



**FCC CFR47 PART 15 SUBPART C
RSS-210 ISSUE 7 AND RSS-GEN ISSUE 2
CERTIFICATION TEST REPORT**

FOR

HANDHELD TERMINAL

MODEL NUMBER: IT-600M30U and IT-600M30UC

MODEL SERIES: IT-600

FCC ID: BBQIT600M30

IC: 2388F-IT600M30

REPORT NUMBER: 07J11116-1, REVISION C

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Prepared for
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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
--	07/20/07	Initial Issue.	Thu Chan
B	07/23/07	Changed model number for AC adapter on page 7.	Frank Ibrahim
C	08/03/07	Updated several test items.	S. Radecki

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: CASIO COMPUTER CO., LTD.
6-2 HONMACHI 1-CHOME
SHIBUYA-KU, TOKYO 151-8543, JAPAN

EUT DESCRIPTION: HANDHELD TERMINAL

MODEL: IT-600M30U and IT-600M30UC

MODEL SERIES: IT-600

SERIAL NUMBER: 30 and 31

DATE TESTED: JULY 7-JULY 10, 2007

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART C	NO NON-COMPLIANCE NOTED
RSS-210 ISSUE 7 and RSS-GEN ISSUE 2	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:



THU CHAN
EMC SUPERVISOR
COMPLIANCE CERTIFICATION SERVICES

TOM CHAN
EMC ENGINEER
COMPLIANCE CERTIFICATION SERVICES

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4-2003 and RSS-210 ISSUE 7, 2005-09 and RSS-GEN ISSUE 2, 2005-09.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, 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 handheld terminal device manufactured by Casio Computer Co., Ltd.

The IT-600M series Handheld Terminal has the following two models:

- IT-600M30U – Bluetooth, no camera
- IT-600M30UC – Bluetooth + Digital Camera

This report covers both models.

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 (MHz)	Output Power (dBm)	Output Power (mW)
2402 - 2480	-0.98	0.80

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes a permanently attached Monopole antenna with a maximum gain of 2.1 dBi.

5.4. SOFTWARE AND FIRMWARE

The test utility software used during testing was BTRadioTest WCE, Ver. 100 and LMWIN, Ver 1.06c.

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.

Worst case configuration was determined to be when the EUT was situated on the USB cradle. All emission testing has been done with this configuration.

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
USB CRADLE	CASIO	HA-D60 IO	1	NA
AC ADAPTER	CASIO	AD-S42120B	1	NA
CF CARD EXTENSION UNIT	CASIO	HA-D94CFU2	1	NA

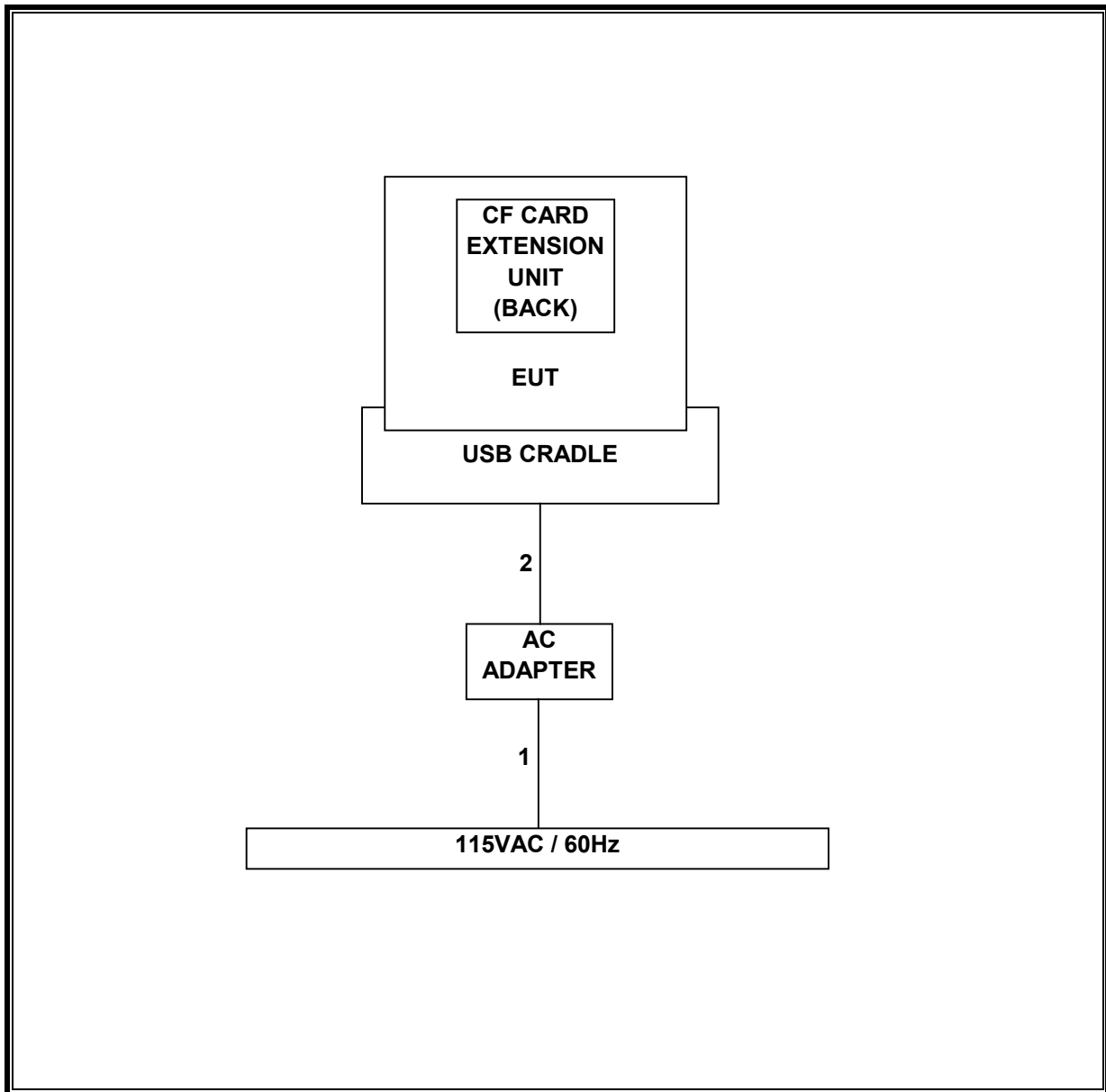
I/O CABLES

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length	Remarks
1	AC	1	AC	UNSHIELDED	2m	N/A
2	DC	1	DC	UNSHIELDED	1.92m	Ferrite on DC output side

TEST SETUP

The EUT is installed in a typical configuration. Test software exercised the EUT.

SETUP DIAGRAM FOR TESTS



6. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	S/N	Cal Due
LISN, 10 kHz ~ 30 MHz	FCC	LISN-50/250-25-2	7/15/1905	09/15/07
Antenna, Bilog 30MHz ~ 2GHz	Sunol Sciences	JB1	A0022704	08/13/07
Preamplifier	HP	8447D	1937A02062	09/15/07
EMI Receiver, 9 kHz ~ 2.9 GHz	HP	8542E	3942A00286	06/12/08
RF Filter Section	HP	85420E	3705A00256	06/12/08
Preamplifier 1-26.5 GHz	HP	8449B	3008A00931	08/01/07
Antenna, Horn 1 ~ 18 GHz	EMCO	3115	2238	04/15/08
EMI Test Receiver	R & S	ESHS 20	827129/006	01/27/08
EMI Test Receiver	R & S	ESIB40	100192	09/26/07
LISN, 10 kHz ~ 30 MHz	Solar	8012-50-R-24-BNC	8379443	09/15/07
Site A Line Stabilizer / Conditioner	Tripplite	LC-1800a	A0051681	C.N.R.
Spectrum Analyzer	HP	E4446A	US42510266	11/26/07
Peak Power Meter	Agilent	E4416A	GB41291160	12/02/07
4.0 High Pass Filter	Micro Tronics	HPM13351	3	N/A
2.4 - 2.5 Reject Filter	Micro Tronics	BRM50702	3	N/A

7. LIMITS AND RESULTS

7.1. CHANNEL TESTS FOR THE BLUETOOTH MODULE

7.1.1. 20 dB BANDWIDTH

LIMIT

None; for reporting purposes only.

TEST PROCEDURE

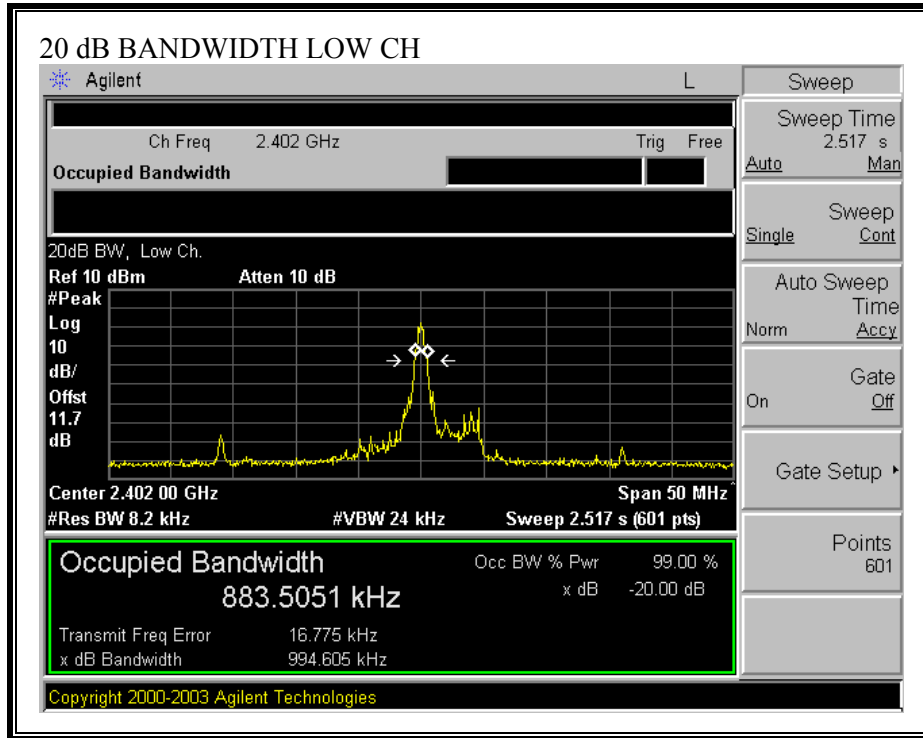
The transmitter output is connected to a spectrum analyzer. The RBW is set to 1% to 3% of the 20 dB bandwidth. The VBW is set to 3 times the RBW. The sweep time is coupled.

