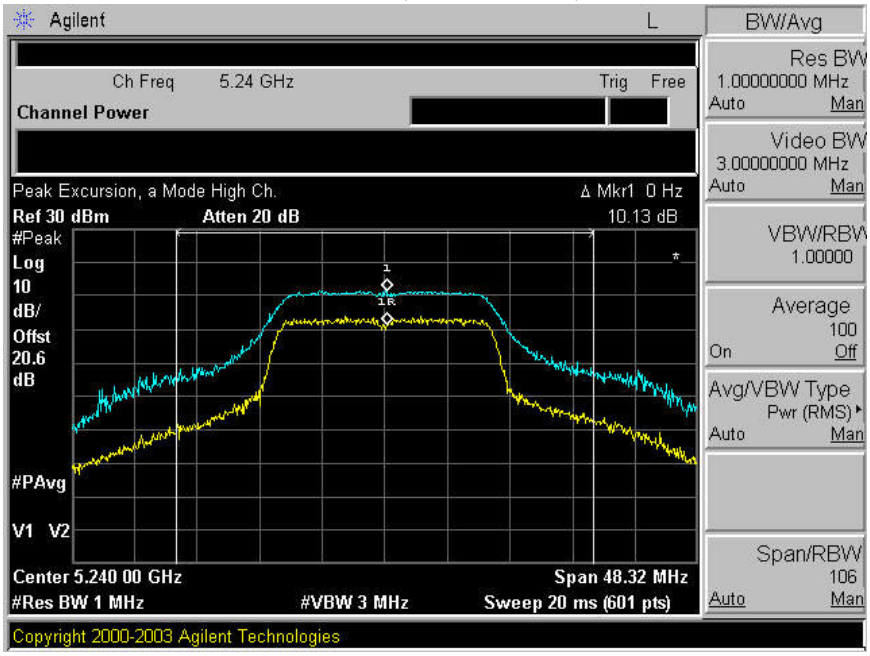
PEAK EXCURSION HIGH CH (802.11a mode)



7.1.7. CONDUCTED SPURIOUS EMISSIONS

LIMITS

§15.407 (b) (1 & 2) For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27dBm / MHz.

TEST PROCEDURE

Conducted RF measurements of the transmitter output are made to confirm that the EUT antenna port conducted emissions meet the specified limit and to identify any spurious signals that require further investigation or measurements on the radiated emissions site.

The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to 1 MHz. The video bandwidth is set to 1 MHz. Peak detection measurements are compared to the average EIRP limit, adjusted for the maximum antenna gain. If necessary, additional average detection measurements are made.

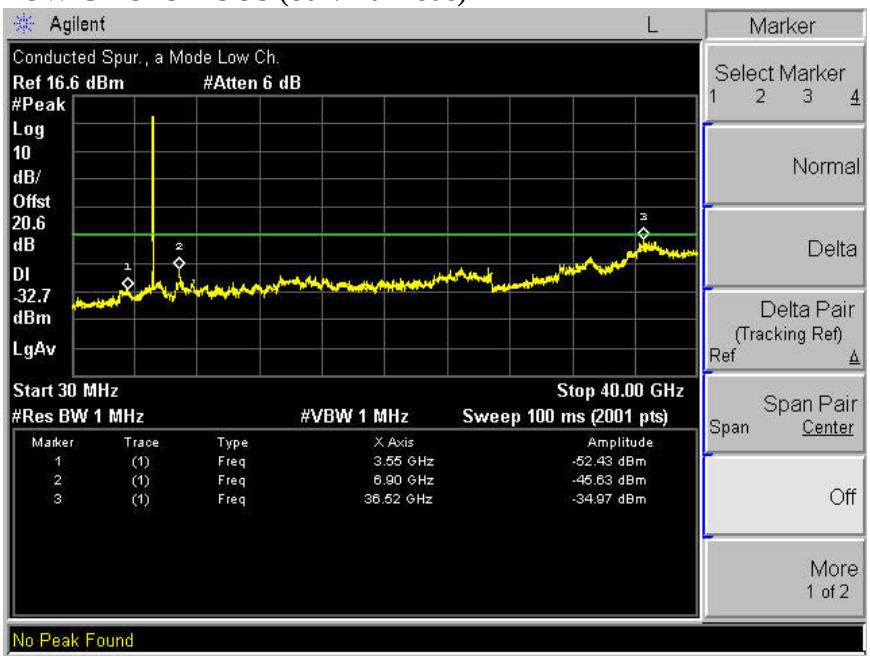
Measurements are made over the 30 MHz to 40 GHz range with the transmitter set to the lowest, middle, and highest channels.

RESULTS

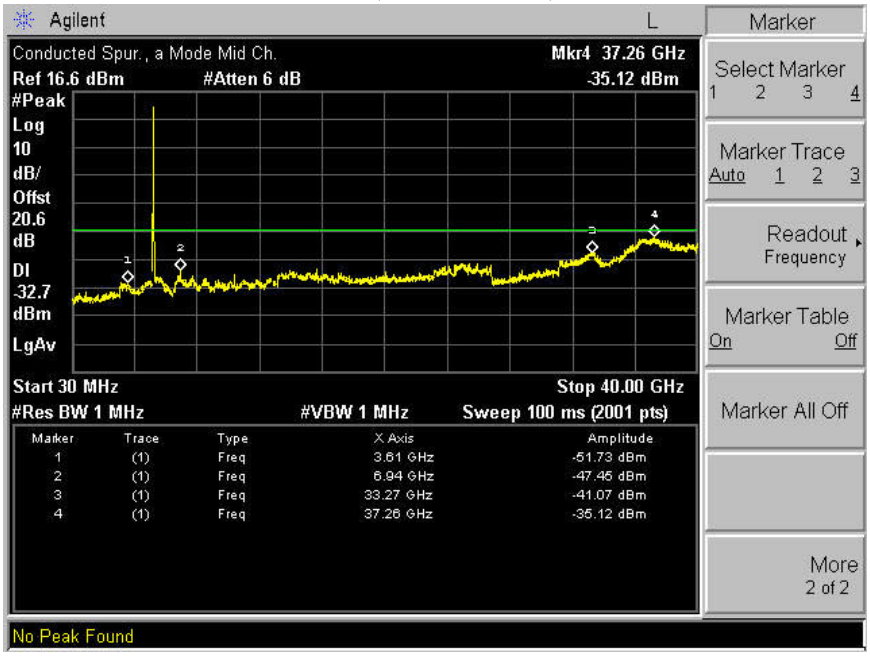
No non-compliance noted:

SPURIOUS EMISSIONS (802.11a MODE)

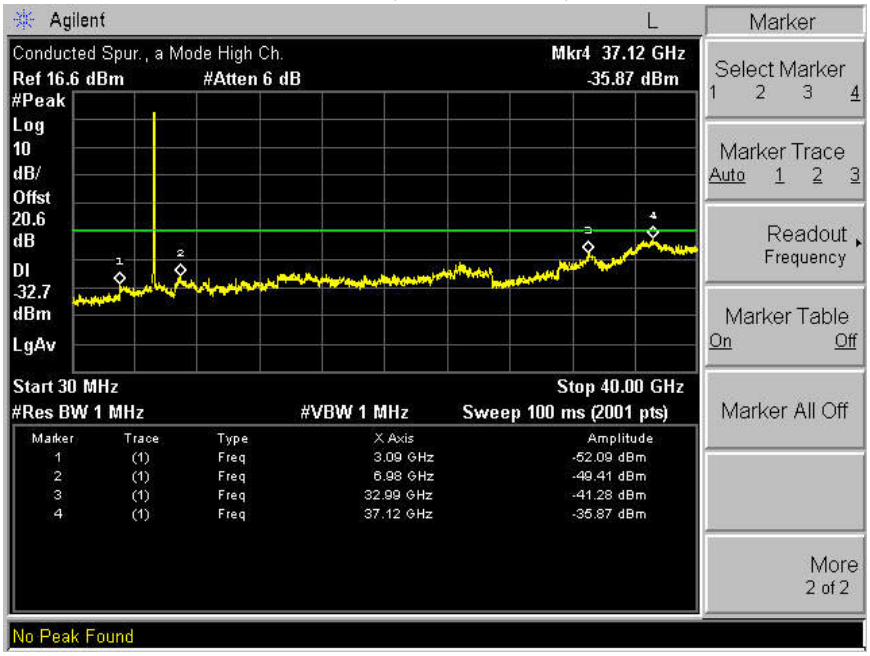
LOW CH SPURIOUS (802.11a mode)



