERHARM_U30_L1	20744	float	V	
Voltage 30.inter-harmonic L2	INTERHARM_U30_L2	20746	float	V	
Voltage 30.inter-harmonic L3	INTERHARM_U30_L3	20748	float	V	
	NULL	20750	float	V	
Voltage 31.inter-harmonic L1	INTERHARM_U31_L1	20752	float	V	
Voltage 31.inter-harmonic L2	INTERHARM_U31_L2	20754	float	V	
Voltage 31.inter-harmonic L3	INTERHARM_U31_L3	20756	float	V	
	NULL	20758	float	V	
Voltage 32.inter-harmonic L1	INTERHARM_U32_L1	20760	float	V	
Voltage 32.inter-harmonic L2	INTERHARM_U32_L2	20762	float	V	
Voltage 32.inter-harmonic L3	INTERHARM_U32_L3	20764	float	V	
	NULL	20766	float	V	
Voltage 33.inter-harmonic L1	INTERHARM_U33_L1	20768	float	V	
Voltage 33.inter-harmonic L2	INTERHARM_U33_L2	20770	float	V	
Voltage 33.inter-harmonic L3	INTERHARM_U33_L3	20772	float	V	
	NULL	20774	float	V	
Voltage 34.inter-harmonic L1	INTERHARM_U34_L1	20776	float	V	
Voltage 34.inter-harmonic L2	INTERHARM_U34_L2	20778	float	V	
Voltage 34.inter-harmonic L3	INTERHARM_U34_L3	20780	float	V	
	NULL	20782	float	V	
Voltage 35.inter-harmonic L1	INTERHARM_U35_L1	20784	float	V	
Voltage 35.inter-harmonic L2	INTERHARM_U35_L2	20786	float	V	
Voltage 35.inter-harmonic L3	INTERHARM_U35_L3	20788	float	V	
	NULL	20790	float	V	

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.inter-harmonic L1	INTERHARM_U36_L1	20792	float	V	
Voltage 36.inter-harmonic L2	INTERHARM_U36_L2	20794	float	V	
Voltage 36.inter-harmonic L3	INTERHARM_U36_L3	20796	float	V	
	NULL	20798	float	V	
Voltage 37.inter-harmonic L1	INTERHARM_U37_L1	20800	float	V	
Voltage 37.inter-harmonic L2	INTERHARM_U37_L2	20802	float	V	
Voltage 37.inter-harmonic L3	INTERHARM_U37_L3	20804	float	V	
	NULL	20806	float	V	
Voltage 38.inter-harmonic L1	INTERHARM_U38_L1	20808	float	V	
Voltage 38.inter-harmonic L2	INTERHARM_U38_L2	20810	float	V	
Voltage 38.inter-harmonic L3	INTERHARM_U38_L3	20812	float	V	
	NULL	20814	float	V	
Voltage 39.inter-harmonic L1	INTERHARM_U39_L1	20816	float	V	
Voltage 39.inter-harmonic L2	INTERHARM_U39_L2	20818	float	V	
Voltage 39.inter-harmonic L3	INTERHARM_U39_L3	20820	float	V	
	NULL	20822	float	V	
Voltage 40.inter-harmonic L1	INTERHARM_U40_L1	20824	float	V	
Voltage 40.inter-harmonic L2	INTERHARM_U40_L2	20826	float	V	
Voltage 40.inter-harmonic L3	INTERHARM_U40_L3	20828	float	V	
	NULL	20830	float	V	
Voltage 41.inter-harmonic L1	INTERHARM_U41_L1	20832	float	V	
Voltage 41.inter-harmonic L2	INTERHARM_U41_L2	20834	float	V	
Voltage 41.inter-harmonic L3	INTERHARM_U41_L3	20836	float	V	
	NULL	20838	float	V	
Voltage 42.inter-harmonic L1	INTERHARM_U42_L1	20840	float	V	
Voltage 42.inter-harmonic L2	INTERHARM_U42_L2	20842	float	V	
Voltage 42.inter-harmonic L3	INTERHARM_U42_L3	20844	float	V	
	NULL	20846	float	V	
Voltage 43.inter-harmonic L1	INTERHARM_U43_L1	20848	float	V	
Voltage 43.inter-harmonic L2	INTERHARM_U43_L2	20850	float	V	
Voltage 43.inter-harmonic L3	INTERHARM_U43_L3	20852	float	V	
	NULL	20854	float	V	
Voltage 44.inter-harmonic L1	INTERHARM_U44_L1	20856	float	V	
Voltage 44.inter-harmonic L2	INTERHARM_U44_L2	20858	float	V	
Voltage 44.inter-harmonic L3	INTERHARM_U44_L3	20860	float	V	
	NULL	20862	float	V	
Voltage 45.inter-harmonic L1	INTERHARM_U45_L1	20864	float	V	
Voltage 45.inter-harmonic L2	INTERHARM_U45_L2	20866	float	V	
Voltage 45.inter-harmonic L3	INTERHARM_U45_L3	20868	float	V	
	NULL	20870	float	V	
Voltage 46.inter-harmonic L1	INTERHARM_U46_L1	20872	float	V	
Voltage 46.inter-harmonic L2	INTERHARM_U46_L2	20874	float	V	
Voltage 46.inter-harmonic L3	INTERHARM_U46_L3	20876	float	V	
	NULL	20878	float	V	
Voltage 47.inter-harmonic L1	INTERHARM_U47_L1	20880	float	V	
Voltage 47.inter-harmonic L2	INTERHARM_U47_L2	20882	float	V	
Voltage 47.inter-harmonic L3	INTERHARM_U47_L3	20884	float	V	
	NULL	20886	float	V	
Voltage 48.inter-harmonic L1	INTERHARM_U48_L1	20888	float	V	
Voltage 48.inter-harmonic L2	INTERHARM_U48_L2	20890	float	V	
Voltage 48.inter-harmonic L3	INTERHARM_U48_L3	20892	float	V	
	NULL	20894	float	V	
Voltage 49.inter-harmonic L1	INTERHARM_U49_L1	20896	float	V	
Voltage 49.inter-harmonic L2	INTERHARM_U49_L2	20898	float	V	
Voltage 49.inter-harmonic L3	INTERHARM_U49_L3	20900	float	V	
	NULL	20902	float	V	
Voltage 50.inter-harmonic L1	INTERHARM_U50_L1	20904	float	V	
Voltage 50.inter-harmonic L2	INTERHARM_U50_L2	20906	float	V	
Voltage 50.inter-harmonic L3	INTERHARM_U50_L3	20908	float	V	
	NULL	20910	float	V	
Voltage 51.inter-harmonic L1	INTERHARM_U51_L1	20912	float	V	
Voltage 51.inter-harmonic L2	INTERHARM_U51_L2	20914	float	V	
Voltage 51.inter-harmonic L3	INTERHARM_U51_L3	20916	float	V	
	NULL	20918	float	V	
Voltage 52.inter-harmonic L1	INTERHARM_U52_L1	20920	float	V	
Voltage 52.inter-harmonic L2	INTERHARM_U52_L2	20922	float	V	
Voltage 52.inter-harmonic L3	INTERHARM_U52_L3	20924	float	V	
	NULL	20926	float	V	
Voltage 53.inter-harmonic L1	INTERHARM_U53_L1	20928	float	V	
Voltage 53.inter-harmonic L2	INTERHARM_U53_L2	20930	float	V	

Voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.inter-harmonic L3	INTERHARM_U53_L3	20932	float	V	
	NULL	20934	float	V	
Voltage 54.inter-harmonic L1	INTERHARM_U54_L1	20936	float	V	
Voltage 54.inter-harmonic L2	INTERHARM_U54_L2	20938	float	V	
Voltage 54.inter-harmonic L3	INTERHARM_U54_L3	20940	float	V	
	NULL	20942	float	V	
Voltage 55.inter-harmonic L1	INTERHARM_U55_L1	20944	float	V	
Voltage 55.inter-harmonic L2	INTERHARM_U55_L2	20946	float	V	
Voltage 55.inter-harmonic L3	INTERHARM_U55_L3	20948	float	V	
	NULL	20950	float	V	
Voltage 56.inter-harmonic L1	INTERHARM_U56_L1	20952	float	V	
Voltage 56.inter-harmonic L2	INTERHARM_U56_L2	20954	float	V	
Voltage 56.inter-harmonic L3	INTERHARM_U56_L3	20956	float	V	
	NULL	20958	float	V	
Voltage 57.inter-harmonic L1	INTERHARM_U57_L1	20960	float	V	
Voltage 57.inter-harmonic L2	INTERHARM_U57_L2	20962	float	V	
Voltage 57.inter-harmonic L3	INTERHARM_U57_L3	20964	float	V	
	NULL	20966	float	V	
Voltage 58.inter-harmonic L1	INTERHARM_U58_L1	20968	float	V	
Voltage 58.inter-harmonic L2	INTERHARM_U58_L2	20970	float	V	
Voltage 58.inter-harmonic L3	INTERHARM_U58_L3	20972	float	V	
	NULL	20974	float	V	
Voltage 59.inter-harmonic L1	INTERHARM_U59_L1	20976	float	V	
Voltage 59.inter-harmonic L2	INTERHARM_U59_L2	20978	float	V	
Voltage 59.inter-harmonic L3	INTERHARM_U59_L3	20980	float	V	
	NULL	20982	float	V	
Voltage 60.inter-harmonic L1	INTERHARM_U60_L1	20984	float	V	
Voltage 60.inter-harmonic L2	INTERHARM_U60_L2	20986	float	V	
Voltage 60.inter-harmonic L3	INTERHARM_U60_L3	20988	float	V	
	NULL	20990	float	V	
Voltage 61.inter-harmonic L1	INTERHARM_U61_L1	20992	float	V	
Voltage 61.inter-harmonic L2	INTERHARM_U61_L2	20994	float	V	
Voltage 61.inter-harmonic L3	INTERHARM_U61_L3	20996	float	V	
	NULL	20998	float	V	
Voltage 62.inter-harmonic L1	INTERHARM_U62_L1	21000	float	V	
Voltage 62.inter-harmonic L2	INTERHARM_U62_L2	21002	float	V	
Voltage 62.inter-harmonic L3	INTERHARM_U62_L3	21004	float	V	
	NULL	21006	float	V	
Voltage 63.inter-harmonic L1	INTERHARM_U63_L1	21008	float	V	
Voltage 63.inter-harmonic L2	INTERHARM_U63_L2	21010	float	V	
Voltage 63.inter-harmonic L3	INTERHARM_U63_L3	21012	float	V	
	NULL	21014	float	V	
Voltage 64.inter-harmonic L1	INTERHARM_U64_L1	21016	float	V	
Voltage 64.inter-harmonic L2	INTERHARM_U64_L2	21018	float	V	
Voltage 64.inter-harmonic L3	INTERHARM_U64_L3	21020	float	V	
	NULL	21022	float	V	

Voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.group harmonic L1	GROUP_HARM_U1_L1	21024	float	V	
Voltage 1.group harmonic L2	GROUP_HARM_U1_L2	21026	float	V	
Voltage 1.group harmonic L3	GROUP_HARM_U1_L3	21028	float	V	
	NULL	21030	float	V	
Voltage 2.group harmonic L1	GROUP_HARM_U2_L1	21032	float	V	
Voltage 2.group harmonic L2	GROUP_HARM_U2_L2	21034	float	V	
Voltage 2.group harmonic L3	GROUP_HARM_U2_L3	21036	float	V	
	NULL	21038	float	V	
Voltage 3.group harmonic L1	GROUP_HARM_U3_L1	21040	float	V	
Voltage 3.group harmonic L2	GROUP_HARM_U3_L2	21042	float	V	
Voltage 3.group harmonic L3	GROUP_HARM_U3_L3	21044	float	V	
	NULL	21046	float	V	
Voltage 4.group harmonic L1	GROUP_HARM_U4_L1	21048	float	V	
Voltage 4.group harmonic L2	GROUP_HARM_U4_L2	21050	float	V	
Voltage 4.group harmonic L3	GROUP_HARM_U4_L3	21052	float	V	
	NULL	21054	float	V	
Voltage 5.group harmonic L1	GROUP_HARM_U5_L1	21056	float	V	
Voltage 5.group harmonic L2	GROUP_HARM_U5_L2	21058	float	V	
Voltage 5.group harmonic L3	GROUP_HARM_U5_L3	21060	float	V	
	NULL	21062	float	V	
Voltage 6.group harmonic L1	GROUP_HARM_U6_L1	21064	float	V	
Voltage 6.group harmonic L2	GROUP_HARM_U6_L2	21066	float	V	
Voltage 6.group harmonic L3	GROUP_HARM_U6_L3	21068	float	V	
	NULL	21070	float	V	
Voltage 7.group harmonic L1	GROUP_HARM_U7_L1	21072	float	V	
Voltage 7.group harmonic L2	GROUP_HARM_U7_L2	21074	float	V	
Voltage 7.group harmonic L3	GROUP_HARM_U7_L3	21076	float	V	
	NULL	21078	float	V	
Voltage 8.group harmonic L1	GROUP_HARM_U8_L1	21080	float	V	
Voltage 8.group harmonic L2	GROUP_HARM_U8_L2	21082	float	V	
Voltage 8.group harmonic L3	GROUP_HARM_U8_L3	21084	float	V	
	NULL	21086	float	V	
Voltage 9.group harmonic L1	GROUP_HARM_U9_L1	21088	float	V	
Voltage 9.group harmonic L2	GROUP_HARM_U9_L2	21090	float	V	
Voltage 9.group harmonic L3	GROUP_HARM_U9_L3	21092	float	V	
	NULL	21094	float	V	
Voltage 10.group harmonic L1	GROUP_HARM_U10_L1	21096	float	V	
Voltage 10.group harmonic L2	GROUP_HARM_U10_L2	21098	float	V	
Voltage 10.group harmonic L3	GROUP_HARM_U10_L3	21100	float	V	
	NULL	21102	float	V	
Voltage 11.group harmonic L1	GROUP_HARM_U11_L1	21104	float	V	
Voltage 11.group harmonic L2	GROUP_HARM_U11_L2	21106	float	V	
Voltage 11.group harmonic L3	GROUP_HARM_U11_L3	21108	float	V	
	NULL	21110	float	V	
Voltage 12.group harmonic L1	GROUP_HARM_U12_L1	21112	float	V	
Voltage 12.group harmonic L2	GROUP_HARM_U12_L2	21114	float	V	
Voltage 12.group harmonic L3	GROUP_HARM_U12_L3	21116	float	V	
	NULL	21118	float	V	
Voltage 13.group harmonic L1	GROUP_HARM_U13_L1	21120	float	V	
Voltage 13.group harmonic L2	GROUP_HARM_U13_L2	21122	float	V	
Voltage 13.group harmonic L3	GROUP_HARM_U13_L3	21124	float	V	
	NULL	21126	float	V	
Voltage 14.group harmonic L1	GROUP_HARM_U14_L1	21128	float	V	
Voltage 14.group harmonic L2	GROUP_HARM_U14_L2	21130	float	V	
Voltage 14.group harmonic L3	GROUP_HARM_U14_L3	21132	float	V	
	NULL	21134	float	V	
Voltage 15.group harmonic L1	GROUP_HARM_U15_L1	21136	float	V	
Voltage 15.group harmonic L2	GROUP_HARM_U15_L2	21138	float	V	
Voltage 15.group harmonic L3	GROUP_HARM_U15_L3	21140	float	V	
	NULL	21142	float	V	
Voltage 16.group harmonic L1	GROUP_HARM_U16_L1	21144	float	V	
Voltage 16.group harmonic L2	GROUP_HARM_U16_L2	21146	float	V	
Voltage 16.group harmonic L3	GROUP_HARM_U16_L3	21148	float	V	
	NULL	21150	float	V	
Voltage 17.group harmonic L1	GROUP_HARM_U17_L1	21152	float	V	
Voltage 17.group harmonic L2	GROUP_HARM_U17_L2	21154	float	V	
Voltage 17.group harmonic L3	GROUP_HARM_U17_L3	21156	float	V	
	NULL	21158	float	V	
Voltage 18.group harmonic L1	GROUP_HARM_U18_L1	21160	float	V	
Voltage 18.group harmonic L2	GROUP_HARM_U18_L2	21162	float	V	

Voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.group harmonic L3	GROUP_HARM_U18_L3	21164	float	V	
	NULL	21166	float	V	
Voltage 19.group harmonic L1	GROUP_HARM_U19_L1	21168	float	V	
Voltage 19.group harmonic L2	GROUP_HARM_U19_L2	21170	float	V	
Voltage 19.group harmonic L3	GROUP_HARM_U19_L3	21172	float	V	
	NULL	21174	float	V	
Voltage 20.group harmonic L1	GROUP_HARM_U20_L1	21176	float	V	
Voltage 20.group harmonic L2	GROUP_HARM_U20_L2	21178	float	V	
Voltage 20.group harmonic L3	GROUP_HARM_U20_L3	21180	float	V	
	NULL	21182	float	V	
Voltage 21.group harmonic L1	GROUP_HARM_U21_L1	21184	float	V	
Voltage 21.group harmonic L2	GROUP_HARM_U21_L2	21186	float	V	
Voltage 21.group harmonic L3	GROUP_HARM_U21_L3	21188	float	V	
	NULL	21190	float	V	
Voltage 22.group harmonic L1	GROUP_HARM_U22_L1	21192	float	V	
Voltage 22.group harmonic L2	GROUP_HARM_U22_L2	21194	float	V	
Voltage 22.group harmonic L3	GROUP_HARM_U22_L3	21196	float	V	
	NULL	21198	float	V	
Voltage 23.group harmonic L1	GROUP_HARM_U23_L1	21200	float	V	
Voltage 23.group harmonic L2	GROUP_HARM_U23_L2	21202	float	V	
Voltage 23.group harmonic L3	GROUP_HARM_U23_L3	21204	float	V	
	NULL	21206	float	V	
Voltage 24.group harmonic L1	GROUP_HARM_U24_L1	21208	float	V	
Voltage 24.group harmonic L2	GROUP_HARM_U24_L2	21210	float	V	
Voltage 24.group harmonic L3	GROUP_HARM_U24_L3	21212	float	V	
	NULL	21214	float	V	
Voltage 25.group harmonic L1	GROUP_HARM_U25_L1	21216	float	V	
Voltage 25.group harmonic L2	GROUP_HARM_U25_L2	21218	float	V	
Voltage 25.group harmonic L3	GROUP_HARM_U25_L3	21220	float	V	
	NULL	21222	float	V	
Voltage 26.group harmonic L1	GROUP_HARM_U26_L1	21224	float	V	
Voltage 26.group harmonic L2	GROUP_HARM_U26_L2	21226	float	V	
Voltage 26.group harmonic L3	GROUP_HARM_U26_L3	21228	float	V	
	NULL	21230	float	V	
Voltage 27.group harmonic L1	GROUP_HARM_U27_L1	21232	float	V	
Voltage 27.group harmonic L2	GROUP_HARM_U27_L2	21234	float	V	
Voltage 27.group harmonic L3	GROUP_HARM_U27_L3	21236	float	V	
	NULL	21238	float	V	
Voltage 28.group harmonic L1	GROUP_HARM_U28_L1	21240	float	V	
Voltage 28.group harmonic L2	GROUP_HARM_U28_L2	21242	float	V	
Voltage 28.group harmonic L3	GROUP_HARM_U28_L3	21244	float	V	
	NULL	21246	float	V	
Voltage 29.group harmonic L1	GROUP_HARM_U29_L1	21248	float	V	
Voltage 29.group harmonic L2	GROUP_HARM_U29_L2	21250	float	V	
Voltage 29.group harmonic L3	GROUP_HARM_U29_L3	21252	float	V	
	NULL	21254	float	V	
Voltage 30.group harmonic L1	GROUP_HARM_U30_L1	21256	float	V	
Voltage 30.group harmonic L2	GROUP_HARM_U30_L2	21258	float	V	
Voltage 30.group harmonic L3	GROUP_HARM_U30_L3	21260	float	V	
	NULL	21262	float	V	
Voltage 31.group harmonic L1	GROUP_HARM_U31_L1	21264	float	V	
Voltage 31.group harmonic L2	GROUP_HARM_U31_L2	21266	float	V	
Voltage 31.group harmonic L3	GROUP_HARM_U31_L3	21268	float	V	
	NULL	21270	float	V	
Voltage 32.group harmonic L1	GROUP_HARM_U32_L1	21272	float	V	
Voltage 32.group harmonic L2	GROUP_HARM_U32_L2	21274	float	V	
Voltage 32.group harmonic L3	GROUP_HARM_U32_L3	21276	float	V	
	NULL	21278	float	V	
Voltage 33.group harmonic L1	GROUP_HARM_U33_L1	21280	float	V	
Voltage 33.group harmonic L2	GROUP_HARM_U33_L2	21282	float	V	
Voltage 33.group harmonic L3	GROUP_HARM_U33_L3	21284	float	V	
	NULL	21286	float	V	
Voltage 34.group harmonic L1	GROUP_HARM_U34_L1	21288	float	V	
Voltage 34.group harmonic L2	GROUP_HARM_U34_L2	21290	float	V	
Voltage 34.group harmonic L3	GROUP_HARM_U34_L3	21292	float	V	
	NULL	21294	float	V	
Voltage 35.group harmonic L1	GROUP_HARM_U35_L1	21296	float	V	
Voltage 35.group harmonic L2	GROUP_HARM_U35_L2	21298	float	V	
Voltage 35.group harmonic L3	GROUP_HARM_U35_L3	21300	float	V	
	NULL	21302	float	V	

Voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.group harmonic L1	GROUP_HARM_U36_L1	21304	float	V	
Voltage 36.group harmonic L2	GROUP_HARM_U36_L2	21306	float	V	
Voltage 36.group harmonic L3	GROUP_HARM_U36_L3	21308	float	V	
	NULL	21310	float	V	
Voltage 37.group harmonic L1	GROUP_HARM_U37_L1	21312	float	V	
Voltage 37.group harmonic L2	GROUP_HARM_U37_L2	21314	float	V	
Voltage 37.group harmonic L3	GROUP_HARM_U37_L3	21316	float	V	
	NULL	21318	float	V	
Voltage 38.group harmonic L1	GROUP_HARM_U38_L1	21320	float	V	
Voltage 38.group harmonic L2	GROUP_HARM_U38_L2	21322	float	V	
Voltage 38.group harmonic L3	GROUP_HARM_U38_L3	21324	float	V	
	NULL	21326	float	V	
Voltage 39.group harmonic L1	GROUP_HARM_U39_L1	21328	float	V	
Voltage 39.group harmonic L2	GROUP_HARM_U39_L2	21330	float	V	
Voltage 39.group harmonic L3	GROUP_HARM_U39_L3	21332	float	V	
	NULL	21334	float	V	
Voltage 40.group harmonic L1	GROUP_HARM_U40_L1	21336	float	V	
Voltage 40.group harmonic L2	GROUP_HARM_U40_L2	21338	float	V	
Voltage 40.group harmonic L3	GROUP_HARM_U40_L3	21340	float	V	
	NULL	21342	float	V	
Voltage 41.group harmonic L1	GROUP_HARM_U41_L1	21344	float	V	
Voltage 41.group harmonic L2	GROUP_HARM_U41_L2	21346	float	V	
Voltage 41.group harmonic L3	GROUP_HARM_U41_L3	21348	float	V	
	NULL	21350	float	V	
Voltage 42.group harmonic L1	GROUP_HARM_U42_L1	21352	float	V	
Voltage 42.group harmonic L2	GROUP_HARM_U42_L2	21354	float	V	
Voltage 42.group harmonic L3	GROUP_HARM_U42_L3	21356	float	V	
	NULL	21358	float	V	
Voltage 43.group harmonic L1	GROUP_HARM_U43_L1	21360	float	V	
Voltage 43.group harmonic L2	GROUP_HARM_U43_L2	21362	float	V	
Voltage 43.group harmonic L3	GROUP_HARM_U43_L3	21364	float	V	
	NULL	21366	float	V	
Voltage 44.group harmonic L1	GROUP_HARM_U44_L1	21368	float	V	
Voltage 44.group harmonic L2	GROUP_HARM_U44_L2	21370	float	V	
Voltage 44.group harmonic L3	GROUP_HARM_U44_L3	21372	float	V	
	NULL	21374	float	V	
Voltage 45.group harmonic L1	GROUP_HARM_U45_L1	21376	float	V	
Voltage 45.group harmonic L2	GROUP_HARM_U45_L2	21378	float	V	
Voltage 45.group harmonic L3	GROUP_HARM_U45_L3	21380	float	V	
	NULL	21382	float	V	
Voltage 46.group harmonic L1	GROUP_HARM_U46_L1	21384	float	V	
Voltage 46.group harmonic L2	GROUP_HARM_U46_L2	21386	float	V	
Voltage 46.group harmonic L3	GROUP_HARM_U46_L3	21388	float	V	
	NULL	21390	float	V	
Voltage 47.group harmonic L1	GROUP_HARM_U47_L1	21392	float	V	
Voltage 47.group harmonic L2	GROUP_HARM_U47_L2	21394	float	V	
Voltage 47.group harmonic L3	GROUP_HARM_U47_L3	21396	float	V	
	NULL	21398	float	V	
Voltage 48.group harmonic L1	GROUP_HARM_U48_L1	21400	float	V	
Voltage 48.group harmonic L2	GROUP_HARM_U48_L2	21402	float	V	
Voltage 48.group harmonic L3	GROUP_HARM_U48_L3	21404	float	V	
	NULL	21406	float	V	
Voltage 49.group harmonic L1	GROUP_HARM_U49_L1	21408	float	V	
Voltage 49.group harmonic L2	GROUP_HARM_U49_L2	21410	float	V	
Voltage 49.group harmonic L3	GROUP_HARM_U49_L3	21412	float	V	
	NULL	21414	float	V	
Voltage 50.group harmonic L1	GROUP_HARM_U50_L1	21416	float	V	
Voltage 50.group harmonic L2	GROUP_HARM_U50_L2	21418	float	V	
Voltage 50.group harmonic L3	GROUP_HARM_U50_L3	21420	float	V	
	NULL	21422	float	V	
Voltage 51.group harmonic L1	GROUP_HARM_U51_L1	21424	float	V	
Voltage 51.group harmonic L2	GROUP_HARM_U51_L2	21426	float	V	
Voltage 51.group harmonic L3	GROUP_HARM_U51_L3	21428	float	V	
	NULL	21430	float	V	
Voltage 52.group harmonic L1	GROUP_HARM_U52_L1	21432	float	V	
Voltage 52.group harmonic L2	GROUP_HARM_U52_L2	21434	float	V	
Voltage 52.group harmonic L3	GROUP_HARM_U52_L3	21436	float	V	
	NULL	21438	float	V	
Voltage 53.group harmonic L1	GROUP_HARM_U53_L1	21440	float	V	
Voltage 53.group harmonic L2	GROUP_HARM_U53_L2	21442	float	V	

Voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.group harmonic L3	GROUP_HARM_U53_L3	21444	float	V	
	NULL	21446	float	V	
Voltage 54.group harmonic L1	GROUP_HARM_U54_L1	21448	float	V	
Voltage 54.group harmonic L2	GROUP_HARM_U54_L2	21450	float	V	
Voltage 54.group harmonic L3	GROUP_HARM_U54_L3	21452	float	V	
	NULL	21454	float	V	
Voltage 55.group harmonic L1	GROUP_HARM_U55_L1	21456	float	V	
Voltage 55.group harmonic L2	GROUP_HARM_U55_L2	21458	float	V	
Voltage 55.group harmonic L3	GROUP_HARM_U55_L3	21460	float	V	
	NULL	21462	float	V	
Voltage 56.group harmonic L1	GROUP_HARM_U56_L1	21464	float	V	
Voltage 56.group harmonic L2	GROUP_HARM_U56_L2	21466	float	V	
Voltage 56.group harmonic L3	GROUP_HARM_U56_L3	21468	float	V	
	NULL	21470	float	V	
Voltage 57.group harmonic L1	GROUP_HARM_U57_L1	21472	float	V	
Voltage 57.group harmonic L2	GROUP_HARM_U57_L2	21474	float	V	
Voltage 57.group harmonic L3	GROUP_HARM_U57_L3	21476	float	V	
	NULL	21478	float	V	
Voltage 58.group harmonic L1	GROUP_HARM_U58_L1	21480	float	V	
Voltage 58.group harmonic L2	GROUP_HARM_U58_L2	21482	float	V	
Voltage 58.group harmonic L3	GROUP_HARM_U58_L3	21484	float	V	
	NULL	21486	float	V	
Voltage 59.group harmonic L1	GROUP_HARM_U59_L1	21488	float	V	
Voltage 59.group harmonic L2	GROUP_HARM_U59_L2	21490	float	V	
Voltage 59.group harmonic L3	GROUP_HARM_U59_L3	21492	float	V	
	NULL	21494	float	V	
Voltage 60.group harmonic L1	GROUP_HARM_U60_L1	21496	float	V	
Voltage 60.group harmonic L2	GROUP_HARM_U60_L2	21498	float	V	
Voltage 60.group harmonic L3	GROUP_HARM_U60_L3	21500	float	V	
	NULL	21502	float	V	
Voltage 61.group harmonic L1	GROUP_HARM_U61_L1	21504	float	V	
Voltage 61.group harmonic L2	GROUP_HARM_U61_L2	21506	float	V	
Voltage 61.group harmonic L3	GROUP_HARM_U61_L3	21508	float	V	
	NULL	21510	float	V	
Voltage 62.group harmonic L1	GROUP_HARM_U62_L1	21512	float	V	
Voltage 62.group harmonic L2	GROUP_HARM_U62_L2	21514	float	V	
Voltage 62.group harmonic L3	GROUP_HARM_U62_L3	21516	float	V	
	NULL	21518	float	V	
Voltage 63.group harmonic L1	GROUP_HARM_U63_L1	21520	float	V	
Voltage 63.group harmonic L2	GROUP_HARM_U63_L2	21522	float	V	
Voltage 63.group harmonic L3	GROUP_HARM_U63_L3	21524	float	V	
	NULL	21526	float	V	
Voltage 64.group harmonic L1	GROUP_HARM_U64_L1	21528	float	V	
Voltage 64.group harmonic L2	GROUP_HARM_U64_L2	21530	float	V	
Voltage 64.group harmonic L3	GROUP_HARM_U64_L3	21532	float	V	
	NULL	21534	float	V	

