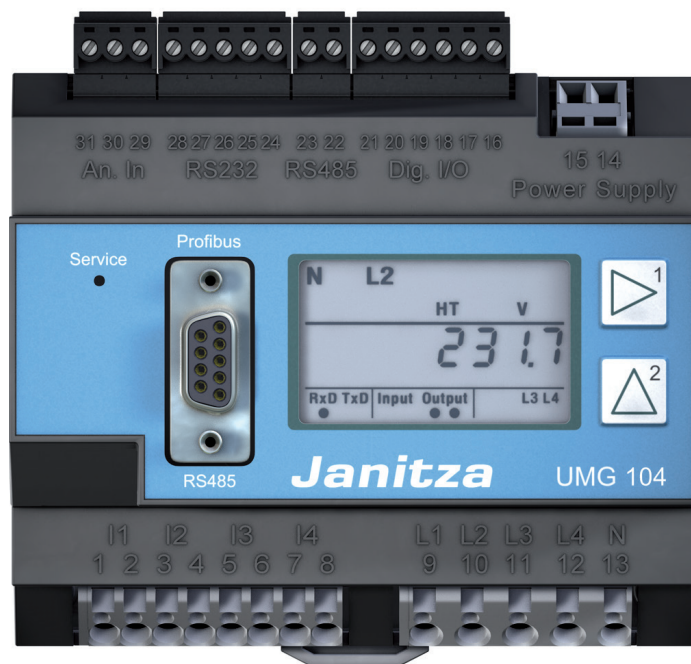


# Power Analyser UMG 104

Modbus-address liste and  
Formulary  
(Firmware 1.268)



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# General

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# Modbus

## Modbus Functions (Slave)

As a slave, the UMG 104 supports the following modbus functions:

### 03 Read Holding Registers

Reads the binary contents of holding registers (4X references) in the slave.

### 04 Read Input Registers

Reads the binary contents of input registers (3X references) in the slave.

### 06 Preset Single Register

Presets a value into a single holding register (4X reference). When broadcast, the function presets the same register reference in all attached slaves.

### 16 (10Hex) Preset Multiple Registers

Presets values into a sequence of holding registers (4X references). When broadcast, the function presets the same register references in all attached slaves.

### 23 (17Hex) Read/Write 4X Registers

Performs a combination of one read and one write operation in a single Modbus transaction. The function can write new contents to a group of 4XXX registers, and then return the contents of another group of 4XXX registers. Broadcast is not supported.

## Transfer parameters

The UMG 104 supports the following transfer parameters:

Baud rate	: 9600, 19200, 38400, 57600 and 11500 Baud
Data bits	: 8
Parity	: none
Stop bits (UMG104)	: 2
Stop bits external	: 1 or 2

## Byte sequence

The data in the modbus address list can be called up in the

- Big-Endian (high-Byte before low-Byte) and in the
- Little-Endian (low-byte before high-byte)

format.

The addresses described in this address list supply the data in the "Big-Endian" format.

If you require the data in the "Little-Endian" format, you must add the value 32768 to the address.

## Update rate

The modbus register addresses are updated every 200ms.

## Number formats

Type	Size	Minimum	Maximum
char	8 bit	0	255
byte	8 bit	-128	127
short	16 bit	$-2^{15}$	$2^{15} - 1$
int	32 bit	$-2^{31}$	$2^{31} - 1$
uint	32 bit	0	$2^{32} - 1$
long64	64 bit	$-2^{63}$	$2^{63} - 1$
float	32 bit	IEEE 754	IEEE 754
double	64 bit	IEEE 754	IEEE 754

## Symbols and definitions

N	Total number of sample points per period (For example, in a period of 20 ms)
k	Sample value or number of samples per period ( $0 \leq k < N$ )
p	Number or identification of the phase conductor ( $p = 1, 2$ oder 3)
$i_{pk}$	Sample value k of the current of the phase conductor p
$u_{pNk}$	Sample value k of the neutral voltage of the phase conductor p
$P_p$	Real power of the phase conductor p

## Explanations of the measured values

### Measured value

A measured value (in the UMG 104) is an effective value which is formed over a period (measuring window) of 200ms.

A measuring window is 10 periods in the 50Hz network and 12 periods in the 60Hz network.

A measuring window has a start time and an end time.

The resolution between the start time and end time is approximately 2ns.

The accuracy of the start time and end time depends on the accuracy of the internal clock. (Typically +/- 1 minute/month)

In order to improve the accuracy of the internal clock, it is recommended that the clock in the device is compared with a time service and reset.

### Mean value of measured value

For each measured value, a sliding mean value is calculated over the selected averaging time.

The mean value is calculated every 200ms.

You can take the possible averaging times from the table.

n	Mean time / seconds
0	5
1	10
2	15
3	30
4	60
5	300
6	480
7	600
8	900

### Max. value of measured value

The *max. value of the measured value* is the largest measured value which has occurred since the last deletion.

### Min. value of measured value

The *min. value of the measured value* is the lowest measured value which has occurred since the last deletion.

### Max. value of mean value

The *max. value of the mean value* is the largest mean value which has occurred since the last deletion.

### Nominal current, voltage, frequency

The limit values for events and transients are set by the nominal value in percentage.

### Nominal current $I_{\text{rated}}$

The  $I_{\text{rated}}$  is the nominal current of the transformers and is required for calculation of the K-factor.

### Peak value negative

Highest negative sampling value from the last 200ms measuring window.

### Peak value positive

Highest positive sampling value from the last 200ms measuring window.

### Crest factor

The crest factor describes the relation between the peak value and effective value of a periodic quantity. It serves as a characteristic value for general description of the curve form of a periodic quantity. The distortion factor is another example of a quantity for characterization of the difference from the pure sinusoidal form.

#### Example

A sinusoidal change voltage with an effective value of 230 V has a peak value of approx. 325 V.

The crest factor is then  $325 \text{ V} / 230 \text{ V} = 1.414$ .

Effective value of the current for phase conductor p

$$I_p = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} i_{pk}^2}$$

Effective value of neutral conductor current

$$I_N = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (i_{1k} + i_{2k} + i_{3k})^2}$$

Effective voltage L-N

$$U_{pN} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} u_{pNk}^2}$$

Effective voltage L-L

$$U_{pg} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{gNk} - u_{pNk})^2}$$

Apparent power for phase conductor

$$S_p = U_{pN} \times I_p$$

Star connection voltage (vectorial)

$$U_{\text{Sternpunktspannung}} = U_{1_{rms}} + U_{2_{rms}} + U_{3_{rms}}$$

Real power for phase conductor

$$P_p = \frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{pNk} \times i_{pk})$$

Total apparent power (vectorial)  $S_V$

$$S_V = \sqrt{P^2 + Q_V^2}$$

Unsigned

Total apparent power (arithmetic)  $S_A$

$$S_A = S_1 + S_2 + S_3$$

Unsigned

## THD

THD (Total Harmonic Distortion) is the distortion factor and provides the relation of the harmonic parts of an oscillation to the mains frequency.

Distortion factor for the voltage

$$THD_U = \frac{1}{|U_{fund}|} \sqrt{\sum_{n=2}^M |U_{n.Harm}|^2}$$

Distortion factor for the current

$$THD_I = \frac{1}{|I_{fund}|} \sqrt{\sum_{n=2}^M |I_{n.Harm}|^2}$$

## ZHD

THD for the interharmonics.

## TDD (I)

TDD Total demand distortion, harmonic current distortion in % of maximum demand load current

$$TDD = \frac{1}{I_L} \sqrt{\sum_{n=2}^M I_n^2} \times 100\%$$

$I_L$  = Maximum demand load current

## Ripple control signal U (EN61000-4-30)

The ripple control signal U is a voltage (200ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3kHz are observed.

## Ripple control signal I

The ripple control signal I is a current (200ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3kHz are observed.

## Positive sequence-negative sequence-zero sequence

The extent of a voltage or current imbalance in a three-phase system is identified using the positive sequence, negative sequence and zero sequence components.

The balance of the rotation current system strived for in normal operation is disturbed by the unsymmetrical loads, errors and equipment.

A three-phase system is called symmetric, when the three phase conductor voltages and currents are the same size and are displaced against each other by 120°. If one or both conditions are not fulfilled, the system is described as unsymmetrical. By calculating the symmetrical components consisting of the positive sequence, negative sequence and zero sequence, the simplified analysis of an imbalanced error is possible in a rotary current system.

Imbalance is a feature of the network quality for the limits specified in international norms (EN 50160 for example).

### Positive sequence

$$U_{Mit} = \frac{1}{3} \left| U_{L1,fund} + U_{L2,fund} \cdot e^{j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{j\frac{4\pi}{3}} \right|$$

### Negative sequence

$$U_{Geg} = \frac{1}{3} \left| U_{L1,fund} + U_{L2,fund} \cdot e^{-j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{-j\frac{4\pi}{3}} \right|$$



## Zero sequence

$$U_{Nullsystem} = \frac{1}{3} |U_{L1,fund} + U_{L2,fund} + U_{L3,fund}|$$

A zero component can only occur if a sum current can flow back through the main conductor.

## Voltage imbalance

$$Unsymmetrie = \frac{U_{Geg}}{U_{Mit}}$$

## Under difference U (EN61000-4-30)

$$U_{unter} = \frac{U_{din} - \sqrt{\frac{\sum_{i=1}^n U_{rms-unter,i}^2}{n}}}{U_{din}} [\%]$$

## Under difference I

$$I_{unter} = \frac{I_{Nennstrom} - \sqrt{\frac{\sum_{i=1}^n I_{rms-unter,i}^2}{n}}}{I_{Nennstrom}} [\%]$$

## K-factor

The K-factor describes the increase of the eddy current losses when loaded with harmonics. For a sinusoidal load on the transformer, the K-factor =1. The larger the K-factor, the heavier a transformer can be loaded with harmonics without overheating.

$$K - Faktor = \frac{1}{I_R^2} \bullet \sum_{h=1}^{\infty} I_h^2 h^2$$

### Power Factor (vectorial) - Lambda

According to DIN 40110, part 1 (May 1994), the power factor (displace factor) Lambda is calculated as follows:  
The P and S for the calculation of Lambda, not only contains the mains frequency part but also all harmonic parts.  
Due to the fact that the apparent power S is unsigned and only the sum is used by the real power, the power factor Lambda is unsigned.

$$PF_V = \frac{P}{\sqrt{P^2 + Q_V^2}}$$

### Power Factor (arithmetic)

$$PF_A = \frac{|P|}{S_A}$$

### Fundamental Power Factor - CosPhi

Only the mains frequency part is used for calculation of the cosphi.

$$PF_1 = \cos(\varphi) = \frac{P_1}{S_1}$$

### CosPhi sign

- = for the supply of real power

+ = for obtaining real power

### Phase angle Phi

$$\varphi = \frac{180 * \operatorname{atan}2(i_{re}, -i_{im}) - \operatorname{atan}2(u_{re}, -u_{im})}{\neq} [\text{grad}]$$

## Reactive power

### Power factor sign

Sign  $Q = +1$  for  $\phi$  in the range  $0^\circ \dots 180^\circ$

Sign  $Q = -1$  for  $\phi$  in the range  $180^\circ \dots 360^\circ$

### Mains frequency power factor

The mains frequency power factor is the power factor of the mains frequency and is calculated using the fourier analysis (FFT). The voltage and current must not be sinusoidal.

### Distortion power factor

The distortion power factor is the power factor of all mains frequencies and is calculated using the fourier analysis (FFT).

$$D = \sqrt{S^2 - P^2 - Q_{fund}^2}$$

### Mains frequency displacement power factor

Calculation of the power factor of mains frequency for displacement of the voltage by  $90^\circ$ .

This process requires a sinusoidal voltage and sinusoidal or non-sinusoidal currents.

Due to the fact that most network voltages are approximately sinusoidal, this simple calculation process provides a sufficient result in many cases.

### Reactive energy per phase

$$E_{r_{L1}} = \int Q_{L1}(t) \cdot \Delta t$$

### Reactive energy per phase, inductive

$$E_{r(ind)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \quad \text{für } Q_{L1}(t) > 0$$

### Reactive energy per phase, capacitive

$$E_{r(cap)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \quad \text{für } Q_{L1}(t) < 0$$

### Reactive energy, sum L1-L3

$$E_{r_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

### Reactive energy, sum L1-L3, inductive

$$E_{r(ind)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t \quad \text{if } (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) > 0$$

### Reactive energy, sum L1-L3, capacitive

$$E_{r(cap)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t \quad \text{if } (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) < 0$$

## Frequently required readings

Address	Format	RD/WR	Designation	Unit	Note
19000	float	RD	_ULN[0]	V	Voltage L1-N
19002	float	RD	_ULN[1]	V	Voltage L2-N
19004	float	RD	_ULN[2]	V	Voltage L3-N
19006	float	RD	_ULL[0]	V	Voltage L1-L2
19008	float	RD	_ULL[1]	V	Voltage L2-L3
19010	float	RD	_ULL[2]	V	Voltage L3-L1
19012	float	RD	_ILN[0]	A	Apparent current, L1
19014	float	RD	_ILN[1]	A	Apparent current, L2
19016	float	RD	_ILN[2]	A	Apparent current, L3
19018	float	RD	_I_SUM3	A	Vector sum; IN=I1+I2+I3
19020	float	RD	_PLN[0]	W	Real power L1
19022	float	RD	_PLN[1]	W	Real power L2
19024	float	RD	_PLN[2]	W	Real power L3
19026	float	RD	_P_SUM3	W	Sum; Psum3=P1+P2+P3
19028	float	RD	_SLN[0]	VA	Apparent power L1
19030	float	RD	_SLN[1]	VA	Apparent power L2
19032	float	RD	_SLN[2]	VA	Apparent power L3
19034	float	RD	_S_SUM3	VA	Sum; Ssum3=S1+S2+S3
19036	float	RD	_QLN[0]	var	Reactive power (mains frequ.) L1
19038	float	RD	_QLN[1]	var	Reactive power (mains frequ.) L2
19040	float	RD	_QLN[2]	var	Reactive power (mains frequ.) L3
19042	float	RD	_Q_SUM3	var	Sum; Qsum3=Q1+Q2+Q3
19044	float	RD	_COS_PHI[0]		Fund.power factor, CosPhi; UL1 IL1
19046	float	RD	_COS_PHI[1]		Fund.power factor, CosPhi; UL2 IL2
19048	float	RD	_COS_PHI[2]		Fund.power factor, CosPhi; UL3 IL3
19050	float	RD	_FREQ	Hz	Measured frequency
19052	float	RD	_PHASE_SEQ		Rotation field; 1=right, 0=none, -1=left
19054	float	RD	_WH[0]	Wh	Real energy L1
19056	float	RD	_WH[1]	Wh	Real energy L2
19058	float	RD	_WH[2]	Wh	Real energy L3
19060	float	RD	_WH_SUML13	Wh	Real energy L1..L3
19062	float	RD	_WH_V[0]	Wh	Real energy L1, consumed
19064	float	RD	_WH_V[1]	Wh	Real energy L2, consumed
19066	float	RD	_WH_V[2]	Wh	Real energy L3, consumed
19068	float	RD	_WH_V_HT_SUML13	Wh	Real energy L1..L3, consumed, rate 1
19070	float	RD	_WH_Z[0]	Wh	Real energy L1, delivered
19072	float	RD	_WH_Z[1]	Wh	Real energy L2, delivered
19074	float	RD	_WH_Z[2]	Wh	Real energy L3, delivered
19076	float	RD	_WH_Z_SUML13	Wh	Real energy L1..L3, delivered
19078	float	RD	_WH_S[0]	VAh	Apparent energy L1
19080	float	RD	_WH_S[1]	VAh	Apparent energy L2
19082	float	RD	_WH_S[2]	VAh	Apparent energy L3
19084	float	RD	_WH_S_SUML13	VAh	Apparent energy L1..L3
19086	float	RD	_QH[0]	varh	Reactive energy L1
19088	float	RD	_QH[1]	varh	Reactive energy L2
19090	float	RD	_QH[2]	varh	Reactive energy L3
19092	float	RD	_QH_SUML13	varh	Reactive energy L1..L3
19094	float	RD	_IQH[0]	varh	Reactive energy, inductive, L1
19096	float	RD	_IQH[1]	varh	Reactive energy, inductive, L2
19098	float	RD	_IQH[2]	varh	Reactive energy, inductive, L3
19100	float	RD	_IQH_SUML13	varh	Reactive energy L1..L3, ind.
19102	float	RD	_CQH[0]	varh	Reactive energy, capacitive, L1
19104	float	RD	_CQH[1]	varh	Reactive energy, capacitive, L2
19106	float	RD	_CQH[2]	varh	Reactive energy, capacitive, L3
19108	float	RD	_CQH_SUML13	varh	Reactive energy L1..L3, cap.
19110	float	RD	_THD_ULN[0]	%	Harmonic, THD,U L1-N
19112	float	RD	_THD_ULN[1]	%	Harmonic, THD,U L2-N
19114	float	RD	_THD_ULN[2]	%	Harmonic, THD,U L3-N
19116	float	RD	_THD_ILN[0]	%	Harmonic, THD,I L1
19118	float	RD	_THD_ILN[1]	%	Harmonic, THD,I L2
19120	float	RD	_THD_ILN[2]	%	Harmonic, THD,I L3

## Date and time

Address	Format	RD/WR	Designation	Unit	Note
0	long64		_REALTIME	2 ns	time (UTC)
4	int	RD	_SYSTIME	sec	time (UTC)
6	short	RD	_DAY		Day (1..31)
7	short	RD	_MONTH		Month (0=Jan, .. 11=Dec)
8	short	RD	_YEAR		year
9	short	RD	_HOUR	h	Hour (1..24)
10	short	RD	_MIN	min	Minute (1..59)
11	short	RD	_SEC	s	Second (1..59)
12	short	RD	_WEEKDAY		Weekday (0=Sun, .. 6=Mon)

## Measured values (200ms measuring window)

Address	Format	RD/WR	Designation	Unit	Note
1293	float	RD	_THD_ULN[0]	%	Harmonic, THD,U L1-N
1295	float	RD	_THD_ULN[1]	%	Harmonic, THD,U L2-N
1297	float	RD	_THD_ULN[2]	%	Harmonic, THD,U L3-N
1299	float	RD	_THD_ULN[3]	%	Harmonic, THD,U L4-N
1301	float	RD	_THD_ILN[0]	%	Harmonic, THD,I1 L
1303	float	RD	_THD_ILN[1]	%	Harmonic, THD,I2 L
1305	float	RD	_THD_ILN[2]	%	Harmonic, THD,I3 L
1307	float	RD	_THD_ILN[3]	%	Harmonic, THD,I4 L
1309	float	RD	_KFACT[0]		K-Factor, L
1311	float	RD	_KFACT[1]		K-Factor, L
1313	float	RD	_KFACT[2]		K-Factor, L
1315	float	RD	_KFACT[3]		K-Factor, L
1317	float	RD	_ULN[0]	V	Voltage L-N
1319	float	RD	_ULN[1]	V	Voltage L-N
1321	float	RD	_ULN[2]	V	Voltage L-N
1323	float	RD	_ULN[3]	V	Voltage L-N
1325	float	RD	_ILN[0]	A	Apparent current, L
1327	float	RD	_ILN[1]	A	Apparent current, L
1329	float	RD	_ILN[2]	A	Apparent current, L
1331	float	RD	_ILN[3]	A	Apparent current, L
1333	float	RD	_PLN[0]	W	Real power L
1335	float	RD	_PLN[1]	W	Real power L
1337	float	RD	_PLN[2]	W	Real power L
1339	float	RD	_PLN[3]	W	Real power L
1341	float	RD	_QLN[0]	var	Reactive power (mains frequ.) L
1343	float	RD	_QLN[1]	var	Reactive power (mains frequ.) L
1345	float	RD	_QLN[2]	var	Reactive power (mains frequ.) L
1347	float	RD	_QLN[3]	var	Reactive power (mains frequ.) L
1349	float	RD	_SLN[0]	VA	Apparent power L
1351	float	RD	_SLN[1]	VA	Apparent power L
1353	float	RD	_SLN[2]	VA	Apparent power L
1355	float	RD	_SLN[3]	VA	Apparent power L
1357	float	RD	_ULL[0]	V	Voltage L1-L2
1359	float	RD	_ULL[1]	V	Voltage L2-L3
1361	float	RD	_ULL[2]	V	Voltage L3-L4
1363	float	RD	_I_SUM3	A	Vector sum; $I_N=I_1+I_2+I_3$
1365	float	RD	_I_SUM	A	Vector sum; $I_1+I_2+I_3+I_4$
1367	float	RD	_S_SUM3	VA	Sum; $S_{sum3}=S_1+S_2+S_3$
1369	float	RD	_P_SUM3	W	Sum; $P_{sum3}=P_1+P_2+P_3$
1371	float	RD	_Q_SUM3	var	Sum; $Q_{sum3}=Q_1+Q_2+Q_3$
1373	float	RD	_COS_SUM3		$P_{sum3}/Q_{sum3}$
1375	float	RD	_S_SUM	VA	$S_1+S_2+S_3+S_4$
1377	float	RD	_P_SUM	W	$P_1+P_2+P_3+P_4$
1379	float	RD	_Q_SUM	var	$Q_1+Q_2+Q_3+Q_4$
1381	float	RD	_COS_SUM		$P_{sum}/Q_{sum}$
1383	float	RD	_ULN_RE[0]	V	Voltage, real part L-N
1385	float	RD	_ULN_RE[1]	V	Voltage, real part L-N
1387	float	RD	_ULN_RE[2]	V	Voltage, real part L-N
1389	float	RD	_ULN_RE[3]	V	Voltage, real part L-N
1391	float	RD	_ULN_IM[0]	V	Voltage, imaginary part L-N
1393	float	RD	_ULN_IM[1]	V	Voltage, imaginary part L-N
1395	float	RD	_ULN_IM[2]	V	Voltage, imaginary part L-N
1397	float	RD	_ULN_IM[3]	V	Voltage, imaginary part L-N
1399	float	RD	_IL_RE[0]	A	Current, real part L
1401	float	RD	_IL_RE[1]	A	Current, real part L
1403	float	RD	_IL_RE[2]	A	Current, real part L
1405	float	RD	_IL_RE[3]	A	Current, real part L
1407	float	RD	_IL_IM[0]	A	Current, imaginary part L
1409	float	RD	_IL_IM[1]	A	Current, imaginary part L
1411	float	RD	_IL_IM[2]	A	Current, imaginary part L
1413	float	RD	_IL_IM[3]	A	Current, imaginary part L
1415	float	RD	_PHASE[0]	°	Phase, UL IL
1417	float	RD	_PHASE[1]	°	Phase, UL IL
1419	float	RD	_PHASE[2]	°	Phase, UL IL
1421	float	RD	_PHASE[3]	°	Phase, UL IL
1423	float	RD	_COS_PHI[0]		Fund.power factor, CosPhi; UL IL
1425	float	RD	_COS_PHI[1]		Fund.power factor, CosPhi; UL IL

Address	Format	RD/WR	Designation	Unit	Note
1427	float	RD	_COS_PHI[2]		Fund.power factor, CosPhi; UL IL
1429	float	RD	_COS_PHI[3]		Fund.power factor, CosPhi; UL IL
1431	float	RD	_IND_CAP[0]		Sign; Q, +1=ind., -1=cap.
1433	float	RD	_IND_CAP[1]		Sign; Q, +1=ind., -1=cap.
1435	float	RD	_IND_CAP[2]		Sign; Q, +1=ind., -1=cap.
1437	float	RD	_IND_CAP[3]		Sign; Q, +1=ind., -1=cap.
1439	float	RD	_FREQ	Hz	Measured frequency
1441	float	RD	_N	V	Voltage, Zero sequence
1443	float	RD	_M	V	Voltage, positive sequence
1445	float	RD	_G	V	Voltage, negative sequence
1447	float	RD	_SYM	%	Voltage, Unsymmetrical
1449	float	RD	_PHASE_SEQ		Rotation field; 1=right, 0=none, -1=left
1451	float	RD	_IN	A	Current, Zero sequence
1453	float	RD	_IM	A	Current, positive sequence
1455	float	RD	_IG	A	Current, negative sequence
1457	float	RD	_S0_POWER[0]	W	Input, measured value
1459	float	RD	_S0_POWER[1]	W	Input, measured value
1461	float	RD	_EXT_TEMPERATUR	°C	Internal temperature

## Mean values (float type)

Address	Format	RD/WR	Designation	Unit	Note
2743	float	RD	_THD_ULN_AVG[0]	%	Average, Harmonics, THD; U L-N
2745	float	RD	_THD_ULN_AVG[1]	%	Average, Harmonics, THD; U L-N
2747	float	RD	_THD_ULN_AVG[2]	%	Average, Harmonics, THD; U L-N
2749	float	RD	_THD_ULN_AVG[3]	%	Average, Harmonics, THD; U L-N
2751	float	RD	_THD_ILN_AVG[0]	%	Average, Harmonics, THD; I L
2753	float	RD	_THD_ILN_AVG[1]	%	Average, Harmonics, THD; I L
2755	float	RD	_THD_ILN_AVG[2]	%	Average, Harmonics, THD; I L
2757	float	RD	_THD_ILN_AVG[3]	%	Average, Harmonics, THD; I L
2759	float	RD	_KFACT_AVG[0]		Average, K-Factor
2761	float	RD	_KFACT_AVG[1]		Average, K-Factor
2763	float	RD	_KFACT_AVG[2]		Average, K-Factor
2765	float	RD	_KFACT_AVG[3]		Average, K-Factor
2767	float	RD	_ULN_AVG[0]	V	Average, U L-N
2769	float	RD	_ULN_AVG[1]	V	Average, U L-N
2771	float	RD	_ULN_AVG[2]	V	Average, U L-N
2773	float	RD	_ULN_AVG[3]	V	Average, U L-N
2775	float	RD	_ILN_AVG[0]	A	Average, I L
2777	float	RD	_ILN_AVG[1]	A	Average, I L
2779	float	RD	_ILN_AVG[2]	A	Average, I L
2781	float	RD	_ILN_AVG[3]	A	Average, I L
2783	float	RD	_PLN_AVG[0]	W	Average, P L
2785	float	RD	_PLN_AVG[1]	W	Average, P L
2787	float	RD	_PLN_AVG[2]	W	Average, P L
2789	float	RD	_PLN_AVG[3]	W	Average, P L
2791	float	RD	_QLN_AVG[0]	var	Average, Q L
2793	float	RD	_QLN_AVG[1]	var	Average, Q L
2795	float	RD	_QLN_AVG[2]	var	Average, Q L
2797	float	RD	_QLN_AVG[3]	var	Average, Q L
2799	float	RD	_SLN_AVG[0]	VA	Average, S L
2801	float	RD	_SLN_AVG[1]	VA	Average, S L
2803	float	RD	_SLN_AVG[2]	VA	Average, S L
2805	float	RD	_SLN_AVG[3]	VA	Average, S L
2807	float	RD	_ULL_AVG[0]	V	Average, U L-L
2809	float	RD	_ULL_AVG[1]	V	Average, U L-L
2811	float	RD	_ULL_AVG[2]	V	Average, U L-L
2813	float	RD	_I_SUM3_AVG	A	Average, $I_N=I_1+I_2+I_3$
2815	float	RD	_I_SUM_AVG	A	Average, $I_{sum}=I_1+I_2+I_3+I_4$
2817	float	RD	_S_SUM3_AVG	VA	Average, $S_{sum3}=S_1+S_2+S_3$
2819	float	RD	_P_SUM3_AVG	W	Average, $P_{sum3}=P_1+P_2+P_3$
2821	float	RD	_Q_SUM3_AVG	var	Average, $Q_{sum3}=Q_1+Q_2+Q_3$
2823	float	RD	_S_SUM_AVG	VA	Average, $S_{sum}=S_1+S_2+S_3+S_4$
2825	float	RD	_P_SUM_AVG	W	Average, $P_{sum}=P_1+P_2+P_3+P_4$
2827	float	RD	_Q_SUM_AVG	var	Average, $Q_{sum}=Q_1+Q_2+Q_3+Q_4$
2829	float	RD	_FREQ_AVG	Hz	Average frequency
2831	float	RD	_N_AVG	V	Average, voltage, zero sequence
2833	float	RD	_M_AVG	V	Average, voltage, positive sequence
2835	float	RD	_G_AVG	V	Average, voltage, negative sequence
2837	float	RD	_SYM_AVG	%	Average, unsymmetrical voltage
2839	float	RD	_IN_AVG	A	Average, current, zero sequence
2841	float	RD	_IM_AVG	A	Average, current, positive sequence
2843	float	RD	_IG_AVG	A	Average, current, negative sequence
2845	float	RD	_SO_POWER_AVG[0]	W	Average, input, measured value
2847	float	RD	_SO_POWER_AVG[1]	W	Average, input, measured value
2849	float	RD	_EXT_TEMPERATUR_AVG	°C	Average, internal temperature



## Minimum values (float type)

Address	Format	RD/WR	Designation	Unit	Note
3171	float	RD/WR	_THD_ULN_MIN[0]	%	Minimum, Harmonics, THD; U L-N
3173	float	RD/WR	_THD_ULN_MIN[1]	%	Minimum, Harmonics, THD; U L-N
3175	float	RD/WR	_THD_ULN_MIN[2]	%	Minimum, Harmonics, THD; U L-N
3177	float	RD/WR	_THD_ULN_MIN[3]	%	Minimum, Harmonics, THD; U L-N
3179	float	RD/WR	_ULN_MIN[0]	V	Minimum, U L-N
3181	float	RD/WR	_ULN_MIN[1]	V	Minimum, U L-N
3183	float	RD/WR	_ULN_MIN[2]	V	Minimum, U L-N
3185	float	RD/WR	_ULN_MIN[3]	V	Minimum, U L-N
3187	float	RD/WR	_ULL_MIN[0]	V	Minimum, U L-L
3189	float	RD/WR	_ULL_MIN[1]	V	Minimum, U L-L
3191	float	RD/WR	_ULL_MIN[2]	V	Minimum, U L-L
3193	float	RD/WR	_FREQ_MIN	Hz	Minimum, frequency
3195	float	RD/WR	_N_MIN	V	Minimum, zero sequence voltage
3197	float	RD/WR	_M_MIN	V	Minimum, positive sequence voltage
3199	float	RD/WR	_G_MIN	V	Minimum, negative sequence voltage
3201	float	RD/WR	_SYM_MIN	%	Minimum, unsymmetrical voltage
3203	float	RD	_EXT_TEMPERATUR_MIN	°C	Minimum, internal temperature