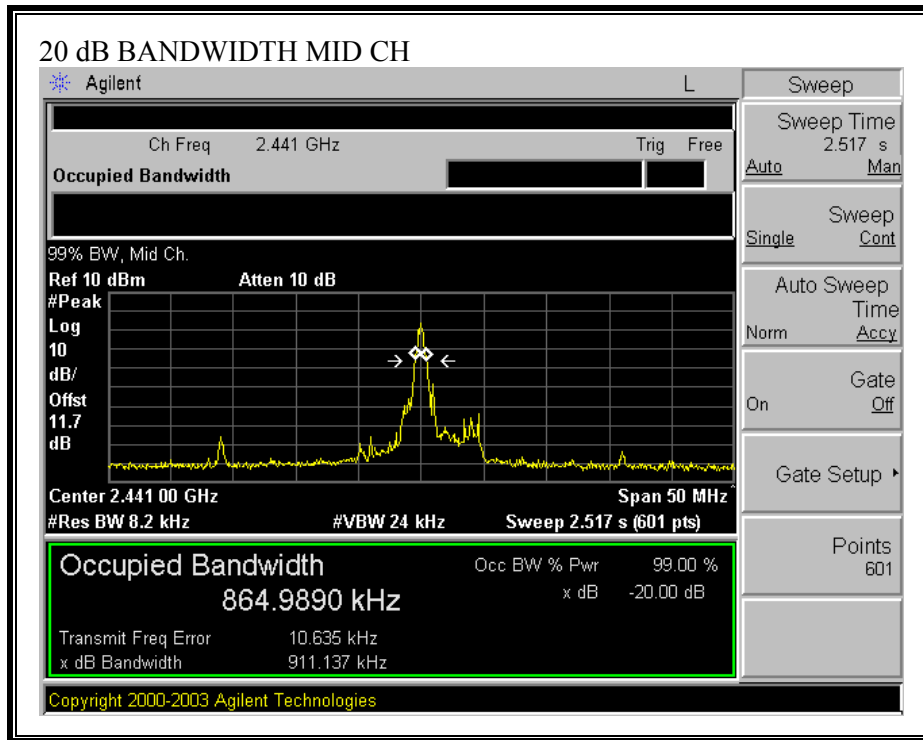
RESULTS

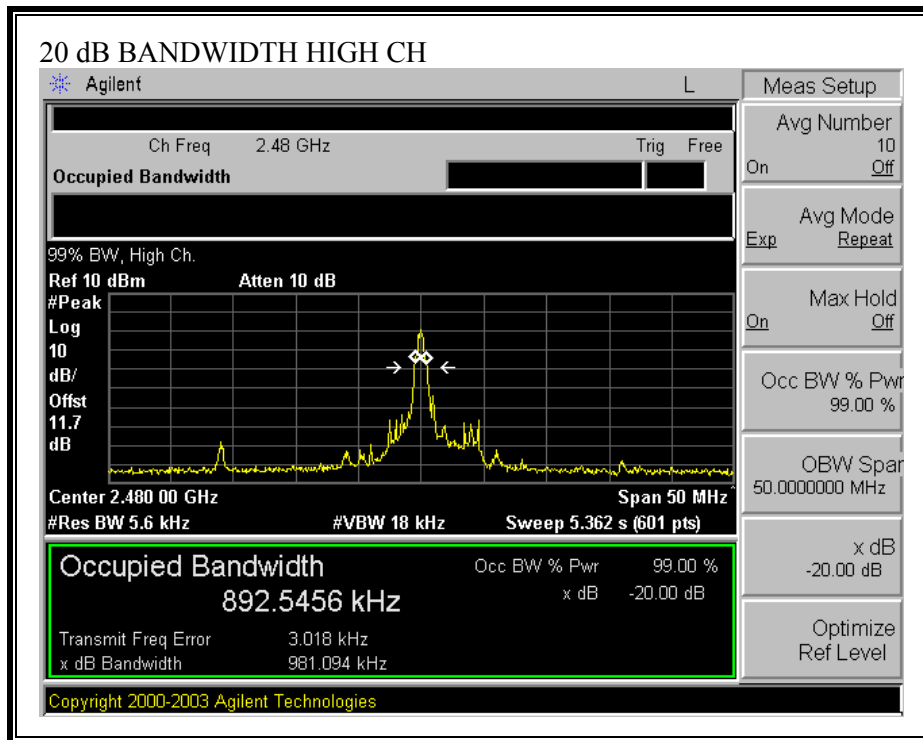
No non-compliance noted:

Channel	Frequency (MHz)	20 dB Bandwidth (kHz)
Low	2402	994.605
Middle	2441	911.137
High	2480	981.094

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 hopping channel, whichever is greater.

TEST PROCEDURE

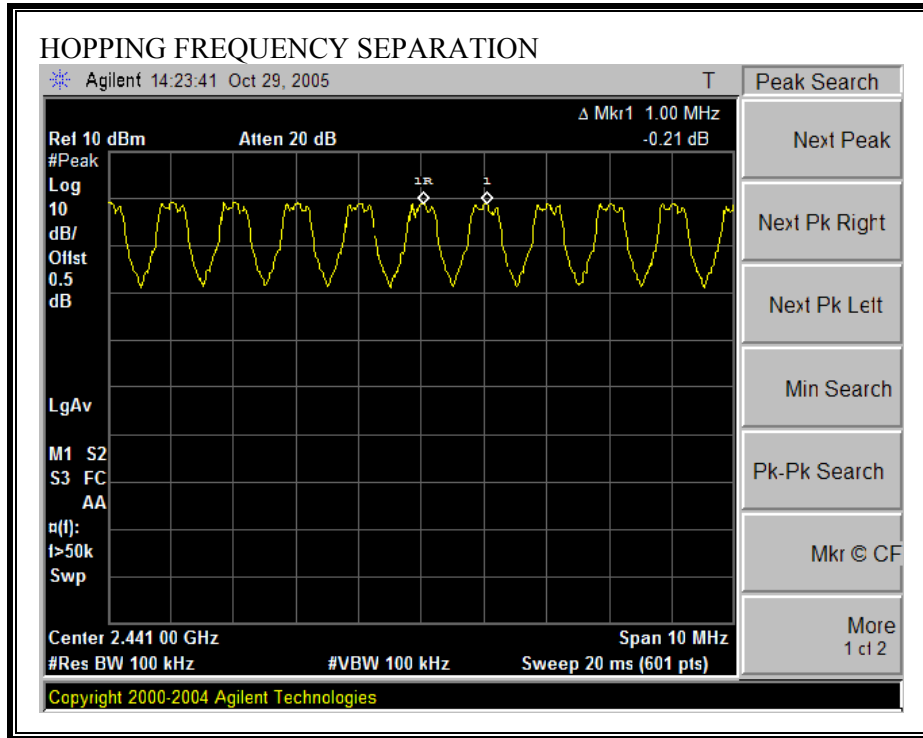
The transmitter output is connected to a spectrum analyzer. The RBW is set to 100 kHz and the VBW is set to 100 kHz. The sweep time is coupled.

RESULTS

Preliminary testing performed on the EUT demonstrated that previous test results remain valid.

No non-compliance noted:

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 non-overlapping 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.

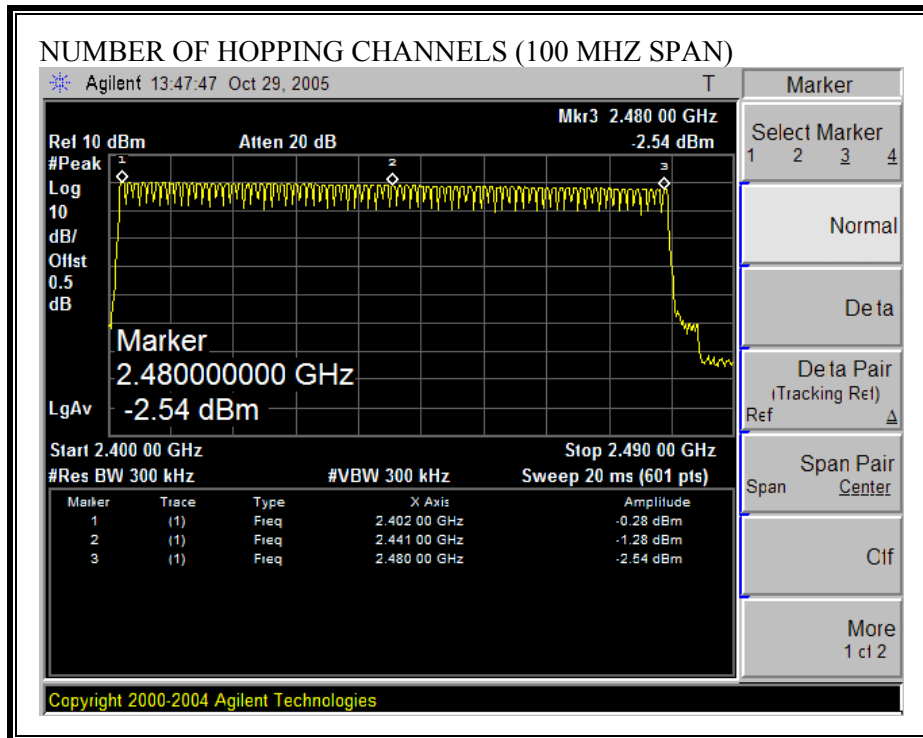
RESULTS

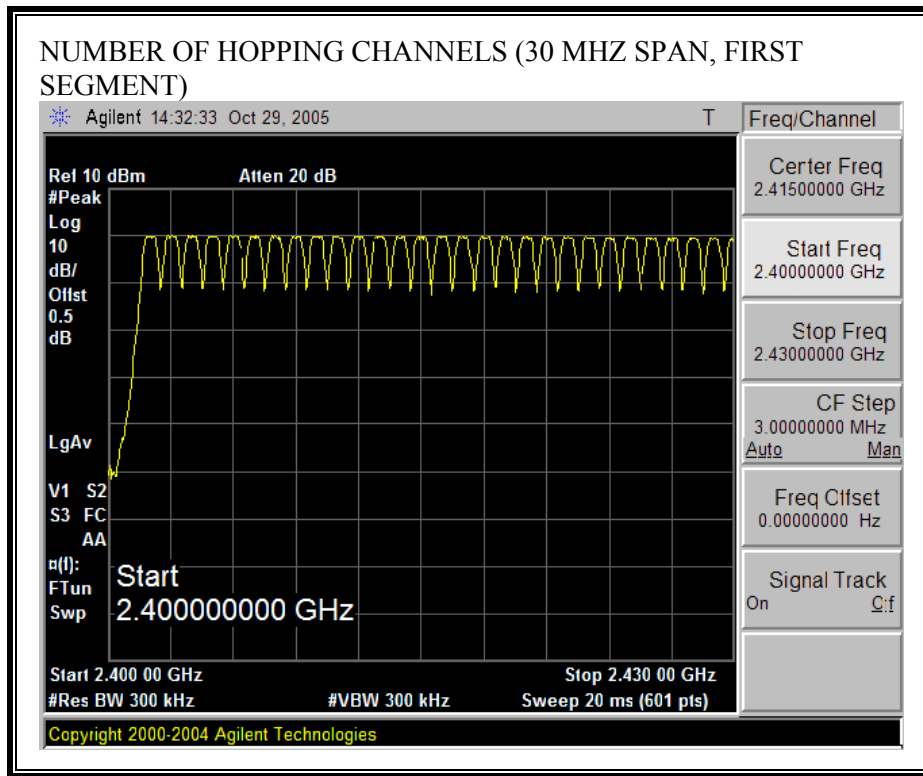
Preliminary testing performed on the EUT demonstrated that previous test results remain valid.