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.harmonic L1	HARM_I1_L1	21536	float	A	
Current 1.harmonic L2	HARM_I1_L2	21538	float	A	
Current 1.harmonic L3	HARM_I1_L3	21540	float	A	
Current 1.harmonic L4	HARM_I1_L4	21542	float	A	
Current 2.harmonic L1	HARM_I2_L1	21544	float	A	
Current 2.harmonic L2	HARM_I2_L2	21546	float	A	
Current 2.harmonic L3	HARM_I2_L3	21548	float	A	
Current 2.harmonic L4	HARM_I2_L4	21550	float	A	
Current 3.harmonic L1	HARM_I3_L1	21552	float	A	
Current 3.harmonic L2	HARM_I3_L2	21554	float	A	
Current 3.harmonic L3	HARM_I3_L3	21556	float	A	
Current 3.harmonic L4	HARM_I3_L4	21558	float	A	
Current 4.harmonic L1	HARM_I4_L1	21560	float	A	
Current 4.harmonic L2	HARM_I4_L2	21562	float	A	
Current 4.harmonic L3	HARM_I4_L3	21564	float	A	
Current 4.harmonic L4	HARM_I4_L4	21566	float	A	
Current 5.harmonic L1	HARM_I5_L1	21568	float	A	
Current 5.harmonic L2	HARM_I5_L2	21570	float	A	
Current 5.harmonic L3	HARM_I5_L3	21572	float	A	
Current 5.harmonic L4	HARM_I5_L4	21574	float	A	
Current 6.harmonic L1	HARM_I6_L1	21576	float	A	
Current 6.harmonic L2	HARM_I6_L2	21578	float	A	
Current 6.harmonic L3	HARM_I6_L3	21580	float	A	
Current 6.harmonic L4	HARM_I6_L4	21582	float	A	
Current 7.harmonic L1	HARM_I7_L1	21584	float	A	
Current 7.harmonic L2	HARM_I7_L2	21586	float	A	
Current 7.harmonic L3	HARM_I7_L3	21588	float	A	
Current 7.harmonic L4	HARM_I7_L4	21590	float	A	
Current 8.harmonic L1	HARM_I8_L1	21592	float	A	
Current 8.harmonic L2	HARM_I8_L2	21594	float	A	
Current 8.harmonic L3	HARM_I8_L3	21596	float	A	
Current 8.harmonic L4	HARM_I8_L4	21598	float	A	
Current 9.harmonic L1	HARM_I9_L1	21600	float	A	
Current 9.harmonic L2	HARM_I9_L2	21602	float	A	
Current 9.harmonic L3	HARM_I9_L3	21604	float	A	
Current 9.harmonic L4	HARM_I9_L4	21606	float	A	
Current 10.harmonic L1	HARM_I10_L1	21608	float	A	
Current 10.harmonic L2	HARM_I10_L2	21610	float	A	
Current 10.harmonic L3	HARM_I10_L3	21612	float	A	
Current 10.harmonic L4	HARM_I10_L4	21614	float	A	
Current 11.harmonic L1	HARM_I11_L1	21616	float	A	
Current 11.harmonic L2	HARM_I11_L2	21618	float	A	
Current 11.harmonic L3	HARM_I11_L3	21620	float	A	
Current 11.harmonic L4	HARM_I11_L4	21622	float	A	
Current 12.harmonic L1	HARM_I12_L1	21624	float	A	
Current 12.harmonic L2	HARM_I12_L2	21626	float	A	
Current 12.harmonic L3	HARM_I12_L3	21628	float	A	
Current 12.harmonic L4	HARM_I12_L4	21630	float	A	
Current 13.harmonic L1	HARM_I13_L1	21632	float	A	
Current 13.harmonic L2	HARM_I13_L2	21634	float	A	
Current 13.harmonic L3	HARM_I13_L3	21636	float	A	
Current 13.harmonic L4	HARM_I13_L4	21638	float	A	
Current 14.harmonic L1	HARM_I14_L1	21640	float	A	
Current 14.harmonic L2	HARM_I14_L2	21642	float	A	
Current 14.harmonic L3	HARM_I14_L3	21644	float	A	
Current 14.harmonic L4	HARM_I14_L4	21646	float	A	
Current 15.harmonic L1	HARM_I15_L1	21648	float	A	
Current 15.harmonic L2	HARM_I15_L2	21650	float	A	
Current 15.harmonic L3	HARM_I15_L3	21652	float	A	
Current 15.harmonic L4	HARM_I15_L4	21654	float	A	
Current 16.harmonic L1	HARM_I16_L1	21656	float	A	
Current 16.harmonic L2	HARM_I16_L2	21658	float	A	
Current 16.harmonic L3	HARM_I16_L3	21660	float	A	
Current 16.harmonic L4	HARM_I16_L4	21662	float	A	
Current 17.harmonic L1	HARM_I17_L1	21664	float	A	
Current 17.harmonic L2	HARM_I17_L2	21666	float	A	
Current 17.harmonic L3	HARM_I17_L3	21668	float	A	
Current 17.harmonic L4	HARM_I17_L4	21670	float	A	
Current 18.harmonic L1	HARM_I18_L1	21672	float	A	
Current 18.harmonic L2	HARM_I18_L2	21674	float	A	

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 18.harmonic L3	HARM_I18_L3	21676	float	A	
Current 18.harmonic L4	HARM_I18_L4	21678	float	A	
Current 19.harmonic L1	HARM_I19_L1	21680	float	A	
Current 19.harmonic L2	HARM_I19_L2	21682	float	A	
Current 19.harmonic L3	HARM_I19_L3	21684	float	A	
Current 19.harmonic L4	HARM_I19_L4	21686	float	A	
Current 20.harmonic L1	HARM_I20_L1	21688	float	A	
Current 20.harmonic L2	HARM_I20_L2	21690	float	A	
Current 20.harmonic L3	HARM_I20_L3	21692	float	A	
Current 20.harmonic L4	HARM_I20_L4	21694	float	A	
Current 21.harmonic L1	HARM_I21_L1	21696	float	A	
Current 21.harmonic L2	HARM_I21_L2	21698	float	A	
Current 21.harmonic L3	HARM_I21_L3	21700	float	A	
Current 21.harmonic L4	HARM_I21_L4	21702	float	A	
Current 22.harmonic L1	HARM_I22_L1	21704	float	A	
Current 22.harmonic L2	HARM_I22_L2	21706	float	A	
Current 22.harmonic L3	HARM_I22_L3	21708	float	A	
Current 22.harmonic L4	HARM_I22_L4	21710	float	A	
Current 23.harmonic L1	HARM_I23_L1	21712	float	A	
Current 23.harmonic L2	HARM_I23_L2	21714	float	A	
Current 23.harmonic L3	HARM_I23_L3	21716	float	A	
Current 23.harmonic L4	HARM_I23_L4	21718	float	A	
Current 24.harmonic L1	HARM_I24_L1	21720	float	A	
Current 24.harmonic L2	HARM_I24_L2	21722	float	A	
Current 24.harmonic L3	HARM_I24_L3	21724	float	A	
Current 24.harmonic L4	HARM_I24_L4	21726	float	A	
Current 25.harmonic L1	HARM_I25_L1	21728	float	A	
Current 25.harmonic L2	HARM_I25_L2	21730	float	A	
Current 25.harmonic L3	HARM_I25_L3	21732	float	A	
Current 25.harmonic L4	HARM_I25_L4	21734	float	A	
Current 26.harmonic L1	HARM_I26_L1	21736	float	A	
Current 26.harmonic L2	HARM_I26_L2	21738	float	A	
Current 26.harmonic L3	HARM_I26_L3	21740	float	A	
Current 26.harmonic L4	HARM_I26_L4	21742	float	A	
Current 27.harmonic L1	HARM_I27_L1	21744	float	A	
Current 27.harmonic L2	HARM_I27_L2	21746	float	A	
Current 27.harmonic L3	HARM_I27_L3	21748	float	A	
Current 27.harmonic L4	HARM_I27_L4	21750	float	A	
Current 28.harmonic L1	HARM_I28_L1	21752	float	A	
Current 28.harmonic L2	HARM_I28_L2	21754	float	A	
Current 28.harmonic L3	HARM_I28_L3	21756	float	A	
Current 28.harmonic L4	HARM_I28_L4	21758	float	A	
Current 29.harmonic L1	HARM_I29_L1	21760	float	A	
Current 29.harmonic L2	HARM_I29_L2	21762	float	A	
Current 29.harmonic L3	HARM_I29_L3	21764	float	A	
Current 29.harmonic L4	HARM_I29_L4	21766	float	A	
Current 30.harmonic L1	HARM_I30_L1	21768	float	A	
Current 30.harmonic L2	HARM_I30_L2	21770	float	A	
Current 30.harmonic L3	HARM_I30_L3	21772	float	A	
Current 30.harmonic L4	HARM_I30_L4	21774	float	A	
Current 31.harmonic L1	HARM_I31_L1	21776	float	A	
Current 31.harmonic L2	HARM_I31_L2	21778	float	A	
Current 31.harmonic L3	HARM_I31_L3	21780	float	A	
Current 31.harmonic L4	HARM_I31_L4	21782	float	A	
Current 32.harmonic L1	HARM_I32_L1	21784	float	A	
Current 32.harmonic L2	HARM_I32_L2	21786	float	A	
Current 32.harmonic L3	HARM_I32_L3	21788	float	A	
Current 32.harmonic L4	HARM_I32_L4	21790	float	A	
Current 33.harmonic L1	HARM_I33_L1	21792	float	A	
Current 33.harmonic L2	HARM_I33_L2	21794	float	A	
Current 33.harmonic L3	HARM_I33_L3	21796	float	A	
Current 33.harmonic L4	HARM_I33_L4	21798	float	A	
Current 34.harmonic L1	HARM_I34_L1	21800	float	A	
Current 34.harmonic L2	HARM_I34_L2	21802	float	A	
Current 34.harmonic L3	HARM_I34_L3	21804	float	A	
Current 34.harmonic L4	HARM_I34_L4	21806	float	A	
Current 35.harmonic L1	HARM_I35_L1	21808	float	A	
Current 35.harmonic L2	HARM_I35_L2	21810	float	A	
Current 35.harmonic L3	HARM_I35_L3	21812	float	A	
Current 35.harmonic L4	HARM_I35_L4	21814	float	A	

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 36.harmonic L1	HARM_136_L1	21816	float	A	
Current 36.harmonic L2	HARM_136_L2	21818	float	A	
Current 36.harmonic L3	HARM_136_L3	21820	float	A	
Current 36.harmonic L4	HARM_136_L4	21822	float	A	
Current 37.harmonic L1	HARM_137_L1	21824	float	A	
Current 37.harmonic L2	HARM_137_L2	21826	float	A	
Current 37.harmonic L3	HARM_137_L3	21828	float	A	
Current 37.harmonic L4	HARM_137_L4	21830	float	A	
Current 38.harmonic L1	HARM_138_L1	21832	float	A	
Current 38.harmonic L2	HARM_138_L2	21834	float	A	
Current 38.harmonic L3	HARM_138_L3	21836	float	A	
Current 38.harmonic L4	HARM_138_L4	21838	float	A	
Current 39.harmonic L1	HARM_139_L1	21840	float	A	
Current 39.harmonic L2	HARM_139_L2	21842	float	A	
Current 39.harmonic L3	HARM_139_L3	21844	float	A	
Current 39.harmonic L4	HARM_139_L4	21846	float	A	
Current 40.harmonic L1	HARM_140_L1	21848	float	A	
Current 40.harmonic L2	HARM_140_L2	21850	float	A	
Current 40.harmonic L3	HARM_140_L3	21852	float	A	
Current 40.harmonic L4	HARM_140_L4	21854	float	A	
Current 41.harmonic L1	HARM_141_L1	21856	float	A	
Current 41.harmonic L2	HARM_141_L2	21858	float	A	
Current 41.harmonic L3	HARM_141_L3	21860	float	A	
Current 41.harmonic L4	HARM_141_L4	21862	float	A	
Current 42.harmonic L1	HARM_142_L1	21864	float	A	
Current 42.harmonic L2	HARM_142_L2	21866	float	A	
Current 42.harmonic L3	HARM_142_L3	21868	float	A	
Current 42.harmonic L4	HARM_142_L4	21870	float	A	
Current 43.harmonic L1	HARM_143_L1	21872	float	A	
Current 43.harmonic L2	HARM_143_L2	21874	float	A	
Current 43.harmonic L3	HARM_143_L3	21876	float	A	
Current 43.harmonic L4	HARM_143_L4	21878	float	A	
Current 44.harmonic L1	HARM_144_L1	21880	float	A	
Current 44.harmonic L2	HARM_144_L2	21882	float	A	
Current 44.harmonic L3	HARM_144_L3	21884	float	A	
Current 44.harmonic L4	HARM_144_L4	21886	float	A	
Current 45.harmonic L1	HARM_145_L1	21888	float	A	
Current 45.harmonic L2	HARM_145_L2	21890	float	A	
Current 45.harmonic L3	HARM_145_L3	21892	float	A	
Current 45.harmonic L4	HARM_145_L4	21894	float	A	
Current 46.harmonic L1	HARM_146_L1	21896	float	A	
Current 46.harmonic L2	HARM_146_L2	21898	float	A	
Current 46.harmonic L3	HARM_146_L3	21900	float	A	
Current 46.harmonic L4	HARM_146_L4	21902	float	A	
Current 47.harmonic L1	HARM_147_L1	21904	float	A	
Current 47.harmonic L2	HARM_147_L2	21906	float	A	
Current 47.harmonic L3	HARM_147_L3	21908	float	A	
Current 47.harmonic L4	HARM_147_L4	21910	float	A	
Current 48.harmonic L1	HARM_148_L1	21912	float	A	
Current 48.harmonic L2	HARM_148_L2	21914	float	A	
Current 48.harmonic L3	HARM_148_L3	21916	float	A	
Current 48.harmonic L4	HARM_148_L4	21918	float	A	
Current 49.harmonic L1	HARM_149_L1	21920	float	A	
Current 49.harmonic L2	HARM_149_L2	21922	float	A	
Current 49.harmonic L3	HARM_149_L3	21924	float	A	
Current 49.harmonic L4	HARM_149_L4	21926	float	A	
Current 50.harmonic L1	HARM_150_L1	21928	float	A	
Current 50.harmonic L2	HARM_150_L2	21930	float	A	
Current 50.harmonic L3	HARM_150_L3	21932	float	A	
Current 50.harmonic L4	HARM_150_L4	21934	float	A	
Current 51.harmonic L1	HARM_151_L1	21936	float	A	
Current 51.harmonic L2	HARM_151_L2	21938	float	A	
Current 51.harmonic L3	HARM_151_L3	21940	float	A	
Current 51.harmonic L4	HARM_151_L4	21942	float	A	
Current 52.harmonic L1	HARM_152_L1	21944	float	A	
Current 52.harmonic L2	HARM_152_L2	21946	float	A	
Current 52.harmonic L3	HARM_152_L3	21948	float	A	
Current 52.harmonic L4	HARM_152_L4	21950	float	A	
Current 53.harmonic L1	HARM_153_L1	21952	float	A	
Current 53.harmonic L2	HARM_153_L2	21954	float	A	

Current harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 53.harmonic L3	HARM_153_L3	21956	float	A	
Current 53.harmonic L4	HARM_153_L4	21958	float	A	
Current 54.harmonic L1	HARM_154_L1	21960	float	A	
Current 54.harmonic L2	HARM_154_L2	21962	float	A	
Current 54.harmonic L3	HARM_154_L3	21964	float	A	
Current 54.harmonic L4	HARM_154_L4	21966	float	A	
Current 55.harmonic L1	HARM_155_L1	21968	float	A	
Current 55.harmonic L2	HARM_155_L2	21970	float	A	
Current 55.harmonic L3	HARM_155_L3	21972	float	A	
Current 55.harmonic L4	HARM_155_L4	21974	float	A	
Current 56.harmonic L1	HARM_156_L1	21976	float	A	
Current 56.harmonic L2	HARM_156_L2	21978	float	A	
Current 56.harmonic L3	HARM_156_L3	21980	float	A	
Current 56.harmonic L4	HARM_156_L4	21982	float	A	
Current 57.harmonic L1	HARM_157_L1	21984	float	A	
Current 57.harmonic L2	HARM_157_L2	21986	float	A	
Current 57.harmonic L3	HARM_157_L3	21988	float	A	
Current 57.harmonic L4	HARM_157_L4	21990	float	A	
Current 58.harmonic L1	HARM_158_L1	21992	float	A	
Current 58.harmonic L2	HARM_158_L2	21994	float	A	
Current 58.harmonic L3	HARM_158_L3	21996	float	A	
Current 58.harmonic L4	HARM_158_L4	21998	float	A	
Current 59.harmonic L1	HARM_159_L1	22000	float	A	
Current 59.harmonic L2	HARM_159_L2	22002	float	A	
Current 59.harmonic L3	HARM_159_L3	22004	float	A	
Current 59.harmonic L4	HARM_159_L4	22006	float	A	
Current 60.harmonic L1	HARM_160_L1	22008	float	A	
Current 60.harmonic L2	HARM_160_L2	22010	float	A	
Current 60.harmonic L3	HARM_160_L3	22012	float	A	
Current 60.harmonic L4	HARM_160_L4	22014	float	A	
Current 61.harmonic L1	HARM_161_L1	22016	float	A	
Current 61.harmonic L2	HARM_161_L2	22018	float	A	
Current 61.harmonic L3	HARM_161_L3	22020	float	A	
Current 61.harmonic L4	HARM_161_L4	22022	float	A	
Current 62.harmonic L1	HARM_162_L1	22024	float	A	
Current 62.harmonic L2	HARM_162_L2	22026	float	A	
Current 62.harmonic L3	HARM_162_L3	22028	float	A	
Current 62.harmonic L4	HARM_162_L4	22030	float	A	
Current 63.harmonic L1	HARM_163_L1	22032	float	A	
Current 63.harmonic L2	HARM_163_L2	22034	float	A	
Current 63.harmonic L3	HARM_163_L3	22036	float	A	
Current 63.harmonic L4	HARM_163_L4	22038	float	A	
Current 64.harmonic L1	HARM_164_L1	22040	float	A	
Current 64.harmonic L2	HARM_164_L2	22042	float	A	
Current 64.harmonic L3	HARM_164_L3	22044	float	A	
Current 64.harmonic L4	HARM_164_L4	22046	float	A	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.inter-harmonic L1	INTERHARM_I1_L1	22048	float	A	
Current 1.inter-harmonic L2	INTERHARM_I1_L2	22050	float	A	
Current 1.inter-harmonic L3	INTERHARM_I1_L3	22052	float	A	
Current 1.inter-harmonic L4	INTERHARM_I1_L4	22054	float	A	
Current 2.inter-harmonic L1	INTERHARM_I2_L1	22056	float	A	
Current 2.inter-harmonic L2	INTERHARM_I2_L2	22058	float	A	
Current 2.inter-harmonic L3	INTERHARM_I2_L3	22060	float	A	
Current 2.inter-harmonic L4	INTERHARM_I2_L4	22062	float	A	
Current 3.inter-harmonic L1	INTERHARM_I3_L1	22064	float	A	
Current 3.inter-harmonic L2	INTERHARM_I3_L2	22066	float	A	
Current 3.inter-harmonic L3	INTERHARM_I3_L3	22068	float	A	
Current 3.inter-harmonic L4	INTERHARM_I3_L4	22070	float	A	
Current 4.inter-harmonic L1	INTERHARM_I4_L1	22072	float	A	
Current 4.inter-harmonic L2	INTERHARM_I4_L2	22074	float	A	
Current 4.inter-harmonic L3	INTERHARM_I4_L3	22076	float	A	
Current 4.inter-harmonic L4	INTERHARM_I4_L4	22078	float	A	
Current 5.inter-harmonic L1	INTERHARM_I5_L1	22080	float	A	
Current 5.inter-harmonic L2	INTERHARM_I5_L2	22082	float	A	
Current 5.inter-harmonic L3	INTERHARM_I5_L3	22084	float	A	
Current 5.inter-harmonic L4	INTERHARM_I5_L4	22086	float	A	
Current 6.inter-harmonic L1	INTERHARM_I6_L1	22088	float	A	
Current 6.inter-harmonic L2	INTERHARM_I6_L2	22090	float	A	
Current 6.inter-harmonic L3	INTERHARM_I6_L3	22092	float	A	
Current 6.inter-harmonic L4	INTERHARM_I6_L4	22094	float	A	
Current 7.inter-harmonic L1	INTERHARM_I7_L1	22096	float	A	
Current 7.inter-harmonic L2	INTERHARM_I7_L2	22098	float	A	
Current 7.inter-harmonic L3	INTERHARM_I7_L3	22100	float	A	
Current 7.inter-harmonic L4	INTERHARM_I7_L4	22102	float	A	
Current 8.inter-harmonic L1	INTERHARM_I8_L1	22104	float	A	
Current 8.inter-harmonic L2	INTERHARM_I8_L2	22106	float	A	
Current 8.inter-harmonic L3	INTERHARM_I8_L3	22108	float	A	
Current 8.inter-harmonic L4	INTERHARM_I8_L4	22110	float	A	
Current 9.inter-harmonic L1	INTERHARM_I9_L1	22112	float	A	
Current 9.inter-harmonic L2	INTERHARM_I9_L2	22114	float	A	
Current 9.inter-harmonic L3	INTERHARM_I9_L3	22116	float	A	
Current 9.inter-harmonic L4	INTERHARM_I9_L4	22118	float	A	
Current 10.inter-harmonic L1	INTERHARM_I10_L1	22120	float	A	
Current 10.inter-harmonic L2	INTERHARM_I10_L2	22122	float	A	
Current 10.inter-harmonic L3	INTERHARM_I10_L3	22124	float	A	
Current 10.inter-harmonic L4	INTERHARM_I10_L4	22126	float	A	
Current 11.inter-harmonic L1	INTERHARM_I11_L1	22128	float	A	
Current 11.inter-harmonic L2	INTERHARM_I11_L2	22130	float	A	
Current 11.inter-harmonic L3	INTERHARM_I11_L3	22132	float	A	
Current 11.inter-harmonic L4	INTERHARM_I11_L4	22134	float	A	
Current 12.inter-harmonic L1	INTERHARM_I12_L1	22136	float	A	
Current 12.inter-harmonic L2	INTERHARM_I12_L2	22138	float	A	
Current 12.inter-harmonic L3	INTERHARM_I12_L3	22140	float	A	
Current 12.inter-harmonic L4	INTERHARM_I12_L4	22142	float	A	
Current 13.inter-harmonic L1	INTERHARM_I13_L1	22144	float	A	
Current 13.inter-harmonic L2	INTERHARM_I13_L2	22146	float	A	
Current 13.inter-harmonic L3	INTERHARM_I13_L3	22148	float	A	
Current 13.inter-harmonic L4	INTERHARM_I13_L4	22150	float	A	
Current 14.inter-harmonic L1	INTERHARM_I14_L1	22152	float	A	
Current 14.inter-harmonic L2	INTERHARM_I14_L2	22154	float	A	
Current 14.inter-harmonic L3	INTERHARM_I14_L3	22156	float	A	
Current 14.inter-harmonic L4	INTERHARM_I14_L4	22158	float	A	
Current 15.inter-harmonic L1	INTERHARM_I15_L1	22160	float	A	
Current 15.inter-harmonic L2	INTERHARM_I15_L2	22162	float	A	
Current 15.inter-harmonic L3	INTERHARM_I15_L3	22164	float	A	
Current 15.inter-harmonic L4	INTERHARM_I15_L4	22166	float	A	
Current 16.inter-harmonic L1	INTERHARM_I16_L1	22168	float	A	
Current 16.inter-harmonic L2	INTERHARM_I16_L2	22170	float	A	
Current 16.inter-harmonic L3	INTERHARM_I16_L3	22172	float	A	
Current 16.inter-harmonic L4	INTERHARM_I16_L4	22174	float	A	
Current 17.inter-harmonic L1	INTERHARM_I17_L1	22176	float	A	
Current 17.inter-harmonic L2	INTERHARM_I17_L2	22178	float	A	
Current 17.inter-harmonic L3	INTERHARM_I17_L3	22180	float	A	
Current 17.inter-harmonic L4	INTERHARM_I17_L4	22182	float	A	
Current 18.inter-harmonic L1	INTERHARM_I18_L1	22184	float	A	
Current 18.inter-harmonic L2	INTERHARM_I18_L2	22186	float	A	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 18.inter-harmonic L3	INTERHARM_I18_L3	22188	float	A	
Current 18.inter-harmonic L4	INTERHARM_I18_L4	22190	float	A	
Current 19.inter-harmonic L1	INTERHARM_I19_L1	22192	float	A	
Current 19.inter-harmonic L2	INTERHARM_I19_L2	22194	float	A	
Current 19.inter-harmonic L3	INTERHARM_I19_L3	22196	float	A	
Current 19.inter-harmonic L4	INTERHARM_I19_L4	22198	float	A	
Current 20.inter-harmonic L1	INTERHARM_I20_L1	22200	float	A	
Current 20.inter-harmonic L2	INTERHARM_I20_L2	22202	float	A	
Current 20.inter-harmonic L3	INTERHARM_I20_L3	22204	float	A	
Current 20.inter-harmonic L4	INTERHARM_I20_L4	22206	float	A	
Current 21.inter-harmonic L1	INTERHARM_I21_L1	22208	float	A	
Current 21.inter-harmonic L2	INTERHARM_I21_L2	22210	float	A	
Current 21.inter-harmonic L3	INTERHARM_I21_L3	22212	float	A	
Current 21.inter-harmonic L4	INTERHARM_I21_L4	22214	float	A	
Current 22.inter-harmonic L1	INTERHARM_I22_L1	22216	float	A	
Current 22.inter-harmonic L2	INTERHARM_I22_L2	22218	float	A	
Current 22.inter-harmonic L3	INTERHARM_I22_L3	22220	float	A	
Current 22.inter-harmonic L4	INTERHARM_I22_L4	22222	float	A	
Current 23.inter-harmonic L1	INTERHARM_I23_L1	22224	float	A	
Current 23.inter-harmonic L2	INTERHARM_I23_L2	22226	float	A	
Current 23.inter-harmonic L3	INTERHARM_I23_L3	22228	float	A	
Current 23.inter-harmonic L4	INTERHARM_I23_L4	22230	float	A	
Current 24.inter-harmonic L1	INTERHARM_I24_L1	22232	float	A	
Current 24.inter-harmonic L2	INTERHARM_I24_L2	22234	float	A	
Current 24.inter-harmonic L3	INTERHARM_I24_L3	22236	float	A	
Current 24.inter-harmonic L4	INTERHARM_I24_L4	22238	float	A	
Current 25.inter-harmonic L1	INTERHARM_I25_L1	22240	float	A	
Current 25.inter-harmonic L2	INTERHARM_I25_L2	22242	float	A	
Current 25.inter-harmonic L3	INTERHARM_I25_L3	22244	float	A	
Current 25.inter-harmonic L4	INTERHARM_I25_L4	22246	float	A	
Current 26.inter-harmonic L1	INTERHARM_I26_L1	22248	float	A	
Current 26.inter-harmonic L2	INTERHARM_I26_L2	22250	float	A	
Current 26.inter-harmonic L3	INTERHARM_I26_L3	22252	float	A	
Current 26.inter-harmonic L4	INTERHARM_I26_L4	22254	float	A	
Current 27.inter-harmonic L1	INTERHARM_I27_L1	22256	float	A	
Current 27.inter-harmonic L2	INTERHARM_I27_L2	22258	float	A	
Current 27.inter-harmonic L3	INTERHARM_I27_L3	22260	float	A	
Current 27.inter-harmonic L4	INTERHARM_I27_L4	22262	float	A	
Current 28.inter-harmonic L1	INTERHARM_I28_L1	22264	float	A	
Current 28.inter-harmonic L2	INTERHARM_I28_L2	22266	float	A	
Current 28.inter-harmonic L3	INTERHARM_I28_L3	22268	float	A	
Current 28.inter-harmonic L4	INTERHARM_I28_L4	22270	float	A	
Current 29.inter-harmonic L1	INTERHARM_I29_L1	22272	float	A	
Current 29.inter-harmonic L2	INTERHARM_I29_L2	22274	float	A	
Current 29.inter-harmonic L3	INTERHARM_I29_L3	22276	float	A	
Current 29.inter-harmonic L4	INTERHARM_I29_L4	22278	float	A	
Current 30.inter-harmonic L1	INTERHARM_I30_L1	22280	float	A	
Current 30.inter-harmonic L2	INTERHARM_I30_L2	22282	float	A	
Current 30.inter-harmonic L3	INTERHARM_I30_L3	22284	float	A	
Current 30.inter-harmonic L4	INTERHARM_I30_L4	22286	float	A	
Current 31.inter-harmonic L1	INTERHARM_I31_L1	22288	float	A	
Current 31.inter-harmonic L2	INTERHARM_I31_L2	22290	float	A	
Current 31.inter-harmonic L3	INTERHARM_I31_L3	22292	float	A	
Current 31.inter-harmonic L4	INTERHARM_I31_L4	22294	float	A	
Current 32.inter-harmonic L1	INTERHARM_I32_L1	22296	float	A	
Current 32.inter-harmonic L2	INTERHARM_I32_L2	22298	float	A	
Current 32.inter-harmonic L3	INTERHARM_I32_L3	22300	float	A	
Current 32.inter-harmonic L4	INTERHARM_I32_L4	22302	float	A	
Current 33.inter-harmonic L1	INTERHARM_I33_L1	22304	float	A	
Current 33.inter-harmonic L2	INTERHARM_I33_L2	22306	float	A	
Current 33.inter-harmonic L3	INTERHARM_I33_L3	22308	float	A	
Current 33.inter-harmonic L4	INTERHARM_I33_L4	22310	float	A	
Current 34.inter-harmonic L1	INTERHARM_I34_L1	22312	float	A	
Current 34.inter-harmonic L2	INTERHARM_I34_L2	22314	float	A	
Current 34.inter-harmonic L3	INTERHARM_I34_L3	22316	float	A	
Current 34.inter-harmonic L4	INTERHARM_I34_L4	22318	float	A	
Current 35.inter-harmonic L1	INTERHARM_I35_L1	22320	float	A	
Current 35.inter-harmonic L2	INTERHARM_I35_L2	22322	float	A	
Current 35.inter-harmonic L3	INTERHARM_I35_L3	22324	float	A	
Current 35.inter-harmonic L4	INTERHARM_I35_L4	22326	float	A	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 36.inter-harmonic L1	INTERHARM_I36_L1	22328	float	A	
Current 36.inter-harmonic L2	INTERHARM_I36_L2	22330	float	A	
Current 36.inter-harmonic L3	INTERHARM_I36_L3	22332	float	A	
Current 36.inter-harmonic L4	INTERHARM_I36_L4	22334	float	A	
Current 37.inter-harmonic L1	INTERHARM_I37_L1	22336	float	A	
Current 37.inter-harmonic L2	INTERHARM_I37_L2	22338	float	A	
Current 37.inter-harmonic L3	INTERHARM_I37_L3	22340	float	A	
Current 37.inter-harmonic L4	INTERHARM_I37_L4	22342	float	A	
Current 38.inter-harmonic L1	INTERHARM_I38_L1	22344	float	A	
Current 38.inter-harmonic L2	INTERHARM_I38_L2	22346	float	A	
Current 38.inter-harmonic L3	INTERHARM_I38_L3	22348	float	A	
Current 38.inter-harmonic L4	INTERHARM_I38_L4	22350	float	A	
Current 39.inter-harmonic L1	INTERHARM_I39_L1	22352	float	A	
Current 39.inter-harmonic L2	INTERHARM_I39_L2	22354	float	A	
Current 39.inter-harmonic L3	INTERHARM_I39_L3	22356	float	A	
Current 39.inter-harmonic L4	INTERHARM_I39_L4	22358	float	A	
Current 40.inter-harmonic L1	INTERHARM_I40_L1	22360	float	A	
Current 40.inter-harmonic L2	INTERHARM_I40_L2	22362	float	A	
Current 40.inter-harmonic L3	INTERHARM_I40_L3	22364	float	A	
Current 40.inter-harmonic L4	INTERHARM_I40_L4	22366	float	A	
Current 41.inter-harmonic L1	INTERHARM_I41_L1	22368	float	A	
Current 41.inter-harmonic L2	INTERHARM_I41_L2	22370	float	A	
Current 41.inter-harmonic L3	INTERHARM_I41_L3	22372	float	A	
Current 41.inter-harmonic L4	INTERHARM_I41_L4	22374	float	A	
Current 42.inter-harmonic L1	INTERHARM_I42_L1	22376	float	A	
Current 42.inter-harmonic L2	INTERHARM_I42_L2	22378	float	A	
Current 42.inter-harmonic L3	INTERHARM_I42_L3	22380	float	A	
Current 42.inter-harmonic L4	INTERHARM_I42_L4	22382	float	A	
Current 43.inter-harmonic L1	INTERHARM_I43_L1	22384	float	A	
Current 43.inter-harmonic L2	INTERHARM_I43_L2	22386	float	A	
Current 43.inter-harmonic L3	INTERHARM_I43_L3	22388	float	A	
Current 43.inter-harmonic L4	INTERHARM_I43_L4	22390	float	A	
Current 44.inter-harmonic L1	INTERHARM_I44_L1	22392	float	A	
Current 44.inter-harmonic L2	INTERHARM_I44_L2	22394	float	A	
Current 44.inter-harmonic L3	INTERHARM_I44_L3	22396	float	A	
Current 44.inter-harmonic L4	INTERHARM_I44_L4	22398	float	A	
Current 45.inter-harmonic L1	INTERHARM_I45_L1	22400	float	A	
Current 45.inter-harmonic L2	INTERHARM_I45_L2	22402	float	A	
Current 45.inter-harmonic L3	INTERHARM_I45_L3	22404	float	A	
Current 45.inter-harmonic L4	INTERHARM_I45_L4	22406	float	A	
Current 46.inter-harmonic L1	INTERHARM_I46_L1	22408	float	A	
Current 46.inter-harmonic L2	INTERHARM_I46_L2	22410	float	A	
Current 46.inter-harmonic L3	INTERHARM_I46_L3	22412	float	A	
Current 46.inter-harmonic L4	INTERHARM_I46_L4	22414	float	A	
Current 47.inter-harmonic L1	INTERHARM_I47_L1	22416	float	A	
Current 47.inter-harmonic L2	INTERHARM_I47_L2	22418	float	A	
Current 47.inter-harmonic L3	INTERHARM_I47_L3	22420	float	A	
Current 47.inter-harmonic L4	INTERHARM_I47_L4	22422	float	A	
Current 48.inter-harmonic L1	INTERHARM_I48_L1	22424	float	A	
Current 48.inter-harmonic L2	INTERHARM_I48_L2	22426	float	A	
Current 48.inter-harmonic L3	INTERHARM_I48_L3	22428	float	A	
Current 48.inter-harmonic L4	INTERHARM_I48_L4	22430	float	A	
Current 49.inter-harmonic L1	INTERHARM_I49_L1	22432	float	A	
Current 49.inter-harmonic L2	INTERHARM_I49_L2	22434	float	A	
Current 49.inter-harmonic L3	INTERHARM_I49_L3	22436	float	A	
Current 49.inter-harmonic L4	INTERHARM_I49_L4	22438	float	A	
Current 50.inter-harmonic L1	INTERHARM_I50_L1	22440	float	A	
Current 50.inter-harmonic L2	INTERHARM_I50_L2	22442	float	A	
Current 50.inter-harmonic L3	INTERHARM_I50_L3	22444	float	A	
Current 50.inter-harmonic L4	INTERHARM_I50_L4	22446	float	A	
Current 51.inter-harmonic L1	INTERHARM_I51_L1	22448	float	A	
Current 51.inter-harmonic L2	INTERHARM_I51_L2	22450	float	A	
Current 51.inter-harmonic L3	INTERHARM_I51_L3	22452	float	A	
Current 51.inter-harmonic L4	INTERHARM_I51_L4	22454	float	A	
Current 52.inter-harmonic L1	INTERHARM_I52_L1	22456	float	A	
Current 52.inter-harmonic L2	INTERHARM_I52_L2	22458	float	A	
Current 52.inter-harmonic L3	INTERHARM_I52_L3	22460	float	A	
Current 52.inter-harmonic L4	INTERHARM_I52_L4	22462	float	A	
Current 53.inter-harmonic L1	INTERHARM_I53_L1	22464	float	A	
Current 53.inter-harmonic L2	INTERHARM_I53_L2	22466	float	A	