## Maximum values (float type)

Address	Format	RD/WR	Designation	Unit	Note
4485	float	RD/WR	_THD_ULN_MAX[0]	%	Maximum, harmonics, THD; U L-N
4487	float	RD/WR	_THD_ULN_MAX[1]	%	Maximum, harmonics, THD; U L-N
4489	float	RD/WR	_THD_ULN_MAX[2]	%	Maximum, harmonics, THD; U L-N
4491	float	RD/WR	_THD_ULN_MAX[3]	%	Maximum, harmonics, THD; U L-N
4493	float	RD/WR	_THD_ILN_MAX[0]	%	Maximum, harmonics, THD; U L-N
4495	float	RD/WR	_THD_ILN_MAX[1]	%	Maximum, harmonics, THD; U L-N
4497	float	RD/WR	_THD_ILN_MAX[2]	%	Maximum, harmonics, THD; U L-N
4499	float	RD/WR	_THD_ILN_MAX[3]	%	Maximum, harmonics, THD; U L-N
4501	float	RD/WR	_KFACT_MAX[0]		Maximum, K-Factor
4503	float	RD/WR	_KFACT_MAX[1]		Maximum, K-Factor
4505	float	RD/WR	_KFACT_MAX[2]		Maximum, K-Factor
4507	float	RD/WR	_KFACT_MAX[3]		Maximum, K-Factor
4509	float	RD/WR	_ULN_MAX[0]	V	Maximum, U L-N
4511	float	RD/WR	_ULN_MAX[1]	V	Maximum, U L-N
4513	float	RD/WR	_ULN_MAX[2]	V	Maximum, U L-N
4515	float	RD/WR	_ULN_MAX[3]	V	Maximum, U L-N
4517	float	RD/WR	_ILN_MAX[0]	A	Maximum, I L
4519	float	RD/WR	_ILN_MAX[1]	A	Maximum, I L
4521	float	RD/WR	_ILN_MAX[2]	A	Maximum, I L
4523	float	RD/WR	_ILN_MAX[3]	A	Maximum, I L
4525	float	RD/WR	_PLN_MAX[0]	W	Maximum, P L
4527	float	RD/WR	_PLN_MAX[1]	W	Maximum, P L
4529	float	RD/WR	_PLN_MAX[2]	W	Maximum, P L
4531	float	RD/WR	_PLN_MAX[3]	W	Maximum, P L
4533	float	RD/WR	_QLN_MAX[0]	var	Maximum, Q L
4535	float	RD/WR	_QLN_MAX[1]	var	Maximum, Q L
4537	float	RD/WR	_QLN_MAX[2]	var	Maximum, Q L
4539	float	RD/WR	_QLN_MAX[3]	var	Maximum, Q L
4541	float	RD/WR	_SLN_MAX[0]	VA	Maximum, S L
4543	float	RD/WR	_SLN_MAX[1]	VA	Maximum, S L
4545	float	RD/WR	_SLN_MAX[2]	VA	Maximum, S L
4547	float	RD/WR	_SLN_MAX[3]	VA	Maximum, S L
4549	float	RD/WR	_ULL_MAX[0]	V	Maximum, U L-L
4551	float	RD/WR	_ULL_MAX[1]	V	Maximum, U L-L
4553	float	RD/WR	_ULL_MAX[2]	V	Maximum, U L-L
4555	float	RD/WR	_I_SUM3_MAX	A	Maximum, I <sub>N</sub> =I <sub>1</sub> +I <sub>2</sub> +I <sub>3</sub>
4557	float	RD/WR	_I_SUM_MAX	A	Maximum, I <sub>1</sub> +I <sub>2</sub> +I <sub>3</sub> +I <sub>4</sub>
4559	float	RD/WR	_S_SUM3_MAX	VA	Maximum, S <sub>sum3</sub> =S <sub>1</sub> +S <sub>2</sub> +S <sub>3</sub>
4561	float	RD/WR	_P_SUM3_MAX	W	Maximum, P <sub>sum3</sub> =P <sub>1</sub> +P <sub>2</sub> +P <sub>3</sub>
4563	float	RD/WR	_Q_SUM3_MAX	var	Maximum, Q <sub>sum3</sub> =Q <sub>1</sub> +Q <sub>2</sub> +Q <sub>3</sub>
4565	float	RD/WR	_S_SUM_MAX	VA	Maximum, S <sub>sum</sub> =S <sub>1</sub> +S <sub>2</sub> +S <sub>3</sub> +S <sub>4</sub>
4567	float	RD/WR	_P_SUM_MAX	W	Maximum, P <sub>sum</sub> =P <sub>1</sub> +P <sub>2</sub> +P <sub>3</sub> +P <sub>4</sub>
4569	float	RD/WR	_Q_SUM_MAX	var	Maximum, Q <sub>sum</sub> =Q <sub>1</sub> +Q <sub>2</sub> +Q <sub>3</sub> +Q <sub>4</sub>
4571	float	RD/WR	_FREQ_MAX	Hz	Maximum, frequency
4573	float	RD/WR	_N_MAX	V	Maximum, zero sequence voltage
4575	float	RD/WR	_M_MAX	V	Maximum, positive sequence voltage
4577	float	RD/WR	_G_MAX	V	Maximum, negative sequence voltage
4579	float	RD/WR	_SYM_MAX	%	Maximum, unsymmetrical voltage
4581	float	RD/WR	_IN_MAX	A	Maximum, zero sequence current
4583	float	RD/WR	_IM_MAX	A	Maximum, positive sequence current
4585	float	RD/WR	_IG_MAX	A	Maximum, negative sequence current
4587	float	RD	_SO_POWER_MAX[0]	W	Maximum, input, measured value
4589	float	RD	_SO_POWER_MAX[1]	W	Maximum, input, measured value
4591	float	RD	_EXT_TEMPERATUR_MAX	°C	Maximum, internal temperature

## Averaging time

Address	Format	RD/WR	Designation	Unit	Note
5233	short	RD/WR	_THD_ULN_AVG_T[0]	n	Averaging time, harmonics, THD, U L-N
5234	short	RD/WR	_THD_ULN_AVG_T[1]	n	Averaging time, harmonics, THD, U L-N
5235	short	RD/WR	_THD_ULN_AVG_T[2]	n	Averaging time, harmonics, THD, U L-N
5236	short	RD/WR	_THD_ULN_AVG_T[3]	n	Averaging time, harmonics, THD, U L-N
5237	short	RD/WR	_THD_ILN_AVG_T[0]	n	Averaging time, harmonics, THD, I
5238	short	RD/WR	_THD_ILN_AVG_T[1]	n	Averaging time, harmonics, THD, I
5239	short	RD/WR	_THD_ILN_AVG_T[2]	n	Averaging time, harmonics, THD, I
5240	short	RD/WR	_THD_ILN_AVG_T[3]	n	Averaging time, harmonics, THD, I
5241	short	RD/WR	_KFACT_AVG_T[0]	n	Averaging time, K-Factor
5242	short	RD/WR	_KFACT_AVG_T[1]	n	Averaging time, K-Factor
5243	short	RD/WR	_KFACT_AVG_T[2]	n	Averaging time, K-Factor
5244	short	RD/WR	_KFACT_AVG_T[3]	n	Averaging time, K-Factor
5245	short	RD/WR	_ULN_AVG_T[0]	n	Averaging time, U L-N
5246	short	RD/WR	_ULN_AVG_T[1]	n	Averaging time, U L-N
5247	short	RD/WR	_ULN_AVG_T[2]	n	Averaging time, U L-N
5248	short	RD/WR	_ULN_AVG_T[3]	n	Averaging time, U L-N
5249	short	RD/WR	_ILN_AVG_T[0]	n	Averaging time, I L
5250	short	RD/WR	_ILN_AVG_T[1]	n	Averaging time, I L
5251	short	RD/WR	_ILN_AVG_T[2]	n	Averaging time, I L
5252	short	RD/WR	_ILN_AVG_T[3]	n	Averaging time, I L
5253	short	RD/WR	_PLN_AVG_T[0]	n	Averaging time, P L
5254	short	RD/WR	_PLN_AVG_T[1]	n	Averaging time, P L
5255	short	RD/WR	_PLN_AVG_T[2]	n	Averaging time, P L
5256	short	RD/WR	_PLN_AVG_T[3]	n	Averaging time, P L
5257	short	RD/WR	_QLN_AVG_T[0]	n	Averaging time, Q L
5258	short	RD/WR	_QLN_AVG_T[1]	n	Averaging time, Q L
5259	short	RD/WR	_QLN_AVG_T[2]	n	Averaging time, Q L
5260	short	RD/WR	_QLN_AVG_T[3]	n	Averaging time, Q L
5261	short	RD/WR	_SLN_AVG_T[0]	n	Averaging time, S L
5262	short	RD/WR	_SLN_AVG_T[1]	n	Averaging time, S L
5263	short	RD/WR	_SLN_AVG_T[2]	n	Averaging time, S L
5264	short	RD/WR	_SLN_AVG_T[3]	n	Averaging time, S L
5265	short	RD/WR	_ULL_AVG_T[0]	n	Averaging time, U L-L
5266	short	RD/WR	_ULL_AVG_T[1]	n	Averaging time, U L-L
5267	short	RD/WR	_ULL_AVG_T[2]	n	Averaging time, U L-L
5268	short	RD/WR	_I_SUM3_AVG_T	n	Averaging time, $I_N=I_1+I_2+I_3$
5269	short	RD/WR	_I_SUM_AVG_T	n	Averaging time, $I_1+I_2+I_3+I_4$
5270	short	RD/WR	_S_SUM3_AVG_T	n	Averaging time, $S=S_1+S_2+S_3$
5271	short	RD/WR	_P_SUM3_AVG_T	n	Averaging time, $P=P_1+P_2+P_3$
5272	short	RD/WR	_Q_SUM3_AVG_T	n	Averaging time, $Q=Q_1+Q_2+Q_3$
5273	short	RD/WR	_S_SUM_AVG_T	n	Averaging time, $S_1+S_2+S_3+S_4$
5274	short	RD/WR	_P_SUM_AVG_T	n	Averaging time, $P_1+P_2+P_3+P_4$
5275	short	RD/WR	_Q_SUM_AVG_T	n	Averaging time, $Q_1+Q_2+Q_3+Q_4$
5276	short	RD/WR	_FREQ_AVG_T	n	Averaging time, frequency
5277	short	RD/WR	_N_AVG_T	n	Averaging time, zero sequence voltage
5278	short	RD/WR	_M_AVG_T	n	Averaging time, positive sequence voltage
5279	short	RD/WR	_G_AVG_T	n	Averaging time, negative sequence voltage
5280	short	RD/WR	_SYM_AVG_T	n	Averaging time, unsymmetrical voltage
5281	short	RD/WR	_IN_AVG_T	n	Averaging time, zero sequence current
5282	short	RD/WR	_IM_AVG_T	n	Averaging time, positive sequence current
5283	short	RD/WR	_IG_AVG_T	n	Averaging time, negative sequence current
5284	short	RD	_SO_POWER_AVG_T[0]	n	Averaging time, input, measured value
5285	short	RD	_SO_POWER_AVG_T[1]	n	Averaging time, input, measured value
5286	short	RD	_EXT_TEMPERATUR_AVG_T	°C	Averaging time, internal temperature

## Minimum values time stamp

Address	Format	RD/WR	Designation	Unit	Note
5607	uint	RD/WR	_THD_ULN_MIN_T[0]	s	Time of min. val. (UTC), harmonics, THD U L-N
5609	uint	RD/WR	_THD_ULN_MIN_T[1]	s	Time of min. val. (UTC), harmonics, THD U L-N
5611	uint	RD/WR	_THD_ULN_MIN_T[2]	s	Time of min. val. (UTC), harmonics, THD U L-N
5613	uint	RD/WR	_THD_ULN_MIN_T[3]	s	Time of min. val. (UTC), harmonics, THD U L-N
5615	uint	RD/WR	_ULN_MIN_T[0]	s	Time of min. val. (UTC), U L-N
5617	uint	RD/WR	_ULN_MIN_T[1]	s	Time of min. val. (UTC), U L-N
5619	uint	RD/WR	_ULN_MIN_T[2]	s	Time of min. val. (UTC), U L-N
5621	uint	RD/WR	_ULN_MIN_T[3]	s	Time of min. val. (UTC), U L-N
5623	uint	RD/WR	_ULL_MIN_T[0]	s	Time of min. val. (UTC), U L-L
5625	uint	RD/WR	_ULL_MIN_T[1]	s	Time of min. val. (UTC), U L-L
5627	uint	RD/WR	_ULL_MIN_T[2]	s	Time of min. val. (UTC), U L-L
5629	uint	RD/WR	_FREQ_MIN_T	s	Time of min. val. (UTC), frequency
5631	uint	RD/WR	_N_MIN_T	s	Time of min. val. (UTC), zero sequence voltage
5633	uint	RD/WR	_M_MIN_T	s	Time of min. val. (UTC), zero positive voltage
5635	uint	RD/WR	_G_MIN_T	s	Time of min. val. (UTC), zero negative voltage
5637	uint	RD/WR	_SYM_MIN_T	s	Time of min. val. (UTC), input, measured value
5639	uint	RD	_EXT_TEMPERATUR_MIN_T	s	Time of min. val. (UTC), internal temperature

## Maximum values time stamp

Address	Format	RD/WR	Designation	Unit	Note
6921	uint	RD/WR	_THD_ULN_MAX_T[0]	s	Time of max. value (UTC), harmonics, THD U L-N
6923	uint	RD/WR	_THD_ULN_MAX_T[1]	s	Time of max. value (UTC), harmonics, THD U L-N
6925	uint	RD/WR	_THD_ULN_MAX_T[2]	s	Time of max. value (UTC), harmonics, THD U L-N
6927	uint	RD/WR	_THD_ULN_MAX_T[3]	s	Time of max. value (UTC), harmonics, THD U L-N
6929	uint	RD/WR	_THD_ILN_MAX_T[0]	s	Time of max. value (UTC), harmonics, THD I L
6931	uint	RD/WR	_THD_ILN_MAX_T[1]	s	Time of max. value (UTC), harmonics, THD I L
6933	uint	RD/WR	_THD_ILN_MAX_T[2]	s	Time of max. value (UTC), harmonics, THD I L
6935	uint	RD/WR	_THD_ILN_MAX_T[3]	s	Time of max. value (UTC), harmonics, THD I L
6937	uint	RD/WR	_KFACT_MAX_T[0]	s	Time of max. value (UTC), K-Factor
6939	uint	RD/WR	_KFACT_MAX_T[1]	s	Time of max. value (UTC), K-Factor
6941	uint	RD/WR	_KFACT_MAX_T[2]	s	Time of max. value (UTC), K-Factor
6943	uint	RD/WR	_KFACT_MAX_T[3]	s	Time of max. value (UTC), K-Factor
6945	uint	RD/WR	_ULN_MAX_T[0]	s	Time of max. value (UTC), U L-N
6947	uint	RD/WR	_ULN_MAX_T[1]	s	Time of max. value (UTC), U L-N
6949	uint	RD/WR	_ULN_MAX_T[2]	s	Time of max. value (UTC), U L-N
6951	uint	RD/WR	_ULN_MAX_T[3]	s	Time of max. value (UTC), U L-N
6953	uint	RD/WR	_ILN_MAX_T[0]	s	Time of max. value (UTC), I
6955	uint	RD/WR	_ILN_MAX_T[1]	s	Time of max. value (UTC), I
6957	uint	RD/WR	_ILN_MAX_T[2]	s	Time of max. value (UTC), I
6959	uint	RD/WR	_ILN_MAX_T[3]	s	Time of max. value (UTC), I
6961	uint	RD/WR	_PLN_MAX_T[0]	s	Time of max. value (UTC), P
6963	uint	RD/WR	_PLN_MAX_T[1]	s	Time of max. value (UTC), P
6965	uint	RD/WR	_PLN_MAX_T[2]	s	Time of max. value (UTC), P
6967	uint	RD/WR	_PLN_MAX_T[3]	s	Time of max. value (UTC), P
6969	uint	RD/WR	_QLN_MAX_T[0]	s	Time of max. value (UTC), Q
6971	uint	RD/WR	_QLN_MAX_T[1]	s	Time of max. value (UTC), Q
6973	uint	RD/WR	_QLN_MAX_T[2]	s	Time of max. value (UTC), Q
6975	uint	RD/WR	_QLN_MAX_T[3]	s	Time of max. value (UTC), Q
6977	uint	RD/WR	_SLN_MAX_T[0]	s	Time of max. value (UTC), S
6979	uint	RD/WR	_SLN_MAX_T[1]	s	Time of max. value (UTC), S
6981	uint	RD/WR	_SLN_MAX_T[2]	s	Time of max. value (UTC), S
6983	uint	RD/WR	_SLN_MAX_T[3]	s	Time of max. value (UTC), S
6985	uint	RD/WR	_ULL_MAX_T[0]	s	Time of max. value (UTC), U L-L
6987	uint	RD/WR	_ULL_MAX_T[1]	s	Time of max. value (UTC), U L-L
6989	uint	RD/WR	_ULL_MAX_T[2]	s	Time of max. value (UTC), U L-L
6991	uint	RD/WR	_I_SUM3_MAX_T	s	Time of max. value (UTC), $I_N=I_1+I_2+I_3$
6993	uint	RD/WR	_I_SUM_MAX_T	s	Time of max. value (UTC), $I_1+I_2+I_3+I_4$
6995	uint	RD/WR	_S_SUM3_MAX_T	s	Time of max. value (UTC), $S_1+S_2+S_3$
6997	uint	RD/WR	_P_SUM3_MAX_T	s	Time of max. value (UTC), $P_1+P_2+P_3$
6999	uint	RD/WR	_Q_SUM3_MAX_T	s	Time of max. value (UTC), $Q_1+Q_2+Q_3$
7001	uint	RD/WR	_S_SUM_MAX_T	s	Time of max. value (UTC), $S_1+S_2+S_3+S_4$
7003	uint	RD/WR	_P_SUM_MAX_T	s	Time of max. value (UTC), $P_1+P_2+P_3+P_4$
7005	uint	RD/WR	_Q_SUM_MAX_T	s	Time of max. value (UTC), $Q_1+Q_2+Q_3+Q_4$
7007	uint	RD/WR	_FREQ_MAX_T	s	Time of max. value (UTC), Frequency
7009	uint	RD/WR	_N_MAX_T	s	Time of max. val. (UTC), zero sequence voltage
7011	uint	RD/WR	_M_MAX_T	s	Time of max. val. (UTC), zero positiv voltage
7013	uint	RD/WR	_G_MAX_T	s	Time of max. val. (UTC), zero negative voltage
7015	uint	RD/WR	_SYM_MAX_T	s	Time of max. val. (UTC), unsymmetrical voltage
7017	uint	RD/WR	_IN_MAX_T	s	Time of max. val. (UTC), zero sequence current
7019	uint	RD/WR	_IM_MAX_T	s	Time of max. val. (UTC), zero positiv current
7021	uint	RD/WR	_IG_MAX_T	s	Time of max. val. (UTC), zero negative current
7023	uint	RD	_SO_POWER_MAX_T[0]	s	Time of max. val. (UTC), input, measured value
7025	uint	RD	_SO_POWER_MAX_T[1]	s	Time of max. val. (UTC), input, measured value
7027	uint	RD	_EXT_TEMPERATUR_MAX_T	s	Time of max. val.(UTC), internal temperature

## Maximum values of mean values (float type)

Address	Format	RD/WR	Designation	Unit	Note
8309	float	RD/WR	_THD_ULN_AVG_MAX[0]	%	Max. values of average val., THD U L-N
8311	float	RD/WR	_THD_ULN_AVG_MAX[1]	%	Max. values of average val., THD U L-N
8313	float	RD/WR	_THD_ULN_AVG_MAX[2]	%	Max. values of average val., THD U L-N
8315	float	RD/WR	_THD_ULN_AVG_MAX[3]	%	Max. values of average val., THD U L-N
8317	float	RD/WR	_THD_ILN_AVG_MAX[0]	%	Max. values of average val., THD I L
8319	float	RD/WR	_THD_ILN_AVG_MAX[1]	%	Max. values of average val., THD I L
8321	float	RD/WR	_THD_ILN_AVG_MAX[2]	%	Max. values of average val., THD I L
8323	float	RD/WR	_THD_ILN_AVG_MAX[3]	%	Max. values of average val., THD I L
8325	float	RD/WR	_KFACT_AVG_MAX[0]		Max. values of average val., K-Factor
8327	float	RD/WR	_KFACT_AVG_MAX[1]		Max. values of average val., K-Factor
8329	float	RD/WR	_KFACT_AVG_MAX[2]		Max. values of average val., K-Factor
8331	float	RD/WR	_KFACT_AVG_MAX[3]		Max. values of average val., K-Factor
8333	float	RD/WR	_ULN_AVG_MAX[0]	V	Max. values of average val., U L-N
8335	float	RD/WR	_ULN_AVG_MAX[1]	V	Max. values of average val., U L-N
8337	float	RD/WR	_ULN_AVG_MAX[2]	V	Max. values of average val., U L-N
8339	float	RD/WR	_ULN_AVG_MAX[3]	V	Max. values of average val., U L-N
8341	float	RD/WR	_ILN_AVG_MAX[0]	A	Max. values of average val., I
8343	float	RD/WR	_ILN_AVG_MAX[1]	A	Max. values of average val., I
8345	float	RD/WR	_ILN_AVG_MAX[2]	A	Max. values of average val., I
8347	float	RD/WR	_ILN_AVG_MAX[3]	A	Max. values of average val., I
8349	float	RD/WR	_PLN_AVG_MAX[0]	W	Max. values of average val., P
8351	float	RD/WR	_PLN_AVG_MAX[1]	W	Max. values of average val., P
8353	float	RD/WR	_PLN_AVG_MAX[2]	W	Max. values of average val., P
8355	float	RD/WR	_PLN_AVG_MAX[3]	W	Max. values of average val., P
8357	float	RD/WR	_QLN_AVG_MAX[0]	var	Max. values of average val., Q
8359	float	RD/WR	_QLN_AVG_MAX[1]	var	Max. values of average val., Q
8361	float	RD/WR	_QLN_AVG_MAX[2]	var	Max. values of average val., Q
8363	float	RD/WR	_QLN_AVG_MAX[3]	var	Max. values of average val., Q
8365	float	RD/WR	_SLN_AVG_MAX[0]	VA	Max. values of average val., S
8367	float	RD/WR	_SLN_AVG_MAX[1]	VA	Max. values of average val., S
8369	float	RD/WR	_SLN_AVG_MAX[2]	VA	Max. values of average val., S
8371	float	RD/WR	_SLN_AVG_MAX[3]	VA	Max. values of average val., S
8373	float	RD/WR	_ULL_AVG_MAX[0]	V	Max. values of average val., U L-L
8375	float	RD/WR	_ULL_AVG_MAX[1]	V	Max. values of average val., U L-L
8377	float	RD/WR	_ULL_AVG_MAX[2]	V	Max. values of average val., U L-L
8379	float	RD/WR	_I_SUM3_AVG_MAX	A	Max. values of average val., $I_N=I_1+I_2+I_3$
8381	float	RD/WR	_I_SUM_AVG_MAX	A	Max. values of average val., $I_1+I_2+I_3+I_4$
8383	float	RD/WR	_S_SUM3_AVG_MAX	VA	Max. values of average val., $S=S_1+S_2+S_3$
8385	float	RD/WR	_P_SUM3_AVG_MAX	W	Max. values of average val., $P=P_1+P_2+P_3$
8387	float	RD/WR	_Q_SUM3_AVG_MAX	var	Max. values of average val., $Q=Q_1+Q_2+Q_3$
8389	float	RD/WR	_S_SUM_AVG_MAX	VA	Max. values of average val., $S=S_1+S_2+S_3$
8391	float	RD/WR	_P_SUM_AVG_MAX	W	Max. values of average val., $P=P_1+P_2+P_3$
8393	float	RD/WR	_Q_SUM_AVG_MAX	var	Max. values of average val., $Q=Q_1+Q_2+Q_3$
8395	float	RD/WR	_FREQ_AVG_MAX	Hz	Max. values of average val., frequency
8397	float	RD/WR	_N_AVG_MAX	V	Max. values of average val., zero sequence voltage
8399	float	RD/WR	_M_AVG_MAX	V	Max. values of average val., zero positiv voltage
8401	float	RD/WR	_G_AVG_MAX	V	Max. values of average val., zero negative voltage
8403	float	RD/WR	_SYM_AVG_MAX	%	Max. values of average val., unsymmetrical voltage
8405	float	RD/WR	_IN_AVG_MAX	A	Max. values of average val., zero sequence current
8407	float	RD/WR	_IM_AVG_MAX	A	Max. values of average val., zero positiv current
8409	float	RD/WR	_IG_AVG_MAX	A	Max. values of average val., zero negative current
8411	float	RD	_SO_POWER_AVG_MAX[0]	W	Max. val. of average val., input, measured value
8413	float	RD	_SO_POWER_AVG_MAX[1]	W	Max. val. of average val., input, measured value
8415	float	RD	_EXT_TEMPERATUR_AVG_MAX	°C	Max. val. of average val., internal temperature



## Maximum values of mean values, time stamp

Address	Format	RD/WR	Designation	Unit	Note
9697	uint	RD/WR	_THD_ULN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), THD U
9699	uint	RD/WR	_THD_ULN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), THD U
9701	uint	RD/WR	_THD_ULN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), THD U
9703	uint	RD/WR	_THD_ULN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), THD U
9705	uint	RD/WR	_THD_ILN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), THD I
9707	uint	RD/WR	_THD_ILN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), THD I
9709	uint	RD/WR	_THD_ILN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), THD I
9711	uint	RD/WR	_THD_ILN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), THD I
9713	uint	RD/WR	_KFACT_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), K-Factor
9715	uint	RD/WR	_KFACT_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), K-Factor
9717	uint	RD/WR	_KFACT_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), K-Factor
9719	uint	RD/WR	_KFACT_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), K-Factor
9721	uint	RD/WR	_ULN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), U L-N
9723	uint	RD/WR	_ULN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), U L-N
9725	uint	RD/WR	_ULN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), U L-N
9727	uint	RD/WR	_ULN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), U L-N
9729	uint	RD/WR	_ILN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), I
9731	uint	RD/WR	_ILN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), I
9733	uint	RD/WR	_ILN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), I
9735	uint	RD/WR	_ILN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), I
9737	uint	RD/WR	_PLN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), P
9739	uint	RD/WR	_PLN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), P
9741	uint	RD/WR	_PLN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), P
9743	uint	RD/WR	_PLN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), P
9745	uint	RD/WR	_QLN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), Q
9747	uint	RD/WR	_QLN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), Q
9749	uint	RD/WR	_QLN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), Q
9751	uint	RD/WR	_QLN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), Q
9753	uint	RD/WR	_SLN_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), S
9755	uint	RD/WR	_SLN_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), S
9757	uint	RD/WR	_SLN_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), S
9759	uint	RD/WR	_SLN_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), S
9761	uint	RD/WR	_ULL_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), U L-L
9763	uint	RD/WR	_ULL_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), U L-L
9765	uint	RD/WR	_ULL_AVG_MAX_T[2]	s	Time of max. val. of aver. val.(UTC), U L-L
9767	uint	RD/WR	_I_SUM3_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $I_N=I_1+I_2+I_3$
9769	uint	RD/WR	_I_SUM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $I_1+I_2+I_3+I_4$
9771	uint	RD/WR	_S_SUM3_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $S_1+S_2+S_3$
9773	uint	RD/WR	_P_SUM3_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $P=P_1+P_2+P_3$
9775	uint	RD/WR	_Q_SUM3_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $Q_1+Q_2+Q_3$
9777	uint	RD/WR	_S_SUM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $S_1+S_2+S_3+S_4$
9779	uint	RD/WR	_P_SUM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $P_1+P_2+P_3+P_4$
9781	uint	RD/WR	_Q_SUM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $Q_1+Q_2+Q_3+Q_4$
9783	uint	RD/WR	_FREQ_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), frequency
9785	uint	RD/WR	_N_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), $I_1+I_2+I_3+I_4$
9787	uint	RD/WR	_M_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero sequence voltage
9789	uint	RD/WR	_G_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero positiv voltage
9791	uint	RD/WR	_SYM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero negative voltage
9793	uint	RD/WR	_IN_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero sequence voltage
9795	uint	RD/WR	_IM_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero positiv voltage
9797	uint	RD/WR	_IG_AVG_MAX_T	s	Time of max. val. of aver. val.(UTC), zero negative voltage
9799	uint	RD	_SO_POWER_AVG_MAX_T[0]	s	Time of max. val. of aver. val.(UTC), input, measured value
9801	uint	RD	_SO_POWER_AVG_MAX_T[1]	s	Time of max. val. of aver. val.(UTC), input, measured value
9803	uint	RD	_EXT_TEMPERATUR_AVG_MAX_Ts	s	Time of max. val. of aver. val.(UTC), internal temperature