MID CHANNEL SPURIOUS (802.11a mode)



HIGH CHANNEL SPURIOUS (802.11a mode)



7.2. RADIATED EMISSIONS

7.2.1. TRANSMITTER RADIATED SPURIOUS 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.

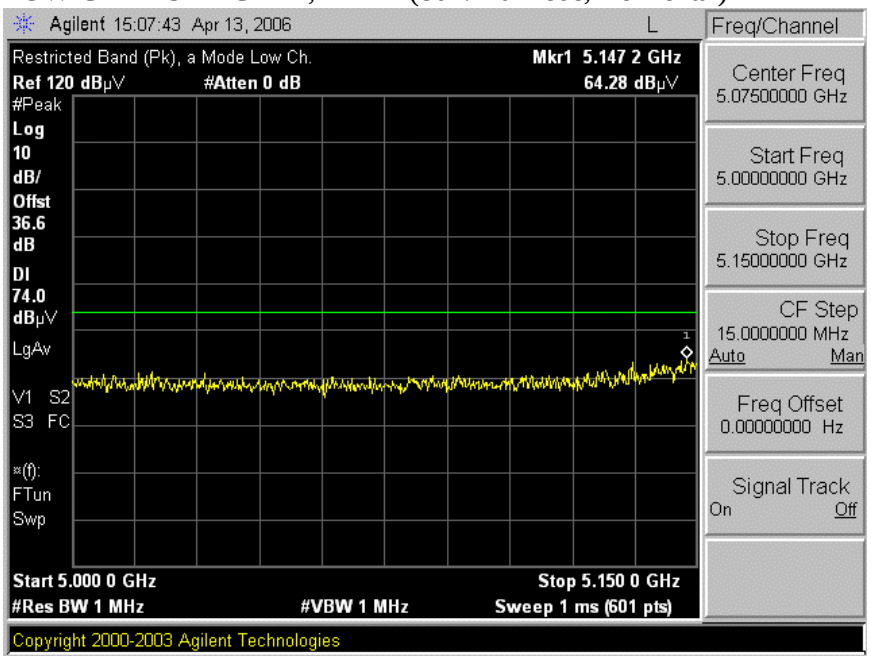
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each band.

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.

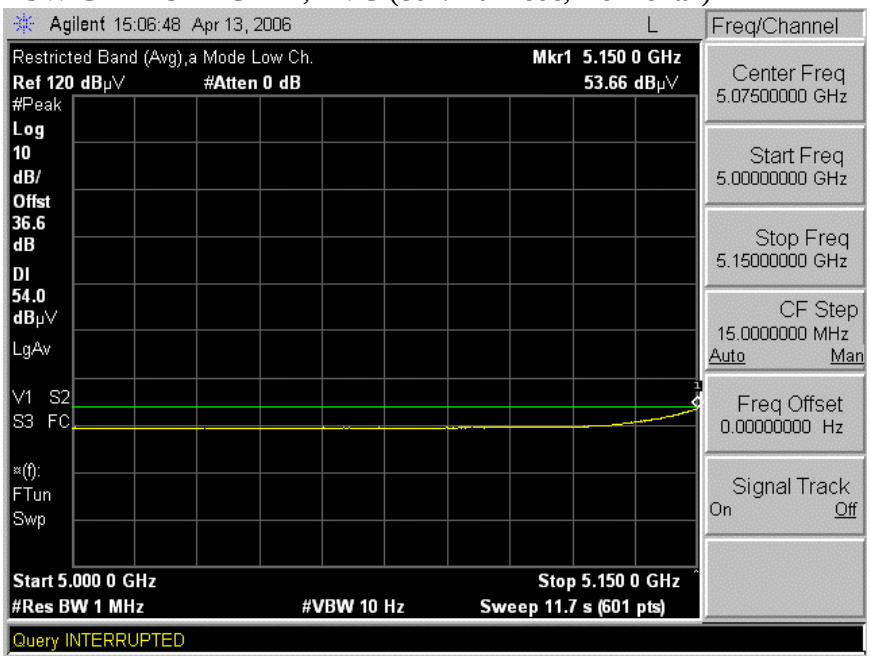
7.2.2. TRANSMITTER ABOVE 1 GHz FOR THE 5150 TO 5250 MHz BAND – WITH ANTENNA TMM1260

RESTRICTED BANDEDGE (a MODE, LOW CHANNEL, HORIZONTAL)

LOW CH RESTRICTED, PEAK (802.11a mode, Horizontal)

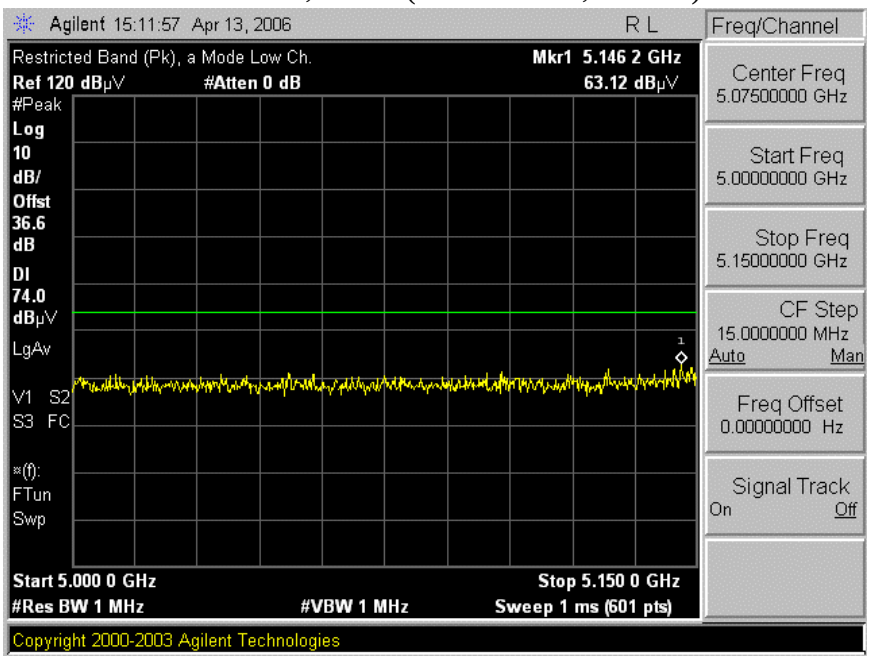


LOW CH RESTRICTED, AVG (802.11a mode, Horizontal)

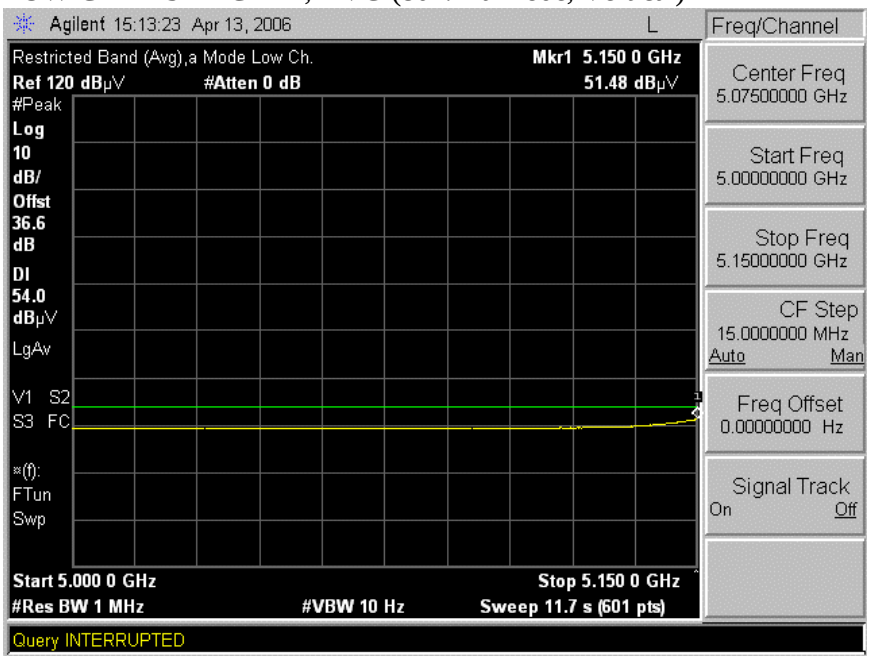


RESTRICTED BANDEDGE (a MODE, LOW CHANNEL, VERTICAL)

