

**Conducted noise according to:
EN 55022 class B**

EUT: Notebook Scenic Mobile 800 S / Mobile Workstation S
(PIII 650 MHz)
Manufacturer: Fujitsu Siemens Computers
Operating Condition: Scroll "H" 1024*768/60 Hz (LCD) / 100 Hz (CRT) /
HD/CD/Peripheral-Test
Test Site: Siemens PCS Augsburg (SK2)
Operator: M. Thiel
Configuration: Full configuration
Comment: Monitor power from peripheral device LISN
Start of Test: 04.02.00 / 15:00:02

SCAN TABLE: "Volt_015-30fin"

Unit: dBµV

	Detector:	Mode:
Curve 1:	MaxPeak	MaxHold
Curve 2:	Average	MaxHold

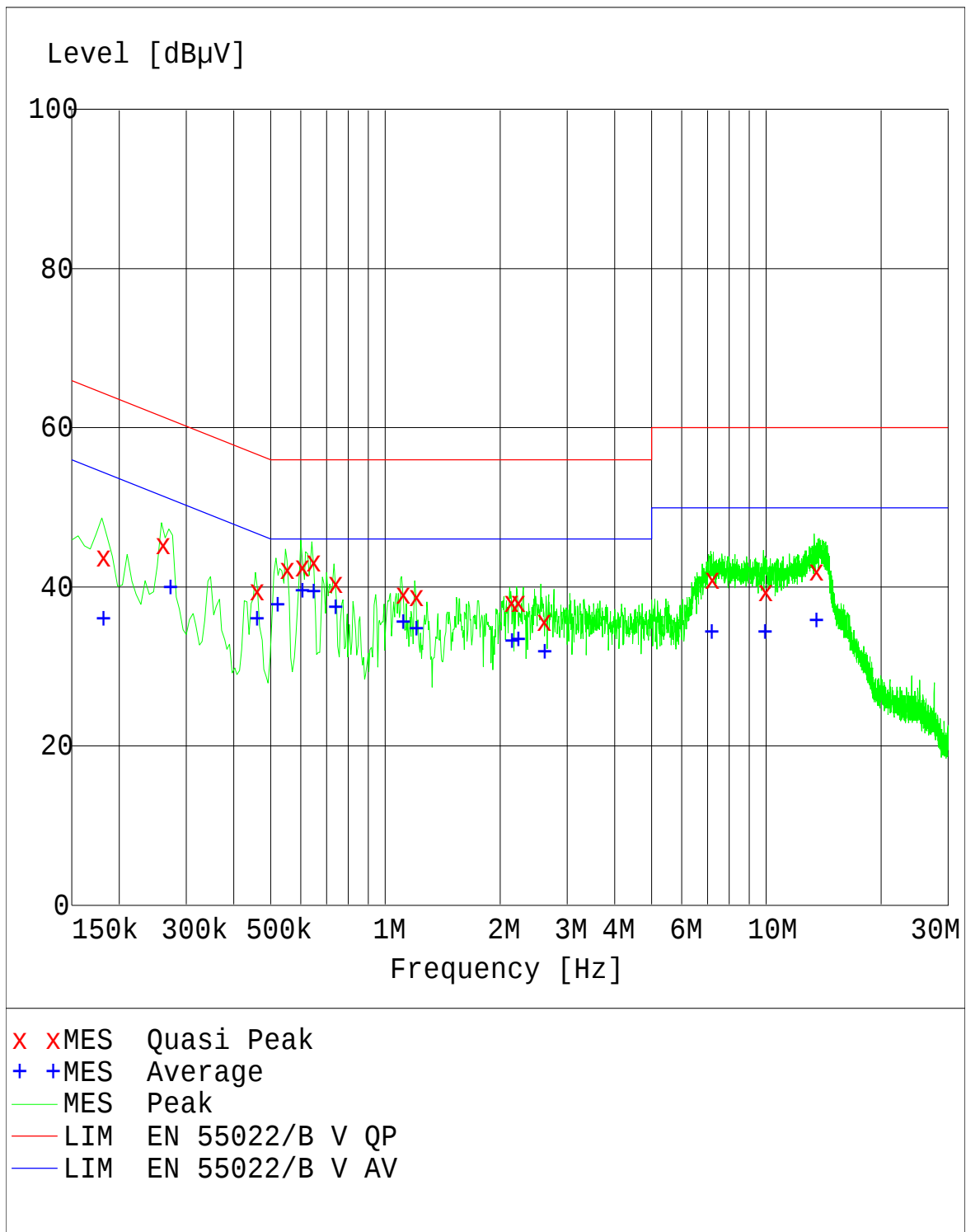
Subrange 1:

Start Frequency:	150.0 kHz	Step Size:	6.0 kHz
Stop Frequency:	30.0 MHz		
Measure Time:	10.0 ms		
IF Bandwidth:	10 kHz		

Receiver:	ESH3	Transducer:	ESH3-Z5
Signal Path:	None	System Transducer:	None
Meas. Mode:	Lin	Add. Transd. 1:	ESH3-Z2
Tracking Gen.:	Off	Add. Transd. 2:	None
Input:	--	Add. Transd. 3:	None

Preamplifier:	--	Demodulation:	A3
RF Att.:	0 dB	Volume:	--
Ref. Level:	--	Squelch:	--
Min. RF Att.:	--	Option:	None
IF Att.:	LowDistortion		
Autorange:	On		

Curve 1:	On	Repetition:	Single
Curve 2:	On	Stop Mark:	Off
		Stop Message:	Off
		Stop Message:	



MEASUREMENT RESULT: "Quasi Peak"

04.02.00 15:24

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.180000	43.70	10.0	64.4	20.7	L1	GND
0.258000	45.30	10.0	61.4	16.1	N	GND
0.456000	39.50	10.0	56.7	17.2	L1	GND
0.546000	42.20	10.0	56.0	13.7	N	GND
0.600000	42.40	10.0	56.0	13.6	L1	GND
0.642000	43.00	10.0	56.0	13.0	L1	GND
0.732000	40.40	10.0	56.0	15.6	L1	GND
1.104000	39.10	10.0	56.0	16.9	L1	GND
1.194000	38.70	10.0	56.0	17.2	L1	GND
2.118000	38.00	10.0	56.0	18.0	L1	GND
2.208000	38.00	10.0	56.0	18.0	L1	GND
2.580000	35.60	10.0	56.0	20.4	L1	GND
7.140000	40.90	10.0	60.0	19.1	L1	GND
9.846000	39.30	10.0	60.0	20.7	L1	GND
13.374000	42.00	10.0	60.0	18.0	L1	GND

MEASUREMENT RESULT: "Average"

04.02.00 15:24

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.180000	35.90	10.0	54.4	18.5	L1	GND
0.270000	39.80	10.0	51.1	11.3	L1	GND
0.456000	35.90	10.0	46.7	10.8	L1	GND
0.516000	37.60	10.0	46.0	8.3	N	GND
0.600000	39.50	10.0	46.0	6.5	L1	GND
0.642000	39.30	10.0	46.0	6.7	N	GND
0.732000	37.30	10.0	46.0	8.7	L1	GND
1.104000	35.50	10.0	46.0	10.5	L1	GND
1.194000	34.70	10.0	46.0	11.2	L1	GND
2.124000	33.10	10.0	46.0	12.9	L1	GND
2.208000	33.30	10.0	46.0	12.7	L1	GND
2.586000	31.80	10.0	46.0	14.2	L1	GND
7.128000	34.30	10.0	50.0	15.7	L1	GND
9.810000	34.20	10.0	50.0	15.7	L1	GND
13.356000	35.70	10.0	50.0	14.2	L1	GND

**Radiated emission according to:
to EN55022 class B**

EUT: Notebook Scenic Mobile 800 S / Mobile Workstation S
(PIII 650 MHz)
Manufacturer: Fujitsu Siemens Computers
Operating Condition: 1024x768/60 Hz (LCD) / 100 Hz (CRT), scr. H, HD /
CD/Peripheral-Test
Test Site: Siemens PCS Augsburg (10 m Semi Anechoic Chamber)
Operator: H. Zenkner
Configuration: full configuration
Comment:
Start of Test: 04.02.00 / 11:47:24

SCAN TABLE: "10m/30-1000"