## Other values

Address	Format	RD/WR	Designation	Unit	Note
9971	float	RD	_SPU012	V	Star connection voltage
9973	short	RD/WR	_DIGOUT_STAT[0]	n	Status digital output, 0=not active, 1=active
9974	short	RD/WR	_DIGOUT_STAT[1]	n	Status digital output, 0=not active, 1=active
9975	short	RD	_DIGIN_STAT[0]	n	Status digital input, 0=not active, 1=active
9976	short	RD	_DIGIN_STAT[1]	n	Status digital input, 0=not active, 1=active
9985	uint	RD/WR	_RX232_COUNT		Error counter, receive RS232
9987	uint	RD/WR	_TX232_COUNT		Error counter, send RS232
9989	uint	RD/WR	_ERR232_COUNT		Error counter, RS232
9991	uint	RD/WR	_RX485_COUNT		Error counter, receive RS485
9993	uint	RD/WR	_TX485_COUNT		Error counter, send RS485
9995	uint	RD/WR	_ERR485_COUNT		Error counter, RS485
10032	float	RD/WR	_CTPRIM[0]	A	L1, L2, L3; Current transf., primary
10034	float	RD/WR	_CTPRIM[1]	A	L1, L2, L3; Current transf., primary
10036	float	RD/WR	_CTPRIM[2]	A	L1, L2, L3; Current transf., primary
10038	float	RD/WR	_CTPRIM[3]	A	L1, L2, L3; Current transf., primary
10040	float	RD/WR	_CTSEC[0]	A	L1, L2, L3; Current transf., secondary
10042	float	RD/WR	_CTSEC[1]	A	L1, L2, L3; Current transf., secondary
10044	float	RD/WR	_CTSEC[2]	A	L1, L2, L3; Current transf., secondary
10046	float	RD/WR	_CTSEC[3]	A	L1, L2, L3; Current transf., secondary
10048	float	RD/WR	_VTPRIM[0]	V	L1, L2, L3; Voltage transf., primary
10050	float	RD/WR	_VTPRIM[1]	V	L1, L2, L3; Voltage transf., primary
10052	float	RD/WR	_VTPRIM[2]	V	L1, L2, L3; Voltage transf., primary
10054	float	RD/WR	_VTPRIM[3]	V	L1, L2, L3; Voltage transf., primary
10056	float	RD/WR	_VTSEC[0]	V	L1, L2, L3; Voltage transf., secondary
10058	float	RD/WR	_VTSEC[1]	V	L1, L2, L3; Voltage transf., secondary
10060	float	RD/WR	_VTSEC[2]	V	L1, L2, L3; Voltage transf., secondary
10062	float	RD/WR	_VTSEC[3]	V	L1, L2, L3; Voltage transf., secondary
10064	float	RD/WR	_IRATED[0]	A	Nominal current transformer; L1, L2, L3
10066	float	RD/WR	_IRATED[1]	A	Nominal current transformer; L1, L2, L3
10068	float	RD/WR	_IRATED[2]	A	Nominal current transformer; L1, L2, L3
10070	float	RD/WR	_IRATED[3]	A	Nominal current transformer; L1, L2, L3
10180	int	RD/WR	_MBUSADDR		RS485, Modbus address
10182	int	RD/WR	_MODE485		RS485, Modbus mode
10184	int	RD/WR	_BAUD485		RS485, baudrate
10186	int	RD/WR	_BAUD232		RS232, Modbus mode
10188	int	RD/WR	_MODE232		RS232, baudrate
10190	uint	RD/WR	_IP_ADDR		Network address
10192	uint	RD/WR	_IP_MASK		Network Mask
10194	uint	RD/WR	_IP_GATE		Gateway address
10196	int	RD/WR	_DHCPMODE		1=DHCP on, 0=DHCP off
10198	int	RD/WR	_CONTRAST		Contrast
10200	int	RD/WR	_THERMOELEMENT		Thermoelement
10202	int	RD/WR	_KEY1		Status, button 1
10204	int	RD/WR	_KEY2		Status, button 2
10206	int	RD/WR	_KEY3		Status, button 3
10210	int	RD/WR	_TIME_ZONE	s	Time zone
10212	int	RD/WR	_STIME	s	Period of summer/winter switchover
10214	short	RD/WR	_SDAY		Start day of summer/winter switchover (spring)
10215	short	RD/WR	_SHOUR	h	Start hour of summer/winter switchover (spring)
10216	short	RD/WR	_SMON		Start month of summer/winter switchover (spring)
10217	short	RD/WR	_SMIN	min	Start minute of summer/winter switchover (spring)
10218	short	RD/WR	_SDOW		Summer/winter switchover (spring)
10219	short	RD/WR	_EDAY		Start day of summer/winter switchover (autumn)
10220	short	RD/WR	_EHOURL	h	Start hour of summer/winter switchover (autumn)
10221	short	RD/WR	_EMON		Start month of summer/winter switchover (autumn)
10222	short	RD/WR	_EMIN	min	Start minute of summer/winter switchover (autumn)
10223	short	RD/WR	_EDOW		Summer/winter switchover (autumn)

Address	Format	RD/WR	Designation	Unit	Note
10232	float	RD/WR	_NOMINAL_U[0]	V	Nominal voltage
10234	float	RD/WR	_NOMINAL_U[1]	V	Nominal voltage
10236	float	RD/WR	_NOMINAL_U[2]	V	Nominal voltage
10238	float	RD/WR	_NOMINAL_U[3]	V	Nominal voltage
10240	float	RD/WR	_NOMINAL_I[0]	A	Nominal current
10242	float	RD/WR	_NOMINAL_I[1]	A	Nominal current
10244	float	RD/WR	_NOMINAL_I[2]	A	Nominal current
10246	float	RD/WR	_NOMINAL_I[3]	A	Nominal current
10248	float	RD/WR	_NOMINAL_F	Hz	Nominal frequency
9999	short	RD	_INIT_MAX		
10176	uint	RD	_SERNR		Serial number
10302	short	RD	_ARON	n	
10303	short	RD	_DREILEITER	n	
10408	float	RD	_PULSWERT[0]	Wh/n	Pulse value for input 1
10410	float	RD	_PULSWERT[1]	Wh/n	Pulse value for input 2
10434	short	RD	_INVERT_DIGOUT[0]	bool	Only for internal use
10435	short	RD	_INVERT_DIGOUT[1]	bool	Only for internal use
12411	float	RD	_TEMPERATUR_OFFSET	°C	
13437	string	RD	_RELEASE		Software release, lenght 16
14838	short	RD	_COMP_OUT1[0]		Comparator 0, Out 1
14839	short	RD	_COMP_OUT1[1]		Comparator 1, Out 1
14840	short	RD	_COMP_OUT1[2]		Comparator 2, Out 1
14841	short	RD	_COMP_OUT1[3]		Comparator 3, Out 1
14842	short	RD	_COMP_OUT1[4]		Comparator 4, Out 1
14843	short	RD	_COMP_OUT2[0]		Comparator 0, Out 2
14844	short	RD	_COMP_OUT2[1]		Comparator 1, Out 2
14845	short	RD	_COMP_OUT2[2]		Comparator 2, Out 2
14846	short	RD	_COMP_OUT2[3]		Comparator 3, Out 2
14847	short	RD	_COMP_OUT2[4]		Comparator 4, Out 2
14848	float	RD	_COMP_RUNTIME1[0]	s	Comparator runtime, Out 1
14850	float	RD	_COMP_RUNTIME1[1]	s	Comparator runtime, Out 1
14852	float	RD	_COMP_RUNTIME1[2]	s	Comparator runtime, Out 1
14854	float	RD	_COMP_RUNTIME1[3]	s	Comparator runtime, Out 1
14856	float	RD	_COMP_RUNTIME2[0]	s	Comparator runtime, Out 2
14858	float	RD	_COMP_RUNTIME2[1]	s	Comparator runtime, Out 2
14860	float	RD	_COMP_RUNTIME2[2]	s	Comparator runtime, Out 2
14862	float	RD	_COMP_RUNTIME2[3]	s	Comparator runtime, Out 2

## Energy

Address	Format	RD/WR	Designation	Unit	Note
9805	short	RD/WR	_W_TARIF		Current rate, real/apparent energy
9806	short	RD/WR	_Q_TARIF		Current rate, reactive energy
9807	float	RD	_WH_S[0]	VAh	Apparent energy L1
9809	float	RD	_WH_S[1]	VAh	Apparent energy L2
9811	float	RD	_WH_S[2]	VAh	Apparent energy L3
9813	float	RD	_WH_S[3]	VAh	Apparent energy L4
9815	float	RD	_WH_S[4]	VAh	Apparent energy L1..L3
9817	float	RD	_WH_S[5]	VAh	Apparent energy L1..L4
9819	float	RD	_WH[0]	Wh	Real energy L1
9821	float	RD	_WH[1]	Wh	Real energy L2
9823	float	RD	_WH[2]	Wh	Real energy L3
9825	float	RD	_WH[3]	Wh	Real energy L4
9827	float	RD	_WH[4]	Wh	Real energy L1..L3
9829	float	RD	_WH[5]	Wh	Real energy L1..L4
9831	float	RD	_QH[0]	varh	Reaktive energy L1
9833	float	RD	_QH[1]	varh	Reaktive energy L2
9835	float	RD	_QH[2]	varh	Reaktive energy L3
9837	float	RD	_QH[3]	varh	Reaktive energy L4
9839	float	RD	_QH[4]	varh	Reaktive energy L1..L3
9841	float	RD	_QH[5]	varh	Reaktive energy L1..L4
9843	float	RD	_WH_V[0]	Wh	Real energy L1, consumed
9845	float	RD	_WH_V[1]	Wh	Real energy L2, consumed
9847	float	RD	_WH_V[2]	Wh	Real energy L3, consumed
9849	float	RD	_WH_V[3]	Wh	Real energy L4, consumed
9851	float	RD	_WH_V[4]	Wh	Real energy L1..L3, consumed
9853	float	RD	_WH_V[5]	Wh	Real energy L1..L4, consumed
9855	float	RD	_WH_Z[0]	Wh	Real energy L1, delivered
9857	float	RD	_WH_Z[1]	Wh	Real energy L2, delivered
9859	float	RD	_WH_Z[2]	Wh	Real energy L3, delivered
9861	float	RD	_WH_Z[3]	Wh	Real energy L4, delivered
9863	float	RD	_WH_Z[4]	Wh	Real energy L1..L3, delivered
9865	float	RD	_WH_Z[5]	Wh	Real energy L1..L4, delivered
9867	float	RD	_WH_V_HT[0]	Wh	Real energy L1, consumed, HT (tariff 1), rate 1
9869	float	RD	_WH_V_HT[1]	Wh	Real energy L2, consumed, HT (tariff 1), rate 1
9871	float	RD	_WH_V_HT[2]	Wh	Real energy L3, consumed, HT (tariff 1), rate 1
9873	float	RD	_WH_V_HT[3]	Wh	Real energy L4, consumed, HT (tariff 1), rate 1
9875	float	RD	_WH_V_HT[4]	Wh	Real energy L1..L3, consumed, HT (tariff 1), rate 1
9877	float	RD	_WH_V_HT[5]	Wh	Real energy L1..L4, consumed, HT (tariff 1), rate 1
9879	float	RD	_WH_V_NT[0]	Wh	Real energy L1, consumed, NT (tariff 1), rate 2
9881	float	RD	_WH_V_NT[1]	Wh	Real energy L2, consumed, NT (tariff 1), rate 2
9883	float	RD	_WH_V_NT[2]	Wh	Real energy L3, consumed, NT (tariff 1), rate 2
9885	float	RD	_WH_V_NT[3]	Wh	Real energy L4, consumed, NT (tariff 1), rate 2
9887	float	RD	_WH_V_NT[4]	Wh	Real energy L1..L3, consumed, NT (tariff 1), rate 2
9889	float	RD	_WH_V_NT[5]	Wh	Real energy L1..L4, consumed, NT (tariff 1), rate 2
9891	float	RD	_WH_Z_HT[0]	Wh	Real energy L1, delivered, HT (tariff 2), rate 1
9893	float	RD	_WH_Z_HT[1]	Wh	Real energy L2, delivered, HT (tariff 2), rate 1
9895	float	RD	_WH_Z_HT[2]	Wh	Real energy L3, delivered, HT (tariff 2), rate 1
9897	float	RD	_WH_Z_HT[3]	Wh	Real energy L4, delivered, HT (tariff 2), rate 1
9899	float	RD	_WH_Z_HT[4]	Wh	Real energy L1..L3, delivered, HT (tariff 2), rate 1
9901	float	RD	_WH_Z_HT[5]	Wh	Real energy L1..L4, delivered, HT (tariff 2), rate 1
9903	float	RD	_WH_Z_NT[0]	Wh	Real energy L1, delivered, NT (tariff 2), rate 2
9905	float	RD	_WH_Z_NT[1]	Wh	Real energy L2, delivered, NT (tariff 2), rate 2
9907	float	RD	_WH_Z_NT[2]	Wh	Real energy L3, delivered, NT (tariff 2), rate 2
9909	float	RD	_WH_Z_NT[3]	Wh	Real energy L4, delivered, NT (tariff 2), rate 2
9911	float	RD	_WH_Z_NT[4]	Wh	Real energy L1..L3, delivered, NT (tariff 2), rate 2
9913	float	RD	_WH_Z_NT[5]	Wh	Real energy L1..L4, delivered, NT (tariff 2), rate 2
14404	float	RD	_WH_V_T3[0]	Wh	Real energy, consumption, tariff 3, L1
14406	float	RD	_WH_V_T3[1]	Wh	Real energy, consumption, tariff 3, L2
14408	float	RD	_WH_V_T3[2]	Wh	Real energy, consumption, tariff 3, L3
14410	float	RD	_WH_V_T3[3]	Wh	Real energy, consumption, tariff 3, L4

Address	Format	RD/WR	Designation	Unit	Note
14412	float	RD	__WH_V_T3[4]	Wh	Real energy, consump., tariff 3, L1..L3
14414	float	RD	__WH_V_T3[5]	Wh	Real energy, consump., tariff 3, L1..L4
14416	float	RD	__WH_V_T4[0]	Wh	Real energy, consumption, tariff 4, L1
14418	float	RD	__WH_V_T4[1]	Wh	Real energy, consumption, tariff 4, L2
14420	float	RD	__WH_V_T4[2]	Wh	Real energy, consumption, tariff 4, L3
14422	float	RD	__WH_V_T4[3]	Wh	Real energy, consumption, tariff 4, L4
14424	float	RD	__WH_V_T4[4]	Wh	Real energy, consump., tariff 4, L1..L3
14426	float	RD	__WH_V_T4[5]	Wh	Real energy, consump., tariff 4, L1..L4
14428	float	RD	__WH_Z_T3[0]	Wh	Real energy, supply, tariff 3, L1
14430	float	RD	__WH_Z_T3[1]	Wh	Real energy, supply, tariff 3, L2
14432	float	RD	__WH_Z_T3[2]	Wh	Real energy, supply, tariff 3, L3
14434	float	RD	__WH_Z_T3[3]	Wh	Real energy, supply, tariff 3, L4
14436	float	RD	__WH_Z_T3[4]	Wh	Real energy, supply, tariff 3, L1..L3
14438	float	RD	__WH_Z_T3[5]	Wh	Real energy, supply, tariff 3, L1..L4
14440	float	RD	__WH_Z_T4[0]	Wh	Real energy, supply, tariff 4, L1
14442	float	RD	__WH_Z_T4[1]	Wh	Real energy, supply, tariff 4, L2
14444	float	RD	__WH_Z_T4[2]	Wh	Real energy, supply, tariff 4, L3
14446	float	RD	__WH_Z_T4[3]	Wh	Real energy, supply, tariff 4, L4
14448	float	RD	__WH_Z_T4[4]	Wh	Real energy, supply, tariff 4, L1..L3
14450	float	RD	__WH_Z_T4[5]	Wh	Real energy, supply, tariff 4, L1..L4
9915	float	RD	__IQH[0]	varh	Reactive energy, inductive
9917	float	RD	__IQH[1]	varh	Reactive energy, inductive
9919	float	RD	__IQH[2]	varh	Reactive energy, inductive
9921	float	RD	__IQH[3]	varh	Reactive energy, inductive
9923	float	RD	__IQH[4]	varh	Reactive energy, inductive
9925	float	RD	__IQH[5]	varh	Reactive energy, inductive
9927	float	RD	__CQH[0]	varh	Reactive energy, capacitive
9929	float	RD	__CQH[1]	varh	Reactive energy, capacitive
9931	float	RD	__CQH[2]	varh	Reactive energy, capacitive
9933	float	RD	__CQH[3]	varh	Reactive energy, capacitive
9935	float	RD	__CQH[4]	varh	Reactive energy, capacitive
9937	float	RD	__CQH[5]	varh	Reactive energy, capacitive
9939	float	RD	__IQH_HT[0]	varh	Reactive energy, inductive, rate 1
9941	float	RD	__IQH_HT[1]	varh	Reactive energy, inductive, rate 1
9943	float	RD	__IQH_HT[2]	varh	Reactive energy, inductive, rate 1
9945	float	RD	__IQH_HT[3]	varh	Reactive energy, inductive, rate 1
9947	float	RD	__IQH_HT[4]	varh	Reactive energy, inductive, rate 1
9949	float	RD	__IQH_HT[5]	varh	Reactive energy, inductive, rate 1
9951	float	RD	__IQH_NT[0]	varh	Reactive energy, inductive, rate 2
9953	float	RD	__IQH_NT[1]	varh	Reactive energy, inductive, rate 2
9955	float	RD	__IQH_NT[2]	varh	Reactive energy, inductive, rate 2
9957	float	RD	__IQH_NT[3]	varh	Reactive energy, inductive, rate 2
9959	float	RD	__IQH_NT[4]	varh	Reactive energy, inductive, rate 2
9961	float	RD	__IQH_NT[5]	varh	Reactive energy, inductive, rate 2
14452	float	RD	__IQH_T3[0]	varh	Reactive energy, induktiv, tariff 3, L1
14454	float	RD	__IQH_T3[1]	varh	Reactive energy, induktiv, tariff 3, L2
14456	float	RD	__IQH_T3[2]	varh	Reactive energy, induktiv, tariff 3, L3
14458	float	RD	__IQH_T3[3]	varh	Reactive energy, induktiv, tariff 3, L4
14460	float	RD	__IQH_T3[4]	varh	Reactive energy, induktiv, tariff 3, L1..L3
14462	float	RD	__IQH_T3[5]	varh	Reactive energy, induktiv, tariff 3, L1..L4
14464	float	RD	__IQH_T4[0]	varh	Reactive energy, induktiv, tariff 4, L1
14466	float	RD	__IQH_T4[1]	varh	Reactive energy, induktiv, tariff 4, L2
14468	float	RD	__IQH_T4[2]	varh	Reactive energy, induktiv, tariff 4, L3
14470	float	RD	__IQH_T4[3]	varh	Reactive energy, induktiv, tariff 4, L4
14472	float	RD	__IQH_T4[4]	varh	Reactive energy, induktiv, tariff 4, L1..L3
14474	float	RD	__IQH_T4[5]	varh	Reactive energy, induktiv, tariff 4, L1..L4
14670	float	RD	__VWH_MONTH[0]	Wh	Real energy, month high, january, even year
14672	float	RD	__VWH_MONTH[1]	Wh	Real energy, month high, february, even year
14674	float	RD	__VWH_MONTH[2]	Wh	Real energy, month high, march, even year

Address	Format	RD/WR	Designation	Unit	Note
14676	float	RD	_VWH_MONTH[3]	Wh	Real energy, month high, april, even year
14678	float	RD	_VWH_MONTH[4]	Wh	Real energy, month high, may, even year
14680	float	RD	_VWH_MONTH[5]	Wh	Real energy, month high, june, even year
14682	float	RD	_VWH_MONTH[6]	Wh	Real energy, month high, july, even year
14684	float	RD	_VWH_MONTH[7]	Wh	Real energy, month high, august, even year
14686	float	RD	_VWH_MONTH[8]	Wh	Real energy, month high, september, even year
14688	float	RD	_VWH_MONTH[9]	Wh	Real energy, month high, october, even year
14690	float	RD	_VWH_MONTH[10]	Wh	Real energy, month high, november, even year
14692	float	RD	_VWH_MONTH[11]	Wh	Real energy, month high, december, even year
14694	float	RD	_VWH_MONTH[12]	Wh	Real energy, month high, january, uneven year
14696	float	RD	_VWH_MONTH[13]	Wh	Real energy, month high, february, uneven year
14698	float	RD	_VWH_MONTH[14]	Wh	Real energy, month high, march, uneven year
14700	float	RD	_VWH_MONTH[15]	Wh	Real energy, month high, april, uneven year
14702	float	RD	_VWH_MONTH[16]	Wh	Real energy, month high, may, uneven year
14704	float	RD	_VWH_MONTH[17]	Wh	Real energy, month high, june, uneven year
14706	float	RD	_VWH_MONTH[18]	Wh	Real energy, month high, july, uneven year
14708	float	RD	_VWH_MONTH[19]	Wh	Real energy, month high, august, uneven year
14710	float	RD	_VWH_MONTH[20]	Wh	Real energy, month high, september, uneven year
14712	float	RD	_VWH_MONTH[21]	Wh	Real energy, month high, october, uneven year
14714	float	RD	_VWH_MONTH[22]	Wh	Real energy, month high, november, uneven year
14716	float	RD	_VWH_MONTH[23]	Wh	Real energy, month high, december, uneven year
14718	float	RD	_SH_MONTH[0]	VAh	Apparent energy, month high, january, even year
14720	float	RD	_SH_MONTH[1]	VAh	Apparent energy, month high, february, even year
14722	float	RD	_SH_MONTH[2]	VAh	Apparent energy, month high, march, even year
14724	float	RD	_SH_MONTH[3]	VAh	Apparent energy, month high, april, even year
14726	float	RD	_SH_MONTH[4]	VAh	Apparent energy, month high, may, even year
14728	float	RD	_SH_MONTH[5]	VAh	Apparent energy, month high, june, even year
14730	float	RD	_SH_MONTH[6]	VAh	Apparent energy, month high, july, even year
14732	float	RD	_SH_MONTH[7]	VAh	Apparent energy, month high, august, even year
14734	float	RD	_SH_MONTH[8]	VAh	Apparent energy, month high, september, even year
14736	float	RD	_SH_MONTH[9]	VAh	Apparent energy, month high, october, even year
14738	float	RD	_SH_MONTH[10]	VAh	Apparent energy, month high, november, even year
14740	float	RD	_SH_MONTH[11]	VAh	Apparent energy, month high, december, even year
14742	float	RD	_SH_MONTH[12]	VAh	Apparent energy, month high, january, uneven year
14744	float	RD	_SH_MONTH[13]	VAh	Apparent energy, month high, february, uneven year
14746	float	RD	_SH_MONTH[14]	VAh	Apparent energy, month high, march, uneven year
14748	float	RD	_SH_MONTH[15]	VAh	Apparent energy, month high, april, uneven year
14750	float	RD	_SH_MONTH[16]	VAh	Apparent energy, month high, may, uneven year
14752	float	RD	_SH_MONTH[17]	VAh	Apparent energy, month high, june, uneven year
14754	float	RD	_SH_MONTH[18]	VAh	Apparent energy, month high, july, uneven year
14756	float	RD	_SH_MONTH[19]	VAh	Apparent energy, month high, august, uneven year
14758	float	RD	_SH_MONTH[20]	VAh	Apparent energy, month high, september, uneven year
14760	float	RD	_SH_MONTH[21]	VAh	Apparent energy, month high, october, uneven year
14762	float	RD	_SH_MONTH[22]	VAh	Apparent energy, month high, november, uneven year
14764	float	RD	_SH_MONTH[23]	VAh	Apparent energy, month high, december, uneven year
14766	float	RD	_IQH_MONTH[0]	Varh	Reactive energy, month high, January, even year
14768	float	RD	_IQH_MONTH[1]	Varh	Reactive energy, month high, february, even year
14770	float	RD	_IQH_MONTH[2]	Varh	Reactive energy, month high, march, even year
14772	float	RD	_IQH_MONTH[3]	Varh	Reactive energy, month high, april, even year
14774	float	RD	_IQH_MONTH[4]	Varh	Reactive energy, month high, may, even year
14776	float	RD	_IQH_MONTH[5]	Varh	Reactive energy, month high, june, even year
14778	float	RD	_IQH_MONTH[6]	Varh	Reactive energy, month high, july, even year
14780	float	RD	_IQH_MONTH[7]	Varh	Reactive energy, month high, august, even year
14782	float	RD	_IQH_MONTH[8]	Varh	Reactive energy, month high, september, even year
14784	float	RD	_IQH_MONTH[9]	Varh	Reactive energy, month high, october, even year
14786	float	RD	_IQH_MONTH[10]	Varh	Reactive energy, month high, november, even year
14788	float	RD	_IQH_MONTH[11]	Varh	Reactive energy, month high, december, even year
14790	float	RD	_IQH_MONTH[12]	Varh	Reactive energy, month high, january, uneven year
14792	float	RD	_IQH_MONTH[13]	Varh	Reactive energy, month high, february, uneven year
14794	float	RD	_IQH_MONTH[14]	Varh	Reactive energy, month high, march, uneven year
14796	float	RD	_IQH_MONTH[15]	Varh	Reactive energy, month high, april, uneven year
14798	float	RD	_IQH_MONTH[16]	Varh	Reactive energy, month high, may, uneven year
14800	float	RD	_IQH_MONTH[17]	Varh	Reactive energy, month high, june, uneven year
14802	float	RD	_IQH_MONTH[18]	Varh	Reactive energy, month high, july, uneven year
14804	float	RD	_IQH_MONTH[19]	Varh	Reactive energy, month high, august, uneven year

Address	Format	RD/WR	Designation	Unit	Note
14806	float	RD	_IQH_MONTH[20]	Varh	Reactive energy, month high, september, uneven year
14808	float	RD	_IQH_MONTH[21]	Varh	Reactive energy, month high, october, uneven year
14810	float	RD	_IQH_MONTH[22]	Varh	Reactive energy, month high, november uneven year
14812	float	RD	_IQH_MONTH[23]	Varh	Reactive energy, month high, december uneven year
14814	short	RD	_MONTHLY_YEAR[0]		Year, real energy, bar graph, jan., even year
14815	short	RD	_MONTHLY_YEAR[1]		Year, real energy, bar graph, feb., even year
14816	short	RD	_MONTHLY_YEAR[2]		Year, real energy, bar graph, march, even year
14817	short	RD	_MONTHLY_YEAR[3]		Year, real energy, bar graph, april, even year
14818	short	RD	_MONTHLY_YEAR[4]		Year, real energy, bar graph, may, even year
14819	short	RD	_MONTHLY_YEAR[5]		Year, real energy, bar graph, june, even year
14820	short	RD	_MONTHLY_YEAR[6]		Year, real energy, bar graph, july, even year
14821	short	RD	_MONTHLY_YEAR[7]		Year, real energy, bar graph, aug., even year
14822	short	RD	_MONTHLY_YEAR[8]		Year, real energy, bar graph, sep., even year
14823	short	RD	_MONTHLY_YEAR[9]		Year, real energy, bar graph, oct., even year
14824	short	RD	_MONTHLY_YEAR[10]		Year, real energy, bar graph, nov., even year
14825	short	RD	_MONTHLY_YEAR[11]		Year, real energy, bar graph, dez., even year
14826	short	RD	_MONTHLY_YEAR[12]		Year, real energy, bar graph, jan., uneven year
14827	short	RD	_MONTHLY_YEAR[13]		Year, real energy, bar graph, feb., uneven year
14828	short	RD	_MONTHLY_YEAR[14]		Year, real energy, bar graph, march, uneven year
14829	short	RD	_MONTHLY_YEAR[15]		Year, real energy, bar graph, april, uneven year
14830	short	RD	_MONTHLY_YEAR[16]		Year, real energy, bar graph, may, uneven year
14831	short	RD	_MONTHLY_YEAR[17]		Year, real energy, bar graph, june, uneven year
14832	short	RD	_MONTHLY_YEAR[18]		Year, real energy, bar graph, july, uneven year
14833	short	RD	_MONTHLY_YEAR[19]		Year, real energy, bar graph, aug., uneven year
14834	short	RD	_MONTHLY_YEAR[20]		Year, real energy, bar graph, sep., uneven year
14835	short	RD	_MONTHLY_YEAR[21]		Year, real energy, bar graph, oct., uneven year
14836	short	RD	_MONTHLY_YEAR[22]		Year, real energy, bar graph, nov., uneven year
14837	short	RD	_MONTHLY_YEAR[23]		Year, real energy, bar graph, dec., uneven year
9963	float	RD	_S0_CNT[0]	n	Energy meter (counter, not scaled), impulse input 1
9965	float	RD	_S0_CNT[1]	n	Energy meter (counter, not scaled), impulse input 2
9967	float	RD	_TIME_WH	s	Runtime of real and apparent energy meas.
9969	float	RD	_TIME_QH	s	Runtime of real and reactive energy meas.
9997	short	RD/WR	_DEL_WH		1=delets all real energy counters
9998	short	RD/WR	_DEL_QH		1=delets all reactive energy counters

**Fourier analysis****Measured values, fourier analysis**

Address	Format	RD/WR	Designation	Unit	Note
13	float	RD	_FFT_UL1[0]	V	Harmonic U L1
15	float	RD	_FFT_UL1[1]	V	Harmonic U L1
17	float	RD	_FFT_UL1[2]	V	Harmonic U L1
19	float	RD	_FFT_UL1[3]	V	Harmonic U L1
21	float	RD	_FFT_UL1[4]	V	Harmonic U L1
23	float	RD	_FFT_UL1[5]	V	Harmonic U L1
25	float	RD	_FFT_UL1[6]	V	Harmonic U L1
27	float	RD	_FFT_UL1[7]	V	Harmonic U L1
29	float	RD	_FFT_UL1[8]	V	Harmonic U L1
31	float	RD	_FFT_UL1[9]	V	Harmonic U L1
33	float	RD	_FFT_UL1[10]	V	Harmonic U L1
35	float	RD	_FFT_UL1[11]	V	Harmonic U L1
37	float	RD	_FFT_UL1[12]	V	Harmonic U L1
39	float	RD	_FFT_UL1[13]	V	Harmonic U L1
41	float	RD	_FFT_UL1[14]	V	Harmonic U L1
43	float	RD	_FFT_UL1[15]	V	Harmonic U L1
45	float	RD	_FFT_UL1[16]	V	Harmonic U L1
47	float	RD	_FFT_UL1[17]	V	Harmonic U L1
49	float	RD	_FFT_UL1[18]	V	Harmonic U L1
51	float	RD	_FFT_UL1[19]	V	Harmonic U L1
53	float	RD	_FFT_UL1[20]	V	Harmonic U L1
55	float	RD	_FFT_UL1[21]	V	Harmonic U L1
57	float	RD	_FFT_UL1[22]	V	Harmonic U L1
59	float	RD	_FFT_UL1[23]	V	Harmonic U L1
61	float	RD	_FFT_UL1[24]	V	Harmonic U L1
63	float	RD	_FFT_UL1[25]	V	Harmonic U L1
65	float	RD	_FFT_UL1[26]	V	Harmonic U L1
67	float	RD	_FFT_UL1[27]	V	Harmonic U L1
69	float	RD	_FFT_UL1[28]	V	Harmonic U L1
71	float	RD	_FFT_UL1[29]	V	Harmonic U L1
73	float	RD	_FFT_UL1[30]	V	Harmonic U L1
75	float	RD	_FFT_UL1[31]	V	Harmonic U L1
77	float	RD	_FFT_UL1[32]	V	Harmonic U L1
79	float	RD	_FFT_UL1[33]	V	Harmonic U L1
81	float	RD	_FFT_UL1[34]	V	Harmonic U L1
83	float	RD	_FFT_UL1[35]	V	Harmonic U L1
85	float	RD	_FFT_UL1[36]	V	Harmonic U L1
87	float	RD	_FFT_UL1[37]	V	Harmonic U L1
89	float	RD	_FFT_UL1[38]	V	Harmonic U L1
91	float	RD	_FFT_UL1[39]	V	Harmonic U L1
93	float	RD	_FFT_UL2[0]	V	Harmonic U L2
95	float	RD	_FFT_UL2[1]	V	Harmonic U L2
97	float	RD	_FFT_UL2[2]	V	Harmonic U L2
99	float	RD	_FFT_UL2[3]	V	Harmonic U L2
101	float	RD	_FFT_UL2[4]	V	Harmonic U L2
103	float	RD	_FFT_UL2[5]	V	Harmonic U L2
105	float	RD	_FFT_UL2[6]	V	Harmonic U L2
107	float	RD	_FFT_UL2[7]	V	Harmonic U L2
109	float	RD	_FFT_UL2[8]	V	Harmonic U L2
111	float	RD	_FFT_UL2[9]	V	Harmonic U L2
113	float	RD	_FFT_UL2[10]	V	Harmonic U L2
115	float	RD	_FFT_UL2[11]	V	Harmonic U L2
117	float	RD	_FFT_UL2[12]	V	Harmonic U L2
119	float	RD	_FFT_UL2[13]	V	Harmonic U L2
121	float	RD	_FFT_UL2[14]	V	Harmonic U L2
123	float	RD	_FFT_UL2[15]	V	Harmonic U L2
125	float	RD	_FFT_UL2[16]	V	Harmonic U L2
127	float	RD	_FFT_UL2[17]	V	Harmonic U L2
129	float	RD	_FFT_UL2[18]	V	Harmonic U L2
131	float	RD	_FFT_UL2[19]	V	Harmonic U L2
133	float	RD	_FFT_UL2[20]	V	Harmonic U L2
135	float	RD	_FFT_UL2[21]	V	Harmonic U L2
137	float	RD	_FFT_UL2[22]	V	Harmonic U L2
139	float	RD	_FFT_UL2[23]	V	Harmonic U L2
141	float	RD	_FFT_UL2[24]	V	Harmonic U L2
143	float	RD	_FFT_UL2[25]	V	Harmonic U L2
145	float	RD	_FFT_UL2[26]	V	Harmonic U L2