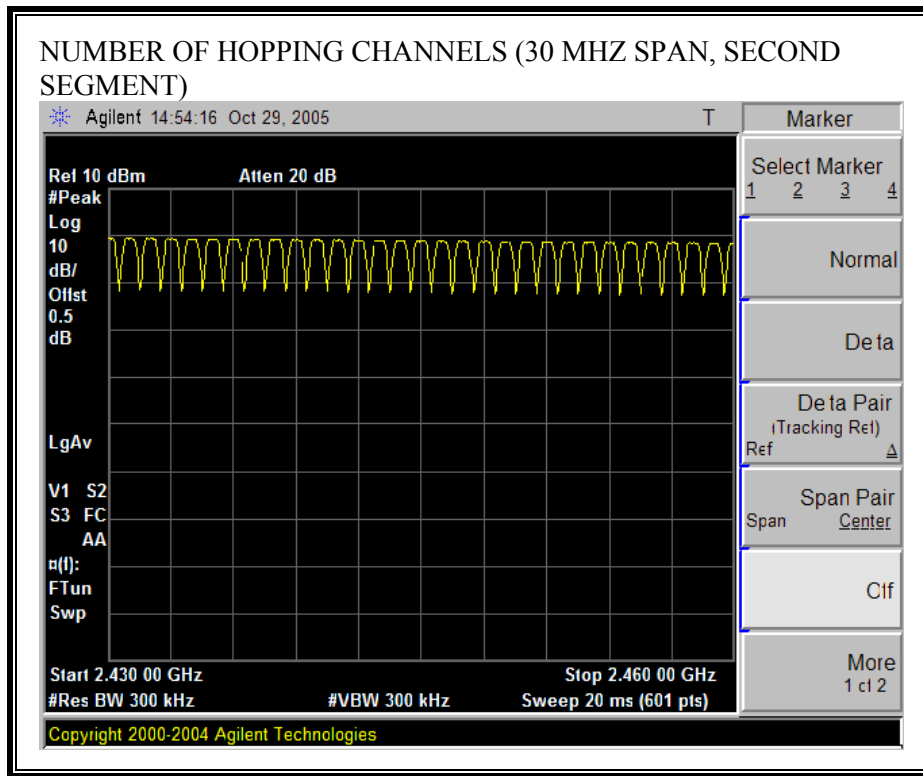
No non-compliance noted:

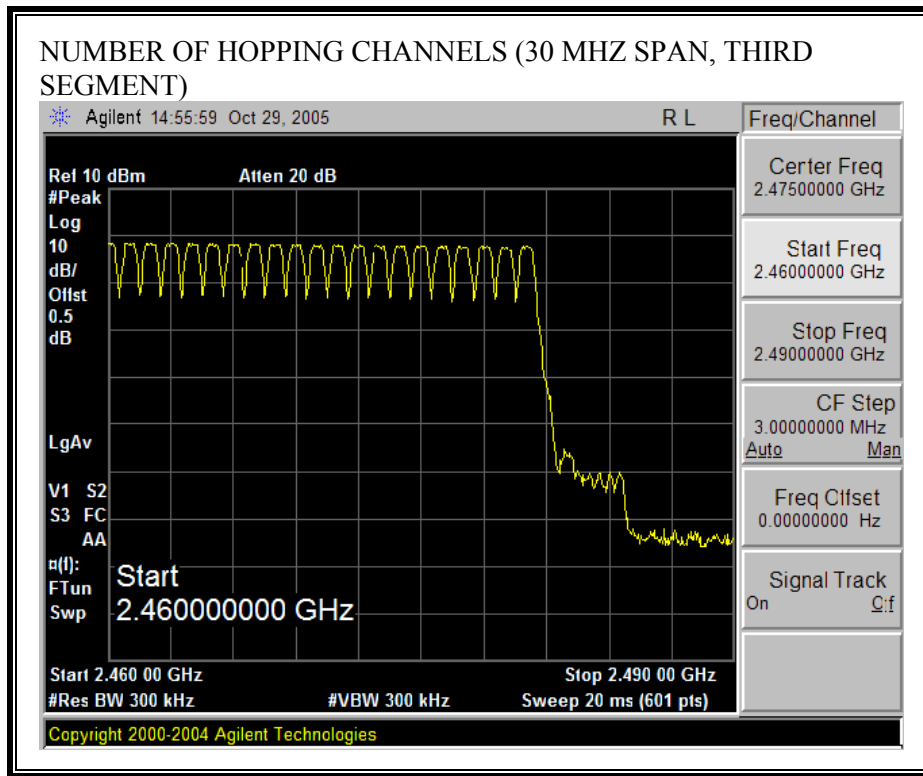
79 Channels observed.

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 non-overlapping 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 $10 * (\# \text{ of pulses in } 3.16 \text{ s}) * \text{ pulse width}$.

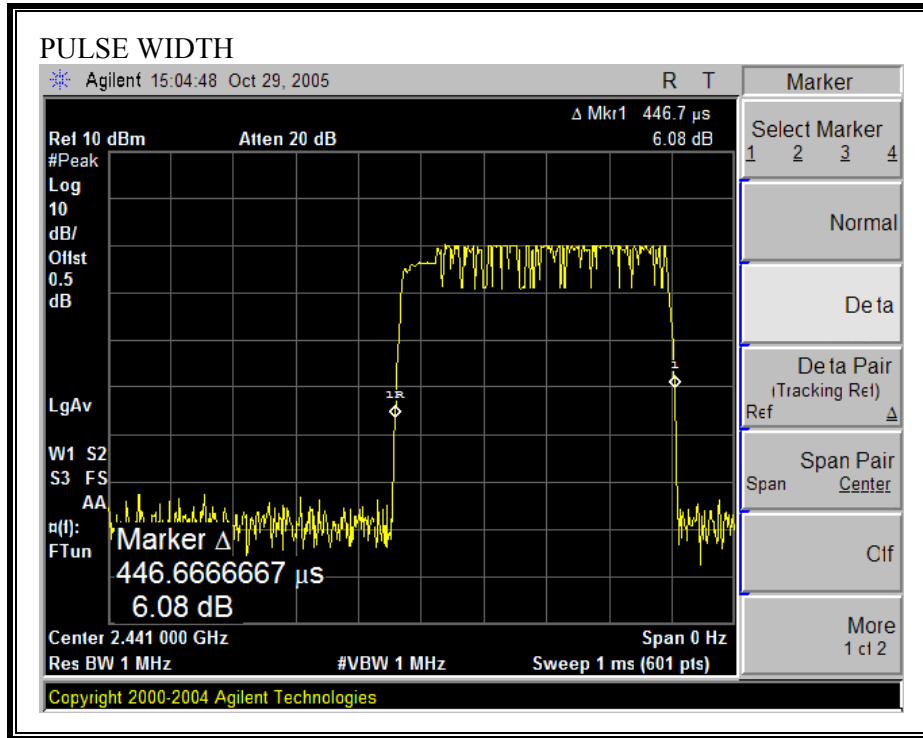
RESULTS

Preliminary testing performed on the EUT demonstrated that previous test results remain valid.

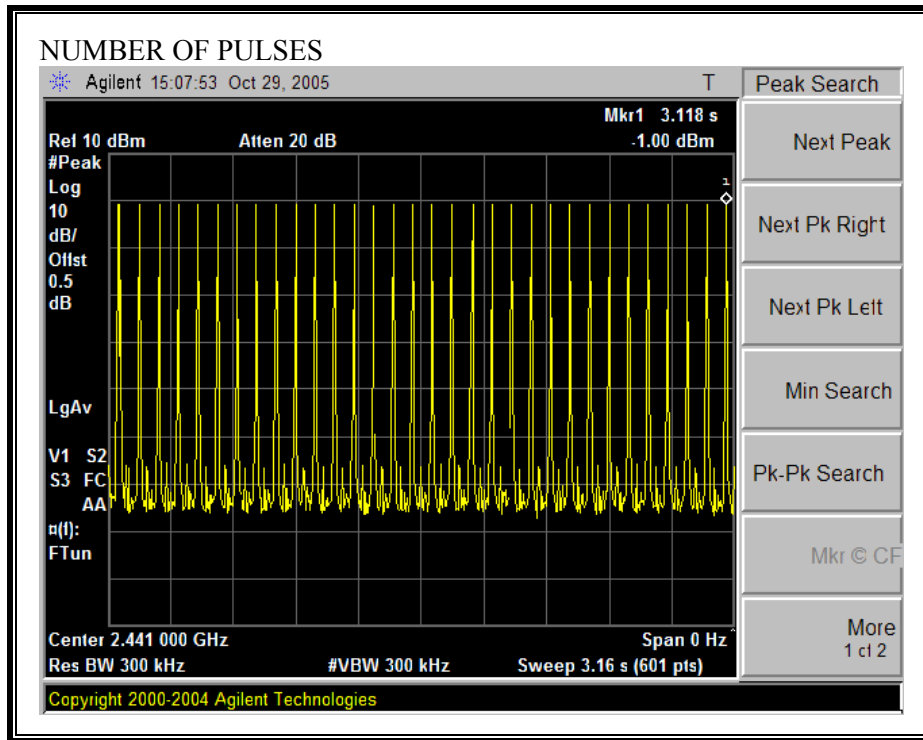
No non-compliance noted:

DH Packet	Pulse Width (msec)	Number of Pulses in 3.16 seconds	Average Time of Occupancy (sec)	Limit (sec)	Margin (sec)
1	0.4467	32	0.143	0.4	0.257

PULSE WIDTH



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.

The maximum antenna gain is 2.1 dBi; therefore the limit is 30 dBm.

TEST PROCEDURE

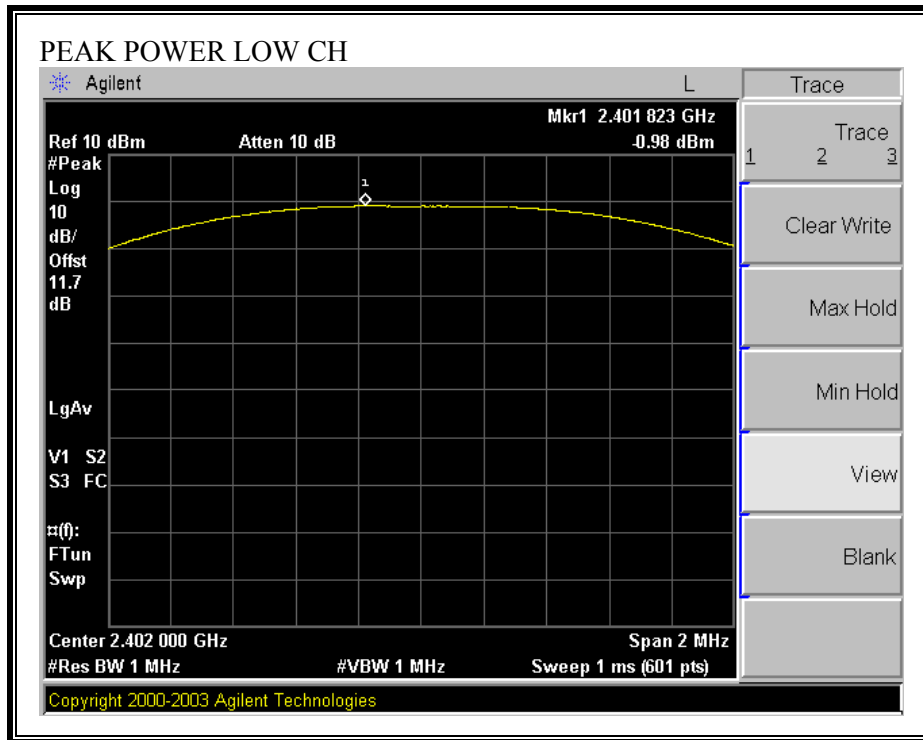
The transmitter output is connected to a spectrum analyzer and the analyzer bandwidth is set to a value greater than the 20 dB bandwidth of the EUT.

