

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

EUT: Scenic Mobile 800 s / Mobile Workstation S (PIII 500 MHz)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: Scroll "H" 1024x768x60Hz - HD+CD-Test  
Test Site: Siemens AG Augsburg SK1  
Operator: A. Siebenhütter  
Configuration: Full config. - Monitor powered extern  
Comment: MCM 1707 NTD  
Start of Test: 15.10.99 / 08:37:53

**SCAN TABLE: "Volt\_015-30MHZ"**

Unit: dBµV

Detector: Mode:

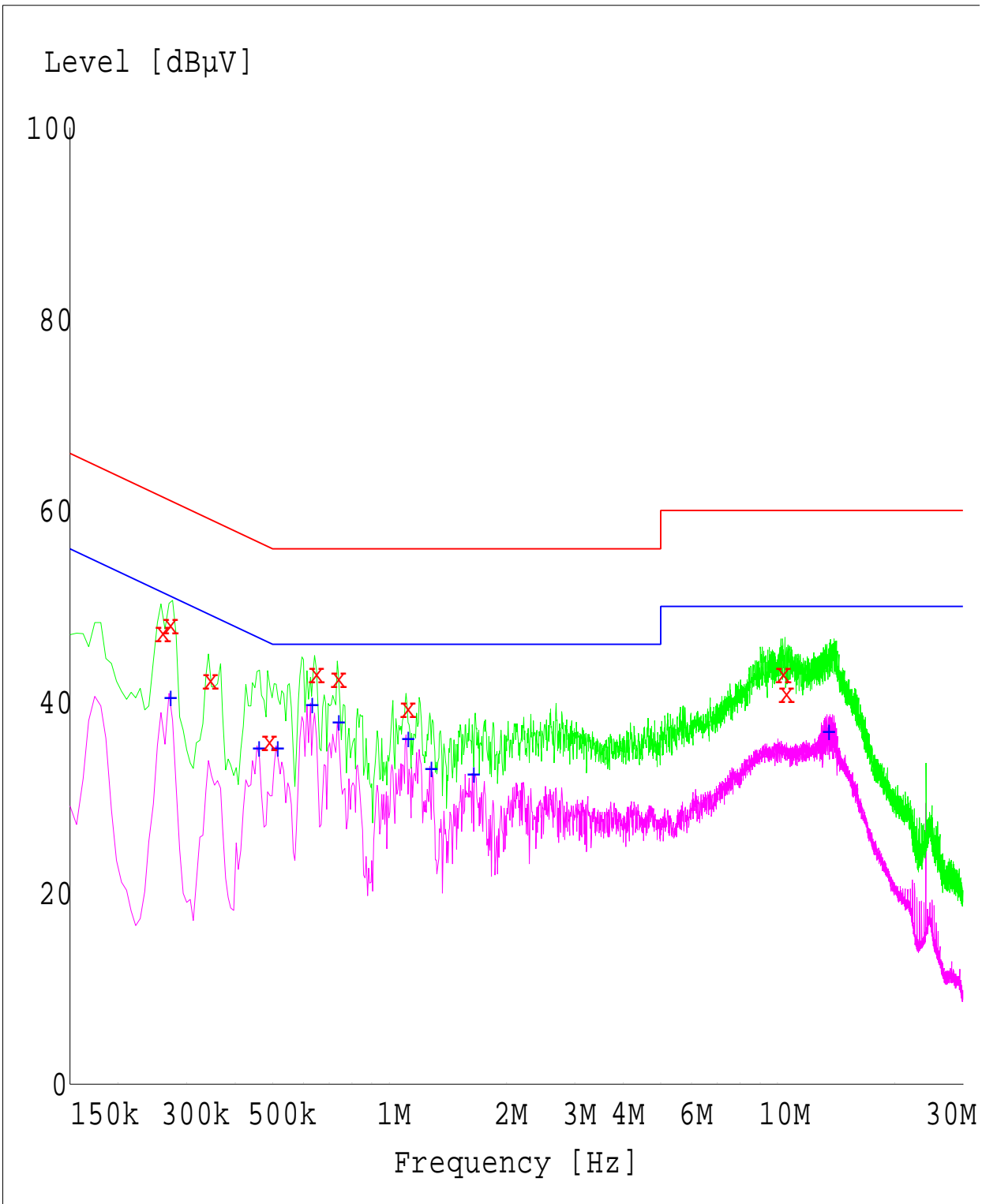
Curve 1: MaxPeak MaxHold  
Curve 2: Average MaxHold

