

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

EUT: Audio board TT Solo 1-NL
Manufacturer: TerraTec Electronic GmbH
Operating Condition: Scroll "H" 1024x768x100Hz, HD+CD-Test
Test Site: Siemens AG Augsburg SK1
Operator: A. Siebenhütter
Configuration: Full config. - with Scenic Pro M7
Comment: Monitor via PC Outlet
Start of Test: 08.10.99 / 10:50:48

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBµV

Detector: Mode:

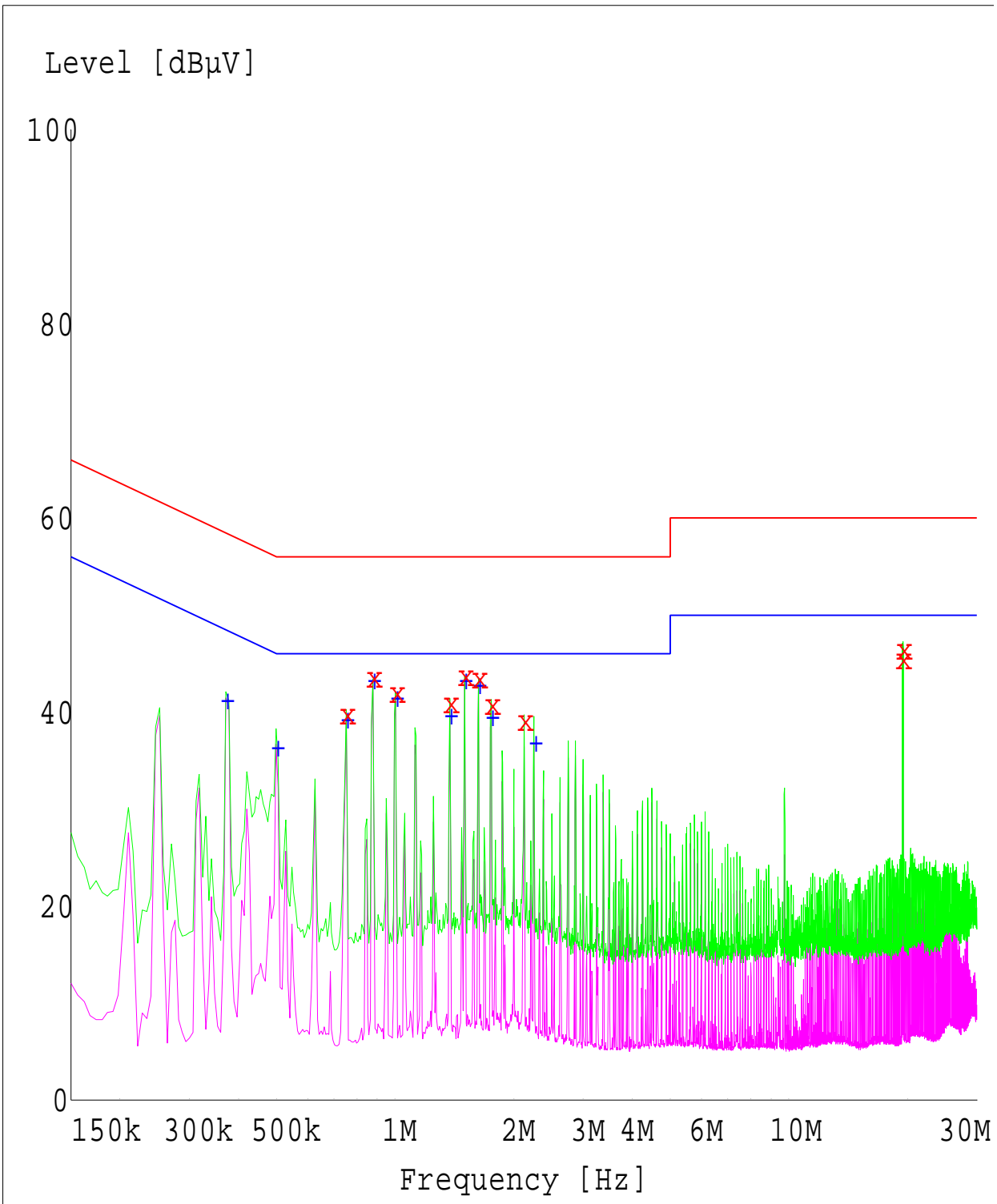
Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