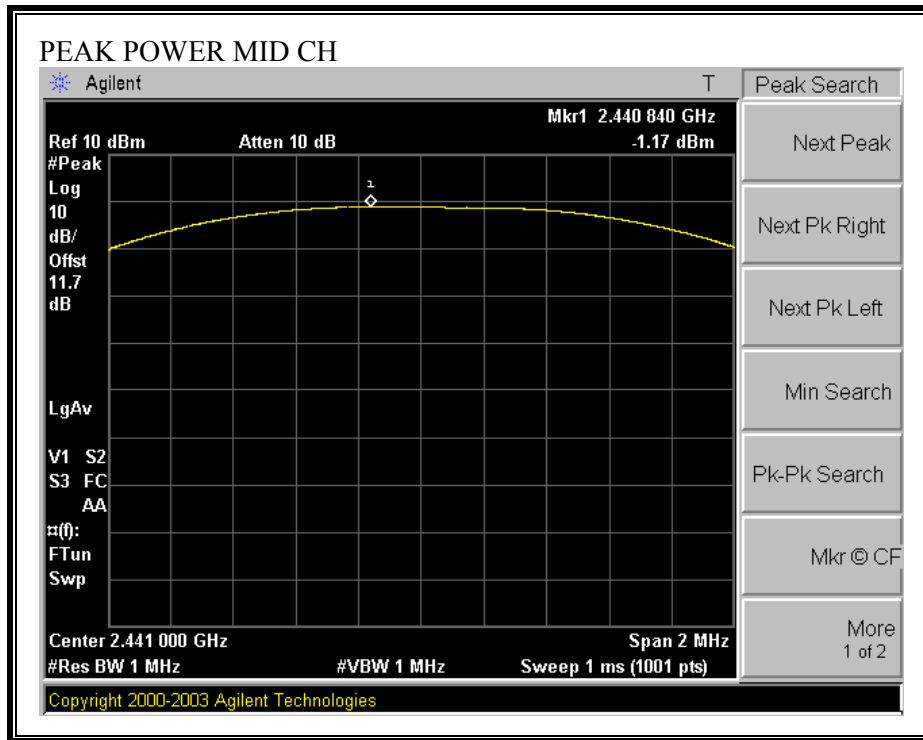
RESULTS

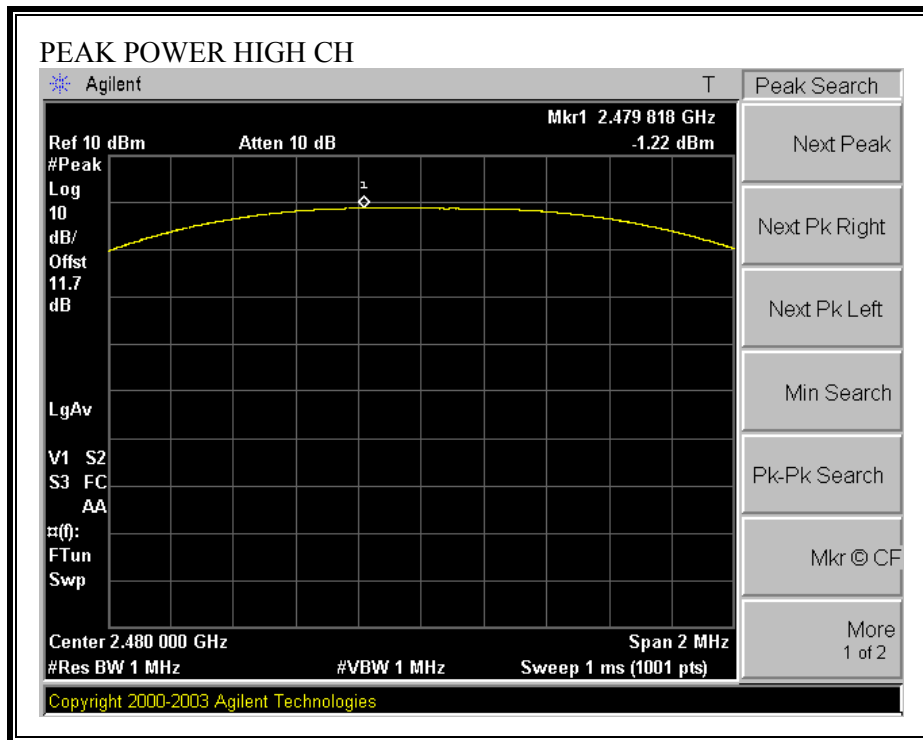
No non-compliance noted:

Channel	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Margin (dB)
Low	2402	-0.98	30	-30.98
Middle	2441	-1.17	30	-31.17
High	2480	-1.12	30	-31.12

OUTPUT POWER







7.1.6. 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 11.7 dB (including 10 dB pad and 1.7 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

Channel	Frequency (MHz)	Average Power (dBm)
Low	2402	-5.80
Middle	2441	-6.05
High	2480	-6.02

7.1.7. PEAK POWER SPECTRAL DENSITY

LIMIT

§15.247 (d) For direct sequence systems, the peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

§15.247 (f) The digital modulation operation of the hybrid system, with the frequency hopping turned off, shall comply with the power density requirements of paragraph (d) of this section.

TEST PROCEDURE

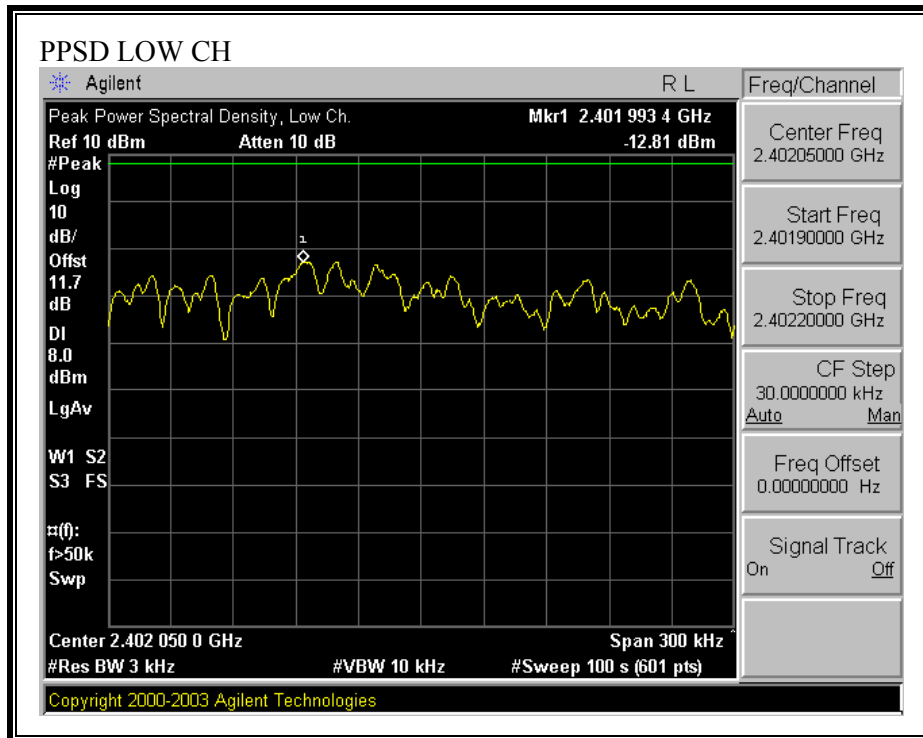
The transmitter output is connected to a spectrum analyzer, the maximum level in a 3 kHz bandwidth is measured with the spectrum analyzer using RBW = 3 kHz and VBW > 3 kHz, sweep time = span / 3 kHz, and video averaging is turned off. The PPSD is the highest level found across the emission in any 3 kHz band.

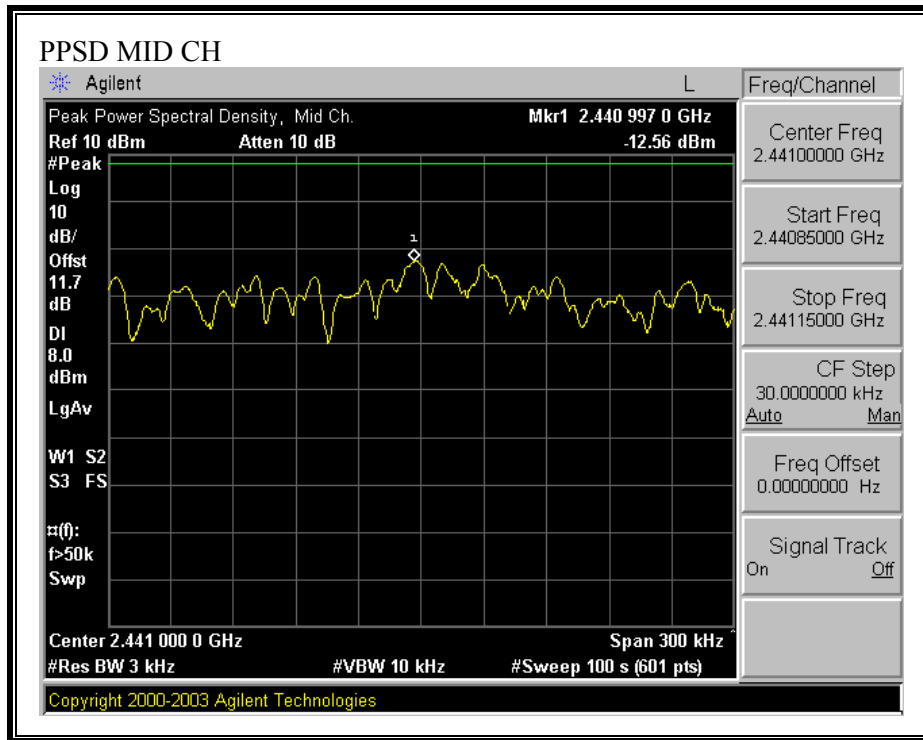
RESULTS

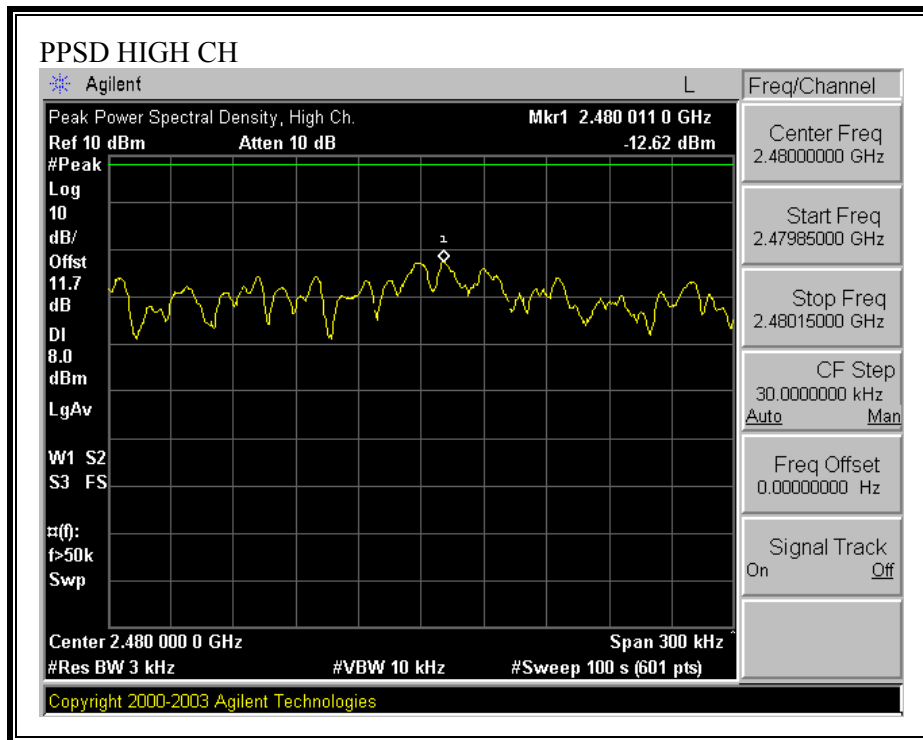
No non-compliance noted:

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Margin (dB)
Low	2402	-12.81	8	-20.81
Middle	2441	-12.56	8	-20.56
High	2480	-12.62	8	-20.62

PEAK POWER SPECTRAL DENSITY







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

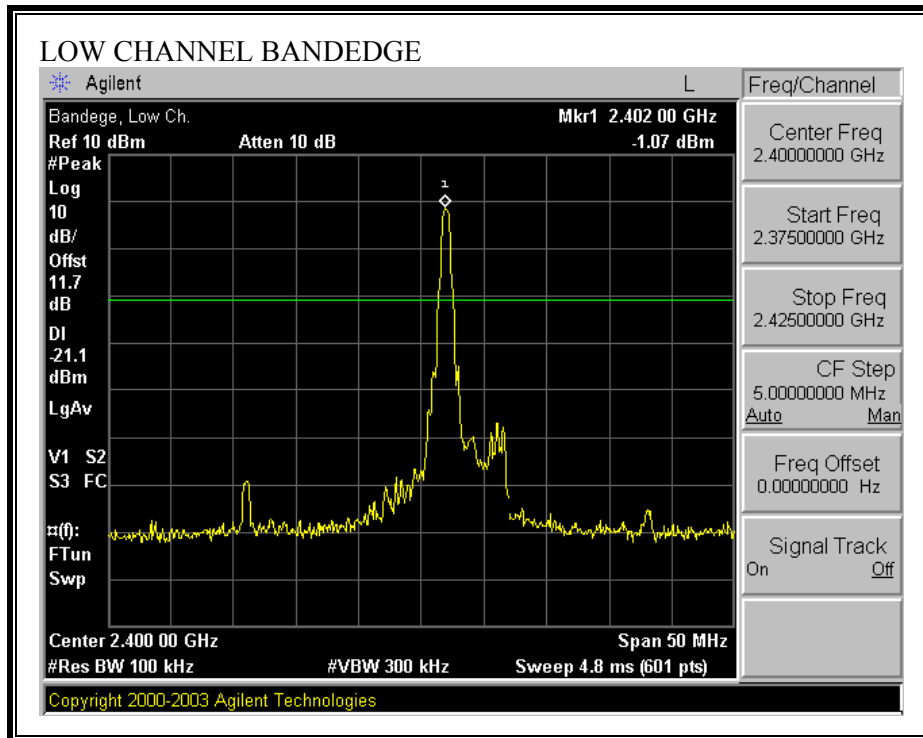
The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.