LOW CH RESTRICTED, PEAK (802.11a mode, Vertical)

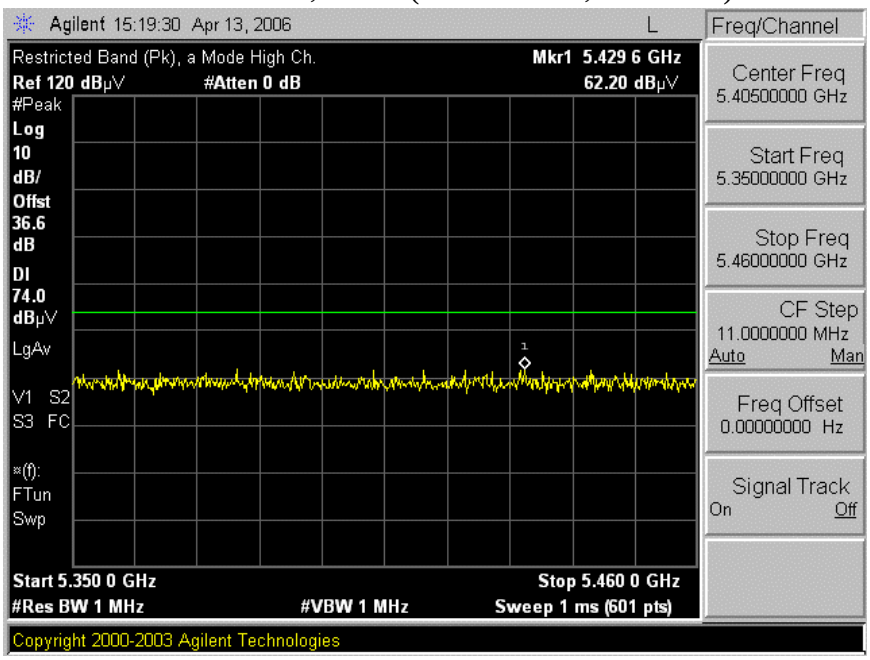


LOW CH RESTRICTED, AVG (802.11a mode, Vertical)

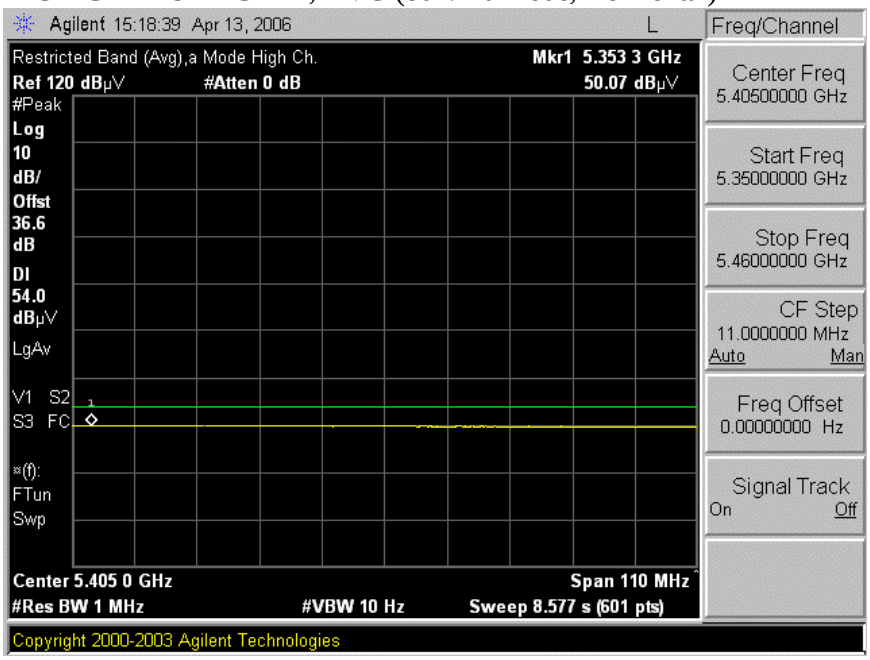


RESTRICTED BANDEDGE (a MODE, HIGH CHANNEL, HORIZONTAL)

HIGH CH RESTRICTED, PEAK (802.11a mode, Horizontal)

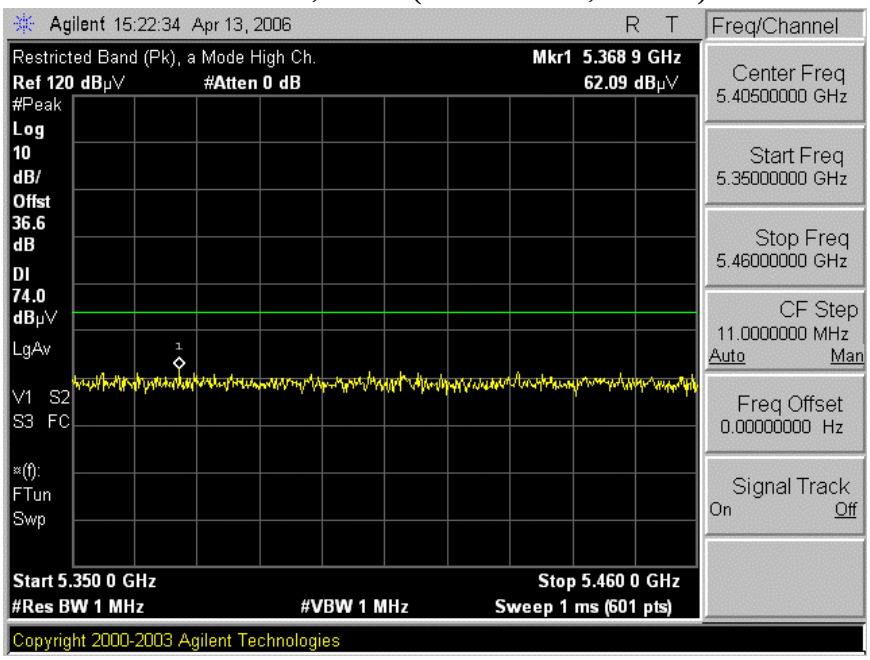


HIGH CH RESTRICTED, AVG (802.11a mode, Horizontal)

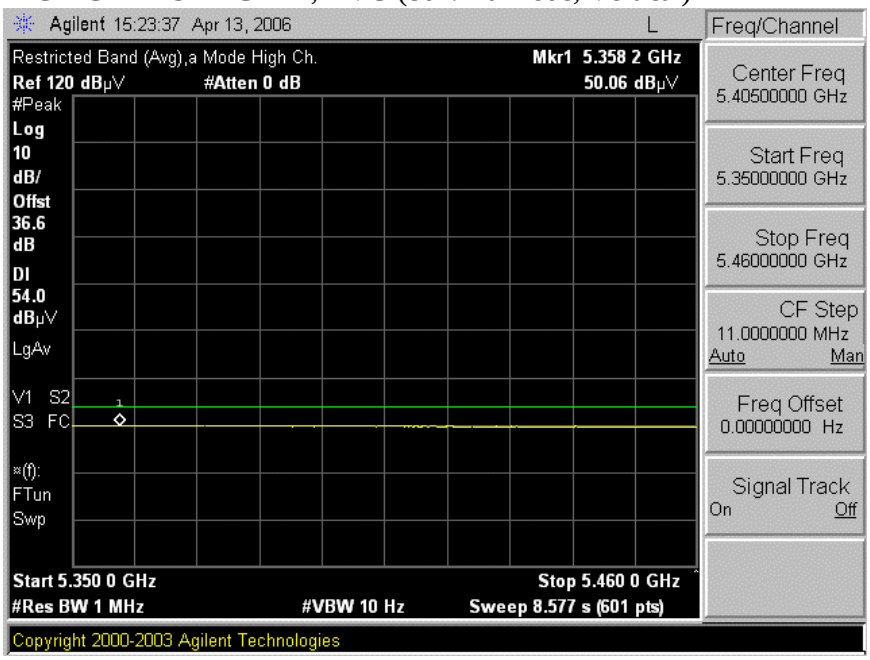


RESTRICTED BANDEDGE (a MODE, HIGH CHANNEL, VERTICAL)