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"

08.10.99 11:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.750000	39.90	10.0	56	16.1	N	GND
0.876000	43.70	10.0	56	12.3	N	GND
1.002000	42.10	10.0	56	14.0	N	GND
1.374000	41.00	10.0	56	15.0	N	GND
1.500000	43.80	10.0	56	12.2	N	GND
1.626000	43.60	10.0	56	12.5	N	GND
1.752000	40.90	10.0	56	15.1	N	GND
2.124000	39.20	10.0	56	16.8	N	GND
19.446000	45.50	10.0	60	14.5	N	GND
19.464000	46.50	10.0	60	13.5	L1	GND

MEASUREMENT RESULT: "Average"

08.10.99 11:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.372000	41.30	10.0	49	7.2	L1	GND
0.498000	36.40	10.0	46	9.6	L1	GND
0.750000	39.30	10.0	46	6.8	N	GND
0.876000	43.30	10.0	46	2.7	N	GND
1.002000	41.50	10.0	46	4.5	N	GND
1.374000	39.70	10.0	46	6.3	N	GND
1.500000	43.30	10.0	46	2.7	N	GND
1.626000	42.80	10.0	46	3.2	N	GND
1.752000	39.60	10.0	46	6.4	N	GND
2.250000	36.90	10.0	46	9.1	N	GND

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

EUT: Audio board TT Solo 1-NL
Manufacturer: TerraTec Electronic GmbH
Operating Condition: Scroll "H" 1024x768/100Hz; HD/CD-audio play
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: A. Siebenhütter
Configuration: full conf. Scenic ProM7
Comment:
Start of Test: 07.10.99 / 15:32:32