Short Description: 10m Field Strength
Unit: dBµV/m

Detector: Mode:

Curve 1: MaxPeak ClearWrite

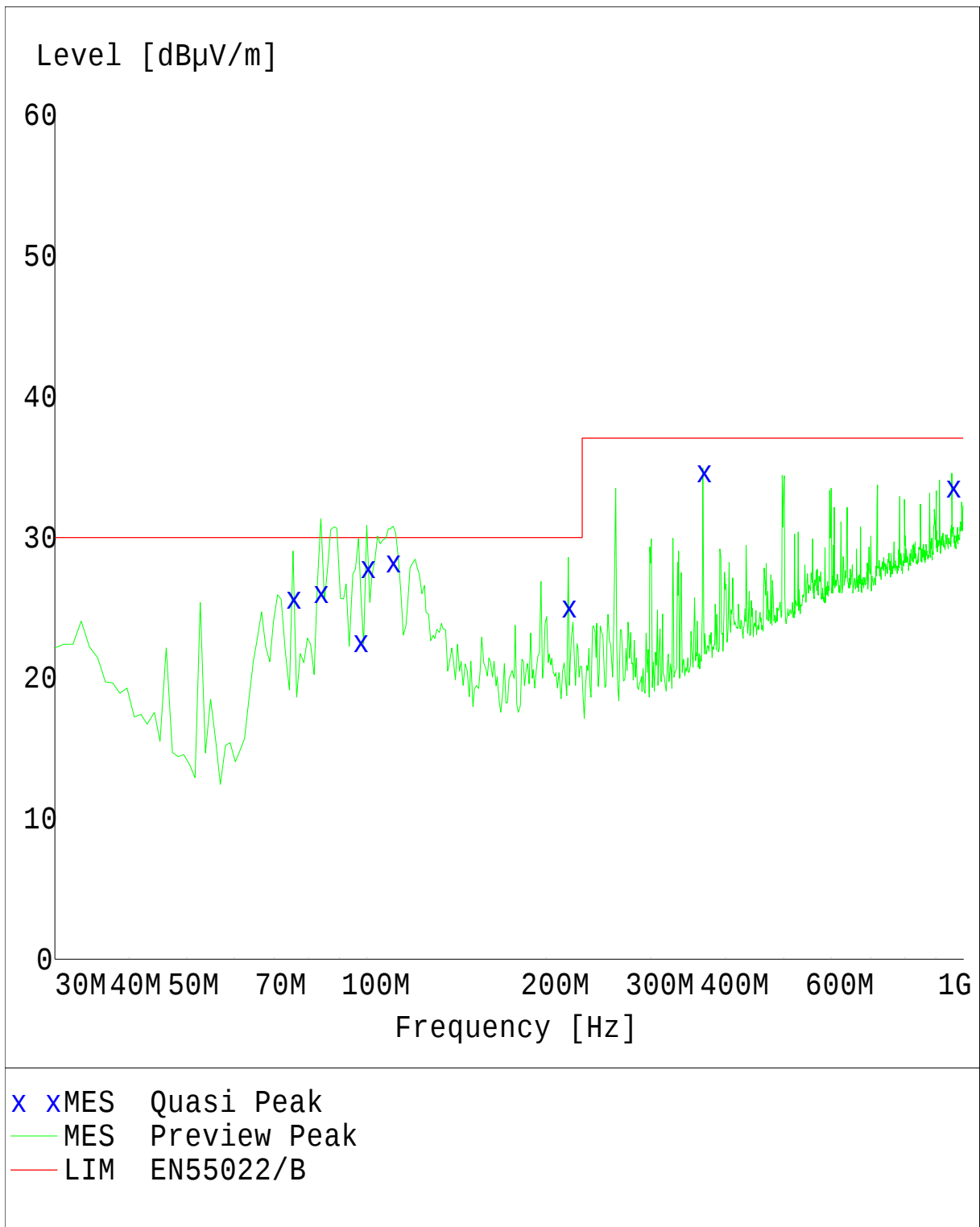
Subrange 1:

Start Frequency:	30.0 MHz	Step Size:	30.0 kHz
Stop Frequency:	1.0 GHz		
Measure Time:	10.0 ms		
IF Bandwidth:	120 kHz		