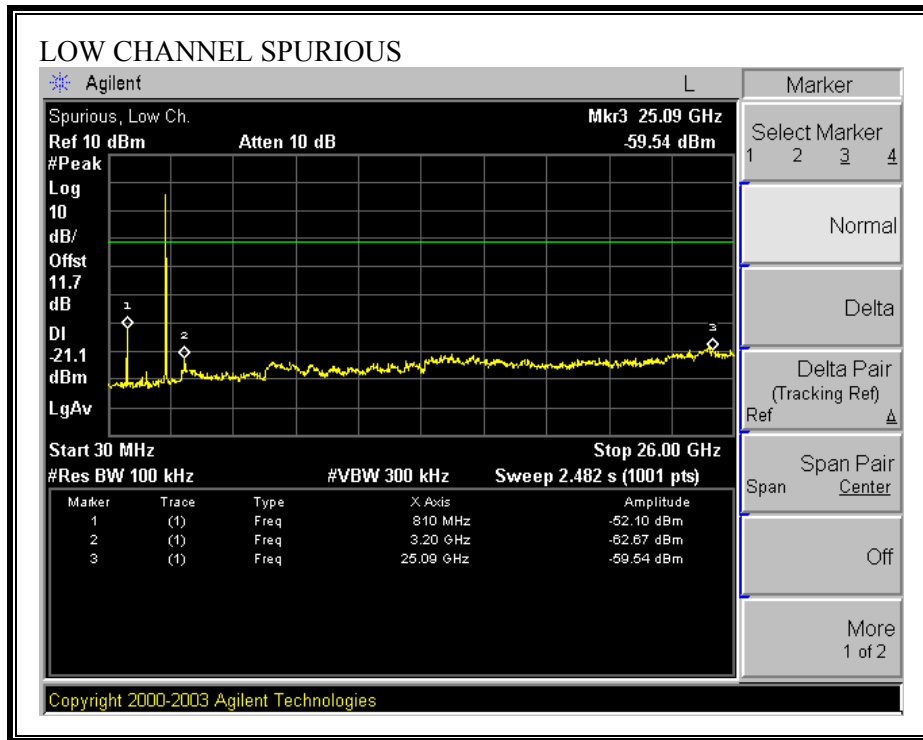
The spectrum from 30 MHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

RESULTS

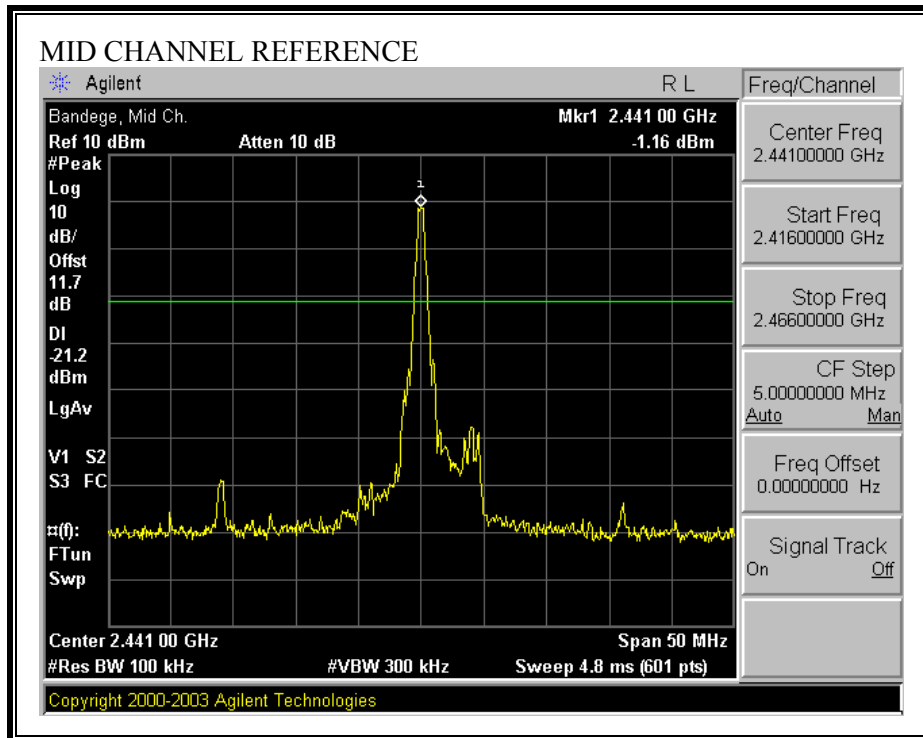
No non-compliance noted:

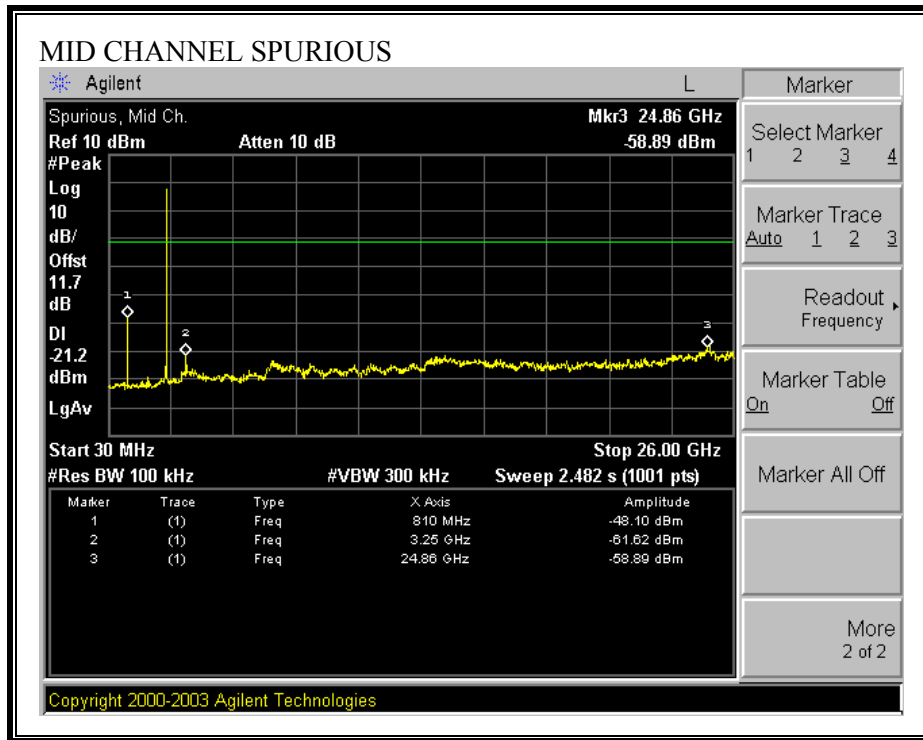
SPURIOUS EMISSIONS, LOW CHANNEL



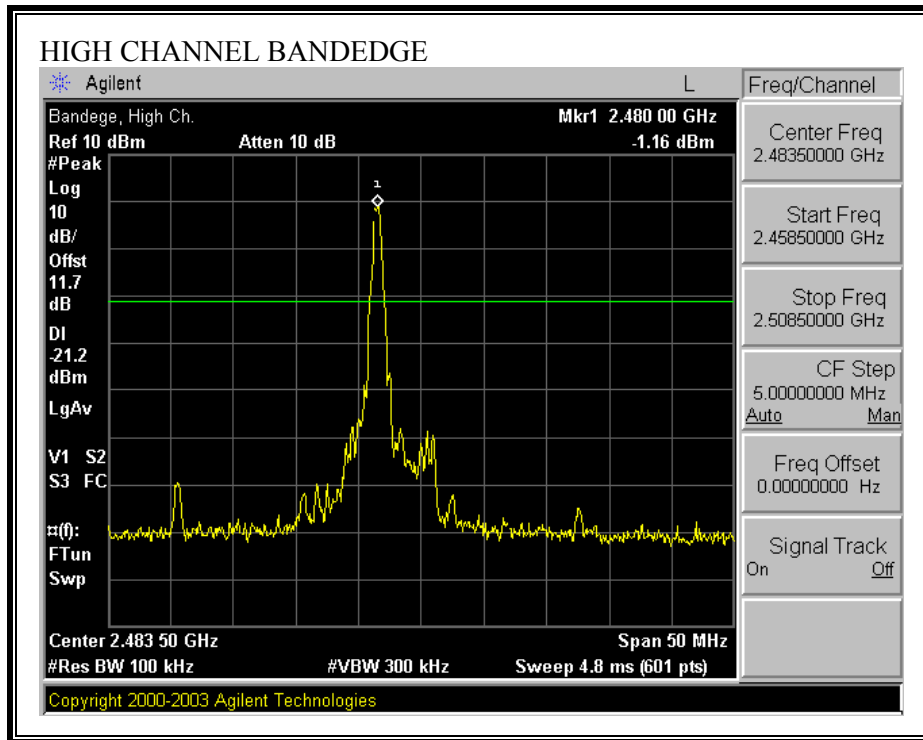


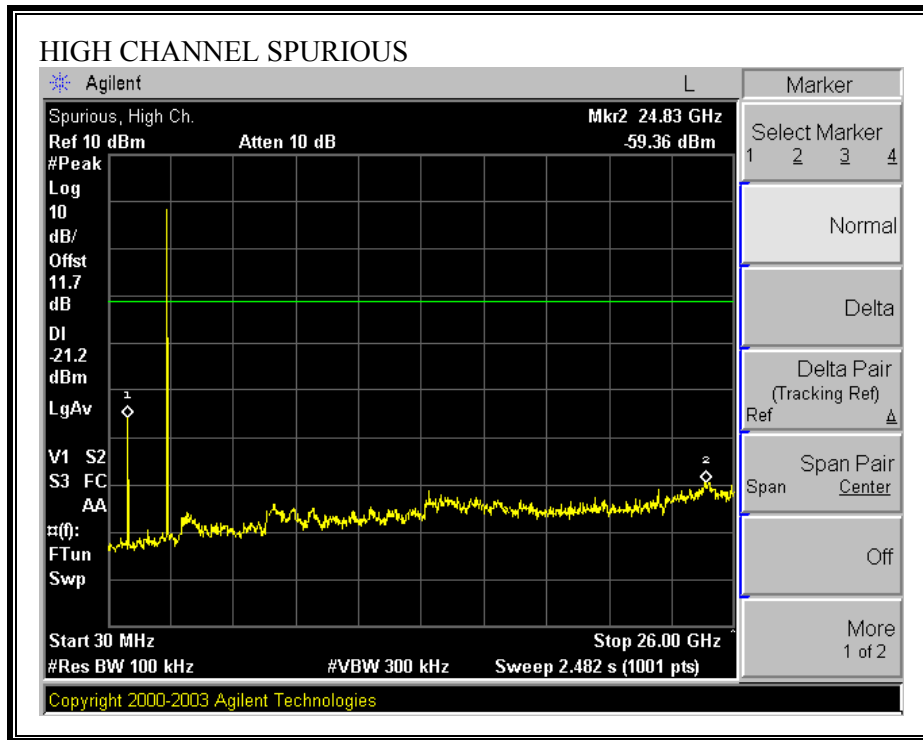
SPURIOUS EMISSIONS, MID CHANNEL





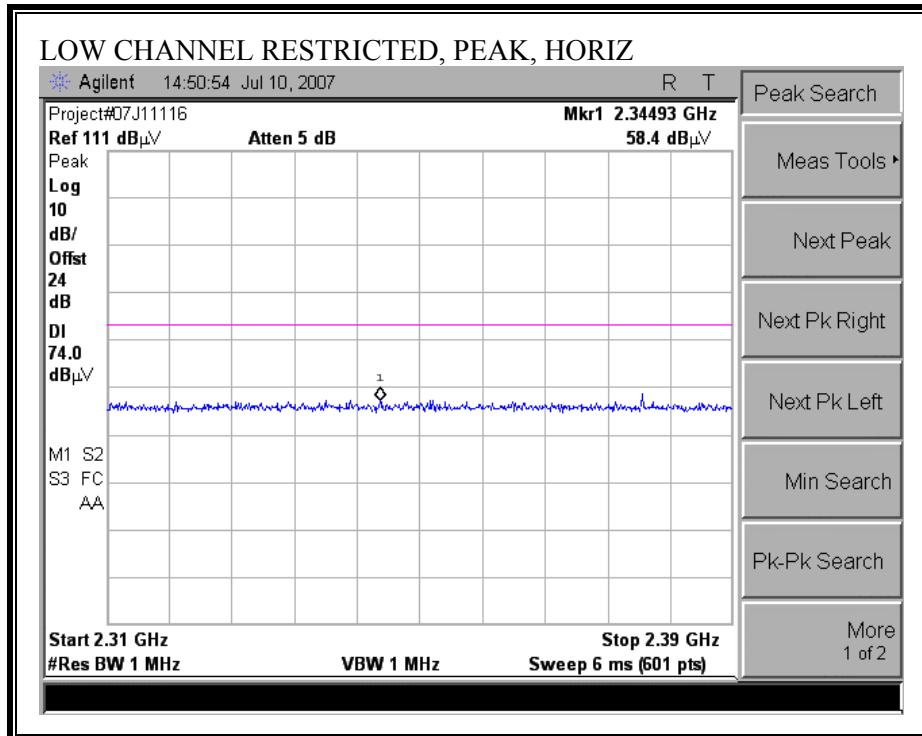
SPURIOUS EMISSIONS, HIGH CHANNEL

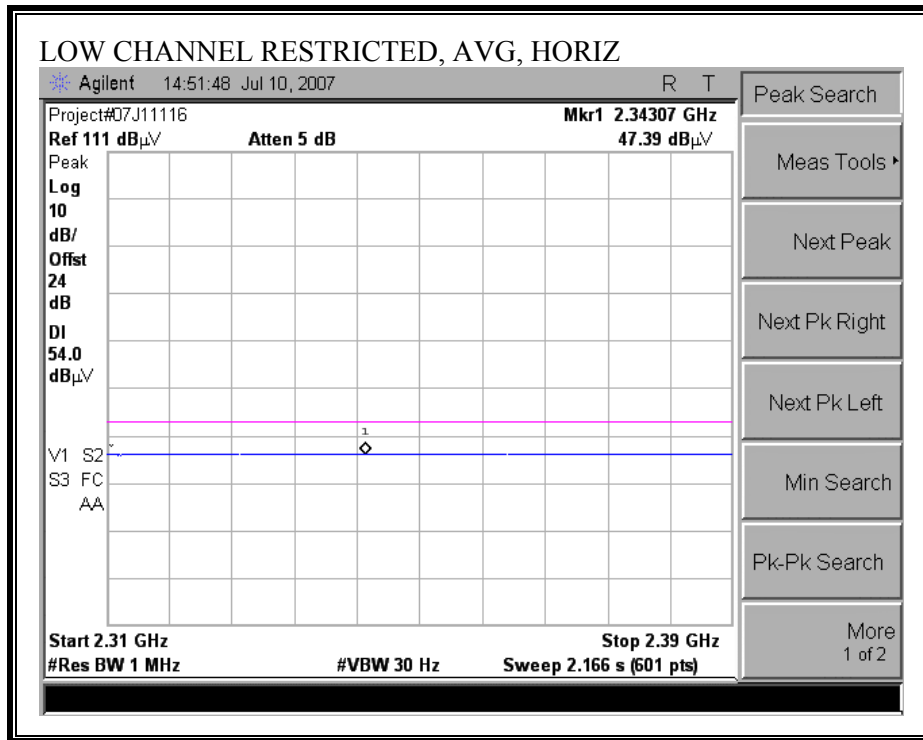




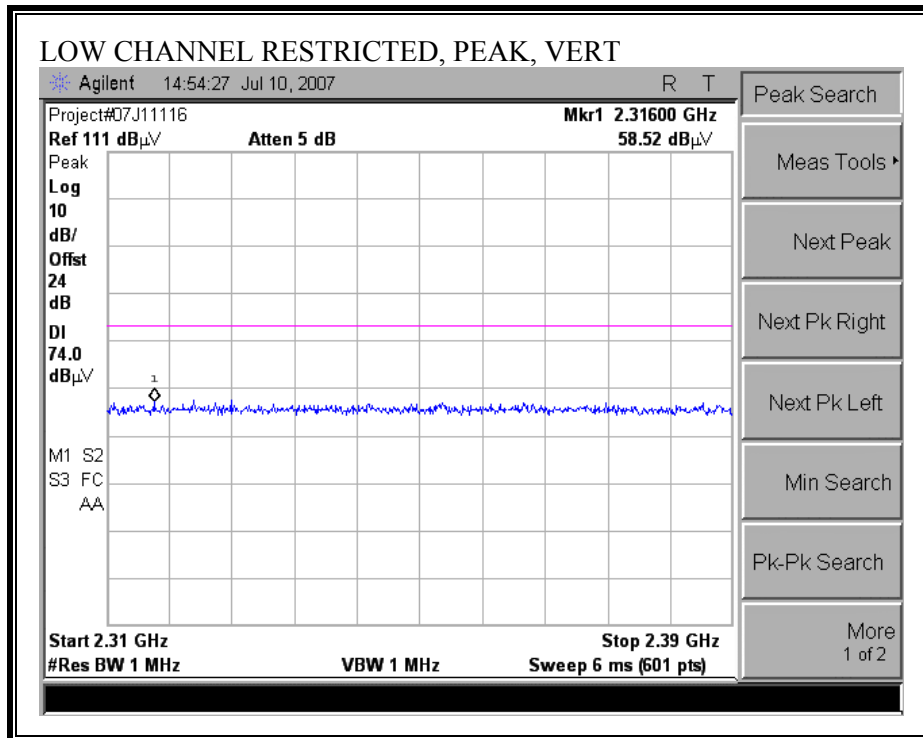
7.2. TRANSMITTER RADIATED EMISSIONS ABOVE 1 GHZ

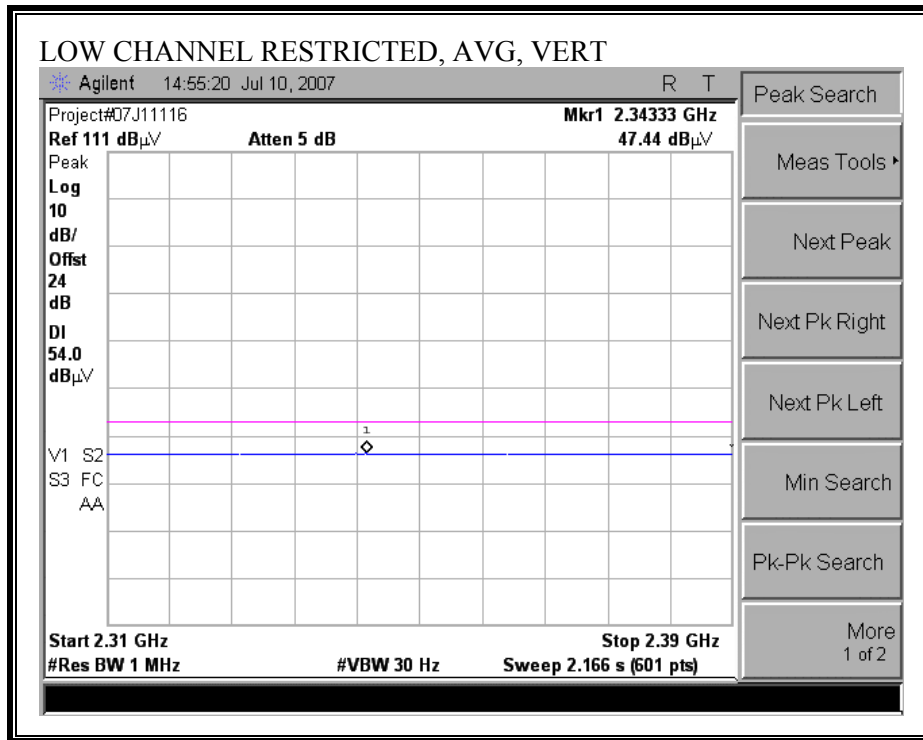
RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



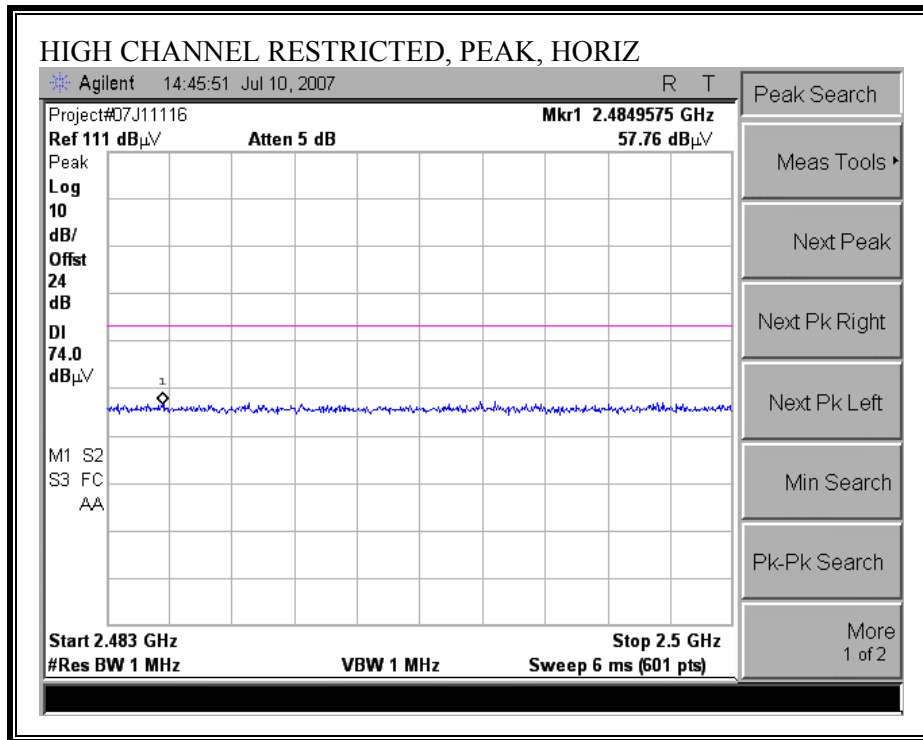


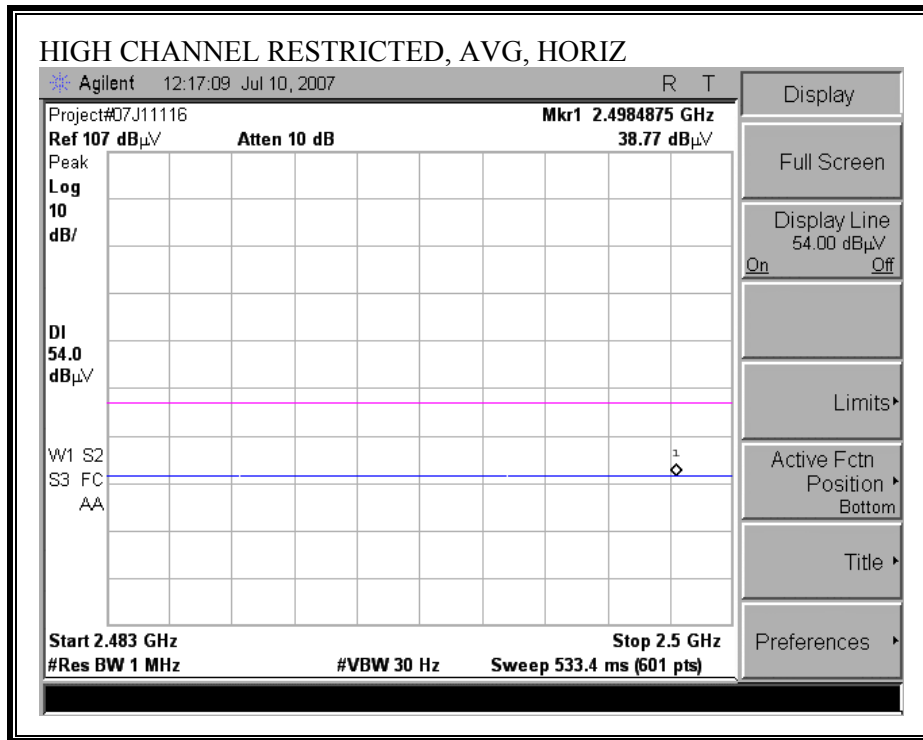
RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