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

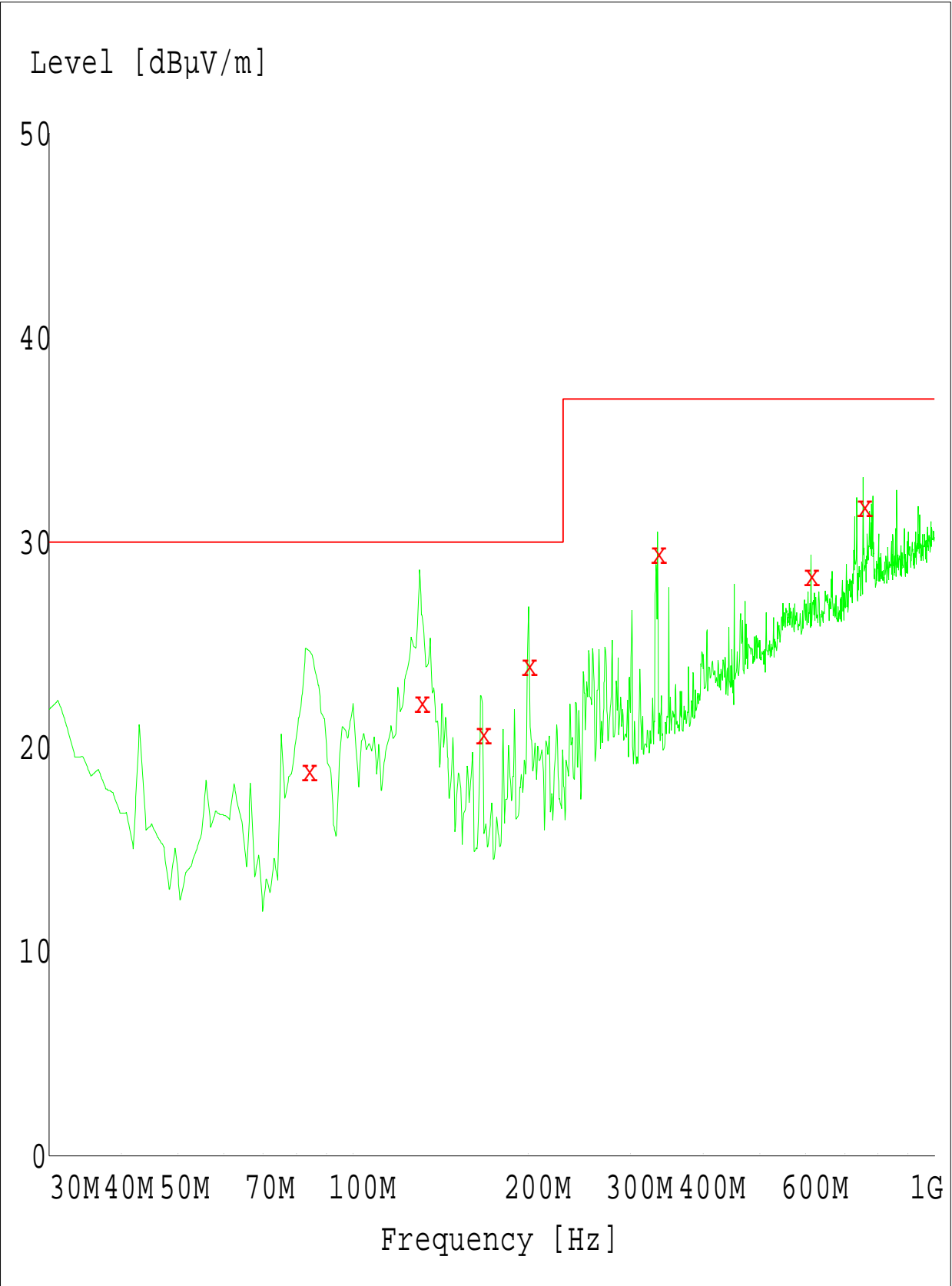
Subrange 1:

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: ESMI 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"

07.10.99 16:30

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
83.730000	18.90	8.2	30.0	11.1	400.0	29.00	VERTICAL
130.740000	22.20	12.2	30.0	7.8	100.0	210.00	VERTICAL
166.740000	20.70	10.7	30.0	9.3	100.0	150.00	VERTICAL
200.070000	24.00	10.5	30.0	6.0	100.0	210.00	VERTICAL
333.510000	29.50	15.5	37.0	7.5	100.0	270.00	VERTICAL
612.180000	28.40	21.4	37.0	8.6	340.0	180.00	VERTICAL
753.450000	31.80	22.6	37.0	5.2	160.0	0.00	VERTICAL

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

EUT: Audio board TT Solo 1-NL
Manufacturer: TerraTec Electronic GmbH
Operating Condition: Scroll "H" 1024x768/100Hz; HD/CD-audio play
Test Site: Siemens-Augsburg (Semi-anechoic chamber 10m)
Operator: A. Siebenhütter
Configuration: full conf. Scenic ProM7
Comment:
Start of Test: 07.10.99 / 16:43:42

