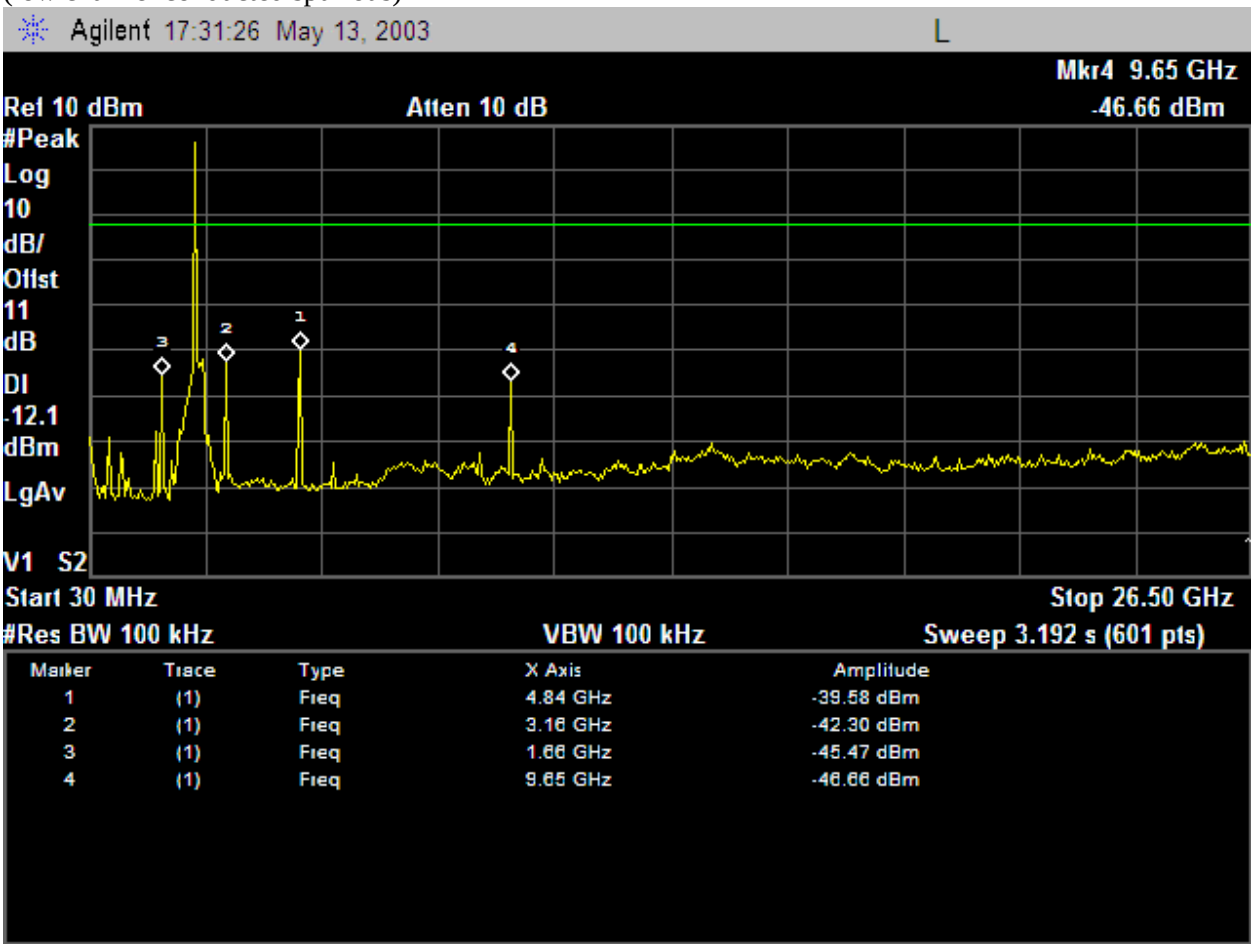
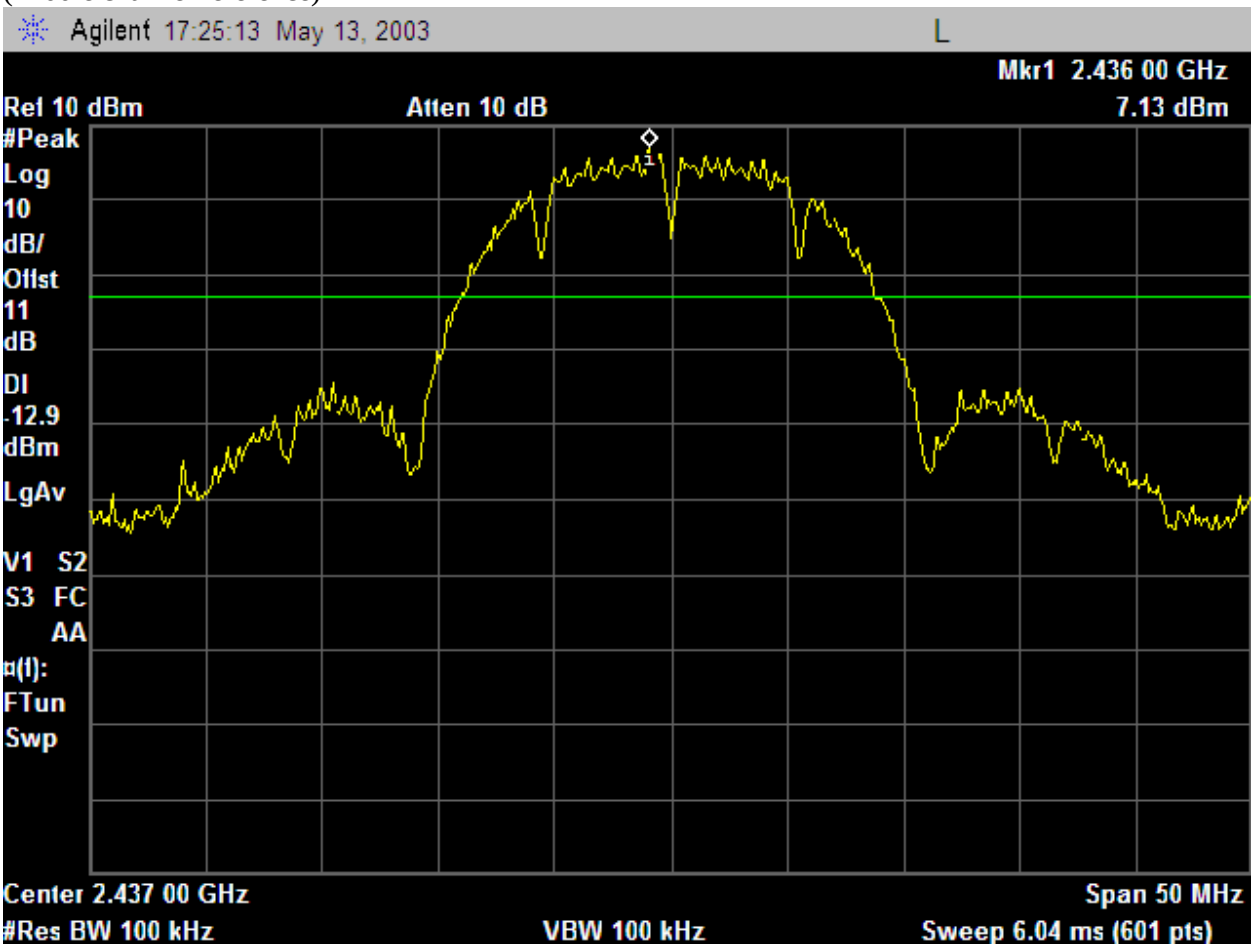
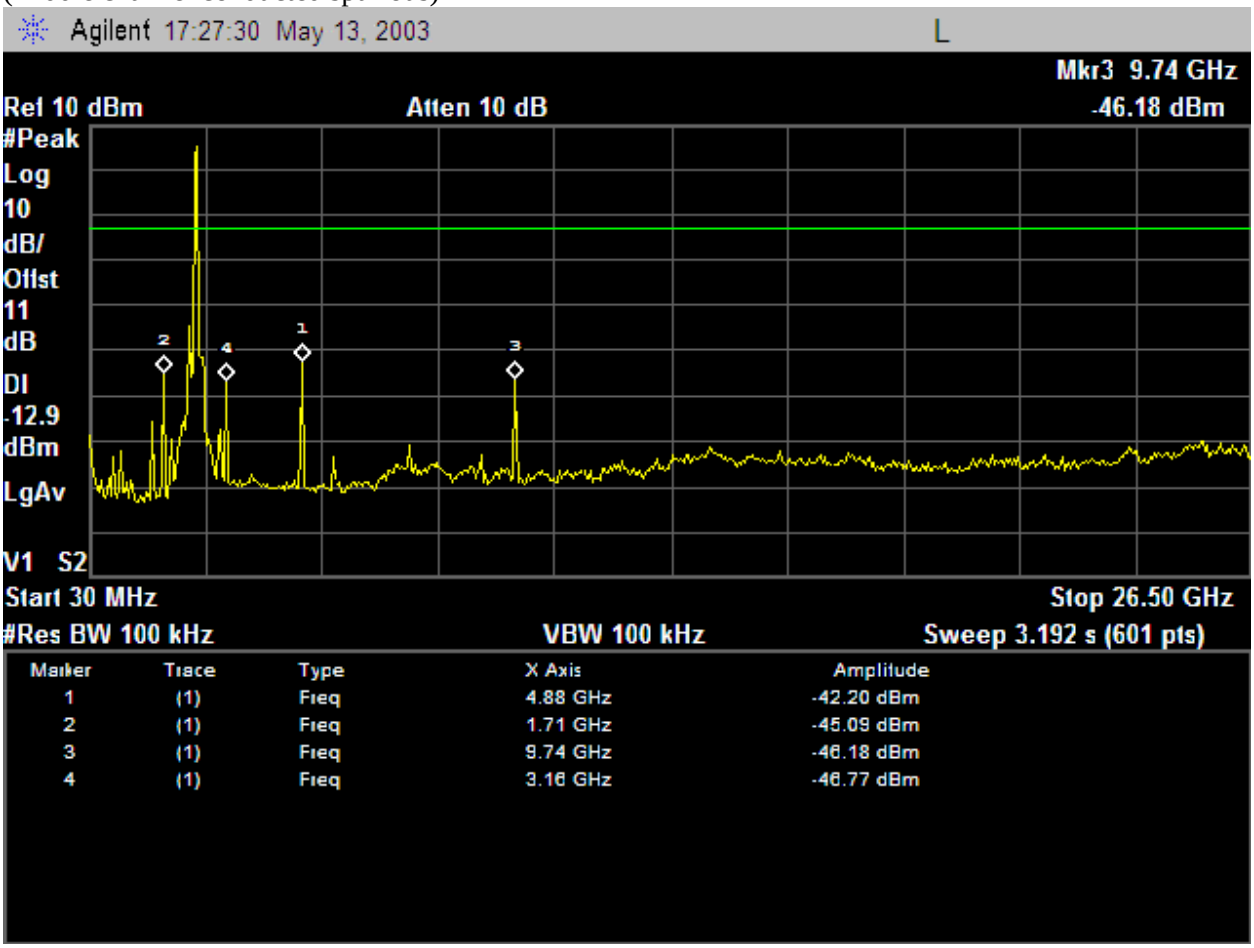
(low channel conducted spurious)



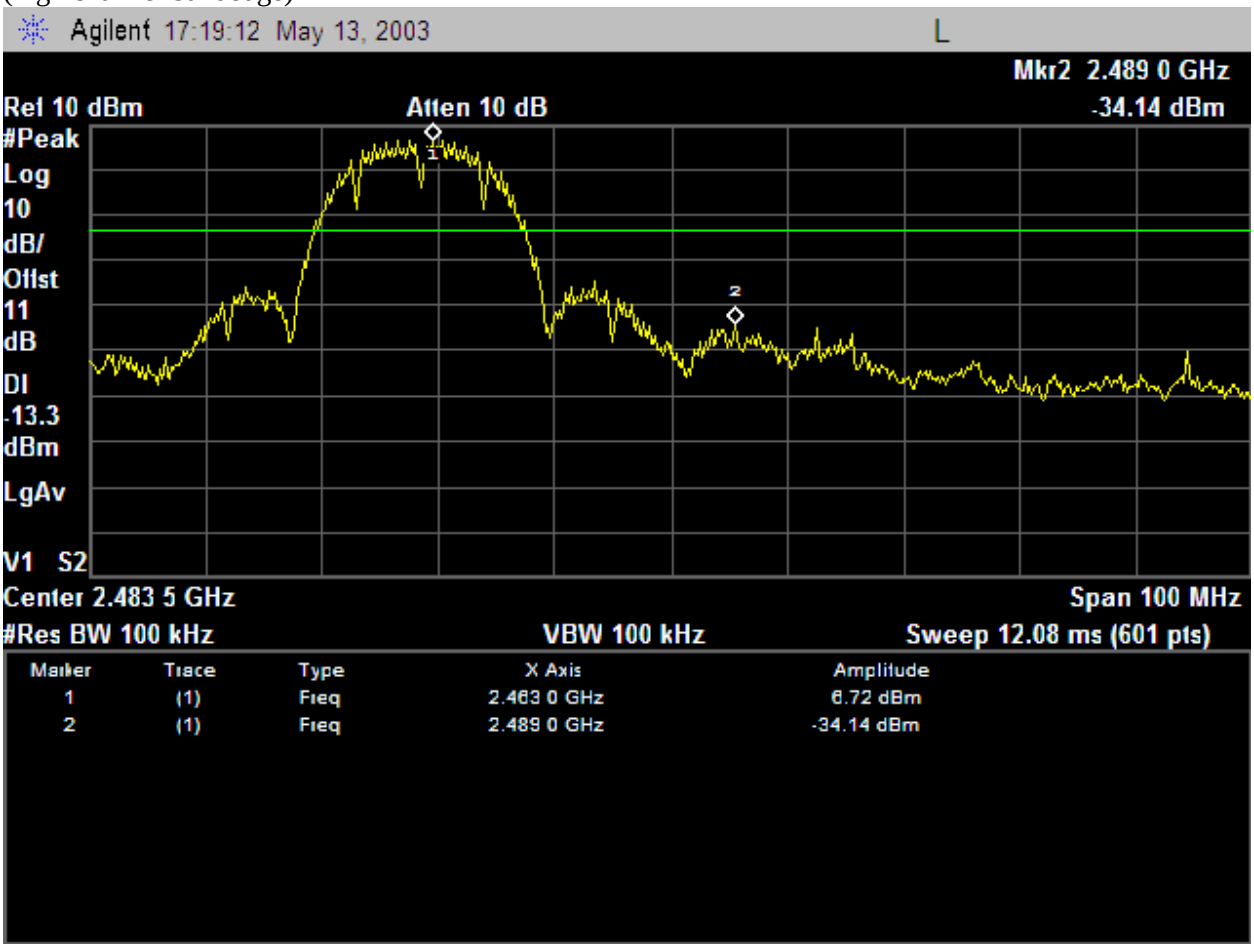
(middle channel reference)



