

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

EUT: Keyboard KBPC-S 2 (K297)
Manufacturer: Siemens AG
Operating Condition: Scroll "H" 1024x768 bei 100Hz - HD+CD-Test
Test Site: Siemens AG Augsburg SK1
Operator: R. Schaufler
Configuration: Full configuration - Scenic Pro M7
Comment: MCM 1707
Start of Test: 26.10.99 / 10:09:19

SCAN TABLE: "Volt_015-30MHZ"

Unit: dBµV

Detector: Mode:

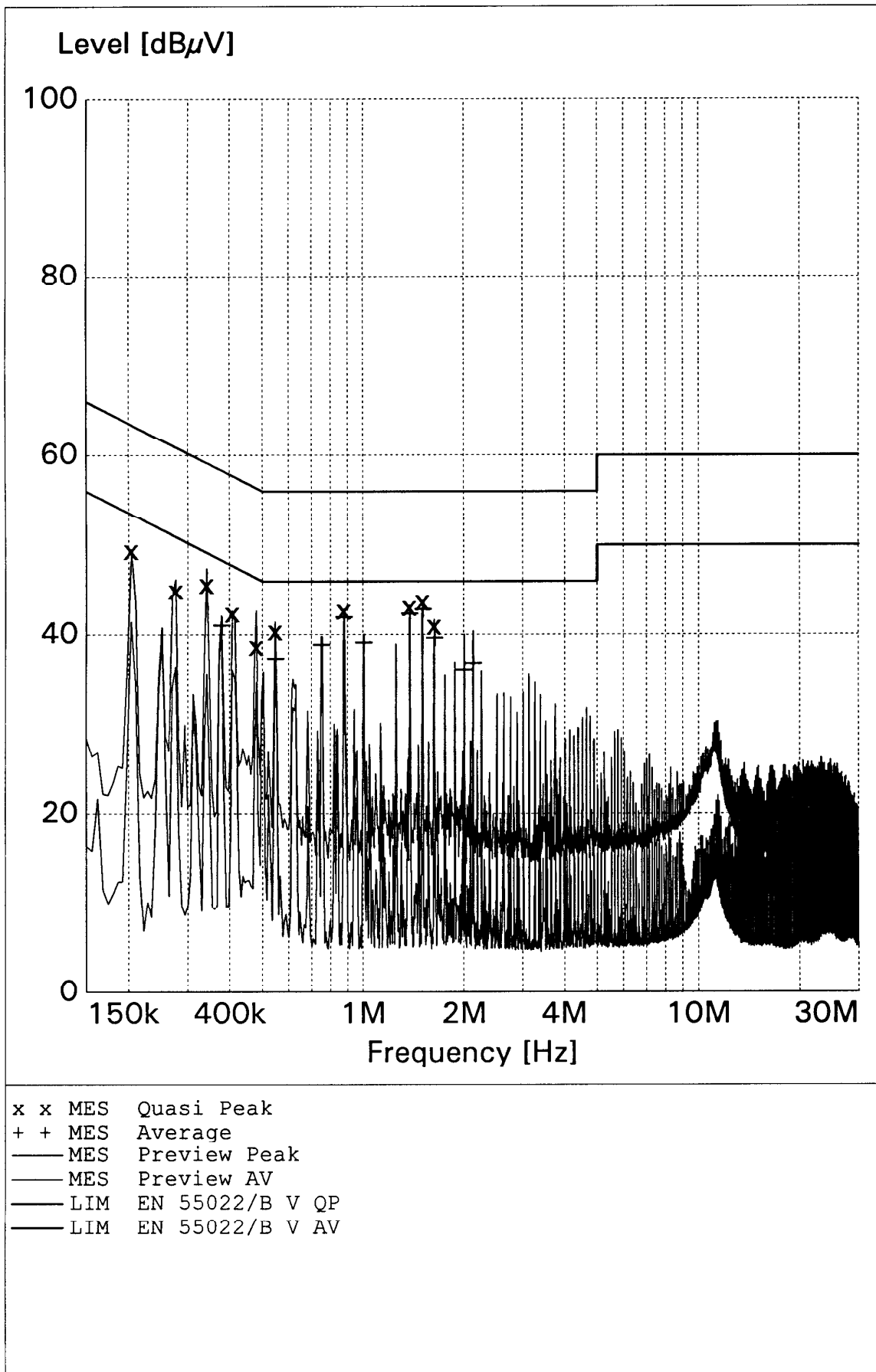
Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

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"

26.10.99 10:24

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.204000	49.30	10.0	63	14.2	N	GND
0.276000	44.80	10.0	61	16.2	L1	GND
0.342000	45.50	10.0	59	13.7	L1	GND
0.408000	42.20	10.0	58	15.5	N	GND
0.480000	38.50	10.0	56	17.8	L1	GND
0.546000	40.20	10.0	56	15.8	N	GND
0.876000	42.50	10.0	56	13.5	N	GND
1.380000	42.90	10.0	56	13.1	N	GND
1.506000	43.50	10.0	56	12.5	N	GND
1.632000	40.80	10.0	56	15.3	N	GND

MEASUREMENT RESULT: "Average"

26.10.99 10:24

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.378000	40.90	10.0	48	7.5	N	GND
0.546000	37.20	10.0	46	8.8	N	GND
0.750000	38.80	10.0	46	7.3	N	GND
0.876000	41.80	10.0	46	4.2	N	GND
1.002000	39.00	10.0	46	7.0	N	GND
1.380000	42.20	10.0	46	3.8	N	GND
1.506000	42.70	10.0	46	3.3	N	GND
1.632000	39.50	10.0	46	6.5	N	GND
2.004000	36.00	10.0	46	10.0	N	GND
2.130000	36.70	10.0	46	9.3	N	GND