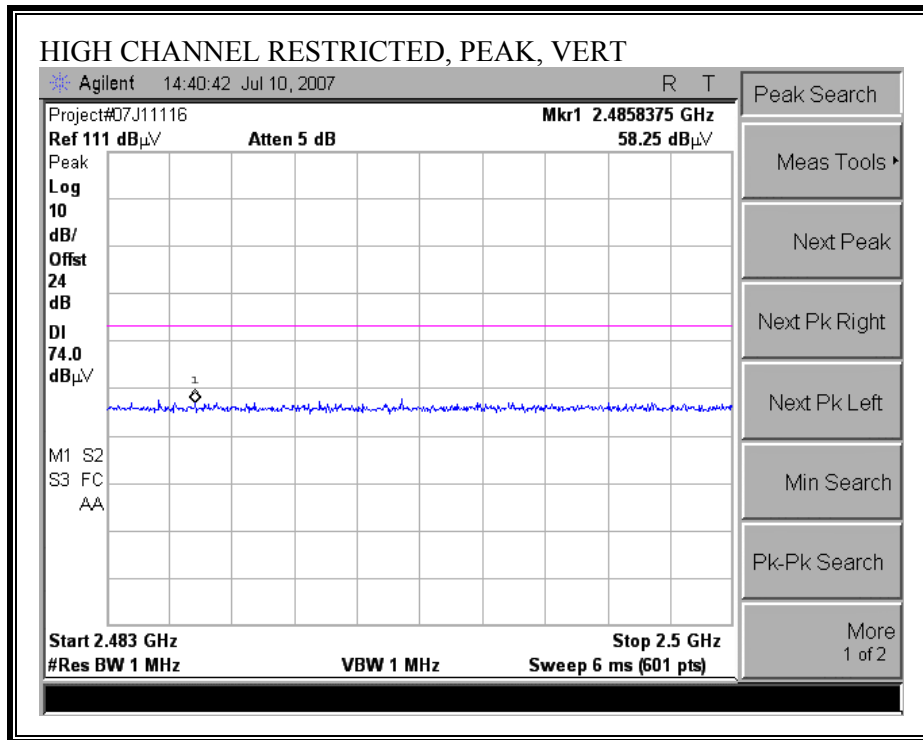


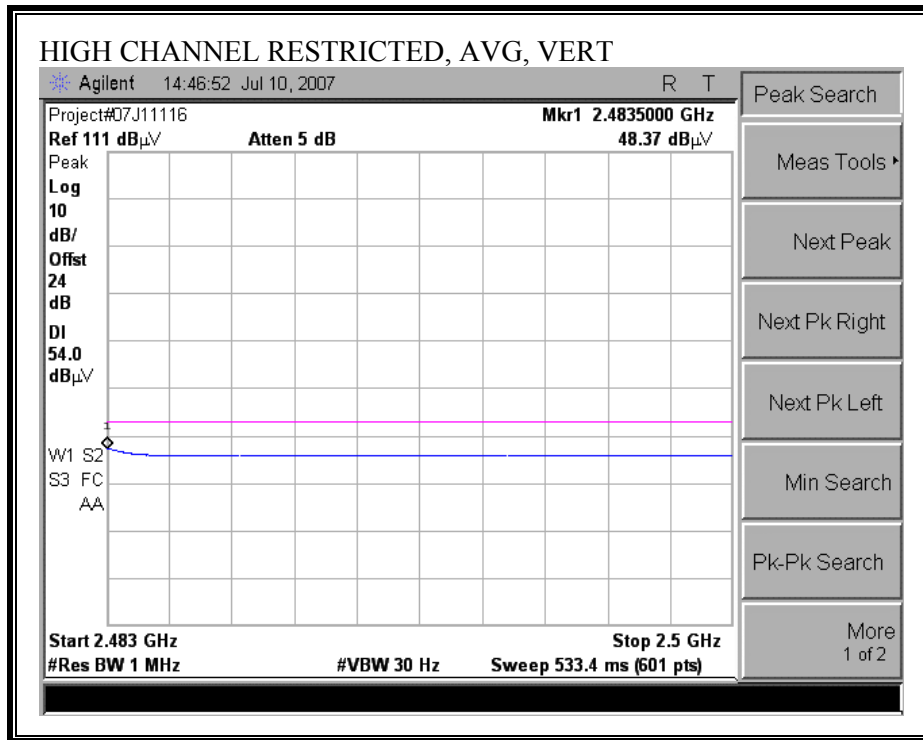
RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)





RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)





HARMONICS AND SPURIOUS EMISSIONS (TX MODE)

High Frequency Measurement
 Compliance Certification Services, Fremont 5m Chamber

Company: Casio Computer
 Project #: 07U11116
 Date: 7/10/2007
 Test Engineer: Tom Chen
 Configuration: EUT with USB Cradle (System 1)
 Mode: Tx mode Low / Mid / Hi Channels

Test Equipment:

Horn 1-18GHz	Pre-amplifer 1-26GHz	Pre-amplifer 26-40GHz	Horn > 18GHz	Limit
T60; S/N: 2238 @3m	T144 Miteq 3008A00931			FCC 15.209

Hi Frequency Cables

2 foot cable	3 foot cable	12 foot cable	HPF	Reject Filter	Peak Measurements REW=VBW=1MHz
		A-5m Chamber	HPF_4.0GHz		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	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
Low Ch (2402MHz)															
4.804	3.0	41.0	30.5	33.0	6.9	-36.5	0.0	0.6	45.0	34.5	74	54	-29.0	-19.5	V
7.206	3.0	39.8	31.0	35.4	8.4	-36.2	0.0	0.6	47.9	39.1	74	54	-26.1	-14.9	V
4.804	3.0	41.5	30.7	33.0	6.9	-36.5	0.0	0.6	45.5	34.7	74	54	-28.5	-19.3	H
7.206	3.0	38.4	30.0	35.4	8.4	-36.2	0.0	0.6	46.5	38.1	74	54	-27.5	-15.9	H
Mid Ch (2441MHz)															
4.882	3.0	41.3	31.1	33.1	6.9	-36.5	0.0	0.6	45.4	35.2	74	54	-28.6	-18.8	V
7.323	3.0	40.0	30.5	35.5	8.4	-36.2	0.0	0.6	48.3	38.8	74	54	-25.7	-15.2	V
4.882	3.0	40.9	30.7	33.1	6.9	-36.5	0.0	0.6	45.0	34.8	74	54	-29.0	-19.2	H
7.323	3.0	39.3	29.9	35.5	8.4	-36.2	0.0	0.6	47.6	38.2	74	54	-26.4	-15.8	H
Hi Ch (2480MHz)															
4.960	3.0	41.3	30.0	33.1	7.0	-36.5	0.0	0.6	45.6	34.3	74	54	-28.4	-19.7	V
7.440	3.0	40.7	30.8	35.6	8.5	-36.2	0.0	0.6	49.2	39.3	74	54	-24.8	-14.7	V
4.960	3.0	41.0	30.6	33.1	7.0	-36.5	0.0	0.6	45.3	34.9	74	54	-28.7	-19.1	H
7.440	3.0	40.1	30.3	35.6	8.5	-36.2	0.0	0.6	48.6	38.8	74	54	-25.4	-15.2	H
No other emissions were detected above system noise floor															

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		

7.3. RECEIVER RADIATED EMISSIONS ABOVE 1 GHZ

HARMONICS AND SPURIOUS EMISSIONS (RX MODE)

High Frequency Measurement
 Compliance Certification Services, Fremont 5m Chamber

Company: CASIO COMPUTER CO., LTD.
 Project #: 07J11116
 Date: 7/13/2007
 Test Engineer: MENGISTU MEKURIA
 Configuration: EUT WITH USB CRADLE
 Mode: RX MODE

Test Equipment:

Horn 1-18GHz	Pre-amplifier 1-26GHz	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit
T73; S/N: 6717 @3m	T144 Miteq 3008A00931			RX RSS 210

Hi Frequency Cables

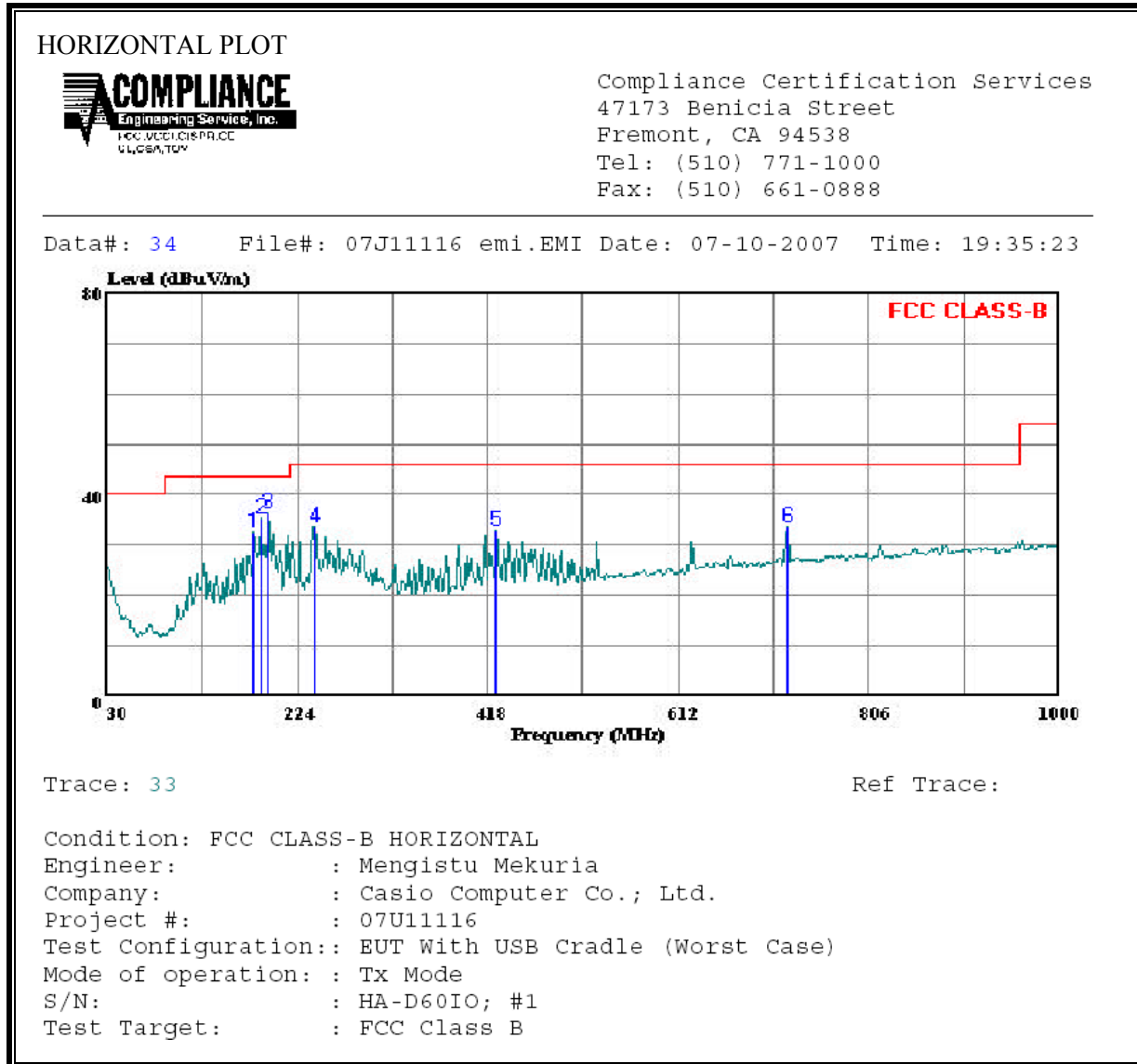
2 foot cable	3 foot cable	12 foot cable	HPF	Reject Filter	
		A-5m Chamber			Peak Measurements RBW=VBW=1MHz Average Measurements RBW=1MHz; VBW=10Hz

