

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

EUT: KBPC RS K292 Keyboard
Manufacturer: Fujitsu Siemens Computers
Operating Condition: Scroll "H" 1024x768x100 Hz - HD+CD+LAN-Test
Test Site: Siemens PC Systeme Augsburg SK2
Operator: R. Schaufler
Configuration: Full configuration with Scenic M7 / 350 MHz
Comment: Monitor MCM 17P1 - Monitor power from PC
Start of Test: 09.11.99 / 09:20:17

SCAN TABLE: "Volt_015-30fin"

Unit: dBµV

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

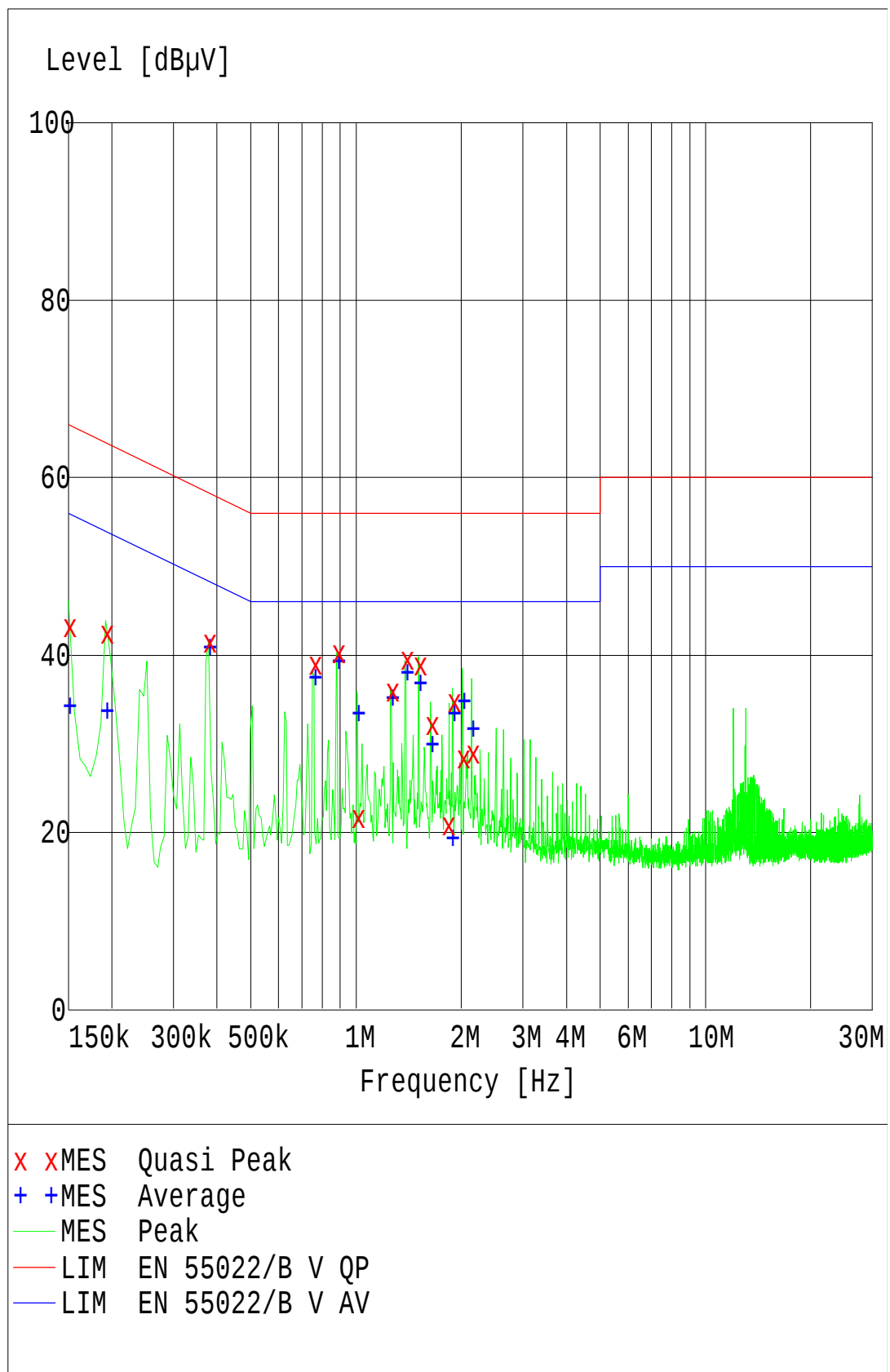
Subrange 1:

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"