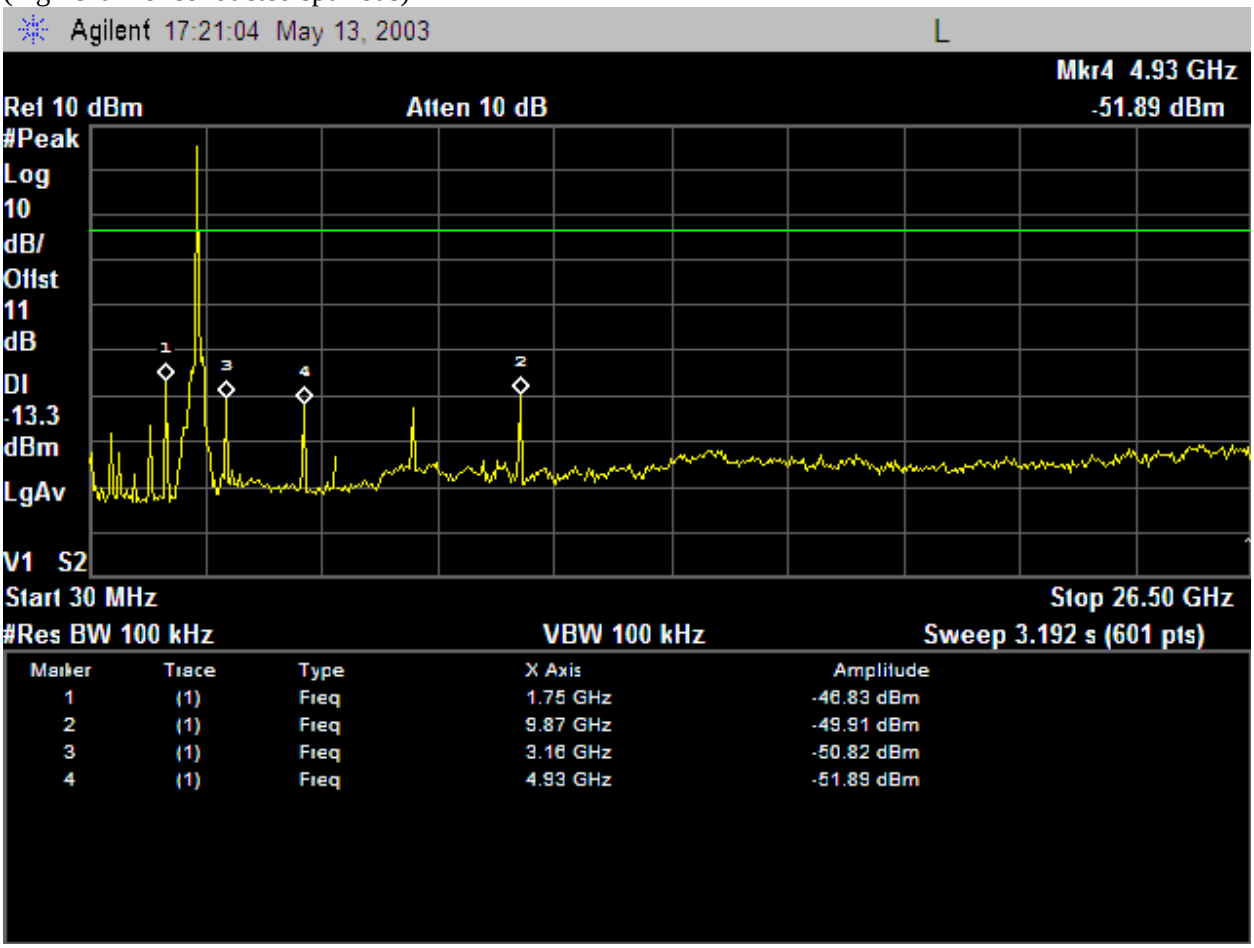
(middle channel conducted spurious)



(high channel bandedge)

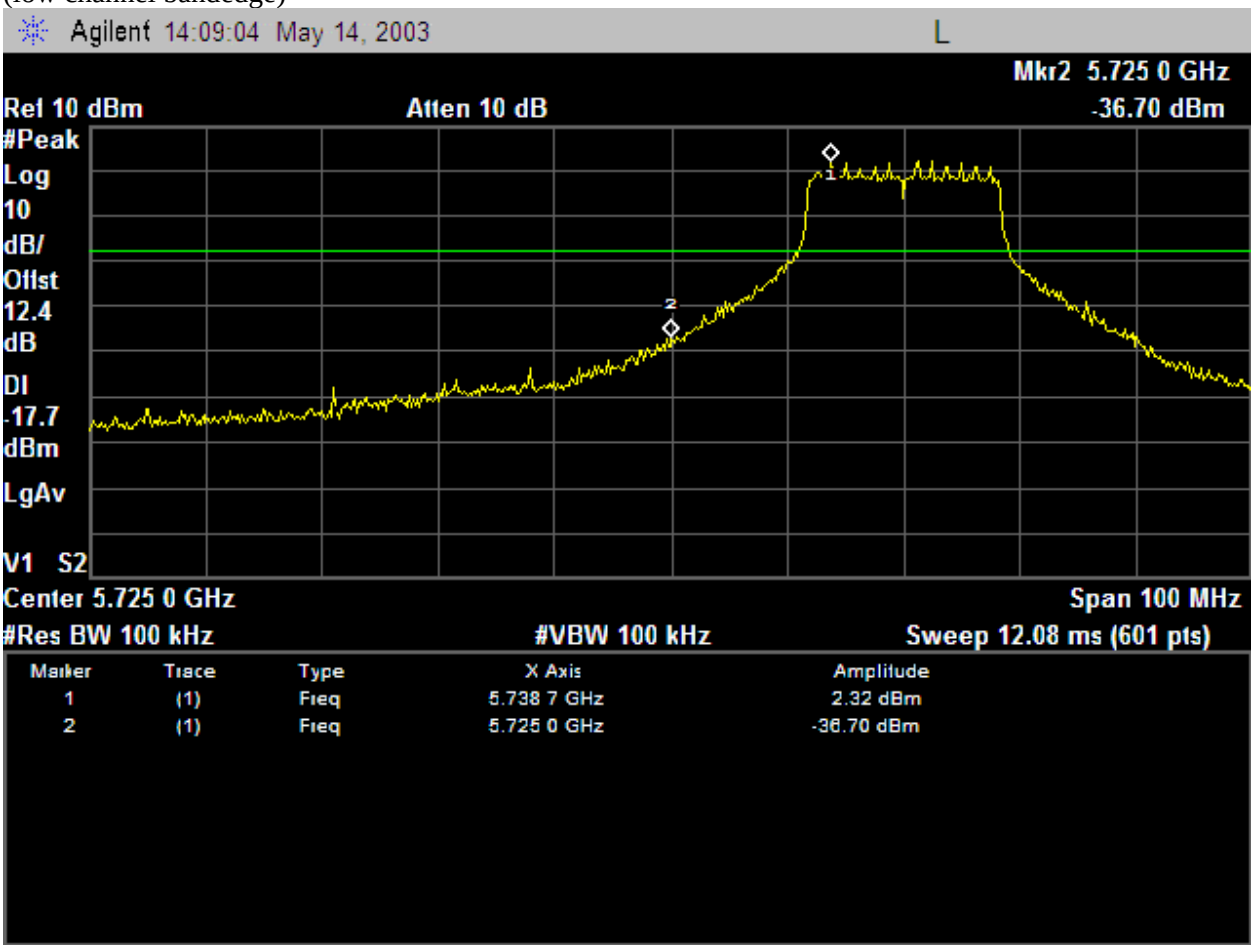


(high channel conducted spurious)

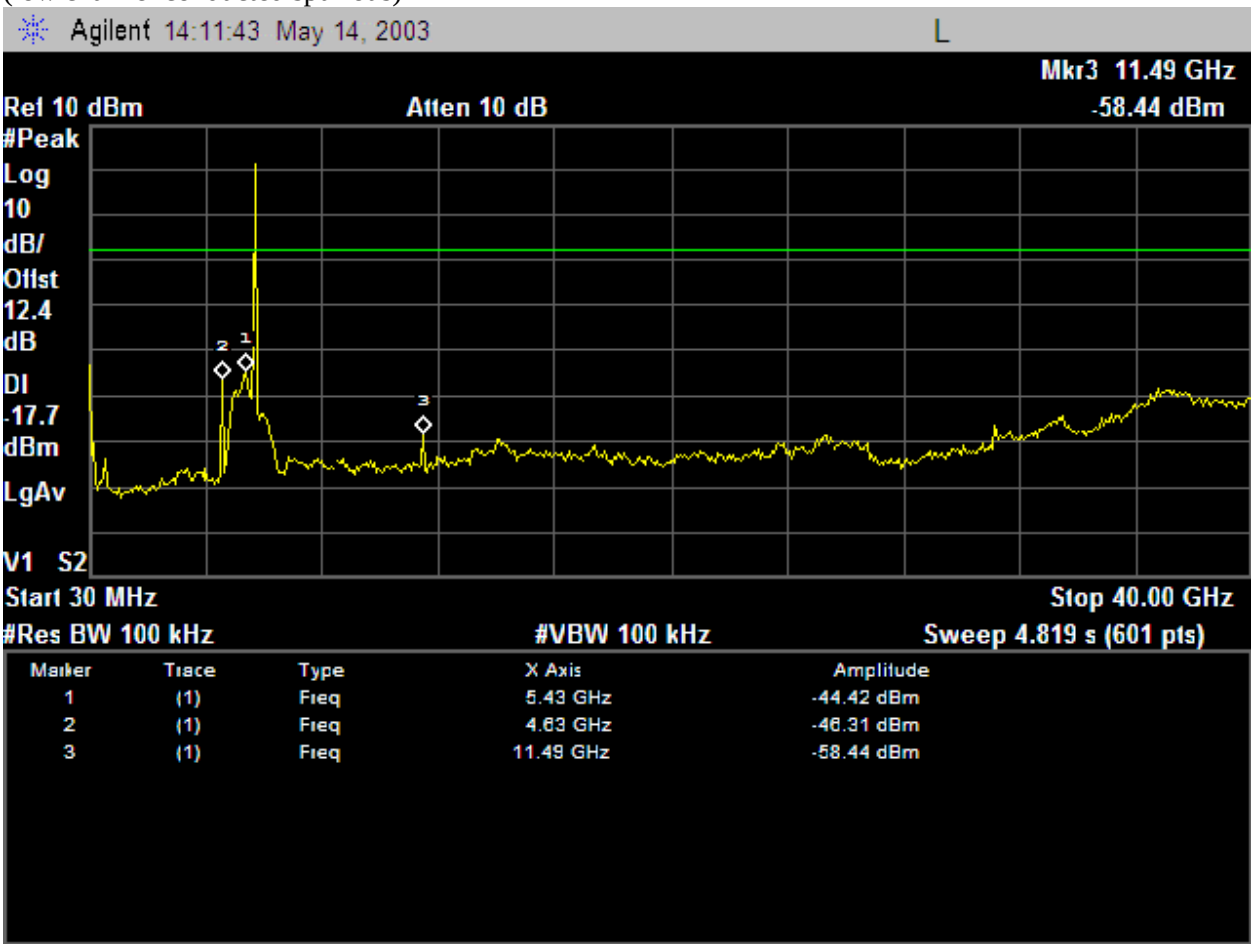


CONDUCTED SPURIOUS EMISSIONS (5.8 GHZ a MODE)

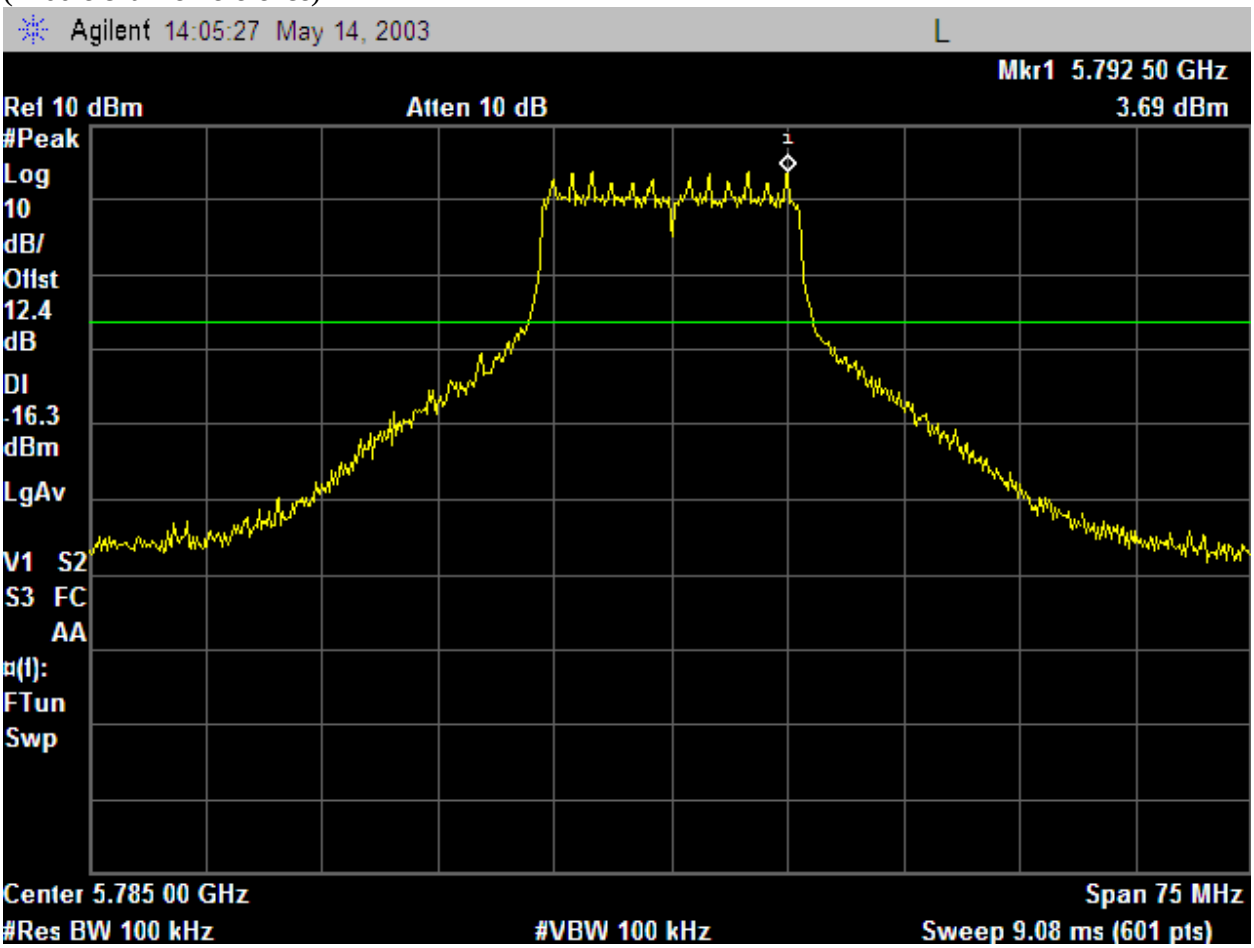
(low channel bandedge)