Receiver:	ESXI	Transducer:	CBL6112 cal. 8/99
Signal Path:	2DC-CP1X1	System Transducer:	RFin2-CP1/X1
Meas. Mode:	Lin	Add. Transd. 1:	cabl30-1000
Tracking Gen.:	Off	Add. Transd. 2:	None
Input:	2DC	Add. Transd. 3:	None

Preamplifier:	10 dB	Demodulation:	AM
RF Att.:	Coupled	Volume:	70 %
Ref. Level:	-60.0 dBm	Squelch:	--
Min. RF Att.:	0 dB	Option:	None
IF Att.:	--		
Autorange:	On		

Curve 1:	On	Repetition:	Single
		Stop Mark:	Off
		Stop Message:	Off
		Stop Message:	



MEASUREMENT RESULT: "Quasi Peak"

04.02.00 13:25

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
74.970000	25.60	6.5	30.0	4.4	400.0	150.00	HORIZONTAL
83.310000	26.00	8.1	30.0	4.0	160.0	300.00	VERTICAL
97.080000	22.50	10.8	30.0	7.5	100.0	300.00	VERTICAL
99.930000	27.80	11.3	30.0	2.2	340.0	270.00	HORIZONTAL
110.130000	28.20	12.4	30.0	1.8	100.0	300.00	VERTICAL
217.170000	25.00	9.6	30.0	5.0	100.0	270.00	VERTICAL
365.760000	34.60	16.6	37.0	2.4	280.0	330.00	HORIZONTAL
956.910000	33.50	24.1	37.0	3.5	160.0	210.00	VERTICAL

**Radiated emission according to:
to FCC class B**

EUT: Notebook Scenic Mobile 800 S / Mobile Workstation S
(PIII 650 MHz)
Manufacturer: Fujitsu Siemens Computers
Operating Condition: Scroll "H" 1024x768,60 Hz (LCD) / 100 Hz (CRT),
HD/CD/Peripheral-Test
Test Site: Siemens PCS Augsburg (10m Semi Anechoic Chamber)
Operator: M. Heuser
Configuration: Full configuration
Comment:
Start of Test: 17.02.00 / 09:40:35

SCAN TABLE: "FCC1-5GHz"

