

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: Scroll. "H"; 1024x768/85 Hz; HD/CD-Test  
Test Site: Fujitsu Siemens Augsburg (shielded room # 1)  
Operator: A. Herr  
Configuration: full configuration, PSU: Minebea E447-V20  
Comment: Mains: 115 V/60 Hz; Monitor power via EUT  
Start of Test: 06.09.00 / 13:33:09

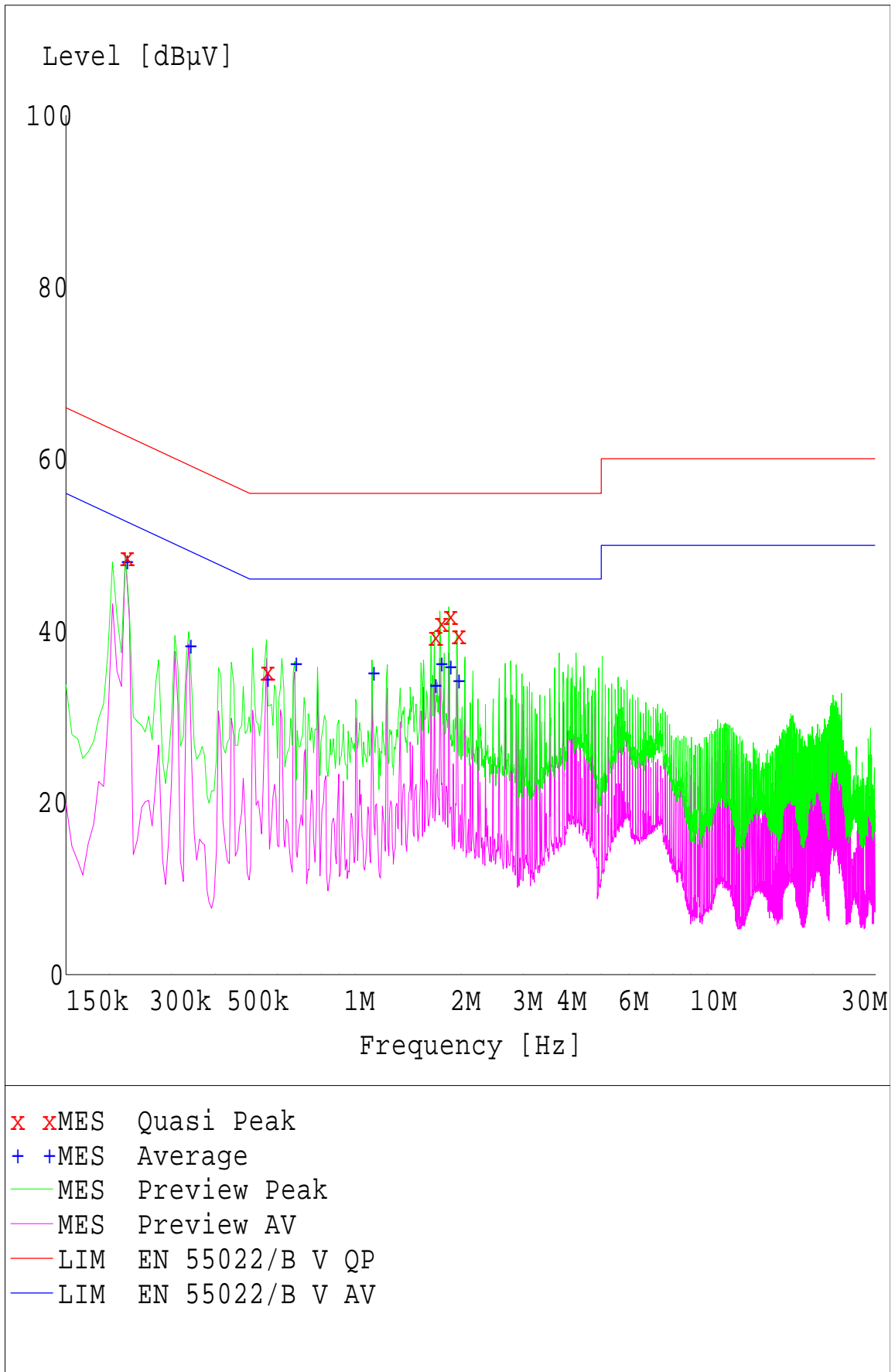
**SCAN TABLE: "Volt\_015-30MHZ"**

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		



**MEASUREMENT RESULT: "Quasi Peak"**

06.09.00 13:48

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	48.70	10.0	63	14.0	L1	GND
0.558000	35.40	10.0	56	20.7	L1	GND
1.674000	39.40	10.0	56	16.6	N	GND
1.740000	41.10	10.0	56	14.9	N	GND
1.848000	41.80	10.0	56	14.2	N	GND
1.950000	39.60	10.0	56	16.4	L1	GND

**MEASUREMENT RESULT: "Average"**

06.09.00 13:48

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	48.20	10.0	53	4.6	L1	GND
0.336000	38.30	10.0	49	11.0	L1	GND
0.558000	34.50	10.0	46	11.5	L1	GND
0.672000	36.30	10.0	46	9.7	L1	GND
1.116000	35.20	10.0	46	10.8	L1	GND
1.674000	33.80	10.0	46	12.2	L1	GND
1.740000	36.30	10.0	46	9.8	N	GND
1.842000	36.00	10.0	46	10.0	L1	GND
1.950000	34.30	10.0	46	11.7	N	GND

