

# FCC CFR47 PART 15 SUBPART C CERTIFICATION TEST REPORT

# **FOR**

# **BT PENDANT**

**MODEL NUMBER: LAT9600-01XXE** 

FCC ID: GT3FC001

REPORT NUMBER: 06J10302-1, REVISION C

**ISSUE DATE: JULY 12, 2006** 

Prepared for

SMK CORPORATION 5-5 TOGOSHI 6-CHOME SHINAGAWA-KU, TOKOYO 142-8511, JAPAN

*Prepared by* 

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# **Revision History**

Rev.	Issue Date	Revisions	Revised By
	6/13/06	Initial Issue	A. Ilarina
В	7/10/06	Updated EUT description and antenna gain info	A. Ilarina
	7/12/06	Update EUT description in section 5.1 Set Power Limit in section 7.1.5 to 21 dBm	A. Ilarina

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# 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** SMK CORPORATION

5-5 TOGOSHI 6. CHOME SHINAGAWA-KU

TOKYO 142-8511. JAPAN

**BT PENDANT EUT DESCRIPTION:** 

**MODEL:** LAT9600-01XXE

DATE TESTED: JUNE 01-03, 2006

#### APPLICABLE STANDARDS

**STANDARD** TEST RESULTS

FCC PART 15 SUBPART C NO NON-COMPLIANCE NOTED

Compliance Certification Services, Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Compliance Certification Services and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Compliance Certification Services will constitute fraud and shall nullify the document. No part of this report may be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any government agency.

Approved & Released For CCS By: Tested By:

ALVIN ILARINA EMC SUPERVISOR

COMPLIANCE CERTIFICATION SERVICES

HSIN FU SHIH EMC ENGINEER

Hisin-Fa Shih

COMPLIANCE CERTIFICATION SERVICES

# 2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003, FCC CFR 47 Part 2 and FCC CFR 47 Part 15.

# 3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 561F Monterey Road, Morgan Hill, California, USA. The sites are constructed in conformance with the requirements of ANSI C63.4, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at http://www.ccsemc.com.

# 4. CALIBRATION AND UNCERTAINTY

#### 4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

#### 4.2. **MEASUREMENT UNCERTAINTY**

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Radiated Emission, 30 to 200 MHz	+/- 3.3 dB
Radiated Emission, 200 to 1000 MHz	+4.5 / -2.9 dB
Radiated Emission, 1000 to 2000 MHz	+4.5 / -2.9 dB
Power Line Conducted Emission	+/- 2.9 dB

Uncertainty figures are valid to a confidence level of 95%.

# 5. EQUIPMENT UNDER TEST

#### 5.1. **DESCRIPTION OF EUT**

The EUT is a Bluetooth Pendant.

The radio module is manufactured by SMK.

EUT description was changed after testing commenced. All data is this report is applicable to the EUT info in Section 1 above.

#### 5.2. **MAXIMUM OUTPUT POWER**

The transmitter has a maximum peak conducted output power as follows:

2400 to 2483.5 MHz Authorized Band

Frequency Range	Output Power	Output Power	
(MHz)	(dBm)	(mW)	
2402 - 2480	1.49	1.41	

#### 5.3. **DESCRIPTION OF AVAILABLE ANTENNAS**

The radio utilizes a permanently attached integral loop antenna, with a maximum gain of -0.85dBi.

#### SOFTWARE AND FIRMWARE 5.4.

The CMU 200 was used to link with Bluetooth during test.

#### 5.5. **WORST-CASE CONFIGURATION AND MODE**

The worst-case channel is determined as the channel with the highest output power. The highest measured output power was at 2402 MHz.

#### 5.6. **DESCRIPTION OF TEST SETUP**

# **SUPPORT EQUIPMENT**

PERIPHERAL SUPPORT EQUIPMENT LIST						
Description	Manufacturer	Model	Serial Number	FCC ID		
Communication Tester	R & S	CMU 200	838114/032	n/a		

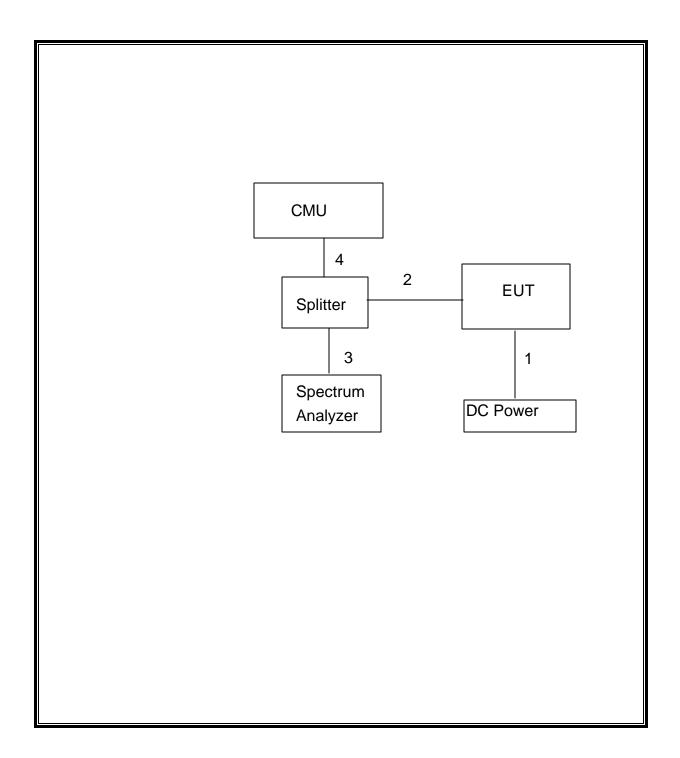
## I/O CABLES

	I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks	
1	DC	1	DC	Un-shielded	2m	NA	
2	RF out	1	Splitter	Un-shielded	0.5m	NA	
3	PSA	1	Splitter	Un-shielded	0.5m	NA	
4	CMU	1	Splitter	Un-shielded	None	NA	

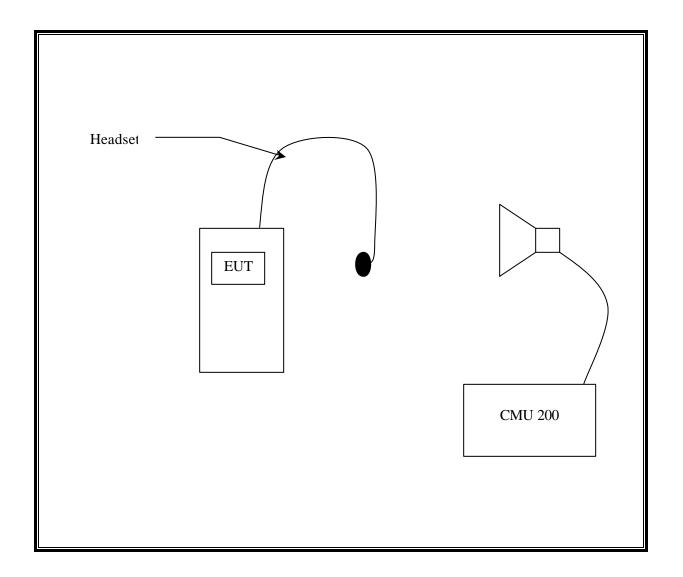
# **TEST SETUP**

The EUT is linked to CMU 200 during test.

