

Conducted noise according to:

EN 55022 class B

EUT: PC-Sheffield, Scenic651 PII 500 MHz
Manufacturer: Siemens AG
Operating Condition: scr. "H" 1024*768/100Hz; HD+CD+LAN-Test
Test Site: Siemens AG Augsburg SK1
Operator: H. Zenkner
Comment: full config.; Monitor MCM1707 power supply from PC
Comment: Power supply: Astec E425-V30
Start of Test: 21.12.98 / 15:46:47

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBµV

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

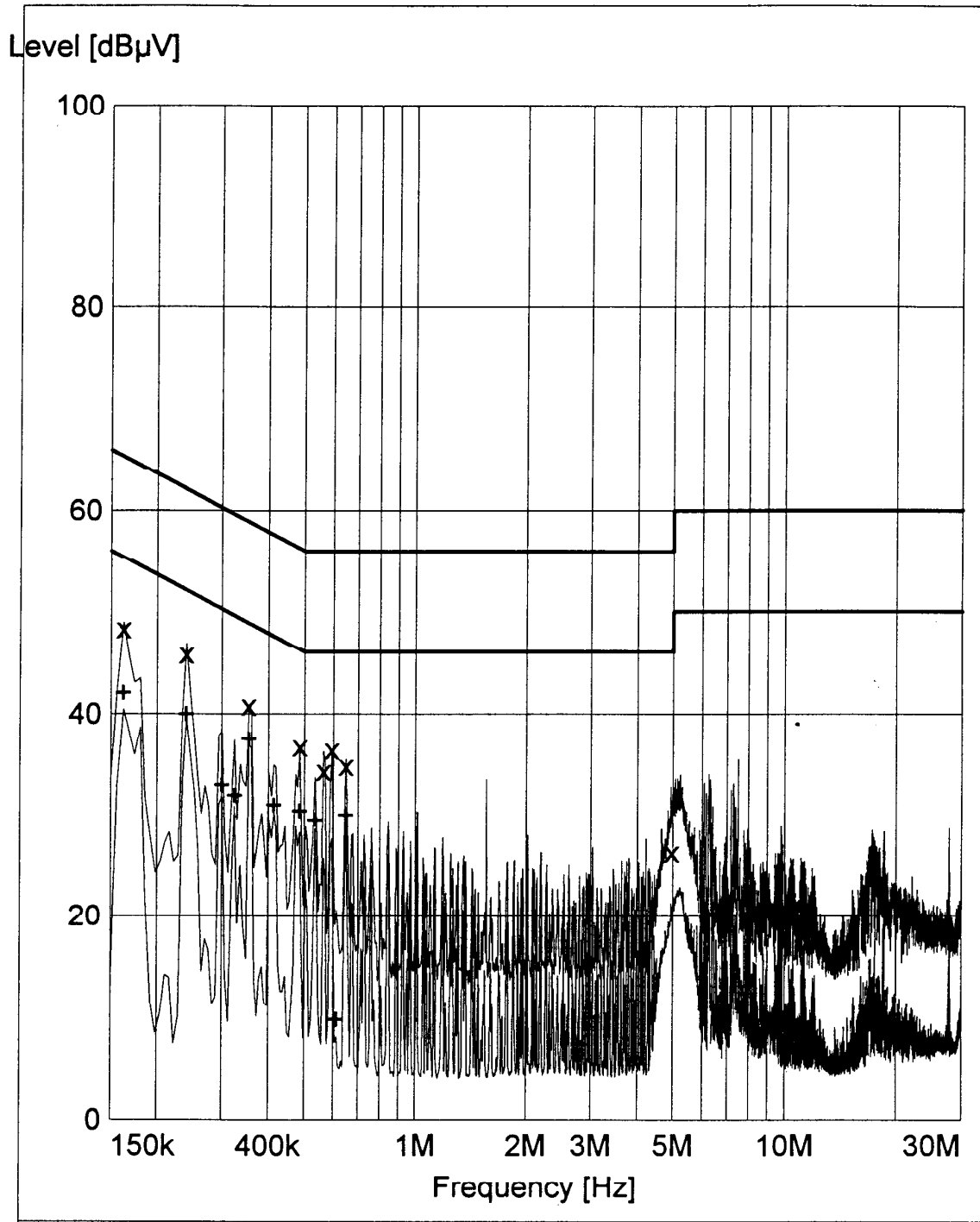
Subrange 1:

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

Curve 1: On Repetition: 0
Curve 2: On Stop Mark: Off



x x MES 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"

21.12.98 15:57

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.162000	48.40	10.0	65.3	16.9	N	GND
0.240000	45.80	10.0	62.0	16.2	N	GND
0.354000	40.80	10.0	58.8	17.9	L1	GND
0.486000	36.80	10.0	56.2	19.3	N	GND
0.564000	34.40	10.0	56.0	21.6	N	GND
0.594000	36.50	10.0	56.0	19.4	L1	GND
0.648000	34.90	10.0	56.0	21.0	L1	GND
4.956000	26.30	10.0	56.0	29.6	L1	GND

MEASUREMENT RESULT: "Average"

21.12.98 15:57

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.162000	42.00	10.0	55.3	13.3	L1	GND
0.240000	40.00	10.0	52.0	12.0	L1	GND
0.300000	33.00	10.0	50.2	17.1	L1	GND
0.324000	31.90	10.0	49.6	17.6	N	GND
0.354000	37.50	10.0	48.8	11.2	L1	GND
0.414000	31.00	10.0	47.5	16.5	N	GND
0.486000	30.40	10.0	46.2	15.8	N	GND
0.534000	29.50	10.0	46.0	16.4	L1	GND
0.612000	9.80	10.0	46.0	36.1	L1	GND
0.648000	30.00	10.0	46.0	15.9	N	GND

Conducted noise according to:

EN 55022 class B

EUT: PC-Sheffield, Scenic651 PII 500 MHz
Manufacturer: Siemens AG
Operating Condition: scr. "H" 1600*1200/70Hz; HD+CD+LAN-Test
Test Site: Siemens AG Augsburg SK1
Operator: H. Zenkner
Comment: full config.; MonitorMCM1707 power supply from PC
Comment: Power supply: Astec E425-V30
Start of Test: 22.12.98 / 14:11:14