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: ESHS Transducer: ESH2-Z5  
Signal Path: None System Transducer: None  
Meas. Mode: Lin Add. Transd. 1: ESH3-Z2  
Tracking Gen.: -- Add. Transd. 2: None  
Input: -- Add. Transd. 3: None

Preamplifier: Off Demodulation: A3  
RF Att.: 0 dB Volume: --  
Ref. Level: -- Squelch: --  
Min. RF Att.: 10 dB Option: None  
IF Att.: LowNoise  
Autorange: On



- x xMES Quasi Peak
- + +MES Average
- MES Preview Peak
- MES Preview AV
- LIM EN 55022/B V QP
- LIM EN 55022/B V AV

**MEASUREMENT RESULT: "Quasi Peak"**

15.10.99 08:52

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.258000	47.40	10.0	62	14.1	N	GND
0.270000	48.20	10.0	61	12.9	L1	GND
0.342000	42.40	10.0	59	16.8	L1	GND
0.486000	36.00	10.0	56	20.2	L1	GND
0.642000	43.10	10.0	56	12.9	L1	GND
0.732000	42.60	10.0	56	13.4	L1	GND
1.104000	39.50	10.0	56	16.5	L1	GND
10.242000	43.10	10.0	60	16.9	L1	GND
10.452000	41.00	10.0	60	19.0	L1	GND

**MEASUREMENT RESULT: "Average"**

15.10.99 08:52

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.270000	40.50	10.0	51	10.7	L1	GND
0.456000	35.30	10.0	47	11.4	L1	GND
0.510000	35.20	10.0	46	10.8	N	GND
0.624000	39.80	10.0	46	6.2	L1	GND
0.732000	38.00	10.0	46	8.0	L1	GND
1.104000	36.20	10.0	46	9.8	L1	GND
1.266000	33.10	10.0	46	12.9	L1	GND
1.632000	32.50	10.0	46	13.5	L1	GND
13.398000	37.00	10.0	50	13.0	L1	GND

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

EUT: Scenic Mobile 800 S / Mobile Workstation S (PIII 500 MHz)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: scr. "H" 1024\*768/60 Hz, HD+CD-Test  
Test Site: SNI-Augsburg (Semi-anechoic chamber 10m)  
Operator: H. Zenkner  
Configuration: fully conf.  
Comment:  
Start of Test: 13.10.99 16:53