# <u>SETUP DIAGRAM FOR TESTS – FOR RF CONDUCTED TESTS</u>



# <u>SETUP DIAGRAM FOR TESTS – FOR RADIATED EMISSION TESTS</u>



# **6. TEST AND MEASUREMENT EQUIPMENT**

The following test and measurement equipment was utilized for the tests documented in this report:

T	EST EQUIPMENT I	LIST		
Name of Equipment	Manufacturer	Model No.	Serial No.	Due Date
Spectrum Analyzer 3 Hz ~ 44 GHz	Agilent / HP	E4446A	US42510266	10/19/2006
Peak Power Meter	Agilent / HP	E4416A	GB41291160	12/2/2007
Peak / Average Power Sensor	Agilent	E9327A	US40440755	12/2/2007
Temperature / Humidity Chamber	Thermotron	SE 600-10-10	29800	6/10/2006
Communication Tester	R & S	CMU 200	838114/032	3/21/2007
Antenna, Bilog 30 MHz ~ 2 Ghz	Sunol Sciences	JB1	A121003	9/3/2006
EMI Receiver, 9 kHz ~ 2.9 GHz	Agilent / HP	8542E	3942A00286	2/4/2007
RF Filter Section	Agilent / HP	85420E	3705A00256	2/4/2007
Preamplifier, 1300 MHz	Agilent / HP	8447D	1937A02062	1/23/2007
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	6717	4/22/2007
Preamplifier, 1 ~ 26.5 GHz	Agilent / HP	8449B	3008A00931	6/24/2006
Signal Generator, 10 MHz ~ 20 GHz	Agilent / HP	83732B	US34490599	10/5/2006
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	2238	4/22/2007
Power Splitter	HP	11667B	2457	6/2/2007
Spliter	Mini-Circuit	ZFRSC-42	1621	6/2/2007

# 7. LIMITS AND RESULTS

#### 7.1. **ANTENNA PORT CHANNEL TESTS**

# 7.1.1. 20 dB BANDWIDTH

## **LIMIT**

None; for reporting purposes only.

# **TEST PROCEDURE**

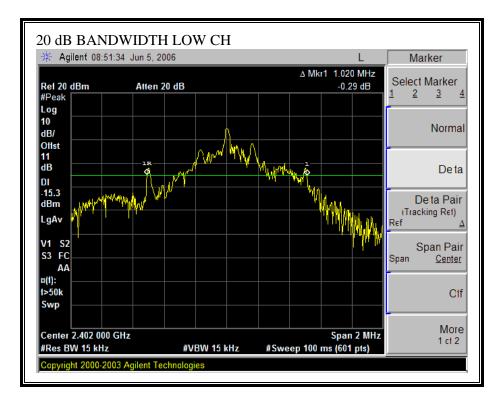
The transmitter output is connected to a spectrum analyzer. The RBW is set to 1% to 3% of the 20 dB bandwidth. The VBW is set to 3 times the RBW. The sweep time is coupled.

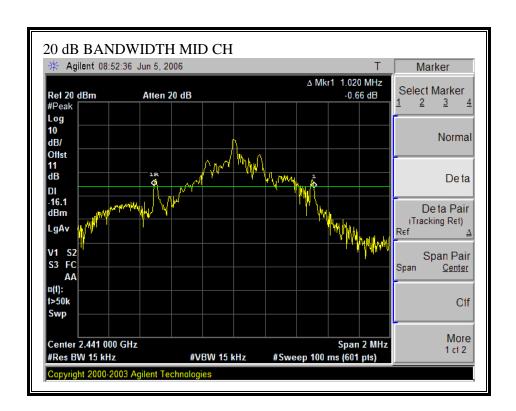
## **RESULTS**

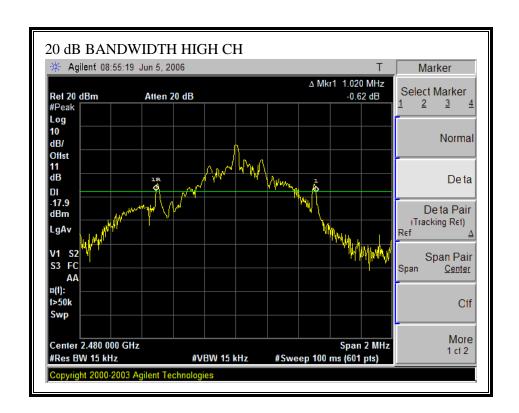
No non-compliance noted:

Channel	Frequency	20 dB Bandwidth
	(MHz)	(kHz)
Low	2402	1020
Middle	2441	1020
High	2480	1020

## 20 dB BANDWIDTH







## 7.1.2. HOPPING FREQUENCY SEPARATION

## LIMIT

§15.247 (a) (1) Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hoping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

#### **TEST PROCEDURE**

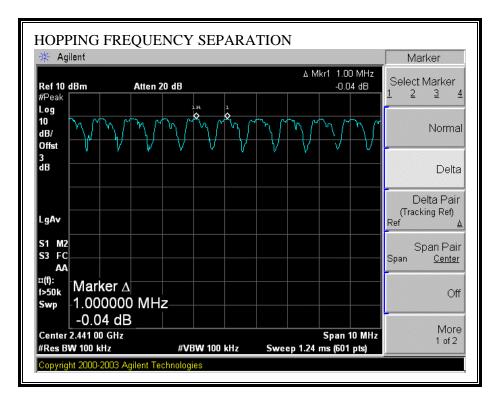
The transmitter output is connected to a spectrum analyzer. The RBW is set to 100 kHz and the VBW is set to 100 kHz. The sweep time is coupled.

#### **RESULTS**

No non-compliance noted:

Frequency	Hopping Separation	Minimum of 25kHz or Two-Thirds of 20 dB	Margin
(MHz)	(kHz)	(kHz)	(kHz)
2441	1000	680	320

## **HOPPING FREQUENCY SEPARATION**



## 7.1.3. NUMBER OF HOPPING CHANNELS

# **LIMIT**

§15.247 (a) (1) (iii) Frequency hopping systems in the 2400 – 2483.5 MHz band shall use at least 15 nonoverlapping channels.