Short Description: 3m Messung FCC 1 bis 5 GHz
Unit: dBµV/m

Detector:	Mode:
Curve 1: MaxPeak	MaxHold
Curve 2: Average	MaxHold

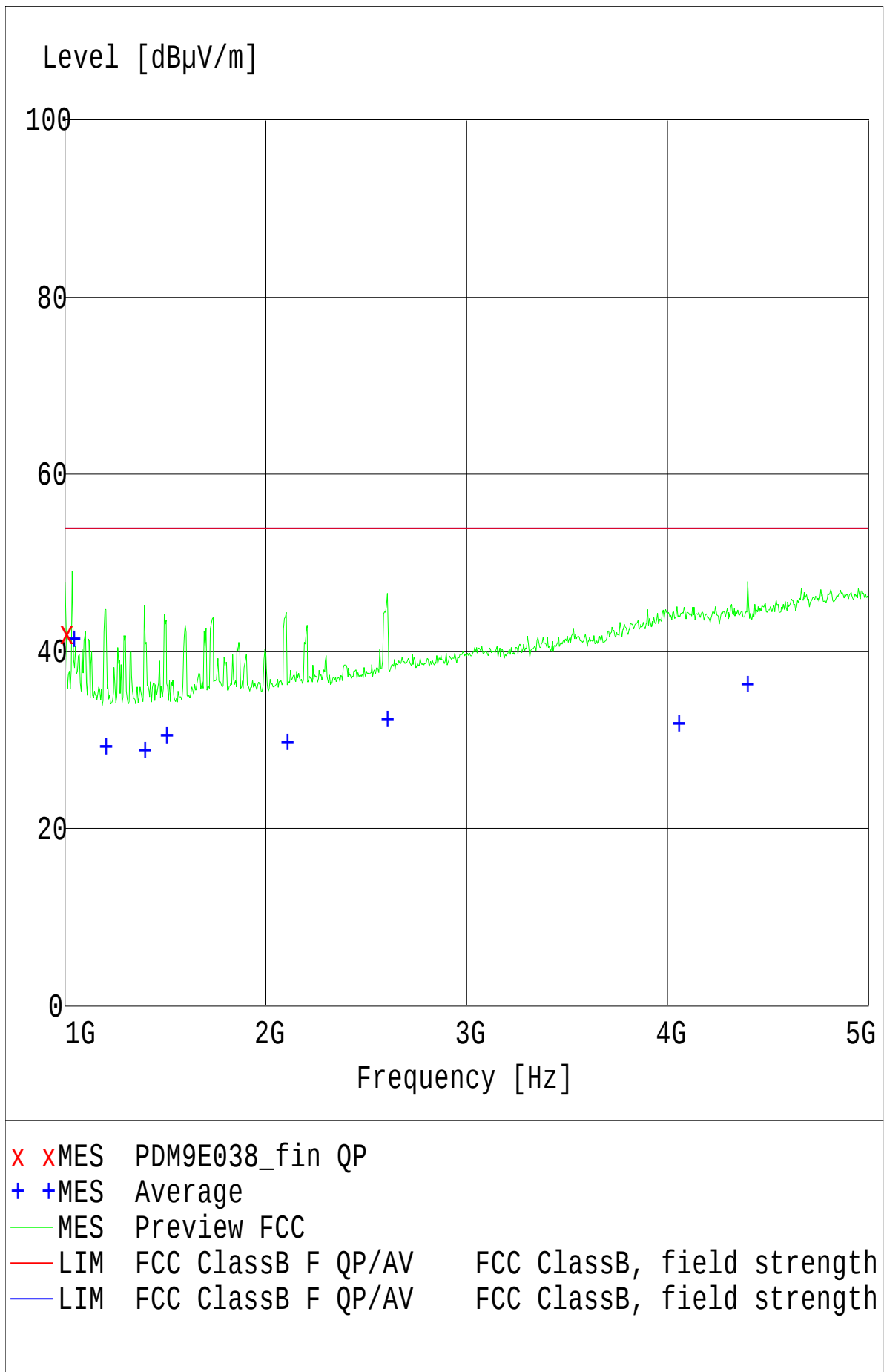
Subrange 1:

Start Frequency:	1.0 GHz	Step Size:	300.0 kHz
Stop Frequency:	5.0 GHz		
Measure Time:	10.0 ms		
IF Bandwidth:	1 MHz		

Receiver:	ESXI	Transducer:	Tensor cal12-99
Signal Path:	2DC-CP7X1	System Transducer:	RFin2-CP7/X1
Meas. Mode:	Lin	Add. Transd. 1:	Rosenberger 8m
Tracking Gen.:	Off	Add. Transd. 2:	None
Input:	2DC	Add. Transd. 3:	None

Preamplifier:	10 dB	Demodulation:	AM
RF Att.:	Coupled	Volume:	70 %
Ref. Level:	-40.0 dBm	Squelch:	--
Min. RF Att.:	0 dB	Option:	None
IF Att.:	--		
Autorange:	On		

Curve 1:	On	Repetition:	Single
Curve 2:	On	Stop Mark:	Off
		Stop Message:	Off
		Stop Message:	



MEASUREMENT RESULT: "PDM9E038_fin QP"

17.02.00 10:15

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1000.000000	42.00	7.8	53.9	11.9	100.0	330.00	HORIZONTAL

MEASUREMENT RESULT: "Average"

17.02.00 10:15

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1036.600000	41.30	8.6	53.9	12.6	100.0	330.00	HORIZONTAL
1195.900000	29.20	9.3	53.9	24.7	100.0	0.00	VERTICAL
1391.500000	28.80	9.6	53.9	25.1	200.0	180.00	HORIZONTAL
1499.200000	30.40	9.7	53.9	23.5	100.0	180.00	HORIZONTAL
2099.200000	29.70	11.7	53.9	24.2	100.0	0.00	HORIZONTAL
2599.000000	32.30	13.6	53.9	21.6	100.0	0.00	HORIZONTAL
4050.100000	31.80	19.1	53.9	22.1	100.0	330.00	VERTICAL
4394.500000	36.20	18.0	53.9	17.7	200.0	210.00	HORIZONTAL