Address	Format	RD/WR	Designation	Unit	Note
147	float	RD	_FFT_UL2[27]	V	Harmonic U L2
149	float	RD	_FFT_UL2[28]	V	Harmonic U L2
151	float	RD	_FFT_UL2[29]	V	Harmonic U L2
153	float	RD	_FFT_UL2[30]	V	Harmonic U L2
155	float	RD	_FFT_UL2[31]	V	Harmonic U L2
157	float	RD	_FFT_UL2[32]	V	Harmonic U L2
159	float	RD	_FFT_UL2[33]	V	Harmonic U L2
161	float	RD	_FFT_UL2[34]	V	Harmonic U L2
163	float	RD	_FFT_UL2[35]	V	Harmonic U L2
165	float	RD	_FFT_UL2[36]	V	Harmonic U L2
167	float	RD	_FFT_UL2[37]	V	Harmonic U L2
169	float	RD	_FFT_UL2[38]	V	Harmonic U L2
171	float	RD	_FFT_UL2[39]	V	Harmonic U L2
173	float	RD	_FFT_UL3[0]	V	Harmonic U L3
175	float	RD	_FFT_UL3[1]	V	Harmonic U L3
177	float	RD	_FFT_UL3[2]	V	Harmonic U L3
179	float	RD	_FFT_UL3[3]	V	Harmonic U L3
181	float	RD	_FFT_UL3[4]	V	Harmonic U L3
183	float	RD	_FFT_UL3[5]	V	Harmonic U L3
185	float	RD	_FFT_UL3[6]	V	Harmonic U L3
187	float	RD	_FFT_UL3[7]	V	Harmonic U L3
189	float	RD	_FFT_UL3[8]	V	Harmonic U L3
191	float	RD	_FFT_UL3[9]	V	Harmonic U L3
193	float	RD	_FFT_UL3[10]	V	Harmonic U L3
195	float	RD	_FFT_UL3[11]	V	Harmonic U L3
197	float	RD	_FFT_UL3[12]	V	Harmonic U L3
199	float	RD	_FFT_UL3[13]	V	Harmonic U L3
201	float	RD	_FFT_UL3[14]	V	Harmonic U L3
203	float	RD	_FFT_UL3[15]	V	Harmonic U L3
205	float	RD	_FFT_UL3[16]	V	Harmonic U L3
207	float	RD	_FFT_UL3[17]	V	Harmonic U L3
209	float	RD	_FFT_UL3[18]	V	Harmonic U L3
211	float	RD	_FFT_UL3[19]	V	Harmonic U L3
213	float	RD	_FFT_UL3[20]	V	Harmonic U L3
215	float	RD	_FFT_UL3[21]	V	Harmonic U L3
217	float	RD	_FFT_UL3[22]	V	Harmonic U L3
219	float	RD	_FFT_UL3[23]	V	Harmonic U L3
221	float	RD	_FFT_UL3[24]	V	Harmonic U L3
223	float	RD	_FFT_UL3[25]	V	Harmonic U L3
225	float	RD	_FFT_UL3[26]	V	Harmonic U L3
227	float	RD	_FFT_UL3[27]	V	Harmonic U L3
229	float	RD	_FFT_UL3[28]	V	Harmonic U L3
231	float	RD	_FFT_UL3[29]	V	Harmonic U L3
233	float	RD	_FFT_UL3[30]	V	Harmonic U L3
235	float	RD	_FFT_UL3[31]	V	Harmonic U L3
237	float	RD	_FFT_UL3[32]	V	Harmonic U L3
239	float	RD	_FFT_UL3[33]	V	Harmonic U L3
241	float	RD	_FFT_UL3[34]	V	Harmonic U L3
243	float	RD	_FFT_UL3[35]	V	Harmonic U L3
245	float	RD	_FFT_UL3[36]	V	Harmonic U L3
247	float	RD	_FFT_UL3[37]	V	Harmonic U L3
249	float	RD	_FFT_UL3[38]	V	Harmonic U L3
251	float	RD	_FFT_UL3[39]	V	Harmonic U L3
253	float	RD	_FFT_UL4[0]	V	Harmonic U L4
255	float	RD	_FFT_UL4[1]	V	Harmonic U L4
257	float	RD	_FFT_UL4[2]	V	Harmonic U L4
259	float	RD	_FFT_UL4[3]	V	Harmonic U L4
261	float	RD	_FFT_UL4[4]	V	Harmonic U L4
263	float	RD	_FFT_UL4[5]	V	Harmonic U L4
265	float	RD	_FFT_UL4[6]	V	Harmonic U L4
267	float	RD	_FFT_UL4[7]	V	Harmonic U L4
269	float	RD	_FFT_UL4[8]	V	Harmonic U L4
271	float	RD	_FFT_UL4[9]	V	Harmonic U L4
273	float	RD	_FFT_UL4[10]	V	Harmonic U L4
275	float	RD	_FFT_UL4[11]	V	Harmonic U L4
277	float	RD	_FFT_UL4[12]	V	Harmonic U L4
279	float	RD	_FFT_UL4[13]	V	Harmonic U L4



Address	Format	RD/WR	Designation	Unit	Note
281	float	RD	_FFT_UL4[14]	V	Harmonic U L4
283	float	RD	_FFT_UL4[15]	V	Harmonic U L4
285	float	RD	_FFT_UL4[16]	V	Harmonic U L4
287	float	RD	_FFT_UL4[17]	V	Harmonic U L4
289	float	RD	_FFT_UL4[18]	V	Harmonic U L4
291	float	RD	_FFT_UL4[19]	V	Harmonic U L4
293	float	RD	_FFT_UL4[20]	V	Harmonic U L4
295	float	RD	_FFT_UL4[21]	V	Harmonic U L4
297	float	RD	_FFT_UL4[22]	V	Harmonic U L4
299	float	RD	_FFT_UL4[23]	V	Harmonic U L4
301	float	RD	_FFT_UL4[24]	V	Harmonic U L4
303	float	RD	_FFT_UL4[25]	V	Harmonic U L4
305	float	RD	_FFT_UL4[26]	V	Harmonic U L4
307	float	RD	_FFT_UL4[27]	V	Harmonic U L4
309	float	RD	_FFT_UL4[28]	V	Harmonic U L4
311	float	RD	_FFT_UL4[29]	V	Harmonic U L4
313	float	RD	_FFT_UL4[30]	V	Harmonic U L4
315	float	RD	_FFT_UL4[31]	V	Harmonic U L4
317	float	RD	_FFT_UL4[32]	V	Harmonic U L4
319	float	RD	_FFT_UL4[33]	V	Harmonic U L4
321	float	RD	_FFT_UL4[34]	V	Harmonic U L4
323	float	RD	_FFT_UL4[35]	V	Harmonic U L4
325	float	RD	_FFT_UL4[36]	V	Harmonic U L4
327	float	RD	_FFT_UL4[37]	V	Harmonic U L4
329	float	RD	_FFT_UL4[38]	V	Harmonic U L4
331	float	RD	_FFT_UL4[39]	V	Harmonic U L4
333	float	RD	_FFT_IL1[0]	A	Harmonic I L1
335	float	RD	_FFT_IL1[1]	A	Harmonic I L1
337	float	RD	_FFT_IL1[2]	A	Harmonic I L1
339	float	RD	_FFT_IL1[3]	A	Harmonic I L1
341	float	RD	_FFT_IL1[4]	A	Harmonic I L1
343	float	RD	_FFT_IL1[5]	A	Harmonic I L1
345	float	RD	_FFT_IL1[6]	A	Harmonic I L1
347	float	RD	_FFT_IL1[7]	A	Harmonic I L1
349	float	RD	_FFT_IL1[8]	A	Harmonic I L1
351	float	RD	_FFT_IL1[9]	A	Harmonic I L1
353	float	RD	_FFT_IL1[10]	A	Harmonic I L1
355	float	RD	_FFT_IL1[11]	A	Harmonic I L1
357	float	RD	_FFT_IL1[12]	A	Harmonic I L1
359	float	RD	_FFT_IL1[13]	A	Harmonic I L1
361	float	RD	_FFT_IL1[14]	A	Harmonic I L1
363	float	RD	_FFT_IL1[15]	A	Harmonic I L1
365	float	RD	_FFT_IL1[16]	A	Harmonic I L1
367	float	RD	_FFT_IL1[17]	A	Harmonic I L1
369	float	RD	_FFT_IL1[18]	A	Harmonic I L1
371	float	RD	_FFT_IL1[19]	A	Harmonic I L1
373	float	RD	_FFT_IL1[20]	A	Harmonic I L1
375	float	RD	_FFT_IL1[21]	A	Harmonic I L1
377	float	RD	_FFT_IL1[22]	A	Harmonic I L1
379	float	RD	_FFT_IL1[23]	A	Harmonic I L1
381	float	RD	_FFT_IL1[24]	A	Harmonic I L1
383	float	RD	_FFT_IL1[25]	A	Harmonic I L1
385	float	RD	_FFT_IL1[26]	A	Harmonic I L1
387	float	RD	_FFT_IL1[27]	A	Harmonic I L1
389	float	RD	_FFT_IL1[28]	A	Harmonic I L1
391	float	RD	_FFT_IL1[29]	A	Harmonic I L1
393	float	RD	_FFT_IL1[30]	A	Harmonic I L1
395	float	RD	_FFT_IL1[31]	A	Harmonic I L1
397	float	RD	_FFT_IL1[32]	A	Harmonic I L1
399	float	RD	_FFT_IL1[33]	A	Harmonic I L1
401	float	RD	_FFT_IL1[34]	A	Harmonic I L1
403	float	RD	_FFT_IL1[35]	A	Harmonic I L1
405	float	RD	_FFT_IL1[36]	A	Harmonic I L1
407	float	RD	_FFT_IL1[37]	A	Harmonic I L1
409	float	RD	_FFT_IL1[38]	A	Harmonic I L1
411	float	RD	_FFT_IL1[39]	A	Harmonic I L1
413	float	RD	_FFT_IL2[0]	A	Harmonic I L2

Address	Format	RD/WR	Designation	Unit	Note
415	float	RD	_FFT_IL2[1]	A	Harmonic I L2
417	float	RD	_FFT_IL2[2]	A	Harmonic I L2
419	float	RD	_FFT_IL2[3]	A	Harmonic I L2
421	float	RD	_FFT_IL2[4]	A	Harmonic I L2
423	float	RD	_FFT_IL2[5]	A	Harmonic I L2
425	float	RD	_FFT_IL2[6]	A	Harmonic I L2
427	float	RD	_FFT_IL2[7]	A	Harmonic I L2
429	float	RD	_FFT_IL2[8]	A	Harmonic I L2
431	float	RD	_FFT_IL2[9]	A	Harmonic I L2
433	float	RD	_FFT_IL2[10]	A	Harmonic I L2
435	float	RD	_FFT_IL2[11]	A	Harmonic I L2
437	float	RD	_FFT_IL2[12]	A	Harmonic I L2
439	float	RD	_FFT_IL2[13]	A	Harmonic I L2
441	float	RD	_FFT_IL2[14]	A	Harmonic I L2
443	float	RD	_FFT_IL2[15]	A	Harmonic I L2
445	float	RD	_FFT_IL2[16]	A	Harmonic I L2
447	float	RD	_FFT_IL2[17]	A	Harmonic I L2
449	float	RD	_FFT_IL2[18]	A	Harmonic I L2
451	float	RD	_FFT_IL2[19]	A	Harmonic I L2
453	float	RD	_FFT_IL2[20]	A	Harmonic I L2
455	float	RD	_FFT_IL2[21]	A	Harmonic I L2
457	float	RD	_FFT_IL2[22]	A	Harmonic I L2
459	float	RD	_FFT_IL2[23]	A	Harmonic I L2
461	float	RD	_FFT_IL2[24]	A	Harmonic I L2
463	float	RD	_FFT_IL2[25]	A	Harmonic I L2
465	float	RD	_FFT_IL2[26]	A	Harmonic I L2
467	float	RD	_FFT_IL2[27]	A	Harmonic I L2
469	float	RD	_FFT_IL2[28]	A	Harmonic I L2
471	float	RD	_FFT_IL2[29]	A	Harmonic I L2
473	float	RD	_FFT_IL2[30]	A	Harmonic I L2
475	float	RD	_FFT_IL2[31]	A	Harmonic I L2
477	float	RD	_FFT_IL2[32]	A	Harmonic I L2
479	float	RD	_FFT_IL2[33]	A	Harmonic I L2
481	float	RD	_FFT_IL2[34]	A	Harmonic I L2
483	float	RD	_FFT_IL2[35]	A	Harmonic I L2
485	float	RD	_FFT_IL2[36]	A	Harmonic I L2
487	float	RD	_FFT_IL2[37]	A	Harmonic I L2
489	float	RD	_FFT_IL2[38]	A	Harmonic I L2
491	float	RD	_FFT_IL2[39]	A	Harmonic I L2
493	float	RD	_FFT_IL3[0]	A	Harmonic I L3
493	float	RD	_FFT_IL3[0]	A	Harmonic I L3
495	float	RD	_FFT_IL3[1]	A	Harmonic I L3
497	float	RD	_FFT_IL3[2]	A	Harmonic I L3
499	float	RD	_FFT_IL3[3]	A	Harmonic I L3
501	float	RD	_FFT_IL3[4]	A	Harmonic I L3
503	float	RD	_FFT_IL3[5]	A	Harmonic I L3
505	float	RD	_FFT_IL3[6]	A	Harmonic I L3
507	float	RD	_FFT_IL3[7]	A	Harmonic I L3
509	float	RD	_FFT_IL3[8]	A	Harmonic I L3
511	float	RD	_FFT_IL3[9]	A	Harmonic I L3
513	float	RD	_FFT_IL3[10]	A	Harmonic I L3
515	float	RD	_FFT_IL3[11]	A	Harmonic I L3
517	float	RD	_FFT_IL3[12]	A	Harmonic I L3
519	float	RD	_FFT_IL3[13]	A	Harmonic I L3
521	float	RD	_FFT_IL3[14]	A	Harmonic I L3
523	float	RD	_FFT_IL3[15]	A	Harmonic I L3
525	float	RD	_FFT_IL3[16]	A	Harmonic I L3
527	float	RD	_FFT_IL3[17]	A	Harmonic I L3
529	float	RD	_FFT_IL3[18]	A	Harmonic I L3
531	float	RD	_FFT_IL3[19]	A	Harmonic I L3
533	float	RD	_FFT_IL3[20]	A	Harmonic I L3
535	float	RD	_FFT_IL3[21]	A	Harmonic I L3
537	float	RD	_FFT_IL3[22]	A	Harmonic I L3
539	float	RD	_FFT_IL3[23]	A	Harmonic I L3
541	float	RD	_FFT_IL3[24]	A	Harmonic I L3
543	float	RD	_FFT_IL3[25]	A	Harmonic I L3
545	float	RD	_FFT_IL3[26]	A	Harmonic I L3

Address	Format	RD/WR	Designation	Unit	Note
547	float	RD	_FFT_IL3[27]	A	Harmonic I L3
549	float	RD	_FFT_IL3[28]	A	Harmonic I L3
551	float	RD	_FFT_IL3[29]	A	Harmonic I L3
553	float	RD	_FFT_IL3[30]	A	Harmonic I L3
555	float	RD	_FFT_IL3[31]	A	Harmonic I L3
557	float	RD	_FFT_IL3[32]	A	Harmonic I L3
559	float	RD	_FFT_IL3[33]	A	Harmonic I L3
561	float	RD	_FFT_IL3[34]	A	Harmonic I L3
563	float	RD	_FFT_IL3[35]	A	Harmonic I L3
565	float	RD	_FFT_IL3[36]	A	Harmonic I L3
567	float	RD	_FFT_IL3[37]	A	Harmonic I L3
569	float	RD	_FFT_IL3[38]	A	Harmonic I L3
571	float	RD	_FFT_IL3[39]	A	Harmonic I L3
573	float	RD	_FFT_IL4[0]	A	Harmonic I L4
575	float	RD	_FFT_IL4[1]	A	Harmonic I L4
577	float	RD	_FFT_IL4[2]	A	Harmonic I L4
579	float	RD	_FFT_IL4[3]	A	Harmonic I L4
581	float	RD	_FFT_IL4[4]	A	Harmonic I L4
583	float	RD	_FFT_IL4[5]	A	Harmonic I L4
585	float	RD	_FFT_IL4[6]	A	Harmonic I L4
587	float	RD	_FFT_IL4[7]	A	Harmonic I L4
589	float	RD	_FFT_IL4[8]	A	Harmonic I L4
591	float	RD	_FFT_IL4[9]	A	Harmonic I L4
593	float	RD	_FFT_IL4[10]	A	Harmonic I L4
595	float	RD	_FFT_IL4[11]	A	Harmonic I L4
597	float	RD	_FFT_IL4[12]	A	Harmonic I L4
599	float	RD	_FFT_IL4[13]	A	Harmonic I L4
601	float	RD	_FFT_IL4[14]	A	Harmonic I L4
603	float	RD	_FFT_IL4[15]	A	Harmonic I L4
605	float	RD	_FFT_IL4[16]	A	Harmonic I L4
607	float	RD	_FFT_IL4[17]	A	Harmonic I L4
609	float	RD	_FFT_IL4[18]	A	Harmonic I L4
611	float	RD	_FFT_IL4[19]	A	Harmonic I L4
613	float	RD	_FFT_IL4[20]	A	Harmonic I L4
615	float	RD	_FFT_IL4[21]	A	Harmonic I L4
617	float	RD	_FFT_IL4[22]	A	Harmonic I L4
619	float	RD	_FFT_IL4[23]	A	Harmonic I L4
621	float	RD	_FFT_IL4[24]	A	Harmonic I L4
623	float	RD	_FFT_IL4[25]	A	Harmonic I L4
625	float	RD	_FFT_IL4[26]	A	Harmonic I L4
627	float	RD	_FFT_IL4[27]	A	Harmonic I L4
629	float	RD	_FFT_IL4[28]	A	Harmonic I L4
631	float	RD	_FFT_IL4[29]	A	Harmonic I L4
633	float	RD	_FFT_IL4[30]	A	Harmonic I L4
635	float	RD	_FFT_IL4[31]	A	Harmonic I L4
637	float	RD	_FFT_IL4[32]	A	Harmonic I L4
639	float	RD	_FFT_IL4[33]	A	Harmonic I L4
641	float	RD	_FFT_IL4[34]	A	Harmonic I L4
643	float	RD	_FFT_IL4[35]	A	Harmonic I L4
645	float	RD	_FFT_IL4[36]	A	Harmonic I L4
647	float	RD	_FFT_IL4[37]	A	Harmonic I L4
649	float	RD	_FFT_IL4[38]	A	Harmonic I L4
651	float	RD	_FFT_IL4[39]	A	Harmonic I L4
653	float	RD	_FFT_PL1[0]	W	Harmonic P L1
655	float	RD	_FFT_PL1[1]	W	Harmonic P L1
657	float	RD	_FFT_PL1[2]	W	Harmonic P L1
659	float	RD	_FFT_PL1[3]	W	Harmonic P L1
661	float	RD	_FFT_PL1[4]	W	Harmonic P L1
663	float	RD	_FFT_PL1[5]	W	Harmonic P L1
665	float	RD	_FFT_PL1[6]	W	Harmonic P L1
667	float	RD	_FFT_PL1[7]	W	Harmonic P L1
669	float	RD	_FFT_PL1[8]	W	Harmonic P L1
671	float	RD	_FFT_PL1[9]	W	Harmonic P L1
673	float	RD	_FFT_PL1[10]	W	Harmonic P L1
675	float	RD	_FFT_PL1[11]	W	Harmonic P L1
677	float	RD	_FFT_PL1[12]	W	Harmonic P L1
679	float	RD	_FFT_PL1[13]	W	Harmonic P L1

Address	Format	RD/WR	Designation	Unit	Note
681	float	RD	_FFT_PL1[14]	W	Harmonic P L1
683	float	RD	_FFT_PL1[15]	W	Harmonic P L1
685	float	RD	_FFT_PL1[16]	W	Harmonic P L1
687	float	RD	_FFT_PL1[17]	W	Harmonic P L1
689	float	RD	_FFT_PL1[18]	W	Harmonic P L1
691	float	RD	_FFT_PL1[19]	W	Harmonic P L1
693	float	RD	_FFT_PL1[20]	W	Harmonic P L1
695	float	RD	_FFT_PL1[21]	W	Harmonic P L1
697	float	RD	_FFT_PL1[22]	W	Harmonic P L1
699	float	RD	_FFT_PL1[23]	W	Harmonic P L1
701	float	RD	_FFT_PL1[24]	W	Harmonic P L1
703	float	RD	_FFT_PL1[25]	W	Harmonic P L1
705	float	RD	_FFT_PL1[26]	W	Harmonic P L1
707	float	RD	_FFT_PL1[27]	W	Harmonic P L1
709	float	RD	_FFT_PL1[28]	W	Harmonic P L1
711	float	RD	_FFT_PL1[29]	W	Harmonic P L1
713	float	RD	_FFT_PL1[30]	W	Harmonic P L1
715	float	RD	_FFT_PL1[31]	W	Harmonic P L1
717	float	RD	_FFT_PL1[32]	W	Harmonic P L1
719	float	RD	_FFT_PL1[33]	W	Harmonic P L1
721	float	RD	_FFT_PL1[34]	W	Harmonic P L1
723	float	RD	_FFT_PL1[35]	W	Harmonic P L1
725	float	RD	_FFT_PL1[36]	W	Harmonic P L1
727	float	RD	_FFT_PL1[37]	W	Harmonic P L1
729	float	RD	_FFT_PL1[38]	W	Harmonic P L1
731	float	RD	_FFT_PL1[39]	W	Harmonic P L1
733	float	RD	_FFT_PL2[0]	W	Harmonic P L2
735	float	RD	_FFT_PL2[1]	W	Harmonic P L2
737	float	RD	_FFT_PL2[2]	W	Harmonic P L2
739	float	RD	_FFT_PL2[3]	W	Harmonic P L2
741	float	RD	_FFT_PL2[4]	W	Harmonic P L2
743	float	RD	_FFT_PL2[5]	W	Harmonic P L2
745	float	RD	_FFT_PL2[6]	W	Harmonic P L2
747	float	RD	_FFT_PL2[7]	W	Harmonic P L2
749	float	RD	_FFT_PL2[8]	W	Harmonic P L2
751	float	RD	_FFT_PL2[9]	W	Harmonic P L2
753	float	RD	_FFT_PL2[10]	W	Harmonic P L2
755	float	RD	_FFT_PL2[11]	W	Harmonic P L2
757	float	RD	_FFT_PL2[12]	W	Harmonic P L2
759	float	RD	_FFT_PL2[13]	W	Harmonic P L2
761	float	RD	_FFT_PL2[14]	W	Harmonic P L2
763	float	RD	_FFT_PL2[15]	W	Harmonic P L2
765	float	RD	_FFT_PL2[16]	W	Harmonic P L2
767	float	RD	_FFT_PL2[17]	W	Harmonic P L2
769	float	RD	_FFT_PL2[18]	W	Harmonic P L2
771	float	RD	_FFT_PL2[19]	W	Harmonic P L2
773	float	RD	_FFT_PL2[20]	W	Harmonic P L2
775	float	RD	_FFT_PL2[21]	W	Harmonic P L2
777	float	RD	_FFT_PL2[22]	W	Harmonic P L2
779	float	RD	_FFT_PL2[23]	W	Harmonic P L2
781	float	RD	_FFT_PL2[24]	W	Harmonic P L2
783	float	RD	_FFT_PL2[25]	W	Harmonic P L2
785	float	RD	_FFT_PL2[26]	W	Harmonic P L2
787	float	RD	_FFT_PL2[27]	W	Harmonic P L2
789	float	RD	_FFT_PL2[28]	W	Harmonic P L2
791	float	RD	_FFT_PL2[29]	W	Harmonic P L2
793	float	RD	_FFT_PL2[30]	W	Harmonic P L2
795	float	RD	_FFT_PL2[31]	W	Harmonic P L2
797	float	RD	_FFT_PL2[32]	W	Harmonic P L2
799	float	RD	_FFT_PL2[33]	W	Harmonic P L2
801	float	RD	_FFT_PL2[34]	W	Harmonic P L2
803	float	RD	_FFT_PL2[35]	W	Harmonic P L2
805	float	RD	_FFT_PL2[36]	W	Harmonic P L2
807	float	RD	_FFT_PL2[37]	W	Harmonic P L2
809	float	RD	_FFT_PL2[38]	W	Harmonic P L2
811	float	RD	_FFT_PL2[39]	W	Harmonic P L2
813	float	RD	_FFT_PL3[0]	W	Harmonic P L3

Address	Format	RD/WR	Designation	Unit	Note
815	float	RD	_FFT_PL3[1]	W	Harmonic P L3
817	float	RD	_FFT_PL3[2]	W	Harmonic P L3
819	float	RD	_FFT_PL3[3]	W	Harmonic P L3
821	float	RD	_FFT_PL3[4]	W	Harmonic P L3
823	float	RD	_FFT_PL3[5]	W	Harmonic P L3
825	float	RD	_FFT_PL3[6]	W	Harmonic P L3
827	float	RD	_FFT_PL3[7]	W	Harmonic P L3
829	float	RD	_FFT_PL3[8]	W	Harmonic P L3
831	float	RD	_FFT_PL3[9]	W	Harmonic P L3
833	float	RD	_FFT_PL3[10]	W	Harmonic P L3
835	float	RD	_FFT_PL3[11]	W	Harmonic P L3
837	float	RD	_FFT_PL3[12]	W	Harmonic P L3
839	float	RD	_FFT_PL3[13]	W	Harmonic P L3
841	float	RD	_FFT_PL3[14]	W	Harmonic P L3
843	float	RD	_FFT_PL3[15]	W	Harmonic P L3
845	float	RD	_FFT_PL3[16]	W	Harmonic P L3
847	float	RD	_FFT_PL3[17]	W	Harmonic P L3
849	float	RD	_FFT_PL3[18]	W	Harmonic P L3
851	float	RD	_FFT_PL3[19]	W	Harmonic P L3
853	float	RD	_FFT_PL3[20]	W	Harmonic P L3
855	float	RD	_FFT_PL3[21]	W	Harmonic P L3
857	float	RD	_FFT_PL3[22]	W	Harmonic P L3
859	float	RD	_FFT_PL3[23]	W	Harmonic P L3
861	float	RD	_FFT_PL3[24]	W	Harmonic P L3
863	float	RD	_FFT_PL3[25]	W	Harmonic P L3
865	float	RD	_FFT_PL3[26]	W	Harmonic P L3
867	float	RD	_FFT_PL3[27]	W	Harmonic P L3
869	float	RD	_FFT_PL3[28]	W	Harmonic P L3
871	float	RD	_FFT_PL3[29]	W	Harmonic P L3
873	float	RD	_FFT_PL3[30]	W	Harmonic P L3
875	float	RD	_FFT_PL3[31]	W	Harmonic P L3
877	float	RD	_FFT_PL3[32]	W	Harmonic P L3
879	float	RD	_FFT_PL3[33]	W	Harmonic P L3
881	float	RD	_FFT_PL3[34]	W	Harmonic P L3
883	float	RD	_FFT_PL3[35]	W	Harmonic P L3
885	float	RD	_FFT_PL3[36]	W	Harmonic P L3
887	float	RD	_FFT_PL3[37]	W	Harmonic P L3
889	float	RD	_FFT_PL3[38]	W	Harmonic P L3
891	float	RD	_FFT_PL3[39]	W	Harmonic P L3
893	float	RD	_FFT_PL4[0]	W	Harmonic P L4
895	float	RD	_FFT_PL4[1]	W	Harmonic P L4
897	float	RD	_FFT_PL4[2]	W	Harmonic P L4
899	float	RD	_FFT_PL4[3]	W	Harmonic P L4
901	float	RD	_FFT_PL4[4]	W	Harmonic P L4
903	float	RD	_FFT_PL4[5]	W	Harmonic P L4
905	float	RD	_FFT_PL4[6]	W	Harmonic P L4
907	float	RD	_FFT_PL4[7]	W	Harmonic P L4
909	float	RD	_FFT_PL4[8]	W	Harmonic P L4
911	float	RD	_FFT_PL4[9]	W	Harmonic P L4
913	float	RD	_FFT_PL4[10]	W	Harmonic P L4
915	float	RD	_FFT_PL4[11]	W	Harmonic P L4
917	float	RD	_FFT_PL4[12]	W	Harmonic P L4
919	float	RD	_FFT_PL4[13]	W	Harmonic P L4
921	float	RD	_FFT_PL4[14]	W	Harmonic P L4
923	float	RD	_FFT_PL4[15]	W	Harmonic P L4
925	float	RD	_FFT_PL4[16]	W	Harmonic P L4
927	float	RD	_FFT_PL4[17]	W	Harmonic P L4
929	float	RD	_FFT_PL4[18]	W	Harmonic P L4
931	float	RD	_FFT_PL4[19]	W	Harmonic P L4
933	float	RD	_FFT_PL4[20]	W	Harmonic P L4
935	float	RD	_FFT_PL4[21]	W	Harmonic P L4
937	float	RD	_FFT_PL4[22]	W	Harmonic P L4
939	float	RD	_FFT_PL4[23]	W	Harmonic P L4
941	float	RD	_FFT_PL4[24]	W	Harmonic P L4
943	float	RD	_FFT_PL4[25]	W	Harmonic P L4
945	float	RD	_FFT_PL4[26]	W	Harmonic P L4
947	float	RD	_FFT_PL4[27]	W	Harmonic P L4