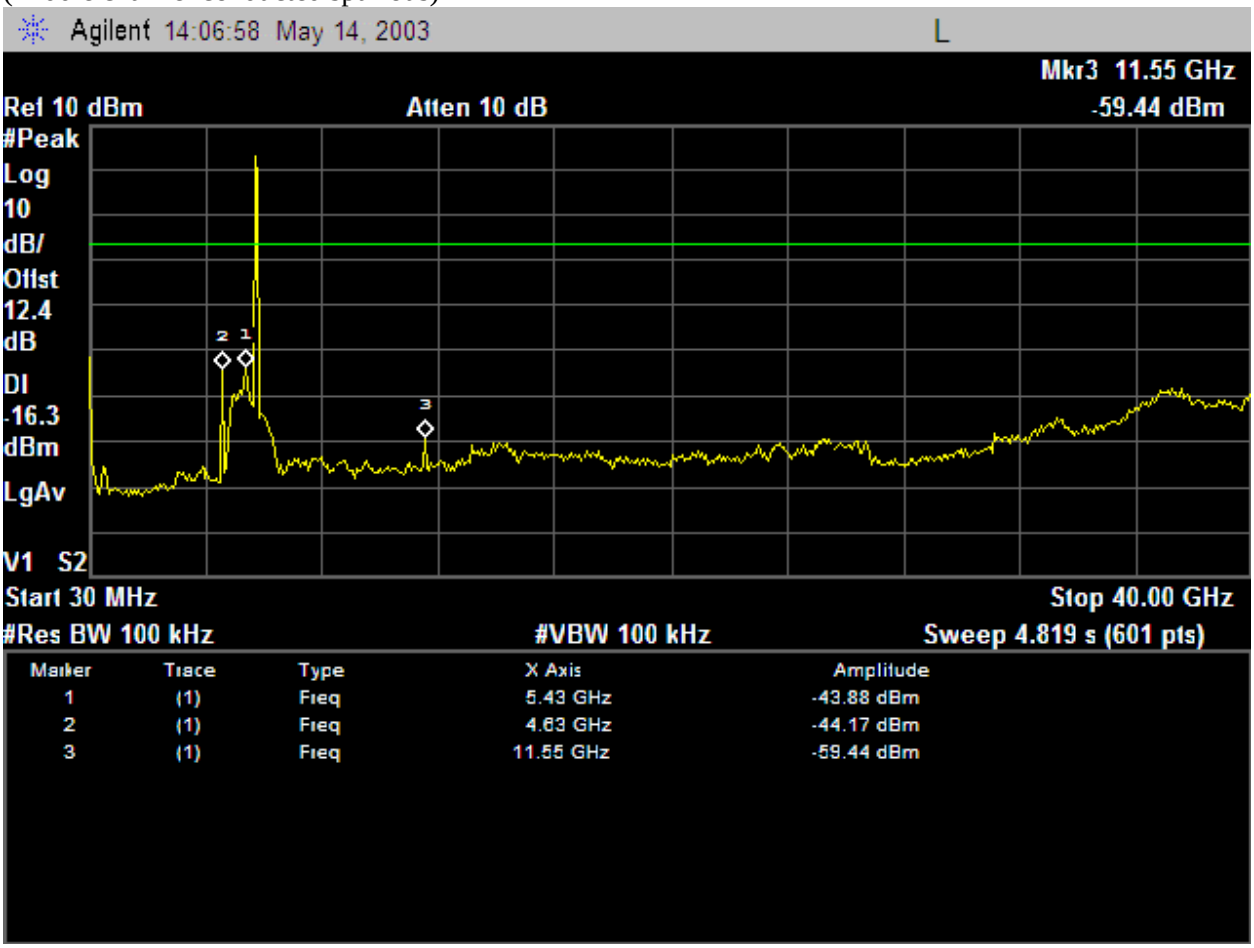
(low channel conducted spurious)



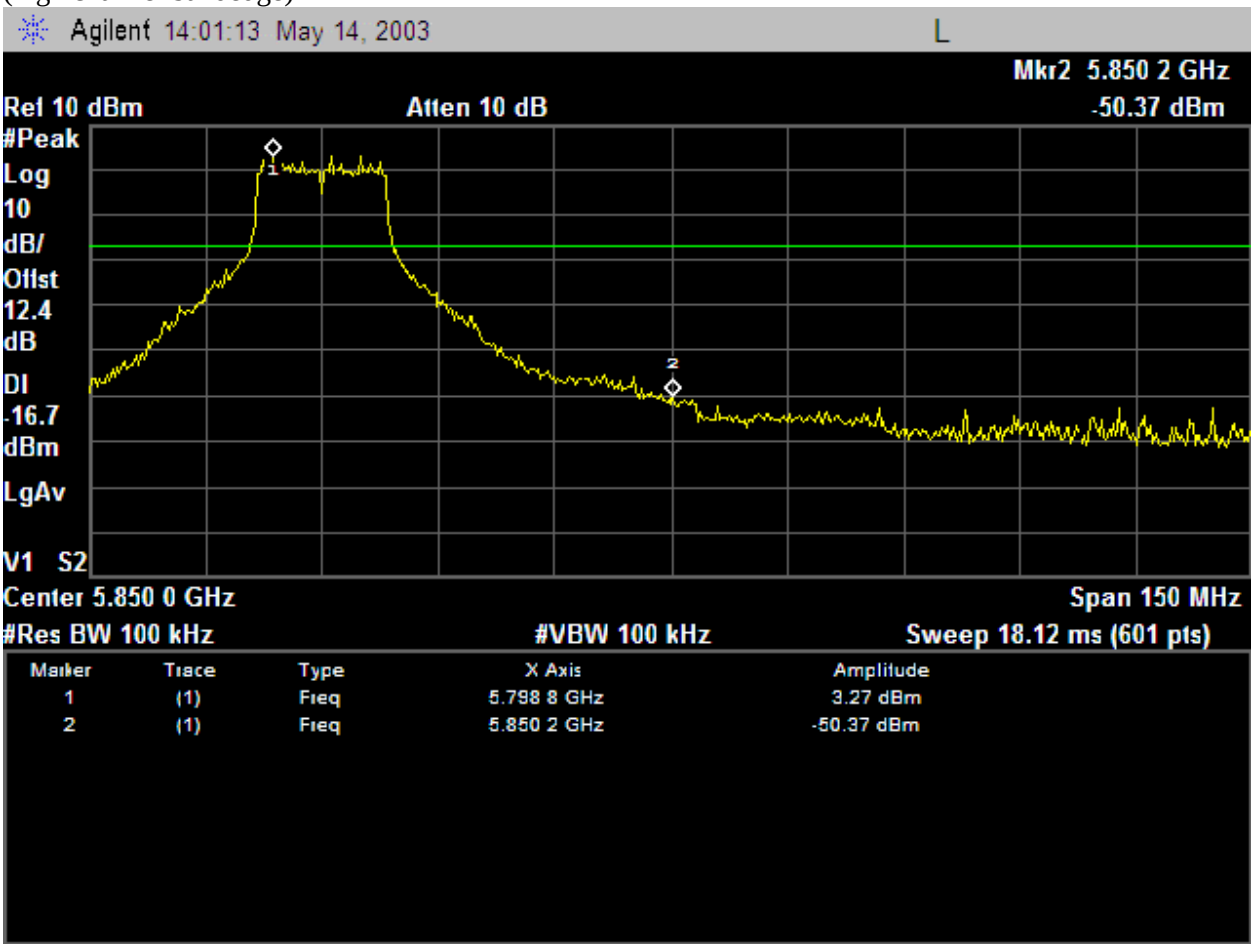
(middle channel reference)



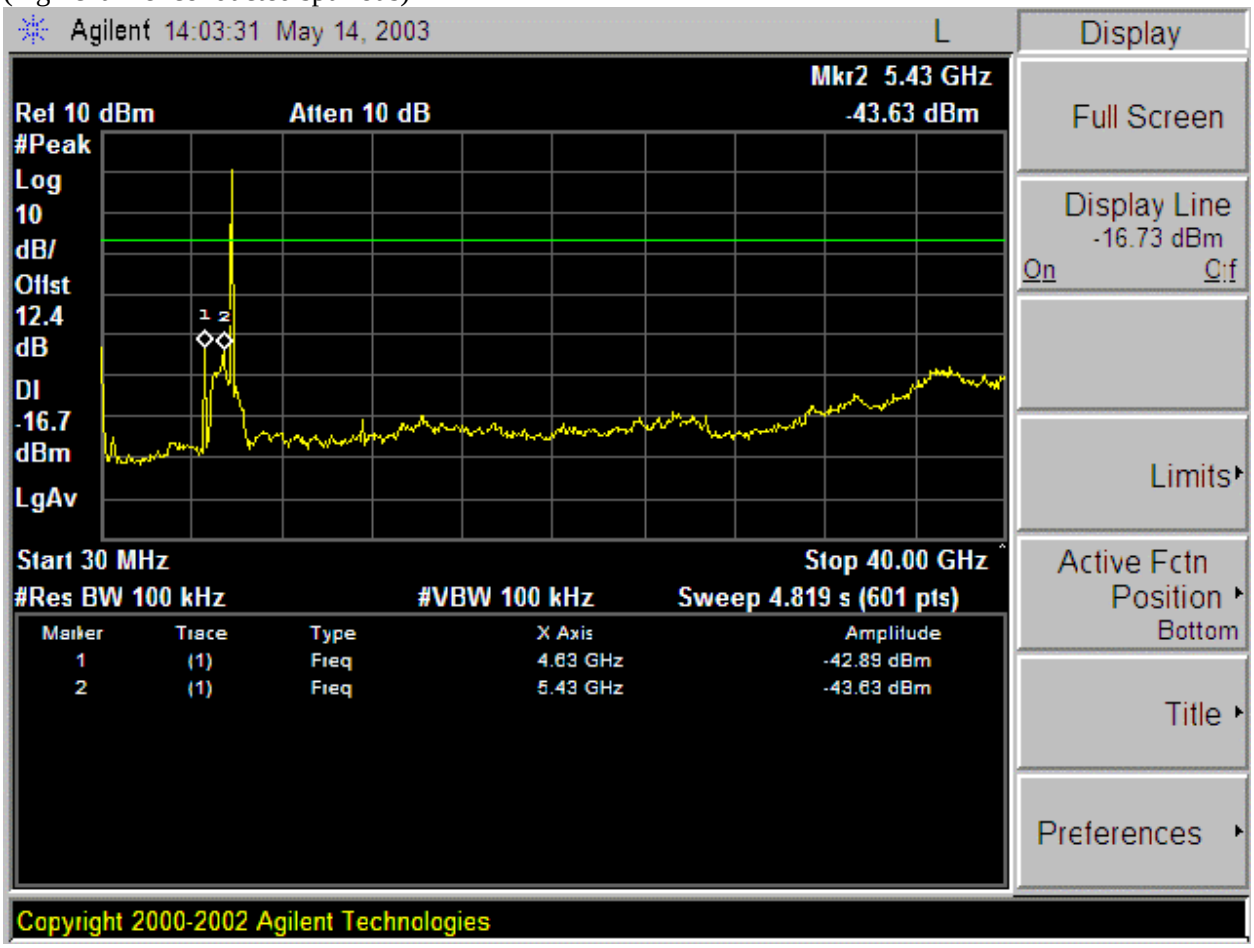
(middle channel conducted spurious)



(high channel bandedge)



(high channel conducted spurious)



7.6. RADIATED EMISSIONS

LIMITS

§15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41			

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2] Above 38.6

§15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

§15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 - 88	100 **	3
88 - 216	150 **	3
216 - 960	200 **	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

§15.209 (b) In the emission table above, the tighter limit applies at the band edges.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels within the 2.4 GHz band.