Current inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 53.inter-harmonic L3	INTERHARM_I53_L3	22468	float	A	
Current 53.inter-harmonic L4	INTERHARM_I53_L4	22470	float	A	
Current 54.inter-harmonic L1	INTERHARM_I54_L1	22472	float	A	
Current 54.inter-harmonic L2	INTERHARM_I54_L2	22474	float	A	
Current 54.inter-harmonic L3	INTERHARM_I54_L3	22476	float	A	
Current 54.inter-harmonic L4	INTERHARM_I54_L4	22478	float	A	
Current 55.inter-harmonic L1	INTERHARM_I55_L1	22480	float	A	
Current 55.inter-harmonic L2	INTERHARM_I55_L2	22482	float	A	
Current 55.inter-harmonic L3	INTERHARM_I55_L3	22484	float	A	
Current 55.inter-harmonic L4	INTERHARM_I55_L4	22486	float	A	
Current 56.inter-harmonic L1	INTERHARM_I56_L1	22488	float	A	
Current 56.inter-harmonic L2	INTERHARM_I56_L2	22490	float	A	
Current 56.inter-harmonic L3	INTERHARM_I56_L3	22492	float	A	
Current 56.inter-harmonic L4	INTERHARM_I56_L4	22494	float	A	
Current 57.inter-harmonic L1	INTERHARM_I57_L1	22496	float	A	
Current 57.inter-harmonic L2	INTERHARM_I57_L2	22498	float	A	
Current 57.inter-harmonic L3	INTERHARM_I57_L3	22500	float	A	
Current 57.inter-harmonic L4	INTERHARM_I57_L4	22502	float	A	
Current 58.inter-harmonic L1	INTERHARM_I58_L1	22504	float	A	
Current 58.inter-harmonic L2	INTERHARM_I58_L2	22506	float	A	
Current 58.inter-harmonic L3	INTERHARM_I58_L3	22508	float	A	
Current 58.inter-harmonic L4	INTERHARM_I58_L4	22510	float	A	
Current 59.inter-harmonic L1	INTERHARM_I59_L1	22512	float	A	
Current 59.inter-harmonic L2	INTERHARM_I59_L2	22514	float	A	
Current 59.inter-harmonic L3	INTERHARM_I59_L3	22516	float	A	
Current 59.inter-harmonic L4	INTERHARM_I59_L4	22518	float	A	
Current 60.inter-harmonic L1	INTERHARM_I60_L1	22520	float	A	
Current 60.inter-harmonic L2	INTERHARM_I60_L2	22522	float	A	
Current 60.inter-harmonic L3	INTERHARM_I60_L3	22524	float	A	
Current 60.inter-harmonic L4	INTERHARM_I60_L4	22526	float	A	
Current 61.inter-harmonic L1	INTERHARM_I61_L1	22528	float	A	
Current 61.inter-harmonic L2	INTERHARM_I61_L2	22530	float	A	
Current 61.inter-harmonic L3	INTERHARM_I61_L3	22532	float	A	
Current 61.inter-harmonic L4	INTERHARM_I61_L4	22534	float	A	
Current 62.inter-harmonic L1	INTERHARM_I62_L1	22536	float	A	
Current 62.inter-harmonic L2	INTERHARM_I62_L2	22538	float	A	
Current 62.inter-harmonic L3	INTERHARM_I62_L3	22540	float	A	
Current 62.inter-harmonic L4	INTERHARM_I62_L4	22542	float	A	
Current 63.inter-harmonic L1	INTERHARM_I63_L1	22544	float	A	
Current 63.inter-harmonic L2	INTERHARM_I63_L2	22546	float	A	
Current 63.inter-harmonic L3	INTERHARM_I63_L3	22548	float	A	
Current 63.inter-harmonic L4	INTERHARM_I63_L4	22550	float	A	
Current 64.inter-harmonic L1	INTERHARM_I64_L1	22552	float	A	
Current 64.inter-harmonic L2	INTERHARM_I64_L2	22554	float	A	
Current 64.inter-harmonic L3	INTERHARM_I64_L3	22556	float	A	
Current 64.inter-harmonic L4	INTERHARM_I64_L4	22558	float	A	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 1.group harmonic L1	GROUP_HARM_I1_L1	22560	float	A	
Current 1.group harmonic L2	GROUP_HARM_I1_L2	22562	float	A	
Current 1.group harmonic L3	GROUP_HARM_I1_L3	22564	float	A	
Current 1.group harmonic L4	GROUP_HARM_I1_L4	22566	float	A	
Current 2.group harmonic L1	GROUP_HARM_I2_L1	22568	float	A	
Current 2.group harmonic L2	GROUP_HARM_I2_L2	22570	float	A	
Current 2.group harmonic L3	GROUP_HARM_I2_L3	22572	float	A	
Current 2.group harmonic L4	GROUP_HARM_I2_L4	22574	float	A	
Current 3.group harmonic L1	GROUP_HARM_I3_L1	22576	float	A	
Current 3.group harmonic L2	GROUP_HARM_I3_L2	22578	float	A	
Current 3.group harmonic L3	GROUP_HARM_I3_L3	22580	float	A	
Current 3.group harmonic L4	GROUP_HARM_I3_L4	22582	float	A	
Current 4.group harmonic L1	GROUP_HARM_I4_L1	22584	float	A	
Current 4.group harmonic L2	GROUP_HARM_I4_L2	22586	float	A	
Current 4.group harmonic L3	GROUP_HARM_I4_L3	22588	float	A	
Current 4.group harmonic L4	GROUP_HARM_I4_L4	22590	float	A	
Current 5.group harmonic L1	GROUP_HARM_I5_L1	22592	float	A	
Current 5.group harmonic L2	GROUP_HARM_I5_L2	22594	float	A	
Current 5.group harmonic L3	GROUP_HARM_I5_L3	22596	float	A	
Current 5.group harmonic L4	GROUP_HARM_I5_L4	22598	float	A	
Current 6.group harmonic L1	GROUP_HARM_I6_L1	22600	float	A	
Current 6.group harmonic L2	GROUP_HARM_I6_L2	22602	float	A	
Current 6.group harmonic L3	GROUP_HARM_I6_L3	22604	float	A	
Current 6.group harmonic L4	GROUP_HARM_I6_L4	22606	float	A	
Current 7.group harmonic L1	GROUP_HARM_I7_L1	22608	float	A	
Current 7.group harmonic L2	GROUP_HARM_I7_L2	22610	float	A	
Current 7.group harmonic L3	GROUP_HARM_I7_L3	22612	float	A	
Current 7.group harmonic L4	GROUP_HARM_I7_L4	22614	float	A	
Current 8.group harmonic L1	GROUP_HARM_I8_L1	22616	float	A	
Current 8.group harmonic L2	GROUP_HARM_I8_L2	22618	float	A	
Current 8.group harmonic L3	GROUP_HARM_I8_L3	22620	float	A	
Current 8.group harmonic L4	GROUP_HARM_I8_L4	22622	float	A	
Current 9.group harmonic L1	GROUP_HARM_I9_L1	22624	float	A	
Current 9.group harmonic L2	GROUP_HARM_I9_L2	22626	float	A	
Current 9.group harmonic L3	GROUP_HARM_I9_L3	22628	float	A	
Current 9.group harmonic L4	GROUP_HARM_I9_L4	22630	float	A	
Current 10.group harmonic L1	GROUP_HARM_I10_L1	22632	float	A	
Current 10.group harmonic L2	GROUP_HARM_I10_L2	22634	float	A	
Current 10.group harmonic L3	GROUP_HARM_I10_L3	22636	float	A	
Current 10.group harmonic L4	GROUP_HARM_I10_L4	22638	float	A	
Current 11.group harmonic L1	GROUP_HARM_I11_L1	22640	float	A	
Current 11.group harmonic L2	GROUP_HARM_I11_L2	22642	float	A	
Current 11.group harmonic L3	GROUP_HARM_I11_L3	22644	float	A	
Current 11.group harmonic L4	GROUP_HARM_I11_L4	22646	float	A	
Current 12.group harmonic L1	GROUP_HARM_I12_L1	22648	float	A	
Current 12.group harmonic L2	GROUP_HARM_I12_L2	22650	float	A	
Current 12.group harmonic L3	GROUP_HARM_I12_L3	22652	float	A	
Current 12.group harmonic L4	GROUP_HARM_I12_L4	22654	float	A	
Current 13.group harmonic L1	GROUP_HARM_I13_L1	22656	float	A	
Current 13.group harmonic L2	GROUP_HARM_I13_L2	22658	float	A	
Current 13.group harmonic L3	GROUP_HARM_I13_L3	22660	float	A	
Current 13.group harmonic L4	GROUP_HARM_I13_L4	22662	float	A	
Current 14.group harmonic L1	GROUP_HARM_I14_L1	22664	float	A	
Current 14.group harmonic L2	GROUP_HARM_I14_L2	22666	float	A	
Current 14.group harmonic L3	GROUP_HARM_I14_L3	22668	float	A	
Current 14.group harmonic L4	GROUP_HARM_I14_L4	22670	float	A	
Current 15.group harmonic L1	GROUP_HARM_I15_L1	22672	float	A	
Current 15.group harmonic L2	GROUP_HARM_I15_L2	22674	float	A	
Current 15.group harmonic L3	GROUP_HARM_I15_L3	22676	float	A	
Current 15.group harmonic L4	GROUP_HARM_I15_L4	22678	float	A	
Current 16.group harmonic L1	GROUP_HARM_I16_L1	22680	float	A	
Current 16.group harmonic L2	GROUP_HARM_I16_L2	22682	float	A	
Current 16.group harmonic L3	GROUP_HARM_I16_L3	22684	float	A	
Current 16.group harmonic L4	GROUP_HARM_I16_L4	22686	float	A	
Current 17.group harmonic L1	GROUP_HARM_I17_L1	22688	float	A	
Current 17.group harmonic L2	GROUP_HARM_I17_L2	22690	float	A	
Current 17.group harmonic L3	GROUP_HARM_I17_L3	22692	float	A	
Current 17.group harmonic L4	GROUP_HARM_I17_L4	22694	float	A	
Current 18.group harmonic L1	GROUP_HARM_I18_L1	22696	float	A	
Current 18.group harmonic L2	GROUP_HARM_I18_L2	22698	float	A	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 18.group harmonic L3	GROUP_HARM_I18_L3	22700	float	A	
Current 18.group harmonic L4	GROUP_HARM_I18_L4	22702	float	A	
Current 19.group harmonic L1	GROUP_HARM_I19_L1	22704	float	A	
Current 19.group harmonic L2	GROUP_HARM_I19_L2	22706	float	A	
Current 19.group harmonic L3	GROUP_HARM_I19_L3	22708	float	A	
Current 19.group harmonic L4	GROUP_HARM_I19_L4	22710	float	A	
Current 20.group harmonic L1	GROUP_HARM_I20_L1	22712	float	A	
Current 20.group harmonic L2	GROUP_HARM_I20_L2	22714	float	A	
Current 20.group harmonic L3	GROUP_HARM_I20_L3	22716	float	A	
Current 20.group harmonic L4	GROUP_HARM_I20_L4	22718	float	A	
Current 21.group harmonic L1	GROUP_HARM_I21_L1	22720	float	A	
Current 21.group harmonic L2	GROUP_HARM_I21_L2	22722	float	A	
Current 21.group harmonic L3	GROUP_HARM_I21_L3	22724	float	A	
Current 21.group harmonic L4	GROUP_HARM_I21_L4	22726	float	A	
Current 22.group harmonic L1	GROUP_HARM_I22_L1	22728	float	A	
Current 22.group harmonic L2	GROUP_HARM_I22_L2	22730	float	A	
Current 22.group harmonic L3	GROUP_HARM_I22_L3	22732	float	A	
Current 22.group harmonic L4	GROUP_HARM_I22_L4	22734	float	A	
Current 23.group harmonic L1	GROUP_HARM_I23_L1	22736	float	A	
Current 23.group harmonic L2	GROUP_HARM_I23_L2	22738	float	A	
Current 23.group harmonic L3	GROUP_HARM_I23_L3	22740	float	A	
Current 23.group harmonic L4	GROUP_HARM_I23_L4	22742	float	A	
Current 24.group harmonic L1	GROUP_HARM_I24_L1	22744	float	A	
Current 24.group harmonic L2	GROUP_HARM_I24_L2	22746	float	A	
Current 24.group harmonic L3	GROUP_HARM_I24_L3	22748	float	A	
Current 24.group harmonic L4	GROUP_HARM_I24_L4	22750	float	A	
Current 25.group harmonic L1	GROUP_HARM_I25_L1	22752	float	A	
Current 25.group harmonic L2	GROUP_HARM_I25_L2	22754	float	A	
Current 25.group harmonic L3	GROUP_HARM_I25_L3	22756	float	A	
Current 25.group harmonic L4	GROUP_HARM_I25_L4	22758	float	A	
Current 26.group harmonic L1	GROUP_HARM_I26_L1	22760	float	A	
Current 26.group harmonic L2	GROUP_HARM_I26_L2	22762	float	A	
Current 26.group harmonic L3	GROUP_HARM_I26_L3	22764	float	A	
Current 26.group harmonic L4	GROUP_HARM_I26_L4	22766	float	A	
Current 27.group harmonic L1	GROUP_HARM_I27_L1	22768	float	A	
Current 27.group harmonic L2	GROUP_HARM_I27_L2	22770	float	A	
Current 27.group harmonic L3	GROUP_HARM_I27_L3	22772	float	A	
Current 27.group harmonic L4	GROUP_HARM_I27_L4	22774	float	A	
Current 28.group harmonic L1	GROUP_HARM_I28_L1	22776	float	A	
Current 28.group harmonic L2	GROUP_HARM_I28_L2	22778	float	A	
Current 28.group harmonic L3	GROUP_HARM_I28_L3	22780	float	A	
Current 28.group harmonic L4	GROUP_HARM_I28_L4	22782	float	A	
Current 29.group harmonic L1	GROUP_HARM_I29_L1	22784	float	A	
Current 29.group harmonic L2	GROUP_HARM_I29_L2	22786	float	A	
Current 29.group harmonic L3	GROUP_HARM_I29_L3	22788	float	A	
Current 29.group harmonic L4	GROUP_HARM_I29_L4	22790	float	A	
Current 30.group harmonic L1	GROUP_HARM_I30_L1	22792	float	A	
Current 30.group harmonic L2	GROUP_HARM_I30_L2	22794	float	A	
Current 30.group harmonic L3	GROUP_HARM_I30_L3	22796	float	A	
Current 30.group harmonic L4	GROUP_HARM_I30_L4	22798	float	A	
Current 31.group harmonic L1	GROUP_HARM_I31_L1	22800	float	A	
Current 31.group harmonic L2	GROUP_HARM_I31_L2	22802	float	A	
Current 31.group harmonic L3	GROUP_HARM_I31_L3	22804	float	A	
Current 31.group harmonic L4	GROUP_HARM_I31_L4	22806	float	A	
Current 32.group harmonic L1	GROUP_HARM_I32_L1	22808	float	A	
Current 32.group harmonic L2	GROUP_HARM_I32_L2	22810	float	A	
Current 32.group harmonic L3	GROUP_HARM_I32_L3	22812	float	A	
Current 32.group harmonic L4	GROUP_HARM_I32_L4	22814	float	A	
Current 33.group harmonic L1	GROUP_HARM_I33_L1	22816	float	A	
Current 33.group harmonic L2	GROUP_HARM_I33_L2	22818	float	A	
Current 33.group harmonic L3	GROUP_HARM_I33_L3	22820	float	A	
Current 33.group harmonic L4	GROUP_HARM_I33_L4	22822	float	A	
Current 34.group harmonic L1	GROUP_HARM_I34_L1	22824	float	A	
Current 34.group harmonic L2	GROUP_HARM_I34_L2	22826	float	A	
Current 34.group harmonic L3	GROUP_HARM_I34_L3	22828	float	A	
Current 34.group harmonic L4	GROUP_HARM_I34_L4	22830	float	A	
Current 35.group harmonic L1	GROUP_HARM_I35_L1	22832	float	A	
Current 35.group harmonic L2	GROUP_HARM_I35_L2	22834	float	A	
Current 35.group harmonic L3	GROUP_HARM_I35_L3	22836	float	A	
Current 35.group harmonic L4	GROUP_HARM_I35_L4	22838	float	A	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 36.group harmonic L1	GROUP_HARM_I36_L1	22840	float	A	
Current 36.group harmonic L2	GROUP_HARM_I36_L2	22842	float	A	
Current 36.group harmonic L3	GROUP_HARM_I36_L3	22844	float	A	
Current 36.group harmonic L4	GROUP_HARM_I36_L4	22846	float	A	
Current 37.group harmonic L1	GROUP_HARM_I37_L1	22848	float	A	
Current 37.group harmonic L2	GROUP_HARM_I37_L2	22850	float	A	
Current 37.group harmonic L3	GROUP_HARM_I37_L3	22852	float	A	
Current 37.group harmonic L4	GROUP_HARM_I37_L4	22854	float	A	
Current 38.group harmonic L1	GROUP_HARM_I38_L1	22856	float	A	
Current 38.group harmonic L2	GROUP_HARM_I38_L2	22858	float	A	
Current 38.group harmonic L3	GROUP_HARM_I38_L3	22860	float	A	
Current 38.group harmonic L4	GROUP_HARM_I38_L4	22862	float	A	
Current 39.group harmonic L1	GROUP_HARM_I39_L1	22864	float	A	
Current 39.group harmonic L2	GROUP_HARM_I39_L2	22866	float	A	
Current 39.group harmonic L3	GROUP_HARM_I39_L3	22868	float	A	
Current 39.group harmonic L4	GROUP_HARM_I39_L4	22870	float	A	
Current 40.group harmonic L1	GROUP_HARM_I40_L1	22872	float	A	
Current 40.group harmonic L2	GROUP_HARM_I40_L2	22874	float	A	
Current 40.group harmonic L3	GROUP_HARM_I40_L3	22876	float	A	
Current 40.group harmonic L4	GROUP_HARM_I40_L4	22878	float	A	
Current 41.group harmonic L1	GROUP_HARM_I41_L1	22880	float	A	
Current 41.group harmonic L2	GROUP_HARM_I41_L2	22882	float	A	
Current 41.group harmonic L3	GROUP_HARM_I41_L3	22884	float	A	
Current 41.group harmonic L4	GROUP_HARM_I41_L4	22886	float	A	
Current 42.group harmonic L1	GROUP_HARM_I42_L1	22888	float	A	
Current 42.group harmonic L2	GROUP_HARM_I42_L2	22890	float	A	
Current 42.group harmonic L3	GROUP_HARM_I42_L3	22892	float	A	
Current 42.group harmonic L4	GROUP_HARM_I42_L4	22894	float	A	
Current 43.group harmonic L1	GROUP_HARM_I43_L1	22896	float	A	
Current 43.group harmonic L2	GROUP_HARM_I43_L2	22898	float	A	
Current 43.group harmonic L3	GROUP_HARM_I43_L3	22900	float	A	
Current 43.group harmonic L4	GROUP_HARM_I43_L4	22902	float	A	
Current 44.group harmonic L1	GROUP_HARM_I44_L1	22904	float	A	
Current 44.group harmonic L2	GROUP_HARM_I44_L2	22906	float	A	
Current 44.group harmonic L3	GROUP_HARM_I44_L3	22908	float	A	
Current 44.group harmonic L4	GROUP_HARM_I44_L4	22910	float	A	
Current 45.group harmonic L1	GROUP_HARM_I45_L1	22912	float	A	
Current 45.group harmonic L2	GROUP_HARM_I45_L2	22914	float	A	
Current 45.group harmonic L3	GROUP_HARM_I45_L3	22916	float	A	
Current 45.group harmonic L4	GROUP_HARM_I45_L4	22918	float	A	
Current 46.group harmonic L1	GROUP_HARM_I46_L1	22920	float	A	
Current 46.group harmonic L2	GROUP_HARM_I46_L2	22922	float	A	
Current 46.group harmonic L3	GROUP_HARM_I46_L3	22924	float	A	
Current 46.group harmonic L4	GROUP_HARM_I46_L4	22926	float	A	
Current 47.group harmonic L1	GROUP_HARM_I47_L1	22928	float	A	
Current 47.group harmonic L2	GROUP_HARM_I47_L2	22930	float	A	
Current 47.group harmonic L3	GROUP_HARM_I47_L3	22932	float	A	
Current 47.group harmonic L4	GROUP_HARM_I47_L4	22934	float	A	
Current 48.group harmonic L1	GROUP_HARM_I48_L1	22936	float	A	
Current 48.group harmonic L2	GROUP_HARM_I48_L2	22938	float	A	
Current 48.group harmonic L3	GROUP_HARM_I48_L3	22940	float	A	
Current 48.group harmonic L4	GROUP_HARM_I48_L4	22942	float	A	
Current 49.group harmonic L1	GROUP_HARM_I49_L1	22944	float	A	
Current 49.group harmonic L2	GROUP_HARM_I49_L2	22946	float	A	
Current 49.group harmonic L3	GROUP_HARM_I49_L3	22948	float	A	
Current 49.group harmonic L4	GROUP_HARM_I49_L4	22950	float	A	
Current 50.group harmonic L1	GROUP_HARM_I50_L1	22952	float	A	
Current 50.group harmonic L2	GROUP_HARM_I50_L2	22954	float	A	
Current 50.group harmonic L3	GROUP_HARM_I50_L3	22956	float	A	
Current 50.group harmonic L4	GROUP_HARM_I50_L4	22958	float	A	
Current 51.group harmonic L1	GROUP_HARM_I51_L1	22960	float	A	
Current 51.group harmonic L2	GROUP_HARM_I51_L2	22962	float	A	
Current 51.group harmonic L3	GROUP_HARM_I51_L3	22964	float	A	
Current 51.group harmonic L4	GROUP_HARM_I51_L4	22966	float	A	
Current 52.group harmonic L1	GROUP_HARM_I52_L1	22968	float	A	
Current 52.group harmonic L2	GROUP_HARM_I52_L2	22970	float	A	
Current 52.group harmonic L3	GROUP_HARM_I52_L3	22972	float	A	
Current 52.group harmonic L4	GROUP_HARM_I52_L4	22974	float	A	
Current 53.group harmonic L1	GROUP_HARM_I53_L1	22976	float	A	
Current 53.group harmonic L2	GROUP_HARM_I53_L2	22978	float	A	