Address	Format	RD/WR	Designation	Unit	Note
949	float	RD	_FFT_PL4[28]	W	Harmonic P L4
951	float	RD	_FFT_PL4[29]	W	Harmonic P L4
953	float	RD	_FFT_PL4[30]	W	Harmonic P L4
955	float	RD	_FFT_PL4[31]	W	Harmonic P L4
957	float	RD	_FFT_PL4[32]	W	Harmonic P L4
959	float	RD	_FFT_PL4[33]	W	Harmonic P L4
961	float	RD	_FFT_PL4[34]	W	Harmonic P L4
963	float	RD	_FFT_PL4[35]	W	Harmonic P L4
965	float	RD	_FFT_PL4[36]	W	Harmonic P L4
967	float	RD	_FFT_PL4[37]	W	Harmonic P L4
969	float	RD	_FFT_PL4[38]	W	Harmonic P L4
971	float	RD	_FFT_PL4[39]	W	Harmonic P L4
973	float	RD	_FFT_QL1[0]	var	Harmonic Q L1
975	float	RD	_FFT_QL1[1]	var	Harmonic Q L1
977	float	RD	_FFT_QL1[2]	var	Harmonic Q L1
979	float	RD	_FFT_QL1[3]	var	Harmonic Q L1
981	float	RD	_FFT_QL1[4]	var	Harmonic Q L1
983	float	RD	_FFT_QL1[5]	var	Harmonic Q L1
985	float	RD	_FFT_QL1[6]	var	Harmonic Q L1
987	float	RD	_FFT_QL1[7]	var	Harmonic Q L1
989	float	RD	_FFT_QL1[8]	var	Harmonic Q L1
991	float	RD	_FFT_QL1[9]	var	Harmonic Q L1
993	float	RD	_FFT_QL1[10]	var	Harmonic Q L1
995	float	RD	_FFT_QL1[11]	var	Harmonic Q L1
997	float	RD	_FFT_QL1[12]	var	Harmonic Q L1
999	float	RD	_FFT_QL1[13]	var	Harmonic Q L1
1001	float	RD	_FFT_QL1[14]	var	Harmonic Q L1
1003	float	RD	_FFT_QL1[15]	var	Harmonic Q L1
1005	float	RD	_FFT_QL1[16]	var	Harmonic Q L1
1007	float	RD	_FFT_QL1[17]	var	Harmonic Q L1
1009	float	RD	_FFT_QL1[18]	var	Harmonic Q L1
1011	float	RD	_FFT_QL1[19]	var	Harmonic Q L1
1013	float	RD	_FFT_QL1[20]	var	Harmonic Q L1
1015	float	RD	_FFT_QL1[21]	var	Harmonic Q L1
1017	float	RD	_FFT_QL1[22]	var	Harmonic Q L1
1019	float	RD	_FFT_QL1[23]	var	Harmonic Q L1
1021	float	RD	_FFT_QL1[24]	var	Harmonic Q L1
1023	float	RD	_FFT_QL1[25]	var	Harmonic Q L1
1025	float	RD	_FFT_QL1[26]	var	Harmonic Q L1
1027	float	RD	_FFT_QL1[27]	var	Harmonic Q L1
1029	float	RD	_FFT_QL1[28]	var	Harmonic Q L1
1031	float	RD	_FFT_QL1[29]	var	Harmonic Q L1
1033	float	RD	_FFT_QL1[30]	var	Harmonic Q L1
1035	float	RD	_FFT_QL1[31]	var	Harmonic Q L1
1037	float	RD	_FFT_QL1[32]	var	Harmonic Q L1
1039	float	RD	_FFT_QL1[33]	var	Harmonic Q L1
1041	float	RD	_FFT_QL1[34]	var	Harmonic Q L1
1043	float	RD	_FFT_QL1[35]	var	Harmonic Q L1
1045	float	RD	_FFT_QL1[36]	var	Harmonic Q L1
1047	float	RD	_FFT_QL1[37]	var	Harmonic Q L1
1049	float	RD	_FFT_QL1[38]	var	Harmonic Q L1
1051	float	RD	_FFT_QL1[39]	var	Harmonic Q L1
1053	float	RD	_FFT_QL2[0]	var	Harmonic Q L2
1055	float	RD	_FFT_QL2[1]	var	Harmonic Q L2
1057	float	RD	_FFT_QL2[2]	var	Harmonic Q L2
1059	float	RD	_FFT_QL2[3]	var	Harmonic Q L2
1061	float	RD	_FFT_QL2[4]	var	Harmonic Q L2
1063	float	RD	_FFT_QL2[5]	var	Harmonic Q L2
1065	float	RD	_FFT_QL2[6]	var	Harmonic Q L2
1067	float	RD	_FFT_QL2[7]	var	Harmonic Q L2
1069	float	RD	_FFT_QL2[8]	var	Harmonic Q L2
1071	float	RD	_FFT_QL2[9]	var	Harmonic Q L2
1073	float	RD	_FFT_QL2[10]	var	Harmonic Q L2
1075	float	RD	_FFT_QL2[11]	var	Harmonic Q L2
1077	float	RD	_FFT_QL2[12]	var	Harmonic Q L2
1079	float	RD	_FFT_QL2[13]	var	Harmonic Q L2
1081	float	RD	_FFT_QL2[14]	var	Harmonic Q L2

Address	Format	RD/WR	Designation	Unit	Note
1083	float	RD	_FFT_QL2[15]	var	Harmonic Q L2
1085	float	RD	_FFT_QL2[16]	var	Harmonic Q L2
1087	float	RD	_FFT_QL2[17]	var	Harmonic Q L2
1089	float	RD	_FFT_QL2[18]	var	Harmonic Q L2
1091	float	RD	_FFT_QL2[19]	var	Harmonic Q L2
1093	float	RD	_FFT_QL2[20]	var	Harmonic Q L2
1095	float	RD	_FFT_QL2[21]	var	Harmonic Q L2
1097	float	RD	_FFT_QL2[22]	var	Harmonic Q L2
1099	float	RD	_FFT_QL2[23]	var	Harmonic Q L2
1101	float	RD	_FFT_QL2[24]	var	Harmonic Q L2
1103	float	RD	_FFT_QL2[25]	var	Harmonic Q L2
1105	float	RD	_FFT_QL2[26]	var	Harmonic Q L2
1107	float	RD	_FFT_QL2[27]	var	Harmonic Q L2
1109	float	RD	_FFT_QL2[28]	var	Harmonic Q L2
1111	float	RD	_FFT_QL2[29]	var	Harmonic Q L2
1113	float	RD	_FFT_QL2[30]	var	Harmonic Q L2
1115	float	RD	_FFT_QL2[31]	var	Harmonic Q L2
1117	float	RD	_FFT_QL2[32]	var	Harmonic Q L2
1119	float	RD	_FFT_QL2[33]	var	Harmonic Q L2
1121	float	RD	_FFT_QL2[34]	var	Harmonic Q L2
1123	float	RD	_FFT_QL2[35]	var	Harmonic Q L2
1125	float	RD	_FFT_QL2[36]	var	Harmonic Q L2
1127	float	RD	_FFT_QL2[37]	var	Harmonic Q L2
1129	float	RD	_FFT_QL2[38]	var	Harmonic Q L2
1131	float	RD	_FFT_QL2[39]	var	Harmonic Q L2
1133	float	RD	_FFT_QL3[0]	var	Harmonic Q L3
1135	float	RD	_FFT_QL3[1]	var	Harmonic Q L3
1137	float	RD	_FFT_QL3[2]	var	Harmonic Q L3
1139	float	RD	_FFT_QL3[3]	var	Harmonic Q L3
1141	float	RD	_FFT_QL3[4]	var	Harmonic Q L3
1143	float	RD	_FFT_QL3[5]	var	Harmonic Q L3
1145	float	RD	_FFT_QL3[6]	var	Harmonic Q L3
1147	float	RD	_FFT_QL3[7]	var	Harmonic Q L3
1149	float	RD	_FFT_QL3[8]	var	Harmonic Q L3
1151	float	RD	_FFT_QL3[9]	var	Harmonic Q L3
1153	float	RD	_FFT_QL3[10]	var	Harmonic Q L3
1155	float	RD	_FFT_QL3[11]	var	Harmonic Q L3
1157	float	RD	_FFT_QL3[12]	var	Harmonic Q L3
1159	float	RD	_FFT_QL3[13]	var	Harmonic Q L3
1161	float	RD	_FFT_QL3[14]	var	Harmonic Q L3
1163	float	RD	_FFT_QL3[15]	var	Harmonic Q L3
1165	float	RD	_FFT_QL3[16]	var	Harmonic Q L3
1167	float	RD	_FFT_QL3[17]	var	Harmonic Q L3
1169	float	RD	_FFT_QL3[18]	var	Harmonic Q L3
1171	float	RD	_FFT_QL3[19]	var	Harmonic Q L3
1173	float	RD	_FFT_QL3[20]	var	Harmonic Q L3
1175	float	RD	_FFT_QL3[21]	var	Harmonic Q L3
1177	float	RD	_FFT_QL3[22]	var	Harmonic Q L3
1179	float	RD	_FFT_QL3[23]	var	Harmonic Q L3
1181	float	RD	_FFT_QL3[24]	var	Harmonic Q L3
1183	float	RD	_FFT_QL3[25]	var	Harmonic Q L3
1185	float	RD	_FFT_QL3[26]	var	Harmonic Q L3
1187	float	RD	_FFT_QL3[27]	var	Harmonic Q L3
1189	float	RD	_FFT_QL3[28]	var	Harmonic Q L3
1191	float	RD	_FFT_QL3[29]	var	Harmonic Q L3
1193	float	RD	_FFT_QL3[30]	var	Harmonic Q L3
1195	float	RD	_FFT_QL3[31]	var	Harmonic Q L3
1197	float	RD	_FFT_QL3[32]	var	Harmonic Q L3
1199	float	RD	_FFT_QL3[33]	var	Harmonic Q L3
1201	float	RD	_FFT_QL3[34]	var	Harmonic Q L3
1203	float	RD	_FFT_QL3[35]	var	Harmonic Q L3
1205	float	RD	_FFT_QL3[36]	var	Harmonic Q L3
1207	float	RD	_FFT_QL3[37]	var	Harmonic Q L3
1209	float	RD	_FFT_QL3[38]	var	Harmonic Q L3
1211	float	RD	_FFT_QL3[39]	var	Harmonic Q L3
1213	float	RD	_FFT_QL4[0]	var	Harmonic Q L4
1215	float	RD	_FFT_QL4[1]	var	Harmonic Q L4

Address	Format	RD/WR	Designation	Unit	Note
1217	float	RD	_FFT_QL4[2]	var	Harmonic Q L4
1219	float	RD	_FFT_QL4[3]	var	Harmonic Q L4
1221	float	RD	_FFT_QL4[4]	var	Harmonic Q L4
1223	float	RD	_FFT_QL4[5]	var	Harmonic Q L4
1225	float	RD	_FFT_QL4[6]	var	Harmonic Q L4
1227	float	RD	_FFT_QL4[7]	var	Harmonic Q L4
1229	float	RD	_FFT_QL4[8]	var	Harmonic Q L4
1231	float	RD	_FFT_QL4[9]	var	Harmonic Q L4
1233	float	RD	_FFT_QL4[10]	var	Harmonic Q L4
1235	float	RD	_FFT_QL4[11]	var	Harmonic Q L4
1237	float	RD	_FFT_QL4[12]	var	Harmonic Q L4
1239	float	RD	_FFT_QL4[13]	var	Harmonic Q L4
1241	float	RD	_FFT_QL4[14]	var	Harmonic Q L4
1243	float	RD	_FFT_QL4[15]	var	Harmonic Q L4
1245	float	RD	_FFT_QL4[16]	var	Harmonic Q L4
1247	float	RD	_FFT_QL4[17]	var	Harmonic Q L4
1249	float	RD	_FFT_QL4[18]	var	Harmonic Q L4
1251	float	RD	_FFT_QL4[19]	var	Harmonic Q L4
1253	float	RD	_FFT_QL4[20]	var	Harmonic Q L4
1255	float	RD	_FFT_QL4[21]	var	Harmonic Q L4
1257	float	RD	_FFT_QL4[22]	var	Harmonic Q L4
1259	float	RD	_FFT_QL4[23]	var	Harmonic Q L4
1261	float	RD	_FFT_QL4[24]	var	Harmonic Q L4
1263	float	RD	_FFT_QL4[25]	var	Harmonic Q L4
1265	float	RD	_FFT_QL4[26]	var	Harmonic Q L4
1267	float	RD	_FFT_QL4[27]	var	Harmonic Q L4
1269	float	RD	_FFT_QL4[28]	var	Harmonic Q L4
1271	float	RD	_FFT_QL4[29]	var	Harmonic Q L4
1273	float	RD	_FFT_QL4[30]	var	Harmonic Q L4
1275	float	RD	_FFT_QL4[31]	var	Harmonic Q L4
1277	float	RD	_FFT_QL4[32]	var	Harmonic Q L4
1279	float	RD	_FFT_QL4[33]	var	Harmonic Q L4
1281	float	RD	_FFT_QL4[34]	var	Harmonic Q L4
1283	float	RD	_FFT_QL4[35]	var	Harmonic Q L4
1285	float	RD	_FFT_QL4[36]	var	Harmonic Q L4
1287	float	RD	_FFT_QL4[37]	var	Harmonic Q L4
1289	float	RD	_FFT_QL4[38]	var	Harmonic Q L4
1291	float	RD	_FFT_QL4[39]	var	Harmonic Q L4



## Mean values, fourier analysis

Address	Format	RD/WR	Designation	Unit	Note
1463	float	RD	_FFT_UL1_AVG[0]	V	Average, Harmonic, UL1
1465	float	RD	_FFT_UL1_AVG[1]	V	Average, Harmonic, UL1
1467	float	RD	_FFT_UL1_AVG[2]	V	Average, Harmonic, UL1
1469	float	RD	_FFT_UL1_AVG[3]	V	Average, Harmonic, UL1
1471	float	RD	_FFT_UL1_AVG[4]	V	Average, Harmonic, UL1
1473	float	RD	_FFT_UL1_AVG[5]	V	Average, Harmonic, UL1
1475	float	RD	_FFT_UL1_AVG[6]	V	Average, Harmonic, UL1
1477	float	RD	_FFT_UL1_AVG[7]	V	Average, Harmonic, UL1
1479	float	RD	_FFT_UL1_AVG[8]	V	Average, Harmonic, UL1
1481	float	RD	_FFT_UL1_AVG[9]	V	Average, Harmonic, UL1
1483	float	RD	_FFT_UL1_AVG[10]	V	Average, Harmonic, UL1
1485	float	RD	_FFT_UL1_AVG[11]	V	Average, Harmonic, UL1
1487	float	RD	_FFT_UL1_AVG[12]	V	Average, Harmonic, UL1
1489	float	RD	_FFT_UL1_AVG[13]	V	Average, Harmonic, UL1
1491	float	RD	_FFT_UL1_AVG[14]	V	Average, Harmonic, UL1
1493	float	RD	_FFT_UL1_AVG[15]	V	Average, Harmonic, UL1
1495	float	RD	_FFT_UL1_AVG[16]	V	Average, Harmonic, UL1
1497	float	RD	_FFT_UL1_AVG[17]	V	Average, Harmonic, UL1
1499	float	RD	_FFT_UL1_AVG[18]	V	Average, Harmonic, UL1
1501	float	RD	_FFT_UL1_AVG[19]	V	Average, Harmonic, UL1
1503	float	RD	_FFT_UL1_AVG[20]	V	Average, Harmonic, UL1
1505	float	RD	_FFT_UL1_AVG[21]	V	Average, Harmonic, UL1
1507	float	RD	_FFT_UL1_AVG[22]	V	Average, Harmonic, UL1
1509	float	RD	_FFT_UL1_AVG[23]	V	Average, Harmonic, UL1
1511	float	RD	_FFT_UL1_AVG[24]	V	Average, Harmonic, UL1
1513	float	RD	_FFT_UL1_AVG[25]	V	Average, Harmonic, UL1
1515	float	RD	_FFT_UL1_AVG[26]	V	Average, Harmonic, UL1
1517	float	RD	_FFT_UL1_AVG[27]	V	Average, Harmonic, UL1
1519	float	RD	_FFT_UL1_AVG[28]	V	Average, Harmonic, UL1
1521	float	RD	_FFT_UL1_AVG[29]	V	Average, Harmonic, UL1
1523	float	RD	_FFT_UL1_AVG[30]	V	Average, Harmonic, UL1
1525	float	RD	_FFT_UL1_AVG[31]	V	Average, Harmonic, UL1
1527	float	RD	_FFT_UL1_AVG[32]	V	Average, Harmonic, UL1
1529	float	RD	_FFT_UL1_AVG[33]	V	Average, Harmonic, UL1
1531	float	RD	_FFT_UL1_AVG[34]	V	Average, Harmonic, UL1
1533	float	RD	_FFT_UL1_AVG[35]	V	Average, Harmonic, UL1
1535	float	RD	_FFT_UL1_AVG[36]	V	Average, Harmonic, UL1
1537	float	RD	_FFT_UL1_AVG[37]	V	Average, Harmonic, UL1
1539	float	RD	_FFT_UL1_AVG[38]	V	Average, Harmonic, UL1
1541	float	RD	_FFT_UL1_AVG[39]	V	Average, Harmonic, UL1
1543	float	RD	_FFT_UL2_AVG[0]	V	Average, Harmonic, UL2
1545	float	RD	_FFT_UL2_AVG[1]	V	Average, Harmonic, UL2
1547	float	RD	_FFT_UL2_AVG[2]	V	Average, Harmonic, UL2
1549	float	RD	_FFT_UL2_AVG[3]	V	Average, Harmonic, UL2
1551	float	RD	_FFT_UL2_AVG[4]	V	Average, Harmonic, UL2
1553	float	RD	_FFT_UL2_AVG[5]	V	Average, Harmonic, UL2
1555	float	RD	_FFT_UL2_AVG[6]	V	Average, Harmonic, UL2
1557	float	RD	_FFT_UL2_AVG[7]	V	Average, Harmonic, UL2
1559	float	RD	_FFT_UL2_AVG[8]	V	Average, Harmonic, UL2
1561	float	RD	_FFT_UL2_AVG[9]	V	Average, Harmonic, UL2
1563	float	RD	_FFT_UL2_AVG[10]	V	Average, Harmonic, UL2
1565	float	RD	_FFT_UL2_AVG[11]	V	Average, Harmonic, UL2
1567	float	RD	_FFT_UL2_AVG[12]	V	Average, Harmonic, UL2
1569	float	RD	_FFT_UL2_AVG[13]	V	Average, Harmonic, UL2
1571	float	RD	_FFT_UL2_AVG[14]	V	Average, Harmonic, UL2
1573	float	RD	_FFT_UL2_AVG[15]	V	Average, Harmonic, UL2
1575	float	RD	_FFT_UL2_AVG[16]	V	Average, Harmonic, UL2
1577	float	RD	_FFT_UL2_AVG[17]	V	Average, Harmonic, UL2
1579	float	RD	_FFT_UL2_AVG[18]	V	Average, Harmonic, UL2
1581	float	RD	_FFT_UL2_AVG[19]	V	Average, Harmonic, UL2
1583	float	RD	_FFT_UL2_AVG[20]	V	Average, Harmonic, UL2
1585	float	RD	_FFT_UL2_AVG[21]	V	Average, Harmonic, UL2
1587	float	RD	_FFT_UL2_AVG[22]	V	Average, Harmonic, UL2
1589	float	RD	_FFT_UL2_AVG[23]	V	Average, Harmonic, UL2
1591	float	RD	_FFT_UL2_AVG[24]	V	Average, Harmonic, UL2
1593	float	RD	_FFT_UL2_AVG[25]	V	Average, Harmonic, UL2
1595	float	RD	_FFT_UL2_AVG[26]	V	Average, Harmonic, UL2

Address	Format	RD/WR	Designation	Unit	Note
1597	float	RD	_FFT_UL2_AVG[27]	V	Average, Harmonic, UL2
1599	float	RD	_FFT_UL2_AVG[28]	V	Average, Harmonic, UL2
1601	float	RD	_FFT_UL2_AVG[29]	V	Average, Harmonic, UL2
1603	float	RD	_FFT_UL2_AVG[30]	V	Average, Harmonic, UL2
1605	float	RD	_FFT_UL2_AVG[31]	V	Average, Harmonic, UL2
1607	float	RD	_FFT_UL2_AVG[32]	V	Average, Harmonic, UL2
1609	float	RD	_FFT_UL2_AVG[33]	V	Average, Harmonic, UL2
1611	float	RD	_FFT_UL2_AVG[34]	V	Average, Harmonic, UL2
1613	float	RD	_FFT_UL2_AVG[35]	V	Average, Harmonic, UL2
1615	float	RD	_FFT_UL2_AVG[36]	V	Average, Harmonic, UL2
1617	float	RD	_FFT_UL2_AVG[37]	V	Average, Harmonic, UL2
1619	float	RD	_FFT_UL2_AVG[38]	V	Average, Harmonic, UL2
1621	float	RD	_FFT_UL2_AVG[39]	V	Average, Harmonic, UL2
1623	float	RD	_FFT_UL3_AVG[0]	V	Average, Harmonic, UL3
1625	float	RD	_FFT_UL3_AVG[1]	V	Average, Harmonic, UL3
1627	float	RD	_FFT_UL3_AVG[2]	V	Average, Harmonic, UL3
1629	float	RD	_FFT_UL3_AVG[3]	V	Average, Harmonic, UL3
1631	float	RD	_FFT_UL3_AVG[4]	V	Average, Harmonic, UL3
1633	float	RD	_FFT_UL3_AVG[5]	V	Average, Harmonic, UL3
1635	float	RD	_FFT_UL3_AVG[6]	V	Average, Harmonic, UL3
1637	float	RD	_FFT_UL3_AVG[7]	V	Average, Harmonic, UL3
1639	float	RD	_FFT_UL3_AVG[8]	V	Average, Harmonic, UL3
1641	float	RD	_FFT_UL3_AVG[9]	V	Average, Harmonic, UL3
1643	float	RD	_FFT_UL3_AVG[10]	V	Average, Harmonic, UL3
1645	float	RD	_FFT_UL3_AVG[11]	V	Average, Harmonic, UL3
1647	float	RD	_FFT_UL3_AVG[12]	V	Average, Harmonic, UL3
1649	float	RD	_FFT_UL3_AVG[13]	V	Average, Harmonic, UL3
1651	float	RD	_FFT_UL3_AVG[14]	V	Average, Harmonic, UL3
1653	float	RD	_FFT_UL3_AVG[15]	V	Average, Harmonic, UL3
1655	float	RD	_FFT_UL3_AVG[16]	V	Average, Harmonic, UL3
1657	float	RD	_FFT_UL3_AVG[17]	V	Average, Harmonic, UL3
1659	float	RD	_FFT_UL3_AVG[18]	V	Average, Harmonic, UL3
1661	float	RD	_FFT_UL3_AVG[19]	V	Average, Harmonic, UL3
1663	float	RD	_FFT_UL3_AVG[20]	V	Average, Harmonic, UL3
1665	float	RD	_FFT_UL3_AVG[21]	V	Average, Harmonic, UL3
1667	float	RD	_FFT_UL3_AVG[22]	V	Average, Harmonic, UL3
1669	float	RD	_FFT_UL3_AVG[23]	V	Average, Harmonic, UL3
1671	float	RD	_FFT_UL3_AVG[24]	V	Average, Harmonic, UL3
1673	float	RD	_FFT_UL3_AVG[25]	V	Average, Harmonic, UL3
1675	float	RD	_FFT_UL3_AVG[26]	V	Average, Harmonic, UL3
1677	float	RD	_FFT_UL3_AVG[27]	V	Average, Harmonic, UL3
1679	float	RD	_FFT_UL3_AVG[28]	V	Average, Harmonic, UL3
1681	float	RD	_FFT_UL3_AVG[29]	V	Average, Harmonic, UL3
1683	float	RD	_FFT_UL3_AVG[30]	V	Average, Harmonic, UL3
1685	float	RD	_FFT_UL3_AVG[31]	V	Average, Harmonic, UL3
1687	float	RD	_FFT_UL3_AVG[32]	V	Average, Harmonic, UL3
1689	float	RD	_FFT_UL3_AVG[33]	V	Average, Harmonic, UL3
1691	float	RD	_FFT_UL3_AVG[34]	V	Average, Harmonic, UL3
1693	float	RD	_FFT_UL3_AVG[35]	V	Average, Harmonic, UL3
1695	float	RD	_FFT_UL3_AVG[36]	V	Average, Harmonic, UL3
1697	float	RD	_FFT_UL3_AVG[37]	V	Average, Harmonic, UL3
1699	float	RD	_FFT_UL3_AVG[38]	V	Average, Harmonic, UL3
1701	float	RD	_FFT_UL3_AVG[39]	V	Average, Harmonic, UL3
1703	float	RD	_FFT_UL4_AVG[0]	V	Average, Harmonic, UL4
1705	float	RD	_FFT_UL4_AVG[1]	V	Average, Harmonic, UL4
1707	float	RD	_FFT_UL4_AVG[2]	V	Average, Harmonic, UL4
1709	float	RD	_FFT_UL4_AVG[3]	V	Average, Harmonic, UL4
1711	float	RD	_FFT_UL4_AVG[4]	V	Average, Harmonic, UL4
1713	float	RD	_FFT_UL4_AVG[5]	V	Average, Harmonic, UL4
1715	float	RD	_FFT_UL4_AVG[6]	V	Average, Harmonic, UL4
1717	float	RD	_FFT_UL4_AVG[7]	V	Average, Harmonic, UL4
1719	float	RD	_FFT_UL4_AVG[8]	V	Average, Harmonic, UL4
1721	float	RD	_FFT_UL4_AVG[9]	V	Average, Harmonic, UL4
1723	float	RD	_FFT_UL4_AVG[10]	V	Average, Harmonic, UL4
1725	float	RD	_FFT_UL4_AVG[11]	V	Average, Harmonic, UL4
1727	float	RD	_FFT_UL4_AVG[12]	V	Average, Harmonic, UL4
1729	float	RD	_FFT_UL4_AVG[13]	V	Average, Harmonic, UL4

Address	Format	RD/WR	Designation	Unit	Note
1731	float	RD	_FFT_UL4_AVG[14]	V	Average, Harmonic, UL4
1733	float	RD	_FFT_UL4_AVG[15]	V	Average, Harmonic, UL4
1735	float	RD	_FFT_UL4_AVG[16]	V	Average, Harmonic, UL4
1737	float	RD	_FFT_UL4_AVG[17]	V	Average, Harmonic, UL4
1739	float	RD	_FFT_UL4_AVG[18]	V	Average, Harmonic, UL4
1741	float	RD	_FFT_UL4_AVG[19]	V	Average, Harmonic, UL4
1743	float	RD	_FFT_UL4_AVG[20]	V	Average, Harmonic, UL4
1745	float	RD	_FFT_UL4_AVG[21]	V	Average, Harmonic, UL4
1747	float	RD	_FFT_UL4_AVG[22]	V	Average, Harmonic, UL4
1749	float	RD	_FFT_UL4_AVG[23]	V	Average, Harmonic, UL4
1751	float	RD	_FFT_UL4_AVG[24]	V	Average, Harmonic, UL4
1753	float	RD	_FFT_UL4_AVG[25]	V	Average, Harmonic, UL4
1755	float	RD	_FFT_UL4_AVG[26]	V	Average, Harmonic, UL4
1757	float	RD	_FFT_UL4_AVG[27]	V	Average, Harmonic, UL4
1759	float	RD	_FFT_UL4_AVG[28]	V	Average, Harmonic, UL4
1761	float	RD	_FFT_UL4_AVG[29]	V	Average, Harmonic, UL4
1763	float	RD	_FFT_UL4_AVG[30]	V	Average, Harmonic, UL4
1765	float	RD	_FFT_UL4_AVG[31]	V	Average, Harmonic, UL4
1767	float	RD	_FFT_UL4_AVG[32]	V	Average, Harmonic, UL4
1769	float	RD	_FFT_UL4_AVG[33]	V	Average, Harmonic, UL4
1771	float	RD	_FFT_UL4_AVG[34]	V	Average, Harmonic, UL4
1773	float	RD	_FFT_UL4_AVG[35]	V	Average, Harmonic, UL4
1775	float	RD	_FFT_UL4_AVG[36]	V	Average, Harmonic, UL4
1777	float	RD	_FFT_UL4_AVG[37]	V	Average, Harmonic, UL4
1779	float	RD	_FFT_UL4_AVG[38]	V	Average, Harmonic, UL4
1781	float	RD	_FFT_UL4_AVG[39]	V	Average, Harmonic, UL4
1783	float	RD	_FFT_IL1_AVG[0]	A	Average, Harmonic, IL1
1785	float	RD	_FFT_IL1_AVG[1]	A	Average, Harmonic, IL1
1787	float	RD	_FFT_IL1_AVG[2]	A	Average, Harmonic, IL1
1789	float	RD	_FFT_IL1_AVG[3]	A	Average, Harmonic, IL1
1791	float	RD	_FFT_IL1_AVG[4]	A	Average, Harmonic, IL1
1793	float	RD	_FFT_IL1_AVG[5]	A	Average, Harmonic, IL1
1795	float	RD	_FFT_IL1_AVG[6]	A	Average, Harmonic, IL1
1797	float	RD	_FFT_IL1_AVG[7]	A	Average, Harmonic, IL1
1799	float	RD	_FFT_IL1_AVG[8]	A	Average, Harmonic, IL1
1801	float	RD	_FFT_IL1_AVG[9]	A	Average, Harmonic, IL1
1803	float	RD	_FFT_IL1_AVG[10]	A	Average, Harmonic, IL1
1805	float	RD	_FFT_IL1_AVG[11]	A	Average, Harmonic, IL1
1807	float	RD	_FFT_IL1_AVG[12]	A	Average, Harmonic, IL1
1809	float	RD	_FFT_IL1_AVG[13]	A	Average, Harmonic, IL1
1811	float	RD	_FFT_IL1_AVG[14]	A	Average, Harmonic, IL1
1813	float	RD	_FFT_IL1_AVG[15]	A	Average, Harmonic, IL1
1815	float	RD	_FFT_IL1_AVG[16]	A	Average, Harmonic, IL1
1817	float	RD	_FFT_IL1_AVG[17]	A	Average, Harmonic, IL1
1819	float	RD	_FFT_IL1_AVG[18]	A	Average, Harmonic, IL1
1821	float	RD	_FFT_IL1_AVG[19]	A	Average, Harmonic, IL1
1823	float	RD	_FFT_IL1_AVG[20]	A	Average, Harmonic, IL1
1825	float	RD	_FFT_IL1_AVG[21]	A	Average, Harmonic, IL1
1827	float	RD	_FFT_IL1_AVG[22]	A	Average, Harmonic, IL1
1829	float	RD	_FFT_IL1_AVG[23]	A	Average, Harmonic, IL1
1831	float	RD	_FFT_IL1_AVG[24]	A	Average, Harmonic, IL1
1833	float	RD	_FFT_IL1_AVG[25]	A	Average, Harmonic, IL1
1835	float	RD	_FFT_IL1_AVG[26]	A	Average, Harmonic, IL1
1837	float	RD	_FFT_IL1_AVG[27]	A	Average, Harmonic, IL1
1839	float	RD	_FFT_IL1_AVG[28]	A	Average, Harmonic, IL1
1841	float	RD	_FFT_IL1_AVG[29]	A	Average, Harmonic, IL1
1843	float	RD	_FFT_IL1_AVG[30]	A	Average, Harmonic, IL1
1845	float	RD	_FFT_IL1_AVG[31]	A	Average, Harmonic, IL1
1847	float	RD	_FFT_IL1_AVG[32]	A	Average, Harmonic, IL1
1849	float	RD	_FFT_IL1_AVG[33]	A	Average, Harmonic, IL1
1851	float	RD	_FFT_IL1_AVG[34]	A	Average, Harmonic, IL1
1853	float	RD	_FFT_IL1_AVG[35]	A	Average, Harmonic, IL1
1855	float	RD	_FFT_IL1_AVG[36]	A	Average, Harmonic, IL1
1857	float	RD	_FFT_IL1_AVG[37]	A	Average, Harmonic, IL1
1859	float	RD	_FFT_IL1_AVG[38]	A	Average, Harmonic, IL1
1861	float	RD	_FFT_IL1_AVG[39]	A	Average, Harmonic, IL1
1863	float	RD	_FFT_IL2_AVG[0]	A	Average, Harmonic, IL2