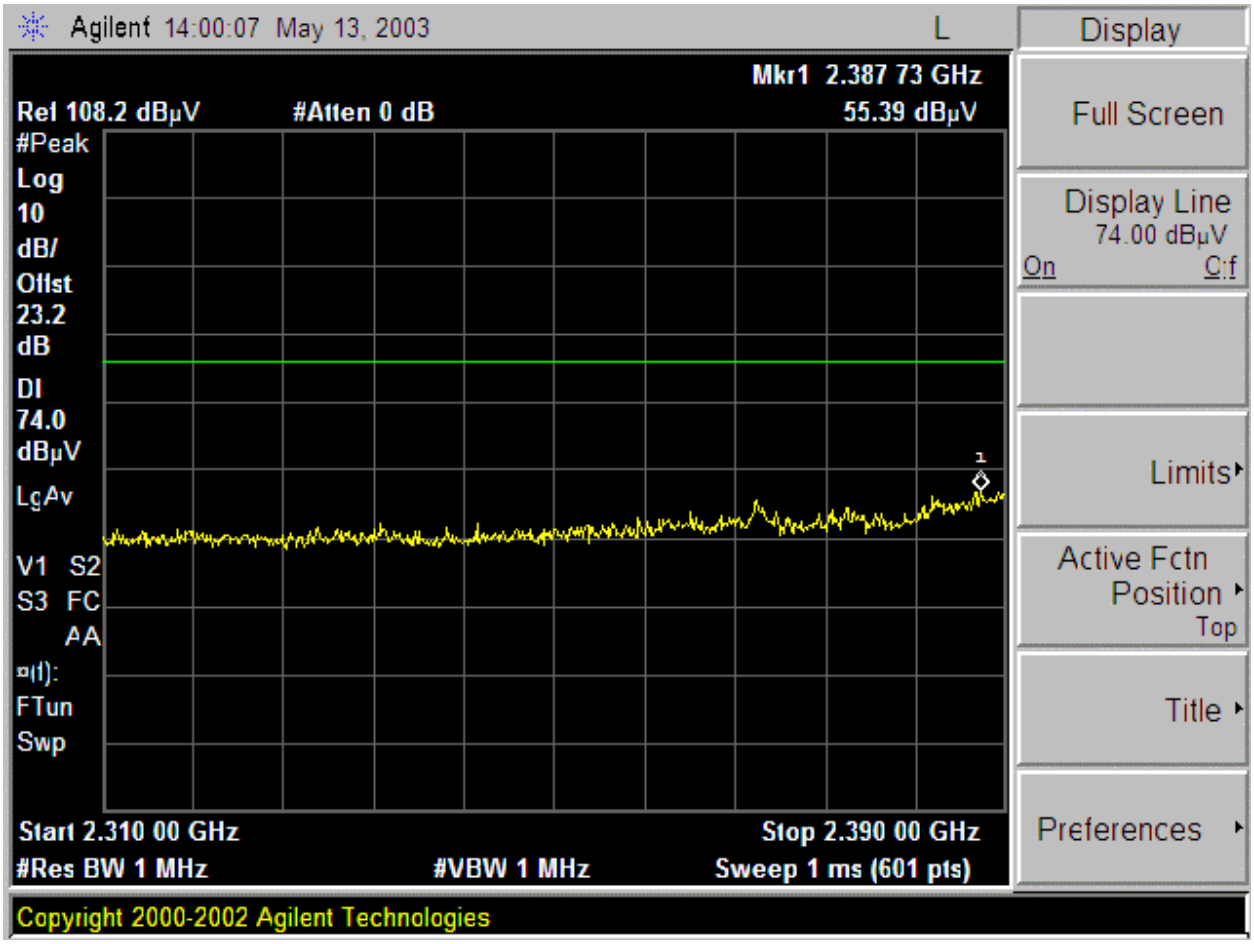
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels within the 5.8 GHz band.

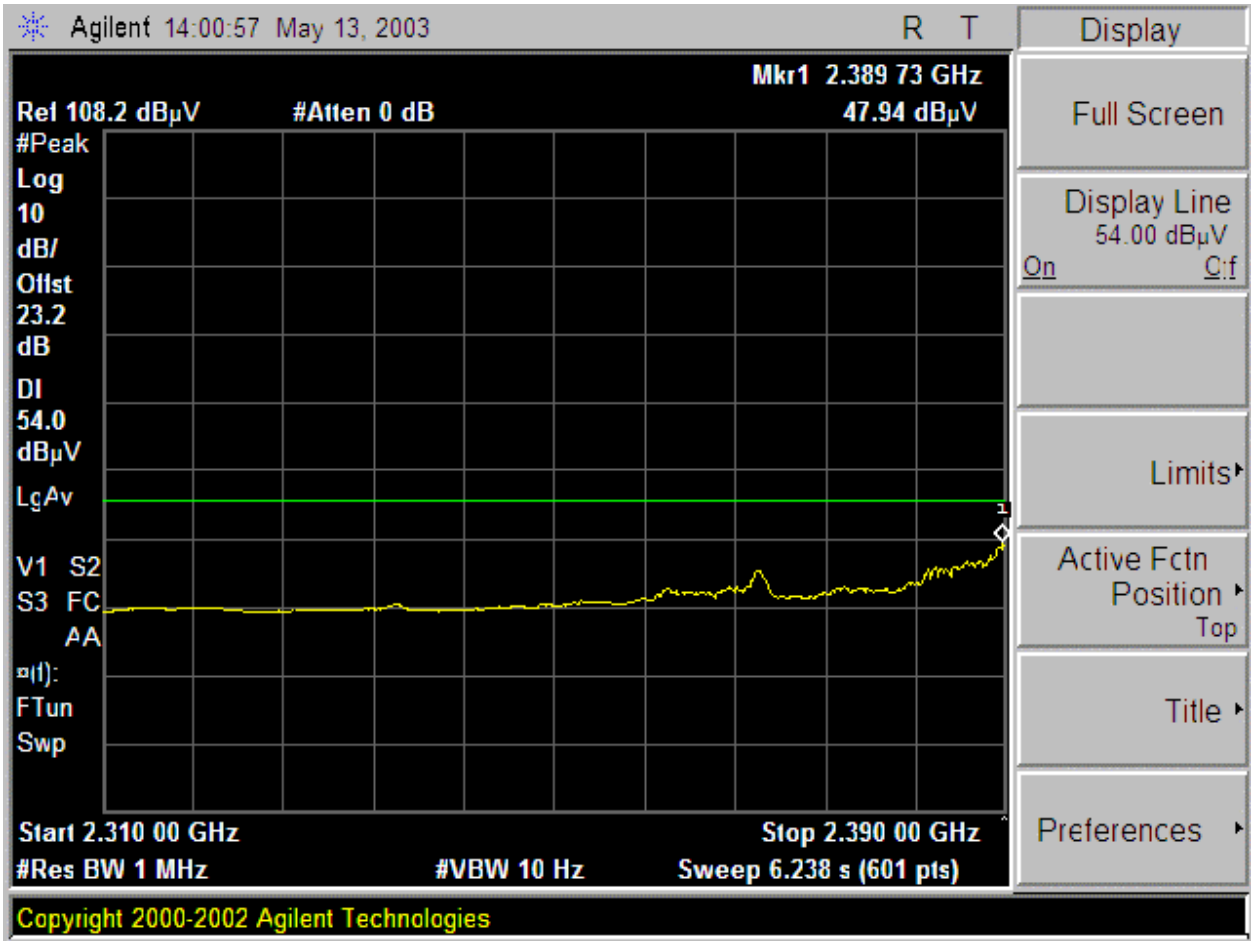
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

RESULTS

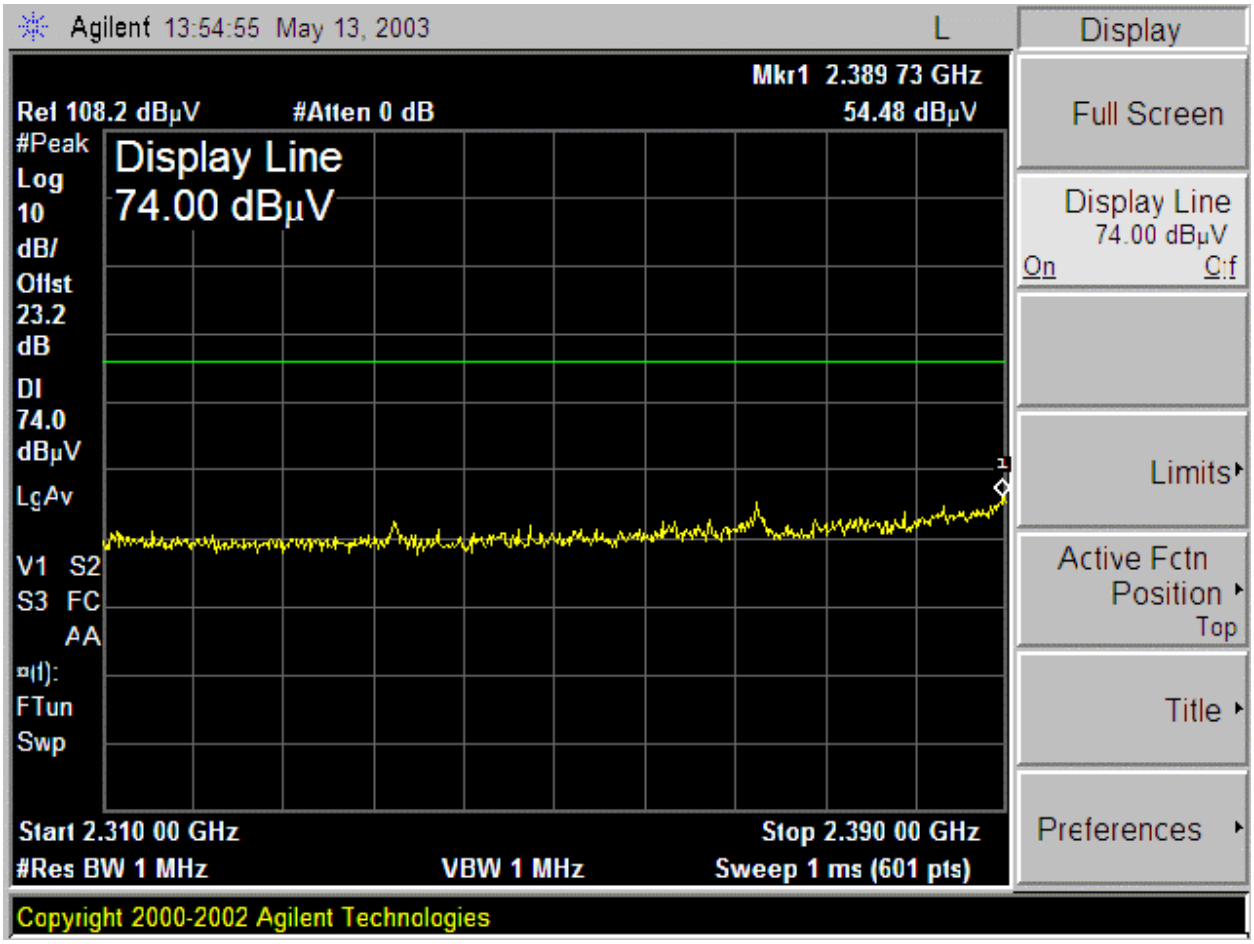
No non-compliance noted:

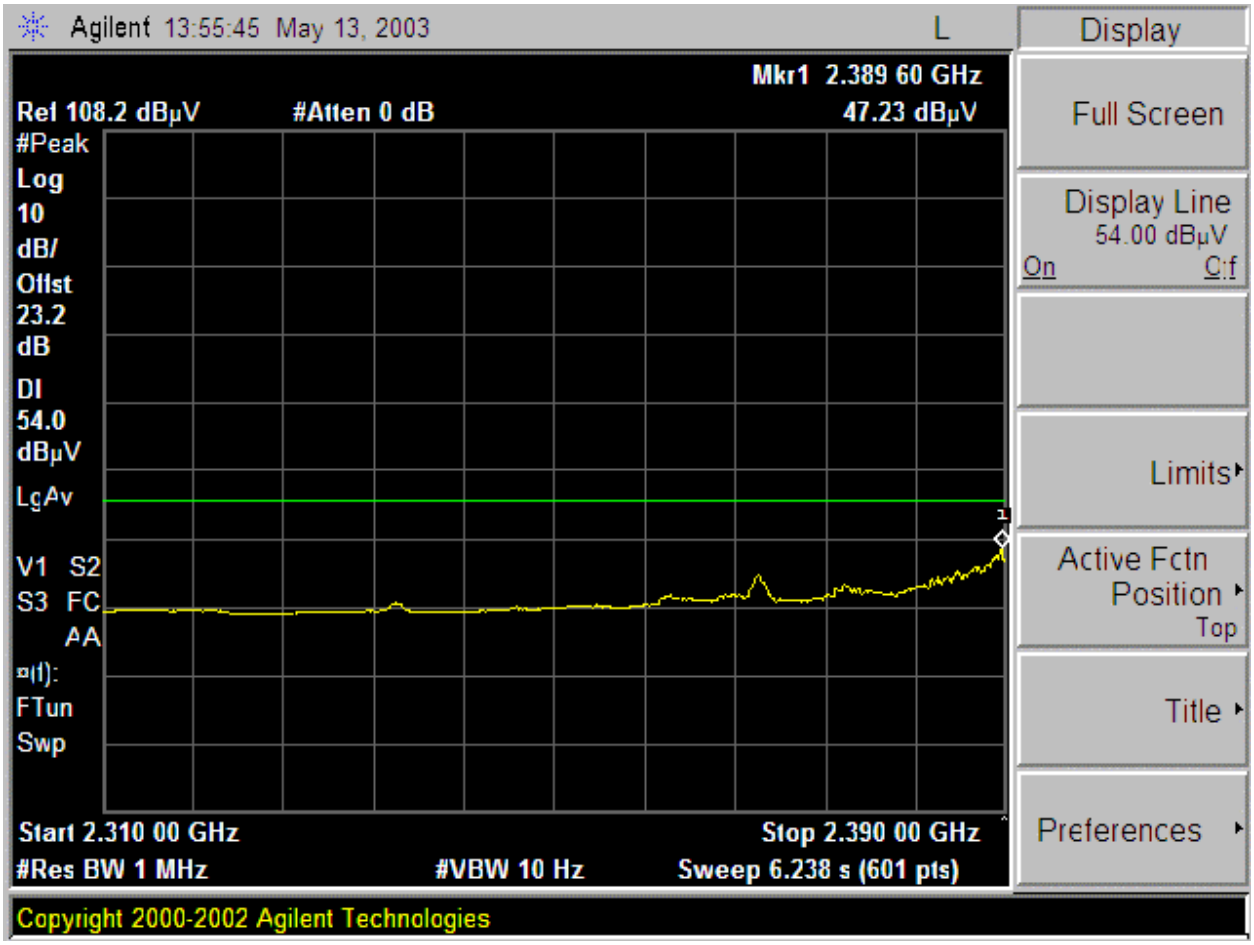
ADJACENT RESTRICTED BAND (b MODE, LOW CHANNEL, HORIZONTAL)