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBµV

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

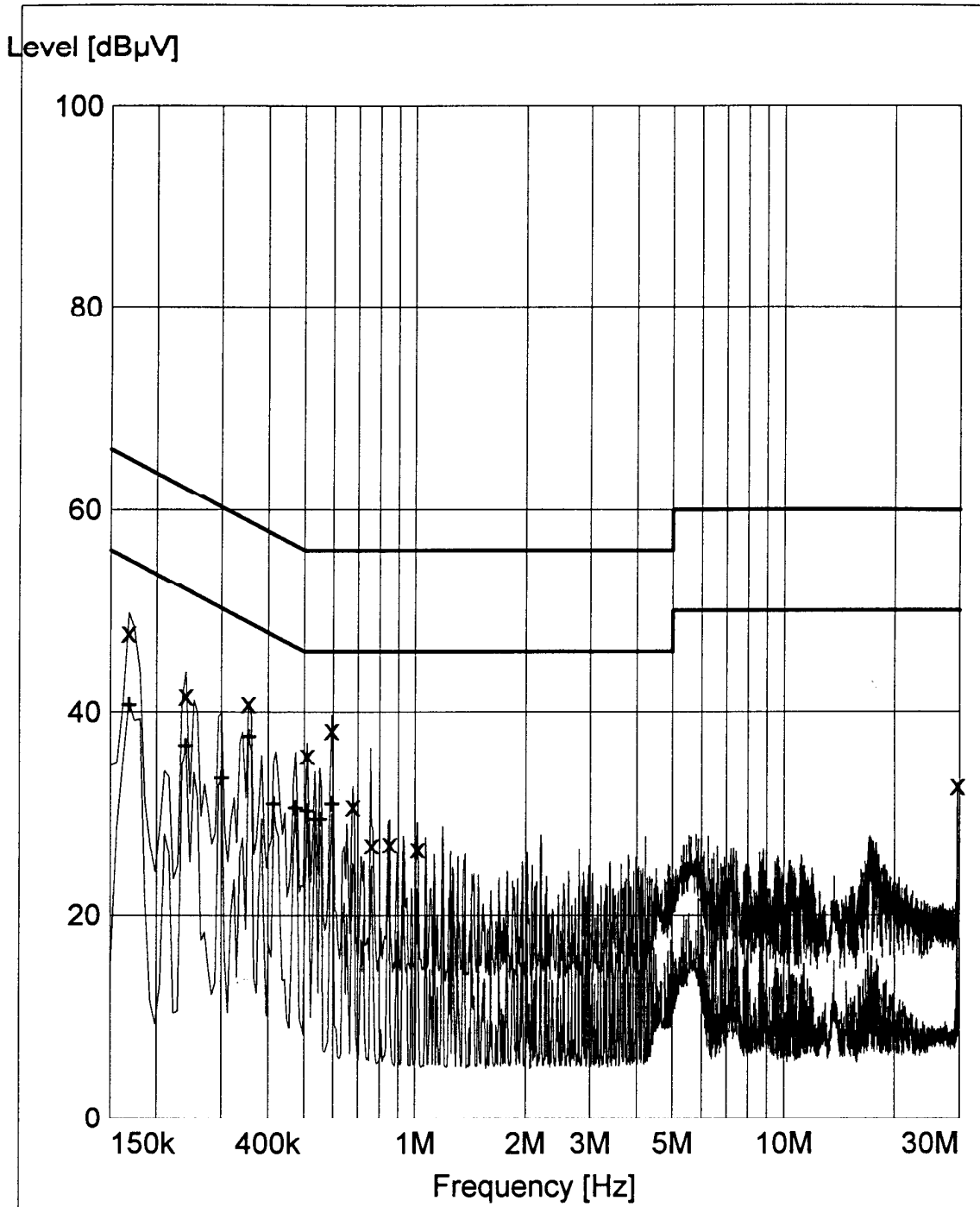
Subrange 1:

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

Curve 1: On Repetition: 0
Curve 2: On Stop Mark: Off



x x MES 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"

22.12.98 14:18

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.168000	47.90	10.0	65.0	17.1	N	GND
0.240000	41.60	10.0	62.0	20.4	L1	GND
0.354000	40.90	10.0	58.8	17.9	L1	GND
0.510000	35.80	10.0	56.0	20.1	N	GND
0.594000	38.30	10.0	56.0	17.6	N	GND
0.678000	30.80	10.0	56.0	25.1	N	GND
0.762000	27.00	10.0	56.0	28.9	N	GND
0.852000	27.10	10.0	56.0	28.8	N	GND
1.014000	26.60	10.0	56.0	29.3	L1	GND
29.598000	32.80	10.0	60.0	27.1	L1	GND

MEASUREMENT RESULT: "Average"

22.12.98 14:18

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.168000	40.70	10.0	55.0	14.2	L1	GND
0.240000	36.70	10.0	52.0	15.3	N	GND
0.300000	33.50	10.0	50.2	16.7	N	GND
0.354000	37.60	10.0	48.8	11.1	L1	GND
0.414000	31.00	10.0	47.5	16.5	N	GND
0.474000	30.60	10.0	46.4	15.8	N	GND
0.510000	30.30	10.0	46.0	15.6	L1	GND
0.534000	29.50	10.0	46.0	16.4	N	GND
0.552000	29.50	10.0	46.0	16.4	L1	GND
0.594000	31.00	10.0	46.0	14.9	L1	GND

Conducted noise according to:

EN 55022 class B

EUT: PC-Sheffield, Scenic651 PII 500 MHz
Manufacturer: Siemens AG
Operating Condition: scr. "H" 1024*768/100Hz; HD+CD+LAN-Test
Test Site: Siemens AG Augsburg SK1
Operator: H. Zenkner
Comment: full config.; Monitor MCM1707 power supply from PC
Comment: Power supply: Minebea E425-V20
Start of Test: 21.12.98 / 15:24:03

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBµV

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

Subrange 1:

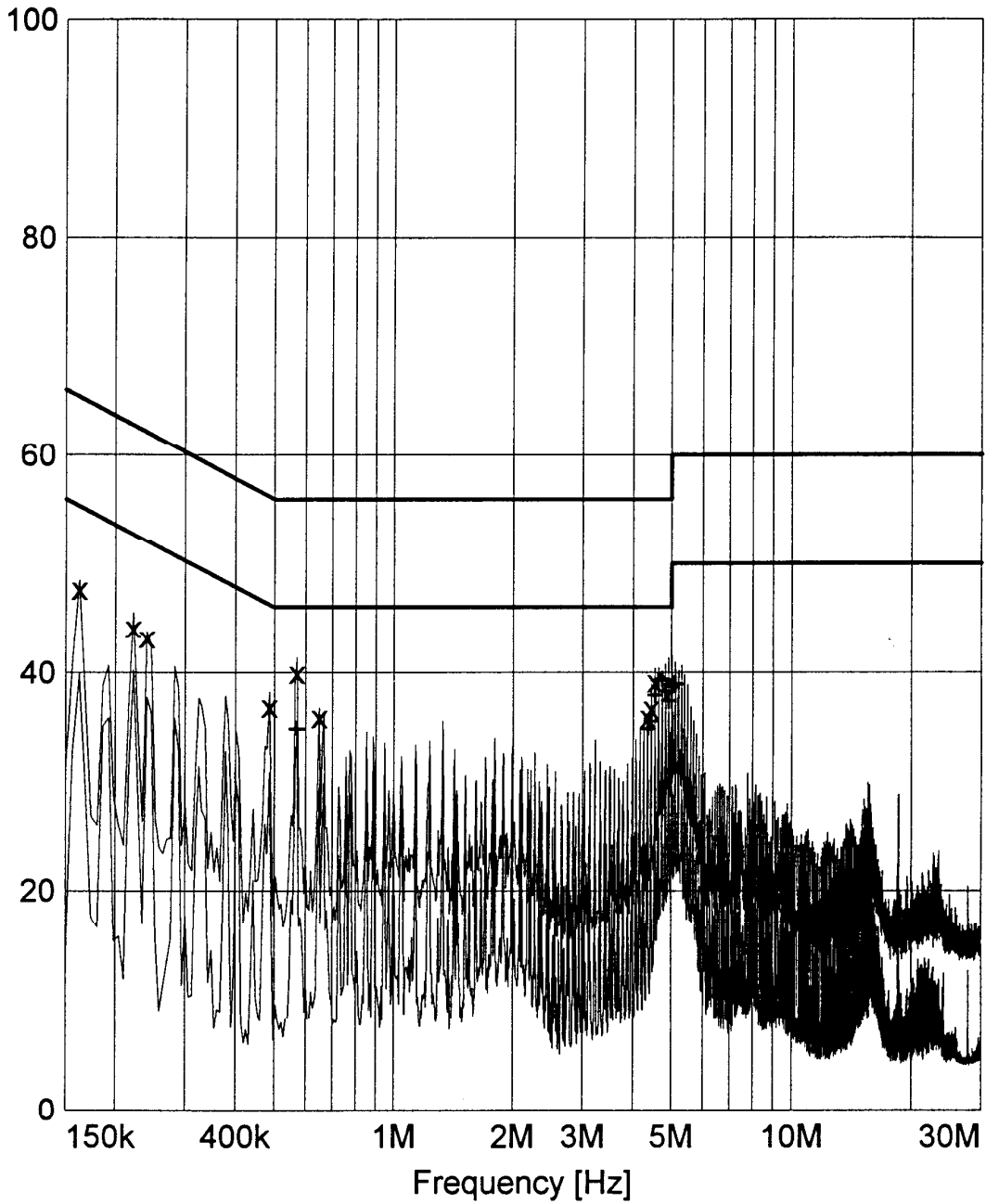
Start Frequency: 150.0 kHz Step Size: 6.0 kHz
Stop Frequency: 30.0 MHz
Measure Time: 10.0 ms
IF Bandwidth: 10 kHz

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

Curve 1: On Repetition: 0
Curve 2: On Stop Mark: Off

Level [dB μ V]



x x MES 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"

21.12.98 15:34

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.162000	47.70	10.0	65.3	17.5	N	GND
0.222000	44.10	10.0	62.7	18.6	N	GND
0.240000	43.20	10.0	62.0	18.8	L1	GND
0.486000	36.90	10.0	56.2	19.2	N	GND
0.570000	40.00	10.0	56.0	15.9	L1	GND
0.648000	36.00	10.0	56.0	19.9	L1	GND
4.362000	36.00	10.0	56.0	19.9	L1	GND
4.452000	36.80	10.0	56.0	19.1	N	GND
4.548000	39.20	10.0	56.0	16.7	L1	GND
4.926000	39.20	10.0	56.0	16.7	L1	GND

MEASUREMENT RESULT: "Average"

21.12.98 15:34

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.570000	34.90	10.0	46.0	11.0	L1	GND
4.362000	34.90	10.0	46.0	11.0	L1	GND
4.452000	35.60	10.0	46.0	10.3	L1	GND
4.548000	37.90	10.0	46.0	8.0	N	GND
4.644000	39.30	10.0	46.0	6.6	N	GND
4.740000	39.40	10.0	46.0	6.5	L1	GND
4.836000	38.30	10.0	46.0	7.6	L1	GND
4.926000	37.40	10.0	46.0	8.5	N	GND
5.022000	38.70	10.0	50.0	11.2	L1	GND
5.118000	38.90	10.0	50.0	11.0	N	GND

Conducted noise according to:

EN 55022 class B

EUT: PC-Sheffield, Scenic651 PII 500 MHz
Manufacturer: Siemens AG
Operating Condition: scr. "H" 1600*1200/70Hz; HD+CD+LAN-Test
Test Site: Siemens AG Augsburg SK1
Operator: H. Zenkner
Comment: full config.; MonitorMCM1707 power supply from PC
Comment: Power supply: Minebea E425-V20
Start of Test: 22.12.98 / 14:40:27

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBuV

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

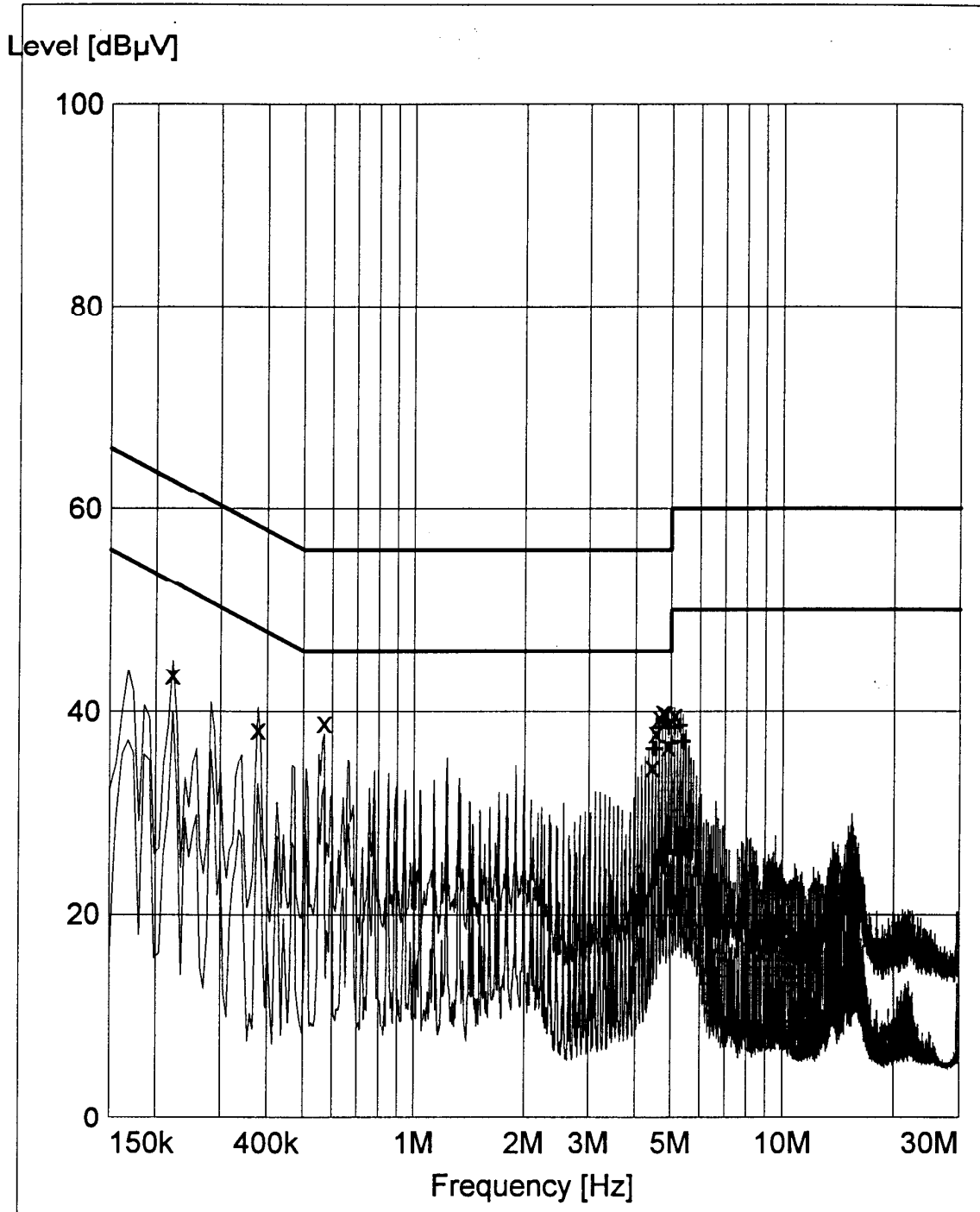
Subrange 1:

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

Curve 1: On Repetition: 0
Curve 2: On Stop Mark: Off



x x MES 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"

22.12.98 14:50

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.222000	43.60	10.0	62.7	19.1	N	GND
0.378000	38.30	10.0	58.3	19.9	L1	GND
0.570000	38.90	10.0	56.0	17.0	L1	GND
4.452000	34.50	10.0	56.0	21.4	N	GND
4.548000	37.90	10.0	56.0	18.0	N	GND
4.644000	39.50	10.0	56.0	16.4	L1	GND
4.740000	40.00	10.0	56.0	15.9	L1	GND
4.836000	39.80	10.0	56.0	16.1	N	GND
4.926000	36.70	10.0	56.0	19.2	L1	GND
5.118000	39.70	10.0	60.0	20.2	L1	GND

MEASUREMENT RESULT: "Average"

22.12.98 14:50

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
4.458000	36.40	10.0	46.0	9.5	N	GND
4.548000	36.40	10.0	46.0	9.5	L1	GND
4.644000	38.40	10.0	46.0	7.5	N	GND
4.740000	39.20	10.0	46.0	6.7	L1	GND
4.836000	39.00	10.0	46.0	6.9	N	GND
4.932000	38.40	10.0	46.0	7.6	N	GND
5.022000	36.90	10.0	50.0	13.0	N	GND
5.118000	38.40	10.0	50.0	11.5	N	GND
5.310000	38.60	10.0	50.0	11.3	L1	GND
5.406000	37.10	10.0	50.0	12.8	L1	GND

Radiated emission according to:

to EN55022 class B

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
Manufacturer: Siemens AG
Operating Condition: ScrH, 1024x768/100 Hz; HD/CD-Test
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: R. Schaufler
Configuration: full Configuration; Monitor MCM 1705
Comment: Syst. board D1107-A10, Astec E425-V30, G100AGP
Start of Test:

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

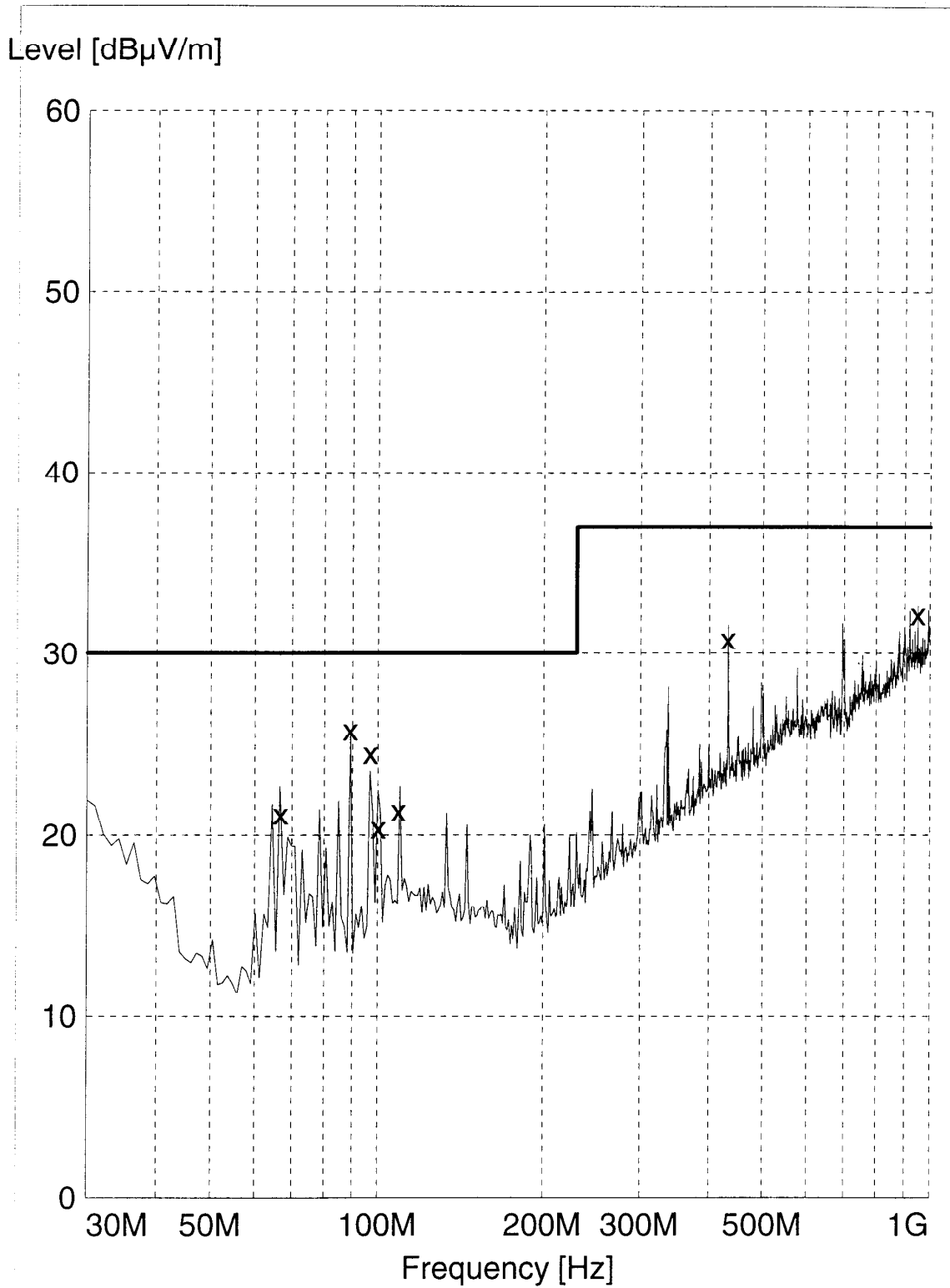
Subrange 1:

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. 9/95
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 x MES Quasi Peak
 — MES Preview Peak
 — LIM EN55022/B

MEASUREMENT RESULT: "Quasi Peak"