Current group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Current 53.group harmonic L3	GROUP_HARM_I53_L3	22980	float	A	
Current 53.group harmonic L4	GROUP_HARM_I53_L4	22982	float	A	
Current 54.group harmonic L1	GROUP_HARM_I54_L1	22984	float	A	
Current 54.group harmonic L2	GROUP_HARM_I54_L2	22986	float	A	
Current 54.group harmonic L3	GROUP_HARM_I54_L3	22988	float	A	
Current 54.group harmonic L4	GROUP_HARM_I54_L4	22990	float	A	
Current 55.group harmonic L1	GROUP_HARM_I55_L1	22992	float	A	
Current 55.group harmonic L2	GROUP_HARM_I55_L2	22994	float	A	
Current 55.group harmonic L3	GROUP_HARM_I55_L3	22996	float	A	
Current 55.group harmonic L4	GROUP_HARM_I55_L4	22998	float	A	
Current 56.group harmonic L1	GROUP_HARM_I56_L1	23000	float	A	
Current 56.group harmonic L2	GROUP_HARM_I56_L2	23002	float	A	
Current 56.group harmonic L3	GROUP_HARM_I56_L3	23004	float	A	
Current 56.group harmonic L4	GROUP_HARM_I56_L4	23006	float	A	
Current 57.group harmonic L1	GROUP_HARM_I57_L1	23008	float	A	
Current 57.group harmonic L2	GROUP_HARM_I57_L2	23010	float	A	
Current 57.group harmonic L3	GROUP_HARM_I57_L3	23012	float	A	
Current 57.group harmonic L4	GROUP_HARM_I57_L4	23014	float	A	
Current 58.group harmonic L1	GROUP_HARM_I58_L1	23016	float	A	
Current 58.group harmonic L2	GROUP_HARM_I58_L2	23018	float	A	
Current 58.group harmonic L3	GROUP_HARM_I58_L3	23020	float	A	
Current 58.group harmonic L4	GROUP_HARM_I58_L4	23022	float	A	
Current 59.group harmonic L1	GROUP_HARM_I59_L1	23024	float	A	
Current 59.group harmonic L2	GROUP_HARM_I59_L2	23026	float	A	
Current 59.group harmonic L3	GROUP_HARM_I59_L3	23028	float	A	
Current 59.group harmonic L4	GROUP_HARM_I59_L4	23030	float	A	
Current 60.group harmonic L1	GROUP_HARM_I60_L1	23032	float	A	
Current 60.group harmonic L2	GROUP_HARM_I60_L2	23034	float	A	
Current 60.group harmonic L3	GROUP_HARM_I60_L3	23036	float	A	
Current 60.group harmonic L4	GROUP_HARM_I60_L4	23038	float	A	
Current 61.group harmonic L1	GROUP_HARM_I61_L1	23040	float	A	
Current 61.group harmonic L2	GROUP_HARM_I61_L2	23042	float	A	
Current 61.group harmonic L3	GROUP_HARM_I61_L3	23044	float	A	
Current 61.group harmonic L4	GROUP_HARM_I61_L4	23046	float	A	
Current 62.group harmonic L1	GROUP_HARM_I62_L1	23048	float	A	
Current 62.group harmonic L2	GROUP_HARM_I62_L2	23050	float	A	
Current 62.group harmonic L3	GROUP_HARM_I62_L3	23052	float	A	
Current 62.group harmonic L4	GROUP_HARM_I62_L4	23054	float	A	
Current 63.group harmonic L1	GROUP_HARM_I63_L1	23056	float	A	
Current 63.group harmonic L2	GROUP_HARM_I63_L2	23058	float	A	
Current 63.group harmonic L3	GROUP_HARM_I63_L3	23060	float	A	
Current 63.group harmonic L4	GROUP_HARM_I63_L4	23062	float	A	
Current 64.group harmonic L1	GROUP_HARM_I64_L1	23064	float	A	
Current 64.group harmonic L2	GROUP_HARM_I64_L2	23066	float	A	
Current 64.group harmonic L3	GROUP_HARM_I64_L3	23068	float	A	
Current 64.group harmonic L4	GROUP_HARM_I64_L4	23070	float	A	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 1.harmonic L1	HARM_P1_L1	23072	float	W	
Active power 1.harmonic L2	HARM_P1_L2	23074	float	W	
Active power 1.harmonic L3	HARM_P1_L3	23076	float	W	
	NULL	23078	float	W	
Active power 2.harmonic L1	HARM_P2_L1	23080	float	W	
Active power 2.harmonic L2	HARM_P2_L2	23082	float	W	
Active power 2.harmonic L3	HARM_P2_L3	23084	float	W	
	NULL	23086	float	W	
Active power 3.harmonic L1	HARM_P3_L1	23088	float	W	
Active power 3.harmonic L2	HARM_P3_L2	23090	float	W	
Active power 3.harmonic L3	HARM_P3_L3	23092	float	W	
	NULL	23094	float	W	
Active power 4.harmonic L1	HARM_P4_L1	23096	float	W	
Active power 4.harmonic L2	HARM_P4_L2	23098	float	W	
Active power 4.harmonic L3	HARM_P4_L3	23100	float	W	
	NULL	23102	float	W	
Active power 5.harmonic L1	HARM_P5_L1	23104	float	W	
Active power 5.harmonic L2	HARM_P5_L2	23106	float	W	
Active power 5.harmonic L3	HARM_P5_L3	23108	float	W	
	NULL	23110	float	W	
Active power 6.harmonic L1	HARM_P6_L1	23112	float	W	
Active power 6.harmonic L2	HARM_P6_L2	23114	float	W	
Active power 6.harmonic L3	HARM_P6_L3	23116	float	W	
	NULL	23118	float	W	
Active power 7.harmonic L1	HARM_P7_L1	23120	float	W	
Active power 7.harmonic L2	HARM_P7_L2	23122	float	W	
Active power 7.harmonic L3	HARM_P7_L3	23124	float	W	
	NULL	23126	float	W	
Active power 8.harmonic L1	HARM_P8_L1	23128	float	W	
Active power 8.harmonic L2	HARM_P8_L2	23130	float	W	
Active power 8.harmonic L3	HARM_P8_L3	23132	float	W	
	NULL	23134	float	W	
Active power 9.harmonic L1	HARM_P9_L1	23136	float	W	
Active power 9.harmonic L2	HARM_P9_L2	23138	float	W	
Active power 9.harmonic L3	HARM_P9_L3	23140	float	W	
	NULL	23142	float	W	
Active power 10.harmonic L1	HARM_P10_L1	23144	float	W	
Active power 10.harmonic L2	HARM_P10_L2	23146	float	W	
Active power 10.harmonic L3	HARM_P10_L3	23148	float	W	
	NULL	23150	float	W	
Active power 11.harmonic L1	HARM_P11_L1	23152	float	W	
Active power 11.harmonic L2	HARM_P11_L2	23154	float	W	
Active power 11.harmonic L3	HARM_P11_L3	23156	float	W	
	NULL	23158	float	W	
Active power 12.harmonic L1	HARM_P12_L1	23160	float	W	
Active power 12.harmonic L2	HARM_P12_L2	23162	float	W	
Active power 12.harmonic L3	HARM_P12_L3	23164	float	W	
	NULL	23166	float	W	
Active power 13.harmonic L1	HARM_P13_L1	23168	float	W	
Active power 13.harmonic L2	HARM_P13_L2	23170	float	W	
Active power 13.harmonic L3	HARM_P13_L3	23172	float	W	
	NULL	23174	float	W	
Active power 14.harmonic L1	HARM_P14_L1	23176	float	W	
Active power 14.harmonic L2	HARM_P14_L2	23178	float	W	
Active power 14.harmonic L3	HARM_P14_L3	23180	float	W	
	NULL	23182	float	W	
Active power 15.harmonic L1	HARM_P15_L1	23184	float	W	
Active power 15.harmonic L2	HARM_P15_L2	23186	float	W	
Active power 15.harmonic L3	HARM_P15_L3	23188	float	W	
	NULL	23190	float	W	
Active power 16.harmonic L1	HARM_P16_L1	23192	float	W	
Active power 16.harmonic L2	HARM_P16_L2	23194	float	W	
Active power 16.harmonic L3	HARM_P16_L3	23196	float	W	
	NULL	23198	float	W	
Active power 17.harmonic L1	HARM_P17_L1	23200	float	W	
Active power 17.harmonic L2	HARM_P17_L2	23202	float	W	
Active power 17.harmonic L3	HARM_P17_L3	23204	float	W	
	NULL	23206	float	W	
Active power 18.harmonic L1	HARM_P18_L1	23208	float	W	
Active power 18.harmonic L2	HARM_P18_L2	23210	float	W	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 18.harmonic L3	HARM_P18_L3	23212	float	W	
	NULL	23214	float	W	
Active power 19.harmonic L1	HARM_P19_L1	23216	float	W	
Active power 19.harmonic L2	HARM_P19_L2	23218	float	W	
Active power 19.harmonic L3	HARM_P19_L3	23220	float	W	
	NULL	23222	float	W	
Active power 20.harmonic L1	HARM_P20_L1	23224	float	W	
Active power 20.harmonic L2	HARM_P20_L2	23226	float	W	
Active power 20.harmonic L3	HARM_P20_L3	23228	float	W	
	NULL	23230	float	W	
Active power 21.harmonic L1	HARM_P21_L1	23232	float	W	
Active power 21.harmonic L2	HARM_P21_L2	23234	float	W	
Active power 21.harmonic L3	HARM_P21_L3	23236	float	W	
	NULL	23238	float	W	
Active power 22.harmonic L1	HARM_P22_L1	23240	float	W	
Active power 22.harmonic L2	HARM_P22_L2	23242	float	W	
Active power 22.harmonic L3	HARM_P22_L3	23244	float	W	
	NULL	23246	float	W	
Active power 23.harmonic L1	HARM_P23_L1	23248	float	W	
Active power 23.harmonic L2	HARM_P23_L2	23250	float	W	
Active power 23.harmonic L3	HARM_P23_L3	23252	float	W	
	NULL	23254	float	W	
Active power 24.harmonic L1	HARM_P24_L1	23256	float	W	
Active power 24.harmonic L2	HARM_P24_L2	23258	float	W	
Active power 24.harmonic L3	HARM_P24_L3	23260	float	W	
	NULL	23262	float	W	
Active power 25.harmonic L1	HARM_P25_L1	23264	float	W	
Active power 25.harmonic L2	HARM_P25_L2	23266	float	W	
Active power 25.harmonic L3	HARM_P25_L3	23268	float	W	
	NULL	23270	float	W	
Active power 26.harmonic L1	HARM_P26_L1	23272	float	W	
Active power 26.harmonic L2	HARM_P26_L2	23274	float	W	
Active power 26.harmonic L3	HARM_P26_L3	23276	float	W	
	NULL	23278	float	W	
Active power 27.harmonic L1	HARM_P27_L1	23280	float	W	
Active power 27.harmonic L2	HARM_P27_L2	23282	float	W	
Active power 27.harmonic L3	HARM_P27_L3	23284	float	W	
	NULL	23286	float	W	
Active power 28.harmonic L1	HARM_P28_L1	23288	float	W	
Active power 28.harmonic L2	HARM_P28_L2	23290	float	W	
Active power 28.harmonic L3	HARM_P28_L3	23292	float	W	
	NULL	23294	float	W	
Active power 29.harmonic L1	HARM_P29_L1	23296	float	W	
Active power 29.harmonic L2	HARM_P29_L2	23298	float	W	
Active power 29.harmonic L3	HARM_P29_L3	23300	float	W	
	NULL	23302	float	W	
Active power 30.harmonic L1	HARM_P30_L1	23304	float	W	
Active power 30.harmonic L2	HARM_P30_L2	23306	float	W	
Active power 30.harmonic L3	HARM_P30_L3	23308	float	W	
	NULL	23310	float	W	
Active power 31.harmonic L1	HARM_P31_L1	23312	float	W	
Active power 31.harmonic L2	HARM_P31_L2	23314	float	W	
Active power 31.harmonic L3	HARM_P31_L3	23316	float	W	
	NULL	23318	float	W	
Active power 32.harmonic L1	HARM_P32_L1	23320	float	W	
Active power 32.harmonic L2	HARM_P32_L2	23322	float	W	
Active power 32.harmonic L3	HARM_P32_L3	23324	float	W	
	NULL	23326	float	W	
Active power 33.harmonic L1	HARM_P33_L1	23328	float	W	
Active power 33.harmonic L2	HARM_P33_L2	23330	float	W	
Active power 33.harmonic L3	HARM_P33_L3	23332	float	W	
	NULL	23334	float	W	
Active power 34.harmonic L1	HARM_P34_L1	23336	float	W	
Active power 34.harmonic L2	HARM_P34_L2	23338	float	W	
Active power 34.harmonic L3	HARM_P34_L3	23340	float	W	
	NULL	23342	float	W	
Active power 35.harmonic L1	HARM_P35_L1	23344	float	W	
Active power 35.harmonic L2	HARM_P35_L2	23346	float	W	
Active power 35.harmonic L3	HARM_P35_L3	23348	float	W	
	NULL	23350	float	W	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 36.harmonic L1	HARM_P36_L1	23352	float	W	
Active power 36.harmonic L2	HARM_P36_L2	23354	float	W	
Active power 36.harmonic L3	HARM_P36_L3	23356	float	W	
	NULL	23358	float	W	
Active power 37.harmonic L1	HARM_P37_L1	23360	float	W	
Active power 37.harmonic L2	HARM_P37_L2	23362	float	W	
Active power 37.harmonic L3	HARM_P37_L3	23364	float	W	
	NULL	23366	float	W	
Active power 38.harmonic L1	HARM_P38_L1	23368	float	W	
Active power 38.harmonic L2	HARM_P38_L2	23370	float	W	
Active power 38.harmonic L3	HARM_P38_L3	23372	float	W	
	NULL	23374	float	W	
Active power 39.harmonic L1	HARM_P39_L1	23376	float	W	
Active power 39.harmonic L2	HARM_P39_L2	23378	float	W	
Active power 39.harmonic L3	HARM_P39_L3	23380	float	W	
	NULL	23382	float	W	
Active power 40.harmonic L1	HARM_P40_L1	23384	float	W	
Active power 40.harmonic L2	HARM_P40_L2	23386	float	W	
Active power 40.harmonic L3	HARM_P40_L3	23388	float	W	
	NULL	23390	float	W	
Active power 41.harmonic L1	HARM_P41_L1	23392	float	W	
Active power 41.harmonic L2	HARM_P41_L2	23394	float	W	
Active power 41.harmonic L3	HARM_P41_L3	23396	float	W	
	NULL	23398	float	W	
Active power 42.harmonic L1	HARM_P42_L1	23400	float	W	
Active power 42.harmonic L2	HARM_P42_L2	23402	float	W	
Active power 42.harmonic L3	HARM_P42_L3	23404	float	W	
	NULL	23406	float	W	
Active power 43.harmonic L1	HARM_P43_L1	23408	float	W	
Active power 43.harmonic L2	HARM_P43_L2	23410	float	W	
Active power 43.harmonic L3	HARM_P43_L3	23412	float	W	
	NULL	23414	float	W	
Active power 44.harmonic L1	HARM_P44_L1	23416	float	W	
Active power 44.harmonic L2	HARM_P44_L2	23418	float	W	
Active power 44.harmonic L3	HARM_P44_L3	23420	float	W	
	NULL	23422	float	W	
Active power 45.harmonic L1	HARM_P45_L1	23424	float	W	
Active power 45.harmonic L2	HARM_P45_L2	23426	float	W	
Active power 45.harmonic L3	HARM_P45_L3	23428	float	W	
	NULL	23430	float	W	
Active power 46.harmonic L1	HARM_P46_L1	23432	float	W	
Active power 46.harmonic L2	HARM_P46_L2	23434	float	W	
Active power 46.harmonic L3	HARM_P46_L3	23436	float	W	
	NULL	23438	float	W	
Active power 47.harmonic L1	HARM_P47_L1	23440	float	W	
Active power 47.harmonic L2	HARM_P47_L2	23442	float	W	
Active power 47.harmonic L3	HARM_P47_L3	23444	float	W	
	NULL	23446	float	W	
Active power 48.harmonic L1	HARM_P48_L1	23448	float	W	
Active power 48.harmonic L2	HARM_P48_L2	23450	float	W	
Active power 48.harmonic L3	HARM_P48_L3	23452	float	W	
	NULL	23454	float	W	
Active power 49.harmonic L1	HARM_P49_L1	23456	float	W	
Active power 49.harmonic L2	HARM_P49_L2	23458	float	W	
Active power 49.harmonic L3	HARM_P49_L3	23460	float	W	
	NULL	23462	float	W	
Active power 50.harmonic L1	HARM_P50_L1	23464	float	W	
Active power 50.harmonic L2	HARM_P50_L2	23466	float	W	
Active power 50.harmonic L3	HARM_P50_L3	23468	float	W	
	NULL	23470	float	W	
Active power 51.harmonic L1	HARM_P51_L1	23472	float	W	
Active power 51.harmonic L2	HARM_P51_L2	23474	float	W	
Active power 51.harmonic L3	HARM_P51_L3	23476	float	W	
	NULL	23478	float	W	
Active power 52.harmonic L1	HARM_P52_L1	23480	float	W	
Active power 52.harmonic L2	HARM_P52_L2	23482	float	W	
Active power 52.harmonic L3	HARM_P52_L3	23484	float	W	
	NULL	23486	float	W	
Active power 53.harmonic L1	HARM_P53_L1	23488	float	W	
Active power 53.harmonic L2	HARM_P53_L2	23490	float	W	

Active power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Active power 53.harmonic L3	HARM_P53_L3	23492	float	W	
	NULL	23494	float	W	
Active power 54.harmonic L1	HARM_P54_L1	23496	float	W	
Active power 54.harmonic L2	HARM_P54_L2	23498	float	W	
Active power 54.harmonic L3	HARM_P54_L3	23500	float	W	
	NULL	23502	float	W	
Active power 55.harmonic L1	HARM_P55_L1	23504	float	W	
Active power 55.harmonic L2	HARM_P55_L2	23506	float	W	
Active power 55.harmonic L3	HARM_P55_L3	23508	float	W	
	NULL	23510	float	W	
Active power 56.harmonic L1	HARM_P56_L1	23512	float	W	
Active power 56.harmonic L2	HARM_P56_L2	23514	float	W	
Active power 56.harmonic L3	HARM_P56_L3	23516	float	W	
	NULL	23518	float	W	
Active power 57.harmonic L1	HARM_P57_L1	23520	float	W	
Active power 57.harmonic L2	HARM_P57_L2	23522	float	W	
Active power 57.harmonic L3	HARM_P57_L3	23524	float	W	
	NULL	23526	float	W	
Active power 58.harmonic L1	HARM_P58_L1	23528	float	W	
Active power 58.harmonic L2	HARM_P58_L2	23530	float	W	
Active power 58.harmonic L3	HARM_P58_L3	23532	float	W	
	NULL	23534	float	W	
Active power 59.harmonic L1	HARM_P59_L1	23536	float	W	
Active power 59.harmonic L2	HARM_P59_L2	23538	float	W	
Active power 59.harmonic L3	HARM_P59_L3	23540	float	W	
	NULL	23542	float	W	
Active power 60.harmonic L1	HARM_P60_L1	23544	float	W	
Active power 60.harmonic L2	HARM_P60_L2	23546	float	W	
Active power 60.harmonic L3	HARM_P60_L3	23548	float	W	
	NULL	23550	float	W	
Active power 61.harmonic L1	HARM_P61_L1	23552	float	W	
Active power 61.harmonic L2	HARM_P61_L2	23554	float	W	
Active power 61.harmonic L3	HARM_P61_L3	23556	float	W	
	NULL	23558	float	W	
Active power 62.harmonic L1	HARM_P62_L1	23560	float	W	
Active power 62.harmonic L2	HARM_P62_L2	23562	float	W	
Active power 62.harmonic L3	HARM_P62_L3	23564	float	W	
	NULL	23566	float	W	
Active power 63.harmonic L1	HARM_P63_L1	23568	float	W	
Active power 63.harmonic L2	HARM_P63_L2	23570	float	W	
Active power 63.harmonic L3	HARM_P63_L3	23572	float	W	
	NULL	23574	float	W	
Active power 64.harmonic L1	HARM_P64_L1	23576	float	W	
Active power 64.harmonic L2	HARM_P64_L2	23578	float	W	
Active power 64.harmonic L3	HARM_P64_L3	23580	float	W	
	NULL	23582	float	W	

Reactive power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Reactive power 1.harmonic L1	HARM_Q1_L1	23584	float	var	
Reactive power 1.harmonic L2	HARM_Q1_L2	23586	float	var	
Reactive power 1.harmonic L3	HARM_Q1_L3	23588	float	var	
	NULL	23590	float	var	
Reactive power 2.harmonic L1	HARM_Q2_L1	23592	float	var	
Reactive power 2.harmonic L2	HARM_Q2_L2	23594	float	var	
Reactive power 2.harmonic L3	HARM_Q2_L3	23596	float	var	
	NULL	23598	float	var	
Reactive power 3.harmonic L1	HARM_Q3_L1	23600	float	var	
Reactive power 3.harmonic L2	HARM_Q3_L2	23602	float	var	
Reactive power 3.harmonic L3	HARM_Q3_L3	23604	float	var	
	NULL	23606	float	var	
Reactive power 4.harmonic L1	HARM_Q4_L1	23608	float	var	
Reactive power 4.harmonic L2	HARM_Q4_L2	23610	float	var	
Reactive power 4.harmonic L3	HARM_Q4_L3	23612	float	var	
	NULL	23614	float	var	
Reactive power 5.harmonic L1	HARM_Q5_L1	23616	float	var	
Reactive power 5.harmonic L2	HARM_Q5_L2	23618	float	var	
Reactive power 5.harmonic L3	HARM_Q5_L3	23620	float	var	
	NULL	23622	float	var	
Reactive power 6.harmonic L1	HARM_Q6_L1	23624	float	var	
Reactive power 6.harmonic L2	HARM_Q6_L2	23626	float	var	
Reactive power 6.harmonic L3	HARM_Q6_L3	23628	float	var	
	NULL	23630	float	var	
Reactive power 7.harmonic L1	HARM_Q7_L1	23632	float	var	
Reactive power 7.harmonic L2	HARM_Q7_L2	23634	float	var	
Reactive power 7.harmonic L3	HARM_Q7_L3	23636	float	var	
	NULL	23638	float	var	
Reactive power 8.harmonic L1	HARM_Q8_L1	23640	float	var	
Reactive power 8.harmonic L2	HARM_Q8_L2	23642	float	var	
Reactive power 8.harmonic L3	HARM_Q8_L3	23644	float	var	
	NULL	23646	float	var	
Reactive power 9.harmonic L1	HARM_Q9_L1	23648	float	var	
Reactive power 9.harmonic L2	HARM_Q9_L2	23650	float	var	
Reactive power 9.harmonic L3	HARM_Q9_L3	23652	float	var	
	NULL	23654	float	var	
Reactive power 10.harmonic L1	HARM_Q10_L1	23656	float	var	
Reactive power 10.harmonic L2	HARM_Q10_L2	23658	float	var	
Reactive power 10.harmonic L3	HARM_Q10_L3	23660	float	var	
	NULL	23662	float	var	
Reactive power 11.harmonic L1	HARM_Q11_L1	23664	float	var	
Reactive power 11.harmonic L2	HARM_Q11_L2	23666	float	var	
Reactive power 11.harmonic L3	HARM_Q11_L3	23668	float	var	
	NULL	23670	float	var	
Reactive power 12.harmonic L1	HARM_Q12_L1	23672	float	var	
Reactive power 12.harmonic L2	HARM_Q12_L2	23674	float	var	
Reactive power 12.harmonic L3	HARM_Q12_L3	23676	float	var	
	NULL	23678	float	var	
Reactive power 13.harmonic L1	HARM_Q13_L1	23680	float	var	
Reactive power 13.harmonic L2	HARM_Q13_L2	23682	float	var	
Reactive power 13.harmonic L3	HARM_Q13_L3	23684	float	var	
	NULL	23686	float	var	
Reactive power 14.harmonic L1	HARM_Q14_L1	23688	float	var	
Reactive power 14.harmonic L2	HARM_Q14_L2	23690	float	var	
Reactive power 14.harmonic L3	HARM_Q14_L3	23692	float	var	
	NULL	23694	float	var	
Reactive power 15.harmonic L1	HARM_Q15_L1	23696	float	var	
Reactive power 15.harmonic L2	HARM_Q15_L2	23698	float	var	
Reactive power 15.harmonic L3	HARM_Q15_L3	23700	float	var	
	NULL	23702	float	var	
Reactive power 16.harmonic L1	HARM_Q16_L1	23704	float	var	
Reactive power 16.harmonic L2	HARM_Q16_L2	23706	float	var	
Reactive power 16.harmonic L3	HARM_Q16_L3	23708	float	var	
	NULL	23710	float	var	
Reactive power 17.harmonic L1	HARM_Q17_L1	23712	float	var	
Reactive power 17.harmonic L2	HARM_Q17_L2	23714	float	var	
Reactive power 17.harmonic L3	HARM_Q17_L3	23716	float	var	
	NULL	23718	float	var	
Reactive power 18.harmonic L1	HARM_Q18_L1	23720	float	var	
Reactive power 18.harmonic L2	HARM_Q18_L2	23722	float	var	

Reactive power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Reactive power 18.harmonic L3	HARM_Q18_L3	23724	float	var	
	NULL	23726	float	var	
Reactive power 19.harmonic L1	HARM_Q19_L1	23728	float	var	
Reactive power 19.harmonic L2	HARM_Q19_L2	23730	float	var	
Reactive power 19.harmonic L3	HARM_Q19_L3	23732	float	var	
	NULL	23734	float	var	
Reactive power 20.harmonic L1	HARM_Q20_L1	23736	float	var	
Reactive power 20.harmonic L2	HARM_Q20_L2	23738	float	var	
Reactive power 20.harmonic L3	HARM_Q20_L3	23740	float	var	
	NULL	23742	float	var	
Reactive power 21.harmonic L1	HARM_Q21_L1	23744	float	var	
Reactive power 21.harmonic L2	HARM_Q21_L2	23746	float	var	
Reactive power 21.harmonic L3	HARM_Q21_L3	23748	float	var	
	NULL	23750	float	var	
Reactive power 22.harmonic L1	HARM_Q22_L1	23752	float	var	
Reactive power 22.harmonic L2	HARM_Q22_L2	23754	float	var	
Reactive power 22.harmonic L3	HARM_Q22_L3	23756	float	var	
	NULL	23758	float	var	
Reactive power 23.harmonic L1	HARM_Q23_L1	23760	float	var	
Reactive power 23.harmonic L2	HARM_Q23_L2	23762	float	var	
Reactive power 23.harmonic L3	HARM_Q23_L3	23764	float	var	
	NULL	23766	float	var	
Reactive power 24.harmonic L1	HARM_Q24_L1	23768	float	var	
Reactive power 24.harmonic L2	HARM_Q24_L2	23770	float	var	
Reactive power 24.harmonic L3	HARM_Q24_L3	23772	float	var	
	NULL	23774	float	var	
Reactive power 25.harmonic L1	HARM_Q25_L1	23776	float	var	
Reactive power 25.harmonic L2	HARM_Q25_L2	23778	float	var	
Reactive power 25.harmonic L3	HARM_Q25_L3	23780	float	var	
	NULL	23782	float	var	
Reactive power 26.harmonic L1	HARM_Q26_L1	23784	float	var	
Reactive power 26.harmonic L2	HARM_Q26_L2	23786	float	var	
Reactive power 26.harmonic L3	HARM_Q26_L3	23788	float	var	
	NULL	23790	float	var	
Reactive power 27.harmonic L1	HARM_Q27_L1	23792	float	var	
Reactive power 27.harmonic L2	HARM_Q27_L2	23794	float	var	
Reactive power 27.harmonic L3	HARM_Q27_L3	23796	float	var	
	NULL	23798	float	var	
Reactive power 28.harmonic L1	HARM_Q28_L1	23800	float	var	
Reactive power 28.harmonic L2	HARM_Q28_L2	23802	float	var	
Reactive power 28.harmonic L3	HARM_Q28_L3	23804	float	var	
	NULL	23806	float	var	
Reactive power 29.harmonic L1	HARM_Q29_L1	23808	float	var	
Reactive power 29.harmonic L2	HARM_Q29_L2	23810	float	var	
Reactive power 29.harmonic L3	HARM_Q29_L3	23812	float	var	
	NULL	23814	float	var	
Reactive power 30.harmonic L1	HARM_Q30_L1	23816	float	var	
Reactive power 30.harmonic L2	HARM_Q30_L2	23818	float	var	
Reactive power 30.harmonic L3	HARM_Q30_L3	23820	float	var	
	NULL	23822	float	var	
Reactive power 31.harmonic L1	HARM_Q31_L1	23824	float	var	
Reactive power 31.harmonic L2	HARM_Q31_L2	23826	float	var	
Reactive power 31.harmonic L3	HARM_Q31_L3	23828	float	var	
	NULL	23830	float	var	
Reactive power 32.harmonic L1	HARM_Q32_L1	23832	float	var	
Reactive power 32.harmonic L2	HARM_Q32_L2	23834	float	var	
Reactive power 32.harmonic L3	HARM_Q32_L3	23836	float	var	
	NULL	23838	float	var	
Reactive power 33.harmonic L1	HARM_Q33_L1	23840	float	var	
Reactive power 33.harmonic L2	HARM_Q33_L2	23842	float	var	
Reactive power 33.harmonic L3	HARM_Q33_L3	23844	float	var	
	NULL	23846	float	var	
Reactive power 34.harmonic L1	HARM_Q34_L1	23848	float	var	
Reactive power 34.harmonic L2	HARM_Q34_L2	23850	float	var	
Reactive power 34.harmonic L3	HARM_Q34_L3	23852	float	var	
	NULL	23854	float	var	
Reactive power 35.harmonic L1	HARM_Q35_L1	23856	float	var	
Reactive power 35.harmonic L2	HARM_Q35_L2	23858	float	var	
Reactive power 35.harmonic L3	HARM_Q35_L3	23860	float	var	
	NULL	23862	float	var	

Reactive power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Reactive power 36.harmonic L1	HARM_Q36_L1	23864	float	var	
Reactive power 36.harmonic L2	HARM_Q36_L2	23866	float	var	
Reactive power 36.harmonic L3	HARM_Q36_L3	23868	float	var	
	NULL	23870	float	var	
Reactive power 37.harmonic L1	HARM_Q37_L1	23872	float	var	
Reactive power 37.harmonic L2	HARM_Q37_L2	23874	float	var	
Reactive power 37.harmonic L3	HARM_Q37_L3	23876	float	var	
	NULL	23878	float	var	
Reactive power 38.harmonic L1	HARM_Q38_L1	23880	float	var	
Reactive power 38.harmonic L2	HARM_Q38_L2	23882	float	var	
Reactive power 38.harmonic L3	HARM_Q38_L3	23884	float	var	
	NULL	23886	float	var	
Reactive power 39.harmonic L1	HARM_Q39_L1	23888	float	var	
Reactive power 39.harmonic L2	HARM_Q39_L2	23890	float	var	
Reactive power 39.harmonic L3	HARM_Q39_L3	23892	float	var	
	NULL	23894	float	var	
Reactive power 40.harmonic L1	HARM_Q40_L1	23896	float	var	
Reactive power 40.harmonic L2	HARM_Q40_L2	23898	float	var	
Reactive power 40.harmonic L3	HARM_Q40_L3	23900	float	var	
	NULL	23902	float	var	
Reactive power 41.harmonic L1	HARM_Q41_L1	23904	float	var	
Reactive power 41.harmonic L2	HARM_Q41_L2	23906	float	var	
Reactive power 41.harmonic L3	HARM_Q41_L3	23908	float	var	
	NULL	23910	float	var	
Reactive power 42.harmonic L1	HARM_Q42_L1	23912	float	var	
Reactive power 42.harmonic L2	HARM_Q42_L2	23914	float	var	
Reactive power 42.harmonic L3	HARM_Q42_L3	23916	float	var	
	NULL	23918	float	var	
Reactive power 43.harmonic L1	HARM_Q43_L1	23920	float	var	
Reactive power 43.harmonic L2	HARM_Q43_L2	23922	float	var	
Reactive power 43.harmonic L3	HARM_Q43_L3	23924	float	var	
	NULL	23926	float	var	
Reactive power 44.harmonic L1	HARM_Q44_L1	23928	float	var	
Reactive power 44.harmonic L2	HARM_Q44_L2	23930	float	var	
Reactive power 44.harmonic L3	HARM_Q44_L3	23932	float	var	
	NULL	23934	float	var	
Reactive power 45.harmonic L1	HARM_Q45_L1	23936	float	var	
Reactive power 45.harmonic L2	HARM_Q45_L2	23938	float	var	
Reactive power 45.harmonic L3	HARM_Q45_L3	23940	float	var	
	NULL	23942	float	var	
Reactive power 46.harmonic L1	HARM_Q46_L1	23944	float	var	
Reactive power 46.harmonic L2	HARM_Q46_L2	23946	float	var	
Reactive power 46.harmonic L3	HARM_Q46_L3	23948	float	var	
	NULL	23950	float	var	
Reactive power 47.harmonic L1	HARM_Q47_L1	23952	float	var	
Reactive power 47.harmonic L2	HARM_Q47_L2	23954	float	var	
Reactive power 47.harmonic L3	HARM_Q47_L3	23956	float	var	
	NULL	23958	float	var	
Reactive power 48.harmonic L1	HARM_Q48_L1	23960	float	var	
Reactive power 48.harmonic L2	HARM_Q48_L2	23962	float	var	
Reactive power 48.harmonic L3	HARM_Q48_L3	23964	float	var	
	NULL	23966	float	var	
Reactive power 49.harmonic L1	HARM_Q49_L1	23968	float	var	
Reactive power 49.harmonic L2	HARM_Q49_L2	23970	float	var	
Reactive power 49.harmonic L3	HARM_Q49_L3	23972	float	var	
	NULL	23974	float	var	
Reactive power 50.harmonic L1	HARM_Q50_L1	23976	float	var	
Reactive power 50.harmonic L2	HARM_Q50_L2	23978	float	var	
Reactive power 50.harmonic L3	HARM_Q50_L3	23980	float	var	
	NULL	23982	float	var	
Reactive power 51.harmonic L1	HARM_Q51_L1	23984	float	var	
Reactive power 51.harmonic L2	HARM_Q51_L2	23986	float	var	
Reactive power 51.harmonic L3	HARM_Q51_L3	23988	float	var	
	NULL	23990	float	var	
Reactive power 52.harmonic L1	HARM_Q52_L1	23992	float	var	
Reactive power 52.harmonic L2	HARM_Q52_L2	23994	float	var	
Reactive power 52.harmonic L3	HARM_Q52_L3	23996	float	var	
	NULL	23998	float	var	
Reactive power 53.harmonic L1	HARM_Q53_L1	24000	float	var	
Reactive power 53.harmonic L2	HARM_Q53_L2	24002	float	var	