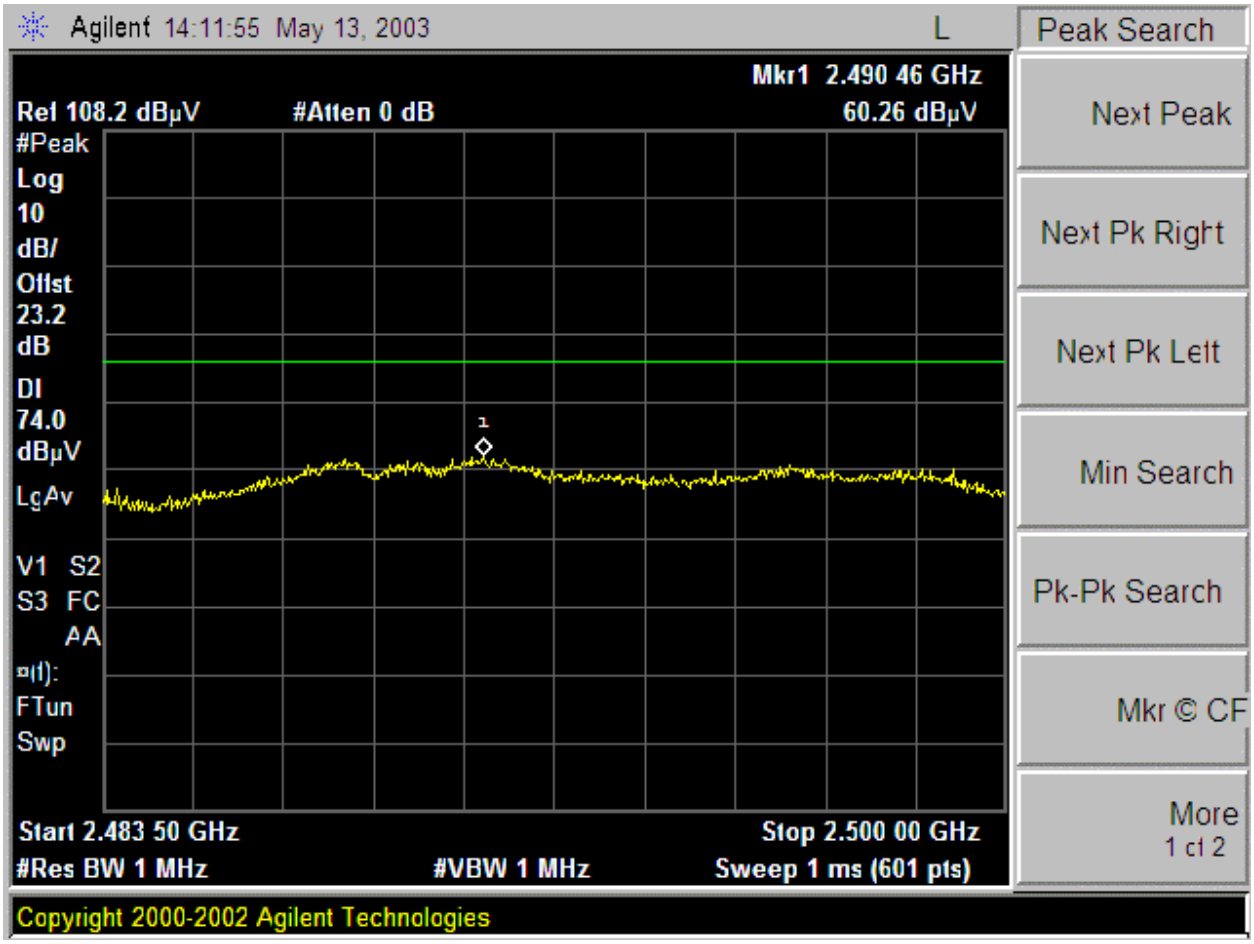


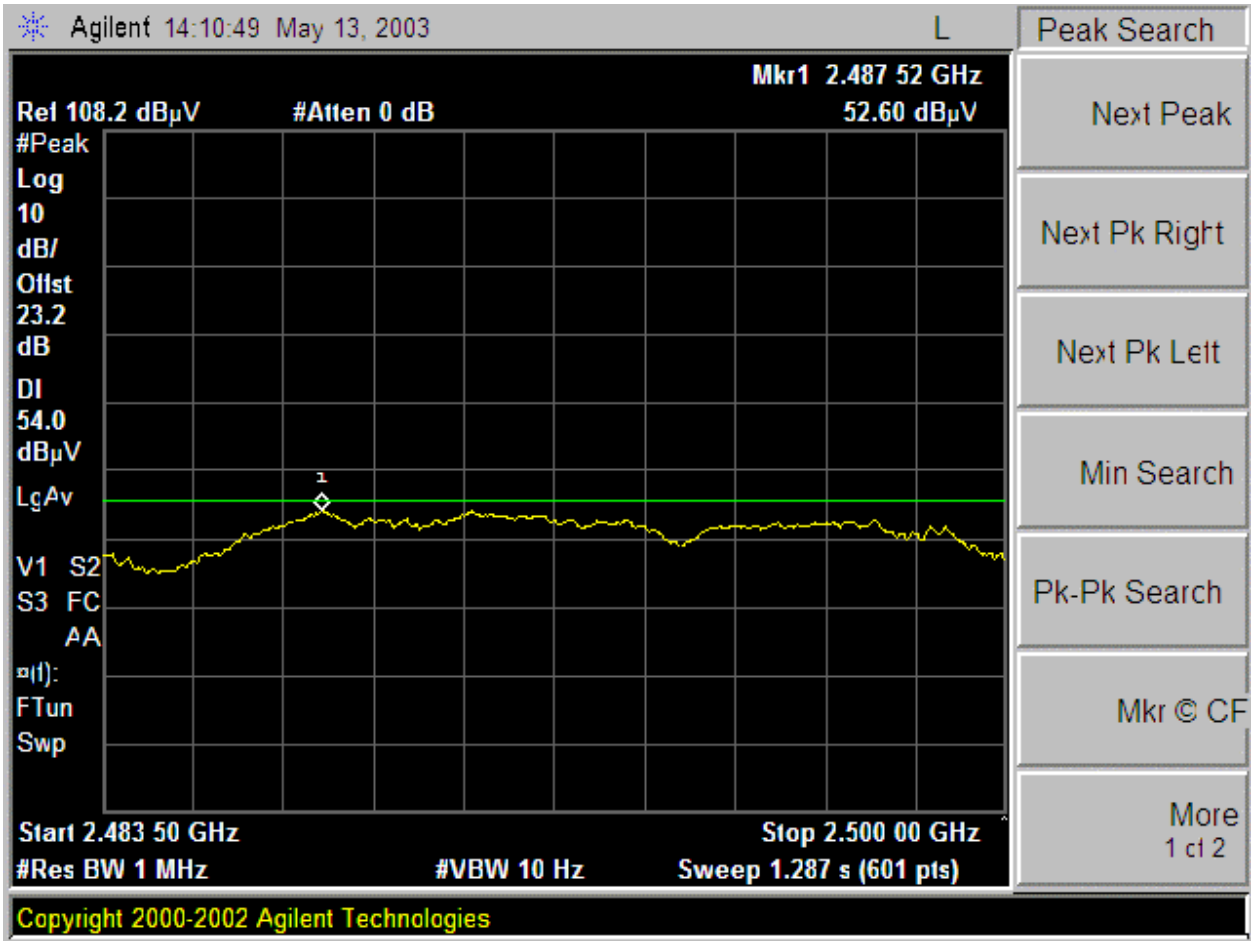
ADJACENT RESTRICTED BAND (b MODE, LOW CHANNEL, VERTICAL)



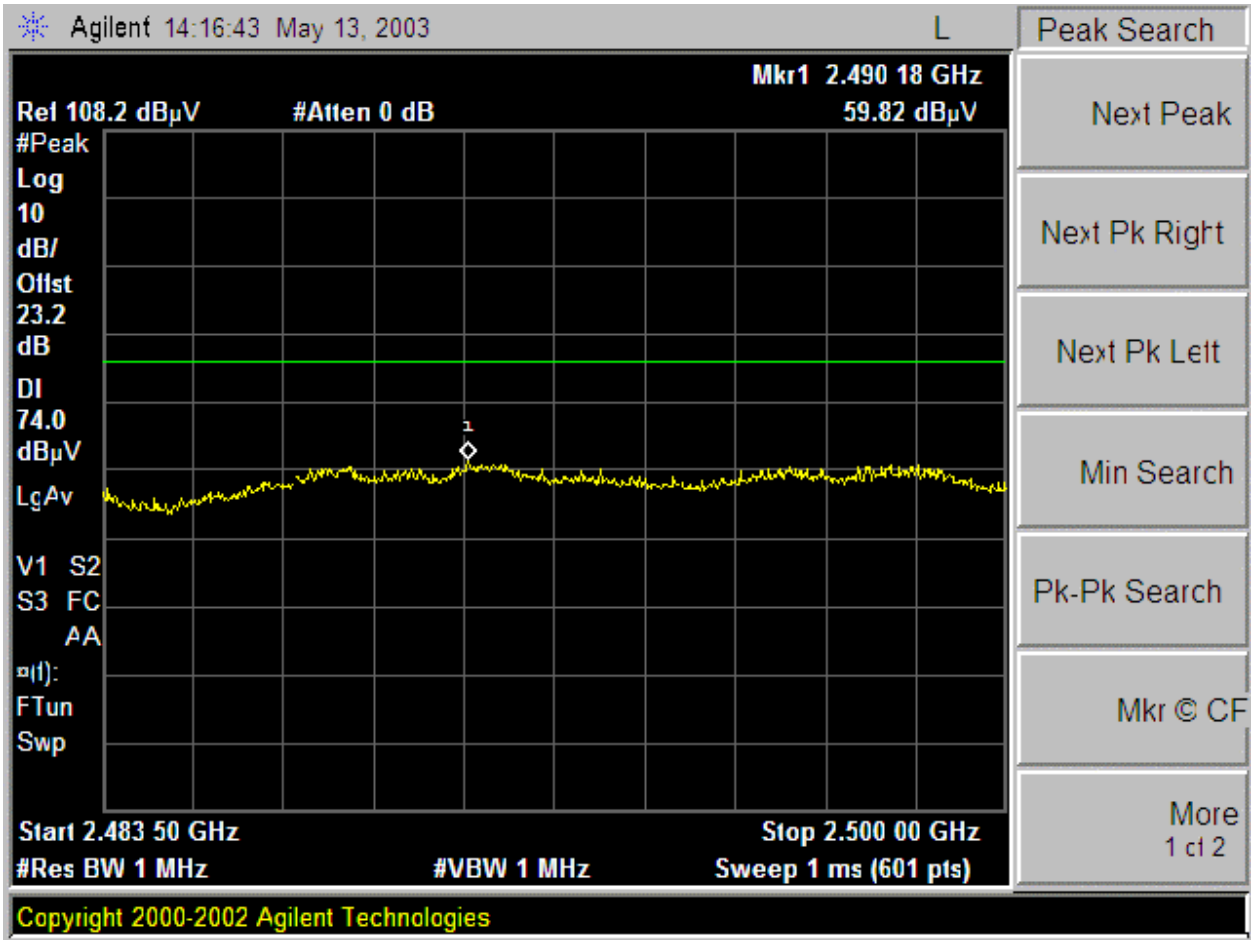


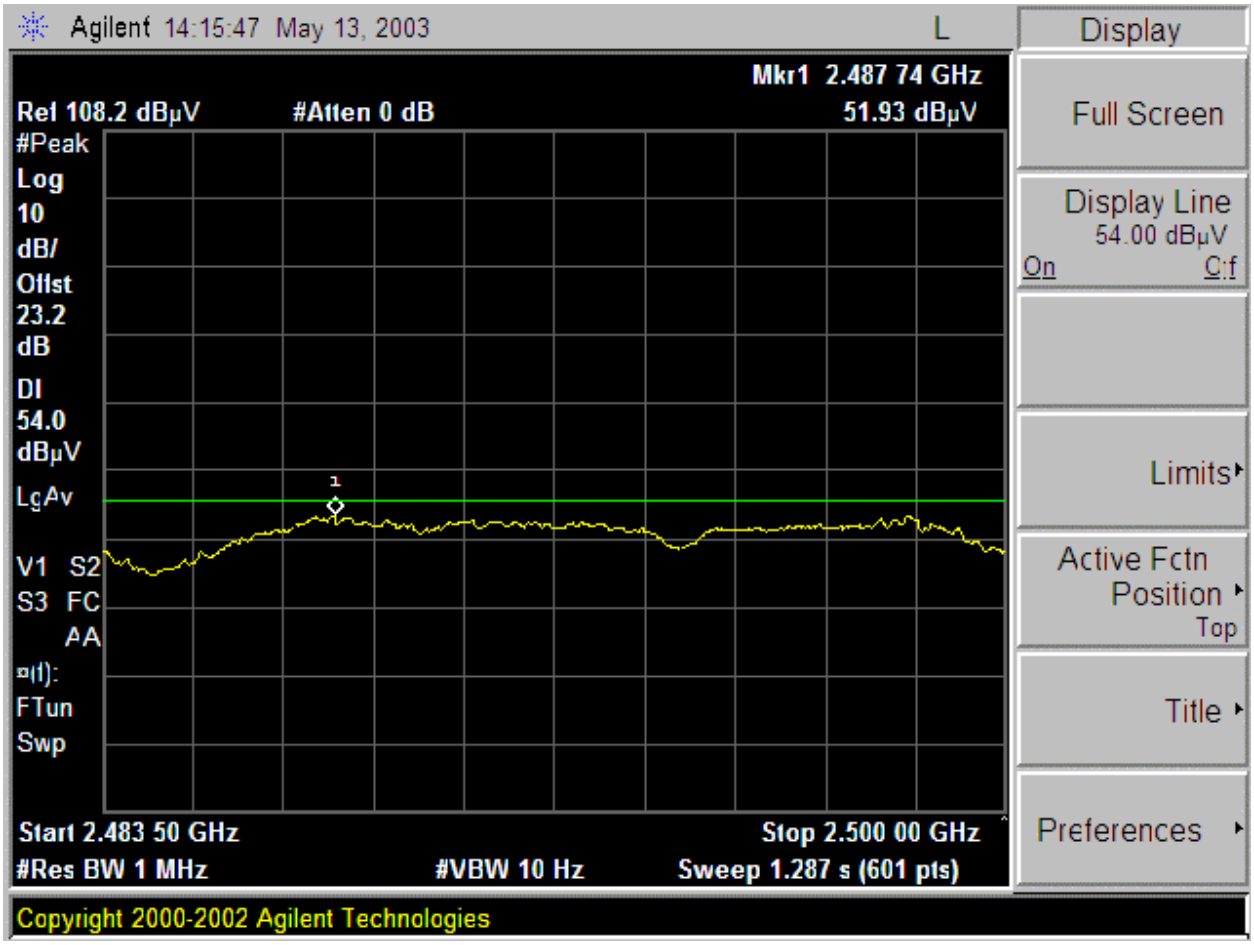
ADJACENT RESTRICTED BAND (b MODE, HIGH CHANNEL, HORIZONTAL)