13.01.99 16:29

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Height cm	Azimuth deg	Polarisation
66.720000	21.20	7.0	30.0	8.7	400.0	300.00	VERTICAL
89.130000	25.80	10.0	30.0	4.1	200.0	300.00	VERTICAL
96.900000	24.50	11.5	30.0	5.4	200.0	119.00	VERTICAL
100.260000	20.40	12.0	30.0	9.5	200.0	119.00	VERTICAL
108.990000	21.40	12.5	30.0	8.5	200.0	119.00	VERTICAL
432.090000	30.80	18.7	37.0	6.1	300.0	239.00	HORIZONTAL
950.730000	32.20	24.1	37.0	4.7	200.0	180.00	VERTICAL

Radiated emission according to:

to EN55022 class B

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
Manufacturer: Siemens AG
Operating Condition: ScrH, 1600x1200/70 Hz; HD/CD-Test
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: R. Schaufler
Configuration: full Configuration; Monitor MCM 2110NTD
Comment: Syst. board D1107-A10, Astec E425-V30, G100AGP
Start of Test: 14.01.99 / 16:08:11

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

Subrange 1:

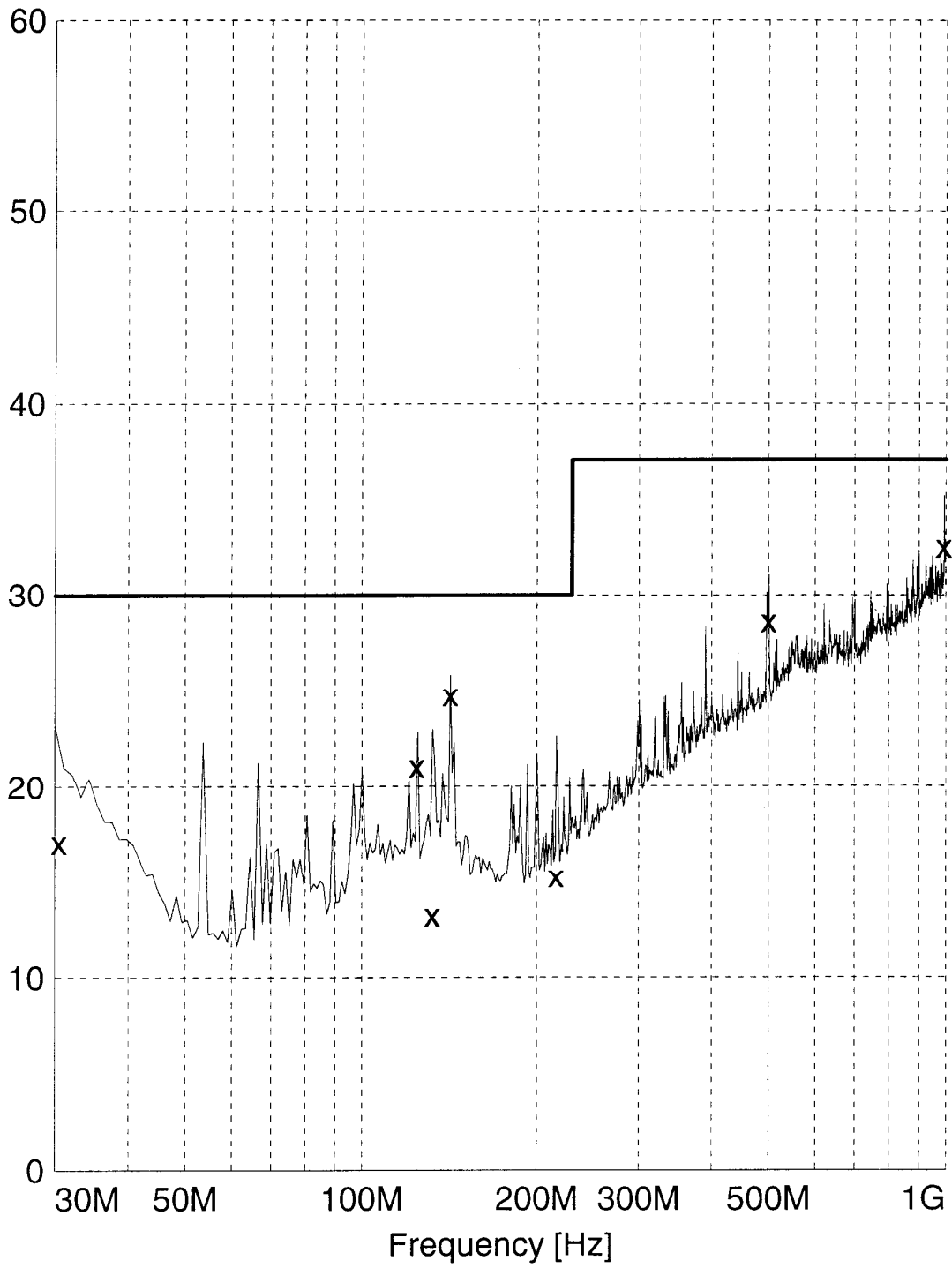
Start Frequency: 30.0 MHz Step Size: 30.0 kHz
Stop Frequency: 1.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 120 kHz

Receiver: ESXI Transducer: CBL6112 cal. 9/95
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:

Level [dB μ V/m]



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

MEASUREMENT RESULT: "Quasi Peak"

14.01.99 17:03

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Height cm	Azimuth deg	Polarisation
30.480000	17.10	18.1	30.0	12.8	100.0	239.00	VERTICAL
124.200000	21.10	12.9	30.0	8.8	400.0	90.00	HORIZONTAL
132.120000	13.30	12.7	30.0	16.6	220.0	90.00	VERTICAL
141.960000	24.80	12.4	30.0	5.1	220.0	210.00	VERTICAL
216.120000	15.30	11.8	30.0	14.6	400.0	180.00	HORIZONTAL
500.520000	28.60	19.7	37.0	8.3	160.0	59.00	HORIZONTAL
992.520000	32.50	24.7	37.0	4.4	100.0	300.00	HORIZONTAL

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

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
 Manufacturer: Siemens AG
 Operating Condition: ScrH, 1024 x 768/100 Hz; HD/CD-Test
 Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
 Operator: R. Schaufler
 Configuration: full Configuration; Monitor MCM 1/05
 Comment: Syst. board D1107-A10, Astec E425-V30, G100AGP
 Start of Test: 08.02.99 / 09:41:46

SCAN TABLE: "FCC1-5GHz"

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

Detector: Mode:

Curve 1: MaxPeak MaxHold
 Curve 2: Average MaxHold

Subrange 1:

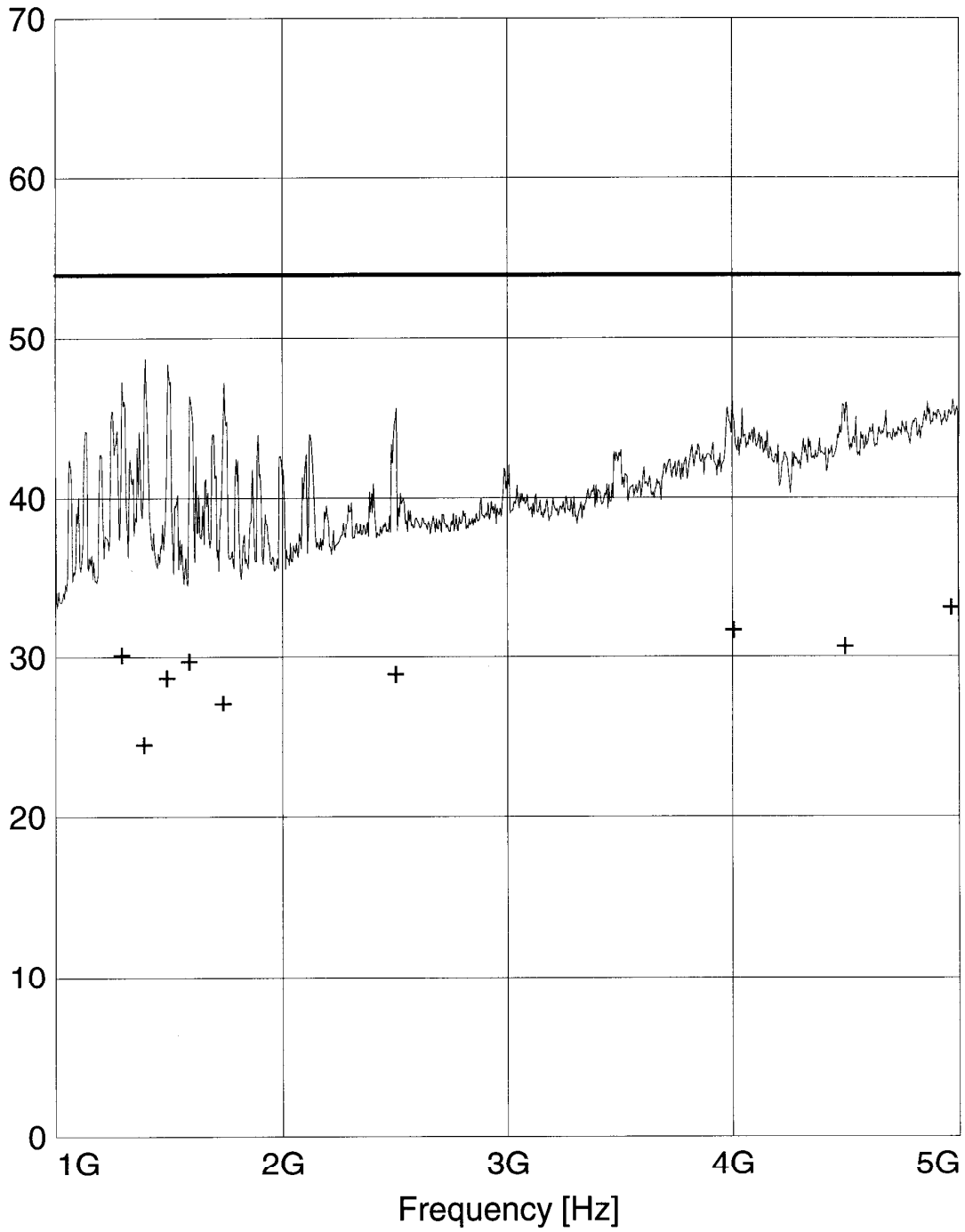
Start Frequency: 1.0 GHz Step Size: 300.0 kHz
 Stop Frequency: 5.0 GHz
 Measure Time: 10.0 ms
 IF Bandwidth: 1 MHz

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:

Level [dB μ V/m]



+ + MES Averagel
— MES Preview FCC
— LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m
— LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

MEASUREMENT RESULT: "Average1"

08.02.99 10:31

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1290.400000	30.30	9.0	53.9	23.5	100.0	29.00	VERTICAL
1389.400000	24.70	9.0	53.9	29.1	140.0	0.00	HORIZONTAL
1489.900000	28.90	9.1	53.9	24.9	100.0	300.00	VERTICAL
1588.000000	29.90	10.0	53.9	23.9	100.0	29.00	VERTICAL
1736.800000	27.30	11.3	53.9	26.5	140.0	0.00	HORIZONTAL
2503.000000	29.10	13.9	53.9	24.7	100.0	0.00	VERTICAL
4005.100000	31.80	18.6	53.9	22.0	180.0	0.00	VERTICAL
4499.200000	30.80	16.6	53.9	23.0	140.0	29.00	HORIZONTAL
4966.900000	33.30	19.6	53.9	20.5	100.0	330.00	HORIZONTAL

Radiated emission according to:

to EN55022 class B

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
Manufacturer: Siemens AG
Operating Condition: ScrH, 1024 x 768/100Hz; HD/CD-Test
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: A. Siebenhütter
Configuration: full Configuration; Monitor MCM 1705NFD
Comment: Syst.board D1107-A10, Minebea E425-V20, G100AGP
Start of Test: 18.01.99 / 19:29:15

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

Subrange 1:

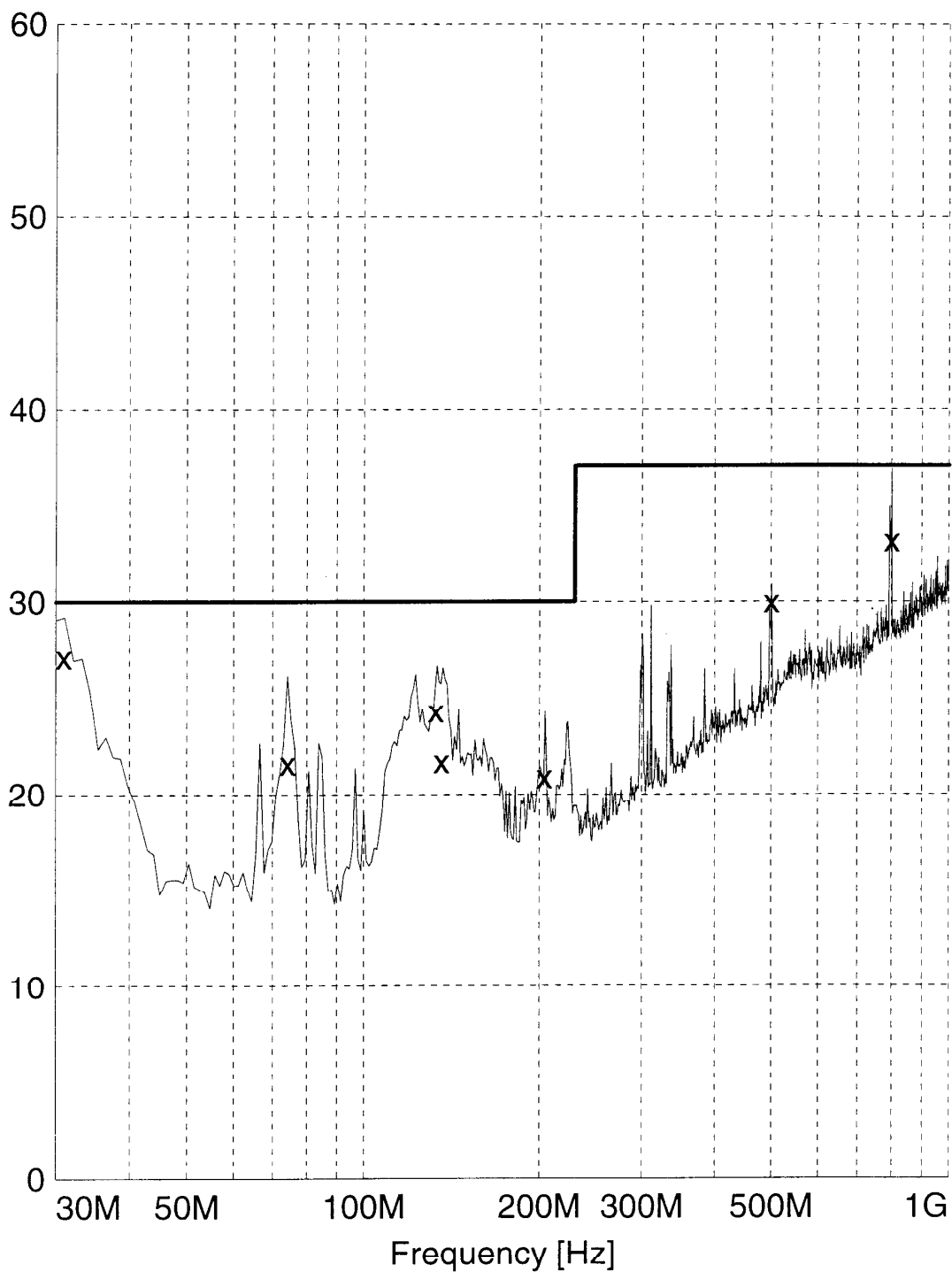
Start Frequency: 30.0 MHz Step Size: 30.0 kHz
Stop Frequency: 1.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 120 kHz

Receiver: ESXI Transducer: CBL6112 cal. 9/95
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 ALL.: --
Autorange: On

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

Level [dB μ V/m]



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

MEASUREMENT RESULT: "Quasi Peak"

18.01.99 20:19

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Height cm	Azimuth deg	Polarisation
30.960000	27.10	17.8	30.0	2.8	100.0	150.00	VERTICAL
74.250000	21.60	7.8	30.0	8.3	220.0	59.00	VERTICAL
132.900000	24.30	12.6	30.0	5.6	100.0	180.00	VERTICAL
135.810000	21.70	12.5	30.0	8.2	100.0	150.00	VERTICAL
204.180000	20.90	11.1	30.0	9.0	100.0	180.00	VERTICAL
500.520000	30.00	19.7	37.0	6.9	220.0	29.00	HORIZONTAL
801.030000	33.10	22.8	37.0	3.8	220.0	210.00	VERTICAL

Radiated emission according to:

to EN55022 class B

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
Manufacturer: Siemens AG
Operating Condition: ScrH, 1600 x 1200/70 Hz; HD/CD-Test
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: A. Siebenhütter
Configuration: fully Configuration; Monitor MCM 2110NTD
Comment: Syst. board D1107-A10, Minebea E425-V20 G100AGP
Start of Test: 19.01.99 / 20:06:27

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

Subrange 1:

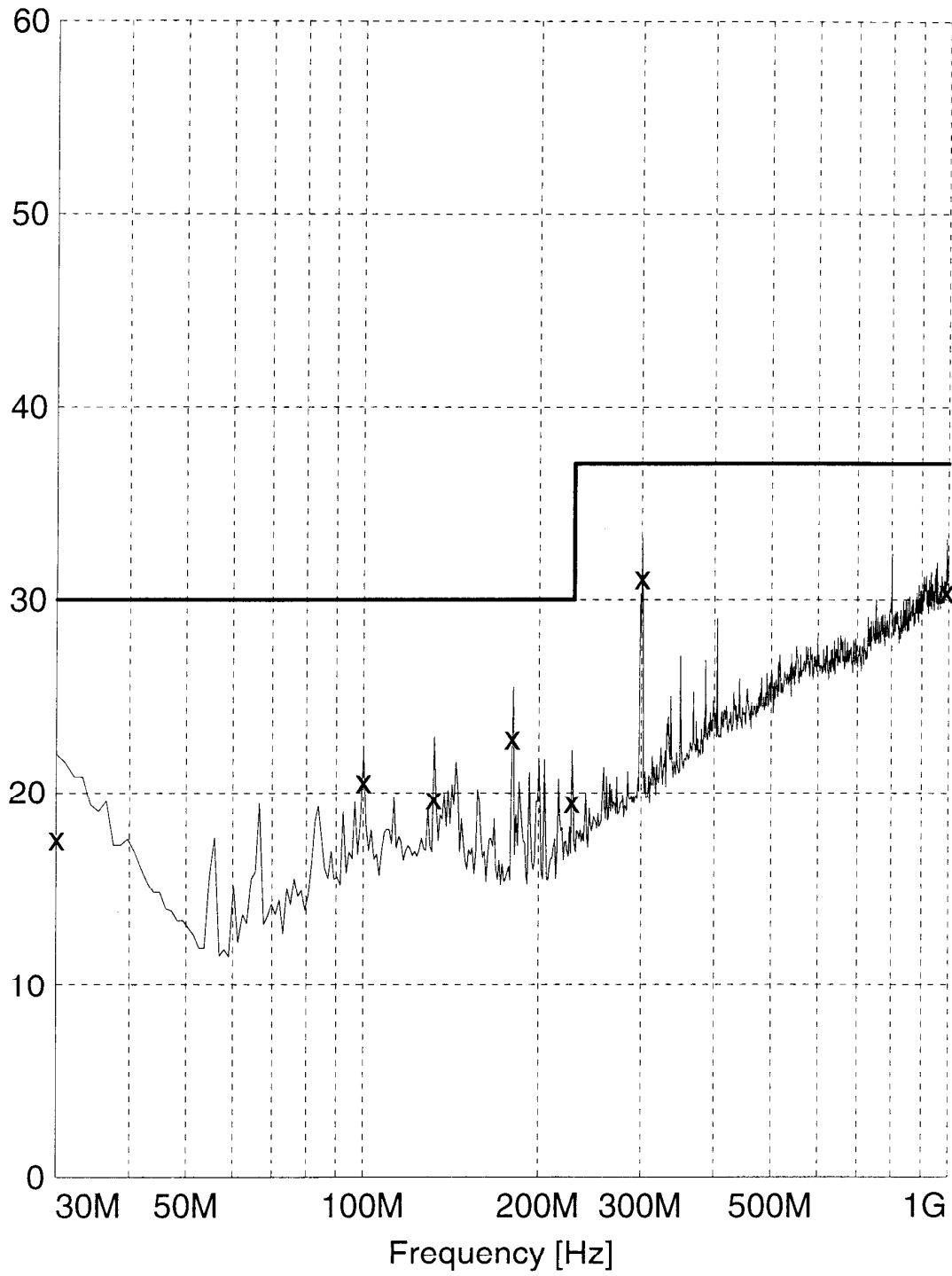
Start Frequency: 30.0 MHz Step Size: 30.0 kHz
Stop Frequency: 1.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 120 kHz