HIGH CH RESTRICTED, PEAK (802.11a mode, Vertical)



HIGH CH RESTRICTED, AVG (802.11a mode, Vertical)



HARMONICS AND SPURIOUS EMISSIONS (a MODE)

04/13/06 **High Frequency Measurement**
Compliance Certification Services, Morgan Hill Open Field Site

Test Engineer: Thanh Nguyen
Project #: 06U10177-2
Company:HONDA R&D Co. LTD
EUT Description: WIRELESS STATION
Test Target: FCC Part 15.407
Mode Of Operation: Transmit a mode with Antenna 1260

Test Equipment:

Horn 1-18GHz	Pre-amplifer 1-26GHz	Pre-amplifer 26-40GHz	Horn > 18GHz
T119; S/N: 29301 @3m	T144 Miteq 3008A00931		

Hi Frequency Cables

2 foot cable	3 foot cable	12 foot cable	HPF	Reject Filter
Thanh 177079008		Thanh 208946003	HPF_7.6GHz	

Peak Measurements
RBW=VBW=1MHz
Average Measurements
RBW=1MHz ; VBW=10Hz

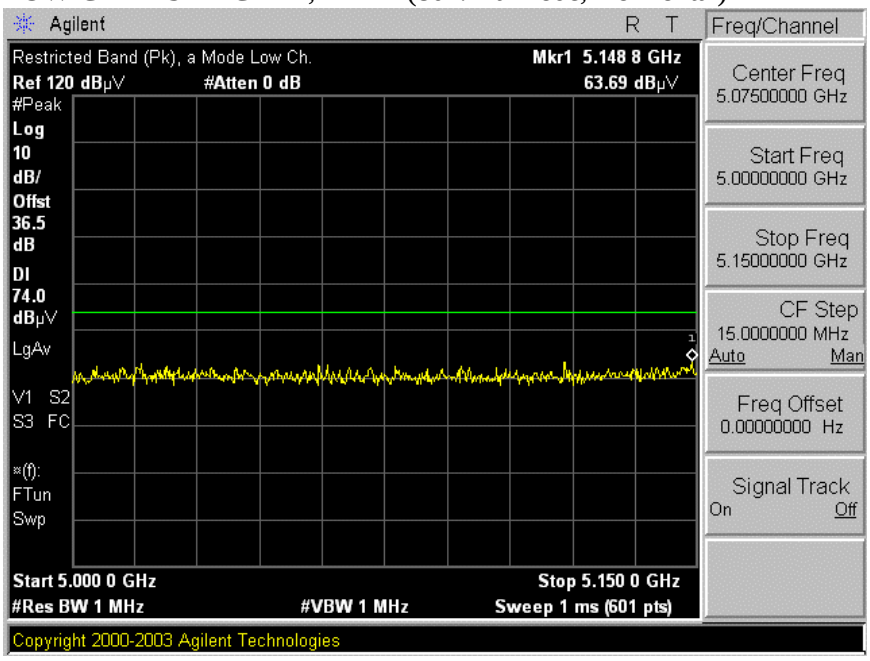
f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fltr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
Tx High Ch , 5240MHz															
10.480	3.0	49.01	37.23	37.6	3.9	-36.7	0.0	0.8	54.6	42.8	74	54	-19.4	-11.2	V
15.720	3.0	54.67	42.39	40.2	4.8	-34.7	0.0	0.7	65.7	53.4	74	54	-8.3	-0.6	V
20.960	3.0	44.63	32.58	33.5	5.8	-35.2	0.0	0.0	48.7	36.7	74	54	-25.3	-17.3	Noise floor
10.480	3.0	49.78	37.47	37.6	3.9	-36.7	0.0	0.8	55.4	43.1	74	54	-18.6	-10.9	H
15.720	3.0	47.94	39.96	40.2	4.8	-34.7	0.0	0.7	59.0	51.0	74	54	-15.0	-3.0	H
20.960	3.0	45.13	32.53	33.5	5.8	-35.2	0.0	0.0	49.2	36.6	74	54	-24.8	-17.4	Noise floor
Tx mid ch 5210MHz															
10.420	3.0	51.39	39.96	37.6	3.9	-36.8	0.0	0.8	56.9	45.5	74	54	-17.1	-8.5	V
15.630	3.0	54.76	43.04	40.2	4.8	-34.8	0.0	0.7	65.7	53.9	74	54	-8.3	-0.1	V
20.840	3.0	44.76	33.35	33.5	5.8	-35.2	0.0	0.0	48.9	37.5	74	54	-25.1	-16.5	Noise floor
10.420	3.0	49.33	36.53	37.6	3.9	-36.8	0.0	0.8	54.9	42.1	74	54	-19.1	-11.9	H
15.630	3.0	49.32	38.63	40.2	4.8	-34.8	0.0	0.7	60.2	49.5	74	54	-13.8	-4.5	H
20.840	3.0	45.75	32.78	33.5	5.8	-35.2	0.0	0.0	49.9	36.9	74	54	-24.1	-17.1	Noise floor
Tx low ch 5180MHz															
10.360	3.0	52.69	39.11	37.6	3.9	-36.8	0.0	0.8	58.2	44.6	74	54	-15.8	-9.4	V
15.540	3.0	49.88	38.30	40.1	4.7	-34.8	0.0	0.7	60.6	49.1	74	54	-13.4	-4.9	V
20.720	3.0	43.44	32.48	33.5	5.8	-35.1	0.0	0.1	47.6	36.7	74	54	-26.4	-17.3	Noise floor
10.360	3.0	49.67	38.59	37.6	3.9	-36.8	0.0	0.8	55.2	44.1	74	54	-18.8	-9.9	H
15.540	3.0	43.50	31.45	40.1	4.7	-34.8	0.0	0.7	54.3	42.2	74	54	-19.7	-11.8	H
20.720	3.0	44.33	32.25	33.5	5.8	-35.1	0.0	0.1	48.5	36.5	74	54	-25.5	-17.5	Noise floor
No other Harmonics emissions were detected above 3rd harmonic															

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		

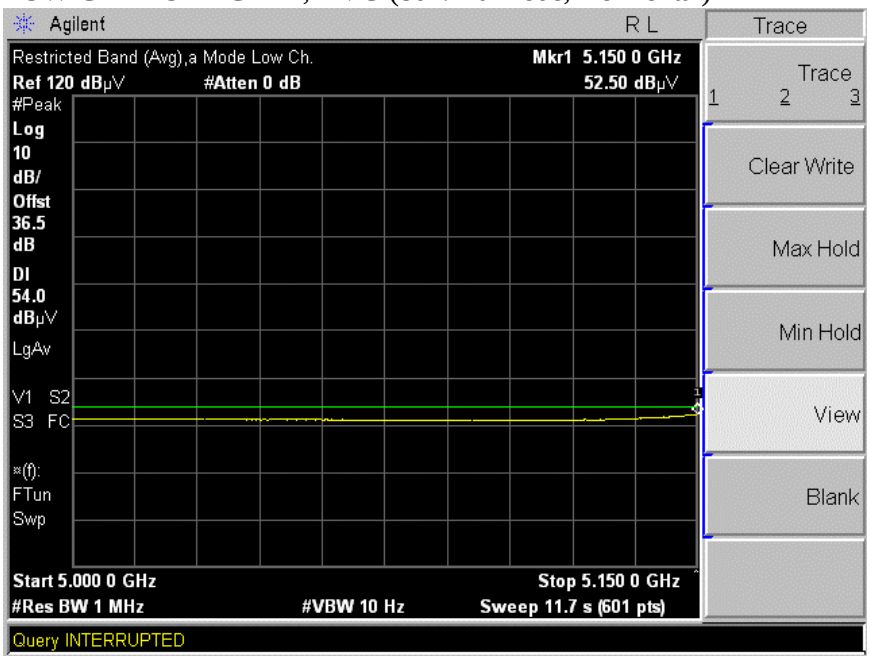
7.2.3. TRANSMITTER ABOVE 1 GHz FOR THE 5150 TO 5250 MHz BAND – WITH ANTENNA TMM1261