ADJACENT RESTRICTED BAND (b MODE, HIGH CHANNEL, VERTICAL)





HARMONIC AND SPURIOUS RADIATED EMISSIONS (2.4 GHZ BAND)

05/13/03 High Frequency Measurement
Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: NEELESH RAJ
Project #: 03U1984
Company: TRAPEZE NETWORKS
EUT Descrip.: ACCESS POINT DUAL MODE 2.4GHz/5GHz
EUT M/N: MOBILITY POINT 100/101/122
Test Target: FCC
Mode Oper: TX

Test Equipment:

EMCO Horn 1-18GHz	Pre-amplifer 1-26GHz	Spectrum Analyzer	Horn > 18GHz	Limit
T60; S/N: 2238 @3m	T86 Miteq 924341	psa	T87; ARA 18-26GHz; S/N:1049	FCC 15.205

Hi Frequency Cables: ☐ (2 ft) ☑ (2 ~ 3 ft) ☐ (4 ~ 6 ft) ☑ (12 ft)

Peak Measurements: 1 MHz Resolution Bandwidth, 1MHz Video Bandwidth
Average Measurements: 1 MHz Resolution Bandwidth, 10Hz Video Bandwidth

f GHz	Dist feet	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	HPF	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes
		low channel harmonics													
4.824	9.8	63.2	59.9	33.1	2.9	-45.6	0.0	1.0	54.6	51.3	74.0	54.0	-19.4	-2.7	V
4.824	9.8	62.3	58.3	33.1	2.9	-45.6	0.0	1.0	53.7	49.7	74.0	54.0	-20.3	-4.3	H
12.060	9.8	48.7	37.0	39.3	5.1	-45.4	0.0	1.0	48.7	37.0	74.0	54.0	-25.3	-17.0	V (noise floor)
12.060	9.8	49.0	37.0	39.3	5.1	-45.4	0.0	1.0	49.0	37.0	74.0	54.0	-25.0	-17.0	H (noise floor)
		middle channel harmonics													
4.874	9.8	60.4	56.9	33.1	3.0	-45.6	0.0	1.0	51.9	48.3	74.0	54.0	-22.1	-5.7	V
4.874	9.8	57.1	51.4	33.1	3.0	-45.6	0.0	1.0	48.5	42.9	74.0	54.0	-25.5	-11.1	H
7.309	9.8	57.3	49.6	36.2	3.8	-46.6	0.0	1.0	51.7	44.0	74.0	54.0	-22.3	-10.0	V
7.309	9.8	56.6	49.4	36.2	3.8	-46.6	0.0	1.0	51.0	43.8	74.0	54.0	-23.0	-10.2	H
		high channel harmonics													
4.924	9.8	62.2	60.0	33.2	3.0	-45.7	0.0	1.0	53.7	51.4	74.0	54.0	-20.3	-2.6	V
4.924	9.8	58.2	54.2	33.2	3.0	-45.7	0.0	1.0	49.6	45.6	74.0	54.0	-24.4	-8.4	H
7.385	9.8	55.2	47.1	36.3	3.8	-46.5	0.0	1.0	49.7	41.7	74.0	54.0	-24.3	-12.3	V
7.385	9.8	56.7	50.8	36.3	3.8	-46.5	0.0	1.0	51.2	45.4	74.0	54.0	-22.8	-8.6	H

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

HARMONIC AND SPURIOUS RADIATED EMISSIONS (5.8 GHZ BAND)

05/14/03 High Frequency Measurement
Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: NEELESH RAJ
Project #: 03U1984
Company: TRAPEZE NETWORKS
EUT Descrip.: ACCESS POINT DUAL MODE 2.4GHz/5GHz
EUT M/N: MOBILITY POINT 100/101/122
Test Target: FCC
Mode Oper: TX

Test Equipment:

EMCO Horn 1-18GHz	Pre-amplifer 1-26GHz	Spectrum Analyzer	Horn > 18GHz	Limit
T60; S/N: 2238 @3m	T86 Miteq 924341	psa	T87; ARA 18-26GHz; S/N:1049	FCC 15.205

Hi Frequency Cables: ☐ (2 ft) ☑ (2 ~ 3 ft) ☐ (4 ~ 6 ft) ☑ (12 ft)

Peak Measurements: 1 MHz Resolution Bandwidth, 1MHz Video Bandwidth
Average Measurements: 1 MHz Resolution Bandwidth, 10Hz Video Bandwidth

f GHz	Dist feet	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	HPF	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes
		low channel harmonics													
11.491	9.8	67.0	53.0	38.7	5.0	-44.6	0.0	1.0	67.0	53.0	74.0	54.0	-7.0	-1.0	V
11.491	9.8	65.7	51.2	38.7	5.0	-44.6	0.0	1.0	65.8	51.2	74.0	54.0	-8.2	-2.8	H
		middle channel harmonics													
11.570	9.8	68.6	52.6	38.8	5.0	-44.7	0.0	1.0	68.6	52.7	74.0	54.0	-5.4	-1.3	V
11.570	9.8	66.4	51.4	38.8	5.0	-44.7	0.0	1.0	66.5	51.4	74.0	54.0	-7.5	-2.6	H
		high channel harmonics													
11.611	9.8	67.5	52.4	38.8	5.0	-44.8	0.0	1.0	67.6	52.5	74.0	54.0	-6.4	-1.5	V
11.611	9.8	63.0	48.8	38.8	5.0	-44.8	0.0	1.0	63.0	48.8	74.0	54.0	-11.0	-5.2	H
		spurious low													
5.088	9.8	56.5	50.1	33.3	3.0	-45.8	0.0	1.0	48.1	41.7	74.0	54.0	-25.9	-12.3	V
5.088	9.8	50.0	42.3	33.3	3.0	-45.8	0.0	1.0	41.6	33.9	74.0	54.0	-32.4	-20.1	H
		spurious middle													
4.627	9.8	55.1	51.3	33.0	2.9	-45.4	0.0	1.0	46.5	42.7	74.0	54.0	-27.5	-11.3	V
4.627	9.8	55.2	51.4	33.0	2.9	-45.4	0.0	1.0	46.6	42.8	74.0	54.0	-27.4	-11.2	H
5.150	9.8	54.3	44.2	33.4	3.1	-45.8	0.0	1.0	45.9	35.8	74.0	54.0	-28.1	-18.2	V
5.150	9.8	47.3	38.0	33.4	3.1	-45.8	0.0	1.0	38.9	29.6	74.0	54.0	-35.1	-24.4	H
		spurious high													
4.644	9.8	56.3	51.4	33.0	2.9	-45.4	0.0	1.0	47.7	42.8	74.0	54.0	-26.3	-11.2	V
4.644	9.8	55.0	51.2	33.0	2.9	-45.4	0.0	1.0	46.4	42.6	74.0	54.0	-27.6	-11.4	H
5.150	9.8	53.0	43.9	33.4	3.1	-45.8	0.0	1.0	44.6	35.5	74.0	54.0	-29.4	-18.5	V
5.150	9.8	47.0	37.0	33.4	3.1	-45.8	0.0	1.0	38.6	28.6	74.0	54.0	-35.4	-25.4	H

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

CO-LOCATION

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.4. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

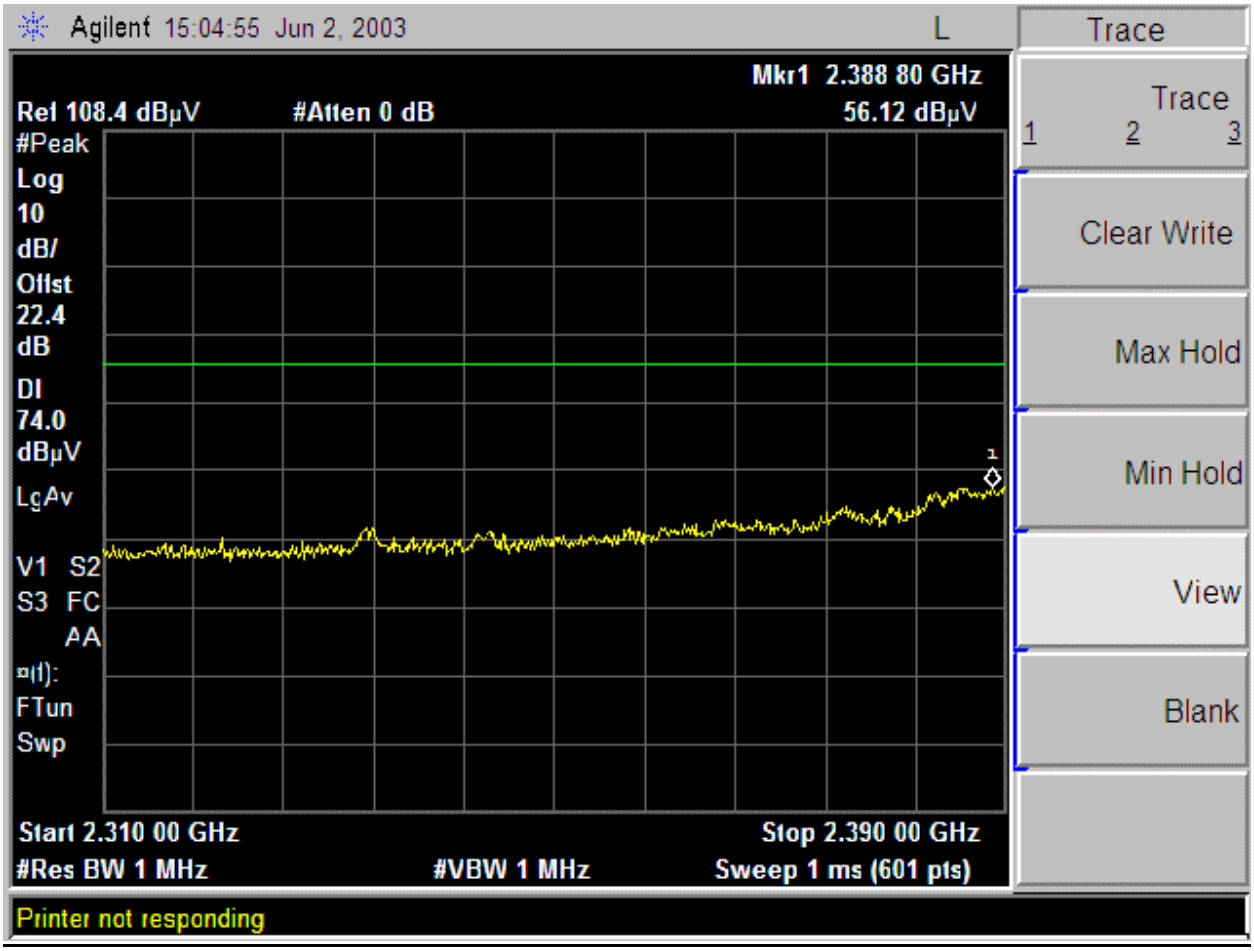
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

The dominant transmitter (2.4 GHz band) is set to the channel with the highest peak output power. The non-dominant transmitter (5.2 GHz and 5.8 GHz) is set to the channel with the highest peak output power in each non-dominant band.

