

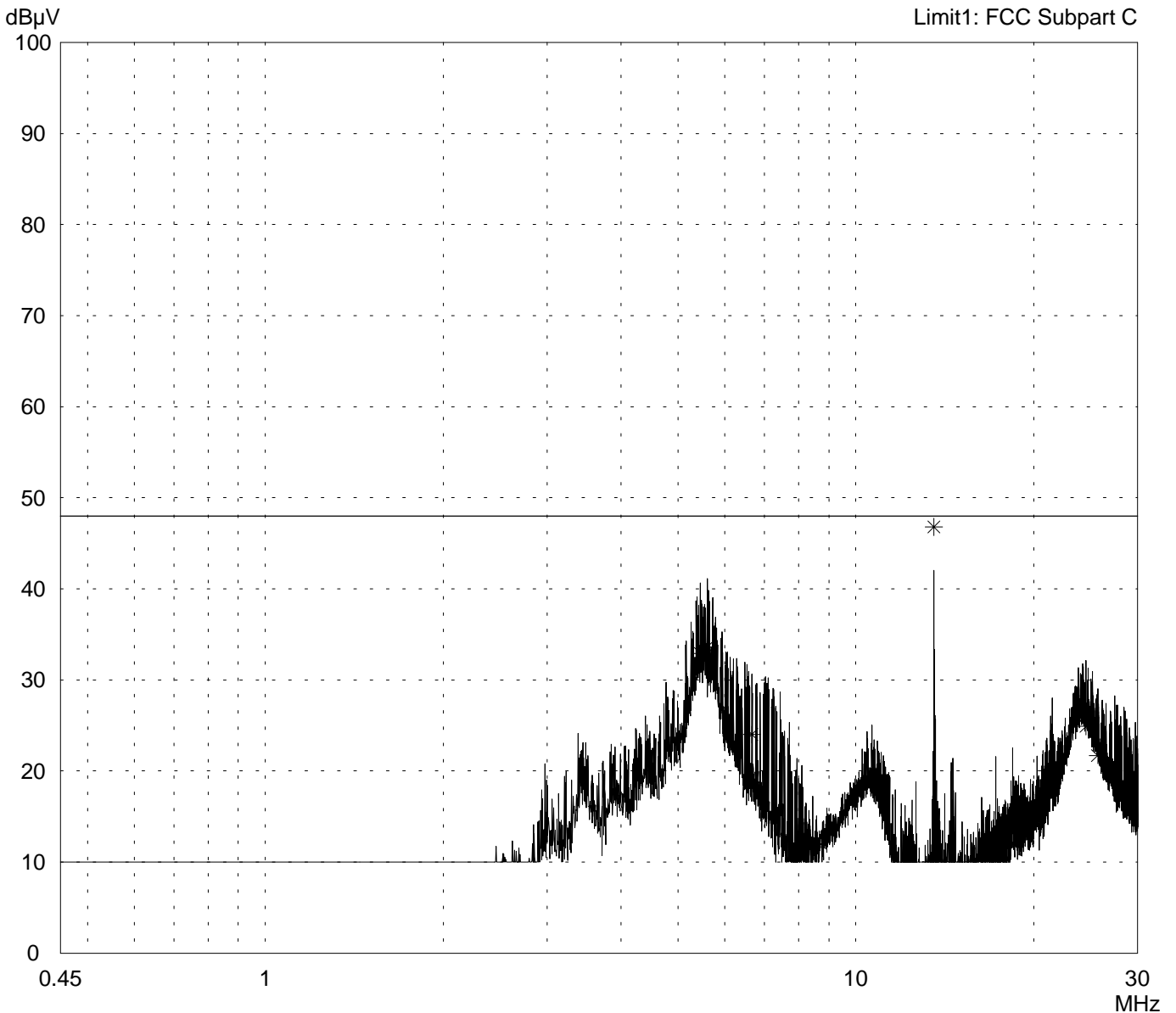
Conducted Emission Test 450 kHz - 30 MHz according to FCC Part 15 Subpart C

Model: Bedas 9320 Legic	
Serial no.: ---	
Applicant: Kaba Benzing GmbH	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT Phase L1	
Date of test: 11/22/1999	Operator: J. Roidt
Test performed: automatically	File name:

Mode: - Reading of transponder	
- EUT is connected to PC (NCR) by RS485/ RS232 converter	
- Software "Service V2.84"	
- with ferrite core Kitagawa SFC-10 on data/supply lines (one additional loop)	
Note: 13.56 MHz is operating frequency of EUT!	