RESTRICTED BANDEDGE (a MODE, LOW CHANNEL, HORIZONTAL)

LOW CH RESTRICTED, PEAK (802.11a mode, Horizontal)

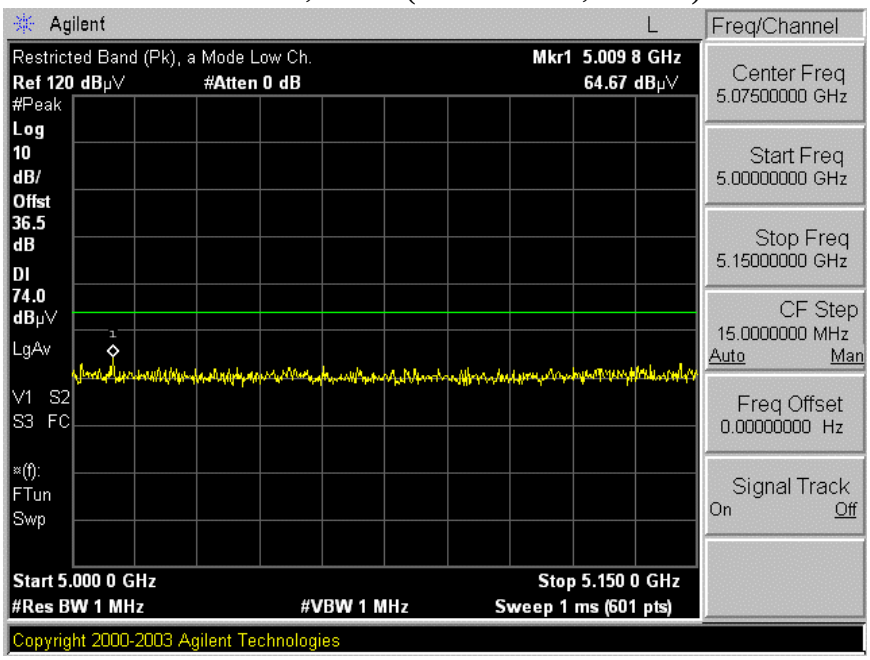


LOW CH RESTRICTED, AVG (802.11a mode, Horizontal)

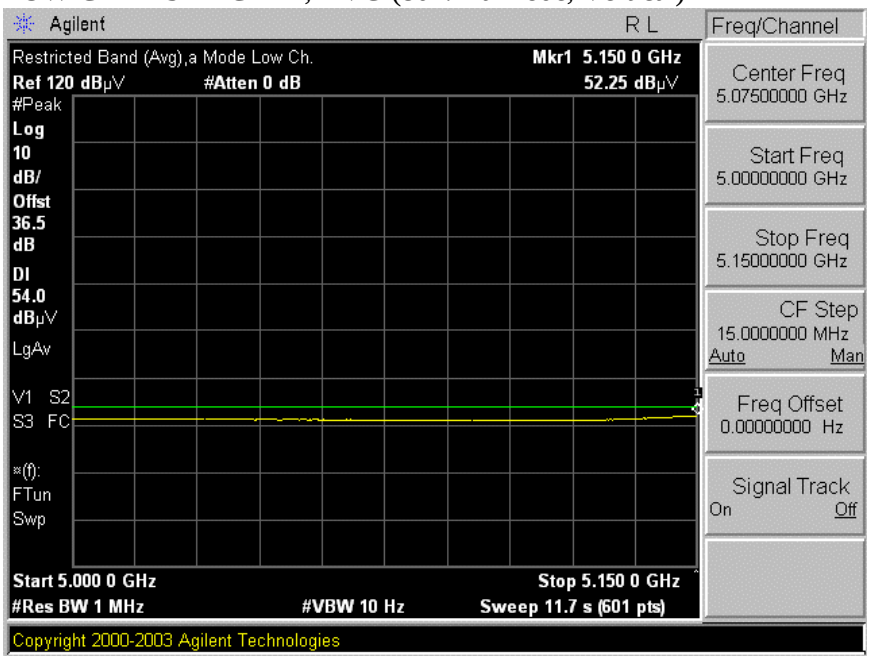


RESTRICTED BANDEDGE (a MODE, LOW CHANNEL, VERTICAL)

LOW CH RESTRICTED, PEAK (802.11a mode, Vertical)

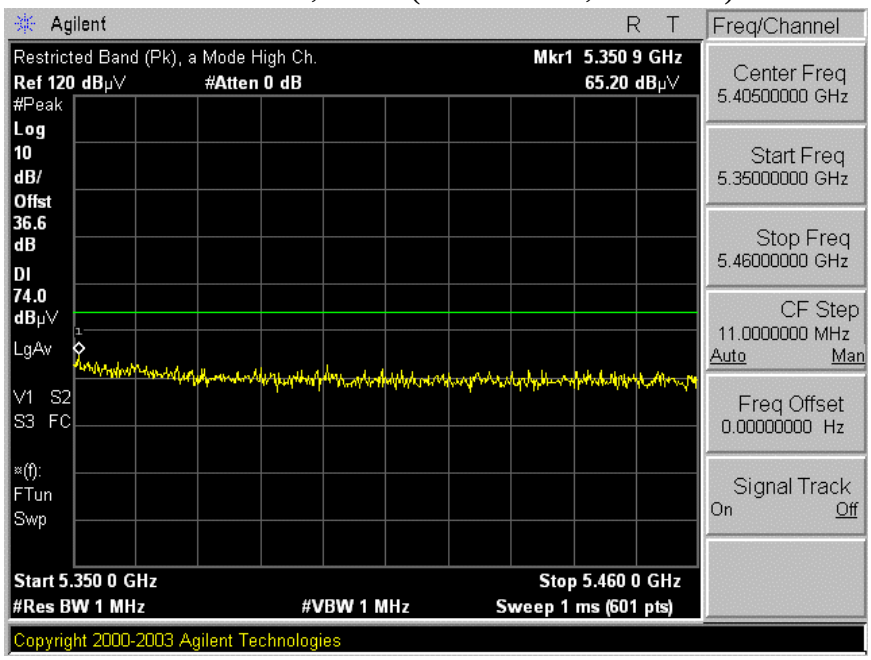


LOW CH RESTRICTED, AVG (802.11a mode, Vertical)

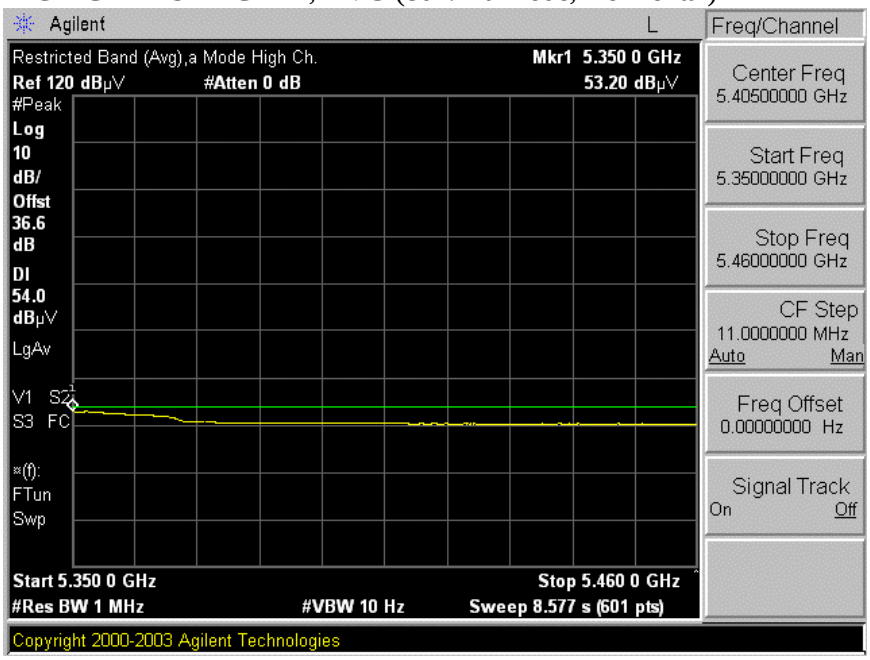


RESTRICTED BANDEDGE (a MODE, HIGH CHANNEL, HORIZONTAL)