## **TEST PROCEDURE**

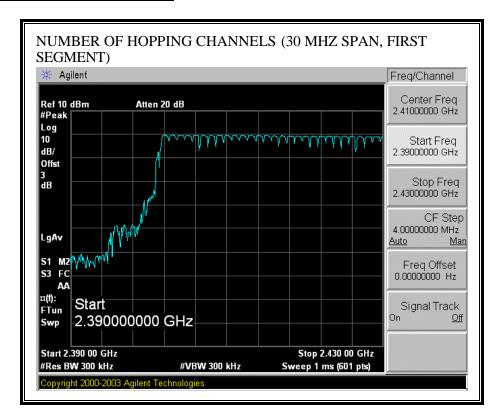
The transmitter output is connected to a spectrum analyzer. The span is set to cover the entire authorized band, in either a single sweep or in multiple contiguous sweeps. The RBW is set to 1 % of the span. The analyzer is set to Max Hold.

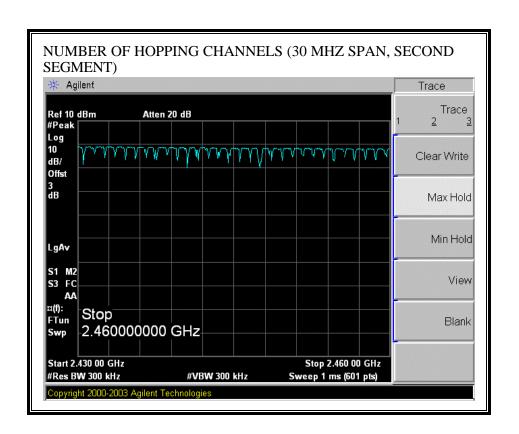
## **RESULTS**

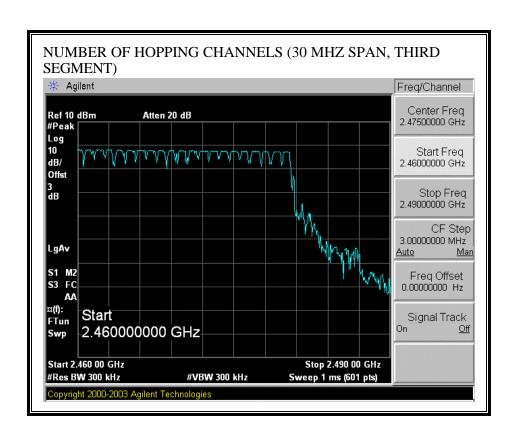
No non-compliance noted:

79 Channels observed.

#### **NUMBER OF HOPPING CHANNELS**







## 7.1.4. AVERAGE TIME OF OCCUPANCY

## LIMIT

§15.247 (a) (1) (iii) Frequency hopping systems in the 2400 – 2483.5 MHz band shall use at least 15 nonoverlapping channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

#### **TEST PROCEDURE**

The transmitter output is connected to a spectrum analyzer. The span is set to 0 Hz, centered on a single, selected hopping channel. The width of a single pulse is measured in a fast scan. The number of pulses is measured in a 3.16 second scan, to enable resolution of each occurrence.

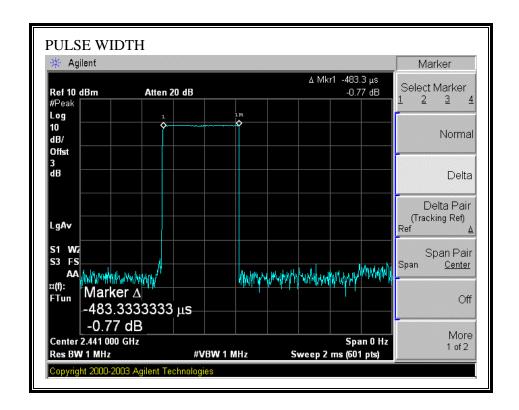
The average time of occupancy in the specified 31.6 second period (79 channels \* 0.4 s) is equal to 10 \* (# of pulses in 3.16 s) \* pulse width.

#### **RESULTS**

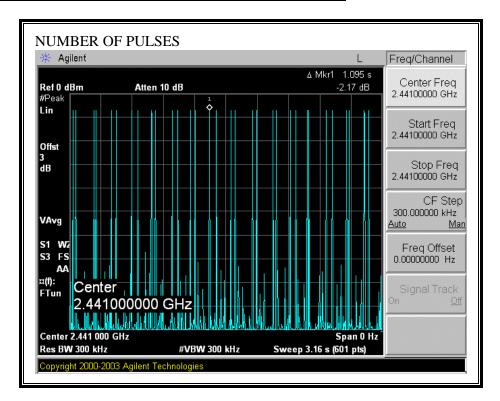
No non-compliance noted:

DH Packet	Pulse Width	Number of Pulses	Average Time of	Limit	Margin
		in 3.16 seconds	Occupancy		
	(msec)		(sec)	(sec)	(sec)
1	0.483	34	0.164	0.4	0.236
3	1.773	19	0.337	0.4	0.063
5	2.800	11	0.308	0.4	0.092

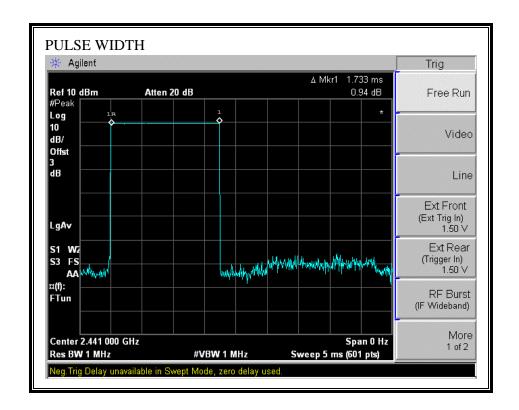
# **PULSE WIDTH (DH1 PACKET TYPE)**



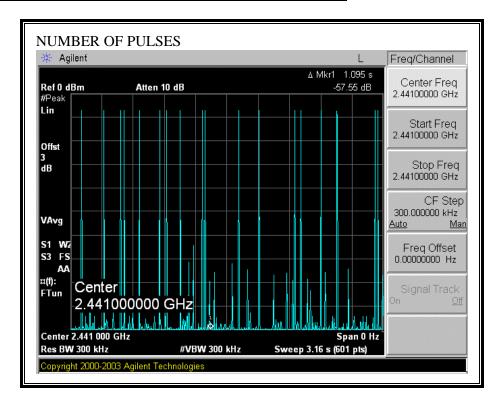
## **NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD**