Detector: Peak / Final Results: QP

Final results: 20 dB Margin	25 Subranges
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Result: Limit kept

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according to FCC Part 15 Subpart C**

Model: Bedas 9320 Legic	Mode: - Reading of transponder - EUT is connected to PC (NCR) by RS485/ RS232 converter - Software "Service V2.84" - with ferrite core Kitagawa SFC-10 on data/supply lines (one additional loop) Note: 13.56 MHz is operating frequency of EUT!
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<i>Frequency MHz</i>	<i>Reading dBμV</i>	<i>Correction factor dB</i>	<i>Value dBμV</i>	<i>Limit dBμV</i>	<i>Limit exceeded</i>
5.450	32.9		32.9	48.0	
5.610	33.6		33.6	48.0	
6.670	24.0		24.0	48.0	
13.560	46.8		46.8	48.0	
24.550	24.9		24.9	48.0	
25.675	21.7		21.7	48.0	

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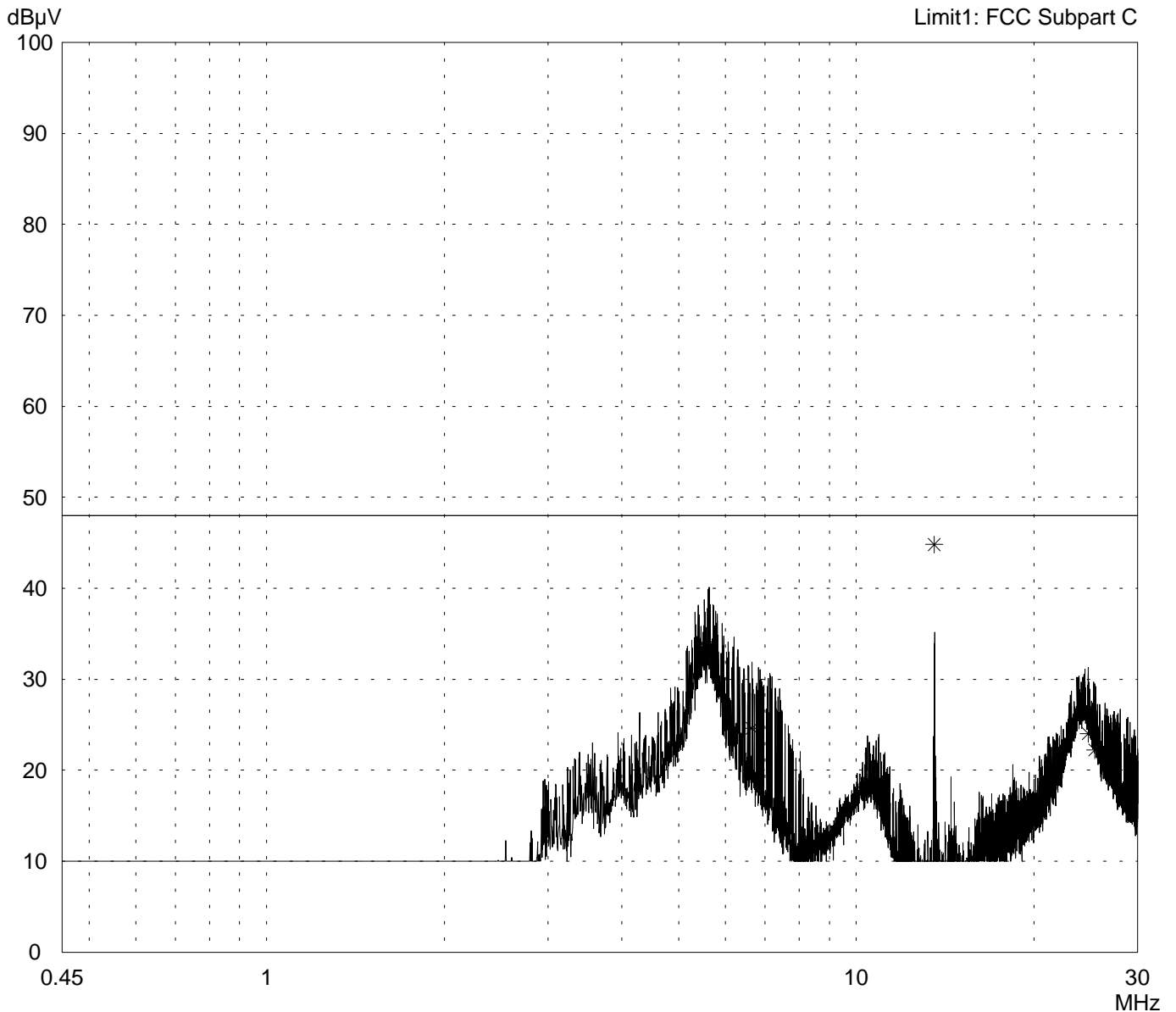
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Model: Bedas 9320 Legic	
Serial no.: ---	
Applicant: Kaba Benzing GmbH	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT Phase N	
Date of test: 11/22/1999	Operator: J. Roidt
Test performed: automatically	File name:

Mode: - Reading of transponder	
- EUT is connected to PC (NCR) by RS485/ RS232 converter	
- Software "Service V2.84"	
- with ferrite core Kitagawa SFC-10 on data/supply lines (one additional loop)	
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Detector: Peak / Final Results: QP

Final results: 20 dB Margin	25 Subranges
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<p>Detector: Peak / Final Results: QP</p>	<p>Final results: 20 dB Margin 25 Subranges</p>
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<i>Frequency MHz</i>	<i>Reading dBμV</i>	<i>Correction factor dB</i>	<i>Value dBμV</i>	<i>Limit dBμV</i>	<i>Limit exceeded</i>
5.525	33.8		33.8	48.0	
5.635	33.9		33.9	48.0	
6.660	24.6		24.6	48.0	
13.560	44.8		44.8	48.0	
24.755	24.0		24.0	48.0	
25.395	22.2		22.2	48.0	

<p>Result: Limit kept</p>	<p>Project file: 51116-70522 Page of Pages</p>
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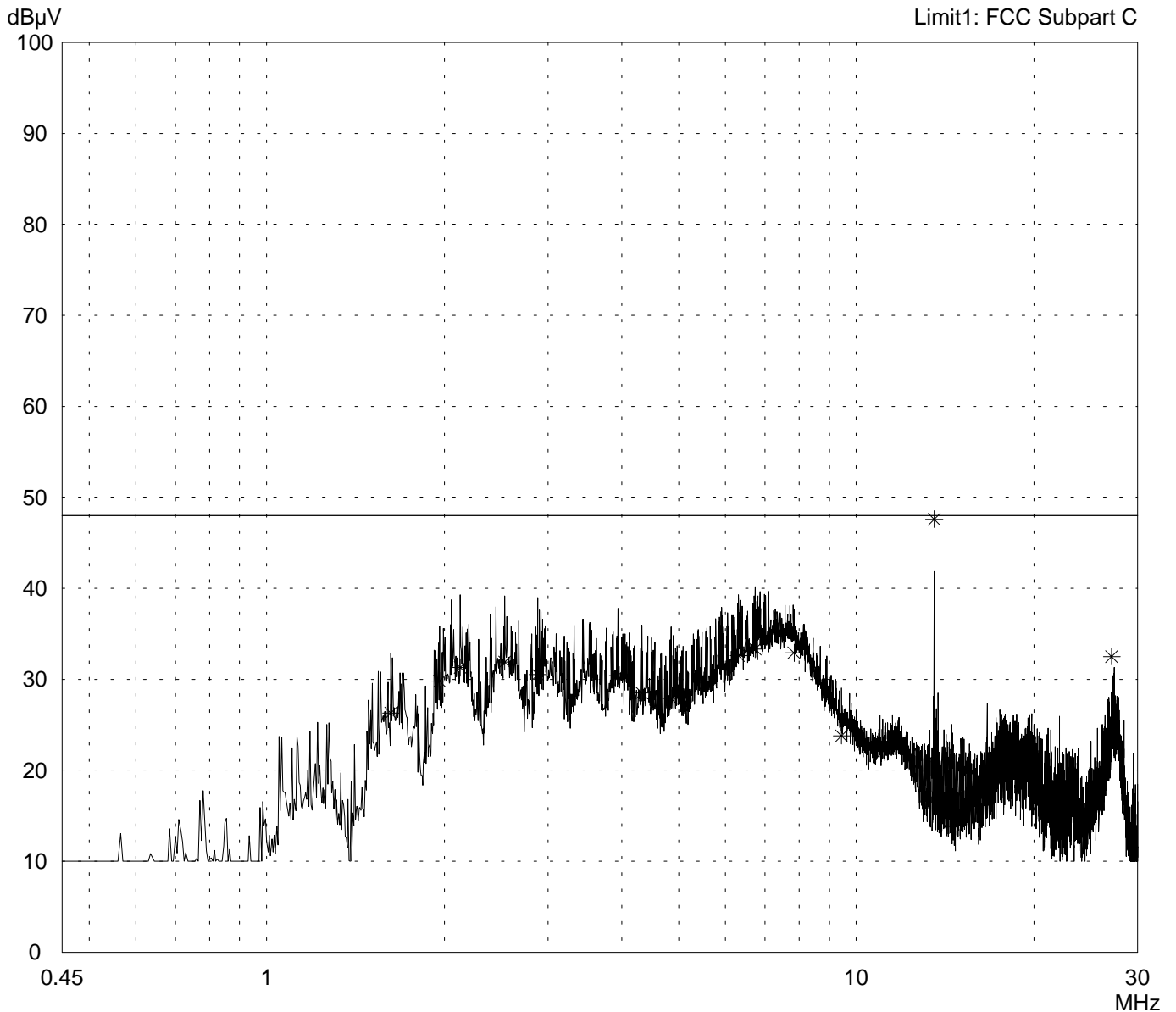
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Applicant: Kaba Benzing GmbH	