HIGH CH RESTRICTED, PEAK (802.11a mode, Horizontal)

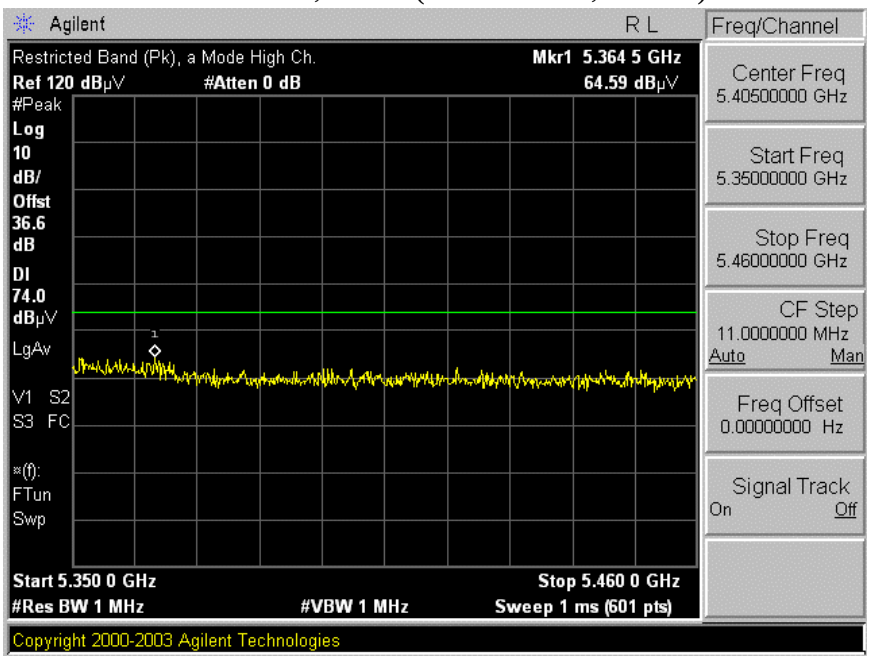


HIGH CH RESTRICTED, AVG (802.11a mode, Horizontal)

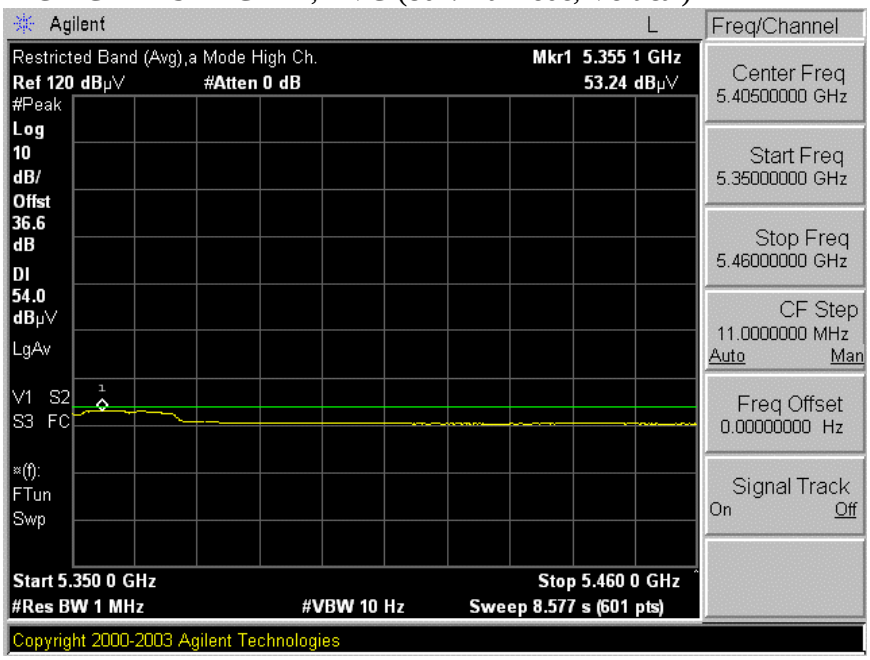


RESTRICTED BANDEDGE (a MODE, HIGH CHANNEL, VERTICAL)

HIGH CH RESTRICTED, PEAK (802.11a mode, Vertical)



HIGH CH RESTRICTED, AVG (802.11a mode, Vertical)



HARMONICS AND SPURIOUS EMISSIONS (a MODE)

04/04/06 **High Frequency Measurement**
Compliance Certification Services, Morgan Hill Open Field Site

Test Engineer: Thanh Nguyen
Project #: 06U10177-2
Company:HONA R&D Co. LTD
EUT Descrintion: WIRELESS STATION
Test Target: FCC Part 15.407
Mode Of Operation: Transmit a mode with Antenna 1261

Test Equipment:

Horn 1-18GHz: T73; S/N: 6717 @3m
Pre-amplifer 1-26GHz: T144 Miteq 3008A00931
Pre-amplifer 26-40GHz:
Horn > 18GHz:

Hi Frequency Cables
2 foot cable: Thanh 177079008
3 foot cable:
12 foot cable: Thanh 208946003
HPF: HPF_7.6GHz
Reject Filter:

Peak Measurements
RBW=VBW=1MHz
Average Measurements
RBW=1MHz ; VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Fltr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
Tx High Ch , 5240MHz															
10.480	3.0	51.1	38.7	37.9	3.9	-36.7	0.0	0.8	57.0	44.5	74	54	-17.0	-9.5	V
15.720	3.0	48.9	38.0	39.3	4.8	-34.7	0.0	0.7	59.0	48.1	74	54	-15.0	-5.9	V
20.960	3.0	45.3	33.3	33.5	5.8	-35.2	0.0	0.0	49.4	37.4	74	54	-24.6	-16.6	Noise floor
10.480	3.0	50.1	35.4	37.9	3.9	-36.7	0.0	0.8	56.0	41.3	74	54	-18.0	-12.7	H
15.720	3.0	46.0	33.0	39.3	4.8	-34.7	0.0	0.7	56.1	43.0	74	54	-17.9	-11.0	H
20.960	3.0	45.1	32.9	33.5	5.8	-35.2	0.0	0.0	49.2	37.0	74	54	-24.8	-17.0	Noise floor
Tx mid ch 5210MHz															
10.420	3.0	54.7	41.8	37.9	3.9	-36.8	0.0	0.8	60.5	47.6	74	54	-13.5	-6.4	V
15.630	3.0	53.6	40.8	39.4	4.8	-34.8	0.0	0.7	63.7	50.9	74	54	-10.3	-3.1	V
20.840	3.0	44.8	33.4	33.5	5.8	-35.2	0.0	0.0	48.9	37.5	74	54	-25.1	-16.5	Noise floor
10.420	3.0	48.9	35.6	37.9	3.9	-36.8	0.0	0.8	54.7	41.4	74	54	-19.3	-12.6	H
15.630	3.0	48.8	35.8	39.4	4.8	-34.8	0.0	0.7	58.9	45.9	74	54	-15.1	-8.1	H
20.840	3.0	45.8	32.8	33.5	5.8	-35.2	0.0	0.0	49.9	36.9	74	54	-24.1	-17.1	Noise floor
Tx low ch 5180MHz															
10.360	3.0	54.3	42.2	37.9	3.9	-36.8	0.0	0.8	60.0	47.9	74	54	-14.0	-6.1	V
15.540	3.0	49.7	38.2	39.6	4.7	-34.8	0.0	0.7	59.9	48.4	74	54	-14.1	-5.6	V
20.720	3.0	44.4	32.4	33.5	5.8	-35.1	0.0	0.1	48.6	36.6	74	54	-25.4	-17.4	Noise floor
10.360	3.0	49.7	38.6	37.9	3.9	-36.8	0.0	0.8	55.4	44.3	74	54	-18.6	-9.7	H
15.540	3.0	43.9	37.8	39.6	4.7	-34.8	0.0	0.7	54.0	48.0	74	54	-20.0	-6.0	H
20.720	3.0	44.9	32.6	33.5	5.8	-35.1	0.0	0.1	49.1	36.8	74	54	-24.9	-17.2	Noise floor
No other Harmonics emissions were detected above 3rd harmonic															