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: Scroll. "H"; 1024x768/85 Hz; HD/CD-Test  
Test Site: Fujitsu Siemens Augsburg (shielded room # 1)  
Operator: A. Herr  
Configuration: full configuration, PSU: Minebea E447-V20  
Comment: Mains: 115 V/60 Hz; Monitor power from peripheral device LISN  
Start of Test: 06.09.00 / 13:15:00

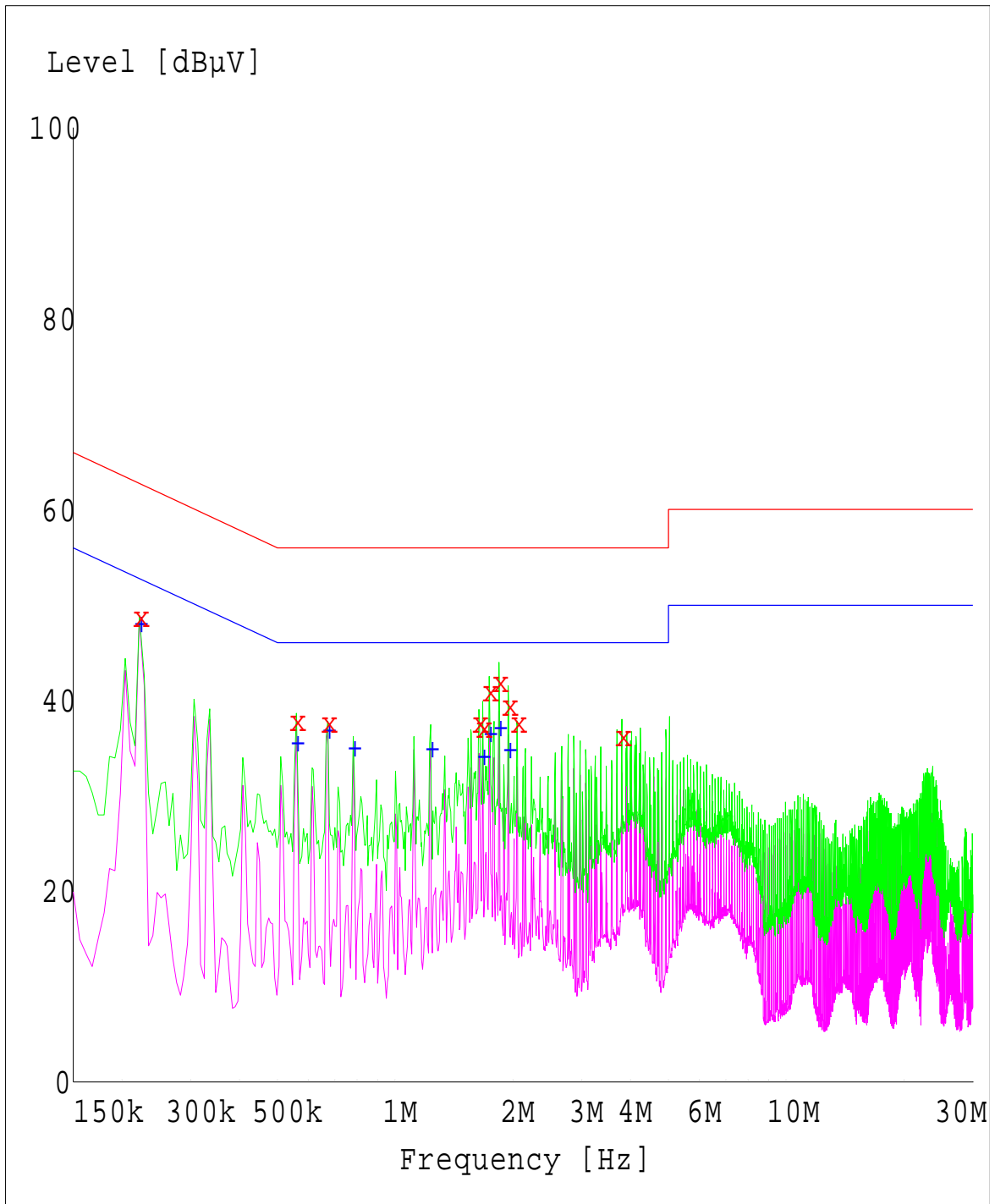
**SCAN TABLE: "Volt\_015-30MHZ"**

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"**

06.09.00 13:29

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	48.90	10.0	63	13.8	L1	GND
0.558000	38.00	10.0	56	18.0	L1	GND
0.672000	37.70	10.0	56	18.3	L1	GND
1.638000	37.70	10.0	56	18.3	N	GND
1.674000	37.20	10.0	56	18.8	N	GND
1.740000	41.10	10.0	56	14.9	N	GND
1.842000	42.00	10.0	56	14.0	N	GND
1.950000	39.60	10.0	56	16.4	N	GND
2.052000	37.80	10.0	56	18.2	N	GND
3.792000	36.30	10.0	56	19.7	L1	GND

**MEASUREMENT RESULT: "Average"**

06.09.00 13:29

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	48.20	10.0	53	4.6	L1	GND
0.558000	35.70	10.0	46	10.3	L1	GND
0.672000	37.00	10.0	46	9.0	L1	GND
0.780000	35.10	10.0	46	10.9	L1	GND
1.230000	35.00	10.0	46	11.0	L1	GND
1.674000	34.20	10.0	46	11.8	N	GND
1.740000	36.60	10.0	46	9.4	N	GND
1.842000	37.20	10.0	46	8.8	N	GND
1.950000	34.90	10.0	46	11.1	N	GND