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)
1.008	3.0	51.0	42.3	23.8	3.0	-39.5	0.0	0.0	38.3	29.6	74	54	-35.7	-24.4	Y
1.104	3.0	51.0	44.6	24.2	3.1	-39.3	0.0	0.0	39.0	32.5	74	54	-35.0	-21.5	Y
1.626	3.0	49.0	42.0	26.1	3.8	-38.6	0.0	0.0	40.3	33.3	74	54	-33.7	-20.7	Y
1.008	3.0	48.9	39.2	23.8	3.0	-39.5	0.0	0.0	36.2	26.5	74	54	-37.8	-27.5	H
1.104	3.0	48.1	38.6	24.2	3.1	-39.3	0.0	0.0	36.0	26.6	74	54	-38.0	-27.4	H
1.626	3.0	48.6	42.4	26.1	3.8	-38.6	0.0	0.0	39.9	33.7	74	54	-34.1	-20.3	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		

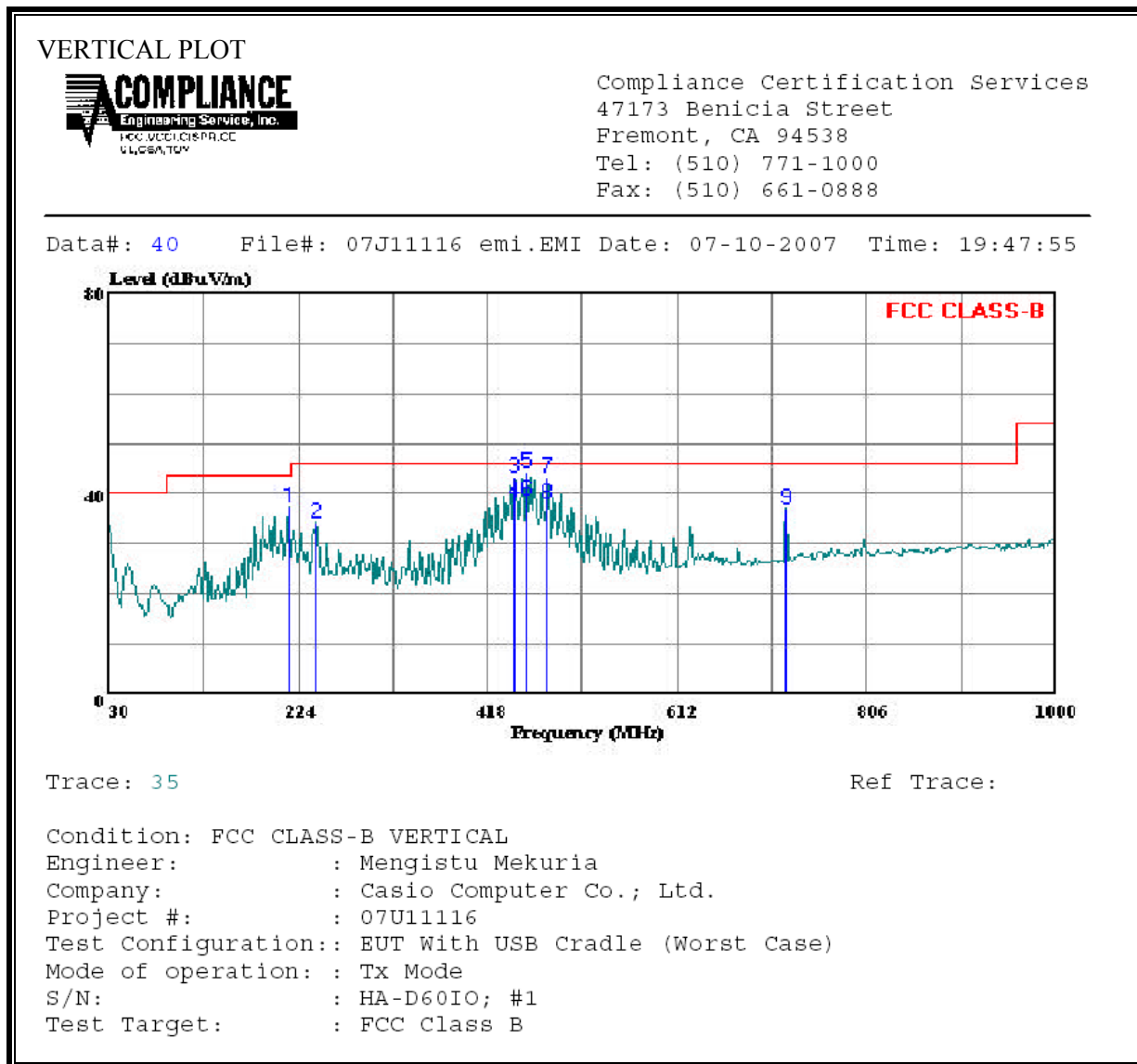
7.4. WORST-CASE RADIATED EMISSIONS BELOW 1 GHz

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



HORIZONTAL DATA							
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	179.380	47.48	-14.96	32.52	43.50	-10.98	Peak
2	187.140	50.00	-14.84	35.16	43.50	-8.34	Peak
3	193.930	50.70	-14.34	36.36	43.50	-7.14	Peak
4	242.430	48.02	-14.43	33.59	46.00	-12.41	Peak
5	426.730	41.96	-9.18	32.78	46.00	-13.22	Peak
6	722.580	36.66	-3.20	33.46	46.00	-12.54	Peak

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



VERTICAL DATA							
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	213.330	52.60	-15.37	37.23	43.50	-6.27	Peak
2	242.430	48.86	-14.43	34.43	46.00	-11.57	Peak
3	445.233	52.09	-8.65	43.44	46.00	-2.56	Peak
4	445.233	47.06	-8.68	38.38	46.00	-7.62	QP
5	458.230	52.71	-8.30	44.41	46.00	-1.59	Peak
6	458.230	47.22	-8.37	38.85	46.00	-7.15	QP
7	477.725	50.94	-7.81	43.13	46.00	-2.87	Peak
8	477.725	45.85	-7.88	37.97	46.00	-8.03	QP
9	722.580	40.29	-3.20	37.09	46.00	-8.91	Peak

7.5. 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 μ H/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.

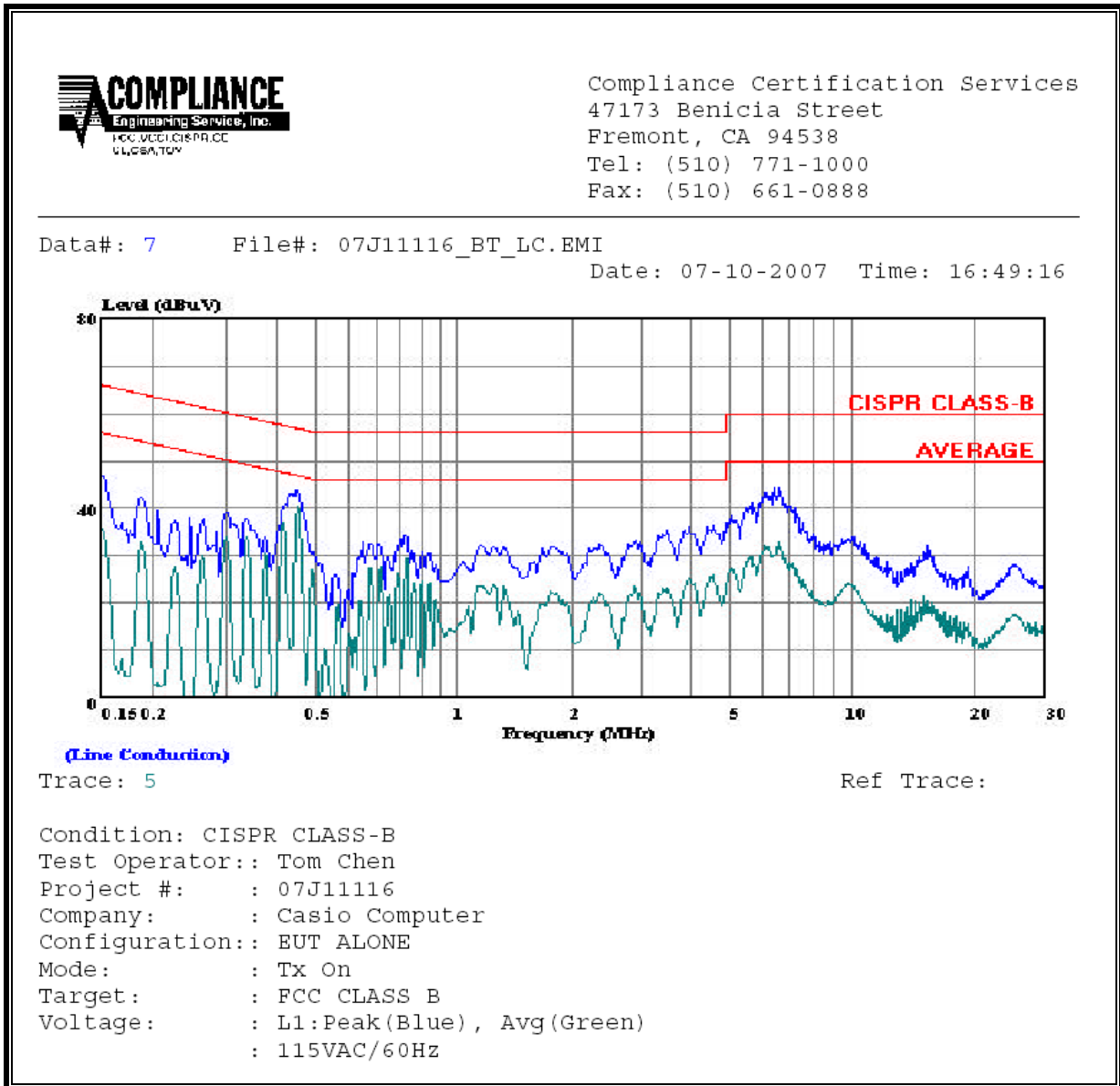
RESULTS

No non-compliance noted:

6 WORST EMISSIONS

CONDUCTED EMISSIONS DATA (115VAC 60Hz)										
Freq. (MHz)	Reading			Class (dB)	Limit QP	FCC B		Margin		Remark L1 / L2
	PK (dBuV)	QP (dBuV)	AV (dBuV)			AV	QP (dB)	AV (dB)		
0.15	50.40	--	35.02	0.00	65.89	55.89	-15.49	-20.87	L1	
0.45	43.88	--	40.67	0.00	56.89	46.89	-13.01	-6.22	L1	
6.70	44.30	--	31.65	0.00	60.00	50.00	-15.70	-18.35	L1	
0.15	42.12	--	29.29	0.00	66.00	56.00	-23.88	-26.71	L2	
0.44	42.82	--	38.10	0.00	57.06	47.06	-14.24	-8.96	L2	
6.66	43.80	--	31.55	0.00	60.00	50.00	-16.20	-18.45	L2	
6 Worst Data										

LINE 1 RESULTS



LINE 2 RESULTS