Receiver: ESXI Transducer: CBL6112 cal. 9/95
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:

Level [dB μ V/m]



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

MEASUREMENT RESULT: "Quasi Peak"

20.01.99 07:14

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
30.030000	17.60	18.3	30.0	12.3	220.0	119.00	VERTICAL
100.080000	20.60	12.0	30.0	9.3	100.0	90.00	VERTICAL
132.030000	19.70	12.7	30.0	10.3	220.0	180.00	VERTICAL
179.970000	22.80	10.8	30.0	7.2	160.0	150.00	VERTICAL
228.150000	19.50	12.6	30.0	11.5	160.0	239.00	VERTICAL
300.300000	31.10	15.4	37.0	5.8	100.0	150.00	VERTICAL
992.610000	30.40	24.7	37.0	6.5	280.0	330.00	HORIZONTAL

Radiated emission according to:

to FCC class B

EUT: Personal Computer: Scenic 651/500MHz (Sheffield)
Manufacturer: Siemens AG
Operating Condition: ScrH, 1024 x 768/100 Hz; HD/CD-Test
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: R. Schaufler
Configuration: full Configuration; Monitor MCM 1705
Comment: Syst. board D1107-A10, MinebeaE425-V20, G100AGP
Start of Test: 08.02.99 / 10:44:55

SCAN TABLE: "FCC1-5GHz"

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

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

Subrange 1:

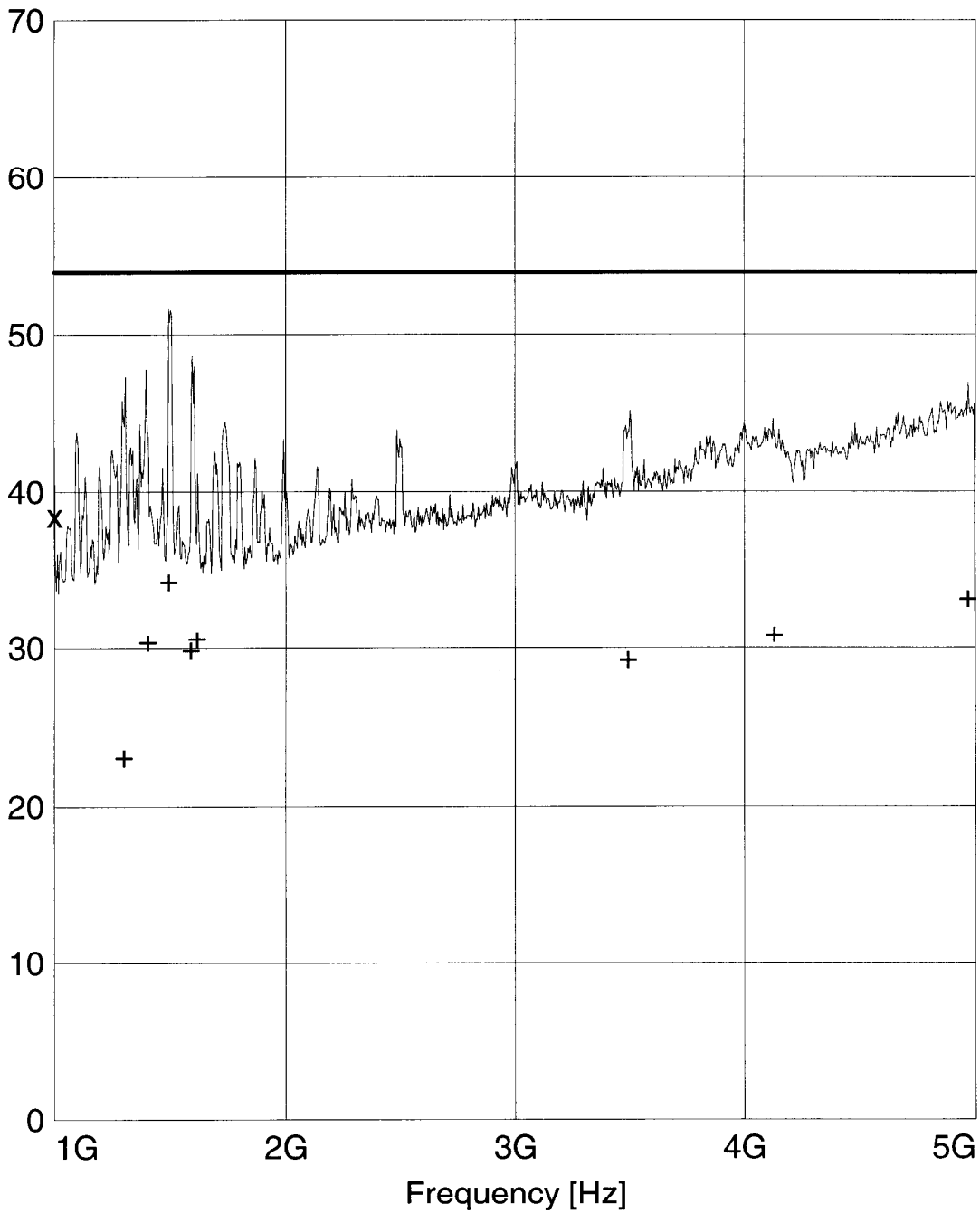
Start Frequency: 1.0 GHz Step Size: 300.0 kHz
Stop Frequency: 5.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 1 MHz

Receiver: ESXI Transducer: 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:

Level [dB μ V/m]



x x MES PDP9E028_fin QP
+ + MES Averagel
— MES Preview FCC
— LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m
— LIM FCC ClassB F QP/AV FCC ClassB, field strength 3m

MEASUREMENT RESULT: "PDP9E028_fin QP"

08.02.99 11:34

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1000.000000	38.50	7.8	53.9	15.3	100.0	29.00	VERTICAL

MEASUREMENT RESULT: "Averagel"

08.02.99 11:34

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1300.600000	23.20	8.9	53.9	30.6	180.0	0.00	HORIZONTAL
1401.700000	30.50	9.1	53.9	23.3	100.0	330.00	VERTICAL
1491.100000	34.40	9.1	53.9	19.4	180.0	330.00	VERTICAL
1588.000000	30.00	10.0	53.9	23.8	100.0	300.00	VERTICAL
1614.400000	30.70	10.0	53.9	23.1	100.0	300.00	VERTICAL
3492.700000	29.40	15.2	53.9	24.4	180.0	119.00	HORIZONTAL
4128.400000	31.00	17.5	53.9	22.8	300.0	59.00	VERTICAL
4967.200000	33.30	19.6	53.9	20.5	180.0	90.00	VERTICAL