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: scr. "H"; 1024x768/85 Hz; HD/CD-Test  
Test Site: Fujitsu Siemens Augsburg (shielded room # 1)  
Operator: A. Herr  
Configuration: PSU: Newton E447-V50  
Comment: Mains: 115 V/60 Hz; Monitor power via EUT  
Start of Test: 06.10.00 / 08:47:58

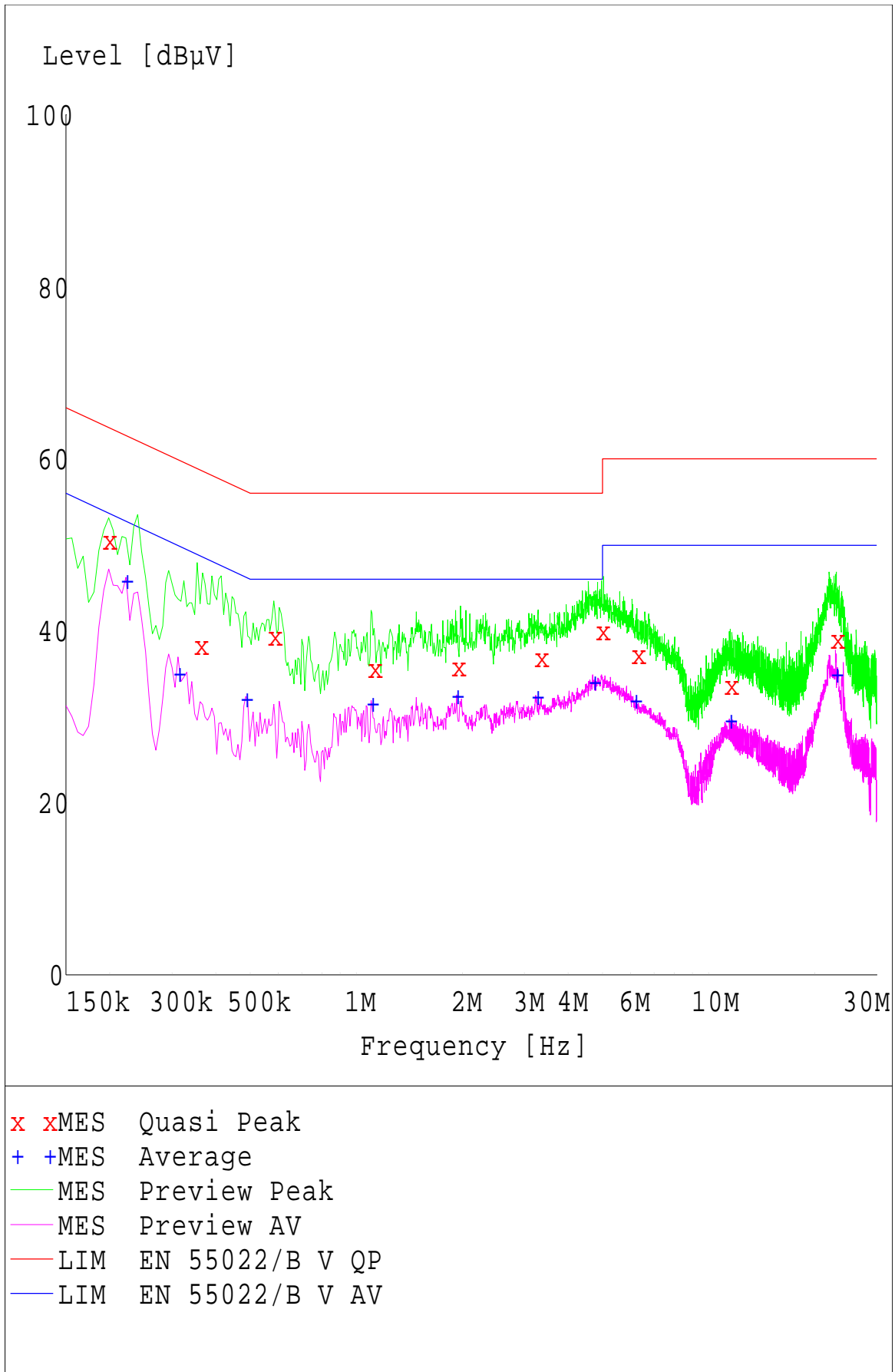
**SCAN TABLE: "Volt\_015-30MHZ"**

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		





**MEASUREMENT RESULT: "Quasi Peak"**

06.10.00 09:03

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.198000	50.60	10.0	64	13.1	N	GND
0.360000	38.40	10.0	59	20.3	L1	GND
0.582000	39.50	10.0	56	16.5	L1	GND
1.122000	35.70	10.0	56	20.3	L1	GND
1.938000	36.00	10.0	56	20.0	L1	GND
3.330000	37.00	10.0	56	19.0	L1	GND
4.986000	40.10	10.0	56	15.9	L1	GND
6.270000	37.40	10.0	60	22.6	L1	GND
11.514000	33.80	10.0	60	26.2	L1	GND
23.052000	39.10	10.0	60	20.9	N	GND