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		

7.2.4. WORST-CASE RADIATED EMISSIONS BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL DATA

561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 27 File#: Station.EMI Date: 04-05-2006 Time: 12:22:17
Audix ATC

Condition: FCC CLASS-B HORIZONTAL
Test Operator : Thanh Nguyen
Project # : 06J10177
Company : HONDA R&D Co., LTD.
EUT : Wireless Station
Model No : 35220-QAB
S/N : N/A
Configuration : EUT,laptop and PCI Ext.card
Mode of operation: Tx worst case
Target of Test : FCC /IC class B, DGT Class B

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	136.700	24.70	14.93	39.64	43.50	-3.86	Peak
2	191.990	26.26	13.25	39.51	43.50	-3.99	Peak
3	327.790	21.86	16.35	38.21	46.00	-7.79	Peak
4	441.280	19.00	19.02	38.02	46.00	-7.98	Peak
5	528.580	20.49	20.63	41.12	46.00	-4.88	Peak
6	741.980	14.09	23.74	37.83	46.00	-8.17	Peak

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)

VERTICAL DATA

561F Monterey Road
Morgan Hill, CA 95037
Tel: (408) 463-0888
Fax: (408) 463-0885

Data#: 29 File#: Station.EMI Date: 04-05-2006 Time: 12:26:32
Audix ATC

Condition: FCC CLASS-B VERTICAL
Test Operator : Thanh Nguyen
Project # : 06J10177
Company : HONDA R&D Co., LTD.
EUT : Wireless Station
Model No : 35220-QAB
S/N : N/A
Configuration : EUT,laptop and PCI Ext.card
Mode of operation: Tx worst case
Target of Test : FCC /IC class B, DGT Class B

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	103.720	20.80	12.23	33.03	43.50	-10.47	Peak
2	135.730	18.74	14.96	33.70	43.50	-9.80	Peak
3	227.880	24.27	12.95	37.22	46.00	-8.78	Peak
4	305.480	20.55	15.80	36.35	46.00	-9.65	Peak
5	406.360	23.02	18.20	41.22	46.00	-4.78	Peak
6	505.300	23.08	20.28	43.36	46.00	-2.64	Peak
7	706.090	19.36	23.17	42.53	46.00	-3.47	Peak

7.3. FREQUENCY STABILITY

LIMIT

§15.407 (g) Manufacturers of UNII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation as specified in the user manual.

TEST PROCEDURE

Frequency stability versus environmental temperature
The Host Desktop PC and equipment under test (EUT) were connected to an external AC power supply and the RF output was connected to a frequency counter via feed through attenuator. The Host Desktop PC and EUT were placed inside the temperature chamber, after the temperature stabilized for approximately 20 minutes; the frequency of the output signal was recorded from the counter.

Frequency Stability versus Input Voltage
At room temperature (20±5°C), an external variable AC power supply was connected to the Host Desktop PC and equipment under test (EUT). The frequency of the transmitter was measured for 115%, 100% and 85% of the nominal operating input voltage.

RESULTS

No non-compliance noted.

1) **Transmit Mid channel 5210MHz**

Reference Frequency: a Mode Mid Channel 5210.00000MHz @ 25?C Limit: to stay ± 10 ppm = 52100.156 Hz					
Power Supply	**Environment**	**Frequency Deviation Measureed with Time Elapse**			
(Vdc)	**Temperature (?C)**	**(MHz)**	**Delta (ppm)**	**Limit (ppm)**	**Delta (KHz)**
115.00	50	5210.03871	-1.109	± 10	23.12
115.00	40	5210.03105	-0.742	± 10	15.46
115.00	30	5210.02335	-0.372	± 10	7.76
115.00	***25***	***5210.01559***	***0***	***± 10***	0.00
115.00	20	5210.01509	0.024	± 10	-0.50
115.00	10	5210.01429	0.062	± 10	-1.30
115.00	0	5210.01350	0.100	± 10	-2.09
115.00	-10	5210.01240	0.153	± 10	-3.20
115.00	-20	5210.01148	0.197	± 10	-4.11
115.00	-30	5210.01059	0.240	± 10	-5.01
97.75	25	5210.01789	-0.110	± 10	2.30
132.25	25	5210.01751	-0.092	± 10	1.91

2) **Transmit Low channel 5180MHz**

Reference Frequency: Low Channel 5.17999625GHz Limit: Within the band of operation (or +- 10 ppm) = 51.799963 kHz					
Power Supply (Vac)	Environment Temperature (*C)	Frequency Deviation Measureed with Time Elapse			
		(GHz)	Delta (ppm)	Limit (ppm)	Delta (kHz)
115.00	50	5.179997080	-0.160	+- 10	0.830
115.00	40	5.179995250	0.193	+- 10	-1.000
115.00	30	5.179999000	-0.531	+- 10	2.750
115.00	**25**	5.179996250	0.000	+- 10	0.000
115.00	20	5.180006420	-1.963	+- 10	10.170
115.00	10	5.1800155100	-3.718	+- 10	19.260
115.00	0	5.1800215400	-4.882	+- 10	25.290
115.00	-10	5.1800252100	-5.591	+- 10	28.960
115.00	-20	5.1800227000	-5.106	+- 10	26.450
115.00	-30	5.1800103000	-2.712	+- 10	14.050
97.75	20	5.180007840	-2.237	+- 10	11.590
132.25	20	5.180006840	-2.044	+- 10	10.590

7.4. 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.