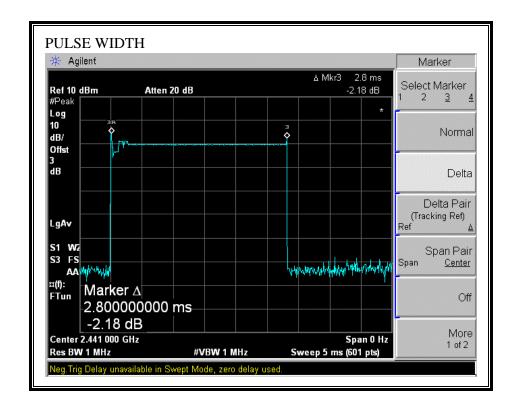
# **PULSE WIDTH (DH3 PACKET TYPE)**



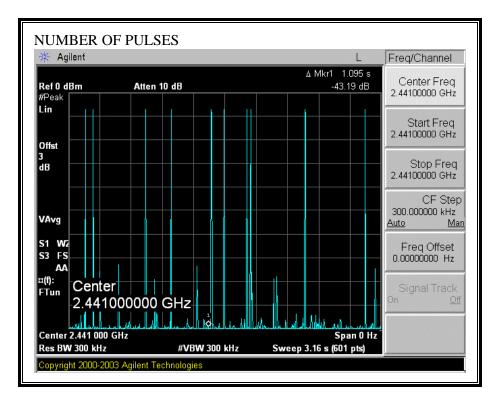
## **NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD**



# **PULSE WIDTH (DH5 PACKET TYPE)**



## **NUMBER OF PULSES IN 3.16 SECOND OBSERVATION PERIOD**



#### 7.1.5. PEAK OUTPUT POWER

#### **PEAK POWER LIMIT**

§15.247 (b) The maximum peak output power of the intentional radiator shall not exceed the following:

§15.247 (b) (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 hopping channels: 1 watt.

§15.247 (b) (4) Except as shown in paragraphs (b)(3) (i), (ii) and (iii) of this section, if transmitting antennas of directional gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1) or (b)(2) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

§15.247 (a) (1) Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hoping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

The maximum antenna gain is -0.85 dBi, therefore the limit is 21 dBm.

#### **TEST PROCEDURE**

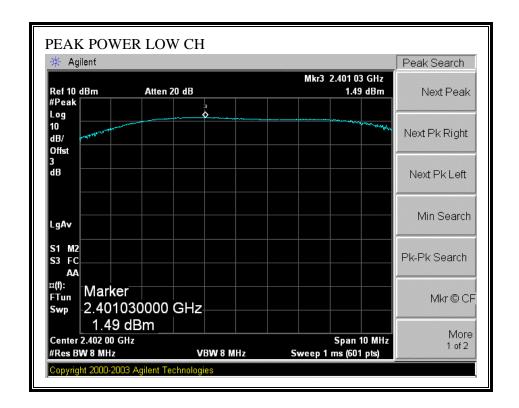
The transmitter output is connected to a spectrum analyzer and the analyzer bandwidth is set to a value greater than the 20 dB bandwidth of the EUT.

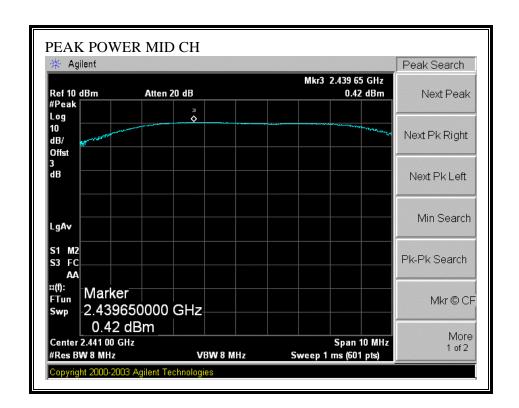
#### **RESULTS**

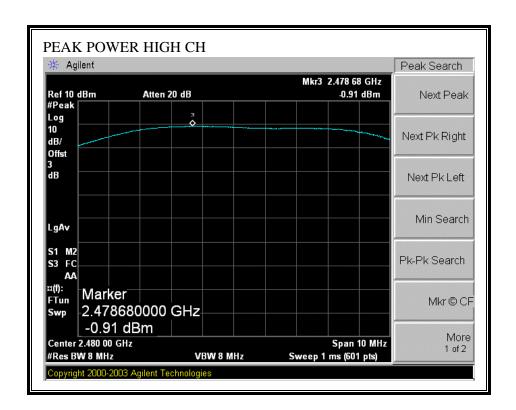
No non-compliance noted:

Channel	Frequency	Peak Power	Limit	Margin
	(MHz)	(dBm)	(dBm)	(dB)
Low	2402	1.49	21	-19.51
Middle	2441	0.42	21	-20.58
High	2480	-0.91	21	-21.91

## **OUTPUT POWER**







# 7.1.6. RF EXPOSURE REQUIREMENT

SAR testing was waived for RF exposure requirement due to output power lower than the SAR threshold.

# 7.1.7. AVERAGE POWER

# **AVERAGE POWER LIMIT**

None; for reporting purposes only.

# **TEST PROCEDURE**

The transmitter output is connected to a power meter.

# **RESULTS**

No non-compliance noted:

The cable assembly insertion loss of 3 dB was entered as an offset in the power meter to allow for direct reading of power.

Channel	Frequency	<b>Average Power</b>
	(MHz)	(dBm)
Low	2402	-1.05
Middle	2441	-1.99
High	2480	-3.63

## 7.1.8. CONDUCTED SPURIOUS EMISSIONS

#### **LIMITS**

§15.247 (c) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

## **TEST PROCEDURE**

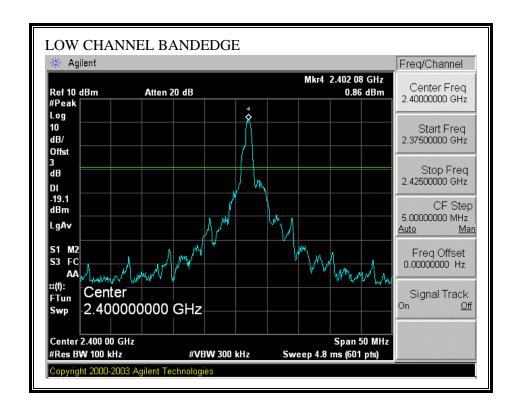
The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.