**MEASUREMENT RESULT: "Average"**

06.10.00 09:03

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	45.90	10.0	53	6.9	N	GND
0.312000	35.10	10.0	50	14.8	N	GND
0.486000	32.10	10.0	46	14.1	N	GND
1.104000	31.70	10.0	46	14.3	L1	GND
1.926000	32.50	10.0	46	13.5	L1	GND
3.246000	32.40	10.0	46	13.6	L1	GND
4.710000	34.10	10.0	46	11.9	L1	GND
6.168000	32.00	10.0	50	18.0	L1	GND
11.460000	29.70	10.0	50	20.4	L1	GND
22.890000	35.00	10.0	50	15.0	L1	GND

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: scr. "H";1024x768/85 Hz; HD/CD-Test  
Test Site: Fujitsu Siemens Augsburg (shielded room # 1)  
Operator: A. Herr  
Configuration: PSU: Newton E447-V50  
Comment: Mains: 115 V/60 Hz; Monitor power from peripheral device LISN  
Start of Test: 06.10.00 / 09:05:51

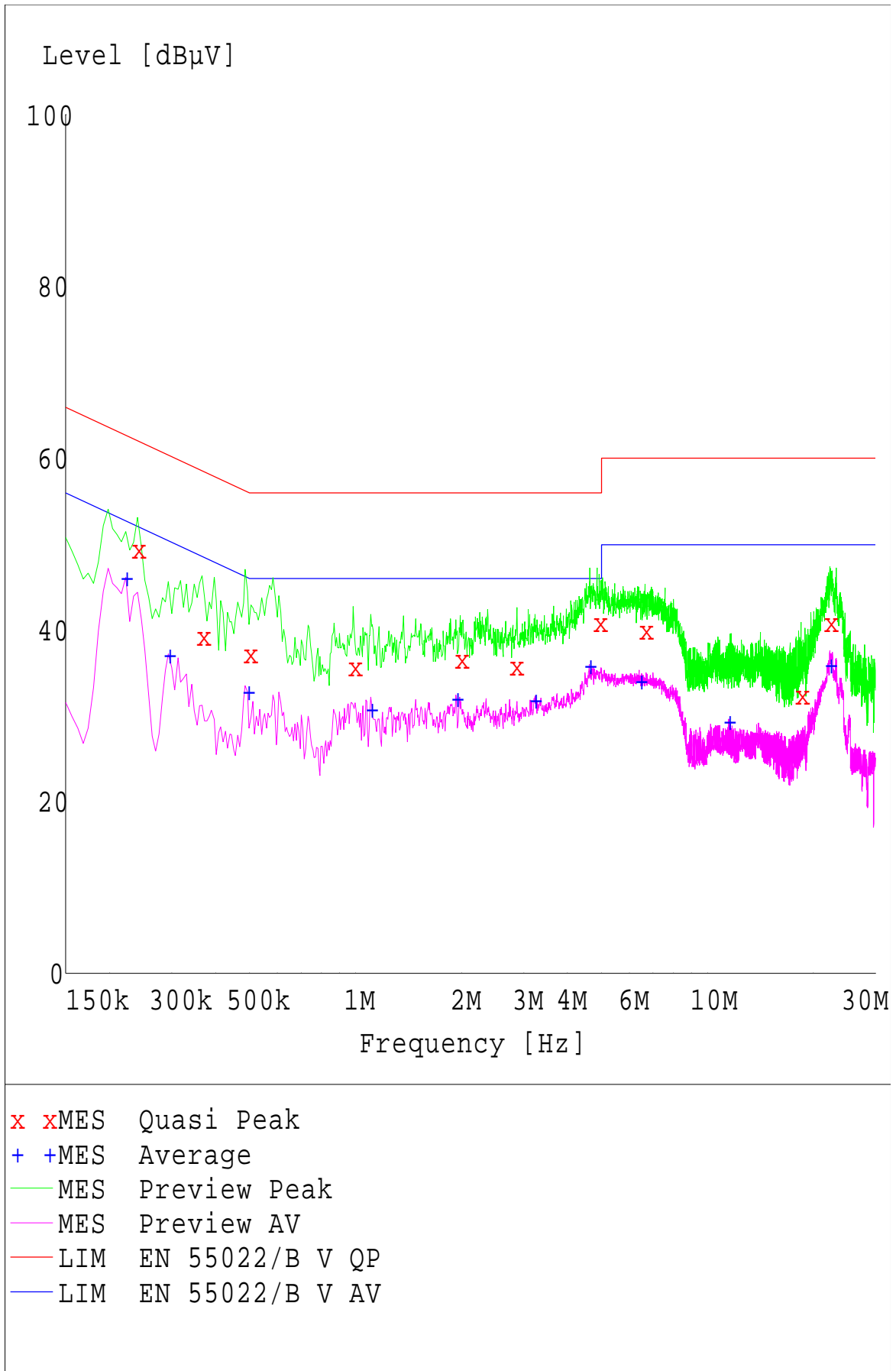
**SCAN TABLE: "Volt\_015-30MHZ"**

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		



**MEASUREMENT RESULT: "Quasi Peak"**

06.10.00 09:21

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.240000	49.50	10.0	62	12.6	N	GND
0.366000	39.40	10.0	59	19.2	L1	GND
0.498000	37.30	10.0	56	18.7	N	GND
0.990000	35.80	10.0	56	20.2	L1	GND
1.986000	36.70	10.0	56	19.3	L1	GND
2.838000	35.90	10.0	56	20.1	L1	GND
4.908000	40.90	10.0	56	15.1	L1	GND
6.636000	40.10	10.0	60	19.9	L1	GND
18.408000	32.50	10.0	60	27.5	L1	GND
22.260000	41.00	10.0	60	19.0	N	GND