09.11.99 10:04

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150000	43.20	10.0	66.0	22.7	N	GND
0.192000	42.40	10.0	63.9	21.5	N	GND
0.378000	41.50	10.0	58.3	16.8	L1	GND
0.756000	39.00	10.0	56.0	17.0	N	GND
0.882000	40.20	10.0	56.0	15.7	N	GND
1.002000	21.70	10.0	56.0	34.3	L1	GND
1.260000	35.90	10.0	56.0	20.1	L1	GND
1.386000	39.50	10.0	56.0	16.5	N	GND
1.512000	38.80	10.0	56.0	17.2	N	GND
1.638000	32.10	10.0	56.0	23.9	N	GND
1.824000	20.90	10.0	56.0	35.1	N	GND
1.890000	34.70	10.0	56.0	21.2	L1	GND
2.010000	28.40	10.0	56.0	27.6	L1	GND
2.136000	28.90	10.0	56.0	27.1	L1	GND

MEASUREMENT RESULT: "Average"

09.11.99 10:04

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.150000	34.20	10.0	56.0	21.7	L1	GND
0.192000	33.60	10.0	53.9	20.3	L1	GND
0.378000	40.80	10.0	48.3	7.5	N	GND
0.756000	37.40	10.0	46.0	8.6	N	GND
0.882000	39.20	10.0	46.0	6.7	N	GND
1.008000	33.40	10.0	46.0	12.6	N	GND
1.260000	35.00	10.0	46.0	11.0	N	GND
1.386000	38.00	10.0	46.0	8.0	N	GND
1.512000	36.80	10.0	46.0	9.2	N	GND
1.638000	29.80	10.0	46.0	16.2	N	GND
1.872000	19.30	10.0	46.0	26.7	L1	GND
1.890000	33.40	10.0	46.0	12.6	N	GND
2.016000	34.70	10.0	46.0	11.2	N	GND
2.142000	31.60	10.0	46.0	14.4	N	GND

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

EUT: KBPC RS K292 Keyboard
Manufacturer: Fujitsu Siemens Computers
Operating Condition: Scroll "H" 1024x768x100 Hz - HD+CD+LAN-Test
Test Site: Siemens PC Systeme Augsburg SK2
Operator: R. Schaufler
Configuration: Full configuration with Scenic M7 / 350 MHz
Comment: Monitor MCM 17P1 - Monitor power from peripheral device
LISN
Start of Test: 09.11.99 / 10:17:33

SCAN TABLE: "Volt_015-30fin"

Unit: dBµV

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

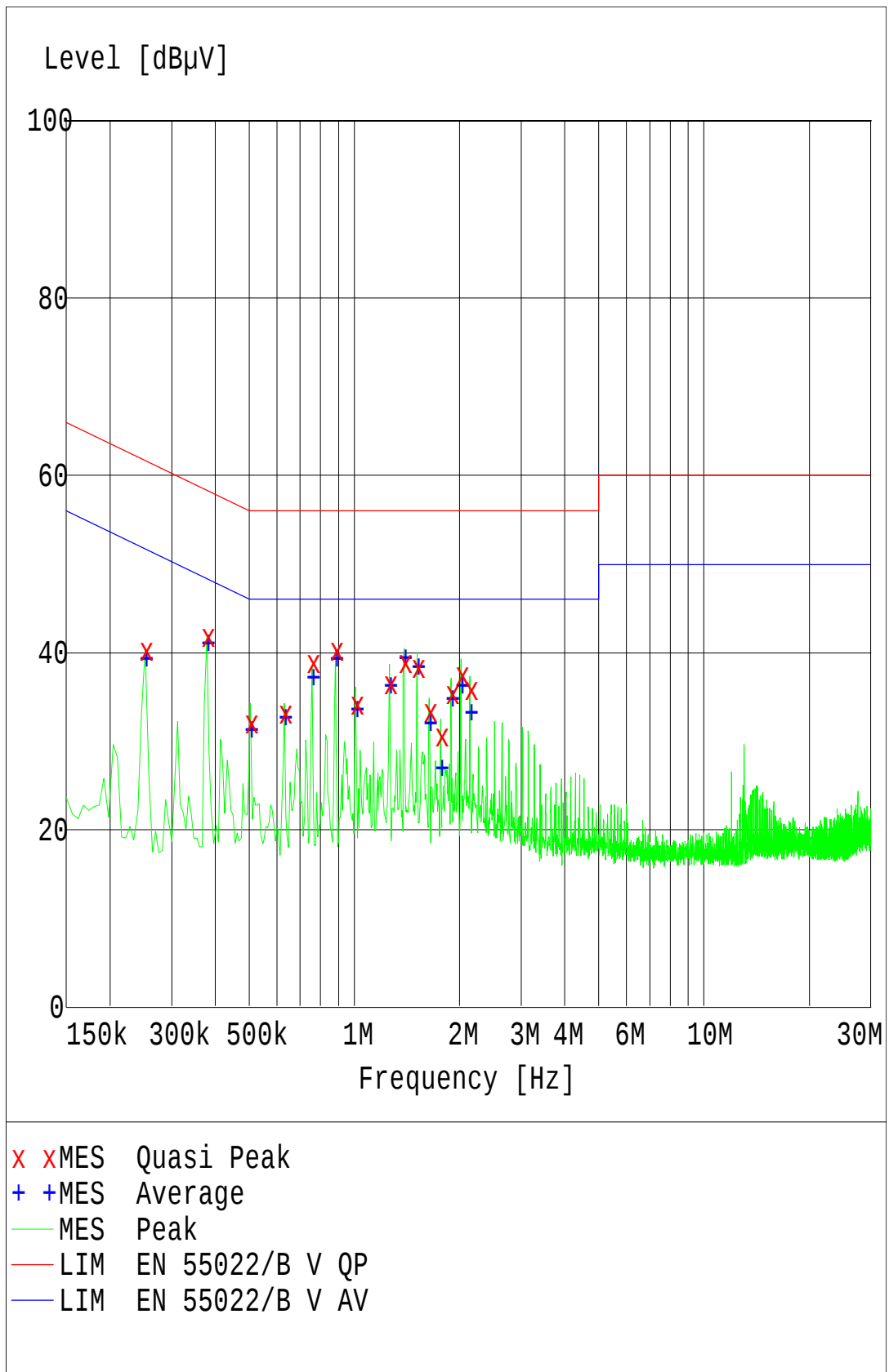
Subrange 1:

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"

09.11.99 10:42

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.252000	40.30	10.0	61.6	21.3	N	GND
0.378000	41.80	10.0	58.3	16.5	N	GND
0.504000	32.10	10.0	56.0	23.9	L1	GND
0.630000	33.20	10.0	56.0	22.7	L1	GND
0.756000	38.90	10.0	56.0	17.1	N	GND
0.882000	40.20	10.0	56.0	15.7	L1	GND
1.008000	34.20	10.0	56.0	21.7	N	GND
1.260000	36.50	10.0	56.0	19.5	N	GND
1.386000	38.90	10.0	56.0	17.1	N	GND
1.512000	38.40	10.0	56.0	17.6	N	GND
1.638000	33.40	10.0	56.0	22.6	N	GND
1.764000	30.60	10.0	56.0	25.4	N	GND
1.890000	35.40	10.0	56.0	20.6	N	GND
2.016000	37.50	10.0	56.0	18.5	N	GND
2.142000	35.90	10.0	56.0	20.1	N	GND

MEASUREMENT RESULT: "Average"

09.11.99 10:42

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.252000	39.20	10.0	51.6	12.4	L1	GND
0.378000	41.00	10.0	48.3	7.3	N	GND
0.504000	31.30	10.0	46.0	14.7	L1	GND
0.630000	32.60	10.0	46.0	13.4	N	GND
0.756000	37.10	10.0	46.0	8.8	N	GND
0.882000	39.20	10.0	46.0	6.7	L1	GND
1.008000	33.60	10.0	46.0	12.3	L1	GND
1.260000	36.20	10.0	46.0	9.7	N	GND
1.386000	39.30	10.0	46.0	6.7	N	GND
1.512000	38.30	10.0	46.0	7.7	L1	GND
1.638000	32.00	10.0	46.0	14.0	L1	GND
1.764000	26.90	10.0	46.0	19.1	N	GND
1.890000	34.80	10.0	46.0	11.2	N	GND
2.016000	36.20	10.0	46.0	9.7	L1	GND
2.142000	33.20	10.0	46.0	12.7	N	GND

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

EUT: KBPC RS K292 Keyboard
Manufacturer: Fujitsu Siemens Computers
Operating Condition: scr H 1024x768/100 Hz HD; Keyboard continuous input
Test Site: Siemens PC Systeme Augsburg (10 m Semi Anechoic Chamber)
Operator: R. Schaufler
Configuration: full configuration
Comment:
Start of Test: 09.11.99 / 07:40:30