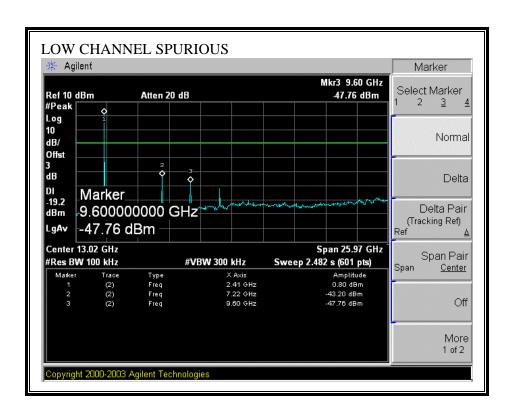
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

#### **RESULTS**

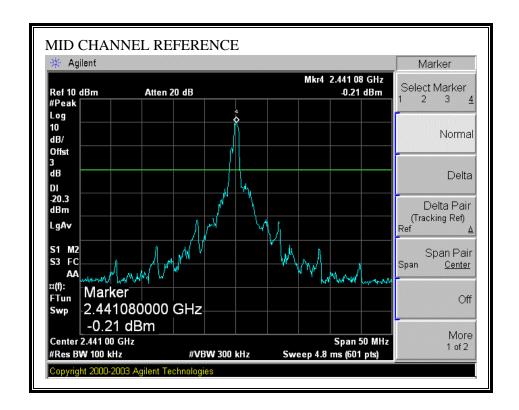
No non-compliance noted:

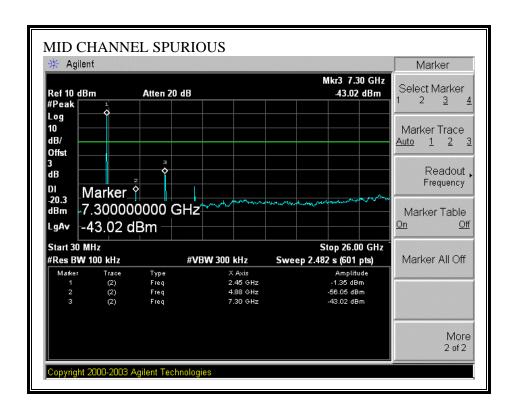
#### SPURIOUS EMISSIONS, LOW CHANNEL



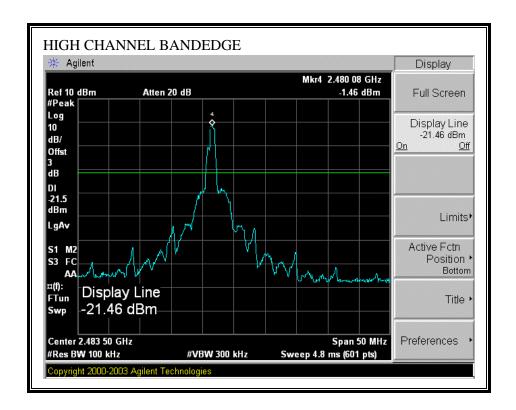


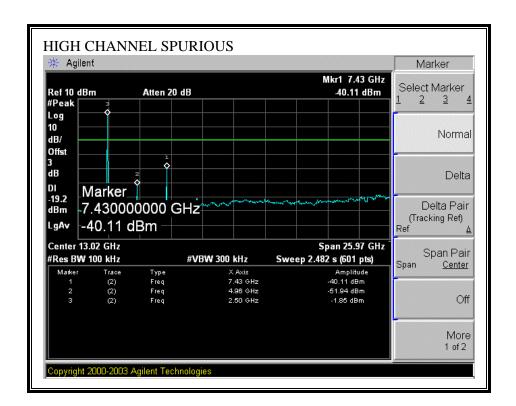
#### **SPURIOUS EMISSIONS, MID CHANNEL**



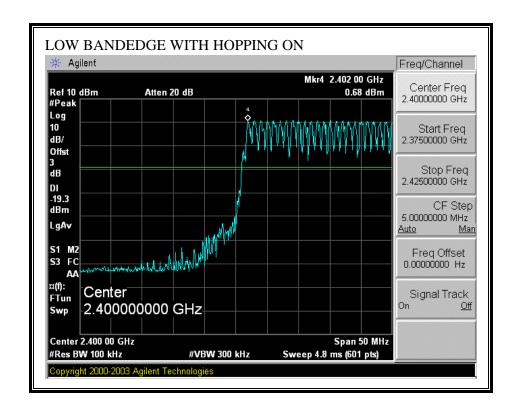


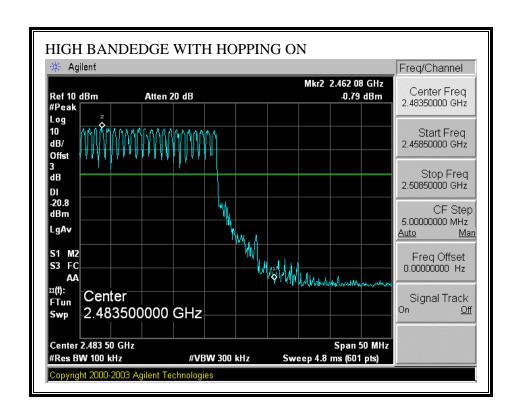
#### **SPURIOUS EMISSIONS, HIGH CHANNEL**





#### SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON





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#### 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
<sup>1</sup> 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	( <sup>2</sup> )
13.36 - 13.41			

<sup>&</sup>lt;sup>1</sup> Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

§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.

<sup>&</sup>lt;sup>2</sup> Above 38.6

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§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

<sup>\*\*</sup> 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.

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

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#### **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.

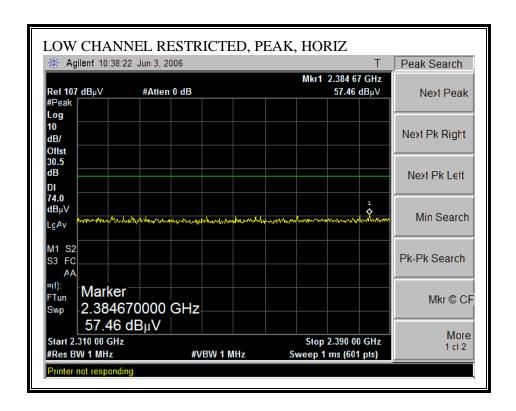
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

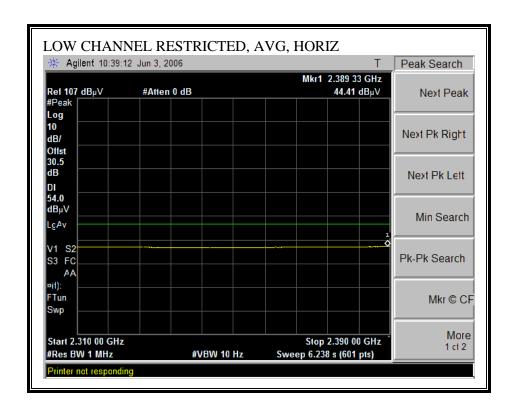
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each 5 GHz band.