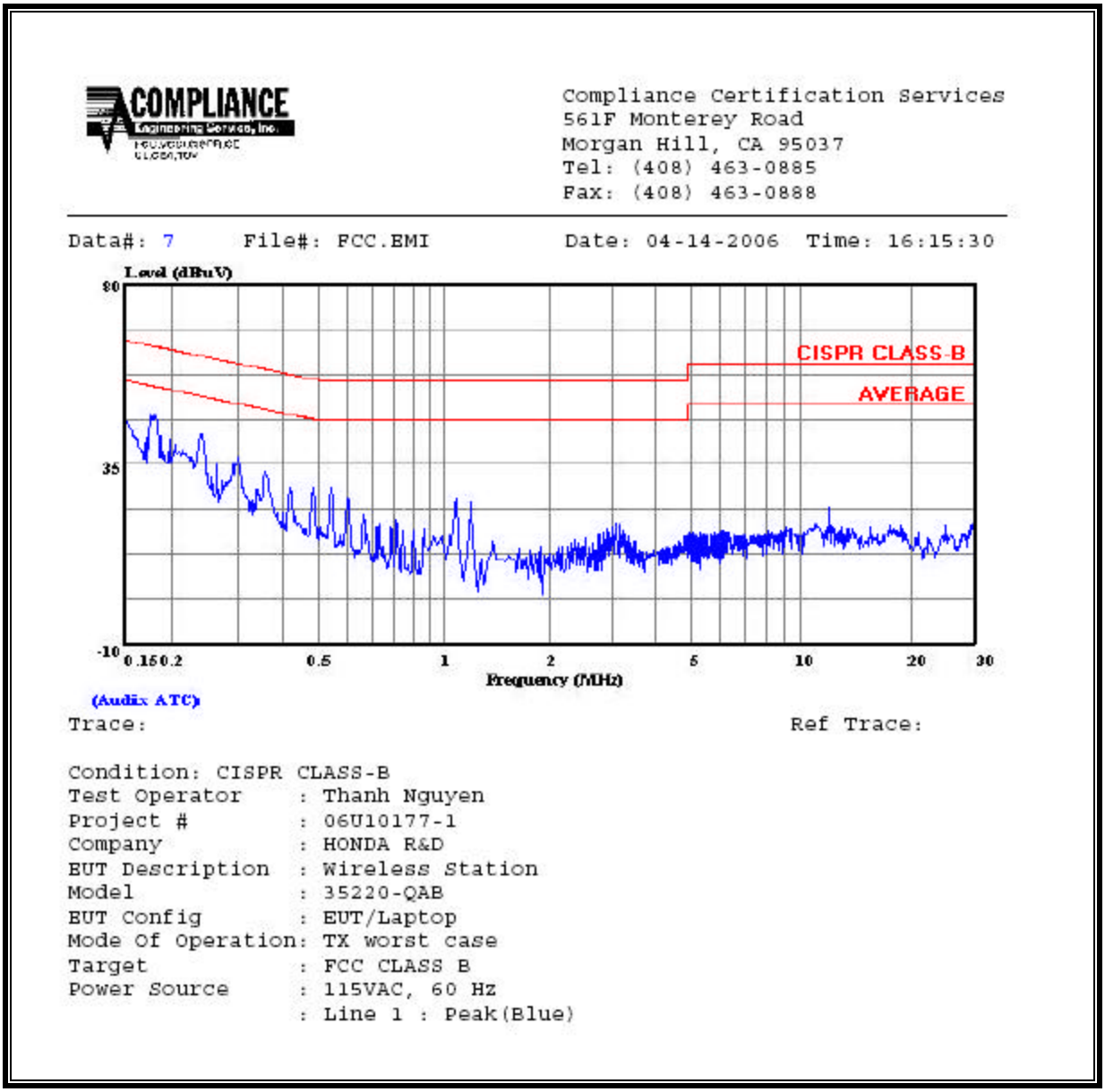
RESULTS

No non-compliance noted:

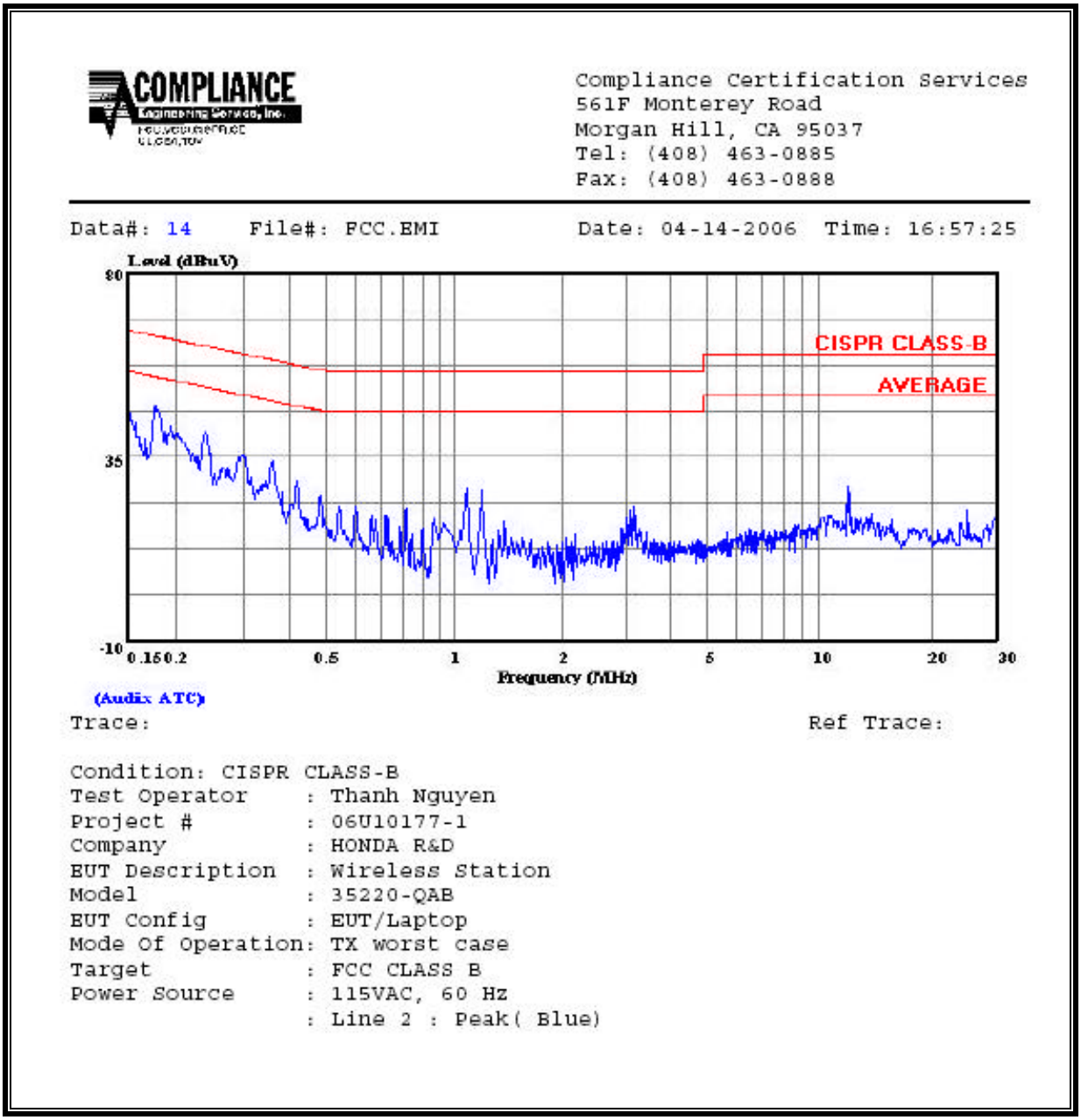
6 WORST EMISSIONS

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
0.18	47.30	--	--	0.00	64.39	54.39	-17.09	-7.09	L1
0.24	42.48	--	--	0.00	62.03	52.03	-19.55	-9.55	L1
1.17	26.54	--	--	0.00	56.00	46.00	-29.46	-19.46	L1
0.18	47.50	--	--	0.00	64.58	54.58	-17.08	-7.08	L2
0.21	35.52	--	--	0.00	63.24	53.24	-27.72	-17.72	L2
1.17	27.38	--	--	0.00	56.00	46.00	-28.62	-18.62	L2
6 Worst Data									

LINE 1 RESULTS



LINE 2 RESULTS



8. SETUP PHOTOS

ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

ANTENNA PORT CONDUCTED PHOTO

RADIATED RF MEASUREMENT SETUP

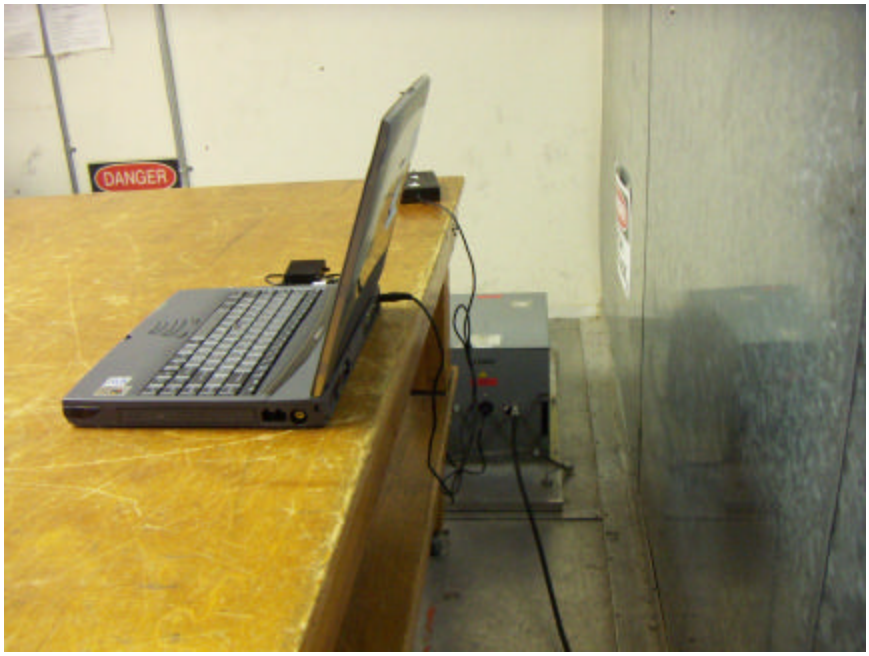
RADIATED FRONT PHOTO

RADIATED BACK PHOTO

POWERLINE CONDUCTED EMISSIONS MEASUREMENT SETUP

LINE CONDUCTED FRONT PHOTO

LINE CONDUCTED BACK PHOTO



FREQUENCY STABILITY

END OF REPORT