Reactive power harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Reactive power 53.harmonic L3	HARM_Q53_L3	24004	float	var	
	NULL	24006	float	var	
Reactive power 54.harmonic L1	HARM_Q54_L1	24008	float	var	
Reactive power 54.harmonic L2	HARM_Q54_L2	24010	float	var	
Reactive power 54.harmonic L3	HARM_Q54_L3	24012	float	var	
	NULL	24014	float	var	
Reactive power 55.harmonic L1	HARM_Q55_L1	24016	float	var	
Reactive power 55.harmonic L2	HARM_Q55_L2	24018	float	var	
Reactive power 55.harmonic L3	HARM_Q55_L3	24020	float	var	
	NULL	24022	float	var	
Reactive power 56.harmonic L1	HARM_Q56_L1	24024	float	var	
Reactive power 56.harmonic L2	HARM_Q56_L2	24026	float	var	
Reactive power 56.harmonic L3	HARM_Q56_L3	24028	float	var	
	NULL	24030	float	var	
Reactive power 57.harmonic L1	HARM_Q57_L1	24032	float	var	
Reactive power 57.harmonic L2	HARM_Q57_L2	24034	float	var	
Reactive power 57.harmonic L3	HARM_Q57_L3	24036	float	var	
	NULL	24038	float	var	
Reactive power 58.harmonic L1	HARM_Q58_L1	24040	float	var	
Reactive power 58.harmonic L2	HARM_Q58_L2	24042	float	var	
Reactive power 58.harmonic L3	HARM_Q58_L3	24044	float	var	
	NULL	24046	float	var	
Reactive power 59.harmonic L1	HARM_Q59_L1	24048	float	var	
Reactive power 59.harmonic L2	HARM_Q59_L2	24050	float	var	
Reactive power 59.harmonic L3	HARM_Q59_L3	24052	float	var	
	NULL	24054	float	var	
Reactive power 60.harmonic L1	HARM_Q60_L1	24056	float	var	
Reactive power 60.harmonic L2	HARM_Q60_L2	24058	float	var	
Reactive power 60.harmonic L3	HARM_Q60_L3	24060	float	var	
	NULL	24062	float	var	
Reactive power 61.harmonic L1	HARM_Q61_L1	24064	float	var	
Reactive power 61.harmonic L2	HARM_Q61_L2	24066	float	var	
Reactive power 61.harmonic L3	HARM_Q61_L3	24068	float	var	
	NULL	24070	float	var	
Reactive power 62.harmonic L1	HARM_Q62_L1	24072	float	var	
Reactive power 62.harmonic L2	HARM_Q62_L2	24074	float	var	
Reactive power 62.harmonic L3	HARM_Q62_L3	24076	float	var	
	NULL	24078	float	var	
Reactive power 63.harmonic L1	HARM_Q63_L1	24080	float	var	
Reactive power 63.harmonic L2	HARM_Q63_L2	24082	float	var	
Reactive power 63.harmonic L3	HARM_Q63_L3	24084	float	var	
	NULL	24086	float	var	
Reactive power 64.harmonic L1	HARM_Q64_L1	24088	float	var	
Reactive power 64.harmonic L2	HARM_Q64_L2	24090	float	var	
Reactive power 64.harmonic L3	HARM_Q64_L3	24092	float	var	
	NULL	24094	float	var	

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.harmonic L1 – L2	HARM_U1_L1_L2	24096	float	V	
Voltage 1.harmonic L2 – L3	HARM_U1_L2_L3	24098	float	V	
Voltage 1.harmonic L3 – L1	HARM_U1_L3_L1	24100	float	V	
	NULL	24102	float		
Voltage 2.harmonic L1 – L2	HARM_U2_L1_L2	24104	float	V	
Voltage 2.harmonic L2 – L3	HARM_U2_L2_L3	24106	float	V	
Voltage 2.harmonic L3 – L1	HARM_U2_L3_L1	24108	float	V	
	NULL	24110	float		
Voltage 3.harmonic L1 – L2	HARM_U3_L1_L2	24112	float	V	
Voltage 3.harmonic L2 – L3	HARM_U3_L2_L3	24114	float	V	
Voltage 3.harmonic L3 – L1	HARM_U3_L3_L1	24116	float	V	
	NULL	24118	float		
Voltage 4.harmonic L1 – L2	HARM_U4_L1_L2	24120	float	V	
Voltage 4.harmonic L2 – L3	HARM_U4_L2_L3	24122	float	V	
Voltage 4.harmonic L3 – L1	HARM_U4_L3_L1	24124	float	V	
	NULL	24126	float		
Voltage 5.harmonic L1 – L2	HARM_U5_L1_L2	24128	float	V	
Voltage 5.harmonic L2 – L3	HARM_U5_L2_L3	24130	float	V	
Voltage 5.harmonic L3 – L1	HARM_U5_L3_L1	24132	float	V	
	NULL	24134	float		
Voltage 6.harmonic L1 – L2	HARM_U6_L1_L2	24136	float	V	
Voltage 6.harmonic L2 – L3	HARM_U6_L2_L3	24138	float	V	
Voltage 6.harmonic L3 – L1	HARM_U6_L3_L1	24140	float	V	
	NULL	24142	float		
Voltage 7.harmonic L1 – L2	HARM_U7_L1_L2	24144	float	V	
Voltage 7.harmonic L2 – L3	HARM_U7_L2_L3	24146	float	V	
Voltage 7.harmonic L3 – L1	HARM_U7_L3_L1	24148	float	V	
	NULL	24150	float		
Voltage 8.harmonic L1 – L2	HARM_U8_L1_L2	24152	float	V	
Voltage 8.harmonic L2 – L3	HARM_U8_L2_L3	24154	float	V	
Voltage 8.harmonic L3 – L1	HARM_U8_L3_L1	24156	float	V	
	NULL	24158	float		
Voltage 9.harmonic L1 – L2	HARM_U9_L1_L2	24160	float	V	
Voltage 9.harmonic L2 – L3	HARM_U9_L2_L3	24162	float	V	
Voltage 9.harmonic L3 – L1	HARM_U9_L3_L1	24164	float	V	
	NULL	24166	float		
Voltage 10.harmonic L1 – L2	HARM_U10_L1_L2	24168	float	V	
Voltage 10.harmonic L2 – L3	HARM_U10_L2_L3	24170	float	V	
Voltage 10.harmonic L3 – L1	HARM_U10_L3_L1	24172	float	V	
	NULL	24174	float		
Voltage 11.harmonic L1 – L2	HARM_U11_L1_L2	24176	float	V	
Voltage 11.harmonic L2 – L3	HARM_U11_L2_L3	24178	float	V	
Voltage 11.harmonic L3 – L1	HARM_U11_L3_L1	24180	float	V	
	NULL	24182	float		
Voltage 12.harmonic L1 – L2	HARM_U12_L1_L2	24184	float	V	
Voltage 12.harmonic L2 – L3	HARM_U12_L2_L3	24186	float	V	
Voltage 12.harmonic L3 – L1	HARM_U12_L3_L1	24188	float	V	
	NULL	24190	float		
Voltage 13.harmonic L1 – L2	HARM_U13_L1_L2	24192	float	V	
Voltage 13.harmonic L2 – L3	HARM_U13_L2_L3	24194	float	V	
Voltage 13.harmonic L3 – L1	HARM_U13_L3_L1	24196	float	V	
	NULL	24198	float		
Voltage 14.harmonic L1 – L2	HARM_U14_L1_L2	24200	float	V	
Voltage 14.harmonic L2 – L3	HARM_U14_L2_L3	24202	float	V	
Voltage 14.harmonic L3 – L1	HARM_U14_L3_L1	24204	float	V	
	NULL	24206	float		
Voltage 15.harmonic L1 – L2	HARM_U15_L1_L2	24208	float	V	
Voltage 15.harmonic L2 – L3	HARM_U15_L2_L3	24210	float	V	
Voltage 15.harmonic L3 – L1	HARM_U15_L3_L1	24212	float	V	
	NULL	24214	float		
Voltage 16.harmonic L1 – L2	HARM_U16_L1_L2	24216	float	V	
Voltage 16.harmonic L2 – L3	HARM_U16_L2_L3	24218	float	V	
Voltage 16.harmonic L3 – L1	HARM_U16_L3_L1	24220	float	V	
	NULL	24222	float		
Voltage 17.harmonic L1 – L2	HARM_U17_L1_L2	24224	float	V	
Voltage 17.harmonic L2 – L3	HARM_U17_L2_L3	24226	float	V	
Voltage 17.harmonic L3 – L1	HARM_U17_L3_L1	24228	float	V	
	NULL	24230	float		
Voltage 18.harmonic L1 – L2	HARM_U18_L1_L2	24232	float	V	
Voltage 18.harmonic L2 – L3	HARM_U18_L2_L3	24234	float	V	

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.harmonic L3 – L1	HARM_U18_L3_L1	24236	float	V	
	NULL	24238	float		
Voltage 19.harmonic L1 – L2	HARM_U19_L1_L2	24240	float	V	
Voltage 19.harmonic L2 – L3	HARM_U19_L2_L3	24242	float	V	
Voltage 19.harmonic L3 – L1	HARM_U19_L3_L1	24244	float	V	
	NULL	24246	float		
Voltage 20.harmonic L1 – L2	HARM_U20_L1_L2	24248	float	V	
Voltage 20.harmonic L2 – L3	HARM_U20_L2_L3	24250	float	V	
Voltage 20.harmonic L3 – L1	HARM_U20_L3_L1	24252	float	V	
	NULL	24254	float		
Voltage 21.harmonic L1 – L2	HARM_U21_L1_L2	24256	float	V	
Voltage 21.harmonic L2 – L3	HARM_U21_L2_L3	24258	float	V	
Voltage 21.harmonic L3 – L1	HARM_U21_L3_L1	24260	float	V	
	NULL	24262	float		
Voltage 22.harmonic L1 – L2	HARM_U22_L1_L2	24264	float	V	
Voltage 22.harmonic L2 – L3	HARM_U22_L2_L3	24266	float	V	
Voltage 22.harmonic L3 – L1	HARM_U22_L3_L1	24268	float	V	
	NULL	24270	float		
Voltage 23.harmonic L1 – L2	HARM_U23_L1_L2	24272	float	V	
Voltage 23.harmonic L2 – L3	HARM_U23_L2_L3	24274	float	V	
Voltage 23.harmonic L3 – L1	HARM_U23_L3_L1	24276	float	V	
	NULL	24278	float		
Voltage 24.harmonic L1 – L2	HARM_U24_L1_L2	24280	float	V	
Voltage 24.harmonic L2 – L3	HARM_U24_L2_L3	24282	float	V	
Voltage 24.harmonic L3 – L1	HARM_U24_L3_L1	24284	float	V	
	NULL	24286	float		
Voltage 25.harmonic L1 – L2	HARM_U25_L1_L2	24288	float	V	
Voltage 25.harmonic L2 – L3	HARM_U25_L2_L3	24290	float	V	
Voltage 25.harmonic L3 – L1	HARM_U25_L3_L1	24292	float	V	
	NULL	24294	float		
Voltage 26.harmonic L1 – L2	HARM_U26_L1_L2	24296	float	V	
Voltage 26.harmonic L2 – L3	HARM_U26_L2_L3	24298	float	V	
Voltage 26.harmonic L3 – L1	HARM_U26_L3_L1	24300	float	V	
	NULL	24302	float		
Voltage 27.harmonic L1 – L2	HARM_U27_L1_L2	24304	float	V	
Voltage 27.harmonic L2 – L3	HARM_U27_L2_L3	24306	float	V	
Voltage 27.harmonic L3 – L1	HARM_U27_L3_L1	24308	float	V	
	NULL	24310	float		
Voltage 28.harmonic L1 – L2	HARM_U28_L1_L2	24312	float	V	
Voltage 28.harmonic L2 – L3	HARM_U28_L2_L3	24314	float	V	
Voltage 28.harmonic L3 – L1	HARM_U28_L3_L1	24316	float	V	
	NULL	24318	float		
Voltage 29.harmonic L1 – L2	HARM_U29_L1_L2	24320	float	V	
Voltage 29.harmonic L2 – L3	HARM_U29_L2_L3	24322	float	V	
Voltage 29.harmonic L3 – L1	HARM_U29_L3_L1	24324	float	V	
	NULL	24326	float		
Voltage 30.harmonic L1 – L2	HARM_U30_L1_L2	24328	float	V	
Voltage 30.harmonic L2 – L3	HARM_U30_L2_L3	24330	float	V	
Voltage 30.harmonic L3 – L1	HARM_U30_L3_L1	24332	float	V	
	NULL	24334	float		
Voltage 31.harmonic L1 – L2	HARM_U31_L1_L2	24336	float	V	
Voltage 31.harmonic L2 – L3	HARM_U31_L2_L3	24338	float	V	
Voltage 31.harmonic L3 – L1	HARM_U31_L3_L1	24340	float	V	
	NULL	24342	float		
Voltage 32.harmonic L1 – L2	HARM_U32_L1_L2	24344	float	V	
Voltage 32.harmonic L2 – L3	HARM_U32_L2_L3	24346	float	V	
Voltage 32.harmonic L3 – L1	HARM_U32_L3_L1	24348	float	V	
	NULL	24350	float		
Voltage 33.harmonic L1 – L2	HARM_U33_L1_L2	24352	float	V	
Voltage 33.harmonic L2 – L3	HARM_U33_L2_L3	24354	float	V	
Voltage 33.harmonic L3 – L1	HARM_U33_L3_L1	24356	float	V	
	NULL	24358	float		
Voltage 34.harmonic L1 – L2	HARM_U34_L1_L2	24360	float	V	
Voltage 34.harmonic L2 – L3	HARM_U34_L2_L3	24362	float	V	
Voltage 34.harmonic L3 – L1	HARM_U34_L3_L1	24364	float	V	
	NULL	24366	float		
Voltage 35.harmonic L1 – L2	HARM_U35_L1_L2	24368	float	V	
Voltage 35.harmonic L2 – L3	HARM_U35_L2_L3	24370	float	V	
Voltage 35.harmonic L3 – L1	HARM_U35_L3_L1	24372	float	V	
	NULL	24374	float		

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.harmonic L1 – L2	HARM_U36_L1_L2	24376	float	V	
Voltage 36.harmonic L2 – L3	HARM_U36_L2_L3	24378	float	V	
Voltage 36.harmonic L3 – L1	HARM_U36_L3_L1	24380	float	V	
	NULL	24382	float		
Voltage 37.harmonic L1 – L2	HARM_U37_L1_L2	24384	float	V	
Voltage 37.harmonic L2 – L3	HARM_U37_L2_L3	24386	float	V	
Voltage 37.harmonic L3 – L1	HARM_U37_L3_L1	24388	float	V	
	NULL	24390	float		
Voltage 38.harmonic L1 – L2	HARM_U38_L1_L2	24392	float	V	
Voltage 38.harmonic L2 – L3	HARM_U38_L2_L3	24394	float	V	
Voltage 38.harmonic L3 – L1	HARM_U38_L3_L1	24396	float	V	
	NULL	24398	float		
Voltage 39.harmonic L1 – L2	HARM_U39_L1_L2	24400	float	V	
Voltage 39.harmonic L2 – L3	HARM_U39_L2_L3	24402	float	V	
Voltage 39.harmonic L3 – L1	HARM_U39_L3_L1	24404	float	V	
	NULL	24406	float		
Voltage 40.harmonic L1 – L2	HARM_U40_L1_L2	24408	float	V	
Voltage 40.harmonic L2 – L3	HARM_U40_L2_L3	24410	float	V	
Voltage 40.harmonic L3 – L1	HARM_U40_L3_L1	24412	float	V	
	NULL	24414	float		
Voltage 41.harmonic L1 – L2	HARM_U41_L1_L2	24416	float	V	
Voltage 41.harmonic L2 – L3	HARM_U41_L2_L3	24418	float	V	
Voltage 41.harmonic L3 – L1	HARM_U41_L3_L1	24420	float	V	
	NULL	24422	float		
Voltage 42.harmonic L1 – L2	HARM_U42_L1_L2	24424	float	V	
Voltage 42.harmonic L2 – L3	HARM_U42_L2_L3	24426	float	V	
Voltage 42.harmonic L3 – L1	HARM_U42_L3_L1	24428	float	V	
	NULL	24430	float		
Voltage 43.harmonic L1 – L2	HARM_U43_L1_L2	24432	float	V	
Voltage 43.harmonic L2 – L3	HARM_U43_L2_L3	24434	float	V	
Voltage 43.harmonic L3 – L1	HARM_U43_L3_L1	24436	float	V	
	NULL	24438	float		
Voltage 44.harmonic L1 – L2	HARM_U44_L1_L2	24440	float	V	
Voltage 44.harmonic L2 – L3	HARM_U44_L2_L3	24442	float	V	
Voltage 44.harmonic L3 – L1	HARM_U44_L3_L1	24444	float	V	
	NULL	24446	float		
Voltage 45.harmonic L1 – L2	HARM_U45_L1_L2	24448	float	V	
Voltage 45.harmonic L2 – L3	HARM_U45_L2_L3	24450	float	V	
Voltage 45.harmonic L3 – L1	HARM_U45_L3_L1	24452	float	V	
	NULL	24454	float		
Voltage 46.harmonic L1 – L2	HARM_U46_L1_L2	24456	float	V	
Voltage 46.harmonic L2 – L3	HARM_U46_L2_L3	24458	float	V	
Voltage 46.harmonic L3 – L1	HARM_U46_L3_L1	24460	float	V	
	NULL	24462	float		
Voltage 47.harmonic L1 – L2	HARM_U47_L1_L2	24464	float	V	
Voltage 47.harmonic L2 – L3	HARM_U47_L2_L3	24466	float	V	
Voltage 47.harmonic L3 – L1	HARM_U47_L3_L1	24468	float	V	
	NULL	24470	float		
Voltage 48.harmonic L1 – L2	HARM_U48_L1_L2	24472	float	V	
Voltage 48.harmonic L2 – L3	HARM_U48_L2_L3	24474	float	V	
Voltage 48.harmonic L3 – L1	HARM_U48_L3_L1	24476	float	V	
	NULL	24478	float		
Voltage 49.harmonic L1 – L2	HARM_U49_L1_L2	24480	float	V	
Voltage 49.harmonic L2 – L3	HARM_U49_L2_L3	24482	float	V	
Voltage 49.harmonic L3 – L1	HARM_U49_L3_L1	24484	float	V	
	NULL	24486	float		
Voltage 50.harmonic L1 – L2	HARM_U50_L1_L2	24488	float	V	
Voltage 50.harmonic L2 – L3	HARM_U50_L2_L3	24490	float	V	
Voltage 50.harmonic L3 – L1	HARM_U50_L3_L1	24492	float	V	
	NULL	24494	float		
Voltage 51.harmonic L1 – L2	HARM_U51_L1_L2	24496	float	V	
Voltage 51.harmonic L2 – L3	HARM_U51_L2_L3	24498	float	V	
Voltage 51.harmonic L3 – L1	HARM_U51_L3_L1	24500	float	V	
	NULL	24502	float		
Voltage 52.harmonic L1 – L2	HARM_U52_L1_L2	24504	float	V	
Voltage 52.harmonic L2 – L3	HARM_U52_L2_L3	24506	float	V	
Voltage 52.harmonic L3 – L1	HARM_U52_L3_L1	24508	float	V	
	NULL	24510	float		
Voltage 53.harmonic L1 – L2	HARM_U53_L1_L2	24512	float	V	
Voltage 53.harmonic L2 – L3	HARM_U53_L2_L3	24514	float	V	

Line voltage harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.harmonic L3 – L1	HARM_U53_L3_L1	24516	float	V	
	NULL	24518	float		
Voltage 54.harmonic L1 – L2	HARM_U54_L1_L2	24520	float	V	
Voltage 54.harmonic L2 – L3	HARM_U54_L2_L3	24522	float	V	
Voltage 54.harmonic L3 – L1	HARM_U54_L3_L1	24524	float	V	
	NULL	24526	float		
Voltage 55.harmonic L1 – L2	HARM_U55_L1_L2	24528	float	V	
Voltage 55.harmonic L2 – L3	HARM_U55_L2_L3	24530	float	V	
Voltage 55.harmonic L3 – L1	HARM_U55_L3_L1	24532	float	V	
	NULL	24534	float		
Voltage 56.harmonic L1 – L2	HARM_U56_L1_L2	24536	float	V	
Voltage 56.harmonic L2 – L3	HARM_U56_L2_L3	24538	float	V	
Voltage 56.harmonic L3 – L1	HARM_U56_L3_L1	24540	float	V	
	NULL	24542	float		
Voltage 57.harmonic L1 – L2	HARM_U57_L1_L2	24544	float	V	
Voltage 57.harmonic L2 – L3	HARM_U57_L2_L3	24546	float	V	
Voltage 57.harmonic L3 – L1	HARM_U57_L3_L1	24548	float	V	
	NULL	24550	float		
Voltage 58.harmonic L1 – L2	HARM_U58_L1_L2	24552	float	V	
Voltage 58.harmonic L2 – L3	HARM_U58_L2_L3	24554	float	V	
Voltage 58.harmonic L3 – L1	HARM_U58_L3_L1	24556	float	V	
	NULL	24558	float		
Voltage 59.harmonic L1 – L2	HARM_U59_L1_L2	24560	float	V	
Voltage 59.harmonic L2 – L3	HARM_U59_L2_L3	24562	float	V	
Voltage 59.harmonic L3 – L1	HARM_U59_L3_L1	24564	float	V	
	NULL	24566	float		
Voltage 60.harmonic L1 – L2	HARM_U60_L1_L2	24568	float	V	
Voltage 60.harmonic L2 – L3	HARM_U60_L2_L3	24570	float	V	
Voltage 60.harmonic L3 – L1	HARM_U60_L3_L1	24572	float	V	
	NULL	24574	float		
Voltage 61.harmonic L1 – L2	HARM_U61_L1_L2	24576	float	V	
Voltage 61.harmonic L2 – L3	HARM_U61_L2_L3	24578	float	V	
Voltage 61.harmonic L3 – L1	HARM_U61_L3_L1	24580	float	V	
	NULL	24582	float		
Voltage 62.harmonic L1 – L2	HARM_U62_L1_L2	24584	float	V	
Voltage 62.harmonic L2 – L3	HARM_U62_L2_L3	24586	float	V	
Voltage 62.harmonic L3 – L1	HARM_U62_L3_L1	24588	float	V	
	NULL	24590	float		
Voltage 63.harmonic L1 – L2	HARM_U63_L1_L2	24592	float	V	
Voltage 63.harmonic L2 – L3	HARM_U63_L2_L3	24594	float	V	
Voltage 63.harmonic L3 – L1	HARM_U63_L3_L1	24596	float	V	
	NULL	24598	float		
Voltage 64.harmonic L1 – L2	HARM_U64_L1_L2	24600	float	V	
Voltage 64.harmonic L2 – L3	HARM_U64_L2_L3	24602	float	V	
Voltage 64.harmonic L3 – L1	HARM_U64_L3_L1	24604	float	V	
	NULL	24606	float		

Line voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.inter-harmonic L1 – L2	INTERHARM_U1_L1_L2	24608	float	V	
Voltage 1.inter-harmonic L2 – L3	INTERHARM_U1_L2_L3	24610	float	V	
Voltage 1.inter-harmonic L3 – L1	INTERHARM_U1_L3_L1	24612	float	V	
	NULL	24614	float		
Voltage 2.inter-harmonic L1 – L2	INTERHARM_U2_L1_L2	24616	float	V	
Voltage 2.inter-harmonic L2 – L3	INTERHARM_U2_L2_L3	24618	float	V	
Voltage 2.inter-harmonic L3 – L1	INTERHARM_U2_L3_L1	24620	float	V	
	NULL	24622	float		
Voltage 3.inter-harmonic L1 – L2	INTERHARM_U3_L1_L2	24624	float	V	
Voltage 3.inter-harmonic L2 – L3	INTERHARM_U3_L2_L3	24626	float	V	
Voltage 3.inter-harmonic L3 – L1	INTERHARM_U3_L3_L1	24628	float	V	
	NULL	24630	float		
Voltage 4.inter-harmonic L1 – L2	INTERHARM_U4_L1_L2	24632	float	V	
Voltage 4.inter-harmonic L2 – L3	INTERHARM_U4_L2_L3	24634	float	V	
Voltage 4.inter-harmonic L3 – L1	INTERHARM_U4_L3_L1	24636	float	V	
	NULL	24638	float		
Voltage 5.inter-harmonic L1 – L2	INTERHARM_U5_L1_L2	24640	float	V	
Voltage 5.inter-harmonic L2 – L3	INTERHARM_U5_L2_L3	24642	float	V	
Voltage 5.inter-harmonic L3 – L1	INTERHARM_U5_L3_L1	24644	float	V	
	NULL	24646	float		
Voltage 6.inter-harmonic L1 – L2	INTERHARM_U6_L1_L2	24648	float	V	
Voltage 6.inter-harmonic L2 – L3	INTERHARM_U6_L2_L3	24650	float	V	
Voltage 6.inter-harmonic L3 – L1	INTERHARM_U6_L3_L1	24652	float	V	
	NULL	24654	float		
Voltage 7.inter-harmonic L1 – L2	INTERHARM_U7_L1_L2	24656	float	V	
Voltage 7.inter-harmonic L2 – L3	INTERHARM_U7_L2_L3	24658	float	V	
Voltage 7.inter-harmonic L3 – L1	INTERHARM_U7_L3_L1	24660	float	V	
	NULL	24662	float		
Voltage 8.inter-harmonic L1 – L2	INTERHARM_U8_L1_L2	24664	float	V	
Voltage 8.inter-harmonic L2 – L3	INTERHARM_U8_L2_L3	24666	float	V	
Voltage 8.inter-harmonic L3 – L1	INTERHARM_U8_L3_L1	24668	float	V	
	NULL	24670	float		
Voltage 9.inter-harmonic L1 – L2	INTERHARM_U9_L1_L2	24672	float	V	
Voltage 9.inter-harmonic L2 – L3	INTERHARM_U9_L2_L3	24674	float	V	
Voltage 9.inter-harmonic L3 – L1	INTERHARM_U9_L3_L1	24676	float	V	
	NULL	24678	float		
Voltage 10.inter-harmonic L1 – L2	INTERHARM_U10_L1_L2	24680	float	V	
Voltage 10.inter-harmonic L2 – L3	INTERHARM_U10_L2_L3	24682	float	V	
Voltage 10.inter-harmonic L3 – L1	INTERHARM_U10_L3_L1	24684	float	V	
	NULL	24686	float		
Voltage 11.inter-harmonic L1 – L2	INTERHARM_U11_L1_L2	24688	float	V	
Voltage 11.inter-harmonic L2 – L3	INTERHARM_U11_L2_L3	24690	float	V	
Voltage 11.inter-harmonic L3 – L1	INTERHARM_U11_L3_L1	24692	float	V	
	NULL	24694	float		
Voltage 12.inter-harmonic L1 – L2	INTERHARM_U12_L1_L2	24696	float	V	
Voltage 12.inter-harmonic L2 – L3	INTERHARM_U12_L2_L3	24698	float	V	
Voltage 12.inter-harmonic L3 – L1	INTERHARM_U12_L3_L1	24700	float	V	
	NULL	24702	float		
Voltage 13.inter-harmonic L1 – L2	INTERHARM_U13_L1_L2	24704	float	V	
Voltage 13.inter-harmonic L2 – L3	INTERHARM_U13_L2_L3	24706	float	V	
Voltage 13.inter-harmonic L3 – L1	INTERHARM_U13_L3_L1	24708	float	V	
	NULL	24710	float		
Voltage 14.inter-harmonic L1 – L2	INTERHARM_U14_L1_L2	24712	float	V	
Voltage 14.inter-harmonic L2 – L3	INTERHARM_U14_L2_L3	24714	float	V	
Voltage 14.inter-harmonic L3 – L1	INTERHARM_U14_L3_L1	24716	float	V	
	NULL	24718	float		
Voltage 15.inter-harmonic L1 – L2	INTERHARM_U15_L1_L2	24720	float	V	
Voltage 15.inter-harmonic L2 – L3	INTERHARM_U15_L2_L3	24722	float	V	
Voltage 15.inter-harmonic L3 – L1	INTERHARM_U15_L3_L1	24724	float	V	
	NULL	24726	float		
Voltage 16.inter-harmonic L1 – L2	INTERHARM_U16_L1_L2	24728	float	V	
Voltage 16.inter-harmonic L2 – L3	INTERHARM_U16_L2_L3	24730	float	V	
Voltage 16.inter-harmonic L3 – L1	INTERHARM_U16_L3_L1	24732	float	V	
	NULL	24734	float		
Voltage 17.inter-harmonic L1 – L2	INTERHARM_U17_L1_L2	24736	float	V	
Voltage 17.inter-harmonic L2 – L3	INTERHARM_U17_L2_L3	24738	float	V	
Voltage 17.inter-harmonic L3 – L1	INTERHARM_U17_L3_L1	24740	float	V	
	NULL	24742	float		
Voltage 18.inter-harmonic L1 – L2	INTERHARM_U18_L1_L2	24744	float	V	
Voltage 18.inter-harmonic L2 – L3	INTERHARM_U18_L2_L3	24746	float	V	