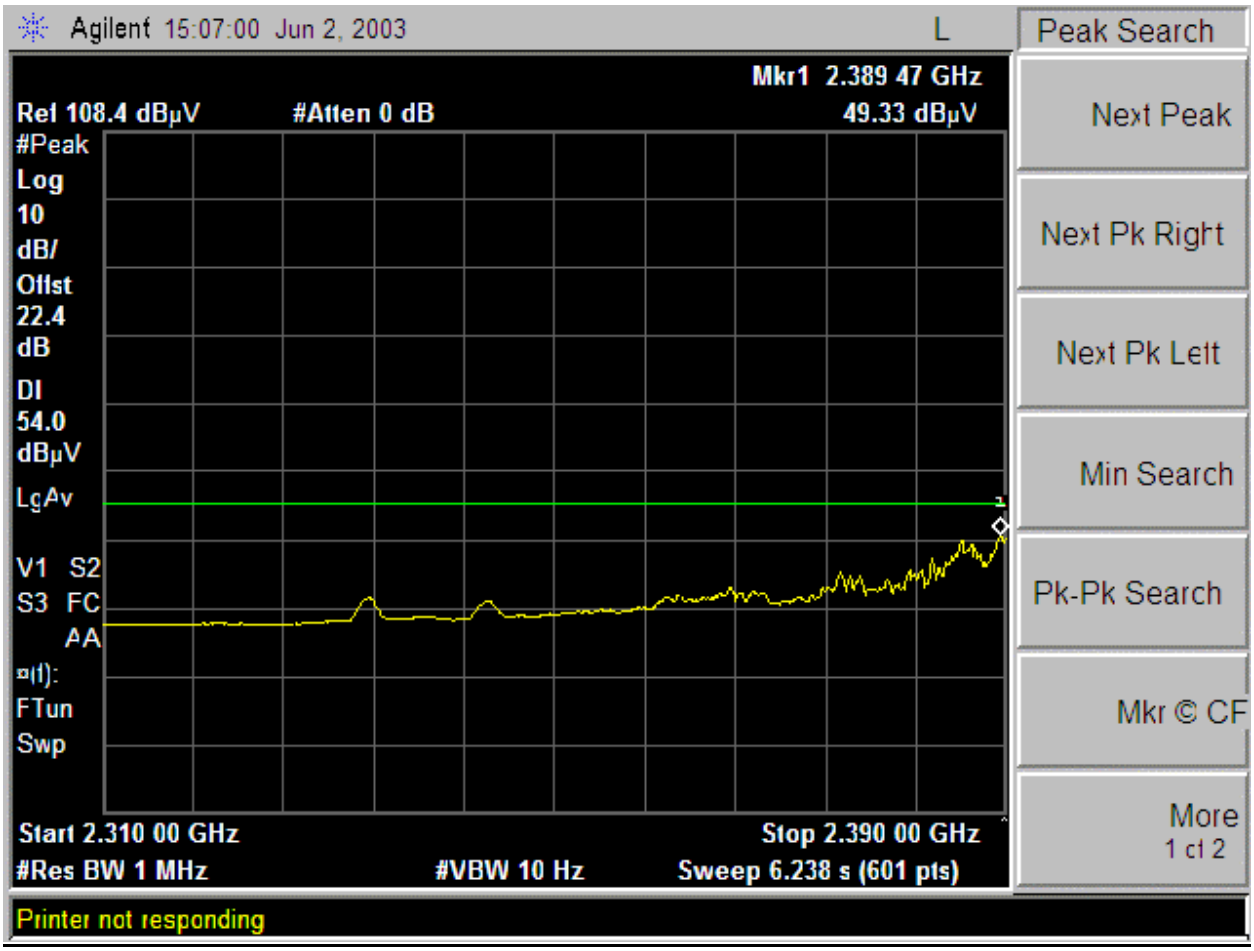
The spurious performance of the dominant transmitter is investigated and measured.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

CO-LOCATION ADJACENT RESTRICTED BAND (LOW CHANNEL, HORIZONTAL)
(HIGHEST POWER CHANNEL OF DOMINANT TRANSMITTER)

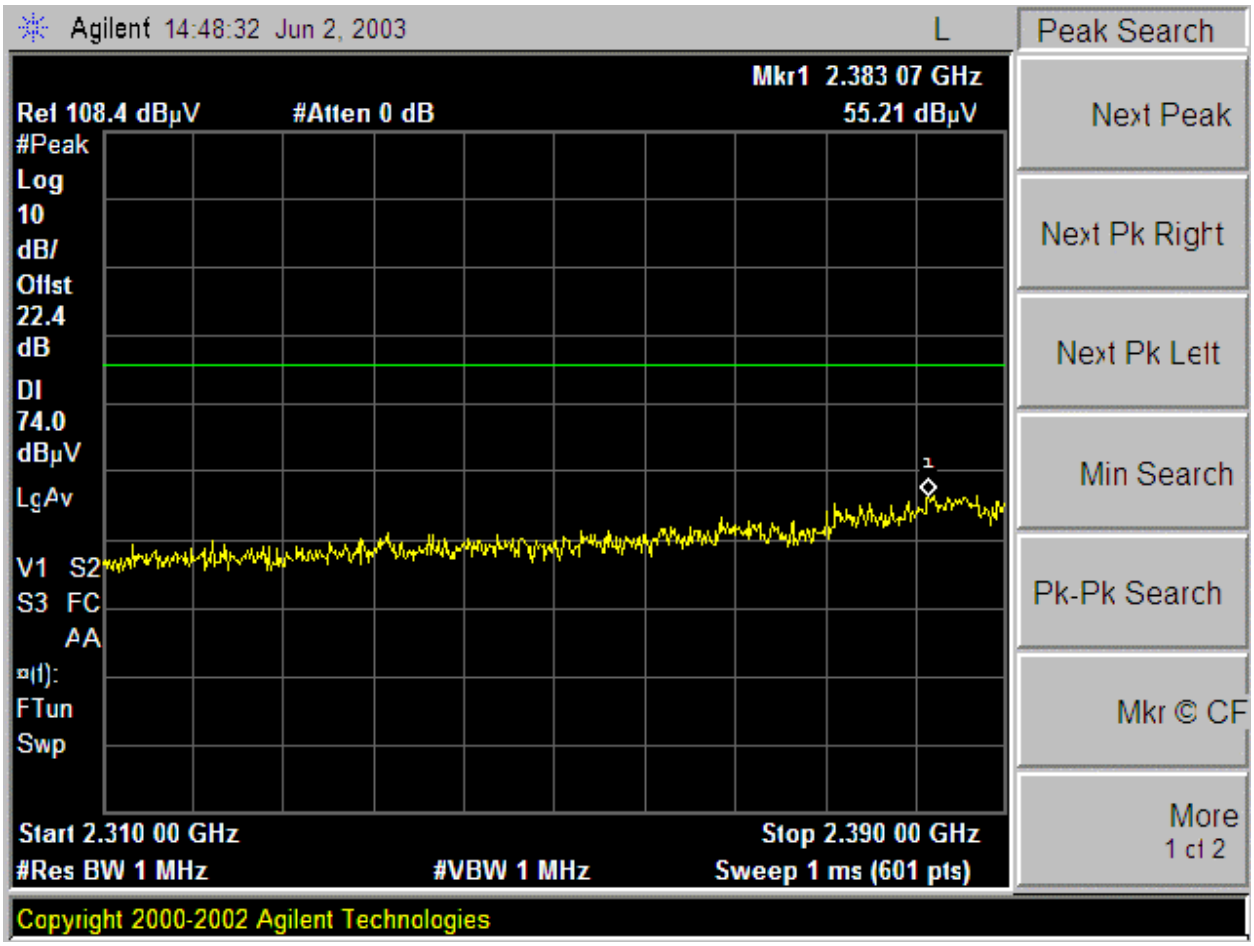


Note: frequency of non-dominant transmitter has no effect on bandedge emissions of dominant transmitter.

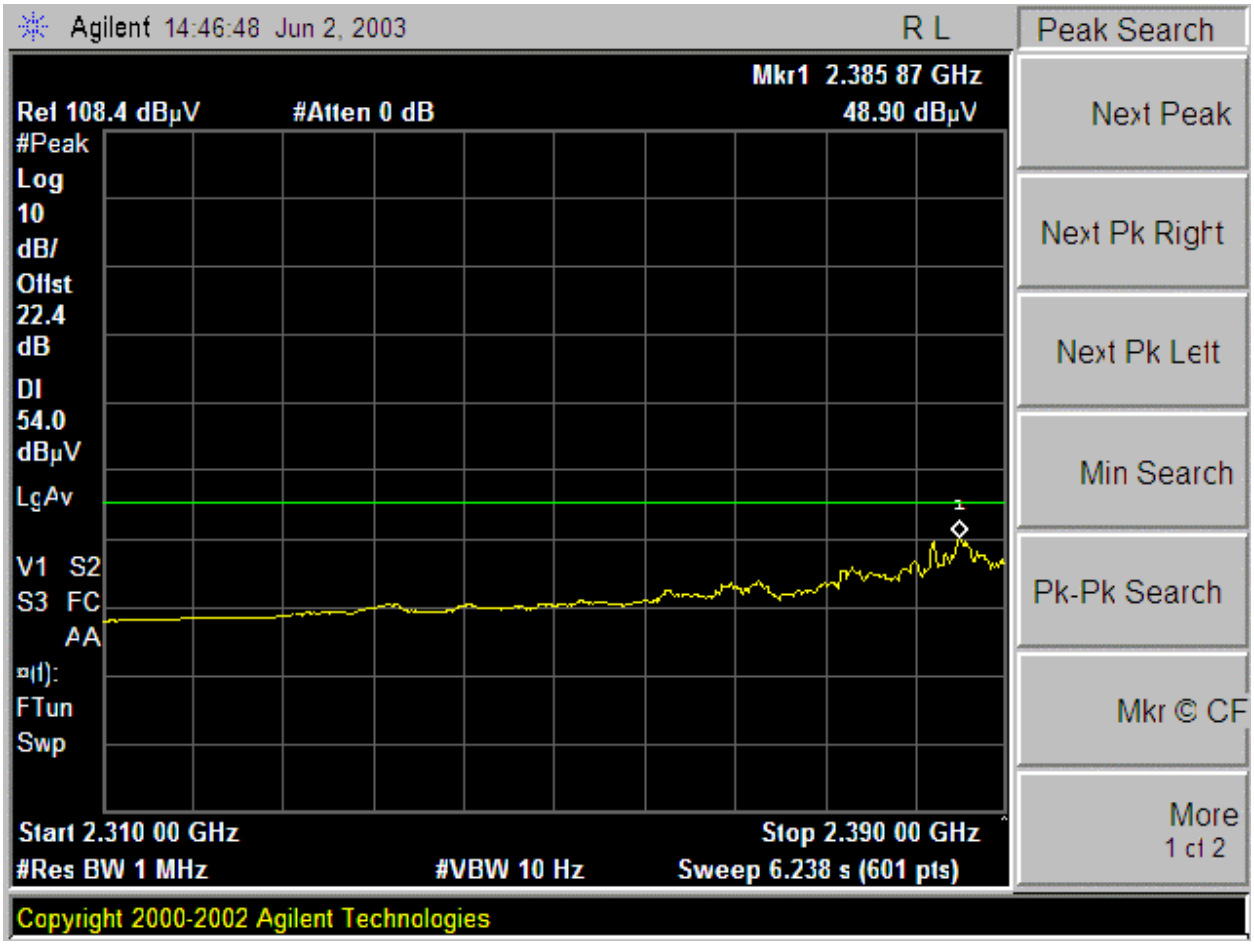


Note: frequency of non-dominant transmitter has no effect on bandedge emissions of dominant transmitter.

CO-LOCATION ADJACENT RESTRICTED BAND (LOW CHANNEL, VERTICAL)
(HIGHEST POWER CHANNEL OF DOMINANT TRANSMITTER)



Note: frequency of non-dominant transmitter has no effect on bandedge emissions of dominant transmitter.



Note: frequency of non-dominant transmitter has no effect on bandedge emissions of dominant transmitter.

HARMONIC AND SPURIOUS RADIATED EMISSIONS (CO LOCATION)

06/02/03 High Frequency Measurement
Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: VIEN TRAN
Project #: 03U1984
Company: TRAPEZE NETWORKS
EUT Descrip.: ACCESS POINT, DUAL MODE 2.4GHz / 5GHz
EUT M/N: MOBILITY POINT 100/101/102
Test Target: FCC
Mode Oper: CO-LOCATION w/ ch 52(5260MHz) and ch157(5785MHz)

Test Equipment:

EMCO Horn 1-18GHz	Pre-amplifer 1-26GHz	Spectrum Analyzer	Horn > 18GHz	Limit
T59; S/N: 3245 @3m	T34 HP 8449B	PSA		FCC 15.205

Hi Frequency Cables: ☐ (2 ft) ☐ (2 ~ 3 ft) ☑ (4 ~ 6 ft) ☑ (12 ft)

Peak Measurements: 1 MHz Resolution Bandwidth, 1MHz Video Bandwidth
Average Measurements: 1 MHz Resolution Bandwidth, 10Hz Video Bandwidth

f GHz	Dist feet	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	HPF	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes
	TRANSMIT ON 2412MHZ														
4.824	9.8	54.5	51.3	33.1	0.9	-34.6	0.0	1.0	54.9	51.7	74.0	54.0	-19.1	-2.3	V
4.824	9.8	52.9	50.1	33.1	0.9	-34.6	0.0	1.0	53.3	50.5	74.0	54.0	-20.7	-3.5	H
TRANSMIT ON 2412MHZ AND 5260MHZ															
4.824	9.8	53.6	51.2	33.1	0.9	-34.6	0.0	1.0	54.0	51.6	74.0	54.0	-20.0	-2.4	H
4.824	9.8	53.3	50.6	33.1	0.9	-34.6	0.0	1.0	53.7	51.0	74.0	54.0	-20.3	-3.0	V
TRANSMIT ON 2412MHZ AND 5785MHZ															
4.824	9.8	53.1	50.5	33.1	0.9	-34.6	0.0	1.0	53.5	50.9	74.0	54.0	-20.5	-3.1	H
4.824	9.8	53.0	49.1	33.1	0.9	-34.6	0.0	1.0	53.4	49.5	74.0	54.0	-20.6	-4.5	V

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

SPURIOUS RADIATED EMISSIONS BELOW 1 GHZ (WORST-CASE CONFIGURATION)

No spurious emissions detected above the noise floor below 1GHz.