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.

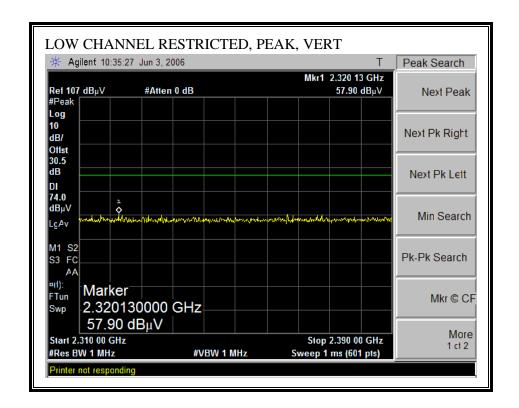
#### 7.2.2. TRANSMITTER RADIATED EMISSIONS ABOVE 1 GHZ

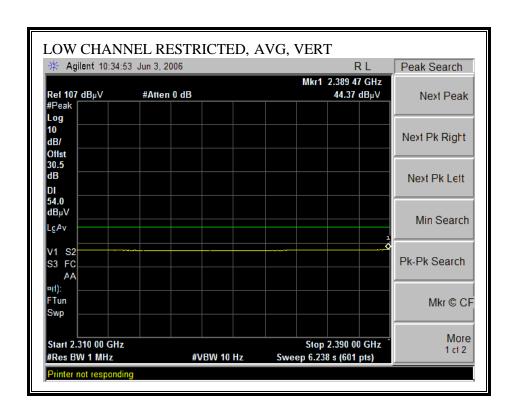
# RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



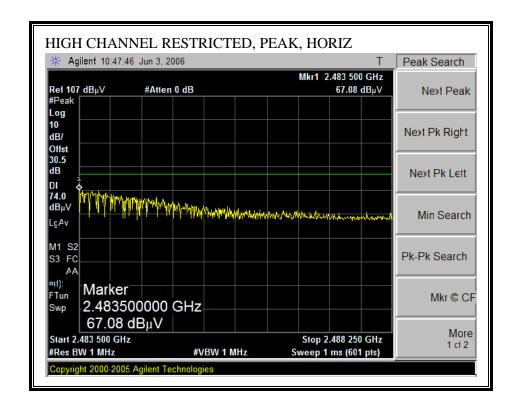


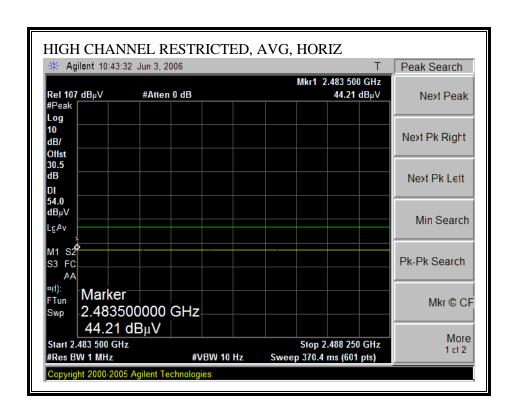
#### RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



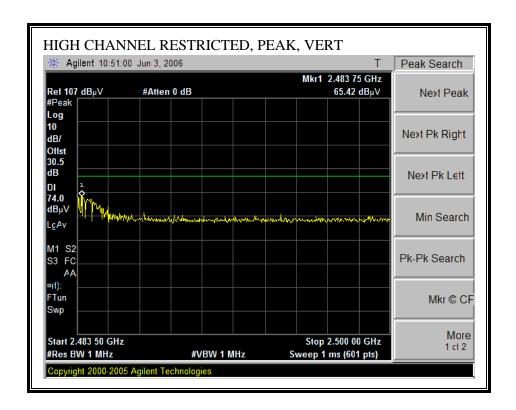


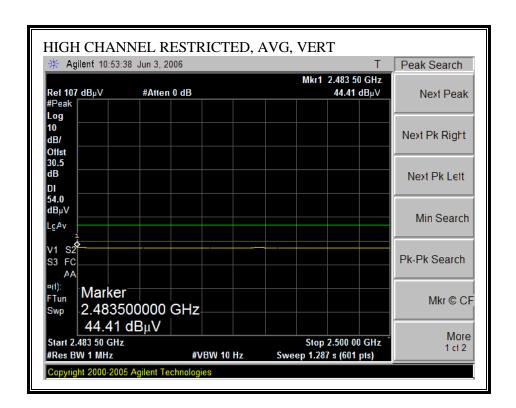
#### RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)