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

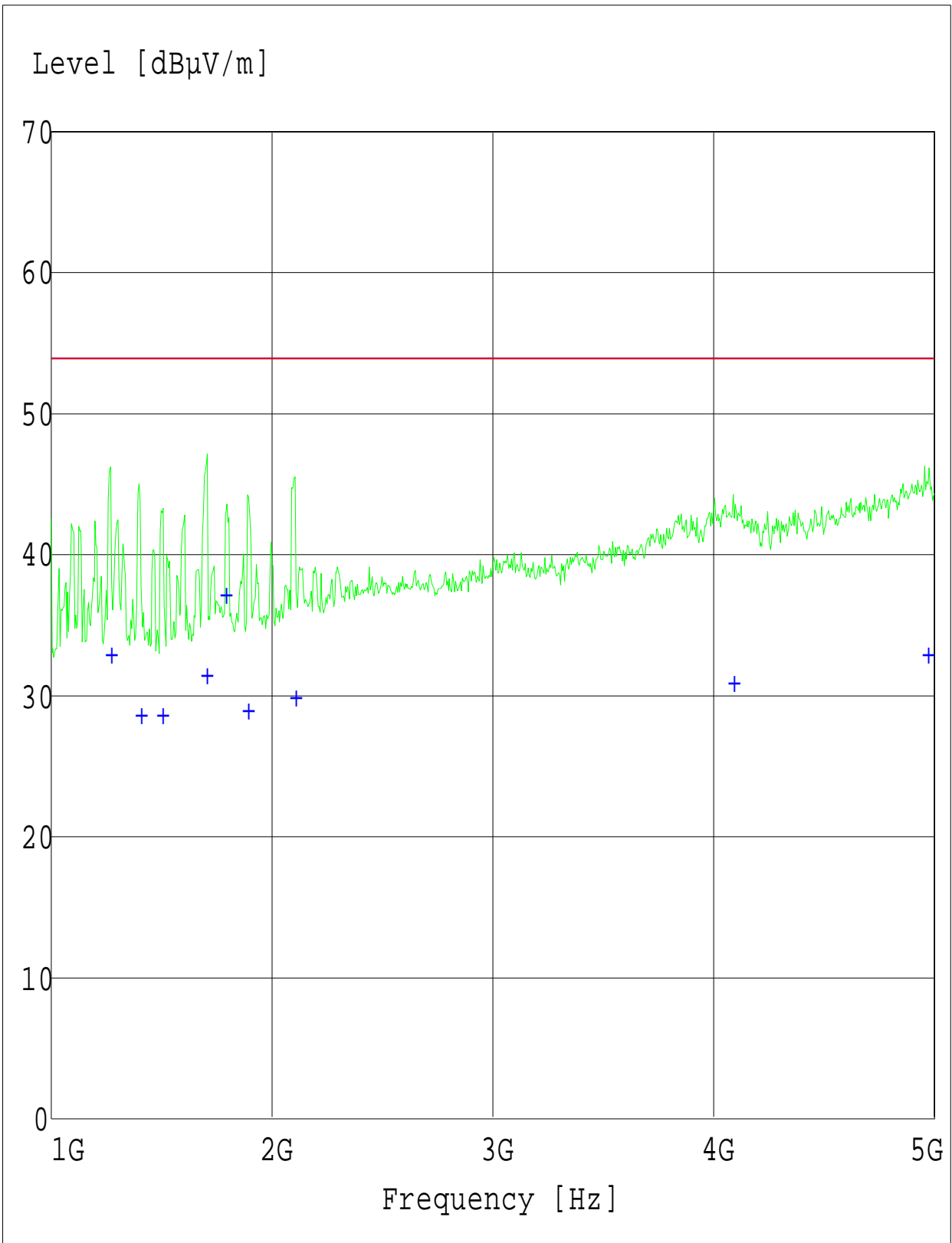
Subrange 1:

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: ESMI 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:



+	+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: "Average"

07.10.99 17:29

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1267.000000	33.00	8.9	53.9	20.9	100.0	29.00	VERTICAL
1400.500000	28.70	9.1	53.9	25.2	180.0	90.00	HORIZONTAL
1500.700000	28.70	9.3	53.9	25.2	140.0	180.00	HORIZONTAL
1700.800000	31.50	10.9	53.9	22.4	140.0	29.00	VERTICAL
1786.000000	37.20	11.0	53.9	16.7	140.0	29.00	VERTICAL
1886.800000	29.00	10.9	53.9	24.9	100.0	210.00	VERTICAL
2101.000000	29.90	12.4	53.9	24.0	100.0	29.00	HORIZONTAL
4084.600000	31.00	18.1	53.9	22.9	100.0	330.00	VERTICAL
4965.400000	33.00	19.6	53.9	20.9	180.0	239.00	HORIZONTAL