**MEASUREMENT RESULT: "Average"**

06.10.00 09:21

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	46.10	10.0	53	6.6	N	GND
0.294000	37.10	10.0	50	13.3	N	GND
0.492000	32.90	10.0	46	13.3	N	GND
1.104000	30.80	10.0	46	15.2	L1	GND
1.932000	32.00	10.0	46	14.0	L1	GND
3.228000	31.90	10.0	46	14.1	L1	GND
4.602000	35.90	10.0	46	10.1	L1	GND
6.432000	34.10	10.0	50	15.9	L1	GND
11.478000	29.40	10.0	50	20.7	L1	GND
22.248000	36.00	10.0	50	14.0	N	GND

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
Manufacturer: Fujitsu Siemens Computers  
Operating Condition: scroll "H"; 1024x768/85 Hz; HD/CD/Peripheral-Test  
Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)  
Operator: A. Luck  
Configuration: full configuration  
Comment: PSU: Minebea E447-V20  
Start of Test: 05.09.00 / 11:36:49

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

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

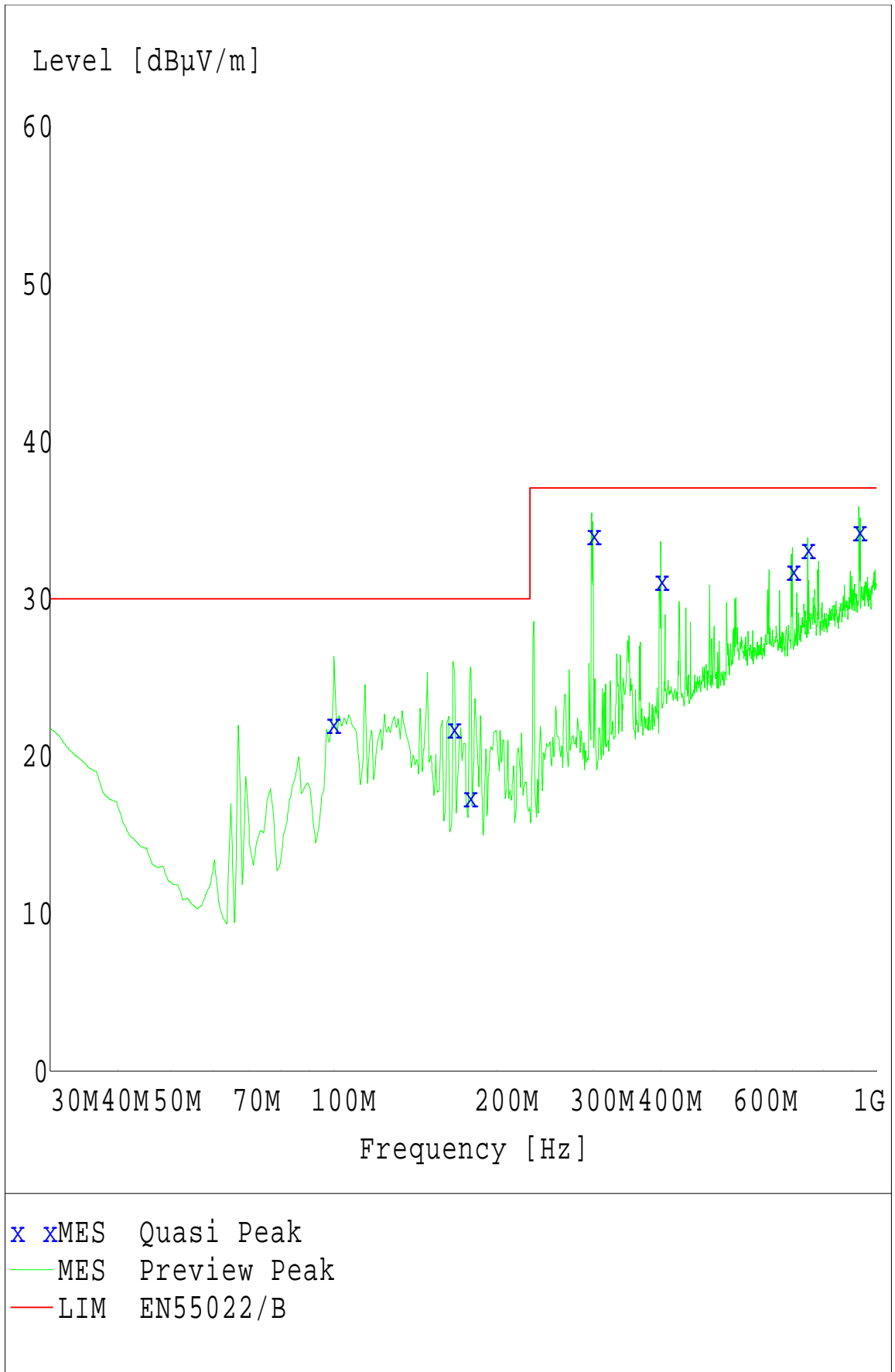
Subrange 1:

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:



**MEASUREMENT RESULT: "Quasi Peak"**

05.09.00 12:46

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
99.390000	22.10	11.2	30.0	7.9	160.0	210.00	VERTICAL
165.600000	21.80	10.7	30.0	8.2	100.0	210.00	VERTICAL
177.600000	17.40	9.9	30.0	12.6	400.0	180.00	HORIZONTAL
299.940000	34.10	14.7	37.0	2.9	280.0	59.00	HORIZONTAL
399.930000	31.20	17.9	37.0	5.8	220.0	300.00	HORIZONTAL
699.870000	31.80	21.8	37.0	5.2	400.0	330.00	HORIZONTAL
745.800000	33.20	22.5	37.0	3.8	280.0	180.00	VERTICAL
927.180000	34.30	23.7	37.0	2.7	100.0	330.00	HORIZONTAL