**SCAN TABLE: "10m/30-1000"**

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

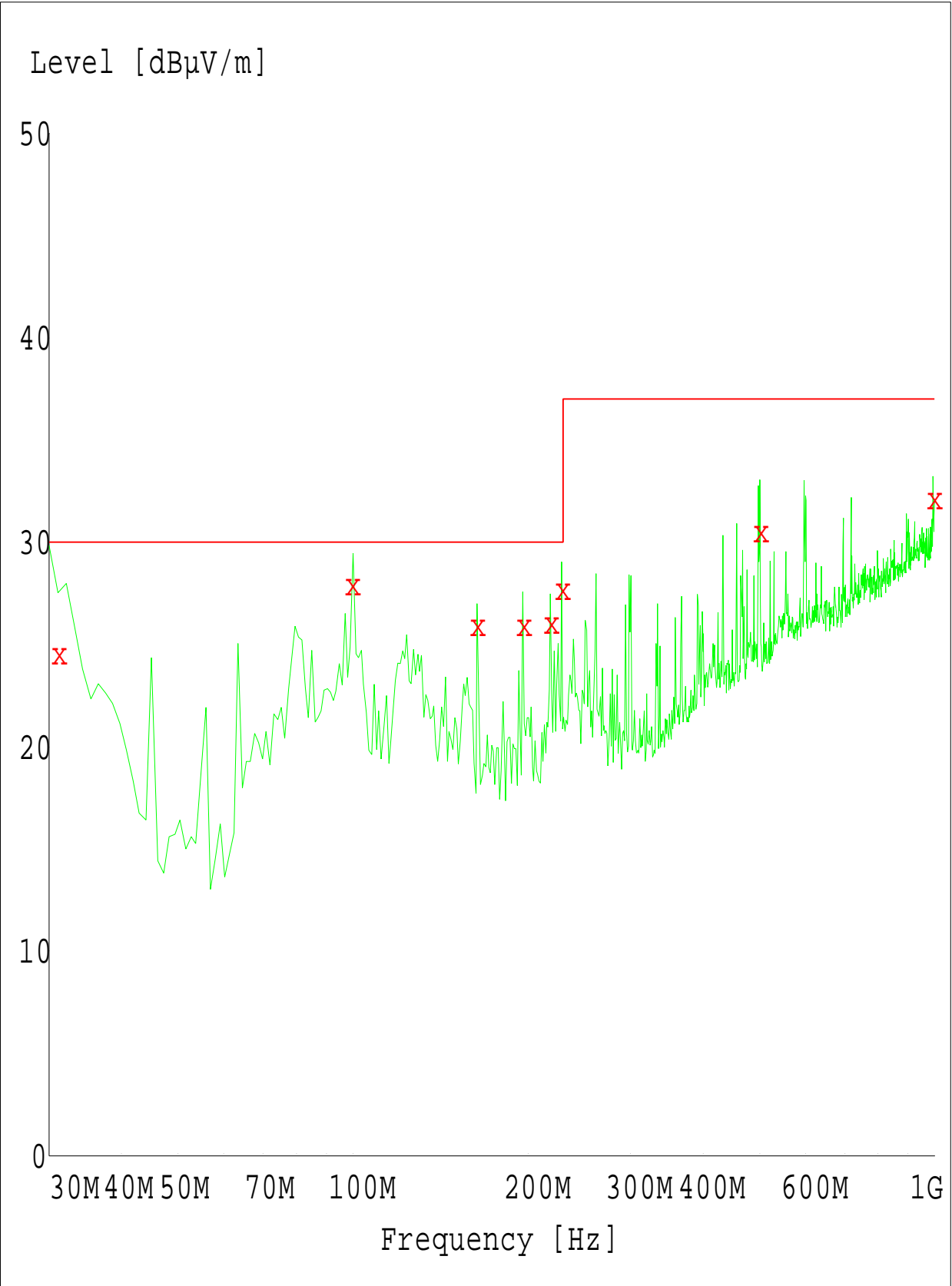
Subrange 1:

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: cable30-1000  
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:



x xMES Quasi Peak  
 — MES Preview Peak  
 — LIM EN55022/B

**MEASUREMENT RESULT: "Quasi Peak"**

13.10.99 16:50

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
31.110000	24.60	17.7	30.0	5.4	100.0	180.00	VERTICAL
99.390000	28.00	11.2	30.0	2.0	100.0	29.00	VERTICAL
162.870000	26.00	10.6	30.0	4.0	100.0	210.00	VERTICAL
195.450000	26.00	10.3	30.0	4.0	100.0	90.00	VERTICAL
218.280000	26.10	9.8	30.0	3.9	100.0	119.00	VERTICAL
228.000000	27.80	10.6	30.0	2.2	100.0	119.00	VERTICAL
499.980000	30.60	19.4	37.0	6.4	340.0	330.00	VERTICAL
993.630000	32.20	24.4	37.0	4.8	340.0	330.00	VERTICAL

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

EUT: Scenic Mobile 800 S / Mobile Workstation S (PIII 500 MHz)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: scr. "H" 1024\*768/60 Hz, HD+CD-Test  
Test Site: SNI-Augsburg (Semi-anechoic chamber 10m)  
Operator: A.Peschka  
Configuration: fully conf.  
Comment:  
Start of Test: 18.10.99 / 12:28:16

**SCAN TABLE: "FCC1-5GHz"**

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

Detector: Mode:

Curve 1: MaxPeak MaxHold  
Curve 2: Average MaxHold

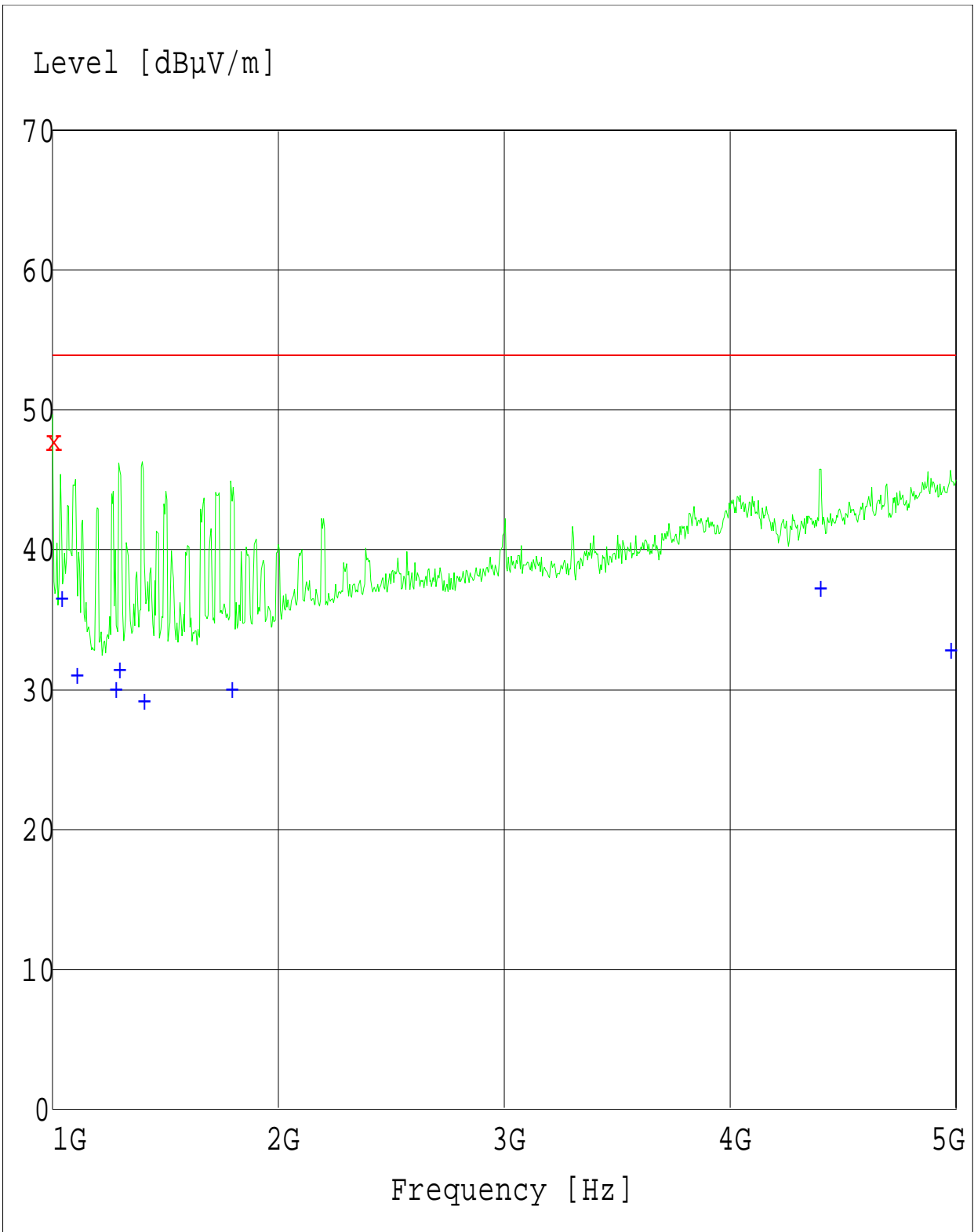
Subrange 1:

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: Tensor4105v  
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: -30.0 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:



x xMES PDM9E028\_fin QP  
 + +MES Average  
 — MES Preview FCC  
 — LIM FCC ClassB F QP/AV FCC ClassB, field strength  
 — LIM FCC ClassB F QP/AV FCC ClassB, field strength



**MEASUREMENT RESULT: "PDM9E028\_fin QP"**

18.10.99 13:13

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1000.000000	47.90	7.9	53.9	6.0	100.0	0.00	HORIZONTAL

**MEASUREMENT RESULT: "Average"**

18.10.99 13:13

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1036.600000	36.60	8.9	53.9	17.3	140.0	0.00	VERTICAL
1103.800000	31.10	9.1	53.9	22.8	140.0	59.00	VERTICAL
1275.700000	30.10	8.8	53.9	23.8	140.0	59.00	VERTICAL
1291.900000	31.50	9.1	53.9	22.4	100.0	239.00	HORIZONTAL
1399.900000	29.30	9.1	53.9	24.6	100.0	29.00	VERTICAL
1788.700000	30.10	11.0	53.9	23.8	100.0	0.00	HORIZONTAL
4393.300000	37.30	16.5	53.9	16.6	140.0	210.00	HORIZONTAL
4969.900000	32.90	19.6	53.9	21.0	300.0	239.00	HORIZONTAL