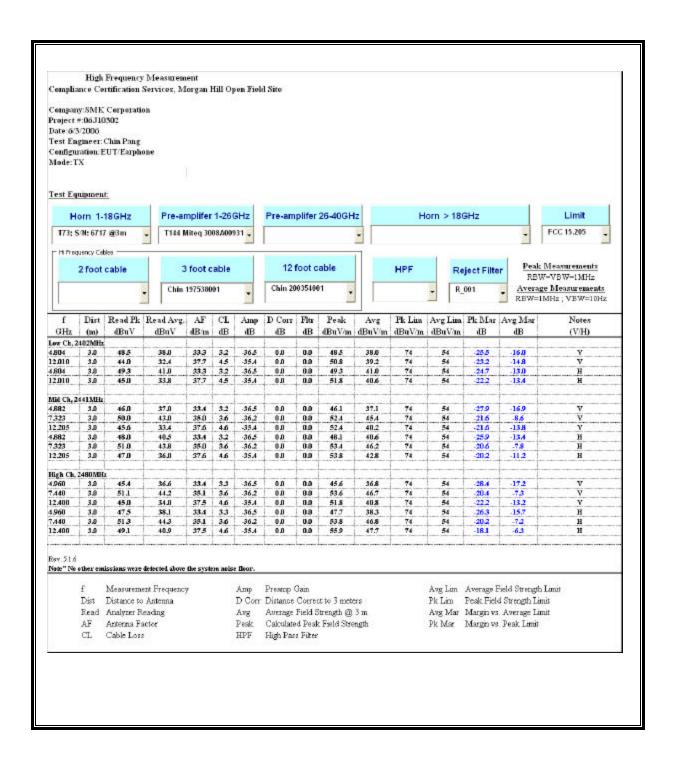


### RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



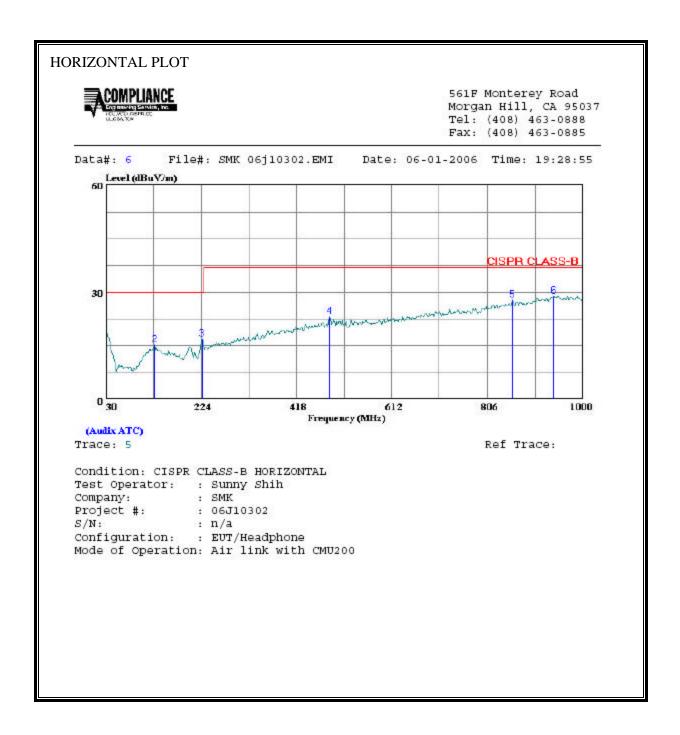


#### HARMONICS AND SPURIOUS EMISSIONS



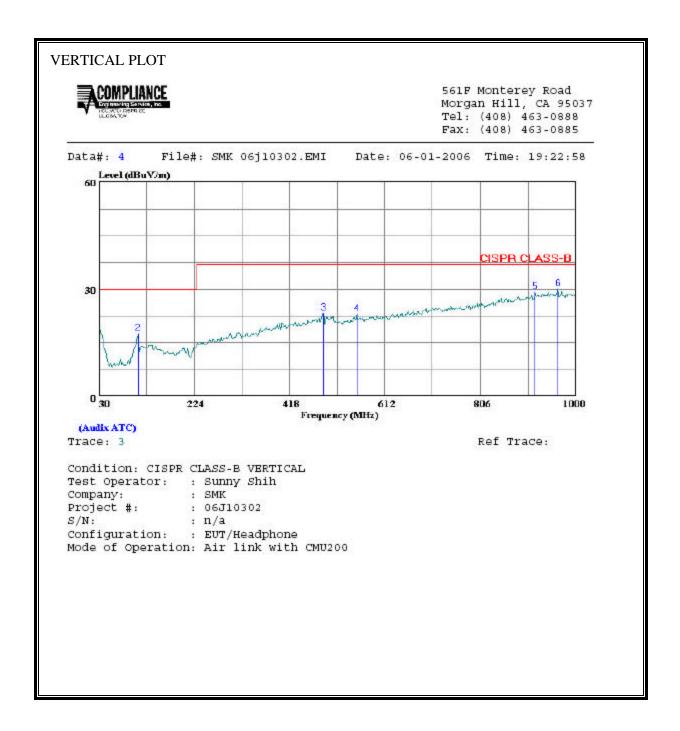
#### 7.2.3. WORST-CASE RADIATED EMISSIONS BELOW 1 GHz

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



MHz dBuV dB dBuV/m dBuV/m dB 30.970 -1.76 20.45 18.69 30.00 -11.31 Peak 128.940 -0.04 15.15 15.11 30.00 -14.89 Peak 225.940 3.94 12.91 16.85 30.00 -13.15 Peak 484.930 3.20 19.92 23.12 37.00 -13.88 Peak 856.440 2.52 25.39 27.91 37.00 -9.09 Peak		Freq	Read		Lovol		Over	Domank
30.970 -1.76 20.45 18.69 30.00 -11.31 Peak 128.940 -0.04 15.15 15.11 30.00 -14.89 Peak 225.940 3.94 12.91 16.85 30.00 -13.15 Peak 484.930 3.20 19.92 23.12 37.00 -13.88 Peak 856.440 2.52 25.39 27.91 37.00 -9.09 Peak		ried	пелет	Factor	rever	Tille	TIMIC	Kelliativ
128.940 -0.04 15.15 15.11 30.00 -14.89 Peak 225.940 3.94 12.91 16.85 30.00 -13.15 Peak 484.930 3.20 19.92 23.12 37.00 -13.88 Peak 856.440 2.52 25.39 27.91 37.00 -9.09 Peak		MHZ	dBuV	dB	dBuV/m	dBuV/m	dB	10 100
225.940 3.94 12.91 16.85 30.00 -13.15 Peak 484.930 3.20 19.92 23.12 37.00 -13.88 Peak 856.440 2.52 25.39 27.91 37.00 -9.09 Peak	L	30.970	-1.76	20.45	18.69	30.00	-11.31	Peak
484.930 3.20 19.92 23.12 37.00 -13.88 Peak 856.440 2.52 25.39 27.91 37.00 -9.09 Peak	2	128.940	-0.04	15.15	15.11	30.00	-14.89	Peak
856.440 2.52 25.39 27.91 37.00 -9.09 Peak	3	225.940	3.94	12.91	16.85	30.00	-13.15	Peak
	1	484.930	3.20	19.92	23.12	37.00	-13.88	Peak
939.860 2.40 26.43 28.83 37.00 -8.17 Peak	5	856.440	2.52	25.39	27.91	37.00	-9.09	Peak
	5	939.860	2.40	26.43	28.83	37.00	-8.17	Peak

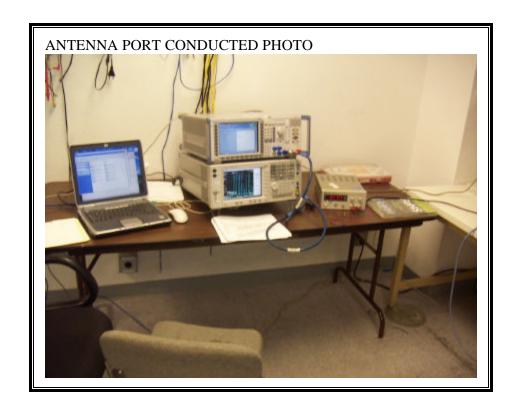
#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