Line voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 18.inter-harmonic L3 – L1	INTERHARM_U18_L3_L1	24748	float	V	
	NULL	24750	float		
Voltage 19.inter-harmonic L1 – L2	INTERHARM_U19_L1_L2	24752	float	V	
Voltage 19.inter-harmonic L2 – L3	INTERHARM_U19_L2_L3	24754	float	V	
Voltage 19.inter-harmonic L3 – L1	INTERHARM_U19_L3_L1	24756	float	V	
	NULL	24758	float		
Voltage 20.inter-harmonic L1 – L2	INTERHARM_U20_L1_L2	24760	float	V	
Voltage 20.inter-harmonic L2 – L3	INTERHARM_U20_L2_L3	24762	float	V	
Voltage 20.inter-harmonic L3 – L1	INTERHARM_U20_L3_L1	24764	float	V	
	NULL	24766	float		
Voltage 21.inter-harmonic L1 – L2	INTERHARM_U21_L1_L2	24768	float	V	
Voltage 21.inter-harmonic L2 – L3	INTERHARM_U21_L2_L3	24770	float	V	
Voltage 21.inter-harmonic L3 – L1	INTERHARM_U21_L3_L1	24772	float	V	
	NULL	24774	float		
Voltage 22.inter-harmonic L1 – L2	INTERHARM_U22_L1_L2	24776	float	V	
Voltage 22.inter-harmonic L2 – L3	INTERHARM_U22_L2_L3	24778	float	V	
Voltage 22.inter-harmonic L3 – L1	INTERHARM_U22_L3_L1	24780	float	V	
	NULL	24782	float		
Voltage 23.inter-harmonic L1 – L2	INTERHARM_U23_L1_L2	24784	float	V	
Voltage 23.inter-harmonic L2 – L3	INTERHARM_U23_L2_L3	24786	float	V	
Voltage 23.inter-harmonic L3 – L1	INTERHARM_U23_L3_L1	24788	float	V	
	NULL	24790	float		
Voltage 24.inter-harmonic L1 – L2	INTERHARM_U24_L1_L2	24792	float	V	
Voltage 24.inter-harmonic L2 – L3	INTERHARM_U24_L2_L3	24794	float	V	
Voltage 24.inter-harmonic L3 – L1	INTERHARM_U24_L3_L1	24796	float	V	
	NULL	24798	float		
Voltage 25.inter-harmonic L1 – L2	INTERHARM_U25_L1_L2	24800	float	V	
Voltage 25.inter-harmonic L2 – L3	INTERHARM_U25_L2_L3	24802	float	V	
Voltage 25.inter-harmonic L3 – L1	INTERHARM_U25_L3_L1	24804	float	V	
	NULL	24806	float		
Voltage 26.inter-harmonic L1 – L2	INTERHARM_U26_L1_L2	24808	float	V	
Voltage 26.inter-harmonic L2 – L3	INTERHARM_U26_L2_L3	24810	float	V	
Voltage 26.inter-harmonic L3 – L1	INTERHARM_U26_L3_L1	24812	float	V	
	NULL	24814	float		
Voltage 27.inter-harmonic L1 – L2	INTERHARM_U27_L1_L2	24816	float	V	
Voltage 27.inter-harmonic L2 – L3	INTERHARM_U27_L2_L3	24818	float	V	
Voltage 27.inter-harmonic L3 – L1	INTERHARM_U27_L3_L1	24820	float	V	
	NULL	24822	float		
Voltage 28.inter-harmonic L1 – L2	INTERHARM_U28_L1_L2	24824	float	V	
Voltage 28.inter-harmonic L2 – L3	INTERHARM_U28_L2_L3	24826	float	V	
Voltage 28.inter-harmonic L3 – L1	INTERHARM_U28_L3_L1	24828	float	V	
	NULL	24830	float		
Voltage 29.inter-harmonic L1 – L2	INTERHARM_U29_L1_L2	24832	float	V	
Voltage 29.inter-harmonic L2 – L3	INTERHARM_U29_L2_L3	24834	float	V	
Voltage 29.inter-harmonic L3 – L1	INTERHARM_U29_L3_L1	24836	float	V	
	NULL	24838	float		
Voltage 30.inter-harmonic L1 – L2	INTERHARM_U30_L1_L2	24840	float	V	
Voltage 30.inter-harmonic L2 – L3	INTERHARM_U30_L2_L3	24842	float	V	
Voltage 30.inter-harmonic L3 – L1	INTERHARM_U30_L3_L1	24844	float	V	
	NULL	24846	float		
Voltage 31.inter-harmonic L1 – L2	INTERHARM_U31_L1_L2	24848	float	V	
Voltage 31.inter-harmonic L2 – L3	INTERHARM_U31_L2_L3	24850	float	V	
Voltage 31.inter-harmonic L3 – L1	INTERHARM_U31_L3_L1	24852	float	V	
	NULL	24854	float		
Voltage 32.inter-harmonic L1 – L2	INTERHARM_U32_L1_L2	24856	float	V	
Voltage 32.inter-harmonic L2 – L3	INTERHARM_U32_L2_L3	24858	float	V	
Voltage 32.inter-harmonic L3 – L1	INTERHARM_U32_L3_L1	24860	float	V	
	NULL	24862	float		
Voltage 33.inter-harmonic L1 – L2	INTERHARM_U33_L1_L2	24864	float	V	
Voltage 33.inter-harmonic L2 – L3	INTERHARM_U33_L2_L3	24866	float	V	
Voltage 33.inter-harmonic L3 – L1	INTERHARM_U33_L3_L1	24868	float	V	
	NULL	24870	float		
Voltage 34.inter-harmonic L1 – L2	INTERHARM_U34_L1_L2	24872	float	V	
Voltage 34.inter-harmonic L2 – L3	INTERHARM_U34_L2_L3	24874	float	V	
Voltage 34.inter-harmonic L3 – L1	INTERHARM_U34_L3_L1	24876	float	V	
	NULL	24878	float		
Voltage 35.inter-harmonic L1 – L2	INTERHARM_U35_L1_L2	24880	float	V	
Voltage 35.inter-harmonic L2 – L3	INTERHARM_U35_L2_L3	24882	float	V	
Voltage 35.inter-harmonic L3 – L1	INTERHARM_U35_L3_L1	24884	float	V	
	NULL	24886	float		

Line voltage inter-harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.inter-harmonic L1 – L2	INTERHARM_U36_L1_L2	24888	float	V	
Voltage 36.inter-harmonic L2 – L3	INTERHARM_U36_L2_L3	24890	float	V	
Voltage 36.inter-harmonic L3 – L1	INTERHARM_U36_L3_L1	24892	float	V	
	NULL	24894	float		
Voltage 37.inter-harmonic L1 – L2	INTERHARM_U37_L1_L2	24896	float	V	
Voltage 37.inter-harmonic L2 – L3	INTERHARM_U37_L2_L3	24898	float	V	
Voltage 37.inter-harmonic L3 – L1	INTERHARM_U37_L3_L1	24900	float	V	
	NULL	24902	float		
Voltage 38.inter-harmonic L1 – L2	INTERHARM_U38_L1_L2	24904	float	V	
Voltage 38.inter-harmonic L2 – L3	INTERHARM_U38_L2_L3	24906	float	V	
Voltage 38.inter-harmonic L3 – L1	INTERHARM_U38_L3_L1	24908	float	V	
	NULL	24910	float		
Voltage 39.inter-harmonic L1 – L2	INTERHARM_U39_L1_L2	24912	float	V	
Voltage 39.inter-harmonic L2 – L3	INTERHARM_U39_L2_L3	24914	float	V	
Voltage 39.inter-harmonic L3 – L1	INTERHARM_U39_L3_L1	24916	float	V	
	NULL	24918	float		
Voltage 40.inter-harmonic L1 – L2	INTERHARM_U40_L1_L2	24920	float	V	
Voltage 40.inter-harmonic L2 – L3	INTERHARM_U40_L2_L3	24922	float	V	
Voltage 40.inter-harmonic L3 – L1	INTERHARM_U40_L3_L1	24924	float	V	
	NULL	24926	float		
Voltage 41.inter-harmonic L1 – L2	INTERHARM_U41_L1_L2	24928	float	V	
Voltage 41.inter-harmonic L2 – L3	INTERHARM_U41_L2_L3	24930	float	V	
Voltage 41.inter-harmonic L3 – L1	INTERHARM_U41_L3_L1	24932	float	V	
	NULL	24934	float		
Voltage 42.inter-harmonic L1 – L2	INTERHARM_U42_L1_L2	24936	float	V	
Voltage 42.inter-harmonic L2 – L3	INTERHARM_U42_L2_L3	24938	float	V	
Voltage 42.inter-harmonic L3 – L1	INTERHARM_U42_L3_L1	24940	float	V	
	NULL	24942	float		
Voltage 43.inter-harmonic L1 – L2	INTERHARM_U43_L1_L2	24944	float	V	
Voltage 43.inter-harmonic L2 – L3	INTERHARM_U43_L2_L3	24946	float	V	
Voltage 43.inter-harmonic L3 – L1	INTERHARM_U43_L3_L1	24948	float	V	
	NULL	24950	float		
Voltage 44.inter-harmonic L1 – L2	INTERHARM_U44_L1_L2	24952	float	V	
Voltage 44.inter-harmonic L2 – L3	INTERHARM_U44_L2_L3	24954	float	V	
Voltage 44.inter-harmonic L3 – L1	INTERHARM_U44_L3_L1	24956	float	V	
	NULL	24958	float		
Voltage 45.inter-harmonic L1 – L2	INTERHARM_U45_L1_L2	24960	float	V	
Voltage 45.inter-harmonic L2 – L3	INTERHARM_U45_L2_L3	24962	float	V	
Voltage 45.inter-harmonic L3 – L1	INTERHARM_U45_L3_L1	24964	float	V	
	NULL	24966	float		
Voltage 46.inter-harmonic L1 – L2	INTERHARM_U46_L1_L2	24968	float	V	
Voltage 46.inter-harmonic L2 – L3	INTERHARM_U46_L2_L3	24970	float	V	
Voltage 46.inter-harmonic L3 – L1	INTERHARM_U46_L3_L1	24972	float	V	
	NULL	24974	float		
Voltage 47.inter-harmonic L1 – L2	INTERHARM_U47_L1_L2	24976	float	V	
Voltage 47.inter-harmonic L2 – L3	INTERHARM_U47_L2_L3	24978	float	V	
Voltage 47.inter-harmonic L3 – L1	INTERHARM_U47_L3_L1	24980	float	V	
	NULL	24982	float		
Voltage 48.inter-harmonic L1 – L2	INTERHARM_U48_L1_L2	24984	float	V	
Voltage 48.inter-harmonic L2 – L3	INTERHARM_U48_L2_L3	24986	float	V	
Voltage 48.inter-harmonic L3 – L1	INTERHARM_U48_L3_L1	24988	float	V	
	NULL	24990	float		
Voltage 49.inter-harmonic L1 – L2	INTERHARM_U49_L1_L2	24992	float	V	
Voltage 49.inter-harmonic L2 – L3	INTERHARM_U49_L2_L3	24994	float	V	
Voltage 49.inter-harmonic L3 – L1	INTERHARM_U49_L3_L1	24996	float	V	
	NULL	24998	float		
Voltage 50.inter-harmonic L1 – L2	INTERHARM_U50_L1_L2	25000	float	V	
Voltage 50.inter-harmonic L2 – L3	INTERHARM_U50_L2_L3	25002	float	V	
Voltage 50.inter-harmonic L3 – L1	INTERHARM_U50_L3_L1	25004	float	V	
	NULL	25006	float		
Voltage 51.inter-harmonic L1 – L2	INTERHARM_U51_L1_L2	25008	float	V	
Voltage 51.inter-harmonic L2 – L3	INTERHARM_U51_L2_L3	25010	float	V	
Voltage 51.inter-harmonic L3 – L1	INTERHARM_U51_L3_L1	25012	float	V	
	NULL	25014	float		
Voltage 52.inter-harmonic L1 – L2	INTERHARM_U52_L1_L2	25016	float	V	
Voltage 52.inter-harmonic L2 – L3	INTERHARM_U52_L2_L3	25018	float	V	
Voltage 52.inter-harmonic L3 – L1	INTERHARM_U52_L3_L1	25020	float	V	
	NULL	25022	float		
Voltage 53.inter-harmonic L1 – L2	INTERHARM_U53_L1_L2	25024	float	V	
Voltage 53.inter-harmonic L2 – L3	INTERHARM_U53_L2_L3	25026	float	V	

Line voltage inter-harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 53.inter-harmonic L3 – L1	INTERHARM_U53_L3_L1	25028	float	V
	NULL	25030	float	
Voltage 54.inter-harmonic L1 – L2	INTERHARM_U54_L1_L2	25032	float	V
Voltage 54.inter-harmonic L2 – L3	INTERHARM_U54_L2_L3	25034	float	V
Voltage 54.inter-harmonic L3 – L1	INTERHARM_U54_L3_L1	25036	float	V
	NULL	25038	float	
Voltage 55.inter-harmonic L1 – L2	INTERHARM_U55_L1_L2	25040	float	V
Voltage 55.inter-harmonic L2 – L3	INTERHARM_U55_L2_L3	25042	float	V
Voltage 55.inter-harmonic L3 – L1	INTERHARM_U55_L3_L1	25044	float	V
	NULL	25046	float	
Voltage 56.inter-harmonic L1 – L2	INTERHARM_U56_L1_L2	25048	float	V
Voltage 56.inter-harmonic L2 – L3	INTERHARM_U56_L2_L3	25050	float	V
Voltage 56.inter-harmonic L3 – L1	INTERHARM_U56_L3_L1	25052	float	V
	NULL	25054	float	
Voltage 57.inter-harmonic L1 – L2	INTERHARM_U57_L1_L2	25056	float	V
Voltage 57.inter-harmonic L2 – L3	INTERHARM_U57_L2_L3	25058	float	V
Voltage 57.inter-harmonic L3 – L1	INTERHARM_U57_L3_L1	25060	float	V
	NULL	25062	float	
Voltage 58.inter-harmonic L1 – L2	INTERHARM_U58_L1_L2	25064	float	V
Voltage 58.inter-harmonic L2 – L3	INTERHARM_U58_L2_L3	25066	float	V
Voltage 58.inter-harmonic L3 – L1	INTERHARM_U58_L3_L1	25068	float	V
	NULL	25070	float	
Voltage 59.inter-harmonic L1 – L2	INTERHARM_U59_L1_L2	25072	float	V
Voltage 59.inter-harmonic L2 – L3	INTERHARM_U59_L2_L3	25074	float	V
Voltage 59.inter-harmonic L3 – L1	INTERHARM_U59_L3_L1	25076	float	V
	NULL	25078	float	
Voltage 60.inter-harmonic L1 – L2	INTERHARM_U60_L1_L2	25080	float	V
Voltage 60.inter-harmonic L2 – L3	INTERHARM_U60_L2_L3	25082	float	V
Voltage 60.inter-harmonic L3 – L1	INTERHARM_U60_L3_L1	25084	float	V
	NULL	25086	float	
Voltage 61.inter-harmonic L1 – L2	INTERHARM_U61_L1_L2	25088	float	V
Voltage 61.inter-harmonic L2 – L3	INTERHARM_U61_L2_L3	25090	float	V
Voltage 61.inter-harmonic L3 – L1	INTERHARM_U61_L3_L1	25092	float	V
	NULL	25094	float	
Voltage 62.inter-harmonic L1 – L2	INTERHARM_U62_L1_L2	25096	float	V
Voltage 62.inter-harmonic L2 – L3	INTERHARM_U62_L2_L3	25098	float	V
Voltage 62.inter-harmonic L3 – L1	INTERHARM_U62_L3_L1	25100	float	V
	NULL	25102	float	
Voltage 63.inter-harmonic L1 – L2	INTERHARM_U63_L1_L2	25104	float	V
Voltage 63.inter-harmonic L2 – L3	INTERHARM_U63_L2_L3	25106	float	V
Voltage 63.inter-harmonic L3 – L1	INTERHARM_U63_L3_L1	25108	float	V
	NULL	25110	float	
Voltage 64.inter-harmonic L1 – L2	INTERHARM_U64_L1_L2	25112	float	V
Voltage 64.inter-harmonic L2 – L3	INTERHARM_U64_L2_L3	25114	float	V
Voltage 64.inter-harmonic L3 – L1	INTERHARM_U64_L3_L1	25116	float	V
	NULL	25118	float	

Line voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 1.group harmonic L1 – L2	GROUP_HARM_U1_L1_L2	25120	float	V	
Voltage 1.group harmonic L2 – L3	GROUP_HARM_U1_L2_L3	25122	float	V	
Voltage 1.group harmonic L3 – L1	GROUP_HARM_U1_L3_L1	25124	float	V	
	NULL	25126	float		
Voltage 2.group harmonic L1 – L2	GROUP_HARM_U2_L1_L2	25128	float	V	
Voltage 2.group harmonic L2 – L3	GROUP_HARM_U2_L2_L3	25130	float	V	
Voltage 2.group harmonic L3 – L1	GROUP_HARM_U2_L3_L1	25132	float	V	
	NULL	25134	float		
Voltage 3.group harmonic L1 – L2	GROUP_HARM_U3_L1_L2	25136	float	V	
Voltage 3.group harmonic L2 – L3	GROUP_HARM_U3_L2_L3	25138	float	V	
Voltage 3.group harmonic L3 – L1	GROUP_HARM_U3_L3_L1	25140	float	V	
	NULL	25142	float		
Voltage 4.group harmonic L1 – L2	GROUP_HARM_U4_L1_L2	25144	float	V	
Voltage 4.group harmonic L2 – L3	GROUP_HARM_U4_L2_L3	25146	float	V	
Voltage 4.group harmonic L3 – L1	GROUP_HARM_U4_L3_L1	25148	float	V	
	NULL	25150	float		
Voltage 5.group harmonic L1 – L2	GROUP_HARM_U5_L1_L2	25152	float	V	
Voltage 5.group harmonic L2 – L3	GROUP_HARM_U5_L2_L3	25154	float	V	
Voltage 5.group harmonic L3 – L1	GROUP_HARM_U5_L3_L1	25156	float	V	
	NULL	25158	float		
Voltage 6.group harmonic L1 – L2	GROUP_HARM_U6_L1_L2	25160	float	V	
Voltage 6.group harmonic L2 – L3	GROUP_HARM_U6_L2_L3	25162	float	V	
Voltage 6.group harmonic L3 – L1	GROUP_HARM_U6_L3_L1	25164	float	V	
	NULL	25166	float		
Voltage 7.group harmonic L1 – L2	GROUP_HARM_U7_L1_L2	25168	float	V	
Voltage 7.group harmonic L2 – L3	GROUP_HARM_U7_L2_L3	25170	float	V	
Voltage 7.group harmonic L3 – L1	GROUP_HARM_U7_L3_L1	25172	float	V	
	NULL	25174	float		
Voltage 8.group harmonic L1 – L2	GROUP_HARM_U8_L1_L2	25176	float	V	
Voltage 8.group harmonic L2 – L3	GROUP_HARM_U8_L2_L3	25178	float	V	
Voltage 8.group harmonic L3 – L1	GROUP_HARM_U8_L3_L1	25180	float	V	
	NULL	25182	float		
Voltage 9.group harmonic L1 – L2	GROUP_HARM_U9_L1_L2	25184	float	V	
Voltage 9.group harmonic L2 – L3	GROUP_HARM_U9_L2_L3	25186	float	V	
Voltage 9.group harmonic L3 – L1	GROUP_HARM_U9_L3_L1	25188	float	V	
	NULL	25190	float		
Voltage 10.group harmonic L1 – L2	GROUP_HARM_U10_L1_L2	25192	float	V	
Voltage 10.group harmonic L2 – L3	GROUP_HARM_U10_L2_L3	25194	float	V	
Voltage 10.group harmonic L3 – L1	GROUP_HARM_U10_L3_L1	25196	float	V	
	NULL	25198	float		
Voltage 11.group harmonic L1 – L2	GROUP_HARM_U11_L1_L2	25200	float	V	
Voltage 11.group harmonic L2 – L3	GROUP_HARM_U11_L2_L3	25202	float	V	
Voltage 11.group harmonic L3 – L1	GROUP_HARM_U11_L3_L1	25204	float	V	
	NULL	25206	float		
Voltage 12.group harmonic L1 – L2	GROUP_HARM_U12_L1_L2	25208	float	V	
Voltage 12.group harmonic L2 – L3	GROUP_HARM_U12_L2_L3	25210	float	V	
Voltage 12.group harmonic L3 – L1	GROUP_HARM_U12_L3_L1	25212	float	V	
	NULL	25214	float		
Voltage 13.group harmonic L1 – L2	GROUP_HARM_U13_L1_L2	25216	float	V	
Voltage 13.group harmonic L2 – L3	GROUP_HARM_U13_L2_L3	25218	float	V	
Voltage 13.group harmonic L3 – L1	GROUP_HARM_U13_L3_L1	25220	float	V	
	NULL	25222	float		
Voltage 14.group harmonic L1 – L2	GROUP_HARM_U14_L1_L2	25224	float	V	
Voltage 14.group harmonic L2 – L3	GROUP_HARM_U14_L2_L3	25226	float	V	
Voltage 14.group harmonic L3 – L1	GROUP_HARM_U14_L3_L1	25228	float	V	
	NULL	25230	float		
Voltage 15.group harmonic L1 – L2	GROUP_HARM_U15_L1_L2	25232	float	V	
Voltage 15.group harmonic L2 – L3	GROUP_HARM_U15_L2_L3	25234	float	V	
Voltage 15.group harmonic L3 – L1	GROUP_HARM_U15_L3_L1	25236	float	V	
	NULL	25238	float		
Voltage 16.group harmonic L1 – L2	GROUP_HARM_U16_L1_L2	25240	float	V	
Voltage 16.group harmonic L2 – L3	GROUP_HARM_U16_L2_L3	25242	float	V	
Voltage 16.group harmonic L3 – L1	GROUP_HARM_U16_L3_L1	25244	float	V	
	NULL	25246	float		
Voltage 17.group harmonic L1 – L2	GROUP_HARM_U17_L1_L2	25248	float	V	
Voltage 17.group harmonic L2 – L3	GROUP_HARM_U17_L2_L3	25250	float	V	
Voltage 17.group harmonic L3 – L1	GROUP_HARM_U17_L3_L1	25252	float	V	
	NULL	25254	float		
Voltage 18.group harmonic L1 – L2	GROUP_HARM_U18_L1_L2	25256	float	V	
Voltage 18.group harmonic L2 – L3	GROUP_HARM_U18_L2_L3	25258	float	V	

Line voltage group harmonics				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage 18.group harmonic L3 – L1	GROUP_HARM_U18_L3_L1	25260	float	V
	NULL	25262	float	
Voltage 19.group harmonic L1 – L2	GROUP_HARM_U19_L1_L2	25264	float	V
Voltage 19.group harmonic L2 – L3	GROUP_HARM_U19_L2_L3	25266	float	V
Voltage 19.group harmonic L3 – L1	GROUP_HARM_U19_L3_L1	25268	float	V
	NULL	25270	float	
Voltage 20.group harmonic L1 – L2	GROUP_HARM_U20_L1_L2	25272	float	V
Voltage 20.group harmonic L2 – L3	GROUP_HARM_U20_L2_L3	25274	float	V
Voltage 20.group harmonic L3 – L1	GROUP_HARM_U20_L3_L1	25276	float	V
	NULL	25278	float	
Voltage 21.group harmonic L1 – L2	GROUP_HARM_U21_L1_L2	25280	float	V
Voltage 21.group harmonic L2 – L3	GROUP_HARM_U21_L2_L3	25282	float	V
Voltage 21.group harmonic L3 – L1	GROUP_HARM_U21_L3_L1	25284	float	V
	NULL	25286	float	
Voltage 22.group harmonic L1 – L2	GROUP_HARM_U22_L1_L2	25288	float	V
Voltage 22.group harmonic L2 – L3	GROUP_HARM_U22_L2_L3	25290	float	V
Voltage 22.group harmonic L3 – L1	GROUP_HARM_U22_L3_L1	25292	float	V
	NULL	25294	float	
Voltage 23.group harmonic L1 – L2	GROUP_HARM_U23_L1_L2	25296	float	V
Voltage 23.group harmonic L2 – L3	GROUP_HARM_U23_L2_L3	25298	float	V
Voltage 23.group harmonic L3 – L1	GROUP_HARM_U23_L3_L1	25300	float	V
	NULL	25302	float	
Voltage 24.group harmonic L1 – L2	GROUP_HARM_U24_L1_L2	25304	float	V
Voltage 24.group harmonic L2 – L3	GROUP_HARM_U24_L2_L3	25306	float	V
Voltage 24.group harmonic L3 – L1	GROUP_HARM_U24_L3_L1	25308	float	V
	NULL	25310	float	
Voltage 25.group harmonic L1 – L2	GROUP_HARM_U25_L1_L2	25312	float	V
Voltage 25.group harmonic L2 – L3	GROUP_HARM_U25_L2_L3	25314	float	V
Voltage 25.group harmonic L3 – L1	GROUP_HARM_U25_L3_L1	25316	float	V
	NULL	25318	float	
Voltage 26.group harmonic L1 – L2	GROUP_HARM_U26_L1_L2	25320	float	V
Voltage 26.group harmonic L2 – L3	GROUP_HARM_U26_L2_L3	25322	float	V
Voltage 26.group harmonic L3 – L1	GROUP_HARM_U26_L3_L1	25324	float	V
	NULL	25326	float	
Voltage 27.group harmonic L1 – L2	GROUP_HARM_U27_L1_L2	25328	float	V
Voltage 27.group harmonic L2 – L3	GROUP_HARM_U27_L2_L3	25330	float	V
Voltage 27.group harmonic L3 – L1	GROUP_HARM_U27_L3_L1	25332	float	V
	NULL	25334	float	
Voltage 28.group harmonic L1 – L2	GROUP_HARM_U28_L1_L2	25336	float	V
Voltage 28.group harmonic L2 – L3	GROUP_HARM_U28_L2_L3	25338	float	V
Voltage 28.group harmonic L3 – L1	GROUP_HARM_U28_L3_L1	25340	float	V
	NULL	25342	float	
Voltage 29.group harmonic L1 – L2	GROUP_HARM_U29_L1_L2	25344	float	V
Voltage 29.group harmonic L2 – L3	GROUP_HARM_U29_L2_L3	25346	float	V
Voltage 29.group harmonic L3 – L1	GROUP_HARM_U29_L3_L1	25348	float	V
	NULL	25350	float	
Voltage 30.group harmonic L1 – L2	GROUP_HARM_U30_L1_L2	25352	float	V
Voltage 30.group harmonic L2 – L3	GROUP_HARM_U30_L2_L3	25354	float	V
Voltage 30.group harmonic L3 – L1	GROUP_HARM_U30_L3_L1	25356	float	V
	NULL	25358	float	
Voltage 31.group harmonic L1 – L2	GROUP_HARM_U31_L1_L2	25360	float	V
Voltage 31.group harmonic L2 – L3	GROUP_HARM_U31_L2_L3	25362	float	V
Voltage 31.group harmonic L3 – L1	GROUP_HARM_U31_L3_L1	25364	float	V
	NULL	25366	float	
Voltage 32.group harmonic L1 – L2	GROUP_HARM_U32_L1_L2	25368	float	V
Voltage 32.group harmonic L2 – L3	GROUP_HARM_U32_L2_L3	25370	float	V
Voltage 32.group harmonic L3 – L1	GROUP_HARM_U32_L3_L1	25372	float	V
	NULL	25374	float	
Voltage 33.group harmonic L1 – L2	GROUP_HARM_U33_L1_L2	25376	float	V
Voltage 33.group harmonic L2 – L3	GROUP_HARM_U33_L2_L3	25378	float	V
Voltage 33.group harmonic L3 – L1	GROUP_HARM_U33_L3_L1	25380	float	V
	NULL	25382	float	
Voltage 34.group harmonic L1 – L2	GROUP_HARM_U34_L1_L2	25384	float	V
Voltage 34.group harmonic L2 – L3	GROUP_HARM_U34_L2_L3	25386	float	V
Voltage 34.group harmonic L3 – L1	GROUP_HARM_U34_L3_L1	25388	float	V
	NULL	25390	float	
Voltage 35.group harmonic L1 – L2	GROUP_HARM_U35_L1_L2	25392	float	V
Voltage 35.group harmonic L2 – L3	GROUP_HARM_U35_L2_L3	25394	float	V
Voltage 35.group harmonic L3 – L1	GROUP_HARM_U35_L3_L1	25396	float	V
	NULL	25398	float	