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1865	float	RD	_FFT_IL2_AVG[1]	A	Average, Harmonic, IL2
1867	float	RD	_FFT_IL2_AVG[2]	A	Average, Harmonic, IL2
1869	float	RD	_FFT_IL2_AVG[3]	A	Average, Harmonic, IL2
1871	float	RD	_FFT_IL2_AVG[4]	A	Average, Harmonic, IL2
1873	float	RD	_FFT_IL2_AVG[5]	A	Average, Harmonic, IL2
1875	float	RD	_FFT_IL2_AVG[6]	A	Average, Harmonic, IL2
1877	float	RD	_FFT_IL2_AVG[7]	A	Average, Harmonic, IL2
1879	float	RD	_FFT_IL2_AVG[8]	A	Average, Harmonic, IL2
1881	float	RD	_FFT_IL2_AVG[9]	A	Average, Harmonic, IL2
1883	float	RD	_FFT_IL2_AVG[10]	A	Average, Harmonic, IL2
1885	float	RD	_FFT_IL2_AVG[11]	A	Average, Harmonic, IL2
1887	float	RD	_FFT_IL2_AVG[12]	A	Average, Harmonic, IL2
1889	float	RD	_FFT_IL2_AVG[13]	A	Average, Harmonic, IL2
1891	float	RD	_FFT_IL2_AVG[14]	A	Average, Harmonic, IL2
1893	float	RD	_FFT_IL2_AVG[15]	A	Average, Harmonic, IL2
1895	float	RD	_FFT_IL2_AVG[16]	A	Average, Harmonic, IL2
1897	float	RD	_FFT_IL2_AVG[17]	A	Average, Harmonic, IL2
1899	float	RD	_FFT_IL2_AVG[18]	A	Average, Harmonic, IL2
1901	float	RD	_FFT_IL2_AVG[19]	A	Average, Harmonic, IL2
1903	float	RD	_FFT_IL2_AVG[20]	A	Average, Harmonic, IL2
1905	float	RD	_FFT_IL2_AVG[21]	A	Average, Harmonic, IL2
1907	float	RD	_FFT_IL2_AVG[22]	A	Average, Harmonic, IL2
1909	float	RD	_FFT_IL2_AVG[23]	A	Average, Harmonic, IL2
1911	float	RD	_FFT_IL2_AVG[24]	A	Average, Harmonic, IL2
1913	float	RD	_FFT_IL2_AVG[25]	A	Average, Harmonic, IL2
1915	float	RD	_FFT_IL2_AVG[26]	A	Average, Harmonic, IL2
1917	float	RD	_FFT_IL2_AVG[27]	A	Average, Harmonic, IL2
1919	float	RD	_FFT_IL2_AVG[28]	A	Average, Harmonic, IL2
1921	float	RD	_FFT_IL2_AVG[29]	A	Average, Harmonic, IL2
1923	float	RD	_FFT_IL2_AVG[30]	A	Average, Harmonic, IL2
1925	float	RD	_FFT_IL2_AVG[31]	A	Average, Harmonic, IL2
1927	float	RD	_FFT_IL2_AVG[32]	A	Average, Harmonic, IL2
1929	float	RD	_FFT_IL2_AVG[33]	A	Average, Harmonic, IL2
1931	float	RD	_FFT_IL2_AVG[34]	A	Average, Harmonic, IL2
1933	float	RD	_FFT_IL2_AVG[35]	A	Average, Harmonic, IL2
1935	float	RD	_FFT_IL2_AVG[36]	A	Average, Harmonic, IL2
1937	float	RD	_FFT_IL2_AVG[37]	A	Average, Harmonic, IL2
1939	float	RD	_FFT_IL2_AVG[38]	A	Average, Harmonic, IL2
1941	float	RD	_FFT_IL2_AVG[39]	A	Average, Harmonic, IL2
1943	float	RD	_FFT_IL3_AVG[0]	A	Average, Harmonic, IL3
1945	float	RD	_FFT_IL3_AVG[1]	A	Average, Harmonic, IL3
1947	float	RD	_FFT_IL3_AVG[2]	A	Average, Harmonic, IL3
1949	float	RD	_FFT_IL3_AVG[3]	A	Average, Harmonic, IL3
1951	float	RD	_FFT_IL3_AVG[4]	A	Average, Harmonic, IL3
1953	float	RD	_FFT_IL3_AVG[5]	A	Average, Harmonic, IL3
1955	float	RD	_FFT_IL3_AVG[6]	A	Average, Harmonic, IL3
1957	float	RD	_FFT_IL3_AVG[7]	A	Average, Harmonic, IL3
1959	float	RD	_FFT_IL3_AVG[8]	A	Average, Harmonic, IL3
1961	float	RD	_FFT_IL3_AVG[9]	A	Average, Harmonic, IL3
1963	float	RD	_FFT_IL3_AVG[10]	A	Average, Harmonic, IL3
1965	float	RD	_FFT_IL3_AVG[11]	A	Average, Harmonic, IL3
1967	float	RD	_FFT_IL3_AVG[12]	A	Average, Harmonic, IL3
1969	float	RD	_FFT_IL3_AVG[13]	A	Average, Harmonic, IL3
1971	float	RD	_FFT_IL3_AVG[14]	A	Average, Harmonic, IL3
1973	float	RD	_FFT_IL3_AVG[15]	A	Average, Harmonic, IL3
1975	float	RD	_FFT_IL3_AVG[16]	A	Average, Harmonic, IL3
1977	float	RD	_FFT_IL3_AVG[17]	A	Average, Harmonic, IL3
1979	float	RD	_FFT_IL3_AVG[18]	A	Average, Harmonic, IL3
1981	float	RD	_FFT_IL3_AVG[19]	A	Average, Harmonic, IL3
1983	float	RD	_FFT_IL3_AVG[20]	A	Average, Harmonic, IL3
1985	float	RD	_FFT_IL3_AVG[21]	A	Average, Harmonic, IL3
1987	float	RD	_FFT_IL3_AVG[22]	A	Average, Harmonic, IL3
1989	float	RD	_FFT_IL3_AVG[23]	A	Average, Harmonic, IL3
1991	float	RD	_FFT_IL3_AVG[24]	A	Average, Harmonic, IL3
1993	float	RD	_FFT_IL3_AVG[25]	A	Average, Harmonic, IL3
1995	float	RD	_FFT_IL3_AVG[26]	A	Average, Harmonic, IL3
1997	float	RD	_FFT_IL3_AVG[27]	A	Average, Harmonic, IL3

Address	Format	RD/WR	Designation	Unit	Note
1999	float	RD	_FFT_IL3_AVG[28]	A	Average, Harmonic, IL3
2001	float	RD	_FFT_IL3_AVG[29]	A	Average, Harmonic, IL3
2003	float	RD	_FFT_IL3_AVG[30]	A	Average, Harmonic, IL3
2005	float	RD	_FFT_IL3_AVG[31]	A	Average, Harmonic, IL3
2007	float	RD	_FFT_IL3_AVG[32]	A	Average, Harmonic, IL3
2009	float	RD	_FFT_IL3_AVG[33]	A	Average, Harmonic, IL3
2011	float	RD	_FFT_IL3_AVG[34]	A	Average, Harmonic, IL3
2013	float	RD	_FFT_IL3_AVG[35]	A	Average, Harmonic, IL3
2015	float	RD	_FFT_IL3_AVG[36]	A	Average, Harmonic, IL3
2017	float	RD	_FFT_IL3_AVG[37]	A	Average, Harmonic, IL3
2019	float	RD	_FFT_IL3_AVG[38]	A	Average, Harmonic, IL3
2021	float	RD	_FFT_IL3_AVG[39]	A	Average, Harmonic, IL3
2023	float	RD	_FFT_IL4_AVG[0]	A	Average, Harmonic, IL4
2025	float	RD	_FFT_IL4_AVG[1]	A	Average, Harmonic, IL4
2027	float	RD	_FFT_IL4_AVG[2]	A	Average, Harmonic, IL4
2029	float	RD	_FFT_IL4_AVG[3]	A	Average, Harmonic, IL4
2031	float	RD	_FFT_IL4_AVG[4]	A	Average, Harmonic, IL4
2033	float	RD	_FFT_IL4_AVG[5]	A	Average, Harmonic, IL4
2035	float	RD	_FFT_IL4_AVG[6]	A	Average, Harmonic, IL4
2037	float	RD	_FFT_IL4_AVG[7]	A	Average, Harmonic, IL4
2039	float	RD	_FFT_IL4_AVG[8]	A	Average, Harmonic, IL4
2041	float	RD	_FFT_IL4_AVG[9]	A	Average, Harmonic, IL4
2043	float	RD	_FFT_IL4_AVG[10]	A	Average, Harmonic, IL4
2045	float	RD	_FFT_IL4_AVG[11]	A	Average, Harmonic, IL4
2047	float	RD	_FFT_IL4_AVG[12]	A	Average, Harmonic, IL4
2049	float	RD	_FFT_IL4_AVG[13]	A	Average, Harmonic, IL4
2051	float	RD	_FFT_IL4_AVG[14]	A	Average, Harmonic, IL4
2053	float	RD	_FFT_IL4_AVG[15]	A	Average, Harmonic, IL4
2055	float	RD	_FFT_IL4_AVG[16]	A	Average, Harmonic, IL4
2057	float	RD	_FFT_IL4_AVG[17]	A	Average, Harmonic, IL4
2059	float	RD	_FFT_IL4_AVG[18]	A	Average, Harmonic, IL4
2061	float	RD	_FFT_IL4_AVG[19]	A	Average, Harmonic, IL4
2063	float	RD	_FFT_IL4_AVG[20]	A	Average, Harmonic, IL4
2065	float	RD	_FFT_IL4_AVG[21]	A	Average, Harmonic, IL4
2067	float	RD	_FFT_IL4_AVG[22]	A	Average, Harmonic, IL4
2069	float	RD	_FFT_IL4_AVG[23]	A	Average, Harmonic, IL4
2071	float	RD	_FFT_IL4_AVG[24]	A	Average, Harmonic, IL4
2073	float	RD	_FFT_IL4_AVG[25]	A	Average, Harmonic, IL4
2075	float	RD	_FFT_IL4_AVG[26]	A	Average, Harmonic, IL4
2077	float	RD	_FFT_IL4_AVG[27]	A	Average, Harmonic, IL4
2079	float	RD	_FFT_IL4_AVG[28]	A	Average, Harmonic, IL4
2081	float	RD	_FFT_IL4_AVG[29]	A	Average, Harmonic, IL4
2083	float	RD	_FFT_IL4_AVG[30]	A	Average, Harmonic, IL4
2085	float	RD	_FFT_IL4_AVG[31]	A	Average, Harmonic, IL4
2087	float	RD	_FFT_IL4_AVG[32]	A	Average, Harmonic, IL4
2089	float	RD	_FFT_IL4_AVG[33]	A	Average, Harmonic, IL4
2091	float	RD	_FFT_IL4_AVG[34]	A	Average, Harmonic, IL4
2093	float	RD	_FFT_IL4_AVG[35]	A	Average, Harmonic, IL4
2095	float	RD	_FFT_IL4_AVG[36]	A	Average, Harmonic, IL4
2097	float	RD	_FFT_IL4_AVG[37]	A	Average, Harmonic, IL4
2099	float	RD	_FFT_IL4_AVG[38]	A	Average, Harmonic, IL4
2101	float	RD	_FFT_IL4_AVG[39]	A	Average, Harmonic, IL4
2103	float	RD	_FFT_PL1_AVG[0]	W	Average, Harmonic, PL1
2105	float	RD	_FFT_PL1_AVG[1]	W	Average, Harmonic, PL1
2107	float	RD	_FFT_PL1_AVG[2]	W	Average, Harmonic, PL1
2109	float	RD	_FFT_PL1_AVG[3]	W	Average, Harmonic, PL1
2111	float	RD	_FFT_PL1_AVG[4]	W	Average, Harmonic, PL1
2113	float	RD	_FFT_PL1_AVG[5]	W	Average, Harmonic, PL1
2115	float	RD	_FFT_PL1_AVG[6]	W	Average, Harmonic, PL1
2117	float	RD	_FFT_PL1_AVG[7]	W	Average, Harmonic, PL1
2119	float	RD	_FFT_PL1_AVG[8]	W	Average, Harmonic, PL1
2121	float	RD	_FFT_PL1_AVG[9]	W	Average, Harmonic, PL1
2123	float	RD	_FFT_PL1_AVG[10]	W	Average, Harmonic, PL1
2125	float	RD	_FFT_PL1_AVG[11]	W	Average, Harmonic, PL1
2127	float	RD	_FFT_PL1_AVG[12]	W	Average, Harmonic, PL1
2129	float	RD	_FFT_PL1_AVG[13]	W	Average, Harmonic, PL1
2131	float	RD	_FFT_PL1_AVG[14]	W	Average, Harmonic, PL1

Address	Format	RD/WR	Designation	Unit	Note
2133	float	RD	_FFT_PL1_AVG[15]	W	Average, Harmonic, PL1
2135	float	RD	_FFT_PL1_AVG[16]	W	Average, Harmonic, PL1
2137	float	RD	_FFT_PL1_AVG[17]	W	Average, Harmonic, PL1
2139	float	RD	_FFT_PL1_AVG[18]	W	Average, Harmonic, PL1
2141	float	RD	_FFT_PL1_AVG[19]	W	Average, Harmonic, PL1
2143	float	RD	_FFT_PL1_AVG[20]	W	Average, Harmonic, PL1
2145	float	RD	_FFT_PL1_AVG[21]	W	Average, Harmonic, PL1
2147	float	RD	_FFT_PL1_AVG[22]	W	Average, Harmonic, PL1
2149	float	RD	_FFT_PL1_AVG[23]	W	Average, Harmonic, PL1
2151	float	RD	_FFT_PL1_AVG[24]	W	Average, Harmonic, PL1
2153	float	RD	_FFT_PL1_AVG[25]	W	Average, Harmonic, PL1
2155	float	RD	_FFT_PL1_AVG[26]	W	Average, Harmonic, PL1
2157	float	RD	_FFT_PL1_AVG[27]	W	Average, Harmonic, PL1
2159	float	RD	_FFT_PL1_AVG[28]	W	Average, Harmonic, PL1
2161	float	RD	_FFT_PL1_AVG[29]	W	Average, Harmonic, PL1
2163	float	RD	_FFT_PL1_AVG[30]	W	Average, Harmonic, PL1
2165	float	RD	_FFT_PL1_AVG[31]	W	Average, Harmonic, PL1
2167	float	RD	_FFT_PL1_AVG[32]	W	Average, Harmonic, PL1
2169	float	RD	_FFT_PL1_AVG[33]	W	Average, Harmonic, PL1
2171	float	RD	_FFT_PL1_AVG[34]	W	Average, Harmonic, PL1
2173	float	RD	_FFT_PL1_AVG[35]	W	Average, Harmonic, PL1
2175	float	RD	_FFT_PL1_AVG[36]	W	Average, Harmonic, PL1
2177	float	RD	_FFT_PL1_AVG[37]	W	Average, Harmonic, PL1
2179	float	RD	_FFT_PL1_AVG[38]	W	Average, Harmonic, PL1
2181	float	RD	_FFT_PL1_AVG[39]	W	Average, Harmonic, PL1
2183	float	RD	_FFT_PL2_AVG[0]	W	Average, Harmonic, PL2
2185	float	RD	_FFT_PL2_AVG[1]	W	Average, Harmonic, PL2
2187	float	RD	_FFT_PL2_AVG[2]	W	Average, Harmonic, PL2
2189	float	RD	_FFT_PL2_AVG[3]	W	Average, Harmonic, PL2
2191	float	RD	_FFT_PL2_AVG[4]	W	Average, Harmonic, PL2
2193	float	RD	_FFT_PL2_AVG[5]	W	Average, Harmonic, PL2
2195	float	RD	_FFT_PL2_AVG[6]	W	Average, Harmonic, PL2
2197	float	RD	_FFT_PL2_AVG[7]	W	Average, Harmonic, PL2
2199	float	RD	_FFT_PL2_AVG[8]	W	Average, Harmonic, PL2
2201	float	RD	_FFT_PL2_AVG[9]	W	Average, Harmonic, PL2
2203	float	RD	_FFT_PL2_AVG[10]	W	Average, Harmonic, PL2
2205	float	RD	_FFT_PL2_AVG[11]	W	Average, Harmonic, PL2
2207	float	RD	_FFT_PL2_AVG[12]	W	Average, Harmonic, PL2
2209	float	RD	_FFT_PL2_AVG[13]	W	Average, Harmonic, PL2
2211	float	RD	_FFT_PL2_AVG[14]	W	Average, Harmonic, PL2
2213	float	RD	_FFT_PL2_AVG[15]	W	Average, Harmonic, PL2
2215	float	RD	_FFT_PL2_AVG[16]	W	Average, Harmonic, PL2
2217	float	RD	_FFT_PL2_AVG[17]	W	Average, Harmonic, PL2
2219	float	RD	_FFT_PL2_AVG[18]	W	Average, Harmonic, PL2
2221	float	RD	_FFT_PL2_AVG[19]	W	Average, Harmonic, PL2
2223	float	RD	_FFT_PL2_AVG[20]	W	Average, Harmonic, PL2
2225	float	RD	_FFT_PL2_AVG[21]	W	Average, Harmonic, PL2
2227	float	RD	_FFT_PL2_AVG[22]	W	Average, Harmonic, PL2
2229	float	RD	_FFT_PL2_AVG[23]	W	Average, Harmonic, PL2
2231	float	RD	_FFT_PL2_AVG[24]	W	Average, Harmonic, PL2
2233	float	RD	_FFT_PL2_AVG[25]	W	Average, Harmonic, PL2
2235	float	RD	_FFT_PL2_AVG[26]	W	Average, Harmonic, PL2
2237	float	RD	_FFT_PL2_AVG[27]	W	Average, Harmonic, PL2
2239	float	RD	_FFT_PL2_AVG[28]	W	Average, Harmonic, PL2
2241	float	RD	_FFT_PL2_AVG[29]	W	Average, Harmonic, PL2
2243	float	RD	_FFT_PL2_AVG[30]	W	Average, Harmonic, PL2
2245	float	RD	_FFT_PL2_AVG[31]	W	Average, Harmonic, PL2
2247	float	RD	_FFT_PL2_AVG[32]	W	Average, Harmonic, PL2
2249	float	RD	_FFT_PL2_AVG[33]	W	Average, Harmonic, PL2
2251	float	RD	_FFT_PL2_AVG[34]	W	Average, Harmonic, PL2
2253	float	RD	_FFT_PL2_AVG[35]	W	Average, Harmonic, PL2
2255	float	RD	_FFT_PL2_AVG[36]	W	Average, Harmonic, PL2
2257	float	RD	_FFT_PL2_AVG[37]	W	Average, Harmonic, PL2
2259	float	RD	_FFT_PL2_AVG[38]	W	Average, Harmonic, PL2
2261	float	RD	_FFT_PL2_AVG[39]	W	Average, Harmonic, PL2
2263	float	RD	_FFT_PL3_AVG[0]	W	Average, Harmonic, PL3
2265	float	RD	_FFT_PL3_AVG[1]	W	Average, Harmonic, PL3

Address	Format	RD/WR	Designation	Unit	Note
2267	float	RD	_FFT_PL3_AVG[2]	W	Average, Harmonic, PL3
2269	float	RD	_FFT_PL3_AVG[3]	W	Average, Harmonic, PL3
2271	float	RD	_FFT_PL3_AVG[4]	W	Average, Harmonic, PL3
2273	float	RD	_FFT_PL3_AVG[5]	W	Average, Harmonic, PL3
2275	float	RD	_FFT_PL3_AVG[6]	W	Average, Harmonic, PL3
2277	float	RD	_FFT_PL3_AVG[7]	W	Average, Harmonic, PL3
2279	float	RD	_FFT_PL3_AVG[8]	W	Average, Harmonic, PL3
2281	float	RD	_FFT_PL3_AVG[9]	W	Average, Harmonic, PL3
2283	float	RD	_FFT_PL3_AVG[10]	W	Average, Harmonic, PL3
2285	float	RD	_FFT_PL3_AVG[11]	W	Average, Harmonic, PL3
2287	float	RD	_FFT_PL3_AVG[12]	W	Average, Harmonic, PL3
2289	float	RD	_FFT_PL3_AVG[13]	W	Average, Harmonic, PL3
2291	float	RD	_FFT_PL3_AVG[14]	W	Average, Harmonic, PL3
2293	float	RD	_FFT_PL3_AVG[15]	W	Average, Harmonic, PL3
2295	float	RD	_FFT_PL3_AVG[16]	W	Average, Harmonic, PL3
2297	float	RD	_FFT_PL3_AVG[17]	W	Average, Harmonic, PL3
2299	float	RD	_FFT_PL3_AVG[18]	W	Average, Harmonic, PL3
2301	float	RD	_FFT_PL3_AVG[19]	W	Average, Harmonic, PL3
2303	float	RD	_FFT_PL3_AVG[20]	W	Average, Harmonic, PL3
2305	float	RD	_FFT_PL3_AVG[21]	W	Average, Harmonic, PL3
2307	float	RD	_FFT_PL3_AVG[22]	W	Average, Harmonic, PL3
2309	float	RD	_FFT_PL3_AVG[23]	W	Average, Harmonic, PL3
2311	float	RD	_FFT_PL3_AVG[24]	W	Average, Harmonic, PL3
2313	float	RD	_FFT_PL3_AVG[25]	W	Average, Harmonic, PL3
2315	float	RD	_FFT_PL3_AVG[26]	W	Average, Harmonic, PL3
2317	float	RD	_FFT_PL3_AVG[27]	W	Average, Harmonic, PL3
2319	float	RD	_FFT_PL3_AVG[28]	W	Average, Harmonic, PL3
2321	float	RD	_FFT_PL3_AVG[29]	W	Average, Harmonic, PL3
2323	float	RD	_FFT_PL3_AVG[30]	W	Average, Harmonic, PL3
2325	float	RD	_FFT_PL3_AVG[31]	W	Average, Harmonic, PL3
2327	float	RD	_FFT_PL3_AVG[32]	W	Average, Harmonic, PL3
2329	float	RD	_FFT_PL3_AVG[33]	W	Average, Harmonic, PL3
2331	float	RD	_FFT_PL3_AVG[34]	W	Average, Harmonic, PL3
2333	float	RD	_FFT_PL3_AVG[35]	W	Average, Harmonic, PL3
2335	float	RD	_FFT_PL3_AVG[36]	W	Average, Harmonic, PL3
2337	float	RD	_FFT_PL3_AVG[37]	W	Average, Harmonic, PL3
2339	float	RD	_FFT_PL3_AVG[38]	W	Average, Harmonic, PL3
2341	float	RD	_FFT_PL3_AVG[39]	W	Average, Harmonic, PL3
2343	float	RD	_FFT_PL4_AVG[0]	W	Average, Harmonic, PL4
2345	float	RD	_FFT_PL4_AVG[1]	W	Average, Harmonic, PL4
2347	float	RD	_FFT_PL4_AVG[2]	W	Average, Harmonic, PL4
2349	float	RD	_FFT_PL4_AVG[3]	W	Average, Harmonic, PL4
2351	float	RD	_FFT_PL4_AVG[4]	W	Average, Harmonic, PL4
2353	float	RD	_FFT_PL4_AVG[5]	W	Average, Harmonic, PL4
2355	float	RD	_FFT_PL4_AVG[6]	W	Average, Harmonic, PL4
2357	float	RD	_FFT_PL4_AVG[7]	W	Average, Harmonic, PL4
2359	float	RD	_FFT_PL4_AVG[8]	W	Average, Harmonic, PL4
2361	float	RD	_FFT_PL4_AVG[9]	W	Average, Harmonic, PL4
2363	float	RD	_FFT_PL4_AVG[10]	W	Average, Harmonic, PL4
2365	float	RD	_FFT_PL4_AVG[11]	W	Average, Harmonic, PL4
2367	float	RD	_FFT_PL4_AVG[12]	W	Average, Harmonic, PL4
2369	float	RD	_FFT_PL4_AVG[13]	W	Average, Harmonic, PL4
2371	float	RD	_FFT_PL4_AVG[14]	W	Average, Harmonic, PL4
2373	float	RD	_FFT_PL4_AVG[15]	W	Average, Harmonic, PL4
2375	float	RD	_FFT_PL4_AVG[16]	W	Average, Harmonic, PL4
2377	float	RD	_FFT_PL4_AVG[17]	W	Average, Harmonic, PL4
2379	float	RD	_FFT_PL4_AVG[18]	W	Average, Harmonic, PL4
2381	float	RD	_FFT_PL4_AVG[19]	W	Average, Harmonic, PL4
2383	float	RD	_FFT_PL4_AVG[20]	W	Average, Harmonic, PL4
2385	float	RD	_FFT_PL4_AVG[21]	W	Average, Harmonic, PL4
2387	float	RD	_FFT_PL4_AVG[22]	W	Average, Harmonic, PL4
2389	float	RD	_FFT_PL4_AVG[23]	W	Average, Harmonic, PL4
2391	float	RD	_FFT_PL4_AVG[24]	W	Average, Harmonic, PL4
2393	float	RD	_FFT_PL4_AVG[25]	W	Average, Harmonic, PL4
2395	float	RD	_FFT_PL4_AVG[26]	W	Average, Harmonic, PL4
2397	float	RD	_FFT_PL4_AVG[27]	W	Average, Harmonic, PL4
2399	float	RD	_FFT_PL4_AVG[28]	W	Average, Harmonic, PL4