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
 Manufacturer: Fujitsu Siemens Computers  
 Operating Condition: scroll "H"; 1024x768/85 Hz; CD-HD-Peripheral-Test  
 Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)  
 Operator: M. Rothtauscher  
 Configuration: full configuration  
 Comment: PSU: Minebea E447-V20  
 Start of Test: 24.08.00 / 11:50:21

**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:

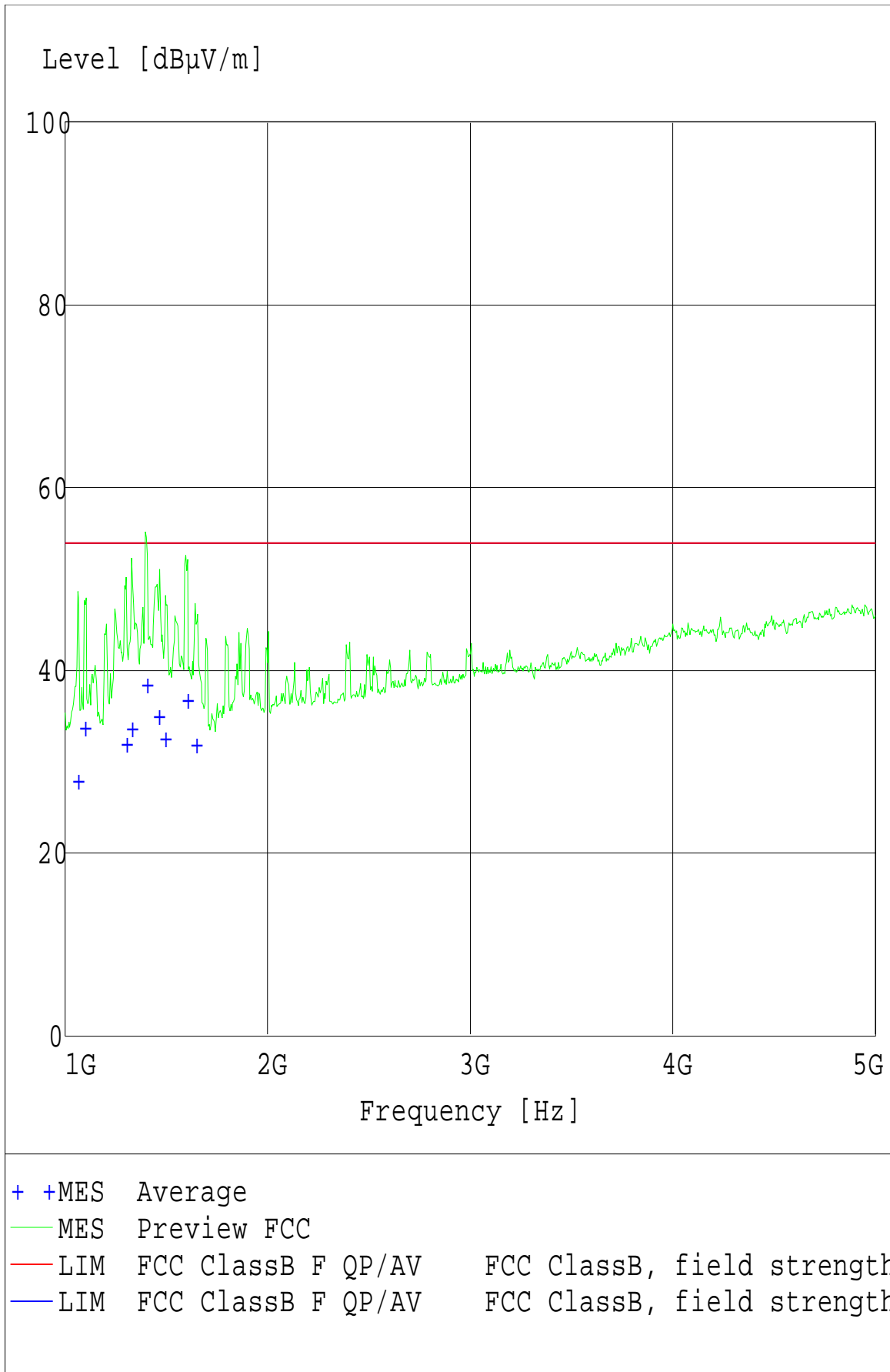
Start Frequency:	1.0 GHz	Step Size:	300.0 kHz
Stop Frequency:	5.0 GHz		
Measure Time:	10.0 ms		
IF Bandwidth:	1 MHz		

Receiver:	ESXI	Transducer:	Tensor call2-99
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:	Off





**MEASUREMENT RESULT: "Average"**

24.08.00 12:21

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1059.700000	28.00	8.8	53.9	25.9	100.0	330.00	HORIZONTAL
1093.000000	33.80	8.6	53.9	20.1	100.0	180.00	HORIZONTAL
1296.700000	32.00	9.5	53.9	21.9	100.0	59.00	VERTICAL
1324.600000	33.70	9.5	53.9	20.2	100.0	0.00	VERTICAL
1399.600000	38.50	9.7	53.9	15.4	100.0	0.00	VERTICAL
1457.200000	35.00	9.6	53.9	18.9	100.0	29.00	VERTICAL
1490.200000	32.60	9.7	53.9	21.3	100.0	29.00	VERTICAL
1599.700000	36.80	10.2	53.9	17.1	100.0	0.00	VERTICAL
1643.200000	31.90	10.7	53.9	22.0	100.0	330.00	VERTICAL