Line voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 36.group harmonic L1 – L2	GROUP_HARM_U36_L1_L2	25400	float	V	
Voltage 36.group harmonic L2 – L3	GROUP_HARM_U36_L2_L3	25402	float	V	
Voltage 36.group harmonic L3 – L1	GROUP_HARM_U36_L3_L1	25404	float	V	
	NULL	25406	float		
Voltage 37.group harmonic L1 – L2	GROUP_HARM_U37_L1_L2	25408	float	V	
Voltage 37.group harmonic L2 – L3	GROUP_HARM_U37_L2_L3	25410	float	V	
Voltage 37.group harmonic L3 – L1	GROUP_HARM_U37_L3_L1	25412	float	V	
	NULL	25414	float		
Voltage 38.group harmonic L1 – L2	GROUP_HARM_U38_L1_L2	25416	float	V	
Voltage 38.group harmonic L2 – L3	GROUP_HARM_U38_L2_L3	25418	float	V	
Voltage 38.group harmonic L3 – L1	GROUP_HARM_U38_L3_L1	25420	float	V	
	NULL	25422	float		
Voltage 39.group harmonic L1 – L2	GROUP_HARM_U39_L1_L2	25424	float	V	
Voltage 39.group harmonic L2 – L3	GROUP_HARM_U39_L2_L3	25426	float	V	
Voltage 39.group harmonic L3 – L1	GROUP_HARM_U39_L3_L1	25428	float	V	
	NULL	25430	float		
Voltage 40.group harmonic L1 – L2	GROUP_HARM_U40_L1_L2	25432	float	V	
Voltage 40.group harmonic L2 – L3	GROUP_HARM_U40_L2_L3	25434	float	V	
Voltage 40.group harmonic L3 – L1	GROUP_HARM_U40_L3_L1	25436	float	V	
	NULL	25438	float		
Voltage 41.group harmonic L1 – L2	GROUP_HARM_U41_L1_L2	25440	float	V	
Voltage 41.group harmonic L2 – L3	GROUP_HARM_U41_L2_L3	25442	float	V	
Voltage 41.group harmonic L3 – L1	GROUP_HARM_U41_L3_L1	25444	float	V	
	NULL	25446	float		
Voltage 42.group harmonic L1 – L2	GROUP_HARM_U42_L1_L2	25448	float	V	
Voltage 42.group harmonic L2 – L3	GROUP_HARM_U42_L2_L3	25450	float	V	
Voltage 42.group harmonic L3 – L1	GROUP_HARM_U42_L3_L1	25452	float	V	
	NULL	25454	float		
Voltage 43.group harmonic L1 – L2	GROUP_HARM_U43_L1_L2	25456	float	V	
Voltage 43.group harmonic L2 – L3	GROUP_HARM_U43_L2_L3	25458	float	V	
Voltage 43.group harmonic L3 – L1	GROUP_HARM_U43_L3_L1	25460	float	V	
	NULL	25462	float		
Voltage 44.group harmonic L1 – L2	GROUP_HARM_U44_L1_L2	25464	float	V	
Voltage 44.group harmonic L2 – L3	GROUP_HARM_U44_L2_L3	25466	float	V	
Voltage 44.group harmonic L3 – L1	GROUP_HARM_U44_L3_L1	25468	float	V	
	NULL	25470	float		
Voltage 45.group harmonic L1 – L2	GROUP_HARM_U45_L1_L2	25472	float	V	
Voltage 45.group harmonic L2 – L3	GROUP_HARM_U45_L2_L3	25474	float	V	
Voltage 45.group harmonic L3 – L1	GROUP_HARM_U45_L3_L1	25476	float	V	
	NULL	25478	float		
Voltage 46.group harmonic L1 – L2	GROUP_HARM_U46_L1_L2	25480	float	V	
Voltage 46.group harmonic L2 – L3	GROUP_HARM_U46_L2_L3	25482	float	V	
Voltage 46.group harmonic L3 – L1	GROUP_HARM_U46_L3_L1	25484	float	V	
	NULL	25486	float		
Voltage 47.group harmonic L1 – L2	GROUP_HARM_U47_L1_L2	25488	float	V	
Voltage 47.group harmonic L2 – L3	GROUP_HARM_U47_L2_L3	25490	float	V	
Voltage 47.group harmonic L3 – L1	GROUP_HARM_U47_L3_L1	25492	float	V	
	NULL	25494	float		
Voltage 48.group harmonic L1 – L2	GROUP_HARM_U48_L1_L2	25496	float	V	
Voltage 48.group harmonic L2 – L3	GROUP_HARM_U48_L2_L3	25498	float	V	
Voltage 48.group harmonic L3 – L1	GROUP_HARM_U48_L3_L1	25500	float	V	
	NULL	25502	float		
Voltage 49.group harmonic L1 – L2	GROUP_HARM_U49_L1_L2	25504	float	V	
Voltage 49.group harmonic L2 – L3	GROUP_HARM_U49_L2_L3	25506	float	V	
Voltage 49.group harmonic L3 – L1	GROUP_HARM_U49_L3_L1	25508	float	V	
	NULL	25510	float		
Voltage 50.group harmonic L1 – L2	GROUP_HARM_U50_L1_L2	25512	float	V	
Voltage 50.group harmonic L2 – L3	GROUP_HARM_U50_L2_L3	25514	float	V	
Voltage 50.group harmonic L3 – L1	GROUP_HARM_U50_L3_L1	25516	float	V	
	NULL	25518	float		
Voltage 51.group harmonic L1 – L2	GROUP_HARM_U51_L1_L2	25520	float	V	
Voltage 51.group harmonic L2 – L3	GROUP_HARM_U51_L2_L3	25522	float	V	
Voltage 51.group harmonic L3 – L1	GROUP_HARM_U51_L3_L1	25524	float	V	
	NULL	25526	float		
Voltage 52.group harmonic L1 – L2	GROUP_HARM_U52_L1_L2	25528	float	V	
Voltage 52.group harmonic L2 – L3	GROUP_HARM_U52_L2_L3	25530	float	V	
Voltage 52.group harmonic L3 – L1	GROUP_HARM_U52_L3_L1	25532	float	V	
	NULL	25534	float		
Voltage 53.group harmonic L1 – L2	GROUP_HARM_U53_L1_L2	25536	float	V	
Voltage 53.group harmonic L2 – L3	GROUP_HARM_U53_L2_L3	25538	float	V	

Line voltage group harmonics					
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT	
Voltage 53.group harmonic L3 – L1	GROUP_HARM_U53_L3_L1	25540	float	V	
	NULL	25542	float		
Voltage 54.group harmonic L1 – L2	GROUP_HARM_U54_L1_L2	25544	float	V	
Voltage 54.group harmonic L2 – L3	GROUP_HARM_U54_L2_L3	25546	float	V	
Voltage 54.group harmonic L3 – L1	GROUP_HARM_U54_L3_L1	25548	float	V	
	NULL	25550	float		
Voltage 55.group harmonic L1 – L2	GROUP_HARM_U55_L1_L2	25552	float	V	
Voltage 55.group harmonic L2 – L3	GROUP_HARM_U55_L2_L3	25554	float	V	
Voltage 55.group harmonic L3 – L1	GROUP_HARM_U55_L3_L1	25556	float	V	
	NULL	25558	float		
Voltage 56.group harmonic L1 – L2	GROUP_HARM_U56_L1_L2	25560	float	V	
Voltage 56.group harmonic L2 – L3	GROUP_HARM_U56_L2_L3	25562	float	V	
Voltage 56.group harmonic L3 – L1	GROUP_HARM_U56_L3_L1	25564	float	V	
	NULL	25566	float		
Voltage 57.group harmonic L1 – L2	GROUP_HARM_U57_L1_L2	25568	float	V	
Voltage 57.group harmonic L2 – L3	GROUP_HARM_U57_L2_L3	25570	float	V	
Voltage 57.group harmonic L3 – L1	GROUP_HARM_U57_L3_L1	25572	float	V	
	NULL	25574	float		
Voltage 58.group harmonic L1 – L2	GROUP_HARM_U58_L1_L2	25576	float	V	
Voltage 58.group harmonic L2 – L3	GROUP_HARM_U58_L2_L3	25578	float	V	
Voltage 58.group harmonic L3 – L1	GROUP_HARM_U58_L3_L1	25580	float	V	
	NULL	25582	float		
Voltage 59.group harmonic L1 – L2	GROUP_HARM_U59_L1_L2	25584	float	V	
Voltage 59.group harmonic L2 – L3	GROUP_HARM_U59_L2_L3	25586	float	V	
Voltage 59.group harmonic L3 – L1	GROUP_HARM_U59_L3_L1	25588	float	V	
	NULL	25590	float		
Voltage 60.group harmonic L1 – L2	GROUP_HARM_U60_L1_L2	25592	float	V	
Voltage 60.group harmonic L2 – L3	GROUP_HARM_U60_L2_L3	25594	float	V	
Voltage 60.group harmonic L3 – L1	GROUP_HARM_U60_L3_L1	25596	float	V	
	NULL	25598	float		
Voltage 61.group harmonic L1 – L2	GROUP_HARM_U61_L1_L2	25600	float	V	
Voltage 61.group harmonic L2 – L3	GROUP_HARM_U61_L2_L3	25602	float	V	
Voltage 61.group harmonic L3 – L1	GROUP_HARM_U61_L3_L1	25604	float	V	
	NULL	25606	float		
Voltage 62.group harmonic L1 – L2	GROUP_HARM_U62_L1_L2	25608	float	V	
Voltage 62.group harmonic L2 – L3	GROUP_HARM_U62_L2_L3	25610	float	V	
Voltage 62.group harmonic L3 – L1	GROUP_HARM_U62_L3_L1	25612	float	V	
	NULL	25614	float		
Voltage 63.group harmonic L1 – L2	GROUP_HARM_U63_L1_L2	25616	float	V	
Voltage 63.group harmonic L2 – L3	GROUP_HARM_U63_L2_L3	25618	float	V	
Voltage 63.group harmonic L3 – L1	GROUP_HARM_U63_L3_L1	25620	float	V	
	NULL	25622	float		
Voltage 64.group harmonic L1 – L2	GROUP_HARM_U64_L1_L2	25624	float	V	
Voltage 64.group harmonic L2 – L3	GROUP_HARM_U64_L2_L3	25626	float	V	
Voltage 64.group harmonic L3 – L1	GROUP_HARM_U64_L3_L1	25628	float	V	
	NULL	25630	float		

Max, Min, Avg values

Maximum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Voltage L1	TIME_MAX_U_LN_L1	56000	unsigned long	s
Voltage L1	MAX_U_LN_L1	56002	float	V
Time_Voltage L2	TIME_MAX_U_LN_L2	56004	unsigned long	s
Voltage L2	MAX_U_LN_L2	56006	float	V
Time_Voltage L3	TIME_MAX_U_LN_L3	56008	unsigned long	s
Voltage L3	MAX_U_LN_L3	56010	float	V
NULL	NULL	56012	float	V
NULL	NULL	56014		
Time_Voltage L1 – L2	TIME_MAX_U_LL_L1-2	56016	unsigned long	s
Voltage L1 – L2	MAX_U_LL_L1-2	56018	float	V
Time_Voltage L2 – L3	TIME_MAX_U_LL_L2-3	56020	unsigned long	s
Voltage L2 – L3	MAX_U_LL_L2-3	56022	float	V
Time_Voltage L3 – L1	TIME_MAX_U_LL_L3-1	56024	unsigned long	s
Voltage L3 – L1	MAX_U_LL_L3-1	56026	float	V
NULL	NULL	56028		
NULL	NULL	56030		
Time_Voltage THD L1	TIME_MAX_THDU_LN_L1	56032	unsigned long	s
Voltage THD L1	MAX_THDU_LN_L1	56034	float	%
Time_Voltage THD L2	TIME_MAX_THDU_LN_L2	56036	unsigned long	s
Voltage THD L2	MAX_THDU_LN_L2	56038	float	%
Time_Voltage THD L3	TIME_MAX_THDU_LN_L3	56040	unsigned long	s
Voltage THD L3	MAX_THDU_LN_L3	56042	float	%
NULL	NULL	56044		
NULL	NULL	56046		
Time_Voltage THD L1 – L2	TIME_MAX_THDU_LL_L1-2	56048	unsigned long	s
Voltage THD L1 – L2	MAX_THDU_LL_L1-2	56050	float	%
Voltage THD L2 – L3	TIME_MAX_THDU_LL_L2-3	56052	unsigned long	s
Time_Voltage THD L2 – L3	MAX_THDU_LL_L2-3	56054	float	%
Voltage THD L3 – L1	TIME_MAX_THDU_LL_L3-1	56056	unsigned long	s
Time_Voltage THD L3 – L1	MAX_THDU_LL_L3-1	56058	float	%
NULL	NULL	56060		
NULL	NULL	56062		
Time_Current L1	TIME_MAX_CURRENT_L1	56064	unsigned long	s
Current L1	MAX_CURRENT_L1	56066	float	A
Time_Current L2	TIME_MAX_CURRENT_L2	56068	unsigned long	s
Current L2	MAX_CURRENT_L2	56070	float	A
Time_Current L3	TIME_MAX_CURRENT_L3	56072	unsigned long	s
Current L3	MAX_CURRENT_L3	56074	float	A
Time_Current L4	TIME_MAX_CURRENT_L4	56076	unsigned long	s
Current L4	MAX_CURRENT_L4	56078	float	A
Time_Current THD L1	TIME_MAX_THDI_L1	56080	unsigned long	s
Current THD L1	MAX_THDI_L1	56082	float	%
Time_Current THD L2	TIME_MAX_THDI_L2	56084	unsigned long	s
Current THD L2	MAX_THDI_L2	56086	float	%
Time_Current THD L3	TIME_MAX_THDI_L3	56088	unsigned long	s
Current THD L3	MAX_THDI_L3	56090	float	%
Time_Current THD L4	TIME_MAX_THDI_L4	56092	unsigned long	s
Current THD L4	MAX_THDI_L4	56094	float	%
Time_Cosφ L1	TIME_MAX_COS_FI_L1	56096	unsigned long	s
Cosφ L1	MAX_COS_FI_L1	56098	float	
Time_Cosφ L2	TIME_MAX_COS_FI_L2	56100	unsigned long	s
Cosφ L2	MAX_COS_FI_L2	56102	float	
Time_Cosφ L3	TIME_MAX_COS_FI_L3	56104	unsigned long	s
Cosφ L3	MAX_COS_FI_L3	56106	float	
NULL	NULL	56108		
NULL	NULL	56110		
Time_Power-factor L1	TIME_MAX_POWERFACTOR_L1	56112	unsigned long	s
Power-factor L1	MAX_POWERFACTOR_L1	56114	float	
Time_Power-factor L2	TIME_MAX_POWERFACTOR_L2	56116	unsigned long	s
Power-factor L2	MAX_POWERFACTOR_L2	56118	float	
Time_Power-factor L3	TIME_MAX_POWERFACTOR_L3	56120	unsigned long	s
Power-factor L3	MAX_POWERFACTOR_L3	56122	float	
NULL	NULL	56124		
NULL	NULL	56126		
Time_Power-factor L1..L3	TIME_MAX_POWERFACTOR_SUMA_3F	56128	unsigned long	s
Power-factor L1..L3	MAX_POWERFACTOR_SUMA_3F	56130	float	
NULL	NULL	56132		
NULL	NULL	56134		
NULL	NULL	56136		
NULL	NULL	56138		

Maximum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
NULL	NULL	56140		
NULL	NULL	56142		
NULL	NULL	56144		
NULL	NULL	56146		
NULL	NULL	56148		
NULL	NULL	56150		
NULL	NULL	56152		
NULL	NULL	56154		
NULL	NULL	56156		
NULL	NULL	56158		
Time_Frequency	TIME_MAX_FREQUENCY	56160	unsigned long	s
Frequency	MAX_FREQUENCY	56162	float	Hz
NULL	NULL	56164		
NULL	NULL	56166		
NULL	NULL	56168		
NULL	NULL	56170		
NULL	NULL	56172		
NULL	NULL	56174		
Time_Active power L1	TIME_MAX_P_L1	56176	unsigned long	s
Active power L1	MAX_P_L1	56178	float	W
Time_Active power L2	TIME_MAX_P_L2	56180	unsigned long	s
Active power L2	MAX_P_L2	56182	float	W
Time_Active power L3	TIME_MAX_P_L3	56184	unsigned long	s
Active power L3	MAX_P_L3	56186	float	W
NULL	NULL	56188		
NULL	NULL	56190		
Time_Apparent power L1	TIME_MAX_S_L1	56192	unsigned long	s
Apparent power L1	MAX_S_L1	56194	float	VA
Time_Apparent power L2	TIME_MAX_S_L2	56196	unsigned long	s
Apparent power L2	MAX_S_L2	56198	float	VA
Time_Apparent power L3	TIME_MAX_S_L3	56200	unsigned long	s
Apparent power L3	MAX_S_L3	56202	float	VA
NULL	NULL	56204		
NULL	NULL	56206		
Time_Reactive power L1	TIME_MAX_Q_L1	56208	unsigned long	s
Reactive power L1	MAX_Q_L1	56210	float	var
Time_Reactive power L2	TIME_MAX_Q_L2	56212	unsigned long	s
Reactive power L2	MAX_Q_L2	56214	float	var
Time_Reactive power L3	TIME_MAX_Q_L3	56216	unsigned long	s
Reactive power L3	MAX_Q_L3	56218	float	var
NULL	NULL	56220		
NULL	NULL	56222		
Time_Active power L1..L3	TIME_MAX_P_SUMA_3F	56224	unsigned long	s
Active power L1..L3	MAX_P_SUMA_3F	56226	float	W
NULL	NULL	56228		
NULL	NULL	56230		
NULL	NULL	56232		
NULL	NULL	56234		
NULL	NULL	56236		
NULL	NULL	56238		
Time_Apparent power L1..L3	TIME_MAX_S_L1_SUMA_3F	56240	unsigned long	s
Apparent power L1..L3	MAX_S_L1_SUMA_3F	56242	float	VA
NULL	NULL	56244		
NULL	NULL	56246		
NULL	NULL	56248		
NULL	NULL	56250		
NULL	NULL	56252		
NULL	NULL	56254		
Time_Reactive power L1..L3	TIME_MAX_Q_SUMA_3F	56256	unsigned long	s
Reactive power L1..L3	MAX_Q_SUMA_3F	56258	float	var
NULL	NULL	56260		
NULL	NULL	56262		
NULL	NULL	56264		
NULL	NULL	56266		
NULL	NULL	56268		
NULL	NULL	56270		
NULL	NULL	56272		
NULL	NULL	56274		
NULL	NULL	56276		
NULL	NULL	56278		

Maximum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
NULL	NULL	56280		
NULL	NULL	56282		
NULL	NULL	56284		
NULL	NULL	56286		
NULL	NULL	56288		
NULL	NULL	56290		
NULL	NULL	56292		
NULL	NULL	56294		
NULL	NULL	56296		
NULL	NULL	56298		
NULL	NULL	56300		
NULL	NULL	56302		
NULL	NULL	56304		
NULL	NULL	56306		
NULL	NULL	56308		
NULL	NULL	56310		
NULL	NULL	56312		
NULL	NULL	56314		
NULL	NAME	56316		
NULL	NULL	56318		
Time_Under-deviation voltage L1	TIME_MAX_UNDERDEVIATION_LN_L1	56320	unsigned long	s
Under-deviation voltage L1	MAX_UNDERDEVIATION_LN_L1	56322	float	V
Time_Under-deviation voltage L2	TIME_MAX_UNDERDEVIATION_LN_L2	56324	unsigned long	s
Under-deviation voltage L2	MAX_UNDERDEVIATION_LN_L2	56326	float	V
Time_Under-deviation voltage L3	TIME_MAX_UNDERDEVIATION_LN_L3	56328	unsigned long	s
Under-deviation voltage L3	MAX_UNDERDEVIATION_LN_L3	56330	float	V
NULL	NULL	56332		
NULL	NULL	56334		
Time_Over-deviation voltage L1	TIME_MAX_OVERDEVIATION_LN_L1	56336	unsigned long	s
Over-deviation voltage L1	MAX_OVERDEVIATION_LN_L1	56338	float	V
Time_Over-deviation voltage L2	TIME_MAX_OVERDEVIATION_LN_L2	56340	unsigned long	s
Over-deviation voltage L2	MAX_OVERDEVIATION_LN_L2	56342	float	V
Time_Over-deviation voltage L3	TIME_MAX_OVERDEVIATION_LN_L3	56344	unsigned long	s
Over-deviation voltage L3	MAX_OVERDEVIATION_LN_L3	56346	float	V
NULL	NULL	56348		
NULL	NULL	56350		
Time_Under-deviation voltage L1 – L2	TIME_MAX_UNDERDEVIATION_LL_L1-2	56352	unsigned long	s
Under-deviation voltage L1 – L2	MAX_UNDERDEVIATION_LL_L1-2	56354	float	V
Time_Under-deviation voltage L2 – L3	TIME_MAX_UNDERDEVIATION_LL_L2-3	56356	unsigned long	s
Under-deviation voltage L2 – L3	MAX_UNDERDEVIATION_LL_L2-3	56358	float	V
Time_Under-deviation voltage L3 – L1	TIME_MAX_UNDERDEVIATION_LL_L3-1	56360	unsigned long	s
Under-deviation voltage L3 – L1	MAX_UNDERDEVIATION_LL_L3-1	56362	float	V
NULL	NULL	56364		
NULL	NULL	56366		
Time_Over-deviation voltage L1 – L2	TIME_MAX_OVERDEVIATION_LL_L1-2	56368	unsigned long	s
Over-deviation voltage L1 – L2	MAX_OVERDEVIATION_LL_L1-2	56370	float	V
Time_Over-deviation voltage L2 – L3	TIME_MAX_OVERDEVIATION_LL_L2-3	56372	unsigned long	s
Over-deviation voltage L2 – L3	MAX_OVERDEVIATION_LL_L2-3	56374	float	V
Time_Over-deviation voltage L3 – L1	TIME_MAX_OVERDEVIATION_LL_L3-1	56376	unsigned long	s
Over-deviation voltage L3 – L1	MAX_OVERDEVIATION_LL_L3-1	56378	float	V
NULL	NULL	56380		
NULL	NULL	56382		
Time_Unbalance voltage L1	TIME_MAX_UNBALANCE_LN_L1	56384	unsigned long	s
Unbalance voltage L1	MAX_UNBALANCE_LN_L1	56386	float	%
Time_Unbalance voltage L2	TIME_MAX_UNBALANCE_LN_L2	56388	unsigned long	s
Unbalance voltage L2	MAX_UNBALANCE_LN_L2	56390	float	%
Time_Unbalance voltage L3	TIME_MAX_UNBALANCE_LN_L3	56392	unsigned long	s
Unbalance voltage L3	MAX_UNBALANCE_LN_L3	56394	float	%
NULL	NULL	56396		
NULL	NULL	56398		
Time_Unbalance current L1	TIME_MAX_UNBALANCE_I_L1	56400	unsigned long	s
Unbalance current L1	MAX_UNBALANCE_I_L1	56402	float	%
Time_Unbalance current L2	TIME_MAX_UNBALANCE_I_L2	56404	unsigned long	s
Unbalance current L2	MAX_UNBALANCE_I_L2	56406	float	%
Time_Unbalance current L3	TIME_MAX_UNBALANCE_I_L3	56408	unsigned long	s
Unbalance current L3	MAX_UNBALANCE_I_L3	56410	float	%
Time_Unbalance current L4	TIME_MAX_UNBALANCE_I_L4	56412	unsigned long	s
Unbalance current L4	MAX_UNBALANCE_I_L4	56414	float	%
Time_Ripple control L1	TIME_MAX_RIPPLE_CONTROL_L1	56416	unsigned long	s
Ripple control L1	MAX_RIPPLE_CONTROL_L1	56418	float	V

Maximum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Ripple control L2	TIME_MAX_RIPPLE_CONTROL_L2	56420	unsigned long	s
Ripple control L2	MAX_RIPPLE_CONTROL_L2	56422	float	V
Time_Ripple control L3	TIME_MAX_RIPPLE_CONTROL_L3	56424	unsigned long	s
Ripple control L3	MAX_RIPPLE_CONTROL_L3	56426	float	V
NULL	NULL	56428		
NULL	NULL	56430		
Time_Short flicker L1	TIME_MAX_SHORT_FLICKER_L1	56432	unsigned long	s
Short flicker L1	MAX_SHORT_FLICKER_L1	56434	float	
Time_Short flicker L2	TIME_MAX_SHORT_FLICKER_L2	56436	unsigned long	s
Short flicker L2	MAX_SHORT_FLICKER_L2	56438	float	
Time_Short flicker L3	TIME_MAX_SHORT_FLICKER_L3	56440	unsigned long	s
Short flicker L3	MAX_SHORT_FLICKER_L3	56442	float	
NULL	NULL	56444		
NULL	NULL	56446		
Time_Long flicker L1	TIME_MAX_LONG_FLICKER_L1	56448	unsigned long	s
Long flicker L1	MAX_LONG_FLICKER_L1	56450	float	
Time_Long flicker L2	TIME_MAX_LONG_FLICKER_L2	56452	unsigned long	s
Long flicker L2	MAX_LONG_FLICKER_L2	56454	float	
Time_Long flicker L3	TIME_MAX_LONG_FLICKER_L3	56456	unsigned long	s
Long flicker L3	MAX_LONG_FLICKER_L3	56458	float	
NULL	NULL	56460		
NULL	NULL	56462		
Time_Unbalance voltage L1	TIME_MAX_UNBALANCE_LN_L1	56464	unsigned long	s
Unbalance voltage L1	MAX_UNBALANCE_LN_L1	56466	float	%
Time_Unbalance voltage L2	TIME_MAX_UNBALANCE_LN_L2	56468	unsigned long	s
Unbalance voltage L2	MAX_UNBALANCE_LN_L2	56470	float	%
Time_Unbalance voltage L3	TIME_MAX_UNBALANCE_LN_L3	56472	unsigned long	s
Unbalance voltage L3	MAX_UNBALANCE_LN_L3	56474	float	%
NULL	NULL	56476		
NULL	NULL	56478	float	%
Time_Unbalance current L1	TIME_MAX_UNBALANCE_I_L1	56480	unsigned long	s
Unbalance current L1	MAX_UNBALANCE_I_L1	56482	float	%
Time_Unbalance current L2	TIME_MAX_UNBALANCE_I_L2	56484	unsigned long	s
Unbalance current L2	MAX_UNBALANCE_I_L2	56486	float	%
Time_Unbalance current L3	TIME_MAX_UNBALANCE_I_L3	56488	unsigned long	s
Unbalance current L3	MAX_UNBALANCE_I_L3	56490	float	%
NULL	NULL	56492		
NULL	NULL	56494		
Time_Kfactor L1	TIME_MAX_KFACTOR_L1	56496	unsigned long	s
Kfactor L1	MAX_KFACTOR_L1	56498	float	
Time_Kfactor L2	TIME_MAX_KFACTOR_L2	56500	unsigned long	s
Kfactor L2	MAX_KFACTOR_L2	56502	float	
Time_Kfactor L3	TIME_MAX_KFACTOR_L3	56504	unsigned long	s
Kfactor L3	MAX_KFACTOR_L3	56506	float	
NULL	NULL	56508		
NULL	NULL	56510		
Time_Distortion power L1	TIME_MAX_DISTORTION_POWER_L1	56512	unsigned long	s
Distortion power L1	MAX_DISTORTION_POWER_L1	56514	float	VA
Time_Distortion power L2	TIME_MAX_DISTORTION_POWER_L2	56516	unsigned long	s
Distortion power L2	MAX_DISTORTION_POWER_L2	56518	float	VA
Time_Distortion power L3	TIME_MAX_DISTORTION_POWER_L3	56520	unsigned long	s
Distortion power L3	MAX_DISTORTION_POWER_L3	56522	float	VA
NULL	NULL	56524		
NULL	NULL	56526		
Time_Temperature	TIME_MAX_TEMPERATURE	56528	unsigned long	s
Temperature	MAX_TEMPERATURE	56530	float	°C
NULL	NULL	56532		
NULL	NULL	56534		
NULL	NULL	56536		
NULL	NULL	56538		
NULL	NULL	56540		
NULL	NULL	56542		
Time_Angle voltage L1	TIME_ANGLE_VOLTAGE_L1	56544	unsigned long	s
Angle voltage L1	ANGLE_VOLTAGE_L1	56546	float	°
Time_Angle voltage L2	TIME_ANGLE_VOLTAGE_L2	56548	unsigned long	s
Angle voltage L2	ANGLE_VOLTAGE_L2	56550	float	°
Time_Angle voltage L3	TIME_ANGLE_VOLTAGE_L3	56552	unsigned long	s
Angle voltage L3	ANGLE_VOLTAGE_L3	56554	float	°
NULL	NULL	56556		
NULL	NULL	56558		

Maximum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Angle current L1	TIME_ANGLE_CURRENT_L1	56560	unsigned long	s
Angle current L1	ANGLE_CURRENT_L1	56562	float	°
Time_Angle current L2	TIME_ANGLE_CURRENT_L2	56564	unsigned long	s
Angle current L2	ANGLE_CURRENT_L2	56566	float	°
Time_Angle current L3	TIME_ANGLE_CURRENT_L3	56568	unsigned long	s
Angle current L3	ANGLE_CURRENT_L3	56570	float	°
NULL	NULL	56572		
NULL	NULL	56574		
Time_Frequency 200ms	TIME_MAX_FREQUENCY_200MS	56576	unsigned long	s
Frequency 200ms	MAX_FREQUENCY_200MS	56578	float	Hz
NULL	NULL	56580		
NULL	NULL	56582		
NULL	NULL	56584		
NULL	NULL	56586		
NULL	NULL	56588		
NULL	NULL	56590		
Time_Cosφ_mod L1	TIME_MAX_COS_FI_MOD_L1	56592	unsigned long	s
Cosφ_mod L1	MAX_COS_FI_MOD_L1	56594	float	
Time_Cosφ_mod L2	TIME_MAX_COS_FI_MOD_L2	56596	unsigned long	s
Cosφ_mod L2	MAX_COS_FI_MOD_L2	56598	float	
Time_Cosφ_mod L3	TIME_MAX_COS_FI_MOD_L3	56600	unsigned long	s
Cosφ_mod L3	MAX_COS_FI_MOD_L3	56602	float	
NULL	NULL	56604		
NULL	NULL	56606		
Time_Power-factor_mod L1	TIME_MAX_POWERFACTOR_MOD_L1	56608	unsigned long	s
Power-factor_mod L1	MAX_POWERFACTOR_MOD_L1	56610	float	
Time_Power-factor_mod L2	TIME_MAX_POWERFACTOR_MOD_L2	56612	unsigned long	s
Power-factor_mod L2	MAX_POWERFACTOR_MOD_L2	56614	float	
Time_Power-factor_mod L3	TIME_MAX_POWERFACTOR_MOD_L3	56616	unsigned long	s
Power-factor_mod L3	MAX_POWERFACTOR_MOD_L3	56618	float	
NULL	NULL	56620		
NULL	NULL	56622		
Time_Power-factor_mod L1..L3	TIME_MAX_POWERFACTOR_MOD_SUMA_3F	56624	unsigned long	s
Power-factor_mod L1..L3	MAX_POWERFACTOR_MOD_SUMA_3F	56626	float	
NULL	NULL	56628		
NULL	NULL	56630		
NULL	NULL	56632		
NULL	NULL	56634		
NULL	NULL	56636		
NULL	NULL	56638		
NULL	NULL	56640		
NULL	NULL	56642		
NULL	NULL	56644		
NULL	NULL	56646		
NULL	NULL	56648		
NULL	NULL	56650		
NULL	NULL	56652		
NULL	NULL	56654		
Time_Tdd L1	TIME_MAX_TDD_L1	56656	unsigned long	s
Tdd L1	MAX_TDD_L1	56658	float	%
Time_Tdd L2	TIME_MAX_TDD_L2	56660	unsigned long	s
Tdd L2	MAX_TDD_L2	56662	float	%
Time_Tdd L3	TIME_MAX_TDD_L3	56664	unsigned long	s
Tdd L3	MAX_TDD_L3	56666	float	%
Time_Tdd L4	TIME_MAX_TDD_L4	56668	unsigned long	s
Tdd L4	MAX_TDD_L4	56670	float	%