Test site: Shielded room, cabin no. 2	
Tested on: Linecord EUT Phase L1	
Date of test: 12/22/1999	Operator: J. Roidt
Test performed: automatically	File name:

Mode: - Reading of transponder	
- EUT is connected to PC (NCR) by RS485/ RS232 converter	
- Software "Service V2.84"	
- no printer connected to PC	
Note: 13.56 MHz is operating frequency of EUT!	

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<p>Detector: Peak / Final Results: QP</p>	<p>Final results: 20 dB Margin 25 Subranges</p>
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<i>Frequency MHz</i>	<i>Reading dBµV</i>	<i>Correction factor dB</i>	<i>Value dBµV</i>	<i>Limit dBµV</i>	<i>Limit exceeded</i>
1.625	26.3		26.3	48.0	
1.965	29.8		29.8	48.0	
2.130	31.3		31.3	48.0	
2.535	31.9		31.9	48.0	
2.880	30.5		30.5	48.0	
3.940	30.4		30.4	48.0	
4.330	28.5		28.5	48.0	
4.850	27.9		27.9	48.0	
6.315	32.6		32.6	48.0	
6.735	33.3		33.3	48.0	
7.840	32.9		32.9	48.0	
9.445	23.8		23.8	48.0	
13.560	47.6		47.6	48.0	
27.120	32.5		32.5	48.0	