Address	Format	RD/WR	Designation	Unit	Note
2401	float	RD	_FFT_PL4_AVG[29]	W	Average, Harmonic, PL4
2403	float	RD	_FFT_PL4_AVG[30]	W	Average, Harmonic, PL4
2405	float	RD	_FFT_PL4_AVG[31]	W	Average, Harmonic, PL4
2407	float	RD	_FFT_PL4_AVG[32]	W	Average, Harmonic, PL4
2409	float	RD	_FFT_PL4_AVG[33]	W	Average, Harmonic, PL4
2411	float	RD	_FFT_PL4_AVG[34]	W	Average, Harmonic, PL4
2413	float	RD	_FFT_PL4_AVG[35]	W	Average, Harmonic, PL4
2415	float	RD	_FFT_PL4_AVG[36]	W	Average, Harmonic, PL4
2417	float	RD	_FFT_PL4_AVG[37]	W	Average, Harmonic, PL4
2419	float	RD	_FFT_PL4_AVG[38]	W	Average, Harmonic, PL4
2421	float	RD	_FFT_PL4_AVG[39]	W	Average, Harmonic, PL4
2423	float	RD	_FFT_QL1_AVG[0]	var	Average, Harmonic, QL1
2425	float	RD	_FFT_QL1_AVG[1]	var	Average, Harmonic, QL1
2427	float	RD	_FFT_QL1_AVG[2]	var	Average, Harmonic, QL1
2429	float	RD	_FFT_QL1_AVG[3]	var	Average, Harmonic, QL1
2431	float	RD	_FFT_QL1_AVG[4]	var	Average, Harmonic, QL1
2433	float	RD	_FFT_QL1_AVG[5]	var	Average, Harmonic, QL1
2435	float	RD	_FFT_QL1_AVG[6]	var	Average, Harmonic, QL1
2437	float	RD	_FFT_QL1_AVG[7]	var	Average, Harmonic, QL1
2439	float	RD	_FFT_QL1_AVG[8]	var	Average, Harmonic, QL1
2441	float	RD	_FFT_QL1_AVG[9]	var	Average, Harmonic, QL1
2443	float	RD	_FFT_QL1_AVG[10]	var	Average, Harmonic, QL1
2445	float	RD	_FFT_QL1_AVG[11]	var	Average, Harmonic, QL1
2447	float	RD	_FFT_QL1_AVG[12]	var	Average, Harmonic, QL1
2449	float	RD	_FFT_QL1_AVG[13]	var	Average, Harmonic, QL1
2451	float	RD	_FFT_QL1_AVG[14]	var	Average, Harmonic, QL1
2453	float	RD	_FFT_QL1_AVG[15]	var	Average, Harmonic, QL1
2455	float	RD	_FFT_QL1_AVG[16]	var	Average, Harmonic, QL1
2457	float	RD	_FFT_QL1_AVG[17]	var	Average, Harmonic, QL1
2459	float	RD	_FFT_QL1_AVG[18]	var	Average, Harmonic, QL1
2461	float	RD	_FFT_QL1_AVG[19]	var	Average, Harmonic, QL1
2463	float	RD	_FFT_QL1_AVG[20]	var	Average, Harmonic, QL1
2465	float	RD	_FFT_QL1_AVG[21]	var	Average, Harmonic, QL1
2467	float	RD	_FFT_QL1_AVG[22]	var	Average, Harmonic, QL1
2469	float	RD	_FFT_QL1_AVG[23]	var	Average, Harmonic, QL1
2471	float	RD	_FFT_QL1_AVG[24]	var	Average, Harmonic, QL1
2473	float	RD	_FFT_QL1_AVG[25]	var	Average, Harmonic, QL1
2475	float	RD	_FFT_QL1_AVG[26]	var	Average, Harmonic, QL1
2477	float	RD	_FFT_QL1_AVG[27]	var	Average, Harmonic, QL1
2479	float	RD	_FFT_QL1_AVG[28]	var	Average, Harmonic, QL1
2481	float	RD	_FFT_QL1_AVG[29]	var	Average, Harmonic, QL1
2483	float	RD	_FFT_QL1_AVG[30]	var	Average, Harmonic, QL1
2485	float	RD	_FFT_QL1_AVG[31]	var	Average, Harmonic, QL1
2487	float	RD	_FFT_QL1_AVG[32]	var	Average, Harmonic, QL1
2489	float	RD	_FFT_QL1_AVG[33]	var	Average, Harmonic, QL1
2491	float	RD	_FFT_QL1_AVG[34]	var	Average, Harmonic, QL1
2493	float	RD	_FFT_QL1_AVG[35]	var	Average, Harmonic, QL1
2495	float	RD	_FFT_QL1_AVG[36]	var	Average, Harmonic, QL1
2497	float	RD	_FFT_QL1_AVG[37]	var	Average, Harmonic, QL1
2499	float	RD	_FFT_QL1_AVG[38]	var	Average, Harmonic, QL1
2501	float	RD	_FFT_QL1_AVG[39]	var	Average, Harmonic, QL1
2503	float	RD	_FFT_QL2_AVG[0]	var	Average, Harmonic, QL2
2505	float	RD	_FFT_QL2_AVG[1]	var	Average, Harmonic, QL2
2507	float	RD	_FFT_QL2_AVG[2]	var	Average, Harmonic, QL2
2509	float	RD	_FFT_QL2_AVG[3]	var	Average, Harmonic, QL2
2511	float	RD	_FFT_QL2_AVG[4]	var	Average, Harmonic, QL2
2513	float	RD	_FFT_QL2_AVG[5]	var	Average, Harmonic, QL2
2515	float	RD	_FFT_QL2_AVG[6]	var	Average, Harmonic, QL2
2517	float	RD	_FFT_QL2_AVG[7]	var	Average, Harmonic, QL2
2519	float	RD	_FFT_QL2_AVG[8]	var	Average, Harmonic, QL2
2521	float	RD	_FFT_QL2_AVG[9]	var	Average, Harmonic, QL2
2523	float	RD	_FFT_QL2_AVG[10]	var	Average, Harmonic, QL2
2525	float	RD	_FFT_QL2_AVG[11]	var	Average, Harmonic, QL2
2527	float	RD	_FFT_QL2_AVG[12]	var	Average, Harmonic, QL2
2529	float	RD	_FFT_QL2_AVG[13]	var	Average, Harmonic, QL2
2531	float	RD	_FFT_QL2_AVG[14]	var	Average, Harmonic, QL2
2533	float	RD	_FFT_QL2_AVG[15]	var	Average, Harmonic, QL2



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2535	float	RD	_FFT_QL2_AVG[16]	var	Average, Harmonic, QL2
2537	float	RD	_FFT_QL2_AVG[17]	var	Average, Harmonic, QL2
2539	float	RD	_FFT_QL2_AVG[18]	var	Average, Harmonic, QL2
2541	float	RD	_FFT_QL2_AVG[19]	var	Average, Harmonic, QL2
2543	float	RD	_FFT_QL2_AVG[20]	var	Average, Harmonic, QL2
2545	float	RD	_FFT_QL2_AVG[21]	var	Average, Harmonic, QL2
2547	float	RD	_FFT_QL2_AVG[22]	var	Average, Harmonic, QL2
2549	float	RD	_FFT_QL2_AVG[23]	var	Average, Harmonic, QL2
2551	float	RD	_FFT_QL2_AVG[24]	var	Average, Harmonic, QL2
2553	float	RD	_FFT_QL2_AVG[25]	var	Average, Harmonic, QL2
2555	float	RD	_FFT_QL2_AVG[26]	var	Average, Harmonic, QL2
2557	float	RD	_FFT_QL2_AVG[27]	var	Average, Harmonic, QL2
2559	float	RD	_FFT_QL2_AVG[28]	var	Average, Harmonic, QL2
2561	float	RD	_FFT_QL2_AVG[29]	var	Average, Harmonic, QL2
2563	float	RD	_FFT_QL2_AVG[30]	var	Average, Harmonic, QL2
2565	float	RD	_FFT_QL2_AVG[31]	var	Average, Harmonic, QL2
2567	float	RD	_FFT_QL2_AVG[32]	var	Average, Harmonic, QL2
2569	float	RD	_FFT_QL2_AVG[33]	var	Average, Harmonic, QL2
2571	float	RD	_FFT_QL2_AVG[34]	var	Average, Harmonic, QL2
2573	float	RD	_FFT_QL2_AVG[35]	var	Average, Harmonic, QL2
2575	float	RD	_FFT_QL2_AVG[36]	var	Average, Harmonic, QL2
2577	float	RD	_FFT_QL2_AVG[37]	var	Average, Harmonic, QL2
2579	float	RD	_FFT_QL2_AVG[38]	var	Average, Harmonic, QL2
2581	float	RD	_FFT_QL2_AVG[39]	var	Average, Harmonic, QL2
2583	float	RD	_FFT_QL3_AVG[0]	var	Average, Harmonic, QL3
2585	float	RD	_FFT_QL3_AVG[1]	var	Average, Harmonic, QL3
2587	float	RD	_FFT_QL3_AVG[2]	var	Average, Harmonic, QL3
2589	float	RD	_FFT_QL3_AVG[3]	var	Average, Harmonic, QL3
2591	float	RD	_FFT_QL3_AVG[4]	var	Average, Harmonic, QL3
2593	float	RD	_FFT_QL3_AVG[5]	var	Average, Harmonic, QL3
2595	float	RD	_FFT_QL3_AVG[6]	var	Average, Harmonic, QL3
2597	float	RD	_FFT_QL3_AVG[7]	var	Average, Harmonic, QL3
2599	float	RD	_FFT_QL3_AVG[8]	var	Average, Harmonic, QL3
2601	float	RD	_FFT_QL3_AVG[9]	var	Average, Harmonic, QL3
2603	float	RD	_FFT_QL3_AVG[10]	var	Average, Harmonic, QL3
2605	float	RD	_FFT_QL3_AVG[11]	var	Average, Harmonic, QL3
2607	float	RD	_FFT_QL3_AVG[12]	var	Average, Harmonic, QL3
2609	float	RD	_FFT_QL3_AVG[13]	var	Average, Harmonic, QL3
2611	float	RD	_FFT_QL3_AVG[14]	var	Average, Harmonic, QL3
2613	float	RD	_FFT_QL3_AVG[15]	var	Average, Harmonic, QL3
2615	float	RD	_FFT_QL3_AVG[16]	var	Average, Harmonic, QL3
2617	float	RD	_FFT_QL3_AVG[17]	var	Average, Harmonic, QL3
2619	float	RD	_FFT_QL3_AVG[18]	var	Average, Harmonic, QL3
2621	float	RD	_FFT_QL3_AVG[19]	var	Average, Harmonic, QL3
2623	float	RD	_FFT_QL3_AVG[20]	var	Average, Harmonic, QL3
2625	float	RD	_FFT_QL3_AVG[21]	var	Average, Harmonic, QL3
2627	float	RD	_FFT_QL3_AVG[22]	var	Average, Harmonic, QL3
2629	float	RD	_FFT_QL3_AVG[23]	var	Average, Harmonic, QL3
2631	float	RD	_FFT_QL3_AVG[24]	var	Average, Harmonic, QL3
2633	float	RD	_FFT_QL3_AVG[25]	var	Average, Harmonic, QL3
2635	float	RD	_FFT_QL3_AVG[26]	var	Average, Harmonic, QL3
2637	float	RD	_FFT_QL3_AVG[27]	var	Average, Harmonic, QL3
2639	float	RD	_FFT_QL3_AVG[28]	var	Average, Harmonic, QL3
2641	float	RD	_FFT_QL3_AVG[29]	var	Average, Harmonic, QL3
2643	float	RD	_FFT_QL3_AVG[30]	var	Average, Harmonic, QL3
2645	float	RD	_FFT_QL3_AVG[31]	var	Average, Harmonic, QL3
2647	float	RD	_FFT_QL3_AVG[32]	var	Average, Harmonic, QL3
2649	float	RD	_FFT_QL3_AVG[33]	var	Average, Harmonic, QL3
2651	float	RD	_FFT_QL3_AVG[34]	var	Average, Harmonic, QL3
2653	float	RD	_FFT_QL3_AVG[35]	var	Average, Harmonic, QL3
2655	float	RD	_FFT_QL3_AVG[36]	var	Average, Harmonic, QL3
2657	float	RD	_FFT_QL3_AVG[37]	var	Average, Harmonic, QL3
2659	float	RD	_FFT_QL3_AVG[38]	var	Average, Harmonic, QL3
2661	float	RD	_FFT_QL3_AVG[39]	var	Average, Harmonic, QL3
2663	float	RD	_FFT_QL4_AVG[0]	var	Average, Harmonic, QL4
2665	float	RD	_FFT_QL4_AVG[1]	var	Average, Harmonic, QL4
2667	float	RD	_FFT_QL4_AVG[2]	var	Average, Harmonic, QL4

Address	Format	RD/WR	Designation	Unit	Note
2669	float	RD	_FFT_QL4_AVG[3]	var	Average, Harmonic, QL4
2671	float	RD	_FFT_QL4_AVG[4]	var	Average, Harmonic, QL4
2673	float	RD	_FFT_QL4_AVG[5]	var	Average, Harmonic, QL4
2675	float	RD	_FFT_QL4_AVG[6]	var	Average, Harmonic, QL4
2677	float	RD	_FFT_QL4_AVG[7]	var	Average, Harmonic, QL4
2679	float	RD	_FFT_QL4_AVG[8]	var	Average, Harmonic, QL4
2681	float	RD	_FFT_QL4_AVG[9]	var	Average, Harmonic, QL4
2683	float	RD	_FFT_QL4_AVG[10]	var	Average, Harmonic, QL4
2685	float	RD	_FFT_QL4_AVG[11]	var	Average, Harmonic, QL4
2687	float	RD	_FFT_QL4_AVG[12]	var	Average, Harmonic, QL4
2689	float	RD	_FFT_QL4_AVG[13]	var	Average, Harmonic, QL4
2691	float	RD	_FFT_QL4_AVG[14]	var	Average, Harmonic, QL4
2693	float	RD	_FFT_QL4_AVG[15]	var	Average, Harmonic, QL4
2695	float	RD	_FFT_QL4_AVG[16]	var	Average, Harmonic, QL4
2697	float	RD	_FFT_QL4_AVG[17]	var	Average, Harmonic, QL4
2699	float	RD	_FFT_QL4_AVG[18]	var	Average, Harmonic, QL4
2701	float	RD	_FFT_QL4_AVG[19]	var	Average, Harmonic, QL4
2703	float	RD	_FFT_QL4_AVG[20]	var	Average, Harmonic, QL4
2705	float	RD	_FFT_QL4_AVG[21]	var	Average, Harmonic, QL4
2707	float	RD	_FFT_QL4_AVG[22]	var	Average, Harmonic, QL4
2709	float	RD	_FFT_QL4_AVG[23]	var	Average, Harmonic, QL4
2711	float	RD	_FFT_QL4_AVG[24]	var	Average, Harmonic, QL4
2713	float	RD	_FFT_QL4_AVG[25]	var	Average, Harmonic, QL4
2715	float	RD	_FFT_QL4_AVG[26]	var	Average, Harmonic, QL4
2717	float	RD	_FFT_QL4_AVG[27]	var	Average, Harmonic, QL4
2719	float	RD	_FFT_QL4_AVG[28]	var	Average, Harmonic, QL4
2721	float	RD	_FFT_QL4_AVG[29]	var	Average, Harmonic, QL4
2723	float	RD	_FFT_QL4_AVG[30]	var	Average, Harmonic, QL4
2725	float	RD	_FFT_QL4_AVG[31]	var	Average, Harmonic, QL4
2727	float	RD	_FFT_QL4_AVG[32]	var	Average, Harmonic, QL4
2729	float	RD	_FFT_QL4_AVG[33]	var	Average, Harmonic, QL4
2731	float	RD	_FFT_QL4_AVG[34]	var	Average, Harmonic, QL4
2733	float	RD	_FFT_QL4_AVG[35]	var	Average, Harmonic, QL4
2735	float	RD	_FFT_QL4_AVG[36]	var	Average, Harmonic, QL4
2737	float	RD	_FFT_QL4_AVG[37]	var	Average, Harmonic, QL4
2739	float	RD	_FFT_QL4_AVG[38]	var	Average, Harmonic, QL4
2741	float	RD	_FFT_QL4_AVG[39]	var	Average, Harmonic, QL4

## Minimum values, fourier analysis

Address	Format	RD/WR	Designation	Unit	Note
2851	float	RD/WR	_FFT_UL1_MIN[0]	V	Minimum, Harmonic, UL1
2853	float	RD/WR	_FFT_UL1_MIN[1]	V	Minimum, Harmonic, UL1
2855	float	RD/WR	_FFT_UL1_MIN[2]	V	Minimum, Harmonic, UL1
2857	float	RD/WR	_FFT_UL1_MIN[3]	V	Minimum, Harmonic, UL1
2859	float	RD/WR	_FFT_UL1_MIN[4]	V	Minimum, Harmonic, UL1
2861	float	RD/WR	_FFT_UL1_MIN[5]	V	Minimum, Harmonic, UL1
2863	float	RD/WR	_FFT_UL1_MIN[6]	V	Minimum, Harmonic, UL1
2865	float	RD/WR	_FFT_UL1_MIN[7]	V	Minimum, Harmonic, UL1
2867	float	RD/WR	_FFT_UL1_MIN[8]	V	Minimum, Harmonic, UL1
2869	float	RD/WR	_FFT_UL1_MIN[9]	V	Minimum, Harmonic, UL1
2871	float	RD/WR	_FFT_UL1_MIN[10]	V	Minimum, Harmonic, UL1
2873	float	RD/WR	_FFT_UL1_MIN[11]	V	Minimum, Harmonic, UL1
2875	float	RD/WR	_FFT_UL1_MIN[12]	V	Minimum, Harmonic, UL1
2877	float	RD/WR	_FFT_UL1_MIN[13]	V	Minimum, Harmonic, UL1
2879	float	RD/WR	_FFT_UL1_MIN[14]	V	Minimum, Harmonic, UL1
2881	float	RD/WR	_FFT_UL1_MIN[15]	V	Minimum, Harmonic, UL1
2883	float	RD/WR	_FFT_UL1_MIN[16]	V	Minimum, Harmonic, UL1
2885	float	RD/WR	_FFT_UL1_MIN[17]	V	Minimum, Harmonic, UL1
2887	float	RD/WR	_FFT_UL1_MIN[18]	V	Minimum, Harmonic, UL1
2889	float	RD/WR	_FFT_UL1_MIN[19]	V	Minimum, Harmonic, UL1
2891	float	RD/WR	_FFT_UL1_MIN[20]	V	Minimum, Harmonic, UL1
2893	float	RD/WR	_FFT_UL1_MIN[21]	V	Minimum, Harmonic, UL1
2895	float	RD/WR	_FFT_UL1_MIN[22]	V	Minimum, Harmonic, UL1
2897	float	RD/WR	_FFT_UL1_MIN[23]	V	Minimum, Harmonic, UL1
2899	float	RD/WR	_FFT_UL1_MIN[24]	V	Minimum, Harmonic, UL1
2901	float	RD/WR	_FFT_UL1_MIN[25]	V	Minimum, Harmonic, UL1
2903	float	RD/WR	_FFT_UL1_MIN[26]	V	Minimum, Harmonic, UL1
2905	float	RD/WR	_FFT_UL1_MIN[27]	V	Minimum, Harmonic, UL1
2907	float	RD/WR	_FFT_UL1_MIN[28]	V	Minimum, Harmonic, UL1
2909	float	RD/WR	_FFT_UL1_MIN[29]	V	Minimum, Harmonic, UL1
2911	float	RD/WR	_FFT_UL1_MIN[30]	V	Minimum, Harmonic, UL1
2913	float	RD/WR	_FFT_UL1_MIN[31]	V	Minimum, Harmonic, UL1
2915	float	RD/WR	_FFT_UL1_MIN[32]	V	Minimum, Harmonic, UL1
2917	float	RD/WR	_FFT_UL1_MIN[33]	V	Minimum, Harmonic, UL1
2919	float	RD/WR	_FFT_UL1_MIN[34]	V	Minimum, Harmonic, UL1
2921	float	RD/WR	_FFT_UL1_MIN[35]	V	Minimum, Harmonic, UL1
2923	float	RD/WR	_FFT_UL1_MIN[36]	V	Minimum, Harmonic, UL1
2925	float	RD/WR	_FFT_UL1_MIN[37]	V	Minimum, Harmonic, UL1
2927	float	RD/WR	_FFT_UL1_MIN[38]	V	Minimum, Harmonic, UL1
2929	float	RD/WR	_FFT_UL1_MIN[39]	V	Minimum, Harmonic, UL1
2931	float	RD/WR	_FFT_UL2_MIN[0]	V	Minimum, Harmonic, UL2
2933	float	RD/WR	_FFT_UL2_MIN[1]	V	Minimum, Harmonic, UL2
2935	float	RD/WR	_FFT_UL2_MIN[2]	V	Minimum, Harmonic, UL2
2937	float	RD/WR	_FFT_UL2_MIN[3]	V	Minimum, Harmonic, UL2
2939	float	RD/WR	_FFT_UL2_MIN[4]	V	Minimum, Harmonic, UL2
2941	float	RD/WR	_FFT_UL2_MIN[5]	V	Minimum, Harmonic, UL2
2943	float	RD/WR	_FFT_UL2_MIN[6]	V	Minimum, Harmonic, UL2
2945	float	RD/WR	_FFT_UL2_MIN[7]	V	Minimum, Harmonic, UL2
2947	float	RD/WR	_FFT_UL2_MIN[8]	V	Minimum, Harmonic, UL2
2949	float	RD/WR	_FFT_UL2_MIN[9]	V	Minimum, Harmonic, UL2
2951	float	RD/WR	_FFT_UL2_MIN[10]	V	Minimum, Harmonic, UL2
2953	float	RD/WR	_FFT_UL2_MIN[11]	V	Minimum, Harmonic, UL2
2955	float	RD/WR	_FFT_UL2_MIN[12]	V	Minimum, Harmonic, UL2
2957	float	RD/WR	_FFT_UL2_MIN[13]	V	Minimum, Harmonic, UL2
2959	float	RD/WR	_FFT_UL2_MIN[14]	V	Minimum, Harmonic, UL2
2961	float	RD/WR	_FFT_UL2_MIN[15]	V	Minimum, Harmonic, UL2
2963	float	RD/WR	_FFT_UL2_MIN[16]	V	Minimum, Harmonic, UL2
2965	float	RD/WR	_FFT_UL2_MIN[17]	V	Minimum, Harmonic, UL2
2967	float	RD/WR	_FFT_UL2_MIN[18]	V	Minimum, Harmonic, UL2
2969	float	RD/WR	_FFT_UL2_MIN[19]	V	Minimum, Harmonic, UL2
2971	float	RD/WR	_FFT_UL2_MIN[20]	V	Minimum, Harmonic, UL2
2973	float	RD/WR	_FFT_UL2_MIN[21]	V	Minimum, Harmonic, UL2
2975	float	RD/WR	_FFT_UL2_MIN[22]	V	Minimum, Harmonic, UL2
2977	float	RD/WR	_FFT_UL2_MIN[23]	V	Minimum, Harmonic, UL2
2979	float	RD/WR	_FFT_UL2_MIN[24]	V	Minimum, Harmonic, UL2
2981	float	RD/WR	_FFT_UL2_MIN[25]	V	Minimum, Harmonic, UL2
2983	float	RD/WR	_FFT_UL2_MIN[26]	V	Minimum, Harmonic, UL2



Address	Format	RD/WR	Designation	Unit	Note
3119	float	RD/WR	_FFT_UL4_MIN[14]	V	Minimum, Harmonic, UL4
3121	float	RD/WR	_FFT_UL4_MIN[15]	V	Minimum, Harmonic, UL4
3123	float	RD/WR	_FFT_UL4_MIN[16]	V	Minimum, Harmonic, UL4
3125	float	RD/WR	_FFT_UL4_MIN[17]	V	Minimum, Harmonic, UL4
3127	float	RD/WR	_FFT_UL4_MIN[18]	V	Minimum, Harmonic, UL4
3129	float	RD/WR	_FFT_UL4_MIN[19]	V	Minimum, Harmonic, UL4
3131	float	RD/WR	_FFT_UL4_MIN[20]	V	Minimum, Harmonic, UL4
3133	float	RD/WR	_FFT_UL4_MIN[21]	V	Minimum, Harmonic, UL4
3135	float	RD/WR	_FFT_UL4_MIN[22]	V	Minimum, Harmonic, UL4
3137	float	RD/WR	_FFT_UL4_MIN[23]	V	Minimum, Harmonic, UL4
3139	float	RD/WR	_FFT_UL4_MIN[24]	V	Minimum, Harmonic, UL4
3141	float	RD/WR	_FFT_UL4_MIN[25]	V	Minimum, Harmonic, UL4
3143	float	RD/WR	_FFT_UL4_MIN[26]	V	Minimum, Harmonic, UL4
3145	float	RD/WR	_FFT_UL4_MIN[27]	V	Minimum, Harmonic, UL4
3147	float	RD/WR	_FFT_UL4_MIN[28]	V	Minimum, Harmonic, UL4
3149	float	RD/WR	_FFT_UL4_MIN[29]	V	Minimum, Harmonic, UL4
3151	float	RD/WR	_FFT_UL4_MIN[30]	V	Minimum, Harmonic, UL4
3153	float	RD/WR	_FFT_UL4_MIN[31]	V	Minimum, Harmonic, UL4
3155	float	RD/WR	_FFT_UL4_MIN[32]	V	Minimum, Harmonic, UL4
3157	float	RD/WR	_FFT_UL4_MIN[33]	V	Minimum, Harmonic, UL4
3159	float	RD/WR	_FFT_UL4_MIN[34]	V	Minimum, Harmonic, UL4
3161	float	RD/WR	_FFT_UL4_MIN[35]	V	Minimum, Harmonic, UL4
3163	float	RD/WR	_FFT_UL4_MIN[36]	V	Minimum, Harmonic, UL4
3165	float	RD/WR	_FFT_UL4_MIN[37]	V	Minimum, Harmonic, UL4
3167	float	RD/WR	_FFT_UL4_MIN[38]	V	Minimum, Harmonic, UL4
3169	float	RD/WR	_FFT_UL4_MIN[39]	V	Minimum, Harmonic, UL4

## Maximum values, fourier analysis

Address	Format	RD/WR	Designation	Unit	Note
3205	float	RD/WR	_FFT_UL1_MAX[0]	V	Maximum, harmonic, UL1
3207	float	RD/WR	_FFT_UL1_MAX[1]	V	Maximum, harmonic, UL1
3209	float	RD/WR	_FFT_UL1_MAX[2]	V	Maximum, harmonic, UL1
3211	float	RD/WR	_FFT_UL1_MAX[3]	V	Maximum, harmonic, UL1
3213	float	RD/WR	_FFT_UL1_MAX[4]	V	Maximum, harmonic, UL1
3215	float	RD/WR	_FFT_UL1_MAX[5]	V	Maximum, harmonic, UL1
3217	float	RD/WR	_FFT_UL1_MAX[6]	V	Maximum, harmonic, UL1
3219	float	RD/WR	_FFT_UL1_MAX[7]	V	Maximum, harmonic, UL1
3221	float	RD/WR	_FFT_UL1_MAX[8]	V	Maximum, harmonic, UL1
3223	float	RD/WR	_FFT_UL1_MAX[9]	V	Maximum, harmonic, UL1
3225	float	RD/WR	_FFT_UL1_MAX[10]	V	Maximum, harmonic, UL1
3227	float	RD/WR	_FFT_UL1_MAX[11]	V	Maximum, harmonic, UL1
3229	float	RD/WR	_FFT_UL1_MAX[12]	V	Maximum, harmonic, UL1
3231	float	RD/WR	_FFT_UL1_MAX[13]	V	Maximum, harmonic, UL1
3233	float	RD/WR	_FFT_UL1_MAX[14]	V	Maximum, harmonic, UL1
3235	float	RD/WR	_FFT_UL1_MAX[15]	V	Maximum, harmonic, UL1
3237	float	RD/WR	_FFT_UL1_MAX[16]	V	Maximum, harmonic, UL1
3239	float	RD/WR	_FFT_UL1_MAX[17]	V	Maximum, harmonic, UL1
3241	float	RD/WR	_FFT_UL1_MAX[18]	V	Maximum, harmonic, UL1
3243	float	RD/WR	_FFT_UL1_MAX[19]	V	Maximum, harmonic, UL1
3245	float	RD/WR	_FFT_UL1_MAX[20]	V	Maximum, harmonic, UL1
3247	float	RD/WR	_FFT_UL1_MAX[21]	V	Maximum, harmonic, UL1
3249	float	RD/WR	_FFT_UL1_MAX[22]	V	Maximum, harmonic, UL1
3251	float	RD/WR	_FFT_UL1_MAX[23]	V	Maximum, harmonic, UL1
3253	float	RD/WR	_FFT_UL1_MAX[24]	V	Maximum, harmonic, UL1
3255	float	RD/WR	_FFT_UL1_MAX[25]	V	Maximum, harmonic, UL1
3257	float	RD/WR	_FFT_UL1_MAX[26]	V	Maximum, harmonic, UL1
3259	float	RD/WR	_FFT_UL1_MAX[27]	V	Maximum, harmonic, UL1
3261	float	RD/WR	_FFT_UL1_MAX[28]	V	Maximum, harmonic, UL1
3263	float	RD/WR	_FFT_UL1_MAX[29]	V	Maximum, harmonic, UL1
3265	float	RD/WR	_FFT_UL1_MAX[30]	V	Maximum, harmonic, UL1
3267	float	RD/WR	_FFT_UL1_MAX[31]	V	Maximum, harmonic, UL1
3269	float	RD/WR	_FFT_UL1_MAX[32]	V	Maximum, harmonic, UL1
3271	float	RD/WR	_FFT_UL1_MAX[33]	V	Maximum, harmonic, UL1
3273	float	RD/WR	_FFT_UL1_MAX[34]	V	Maximum, harmonic, UL1
3275	float	RD/WR	_FFT_UL1_MAX[35]	V	Maximum, harmonic, UL1
3277	float	RD/WR	_FFT_UL1_MAX[36]	V	Maximum, harmonic, UL1
3279	float	RD/WR	_FFT_UL1_MAX[37]	V	Maximum, harmonic, UL1
3281	float	RD/WR	_FFT_UL1_MAX[38]	V	Maximum, harmonic, UL1
3283	float	RD/WR	_FFT_UL1_MAX[39]	V	Maximum, harmonic, UL1
3285	float	RD/WR	_FFT_UL2_MAX[0]	V	Maximum, harmonic, UL2
3287	float	RD/WR	_FFT_UL2_MAX[1]	V	Maximum, harmonic, UL2
3289	float	RD/WR	_FFT_UL2_MAX[2]	V	Maximum, harmonic, UL2
3291	float	RD/WR	_FFT_UL2_MAX[3]	V	Maximum, harmonic, UL2
3293	float	RD/WR	_FFT_UL2_MAX[4]	V	Maximum, harmonic, UL2
3295	float	RD/WR	_FFT_UL2_MAX[5]	V	Maximum, harmonic, UL2
3297	float	RD/WR	_FFT_UL2_MAX[6]	V	Maximum, harmonic, UL2
3299	float	RD/WR	_FFT_UL2_MAX[7]	V	Maximum, harmonic, UL2
3301	float	RD/WR	_FFT_UL2_MAX[8]	V	Maximum, harmonic, UL2
3303	float	RD/WR	_FFT_UL2_MAX[9]	V	Maximum, harmonic, UL2
3305	float	RD/WR	_FFT_UL2_MAX[10]	V	Maximum, harmonic, UL2
3307	float	RD/WR	_FFT_UL2_MAX[11]	V	Maximum, harmonic, UL2
3309	float	RD/WR	_FFT_UL2_MAX[12]	V	Maximum, harmonic, UL2
3311	float	RD/WR	_FFT_UL2_MAX[13]	V	Maximum, harmonic, UL2
3313	float	RD/WR	_FFT_UL2_MAX[14]	V	Maximum, harmonic, UL2
3315	float	RD/WR	_FFT_UL2_MAX[15]	V	Maximum, harmonic, UL2
3317	float	RD/WR	_FFT_UL2_MAX[16]	V	Maximum, harmonic, UL2
3319	float	RD/WR	_FFT_UL2_MAX[17]	V	Maximum, harmonic, UL2
3321	float	RD/WR	_FFT_UL2_MAX[18]	V	Maximum, harmonic, UL2
3323	float	RD/WR	_FFT_UL2_MAX[19]	V	Maximum, harmonic, UL2
3325	float	RD/WR	_FFT_UL2_MAX[20]	V	Maximum, harmonic, UL2
3327	float	RD/WR	_FFT_UL2_MAX[21]	V	Maximum, harmonic, UL2
3329	float	RD/WR	_FFT_UL2_MAX[22]	V	Maximum, harmonic, UL2
3331	float	RD/WR	_FFT_UL2_MAX[23]	V	Maximum, harmonic, UL2
3333	float	RD/WR	_FFT_UL2_MAX[24]	V	Maximum, harmonic, UL2
3335	float	RD/WR	_FFT_UL2_MAX[25]	V	Maximum, harmonic, UL2
3337	float	RD/WR	_FFT_UL2_MAX[26]	V	Maximum, harmonic, UL2