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
 Manufacturer: Fujitsu Siemens Computers  
 Operating Condition: scroll "H"; 1024x768/85 Hz; CD-HD-Peripheral-Test  
 Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)  
 Operator: M. Rothtauscher  
 Configuration: full configuration  
 Comment: PSU: Newton E447-V50  
 Start of Test: 09.10.00 / 14:57:14

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

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

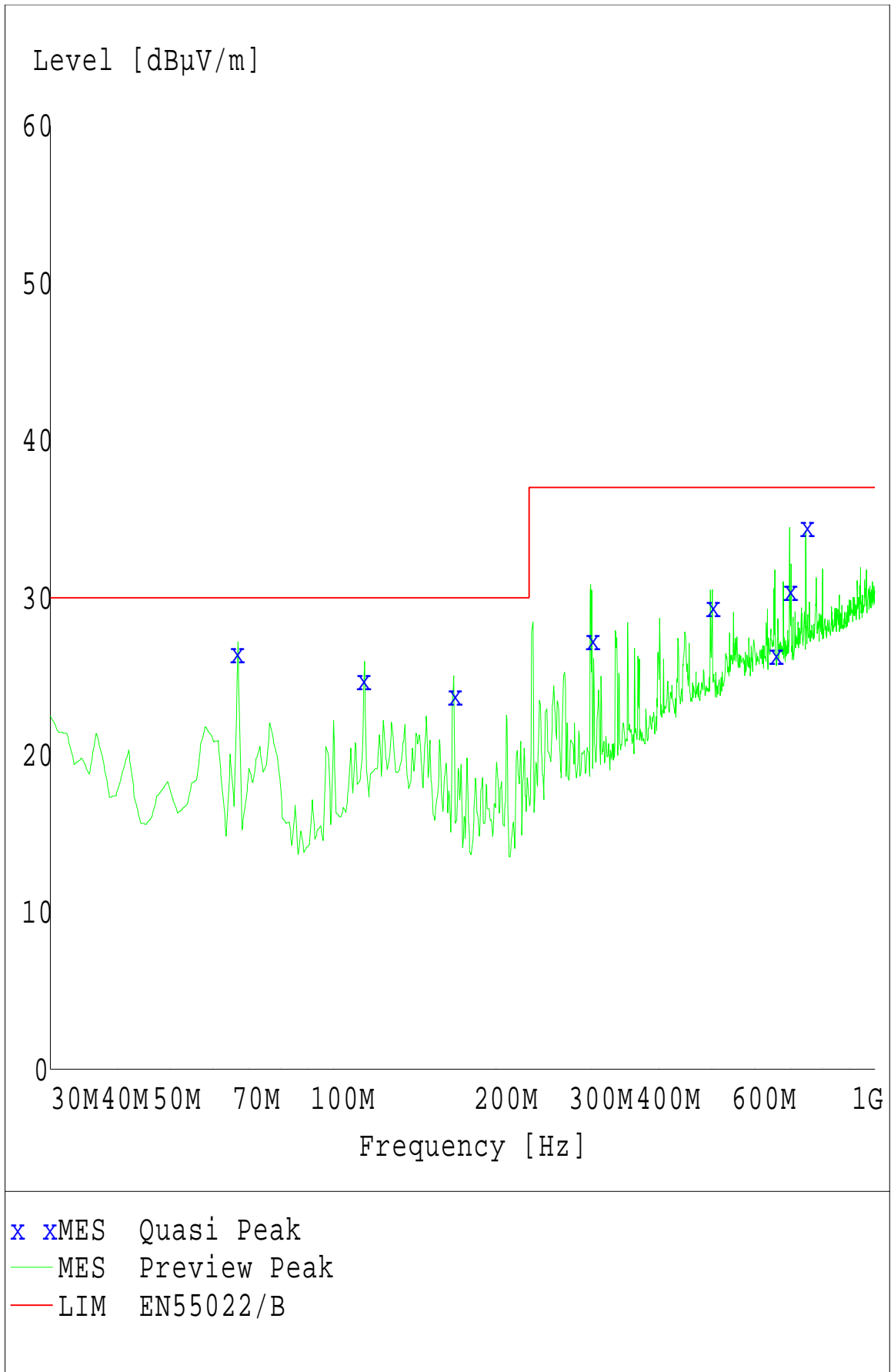
Subrange 1:

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:



**MEASUREMENT RESULT: "Quasi Peak"**

09.10.00 15:54

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
66.150000	26.50	5.7	30.0	3.5	400.0	239.00	HORIZONTAL
113.400000	24.80	12.5	30.0	5.2	160.0	210.00	VERTICAL
166.620000	23.80	10.7	30.0	6.2	400.0	119.00	HORIZONTAL
299.880000	27.30	14.7	37.0	9.7	280.0	0.00	HORIZONTAL
499.920000	29.40	19.4	37.0	7.6	220.0	210.00	VERTICAL
654.030000	26.40	21.7	37.0	10.6	220.0	0.00	VERTICAL
695.400000	30.50	21.7	37.0	6.5	100.0	300.00	HORIZONTAL
745.830000	34.50	22.6	37.0	2.5	220.0	180.00	VERTICAL