DIGITAL DEVICE RADIATED EMISSIONS

(vertical)

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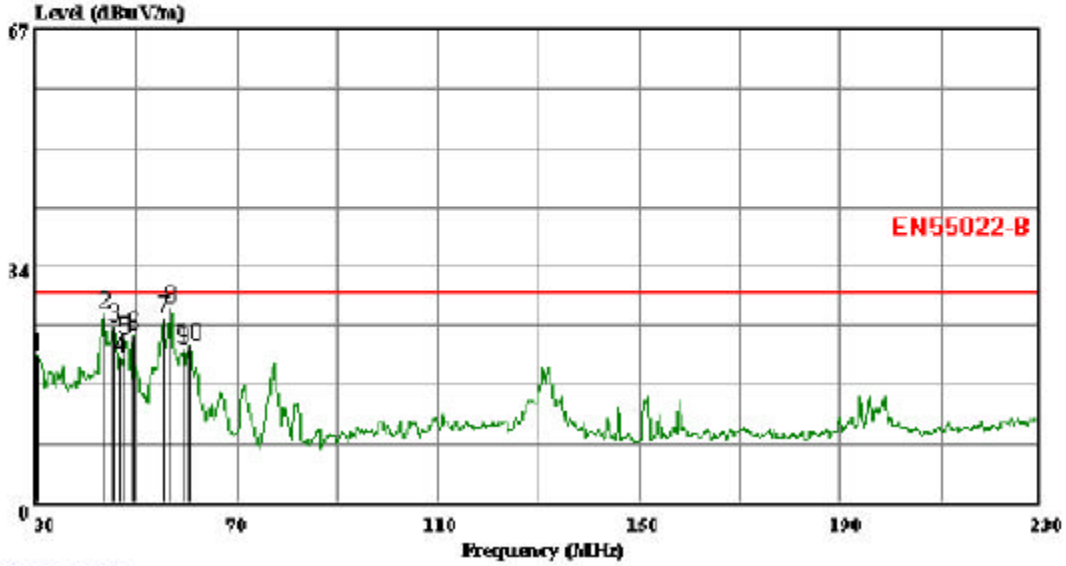
Data#: 29 File#: Run1.emi Date: 05-19-2003 Time: 12:28:58



(Audix ATC)

Trace: 28 Ref Trace:

Condition: EN55022-B 3m CHAMBER 030306 1185 VERTICAL
Company : TRAPEZE NETWORKS
EUT Description : ACCESS POINT, DUAL MODE 2.4/5 GHz
Model Number : MOBILITY POINT 122
Test Configurtion: EUT
Test Target : EN55022-B
Mode of Operation: TX
Project No : 03U1984-2

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	30.400	3.37	16.99	0.55	0.00	20.91	30.00	-9.09	Peak
2	43.800	10.01	16.02	0.64	0.00	26.67	30.00	-3.33	Peak
3	45.400	8.40	15.80	0.65	0.00	24.86	30.00	-5.14	Peak
4	46.800	4.54	15.45	0.66	0.00	20.65	30.00	-9.35	Peak
5	47.800	7.38	15.22	0.66	0.00	23.26	30.00	-6.74	Peak
6	49.400	8.15	14.87	0.67	0.00	23.69	30.00	-6.31	Peak
7	55.400	12.64	12.75	0.71	0.00	26.10	30.00	-3.90	Peak
8	56.800	14.55	12.27	0.74	0.00	27.55	30.00	-2.45	Peak
9	59.400	9.52	11.38	0.74	0.00	21.64	30.00	-8.36	Peak
10	60.800	10.77	10.91	0.72	0.00	22.40	30.00	-7.60	Peak

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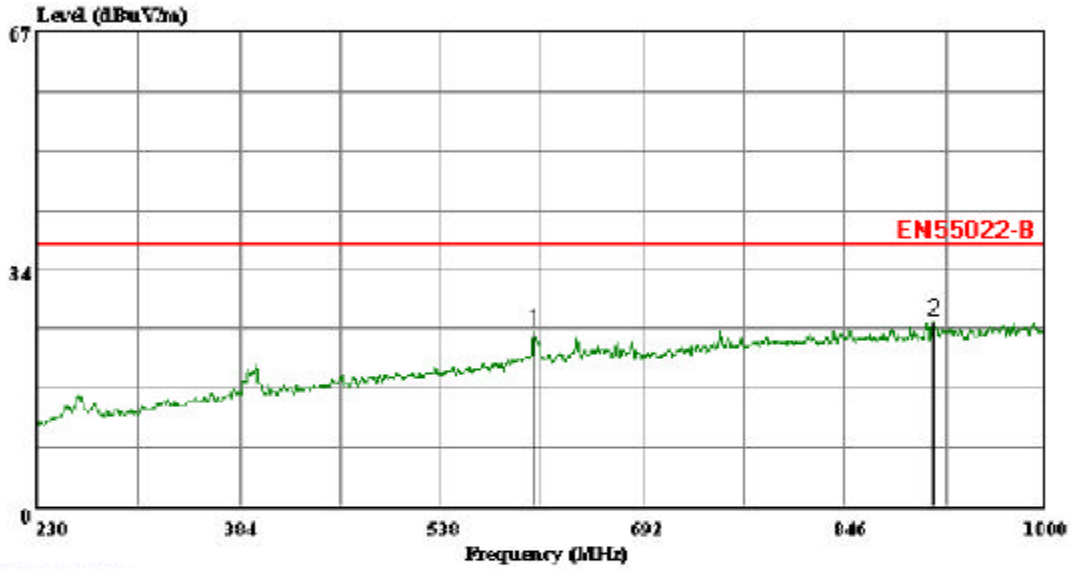
Data#: 27 File#: Run1.emi Date: 05-19-2003 Time: 12:22:50



(Audix ATC)

Trace: 26 Ref Trace:

Condition: EN55022-B 3m CHAMBER 030306 1185 VERTICAL
Company : TRAPEZE NETWORKS
EUT Description : ACCESS POINT, DUAL MODE 2.4/5 GHz
Model Number : MOBILITY POINT 122
Test Configurtion: EUT
Test Target : EN55022-B
Mode of Operation: TX
Project No : 03U1984-2

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	608.840	4.39	17.76	2.54	0.00	24.70	37.00	-12.30	Peak
2	912.990	2.06	20.67	3.25	0.00	25.97	37.00	-11.03	Peak

(horizontal)

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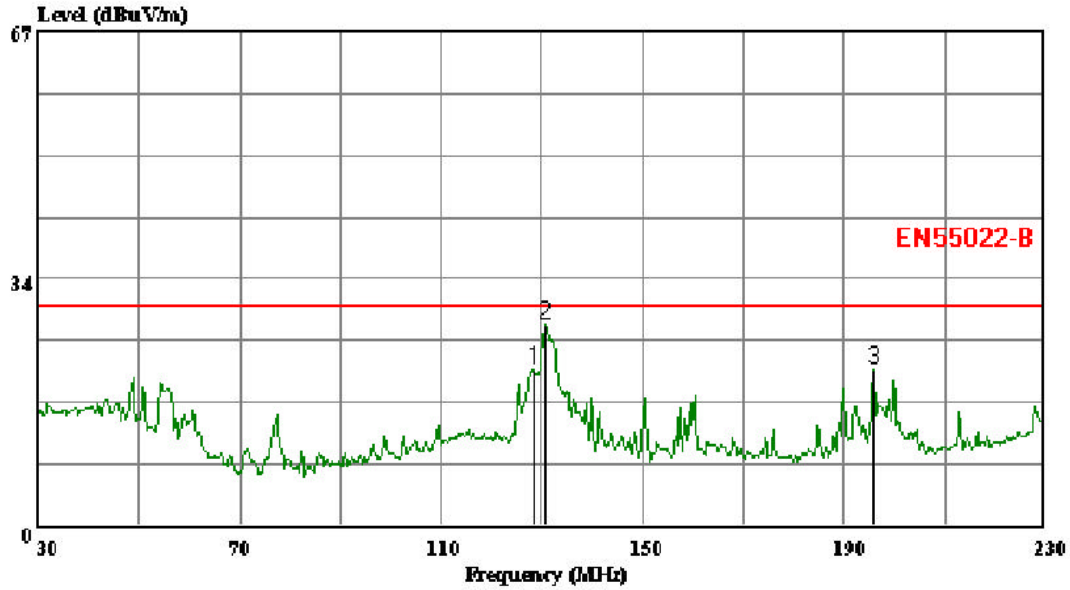
Data#: 23 File#: Run1.emi Date: 05-19-2003 Time: 12:06:57



(Audix ATC)

Trace: 22 Ref Trace:

Condition: EN55022-B 3m CHAMBER 030306 1185 HORIZONTAL
Company : TRAPEZE NETWORKS
EUT Description : ACCESS POINT, DUAL MODE 2.4/5 GHz
Model Number : MOBILITY POINT 122
Test Configurtion: EUT
Test Target : EN55022-B
Mode of Operation: TX
Project No : 03U1984-2
:
:

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	128.400	10.46	9.80	1.05	0.00	21.32	30.00	-8.68	Peak
2	130.800	16.56	9.59	1.08	0.00	27.23	30.00	-2.77	Peak
3	195.800	10.81	9.12	1.36	0.00	21.29	30.00	-8.71	Peak

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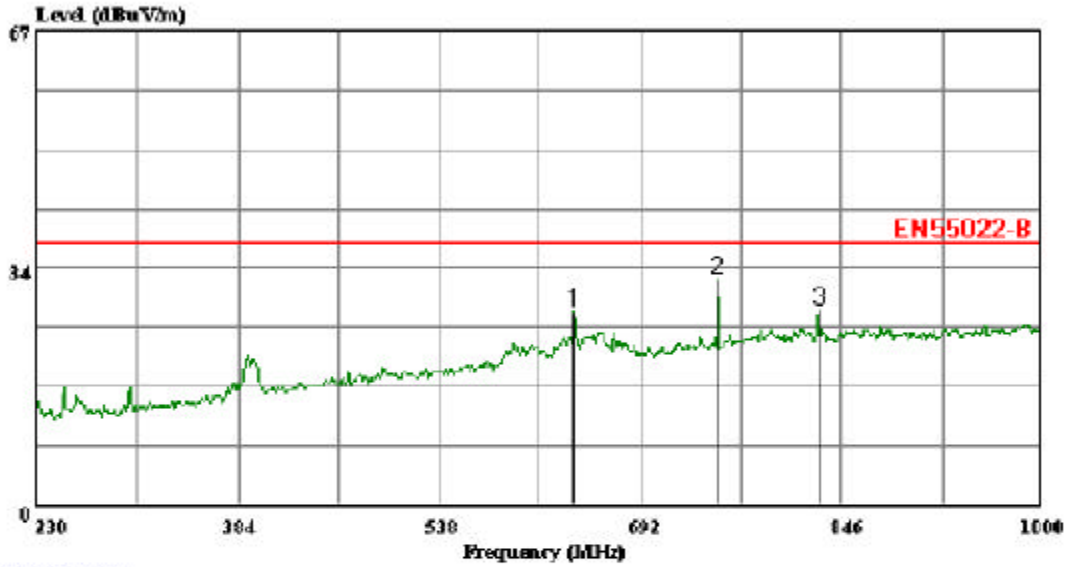
Data#: 25 File#: Run1.emi Date: 05-19-2003 Time: 12:13:35



(Audix ATC)

Trace: 24 Ref Trace:

Condition: EN55022-B 3m CHAMBER 030306 1185 HORIZONTAL
Company : TRAPEZE NETWORKS
EUT Description : ACCESS POINT, DUAL MODE 2.4/5 GHz
Model Number : MOBILITY POINT 122
Test Configurtion: EUT
Test Target : EN55022-B
Mode of Operation: TX
Project No : 03U1984-2
:
:

Page: 1

	Freq	Read Level	Probe Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	641.180	6.49	18.06	2.71	0.00	27.26	37.00	-9.74	Peak
2	751.290	9.76	19.22	2.91	0.00	31.89	37.00	-5.11	Peak
3	828.290	4.37	20.02	3.03	0.00	27.42	37.00	-9.58	Peak

7.7. POWERLINE CONDUCTED EMISSIONS

LIMIT

§15.207 (a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 µH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

The lower limit applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane.

The EUT is configured in accordance with ANSI C63.4.

The resolution bandwidth is set to 9 kHz for both peak detection and quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

No non-compliance noted:

CONDUCTED EMISSIONS DATA (115VAC 60Hz)

Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.42	48.45	--	38.72	0.00	58.37	48.37	-9.92	-9.65	L1
3.74	47.00	--	23.47	0.00	56.00	46.00	-9.00	-22.53	L1
0.69	46.72	--	33.92	0.00	56.00	46.00	-9.28	-12.08	L1
0.69	45.40	--	32.31	0.00	56.00	46.00	-10.60	-13.69	L2
4.92	45.86	--	21.37	0.00	56.00	46.00	-10.14	-24.63	L2
0.42	47.22	--	38.55	0.00	58.31	48.31	-11.09	-9.76	L2
6 Worst Data									

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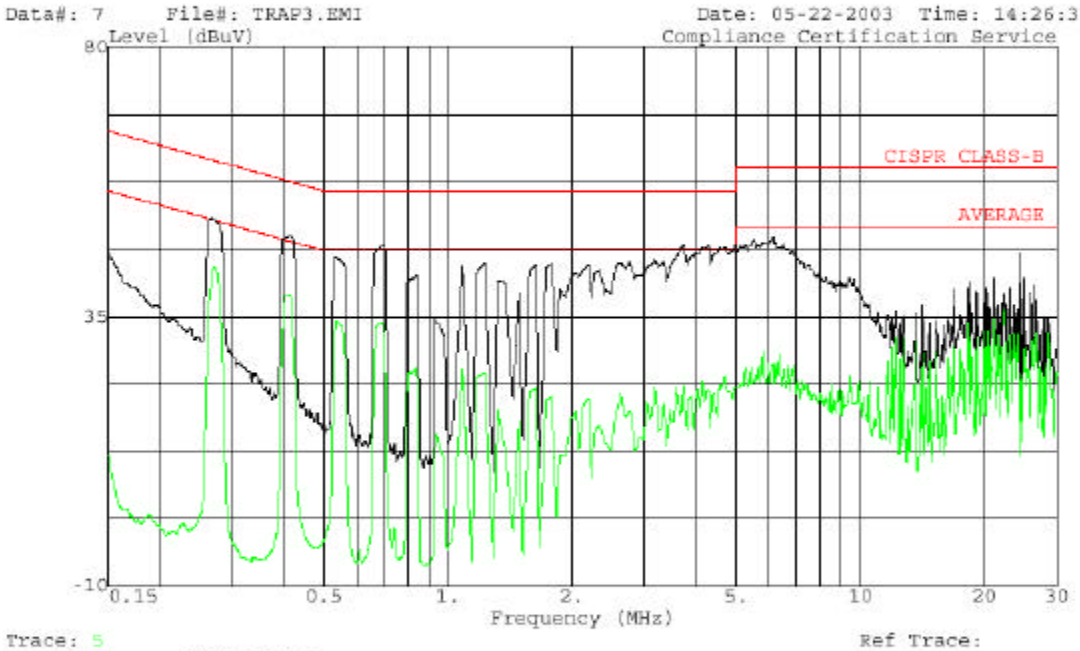

Trace: 5 Ref Trace:
Project # : 03u1984-4
Test Engineer : NEELESH RAJ
Company : TRAPEZE NETWORKS
EUT : ACCESS POINT, DUAL MODE
Model : MOBILITY POINT 122
Configuration : EUT / AC ADAPTER
Target of Test: CISPR-B
: 115VAC/60Hz
: LINE 1 (PEAK;BLACK AVG;GREEN)

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