<p>Result: Limit kept</p>	<p>Project file: 51116-70522</p> <p style="text-align: right;">Page of Pages</p>
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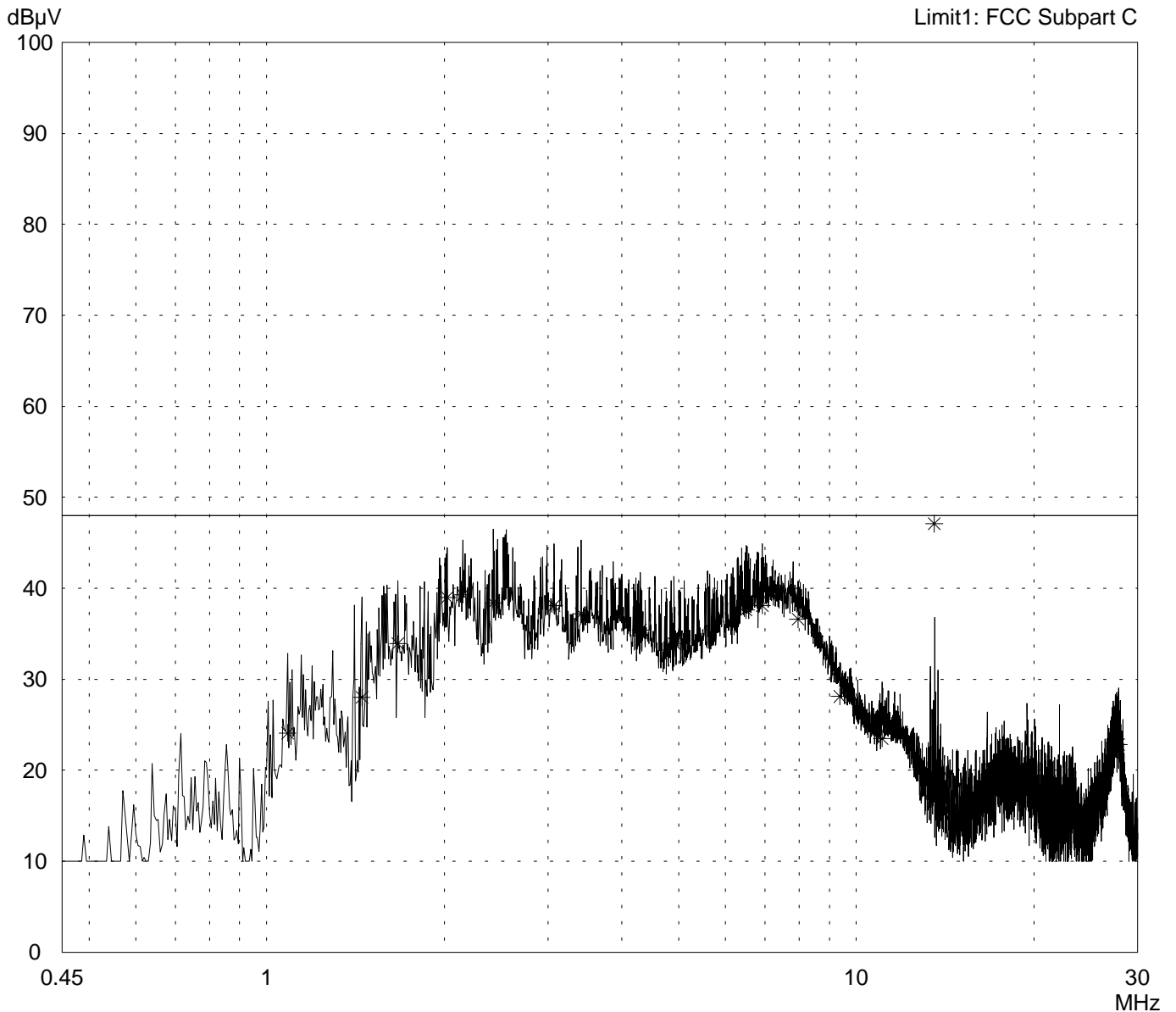
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Tested on: Linecord EUT Phase N	
Date of test: 12/22/1999	Operator: J. Roidt
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<i>Frequency MHz</i>	<i>Reading dBµV</i>	<i>Correction factor dB</i>	<i>Value dBµV</i>	<i>Limit dBµV</i>	<i>Limit exceeded</i>
1.085	24.1		24.1	48.0	
1.450	28.0		28.0	48.0	
1.670	33.9		33.9	48.0	
2.025	39.0		39.0	48.0	
2.150	39.3		39.3	48.0	
2.425	38.4		38.4	48.0	
3.075	38.1		38.1	48.0	
3.415	37.2		37.2	48.0	
4.305	35.4		35.4	48.0	
4.910	33.9		33.9	48.0	
6.500	37.6		37.6	48.0	
6.920	38.1		38.1	48.0	
7.960	36.6		36.6	48.0	
9.380	28.1		28.1	48.0	
11.060	23.5		23.5	48.0	
13.560	47.1		47.1	48.0	
27.875	22.8		22.8	48.0	

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