Minimum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Voltage L1	TIME_MIN_U_LN_L1	57000	unsigned long	s
Voltage L1	MIN_U_LN_L1	57002	float	V
Time_Voltage L2	TIME_MIN_U_LN_L2	57004	unsigned long	s
Voltage L2	MIN_U_LN_L2	57006	float	V
Time_Voltage L3	TIME_MIN_U_LN_L3	57008	unsigned long	s
Voltage L3	MIN_U_LN_L3	57010	float	V
NULL	NULL	57012		
NULL	NULL	57014		
Time_Voltage L1 – L2	TIME_MIN_U_LL_L1-2	57016	unsigned long	s
Voltage L1 – L2	MIN_U_LL_L1-2	57018	float	V
Time_Voltage L2 – L3	TIME_MIN_U_LL_L2-3	57020	unsigned long	s
Voltage L2 – L3	MIN_U_LL_L2-3	57022	float	V
Time_Voltage L3 – L1	TIME_MIN_U_LL_L3-1	57024	unsigned long	s
Voltage L3 – L1	MIN_U_LL_L3-1	57026	float	V
NULL	NULL	57028		
NULL	NULL	57030		
Time_Voltage THD L1	TIME_MIN_THDU_LN_L1	57032	unsigned long	s
Voltage THD L1	MIN_THDU_LN_L1	57034	float	%
Time_Voltage THD L2	TIME_MIN_THDU_LN_L2	57036	unsigned long	s
Voltage THD L2	MIN_THDU_LN_L2	57038	float	%
Time_Voltage THD L3	TIME_MIN_THDU_LN_L3	57040	unsigned long	s
Voltage THD L3	MIN_THDU_LN_L3	57042	float	%
NULL	NULL	57044		
NULL	NULL	57046		
Time_Voltage THD L1 – L2	TIME_MIN_THDU_LL_L1-2	57048	unsigned long	s
Voltage THD L1 – L2	MIN_THDU_LL_L1-2	57050	float	%
Time_Voltage THD L2 – L3	TIME_MIN_THDU_LL_L2-3	57052	unsigned long	s
Voltage THD L2 – L3	MIN_THDU_LL_L2-3	57054	float	%
Time_Voltage THD L3 – L1	TIME_MIN_THDU_LL_L3-1	57056	unsigned long	s
Voltage THD L3 – L1	MIN_THDU_LL_L3-1	57058	float	%
NULL	NULL	57060		
NULL	NULL	57062		
Time_Current L1	TIME_MIN_CURRENT_L1	57064	unsigned long	s
Current L1	MIN_CURRENT_L1	57066	float	A
Time_Current L2	TIME_MIN_CURRENT_L2	57068	unsigned long	s
Current L2	MIN_CURRENT_L2	57070	float	A
Time_Current L3	TIME_MIN_CURRENT_L3	57072	unsigned long	s
Current L3	MIN_CURRENT_L3	57074	float	A
Time_Current L4	TIME_MIN_CURRENT_L4	57076	unsigned long	s
Current L4	MIN_CURRENT_L4	57078	float	A
Time_Current THD L1	TIME_MIN_THDI_L1	57080	unsigned long	s
Current THD L1	MIN_THDI_L1	57082	float	%
Time_Current THD L2	TIME_MIN_THDI_L2	57084	unsigned long	s
Current THD L2	MIN_THDI_L2	57086	float	%
Time_Current THD L3	TIME_MIN_THDI_L3	57088	unsigned long	s
Current THD L3	MIN_THDI_L3	57090	float	%
Time_Current THD L4	TIME_MIN_THDI_L4	57092	unsigned long	s
Current THD L4	MIN_THDI_L4	57094	float	%
Time_Cosφ L1	TIME_MIN_COS_FI_L1	57096	unsigned long	s
Cosφ L1	MIN_COS_FI_L1	57098	float	
Time_Cosφ L2	TIME_MIN_COS_FI_L2	57100	unsigned long	s
Cosφ L2	MIN_COS_FI_L2	57102	float	
Time_Cosφ L3	TIME_MIN_COS_FI_L3	57104	unsigned long	s
Cosφ L3	MIN_COS_FI_L3	57106	float	
NULL	NULL	57108		
NULL	NULL	57110		
Time_Power-factor L1	TIME_MIN_POWERFACTOR_L1	57112	unsigned long	s
Power-factor L1	MIN_POWERFACTOR_L1	57114	float	
Time_Power-factor L2	TIME_MIN_POWERFACTOR_L2	57116	unsigned long	s
Power-factor L2	MIN_POWERFACTOR_L2	57118	float	
Time_Power-factor L3	TIME_MIN_POWERFACTOR_L3	57120	unsigned long	s
Power-factor L3	MIN_POWERFACTOR_L3	57122	float	
NULL	NULL	57124		
NULL	NULL	57126		
Time_Power-factor L1..L3	TIME_MIN_POWERFACTOR_SUMA_3F	57128	unsigned long	s
Power-factor L1..L3	MIN_POWERFACTOR_SUMA_3F	57130	float	
NULL	NULL	57132		
NULL	NULL	57134		
NULL	NULL	57136		
NULL	NULL	57138		

Minimum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
NULL	NULL	57140		
NULL	NULL	57142		
NULL	NULL	57144		
NULL	NULL	57146		
NULL	NULL	57148		
NULL	NULL	57150		
NULL	NULL	57152		
NULL	NULL	57154		
NULL	NULL	57156		
NULL	NULL	57158		
Time_Frequency	TIME_MIN_FREQUENCY	57160	unsigned long	s
Frequency	MIN_FREQUENCY	57162	float	Hz
NULL	NULL	57164		
NULL	NULL	57166		
NULL	NULL	57168		
NULL	NULL	57170		
NULL	NULL	57172		
NULL	NULL	57174		
Time_Active power L1	TIME_MIN_P_L1	57176	unsigned long	s
Active power L1	MIN_P_L1	57178	float	W
Time_Active power L2	TIME_MIN_P_L2	57180	unsigned long	s
Active power L2	MIN_P_L2	57182	float	W
Time_Active power L3	TIME_MIN_P_L3	57184	unsigned long	s
Active power L3	MIN_P_L3	57186	float	W
NULL	NULL	57188		
NULL	NULL	57190		
Time_Apparent power L1	TIME_MIN_S_L1	57192	unsigned long	s
Apparent power L1	MIN_S_L1	57194	float	VA
Time_Apparent power L2	TIME_MIN_S_L2	57196	unsigned long	s
Apparent power L2	MIN_S_L2	57198	float	VA
Time_Apparent power L3	TIME_MIN_S_L3	57200	unsigned long	s
Apparent power L3	MIN_S_L3	57202	float	VA
NULL	NULL	57204		
NULL	NULL	57206		
Time_Reactive power L1	TIME_MIN_Q_L1	57208	unsigned long	s
Reactive power L1	MIN_Q_L1	57210	float	var
Time_Reactive power L2	TIME_MIN_Q_L2	57212	unsigned long	s
Reactive power L2	MIN_Q_L2	57214	float	var
Time_Reactive power L3	TIME_MIN_Q_L3	57216	unsigned long	s
Reactive power L3	MIN_Q_L3	57218	float	var
NULL	NULL	57220		
NULL	NULL	57222		
Time_Active power L1..L3	TIME_MIN_P_SUMA_3F	57224	unsigned long	s
Active power L1..L3	MIN_P_SUMA_3F	57226	float	W
NULL	NULL	57228		
NULL	NULL	57230		
NULL	NULL	57232		
NULL	NULL	57234		
NULL	NULL	57236		
NULL	NULL	57238		
Time_Apparent power L1..L3	TIME_MIN_S_L1_SUMA_3F	57240	unsigned long	s
Apparent power L1..L3	MIN_S_L1_SUMA_3F	57242	float	VA
NULL	NULL	57244		
NULL	NULL	57246		
NULL	NULL	57248		
NULL	NULL	57250		
NULL	NULL	57252		
NULL	NULL	57254		
Time_Reactive power L1..L3	TIME_MIN_Q_SUMA_3F	57256	unsigned long	s
Reactive power L1..L3	MIN_Q_SUMA_3F	57258	float	var
NULL	NULL	57260		
NULL	NULL	57262		
NULL	NULL	57264		
NULL	NULL	57266		
NULL	NULL	57268		
NULL	NULL	57270		
NULL	NULL	57272		
NULL	NULL	57274		
NULL	NULL	57276		
NULL	NULL	57278		

Minimum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
NULL	NULL	57280		
NULL	NULL	57282		
NULL	NULL	57284		
NULL	NULL	57286		
NULL	NULL	57288		
NULL	NULL	57290		
NULL	NULL	57292		
NULL	NULL	57294		
NULL	NULL	57296		
NULL	NULL	57298		
NULL	NULL	57300		
NULL	NULL	57302		
NULL	NULL	57304		
NULL	NULL	57306		
NULL	NULL	57308		
NULL	NULL	57310		
NULL	NULL	57312		
NULL	NULL	57314		
NULL	NULL	57316		
NULL	NULL	57318		
Time_Under-deviation voltage L1	TIME_MIN_UNDERDEVIATION_LN_L1	57320	unsigned long	s
Under-deviation voltage L1	MIN_UNDERDEVIATION_LN_L1	57322	float	V
Time_Under-deviation voltage L2	TIME_MIN_UNDERDEVIATION_LN_L2	57324	unsigned long	s
Under-deviation voltage L2	MIN_UNDERDEVIATION_LN_L2	57326	float	V
Time_Under-deviation voltage L3	TIME_MIN_UNDERDEVIATION_LN_L3	57328	unsigned long	s
Under-deviation voltage L3	MIN_UNDERDEVIATION_LN_L3	57330	float	V
NULL	NULL	57332		
NULL	NULL	57334		
Time_Over-deviation voltage L1	TIME_MIN_OVERDEVIATION_LN_L1	57336	unsigned long	s
Over-deviation voltage L1	MIN_OVERDEVIATION_LN_L1	57338	float	V
Time_Over-deviation voltage L2	TIME_MIN_OVERDEVIATION_LN_L2	57340	unsigned long	s
Over-deviation voltage L2	TIME_MIN_OVERDEVIATION_LN_L2	57342	float	V
Time_Over-deviation voltage L3	TIME_MIN_OVERDEVIATION_LN_L3	57344	unsigned long	s
Over-deviation voltage L3	TIME_MIN_OVERDEVIATION_LN_L3	57346	float	V
NULL	NULL	57348		
NULL	NULL	57350		
Time_Under-deviation voltage L1 – L2	TIME_MIN_UNDERDEVIATION_LL_L1-2	57352	unsigned long	s
Under-deviation voltage L1 – L2	MIN_UNDERDEVIATION_LL_L1-2	57354	float	V
Time_Under-deviation voltage L2 – L3	TIME_MIN_UNDERDEVIATION_LL_L2-3	57356	unsigned long	s
Under-deviation voltage L2 – L3	MIN_UNDERDEVIATION_LL_L2-3	57358	float	V
Time_Under-deviation voltage L3 – L1	TIME_MIN_UNDERDEVIATION_LL_L3-1	57360	unsigned long	s
Under-deviation voltage L3 – L1	MIN_UNDERDEVIATION_LL_L3-1	57362	float	V
NULL	NULL	57364		
NULL	NULL	57366		
Time_Over-deviation voltage L1 – L2	TIME_MIN_OVERDEVIATION_LL_L1-2	57368	unsigned long	s
Over-deviation voltage L1 – L2	MIN_OVERDEVIATION_LL_L1-2	57370	float	V
Time_Over-deviation voltage L2 – L3	TIME_MIN_OVERDEVIATION_LL_L2-3	57372	unsigned long	s
Over-deviation voltage L2 – L3	MIN_OVERDEVIATION_LL_L2-3	57374	float	V
Time_Over-deviation voltage L3 – L1	TIME_MIN_OVERDEVIATION_LL_L3-1	57376	unsigned long	s
Over-deviation voltage L3 – L1	MIN_OVERDEVIATION_LL_L3-1	57378	float	V
NULL	NULL	57380		
NULL	NULL	57382		
Time_Unbalance voltage L1	TIME_MIN_UNBALANCE_LN_L1	57384	unsigned long	s
Unbalance voltage L1	MIN_UNBALANCE_LN_L1	57386	float	%
Time_Unbalance voltage L2	TIME_MIN_UNBALANCE_LN_L2	57388	unsigned long	s
Unbalance voltage L2	MIN_UNBALANCE_LN_L2	57390	float	%
Time_Unbalance voltage L3	TIME_MIN_UNBALANCE_LN_L3	57392	unsigned long	s
Unbalance voltage L3	MIN_UNBALANCE_LN_L3	57394	float	%
NULL	NULL	57396		
NULL	NULL	57398		
Time_Unbalance current L1	TIME_MIN_UNBALANCE_I_L1	57400	unsigned long	s
Unbalance current L1	MIN_UNBALANCE_I_L1	57402	float	%
Time_Unbalance current L2	TIME_MIN_UNBALANCE_I_L2	57404	unsigned long	s
Unbalance current L2	MIN_UNBALANCE_I_L2	57406	float	%
Time_Unbalance current L3	TIME_MIN_UNBALANCE_I_L3	57408	unsigned long	s
Unbalance current L3	MIN_UNBALANCE_I_L3	57410	float	%
Time_Unbalance current L4	TIME_MIN_UNBALANCE_I_L4	57412	unsigned long	s
Unbalance current L4	MIN_UNBALANCE_I_L4	57414	float	%
Time_Ripple control L1	TIME_MIN_RIPPLE_CONTROL_L1	57416	unsigned long	s
Ripple control L1	MIN_RIPPLE_CONTROL_L1	57418	float	V

Minimum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Ripple control L2	TIME_MIN_RIPPLE_CONTROL_L2	57420	unsigned long	s
Ripple control L2	MIN_RIPPLE_CONTROL_L2	57422	float	V
Time_Ripple control L3	TIME_MIN_RIPPLE_CONTROL_L3	57424	unsigned long	s
Ripple control L3	MIN_RIPPLE_CONTROL_L3	57426	float	V
NULL	NULL	57428		
NULL	NULL	57430		
Time_Short flicker L1	TIME_MIN_SHORT_FLICKER_L1	57432	unsigned long	s
Short flicker L1	MIN_SHORT_FLICKER_L1	57434	float	
Time_Short flicker L2	TIME_MIN_SHORT_FLICKER_L2	57436	unsigned long	s
Short flicker L2	MIN_SHORT_FLICKER_L2	57438	float	
Time_Short flicker L3	TIME_MIN_SHORT_FLICKER_L3	57440	unsigned long	s
Short flicker L3	MIN_SHORT_FLICKER_L3	57442	float	
NULL	NULL	57444		
NULL	NULL	57446		
Time_Long flicker L1	TIME_MIN_LONG_FLICKER_L1	57448	unsigned long	s
Long flicker L1	MIN_LONG_FLICKER_L1	57450	float	
Time_Long flicker L2	TIME_MIN_LONG_FLICKER_L2	57452	unsigned long	s
Long flicker L2	MIN_LONG_FLICKER_L2	57454	float	
Time_Long flicker L3	TIME_MIN_LONG_FLICKER_L3	57456	unsigned long	s
Long flicker L3	MIN_LONG_FLICKER_L3	57458	float	
NULL	NULL	57460		
NULL	NULL	57462		
Time_Unbalance voltage L1	TIME_MIN_UNBALANCE_LN_L1	57464	unsigned long	s
Unbalance voltage L1	MIN_UNBALANCE_LN_L1	57466	float	%
Time_Unbalance voltage L2	TIME_MIN_UNBALANCE_LN_L2	57468	unsigned long	s
Unbalance voltage L2	MIN_UNBALANCE_LN_L2	57470	float	%
Time_Unbalance voltage L3	TIME_MIN_UNBALANCE_LN_L3	57472	unsigned long	s
Unbalance voltage L3	MIN_UNBALANCE_LN_L3	57474	float	%
NULL	NULL	57476		
NULL	NULL	57478		
Time_Unbalance current L1	TIME_MIN_UNBALANCE_I_L1	57480	unsigned long	s
Unbalance current L1	MIN_UNBALANCE_I_L1	57482	float	%
Time_Unbalance current L2	TIME_MIN_UNBALANCE_I_L2	57484	unsigned long	s
Unbalance current L2	MIN_UNBALANCE_I_L2	57486	float	%
Time_Unbalance current L3	TIME_MIN_UNBALANCE_I_L3	57488	unsigned long	s
Unbalance current L3	MIN_UNBALANCE_I_L3	57490	float	%
Time_Unbalance current L4	TIME_MIN_UNBALANCE_I_L4	57492	unsigned long	s
Unbalance current L4	MIN_UNBALANCE_I_L4	57494	float	%
Time_Kfactor L1	TIME_MIN_KFACTOR_L1	57496	unsigned long	s
Kfactor L1	MIN_KFACTOR_L1	57498	float	
Time_Kfactor L2	TIME_MIN_KFACTOR_L2	57500	unsigned long	s
Kfactor L2	MIN_KFACTOR_L2	57502	float	
Time_Kfactor L3	TIME_MIN_KFACTOR_L3	57504	unsigned long	s
Kfactor L3	MIN_KFACTOR_L3	57506	float	
NULL	NULL	57508		
NULL	NULL	57510		
Time_Distortion power L1	TIME_MIN_DISTORTION_POWER_L1	57512	unsigned long	s
Distortion power L1	MIN_DISTORTION_POWER_L1	57514	float	VA
Time_Distortion power L2	TIME_MIN_DISTORTION_POWER_L2	57516	unsigned long	s
Distortion power L2	MIN_DISTORTION_POWER_L2	57518	float	VA
Time_Distortion power L3	TIME_MIN_DISTORTION_POWER_L3	57520	unsigned long	s
Distortion power L3	MIN_DISTORTION_POWER_L3	57522	float	VA
NULL	NULL	57524		
NULL	NULL	57526		
Time_Temperature	TIME_MIN_TEMPERATURE	57528	unsigned long	s
Temperature	MIN_TEMPERATURE	57530	float	°C
NULL	NULL	57532		
NULL	NULL	57534		
NULL	NULL	57536		
NULL	NULL	57538		
NULL	NULL	57540		
NULL	NULL	57542		
Time_Angle voltage L1	TIME_ANGLE_VOLTAGE_L1	57544	unsigned long	s
Angle voltage L1	ANGLE_VOLTAGE_L1	57546	float	°
Time_Angle voltage L2	TIME_ANGLE_VOLTAGE_L2	57548	unsigned long	s
Angle voltage L2	ANGLE_VOLTAGE_L2	57550	float	°
Time_Angle voltage L3	TIME_ANGLE_VOLTAGE_L3	57552	unsigned long	s
Angle voltage L3	ANGLE_VOLTAGE_L3	57554	float	°
NULL	NULL	57556		
NULL	NULL	57558		

Minimum values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Time_Angle current L1	TIME_ANGLE_CURRENT_L1	57560	unsigned long	s
Angle current L1	ANGLE_CURRENT_L1	57562	float	°
Time_Angle current L2	TIME_ANGLE_CURRENT_L2	57564	unsigned long	s
Angle current L2	ANGLE_CURRENT_L2	57566	float	°
Time_Angle current L3	TIME_ANGLE_CURRENT_L3	57568	unsigned long	s
Angle current L3	ANGLE_CURRENT_L3	57570	float	°
NULL	NULL	57572		
NULL	NULL	57574		
Time_Frequency 200ms	TIME_MIN_FREQUENCY_200MS	57576	unsigned long	s
Frequency 200ms	MIN_FREQUENCY_200MS	57578	float	Hz
NULL	NULL	57580		
NULL	NULL	57582		
NULL	NULL	57584		
NULL	NULL	57586		
NULL	NULL	57588		
NULL	NULL	57590		
Time_Cosφ_mod L1	TIME_MIN_COS_FI_MOD_L1	57592	unsigned long	s
Cosφ_mod L1	MIN_COS_FI_MOD_L1	57594	float	
Time_Cosφ_mod L2	TIME_MIN_COS_FI_MOD_L2	57596	unsigned long	s
Cosφ_mod L2	MIN_COS_FI_MOD_L2	57598	float	
Time_Cosφ_mod L3	TIME_MIN_COS_FI_MOD_L3	57600	unsigned long	s
Cosφ_mod L3	MIN_COS_FI_MOD_L3	57602	float	
NULL	NULL	57604		
NULL	NULL	57606		
Time_Power-factor_mod L1	TIME_MIN_POWERFACTOR_MOD_L1	57608	unsigned long	s
Power-factor_mod L1	MIN_POWERFACTOR_MOD_L1	57610	float	
Time_Power-factor_mod L2	TIME_MIN_POWERFACTOR_MOD_L2	57612	unsigned long	s
Power-factor_mod L2	MIN_POWERFACTOR_MOD_L2	57614	float	
Time_Power-factor_mod L3	TIME_MIN_POWERFACTOR_MOD_L3	57616	unsigned long	s
Power-factor_mod L3	MIN_POWERFACTOR_MOD_L3	57618	float	
NULL	NULL	57620		
NULL	NULL	57622		
Time_Power-factor_mod L1..L3	TIME_MIN_POWERFACTOR_MOD_SUMA_3F	57624	unsigned long	s
Power-factor_mod L1..L3	MIN_POWERFACTOR_MOD_SUMA_3F	57626	float	
NULL	NULL	57628		
NULL	NULL	57630		
NULL	NULL	57632		
NULL	NULL	57634		
NULL	NULL	57636		
NULL	NULL	57638		
NULL	NULL	57640		
NULL	NULL	57642		
NULL	NULL	57644		
NULL	NULL	57646		
NULL	NULL	57648		
NULL	NULL	57650		
NULL	NULL	57652		
NULL	NULL	57654		
Time_Tdd L1	TIME_MIN_TDD_L1	57656	unsigned long	s
Tdd L1	MIN_TDD_L1	57658	float	%
Time_Tdd L2	TIME_MIN_TDD_L2	57660	unsigned long	s
Tdd L2	MIN_TDD_L2	57662	float	%
Time_Tdd L3	TIME_MIN_TDD_L3	57664	unsigned long	s
Tdd L3	MIN_TDD_L3	57666	float	%
Time_Tdd L4	TIME_MIN_TDD_L4	57668	unsigned long	s
Tdd L4	MIN_TDD_L4	57670	float	%

Average values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Voltage L1	AVG_U_LN_L1	58000	float	V
Voltage L2	AVG_U_LN_L2	58002	float	V
Voltage L3	AVG_U_LN_L3	58004	float	V
	NULL	58006		
Voltage L1 – L2	AVG_U_LL_L1-2	58008	float	V
Voltage L2 – L3	AVG_U_LL_L2-3	58010	float	V
Voltage L3 – L1	AVG_U_LL_L3-1	58012	float	V
	NULL	58014		
Voltage THD L1	AVG_THDU_LN_L1	58016	float	%
Voltage THD L2	AVG_THDU_LN_L2	58018	float	%
Voltage THD L3	AVG_THDU_LN_L3	58020	float	%
		58022		
Voltage THD L1 – L2	AVG_THDU_LL_L1-2	58024	float	%
Voltage THD L2 – L3	AVG_THDU_LL_L2-3	58026	float	%
Voltage THD L3 – L1	AVG_THDU_LL_L3-1	58028	float	%
	NULL	58030	float	%
Current L1	AVG_CURRENT_L1	58032	float	A
Current L2	AVG_CURRENT_L2	58034	float	A
Current L3	AVG_CURRENT_L3	58036	float	A
Current L4	AVG_CURRENT_L4	58038	float	A
Current THD L1	AVG_THDI_L1	58040	float	%
Current THD L2	AVG_THDI_L2	58042	float	%
Current THD L3	AVG_THDI_L3	58044	float	%
Current THD L4	AVG_THDI_L4	58046	float	%
Cosφ L1	AVG_COS_FI_L1	58048	float	
Cosφ L2	AVG_COS_FI_L2	58050	float	
Cosφ L3	AVG_COS_FI_L3	58052	float	
	NULL	58054		
Power-factor L1	AVG_POWERFACTOR_L1	58056	float	
Power-factor L2	AVG_POWERFACTOR_L2	58058	float	
Power-factor L3	AVG_POWERFACTOR_L3	58060	float	
	NULL	58062		
Power-factor L1..L3	AVG_POWERFACTOR_SUMA_3F	58064	float	
	NULL	58066		
	NULL	58068		
	NULL	58070		
	NULL	58072		
	NULL	58074		
	NULL	58076		
	NULL	58078		
Frequency	AVG_FREQUENCY	58080	float	Hz
	NULL	58082		
	NULL	58084		
	NULL	58086		
Active power L1	AVG_P_L1	58088	float	W
Active power L2	AVG_P_L2	58090	float	W
Active power L3	AVG_P_L3	58092	float	W
	NULL	58094		
Apparent power L1	AVG_S_L1	58096	float	VA
Apparent power L2	AVG_S_L2	58098	float	VA
Apparent power L3	AVG_S_L3	58100	float	VA
	NULL	58102		
Reactive power L1	AVG_Q_L1	58104	float	var
Reactive power L2	AVG_Q_L2	58106	float	var
Reactive power L3	AVG_Q_L3	58108	float	var
	NULL	58110		
Active power L1..L3	AVG_P_SUMA_3F	58112	float	W
	NULL	58114		
	NULL	58116		
	NULL	58118		
Apparent power L1..L3	AVG_S_L1_SUMA_3F	58120	float	VA
	NULL	58122		
	NULL	58124		
	NULL	58126		
Reactive power L1..L3	AVG_Q_SUMA_3F	58128	float	var
	NULL	58130		
	NULL	58132		
	NULL	58134		
	NULL	58136		

Average values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
	NULL	58138		
	NULL	58140		
	NULL	58142		
	NULL	58144		
	NULL	58146		
	NULL	58148		
	NULL	58150		
	NULL	58152		
	NULL	58154		
	NULL	58156		
	NULL	58158		
Under-deviation voltage L1	AVG_UNDERDEVIATION_LN_L1	58160	float	V
Under-deviation voltage L2	AVG_UNDERDEVIATION_LN_L2	58162	float	V
Under-deviation voltage L3	AVG_UNDERDEVIATION_LN_L3	58164	float	V
	NULL	58166		
Over-deviation voltage L1	AVG_OVERDEVIATION_LN_L1	58168	float	V
Over-deviation voltage L2	AVG_OVERDEVIATION_LN_L2	58170	float	V
Over-deviation voltage L3	AVG_OVERDEVIATION_LN_L3	58172	float	V
	NULL	58174		
Under-deviation voltage L1 – L2	AVG_UNDERDEVIATION_LL_L1-2	58176	float	V
Under-deviation voltage L2 – L3	AVG_UNDERDEVIATION_LL_L2-3	58178	float	V
Under-deviation voltage L3 – L1	AVG_UNDERDEVIATION_LL_L3-1	58180	float	V
	NULL	58182		
Over-deviation voltage L1 – L2	AVG_OVERDEVIATION_LL_L1-2	58184	float	V
Over-deviation voltage L2 – L3	AVG_OVERDEVIATION_LL_L2-3	58186	float	V
Over-deviation voltage L3 – L1	AVG_OVERDEVIATION_LL_L3-1	58188	float	V
	NULL	58190		
Unbalance voltage L1	AVG_UNBALANCE_LN_L1	58192	float	%
Unbalance voltage L2	AVG_UNBALANCE_LN_L2	58194	float	%
Unbalance voltage L3	AVG_UNBALANCE_LN_L3	58196	float	%
	NULL	58198		
Unbalance current L1	AVG_UNBALANCE_I_L1	58200	float	%
Unbalance current L2	AVG_UNBALANCE_I_L2	58202	float	%
Unbalance current L3	AVG_UNBALANCE_I_L3	58204	float	%
Unbalance current L4	AVG_UNBALANCE_I_L4	58206	float	%
Ripple control L1	AVG_RIPPLE_CONTROL_L1	58208	float	V
Ripple control L2	AVG_RIPPLE_CONTROL_L2	58210	float	V
Ripple control L3	AVG_RIPPLE_CONTROL_L3	58212	float	V
	NULL	58214		
Short flicker L1	AVG_SHORT_FLICKER_L1	58216	float	
Short flicker L2	AVG_SHORT_FLICKER_L2	58218	float	
Short flicker L3	AVG_SHORT_FLICKER_L3	58220	float	
	NULL	58222		
Long flicker L1	AVG_LONG_FLICKER_L1	58224	float	
Long flicker L2	AVG_LONG_FLICKER_L2	58226	float	
Long flicker L3	AVG_LONG_FLICKER_L3	58228	float	
	NULL	58230		
Unbalance voltage L1	AVG_UNBALANCE_LN_L1	58232	float	%
Unbalance voltage L2	AVG_UNBALANCE_LN_L2	58234	float	%
Unbalance voltage L3	AVG_UNBALANCE_LN_L3	58236	float	%
	NULL	58238		
Unbalance current L1	AVG_UNBALANCE_I_L1	58240	float	%
Unbalance current L2	AVG_UNBALANCE_I_L2	58242	float	%
Unbalance current L3	AVG_UNBALANCE_I_L3	58244	float	%
Unbalance current L4	AVG_UNBALANCE_I_L4	58246	float	%
Kfactor L1	AVG_KFACTOR_L1	58248	float	
Kfactor L2	AVG_KFACTOR_L2	58250	float	
Kfactor L3	AVG_KFACTOR_L3	58252	float	
	NULL	58254		
Distortion power L1	AVG_DISTORTION_POWER_L1	58256	float	VA
Distortion power L2	AVG_DISTORTION_POWER_L2	58258	float	VA
Distortion power L3	AVG_DISTORTION_POWER_L3	58260	float	VA
	NULL	58262		
Temperature	AVG_TEMPERATURE	58264	float	°C
	NULL	58266	float	
	NULL	58268	float	
	NULL	58270	float	
Angle voltage L1	ANGLE_VOLTAGE_L1	58272	float	°
Angle voltage L2	ANGLE_VOLTAGE_L2	58274	float	°
Angle voltage L3	ANGLE_VOLTAGE_L3	58276	float	°

Average values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
	NULL	58278		
Angle current L1	ANGLE_CURRENT_L1	58280	float	°
Angle current L2	ANGLE_CURRENT_L2	58282	float	°
Angle current L3	ANGLE_CURRENT_L3	58284	float	°
	NULL	58286		
Frequency 200ms	AVG_FREQUENCY_200MS	58288	float	Hz
	NULL	58290		
	NULL	58292		
	NULL	58294		
Cosφ_mod L1	AVG_COS_FI_MOD_L1	58296	float	
Cosφ_mod L2	AVG_COS_FI_MOD_L2	58298	float	
Cosφ_mod L3	AVG_COS_FI_MOD_L3	58300	float	
	NULL	58302		
Power-factor_mod L1	AVG_POWERFACTOR_MOD_L1	58304	float	
Power-factor_mod L2	AVG_POWERFACTOR_MOD_L2	58306	float	
Power-factor_mod L3	AVG_POWERFACTOR_MOD_L3	58308	float	
Power-factor_mod L4	AVG_POWERFACTOR_MOD_L4	58310	float	
Power-factor_mod L1..L3	AVG_POWERFACTOR_MOD_SUMA_3F	58312	float	
	NULL	58314		
	NULL	58316		
	NULL	58318		
	NULL	58320		
	NULL	58322		
	NULL	58324		
	NULL	58326		
Tdd L1	AVG_TDD_L1	58328	float	%
Tdd L2	AVG_TDD_L2	58330	float	%
Tdd L3	AVG_TDD_L3	58332	float	%
Tdd L4	AVG_TDD_L4	58334	float	%

IO, Alarms

Comparators				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Comparator – 1		59000	unsigned short	1 – Alarm, 0 – Ok
Comparator – 2		59001	unsigned short	1 – Alarm, 0 – Ok
Comparator – 3		59002	unsigned short	1 – Alarm, 0 – Ok
Comparator – 4		59003	unsigned short	1 – Alarm, 0 – Ok
Comparator – 5		59004	unsigned short	1 – Alarm, 0 – Ok
Comparator – 6		59005	unsigned short	1 – Alarm, 0 – Ok

Inputs/Outputs				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Input/Output – 1		59006	unsigned long	
Input/Output – 2		59018	unsigned long	

MotoHours				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
MotoHours		60000	unsigned long	seconds

16 (0x10) – Write Multiple Registers

Erase values				
DESCRIPTION	NAME	ADDRESS	TYPE	UNIT
Erase energy		35000	unsigned long	1 – erase
Erase MotoHours		35002	unsigned long	1 – erase