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

EUT: DT6-D1171 / PIII 1000 MHz (Scenic xB-1171)  
 Manufacturer: Fujitsu Siemens Computers  
 Operating Condition: scroll "H"; 1024x768/85 Hz; CD-HD-Peripheral-Test  
 Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)  
 Operator: M. Rothtauscher  
 Configuration: full configuration  
 Comment: PSU: Newton E447-V50  
 Start of Test: 09.10.00 / 15:58:08

**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

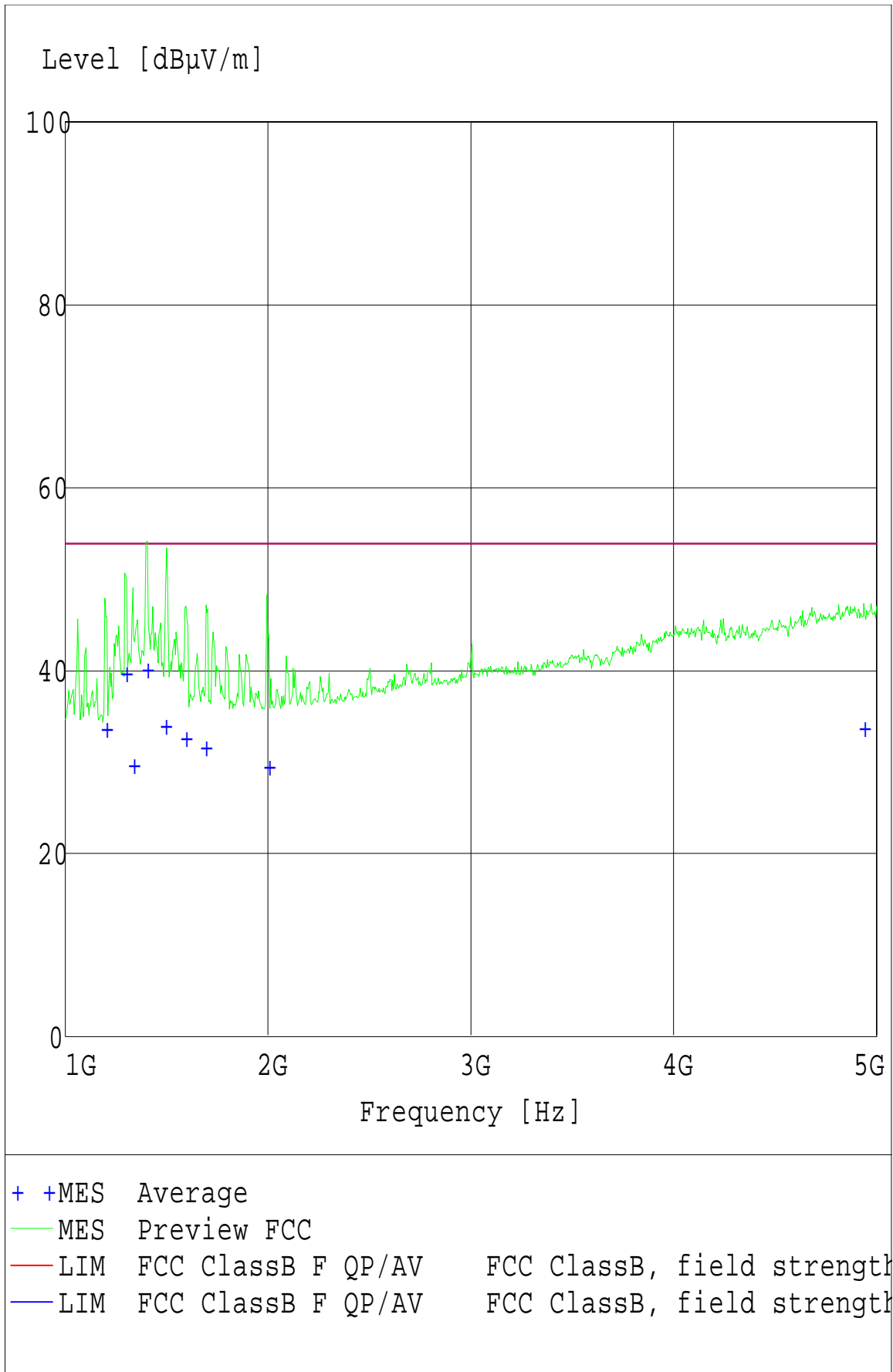
Subrange 1:

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 call2-99
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:	Off



**MEASUREMENT RESULT: "Average"**

09.10.00 16:28

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1199.800000	33.70	9.2	53.9	20.2	200.0	0.00	VERTICAL
1296.100000	39.70	9.5	53.9	14.2	100.0	29.00	VERTICAL
1333.000000	29.70	9.5	53.9	24.2	100.0	59.00	VERTICAL
1399.600000	40.20	9.7	53.9	13.7	100.0	29.00	VERTICAL
1492.900000	34.00	9.7	53.9	19.9	100.0	0.00	VERTICAL
1589.500000	32.70	10.1	53.9	21.2	100.0	330.00	VERTICAL
1689.100000	31.70	11.1	53.9	22.2	200.0	0.00	VERTICAL
1999.600000	29.60	11.1	53.9	24.3	100.0	0.00	VERTICAL
4936.600000	33.80	20.8	53.9	20.1	100.0	29.00	VERTICAL