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

EUT: keyboard KBPC S 2 (K297)
Manufacturer: Siemens AG
Operating Condition: scr. "II" 1024*768/85 Hz, HD+CD-Test
Test Site: SNI-Augsburg (Semi-anechoic chamber 10m)
Operator: H. Zenkner
Configuration: fully conf., Scenic PRO M7
Comment:
Start of Test: 12.10.99 / 16:35:51

SCAN TABLE: "10m/30-1000"

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

Detector: Mode:

Curve 1: MaxPeak ClearWrite

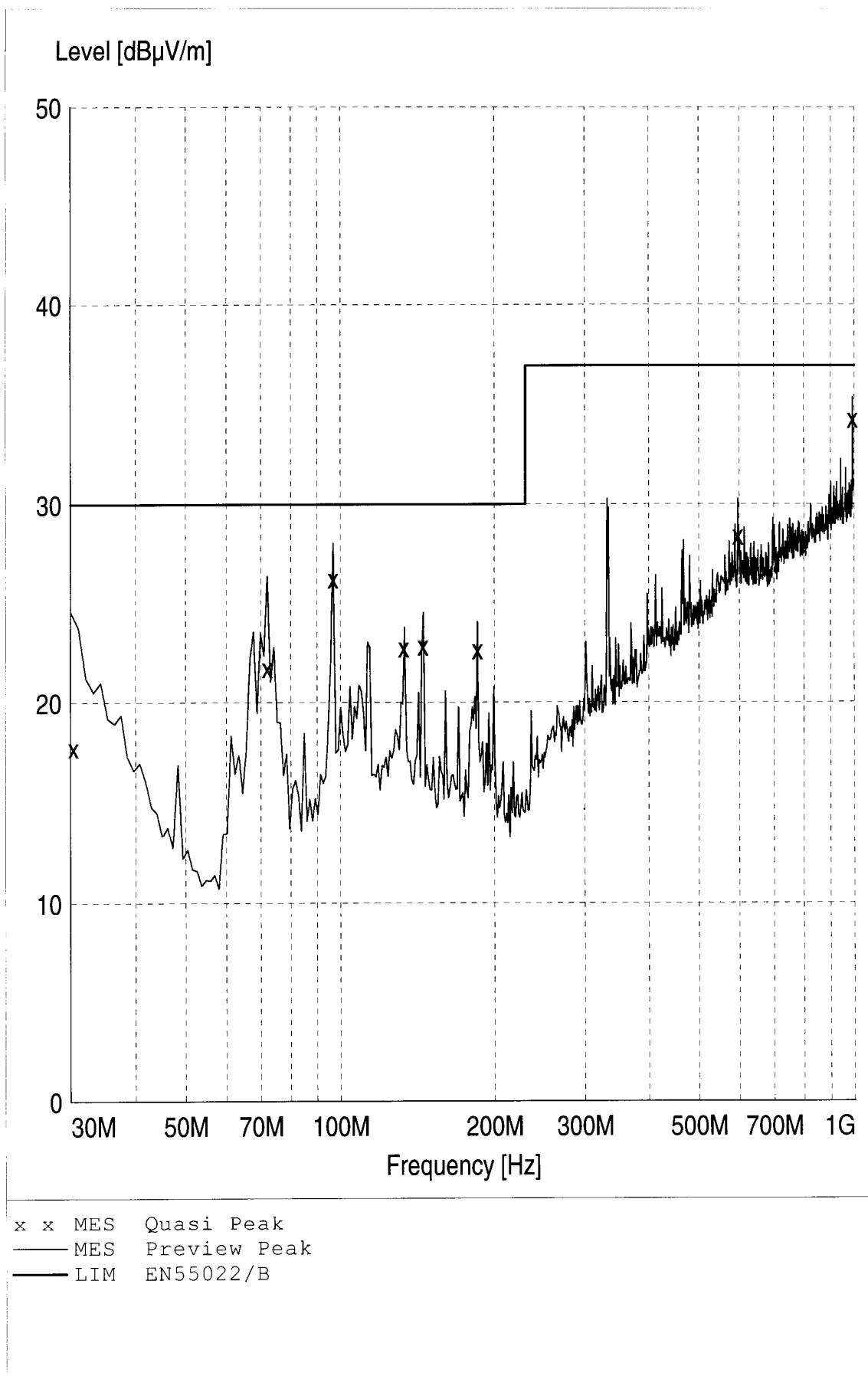
Subrange 1:

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"

13.10.99 07:36

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
30.360000	17.00	10.1	30.0	12.2	100.0	90.00	VERTICAL
71.970000	21.80	6.0	30.0	8.2	400.0	29.00	HORIZONTAL
96.660000	26.28	10.7	30.0	3.2	160.0	239.00	VERTICAL
132.900000	22.80	12.0	30.0	7.2	100.0	270.00	VERTICAL
144.960000	22.90	11.4	30.0	7.1	340.0	210.00	HORIZONTAL
185.070000	22.70	9.8	30.0	7.3	400.0	59.00	HORIZONTAL
595.320000	28.40	21.0	37.0	8.6	160.0	300.00	HORIZONTAL
992.220000	34.30	24.4	37.0	2.7	280.0	300.00	HORIZONTAL