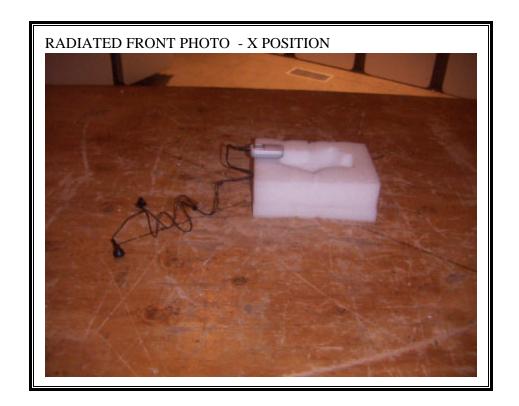
MHz dBuV dB dBuV/m dBuV/m dB  30.970 -1.39 20.45 19.06 30.00 -10.94 Peak 109.540 4.01 13.44 17.45 30.00 -12.56 Peak 487.840 3.29 20.00 23.29 37.00 -13.71 Peak 555.740 2.06 20.95 23.01 37.00 -13.99 Peak 916.580 3.25 26.04 29.29 37.00 -7.71 Peak 963.140 3.42 26.61 30.03 37.00 -6.97 Peak		Freq	Read Level		Level	Limit Line		Remark
109.540 4.01 13.44 17.45 30.00 -12.56 Peak 487.840 3.29 20.00 23.29 37.00 -13.71 Peak 555.740 2.06 20.95 23.01 37.00 -13.99 Peak 916.580 3.25 26.04 29.29 37.00 -7.71 Peak		MHz	dBuV	dB	$\overline{\mathtt{dBuV/m}}$	$\overline{\mathtt{dBuV/m}}$	——dB	
487.840 3.29 20.00 23.29 37.00 -13.71 Peak 555.740 2.06 20.95 23.01 37.00 -13.99 Peak 916.580 3.25 26.04 29.29 37.00 -7.71 Peak	Ē	30.970	-1.39	20.45	19.06	30.00	-10.94	Peak
555.740 2.06 20.95 23.01 37.00 -13.99 Peak 916.580 3.25 26.04 29.29 37.00 -7.71 Peak	2	109.540	4.01	13.44	17.45	30.00	-12.56	Peak
555.740 2.06 20.95 23.01 37.00 -13.99 Peak 916.580 3.25 26.04 29.29 37.00 -7.71 Peak	3	487.840	3.29	20.00	23.29	37.00	-13.71	Peak
	1	555.740	2.06	20.95	23.01	37.00	-13.99	Peak
963.140 3.42 26.61 30.03 37.00 -6.97 Peak	3	916.580	3.25	26.04	29.29	37.00	-7.71	Peak
	5	963.140	3.42	26.61	30.03	37.00	-6.97	Peak

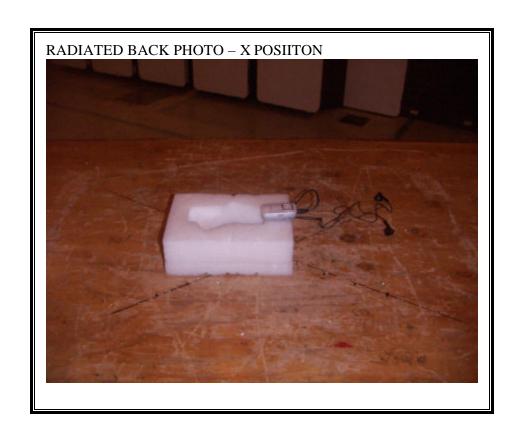
# 8. SETUP PHOTOS

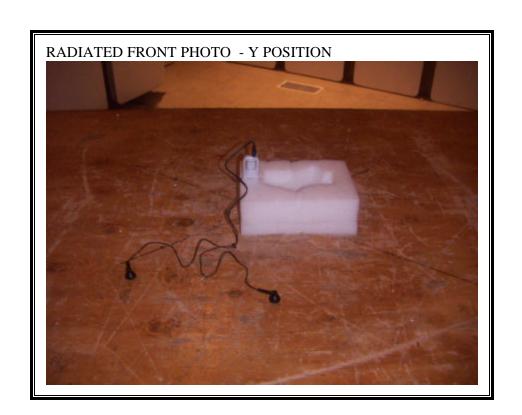
## ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

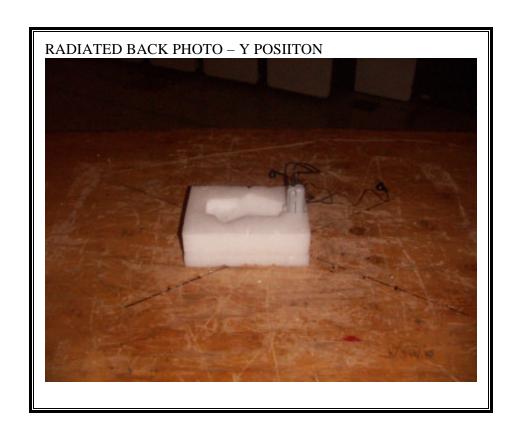


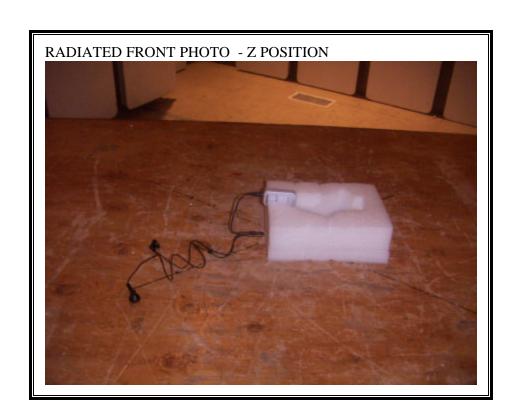
## RADIATED RF MEASUREMENT SETUP

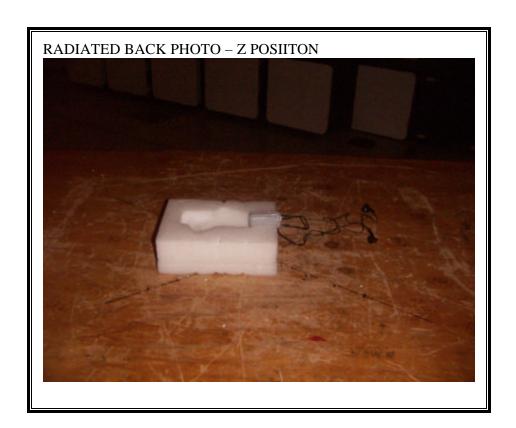












**END OF REPORT**