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

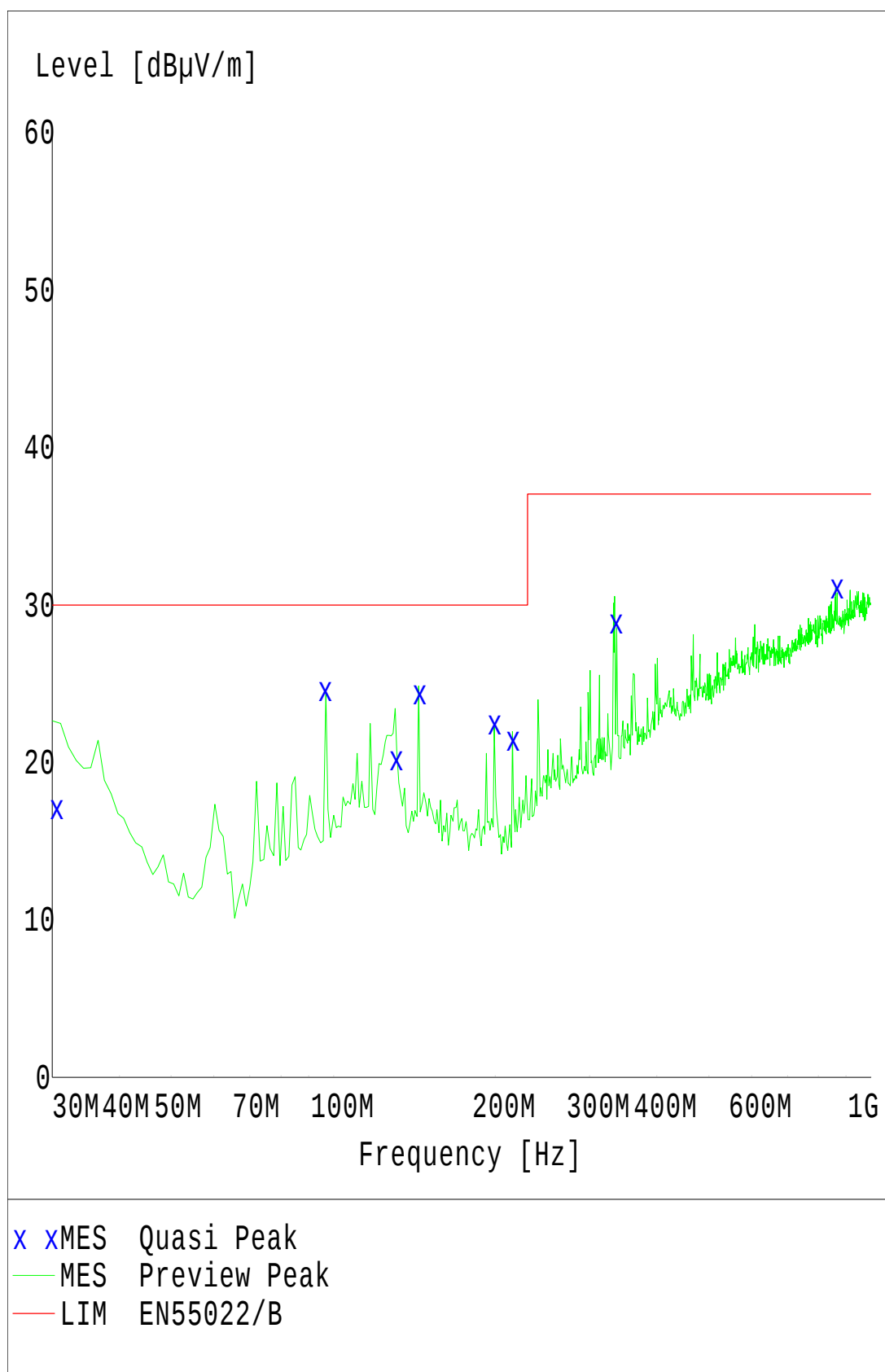
Subrange 1:

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"

09.11.99 08:29

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
30.420000	17.10	18.1	30.0	12.9	400.0	239.00	VERTICAL
96.000000	24.60	10.6	30.0	5.4	100.0	59.00	VERTICAL
129.930000	20.20	12.3	30.0	9.8	220.0	180.00	VERTICAL
144.000000	24.40	11.5	30.0	5.6	100.0	180.00	VERTICAL
198.450000	22.50	10.5	30.0	7.5	100.0	119.00	VERTICAL
214.410000	21.50	9.3	30.0	8.5	340.0	90.00	HORIZONTAL
333.480000	28.90	15.5	37.0	8.1	280.0	0.00	HORIZONTAL
859.920000	31.10	23.4	37.0	5.9	160.0	59.00	VERTICAL