Address	Format	RD/WR	Designation	Unit	Note
3741	float	RD/WR	_FFT_IL3_MAX[28]	A	Maximum, harmonic, IL3
3743	float	RD/WR	_FFT_IL3_MAX[29]	A	Maximum, harmonic, IL3
3745	float	RD/WR	_FFT_IL3_MAX[30]	A	Maximum, harmonic, IL3
3747	float	RD/WR	_FFT_IL3_MAX[31]	A	Maximum, harmonic, IL3
3749	float	RD/WR	_FFT_IL3_MAX[32]	A	Maximum, harmonic, IL3
3751	float	RD/WR	_FFT_IL3_MAX[33]	A	Maximum, harmonic, IL3
3753	float	RD/WR	_FFT_IL3_MAX[34]	A	Maximum, harmonic, IL3
3755	float	RD/WR	_FFT_IL3_MAX[35]	A	Maximum, harmonic, IL3
3757	float	RD/WR	_FFT_IL3_MAX[36]	A	Maximum, harmonic, IL3
3759	float	RD/WR	_FFT_IL3_MAX[37]	A	Maximum, harmonic, IL3
3761	float	RD/WR	_FFT_IL3_MAX[38]	A	Maximum, harmonic, IL3
3763	float	RD/WR	_FFT_IL3_MAX[39]	A	Maximum, harmonic, IL3
3765	float	RD/WR	_FFT_IL4_MAX[0]	A	Maximum, harmonic, IL4
3767	float	RD/WR	_FFT_IL4_MAX[1]	A	Maximum, harmonic, IL4
3769	float	RD/WR	_FFT_IL4_MAX[2]	A	Maximum, harmonic, IL4
3771	float	RD/WR	_FFT_IL4_MAX[3]	A	Maximum, harmonic, IL4
3773	float	RD/WR	_FFT_IL4_MAX[4]	A	Maximum, harmonic, IL4
3775	float	RD/WR	_FFT_IL4_MAX[5]	A	Maximum, harmonic, IL4
3777	float	RD/WR	_FFT_IL4_MAX[6]	A	Maximum, harmonic, IL4
3779	float	RD/WR	_FFT_IL4_MAX[7]	A	Maximum, harmonic, IL4
3781	float	RD/WR	_FFT_IL4_MAX[8]	A	Maximum, harmonic, IL4
3783	float	RD/WR	_FFT_IL4_MAX[9]	A	Maximum, harmonic, IL4
3785	float	RD/WR	_FFT_IL4_MAX[10]	A	Maximum, harmonic, IL4
3787	float	RD/WR	_FFT_IL4_MAX[11]	A	Maximum, harmonic, IL4
3789	float	RD/WR	_FFT_IL4_MAX[12]	A	Maximum, harmonic, IL4
3791	float	RD/WR	_FFT_IL4_MAX[13]	A	Maximum, harmonic, IL4
3793	float	RD/WR	_FFT_IL4_MAX[14]	A	Maximum, harmonic, IL4
3795	float	RD/WR	_FFT_IL4_MAX[15]	A	Maximum, harmonic, IL4
3797	float	RD/WR	_FFT_IL4_MAX[16]	A	Maximum, harmonic, IL4
3799	float	RD/WR	_FFT_IL4_MAX[17]	A	Maximum, harmonic, IL4
3801	float	RD/WR	_FFT_IL4_MAX[18]	A	Maximum, harmonic, IL4
3803	float	RD/WR	_FFT_IL4_MAX[19]	A	Maximum, harmonic, IL4
3805	float	RD/WR	_FFT_IL4_MAX[20]	A	Maximum, harmonic, IL4
3807	float	RD/WR	_FFT_IL4_MAX[21]	A	Maximum, harmonic, IL4
3809	float	RD/WR	_FFT_IL4_MAX[22]	A	Maximum, harmonic, IL4
3811	float	RD/WR	_FFT_IL4_MAX[23]	A	Maximum, harmonic, IL4
3813	float	RD/WR	_FFT_IL4_MAX[24]	A	Maximum, harmonic, IL4
3815	float	RD/WR	_FFT_IL4_MAX[25]	A	Maximum, harmonic, IL4
3817	float	RD/WR	_FFT_IL4_MAX[26]	A	Maximum, harmonic, IL4
3819	float	RD/WR	_FFT_IL4_MAX[27]	A	Maximum, harmonic, IL4
3821	float	RD/WR	_FFT_IL4_MAX[28]	A	Maximum, harmonic, IL4
3823	float	RD/WR	_FFT_IL4_MAX[29]	A	Maximum, harmonic, IL4
3825	float	RD/WR	_FFT_IL4_MAX[30]	A	Maximum, harmonic, IL4
3827	float	RD/WR	_FFT_IL4_MAX[31]	A	Maximum, harmonic, IL4
3829	float	RD/WR	_FFT_IL4_MAX[32]	A	Maximum, harmonic, IL4
3831	float	RD/WR	_FFT_IL4_MAX[33]	A	Maximum, harmonic, IL4
3833	float	RD/WR	_FFT_IL4_MAX[34]	A	Maximum, harmonic, IL4
3835	float	RD/WR	_FFT_IL4_MAX[35]	A	Maximum, harmonic, IL4
3837	float	RD/WR	_FFT_IL4_MAX[36]	A	Maximum, harmonic, IL4
3839	float	RD/WR	_FFT_IL4_MAX[37]	A	Maximum, harmonic, IL4
3841	float	RD/WR	_FFT_IL4_MAX[38]	A	Maximum, harmonic, IL4
3843	float	RD/WR	_FFT_IL4_MAX[39]	A	Maximum, harmonic, IL4
3845	float	RD/WR	_FFT_PL1_MAX[0]	W	Maximum, harmonic, PL1
3847	float	RD/WR	_FFT_PL1_MAX[1]	W	Maximum, harmonic, PL1
3849	float	RD/WR	_FFT_PL1_MAX[2]	W	Maximum, harmonic, PL1
3851	float	RD/WR	_FFT_PL1_MAX[3]	W	Maximum, harmonic, PL1
3853	float	RD/WR	_FFT_PL1_MAX[4]	W	Maximum, harmonic, PL1
3855	float	RD/WR	_FFT_PL1_MAX[5]	W	Maximum, harmonic, PL1
3857	float	RD/WR	_FFT_PL1_MAX[6]	W	Maximum, harmonic, PL1
3859	float	RD/WR	_FFT_PL1_MAX[7]	W	Maximum, harmonic, PL1
3861	float	RD/WR	_FFT_PL1_MAX[8]	W	Maximum, harmonic, PL1
3863	float	RD/WR	_FFT_PL1_MAX[9]	W	Maximum, harmonic, PL1
3865	float	RD/WR	_FFT_PL1_MAX[10]	W	Maximum, harmonic, PL1
3867	float	RD/WR	_FFT_PL1_MAX[11]	W	Maximum, harmonic, PL1
3869	float	RD/WR	_FFT_PL1_MAX[12]	W	Maximum, harmonic, PL1
3871	float	RD/WR	_FFT_PL1_MAX[13]	W	Maximum, harmonic, PL1
3873	float	RD/WR	_FFT_PL1_MAX[14]	W	Maximum, harmonic, PL1









Address	Format	RD/WR	Designation	Unit	Note
4411	float	RD/WR	_FFT_QL4_MAX[3]	var	Maximum, harmonic, QL4r
4413	float	RD/WR	_FFT_QL4_MAX[4]	var	Maximum, harmonic, QL4r
4415	float	RD/WR	_FFT_QL4_MAX[5]	var	Maximum, harmonic, QL4r
4417	float	RD/WR	_FFT_QL4_MAX[6]	var	Maximum, harmonic, QL4r
4419	float	RD/WR	_FFT_QL4_MAX[7]	var	Maximum, harmonic, QL4r
4421	float	RD/WR	_FFT_QL4_MAX[8]	var	Maximum, harmonic, QL4r
4423	float	RD/WR	_FFT_QL4_MAX[9]	var	Maximum, harmonic, QL4r
4425	float	RD/WR	_FFT_QL4_MAX[10]	var	Maximum, harmonic, QL4r
4427	float	RD/WR	_FFT_QL4_MAX[11]	var	Maximum, harmonic, QL4r
4429	float	RD/WR	_FFT_QL4_MAX[12]	var	Maximum, harmonic, QL4r
4431	float	RD/WR	_FFT_QL4_MAX[13]	var	Maximum, harmonic, QL4r
4433	float	RD/WR	_FFT_QL4_MAX[14]	var	Maximum, harmonic, QL4r
4435	float	RD/WR	_FFT_QL4_MAX[15]	var	Maximum, harmonic, QL4r
4437	float	RD/WR	_FFT_QL4_MAX[16]	var	Maximum, harmonic, QL4r
4439	float	RD/WR	_FFT_QL4_MAX[17]	var	Maximum, harmonic, QL4r
4441	float	RD/WR	_FFT_QL4_MAX[18]	var	Maximum, harmonic, QL4r
4443	float	RD/WR	_FFT_QL4_MAX[19]	var	Maximum, harmonic, QL4r
4445	float	RD/WR	_FFT_QL4_MAX[20]	var	Maximum, harmonic, QL4r
4447	float	RD/WR	_FFT_QL4_MAX[21]	var	Maximum, harmonic, QL4r
4449	float	RD/WR	_FFT_QL4_MAX[22]	var	Maximum, harmonic, QL4r
4451	float	RD/WR	_FFT_QL4_MAX[23]	var	Maximum, harmonic, QL4r
4453	float	RD/WR	_FFT_QL4_MAX[24]	var	Maximum, harmonic, QL4r
4455	float	RD/WR	_FFT_QL4_MAX[25]	var	Maximum, harmonic, QL4r
4457	float	RD/WR	_FFT_QL4_MAX[26]	var	Maximum, harmonic, QL4r
4459	float	RD/WR	_FFT_QL4_MAX[27]	var	Maximum, harmonic, QL4r
4461	float	RD/WR	_FFT_QL4_MAX[28]	var	Maximum, harmonic, QL4r
4463	float	RD/WR	_FFT_QL4_MAX[29]	var	Maximum, harmonic, QL4r
4465	float	RD/WR	_FFT_QL4_MAX[30]	var	Maximum, harmonic, QL4r
4467	float	RD/WR	_FFT_QL4_MAX[31]	var	Maximum, harmonic, QL4r
4469	float	RD/WR	_FFT_QL4_MAX[32]	var	Maximum, harmonic, QL4r
4471	float	RD/WR	_FFT_QL4_MAX[33]	var	Maximum, harmonic, QL4r
4473	float	RD/WR	_FFT_QL4_MAX[34]	var	Maximum, harmonic, QL4r
4475	float	RD/WR	_FFT_QL4_MAX[35]	var	Maximum, harmonic, QL4r
4477	float	RD/WR	_FFT_QL4_MAX[36]	var	Maximum, harmonic, QL4r
4479	float	RD/WR	_FFT_QL4_MAX[37]	var	Maximum, harmonic, QL4r
4481	float	RD/WR	_FFT_QL4_MAX[38]	var	Maximum, harmonic, QL4r
4483	float	RD/WR	_FFT_QL4_MAX[39]	var	Maximum, harmonic, QL4r























Address	Format	RD/WR	Designation	Unit	Note
5196	short	RD/WR	_FFT_QL4_AVG_T[3]	n	Averaging time, harmonic, QL4
5197	short	RD/WR	_FFT_QL4_AVG_T[4]	n	Averaging time, harmonic, QL4
5198	short	RD/WR	_FFT_QL4_AVG_T[5]	n	Averaging time, harmonic, QL4
5199	short	RD/WR	_FFT_QL4_AVG_T[6]	n	Averaging time, harmonic, QL4
5200	short	RD/WR	_FFT_QL4_AVG_T[7]	n	Averaging time, harmonic, QL4
5201	short	RD/WR	_FFT_QL4_AVG_T[8]	n	Averaging time, harmonic, QL4
5202	short	RD/WR	_FFT_QL4_AVG_T[9]	n	Averaging time, harmonic, QL4
5203	short	RD/WR	_FFT_QL4_AVG_T[10]	n	Averaging time, harmonic, QL4
5204	short	RD/WR	_FFT_QL4_AVG_T[11]	n	Averaging time, harmonic, QL4
5205	short	RD/WR	_FFT_QL4_AVG_T[12]	n	Averaging time, harmonic, QL4
5206	short	RD/WR	_FFT_QL4_AVG_T[13]	n	Averaging time, harmonic, QL4
5207	short	RD/WR	_FFT_QL4_AVG_T[14]	n	Averaging time, harmonic, QL4
5208	short	RD/WR	_FFT_QL4_AVG_T[15]	n	Averaging time, harmonic, QL4
5209	short	RD/WR	_FFT_QL4_AVG_T[16]	n	Averaging time, harmonic, QL4
5210	short	RD/WR	_FFT_QL4_AVG_T[17]	n	Averaging time, harmonic, QL4
5211	short	RD/WR	_FFT_QL4_AVG_T[18]	n	Averaging time, harmonic, QL4
5212	short	RD/WR	_FFT_QL4_AVG_T[19]	n	Averaging time, harmonic, QL4
5213	short	RD/WR	_FFT_QL4_AVG_T[20]	n	Averaging time, harmonic, QL4
5214	short	RD/WR	_FFT_QL4_AVG_T[21]	n	Averaging time, harmonic, QL4
5215	short	RD/WR	_FFT_QL4_AVG_T[22]	n	Averaging time, harmonic, QL4
5216	short	RD/WR	_FFT_QL4_AVG_T[23]	n	Averaging time, harmonic, QL4
5217	short	RD/WR	_FFT_QL4_AVG_T[24]	n	Averaging time, harmonic, QL4
5218	short	RD/WR	_FFT_QL4_AVG_T[25]	n	Averaging time, harmonic, QL4
5219	short	RD/WR	_FFT_QL4_AVG_T[26]	n	Averaging time, harmonic, QL4
5220	short	RD/WR	_FFT_QL4_AVG_T[27]	n	Averaging time, harmonic, QL4
5221	short	RD/WR	_FFT_QL4_AVG_T[28]	n	Averaging time, harmonic, QL4
5222	short	RD/WR	_FFT_QL4_AVG_T[29]	n	Averaging time, harmonic, QL4
5223	short	RD/WR	_FFT_QL4_AVG_T[30]	n	Averaging time, harmonic, QL4
5224	short	RD/WR	_FFT_QL4_AVG_T[31]	n	Averaging time, harmonic, QL4
5225	short	RD/WR	_FFT_QL4_AVG_T[32]	n	Averaging time, harmonic, QL4
5226	short	RD/WR	_FFT_QL4_AVG_T[33]	n	Averaging time, harmonic, QL4
5227	short	RD/WR	_FFT_QL4_AVG_T[34]	n	Averaging time, harmonic, QL4
5228	short	RD/WR	_FFT_QL4_AVG_T[35]	n	Averaging time, harmonic, QL4
5229	short	RD/WR	_FFT_QL4_AVG_T[36]	n	Averaging time, harmonic, QL4
5230	short	RD/WR	_FFT_QL4_AVG_T[37]	n	Averaging time, harmonic, QL4
5231	short	RD/WR	_FFT_QL4_AVG_T[38]	n	Averaging time, harmonic, QL4
5232	short	RD/WR	_FFT_QL4_AVG_T[39]	n	Averaging time, harmonic, QL4





Address	Format	RD/WR	Designation	Unit	Note
5555	unit	RD/WR	_FFT_UL4_MIN_T[14]	s	Time of min. val. (UTC), harmonic, UL4
5557	unit	RD/WR	_FFT_UL4_MIN_T[15]	s	Time of min. val. (UTC), harmonic, UL4
5559	unit	RD/WR	_FFT_UL4_MIN_T[16]	s	Time of min. val. (UTC), harmonic, UL4
5561	unit	RD/WR	_FFT_UL4_MIN_T[17]	s	Time of min. val. (UTC), harmonic, UL4
5563	unit	RD/WR	_FFT_UL4_MIN_T[18]	s	Time of min. val. (UTC), harmonic, UL4
5565	unit	RD/WR	_FFT_UL4_MIN_T[19]	s	Time of min. val. (UTC), harmonic, UL4
5567	unit	RD/WR	_FFT_UL4_MIN_T[20]	s	Time of min. val. (UTC), harmonic, UL4
5569	unit	RD/WR	_FFT_UL4_MIN_T[21]	s	Time of min. val. (UTC), harmonic, UL4
5571	unit	RD/WR	_FFT_UL4_MIN_T[22]	s	Time of min. val. (UTC), harmonic, UL4
5573	unit	RD/WR	_FFT_UL4_MIN_T[23]	s	Time of min. val. (UTC), harmonic, UL4
5575	unit	RD/WR	_FFT_UL4_MIN_T[24]	s	Time of min. val. (UTC), harmonic, UL4
5577	unit	RD/WR	_FFT_UL4_MIN_T[25]	s	Time of min. val. (UTC), harmonic, UL4
5579	unit	RD/WR	_FFT_UL4_MIN_T[26]	s	Time of min. val. (UTC), harmonic, UL4
5581	unit	RD/WR	_FFT_UL4_MIN_T[27]	s	Time of min. val. (UTC), harmonic, UL4
5583	unit	RD/WR	_FFT_UL4_MIN_T[28]	s	Time of min. val. (UTC), harmonic, UL4
5585	unit	RD/WR	_FFT_UL4_MIN_T[29]	s	Time of min. val. (UTC), harmonic, UL4
5587	unit	RD/WR	_FFT_UL4_MIN_T[30]	s	Time of min. val. (UTC), harmonic, UL4
5589	unit	RD/WR	_FFT_UL4_MIN_T[31]	s	Time of min. val. (UTC), harmonic, UL4
5591	unit	RD/WR	_FFT_UL4_MIN_T[32]	s	Time of min. val. (UTC), harmonic, UL4
5593	unit	RD/WR	_FFT_UL4_MIN_T[33]	s	Time of min. val. (UTC), harmonic, UL4
5595	unit	RD/WR	_FFT_UL4_MIN_T[34]	s	Time of min. val. (UTC), harmonic, UL4
5597	unit	RD/WR	_FFT_UL4_MIN_T[35]	s	Time of min. val. (UTC), harmonic, UL4
5599	unit	RD/WR	_FFT_UL4_MIN_T[36]	s	Time of min. val. (UTC), harmonic, UL4
5601	unit	RD/WR	_FFT_UL4_MIN_T[37]	s	Time of min. val. (UTC), harmonic, UL4
5603	unit	RD/WR	_FFT_UL4_MIN_T[38]	s	Time of min. val. (UTC), harmonic, UL4
5605	unit	RD/WR	_FFT_UL4_MIN_T[39]	s	Time of min. val. (UTC), harmonic, UL4





















Address	Format	RD/WR	Designation	Unit	Note
6847	uint	RD/WR	_FFT_QL4_MAX_T[3]	s	Time of max. value (UTC), harmonic, QL4
6849	uint	RD/WR	_FFT_QL4_MAX_T[4]	s	Time of max. value (UTC), harmonic, QL4
6851	uint	RD/WR	_FFT_QL4_MAX_T[5]	s	Time of max. value (UTC), harmonic, QL4
6853	uint	RD/WR	_FFT_QL4_MAX_T[6]	s	Time of max. value (UTC), harmonic, QL4
6855	uint	RD/WR	_FFT_QL4_MAX_T[7]	s	Time of max. value (UTC), harmonic, QL4
6857	uint	RD/WR	_FFT_QL4_MAX_T[8]	s	Time of max. value (UTC), harmonic, QL4
6859	uint	RD/WR	_FFT_QL4_MAX_T[9]	s	Time of max. value (UTC), harmonic, QL4
6861	uint	RD/WR	_FFT_QL4_MAX_T[10]	s	Time of max. value (UTC), harmonic, QL4
6863	uint	RD/WR	_FFT_QL4_MAX_T[11]	s	Time of max. value (UTC), harmonic, QL4
6865	uint	RD/WR	_FFT_QL4_MAX_T[12]	s	Time of max. value (UTC), harmonic, QL4
6867	uint	RD/WR	_FFT_QL4_MAX_T[13]	s	Time of max. value (UTC), harmonic, QL4
6869	uint	RD/WR	_FFT_QL4_MAX_T[14]	s	Time of max. value (UTC), harmonic, QL4
6871	uint	RD/WR	_FFT_QL4_MAX_T[15]	s	Time of max. value (UTC), harmonic, QL4
6873	uint	RD/WR	_FFT_QL4_MAX_T[16]	s	Time of max. value (UTC), harmonic, QL4
6875	uint	RD/WR	_FFT_QL4_MAX_T[17]	s	Time of max. value (UTC), harmonic, QL4
6877	uint	RD/WR	_FFT_QL4_MAX_T[18]	s	Time of max. value (UTC), harmonic, QL4
6879	uint	RD/WR	_FFT_QL4_MAX_T[19]	s	Time of max. value (UTC), harmonic, QL4
6881	uint	RD/WR	_FFT_QL4_MAX_T[20]	s	Time of max. value (UTC), harmonic, QL4
6883	uint	RD/WR	_FFT_QL4_MAX_T[21]	s	Time of max. value (UTC), harmonic, QL4
6885	uint	RD/WR	_FFT_QL4_MAX_T[22]	s	Time of max. value (UTC), harmonic, QL4
6887	uint	RD/WR	_FFT_QL4_MAX_T[23]	s	Time of max. value (UTC), harmonic, QL4
6889	uint	RD/WR	_FFT_QL4_MAX_T[24]	s	Time of max. value (UTC), harmonic, QL4
6891	uint	RD/WR	_FFT_QL4_MAX_T[25]	s	Time of max. value (UTC), harmonic, QL4
6893	uint	RD/WR	_FFT_QL4_MAX_T[26]	s	Time of max. value (UTC), harmonic, QL4
6895	uint	RD/WR	_FFT_QL4_MAX_T[27]	s	Time of max. value (UTC), harmonic, QL4
6897	uint	RD/WR	_FFT_QL4_MAX_T[28]	s	Time of max. value (UTC), harmonic, QL4
6899	uint	RD/WR	_FFT_QL4_MAX_T[29]	s	Time of max. value (UTC), harmonic, QL4
6901	uint	RD/WR	_FFT_QL4_MAX_T[30]	s	Time of max. value (UTC), harmonic, QL4
6903	uint	RD/WR	_FFT_QL4_MAX_T[31]	s	Time of max. value (UTC), harmonic, QL4
6905	uint	RD/WR	_FFT_QL4_MAX_T[32]	s	Time of max. value (UTC), harmonic, QL4
6907	uint	RD/WR	_FFT_QL4_MAX_T[33]	s	Time of max. value (UTC), harmonic, QL4
6909	uint	RD/WR	_FFT_QL4_MAX_T[34]	s	Time of max. value (UTC), harmonic, QL4
6911	uint	RD/WR	_FFT_QL4_MAX_T[35]	s	Time of max. value (UTC), harmonic, QL4
6913	uint	RD/WR	_FFT_QL4_MAX_T[36]	s	Time of max. value (UTC), harmonic, QL4
6915	uint	RD/WR	_FFT_QL4_MAX_T[37]	s	Time of max. value (UTC), harmonic, QL4
6917	uint	RD/WR	_FFT_QL4_MAX_T[38]	s	Time of max. value (UTC), harmonic, QL4
6919	uint	RD/WR	_FFT_QL4_MAX_T[39]	s	Time of max. value (UTC), harmonic, QL4





















Address	Format	RD/WR	Designation	Unit	Note
8235	float	RD/WR	_FFT_QL4_AVG_MAX[3]	var	Max. values of average val., Q L4
8237	float	RD/WR	_FFT_QL4_AVG_MAX[4]	var	Max. values of average val., Q L4
8239	float	RD/WR	_FFT_QL4_AVG_MAX[5]	var	Max. values of average val., Q L4
8241	float	RD/WR	_FFT_QL4_AVG_MAX[6]	var	Max. values of average val., Q L4
8243	float	RD/WR	_FFT_QL4_AVG_MAX[7]	var	Max. values of average val., Q L4
8245	float	RD/WR	_FFT_QL4_AVG_MAX[8]	var	Max. values of average val., Q L4
8247	float	RD/WR	_FFT_QL4_AVG_MAX[9]	var	Max. values of average val., Q L4
8249	float	RD/WR	_FFT_QL4_AVG_MAX[10]	var	Max. values of average val., Q L4
8251	float	RD/WR	_FFT_QL4_AVG_MAX[11]	var	Max. values of average val., Q L4
8253	float	RD/WR	_FFT_QL4_AVG_MAX[12]	var	Max. values of average val., Q L4
8255	float	RD/WR	_FFT_QL4_AVG_MAX[13]	var	Max. values of average val., Q L4
8257	float	RD/WR	_FFT_QL4_AVG_MAX[14]	var	Max. values of average val., Q L4
8259	float	RD/WR	_FFT_QL4_AVG_MAX[15]	var	Max. values of average val., Q L4
8261	float	RD/WR	_FFT_QL4_AVG_MAX[16]	var	Max. values of average val., Q L4
8263	float	RD/WR	_FFT_QL4_AVG_MAX[17]	var	Max. values of average val., Q L4
8265	float	RD/WR	_FFT_QL4_AVG_MAX[18]	var	Max. values of average val., Q L4
8267	float	RD/WR	_FFT_QL4_AVG_MAX[19]	var	Max. values of average val., Q L4
8269	float	RD/WR	_FFT_QL4_AVG_MAX[20]	var	Max. values of average val., Q L4
8271	float	RD/WR	_FFT_QL4_AVG_MAX[21]	var	Max. values of average val., Q L4
8273	float	RD/WR	_FFT_QL4_AVG_MAX[22]	var	Max. values of average val., Q L4
8275	float	RD/WR	_FFT_QL4_AVG_MAX[23]	var	Max. values of average val., Q L4
8277	float	RD/WR	_FFT_QL4_AVG_MAX[24]	var	Max. values of average val., Q L4
8279	float	RD/WR	_FFT_QL4_AVG_MAX[25]	var	Max. values of average val., Q L4
8281	float	RD/WR	_FFT_QL4_AVG_MAX[26]	var	Max. values of average val., Q L4
8283	float	RD/WR	_FFT_QL4_AVG_MAX[27]	var	Max. values of average val., Q L4
8285	float	RD/WR	_FFT_QL4_AVG_MAX[28]	var	Max. values of average val., Q L4
8287	float	RD/WR	_FFT_QL4_AVG_MAX[29]	var	Max. values of average val., Q L4
8289	float	RD/WR	_FFT_QL4_AVG_MAX[30]	var	Max. values of average val., Q L4
8291	float	RD/WR	_FFT_QL4_AVG_MAX[31]	var	Max. values of average val., Q L4
8293	float	RD/WR	_FFT_QL4_AVG_MAX[32]	var	Max. values of average val., Q L4
8295	float	RD/WR	_FFT_QL4_AVG_MAX[33]	var	Max. values of average val., Q L4
8297	float	RD/WR	_FFT_QL4_AVG_MAX[34]	var	Max. values of average val., Q L4
8299	float	RD/WR	_FFT_QL4_AVG_MAX[35]	var	Max. values of average val., Q L4
8301	float	RD/WR	_FFT_QL4_AVG_MAX[36]	var	Max. values of average val., Q L4
8303	float	RD/WR	_FFT_QL4_AVG_MAX[37]	var	Max. values of average val., Q L4
8305	float	RD/WR	_FFT_QL4_AVG_MAX[38]	var	Max. values of average val., Q L4
8307	float	RD/WR	_FFT_QL4_AVG_MAX[39]	var	Max. values of average val., Q L4























Address	Format	RD/WR	Designation	Unit	Note
9623	uint	RD/WR	_FFT_QL4_AVG_MAX_T[3]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9625	uint	RD/WR	_FFT_QL4_AVG_MAX_T[4]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9627	uint	RD/WR	_FFT_QL4_AVG_MAX_T[5]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9629	uint	RD/WR	_FFT_QL4_AVG_MAX_T[6]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9631	uint	RD/WR	_FFT_QL4_AVG_MAX_T[7]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9633	uint	RD/WR	_FFT_QL4_AVG_MAX_T[8]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9635	uint	RD/WR	_FFT_QL4_AVG_MAX_T[9]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9637	uint	RD/WR	_FFT_QL4_AVG_MAX_T[10]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9639	uint	RD/WR	_FFT_QL4_AVG_MAX_T[11]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9641	uint	RD/WR	_FFT_QL4_AVG_MAX_T[12]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9643	uint	RD/WR	_FFT_QL4_AVG_MAX_T[13]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9645	uint	RD/WR	_FFT_QL4_AVG_MAX_T[14]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9647	uint	RD/WR	_FFT_QL4_AVG_MAX_T[15]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9649	uint	RD/WR	_FFT_QL4_AVG_MAX_T[16]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9651	uint	RD/WR	_FFT_QL4_AVG_MAX_T[17]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9653	uint	RD/WR	_FFT_QL4_AVG_MAX_T[18]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9655	uint	RD/WR	_FFT_QL4_AVG_MAX_T[19]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9657	uint	RD/WR	_FFT_QL4_AVG_MAX_T[20]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9659	uint	RD/WR	_FFT_QL4_AVG_MAX_T[21]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9661	uint	RD/WR	_FFT_QL4_AVG_MAX_T[22]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9663	uint	RD/WR	_FFT_QL4_AVG_MAX_T[23]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9665	uint	RD/WR	_FFT_QL4_AVG_MAX_T[24]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9667	uint	RD/WR	_FFT_QL4_AVG_MAX_T[25]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9669	uint	RD/WR	_FFT_QL4_AVG_MAX_T[26]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9671	uint	RD/WR	_FFT_QL4_AVG_MAX_T[27]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9673	uint	RD/WR	_FFT_QL4_AVG_MAX_T[28]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9675	uint	RD/WR	_FFT_QL4_AVG_MAX_T[29]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9677	uint	RD/WR	_FFT_QL4_AVG_MAX_T[30]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9679	uint	RD/WR	_FFT_QL4_AVG_MAX_T[31]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9681	uint	RD/WR	_FFT_QL4_AVG_MAX_T[32]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9683	uint	RD/WR	_FFT_QL4_AVG_MAX_T[33]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9685	uint	RD/WR	_FFT_QL4_AVG_MAX_T[34]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9687	uint	RD/WR	_FFT_QL4_AVG_MAX_T[35]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9689	uint	RD/WR	_FFT_QL4_AVG_MAX_T[36]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9691	uint	RD/WR	_FFT_QL4_AVG_MAX_T[37]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9693	uint	RD/WR	_FFT_QL4_AVG_MAX_T[38]	s	Time of max. val. of aver. val.(UTC), harm. Q L4
9695	uint	RD/WR	_FFT_QL4_AVG_MAX_T[39]	s	Time of max. val. of aver. val.(UTC), harm. Q L4