



FCC 47 CFR PART 15 SUBPART C

TEST REPORT

For

Solar Powered BT Speakerphone with TTS

Model: BC960S,5506743

Brand: N/A

Test Report Number:

SZ120628B01-RP

Prepared for

Sunitec Enterprise Co., Ltd

10F.-1, No.200, Jingping Rd., Jhonghe City, Taipei County, 23581, Taiwan

Prepared by

COMPLIANCE CERTIFICATION SERVICES (SHENZHEN) INC.

**No.10-1, Mingkeda Logistics Park, No.18, Huanguan South Rd.,
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Issued Date: July 9,2012



TESTING CERT #2861.01

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Revision History

Rev.	Issue No.	Revisions	Effect Page	Revised By
00	SZ120628B01-RP	Initial Issue	ALL	Anna Liu



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1. TEST RESULT CERTIFICATION

Product: Solar Powered BT Speakerphone with TTS
Model: BC960S,5506743
Brand: N/A
Tested: June 28~July 9,2012
Applicant: Sunitec Enterprise Co., Ltd
 10F.-1, No.200, Jingping Rd., Jhonghe City, Taipei County, 23581, Taiwan
Manufacturer: Sunitec Enterprise Co., Ltd
 No.2,Qilin Road 2, RunTang Ind, Dan-Keng Village Fu Min Community, Guan-Lan Town, BaoAn District, Shenzhen Guangdong China

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 15 Subpart C	No non-compliance noted

We hereby certify that:

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4:2009 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.207, 15.209 and 15.247.

The test results of this report relate only to the tested sample EUT identified in this report.

Approved by:

Tom Gan
 Supervisor of EMC Dept.
 Compliance Certification Service Inc.

Reviewed by:

Aven Zhou
 Supervisor of Report Dept.
 Compliance Certification Service Inc.



2. EUT DESCRIPTION

Product	Solar Powered BT Speakerphone with TTS
Model Number	BC960S,5506743
Brand	N/A
Model Discrepancy	Just their model name was different.
Identify Number	SZ120628B01-RP
USB Cable	Unshielded, 1.00m
Power Supply	DC12/24V supplied by the car charger or DC3.7V supplied by the battery
Received Date	June 28,2012
Frequency Range	2402 ~ 2480 MHz
Transmit Power	GFSK :6.85dBm 8DPSK :5.02dBm
Modulation Technique	FHSS (GFSK for 1Mbps, $\pi/4$ -DQPSK for 2Mbps, 8DPSK for 3Mbps)
Number of Channels	79 Channels
Antenna Specification	Meander Line Antenna with 2.12dBi gain(Max)
Temperature Range	-20°C ~ +70°C

Note: This submittal(s) (test report) is intended for FCC ID: RA8-BC012 filing to comply with Section 15.207, 15.209 and 15.247 of the FCC Part 15, Subpart C Rules.



3. TEST METHODOLOGY

3.1 DESCRIPTION OF TEST MODES

The EUT has been tested under operating condition.

Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

The following test mode(s) were scanned during the preliminary test below 1G:

Test Item	Test mode	Worse mode
Conducted Emission	N/A	
Radiated Emission	Mode 1: TX	<input checked="" type="checkbox"/>

Above 1G, Channel Low (2402MHz) · Mid (2441MHz) and High (2480MHz) were chosen for full testing for GFSK and 8DPSK.



4. FACILITIES AND ACCREDITATIONS

4.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

**No.10-1, Mingkeda Logistics Park, No.18, Huanguan South Rd.,
Guan Lan Town, Baoan District, Shenzhen, China**

The sites are constructed in conformance with the requirements of ANSI C63.4:2009, ANSI C63.7 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

4.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

USA	A2LA
China	CNAS

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

USA	FCC
Japan	VCCI(C-3478, R-3135, T-652)
Canada	INDUSTRY CANADA
Taiwan	BSMI
Norway	Nemko

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.ccsrf.com>

4.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	9kHz~30MHz	+/- 3.18dB
Radiated emissions	30MHz ~ 200MHz	+/- 3.79dB
	200MHz ~1000MHz	+/- 3.62dB
	Above 1000MHz	+/- 5.04dB
Band Edges	+/-0.182 dB	

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

The measured result is above (below) the specification limit by a margin less than the measurement uncertainty; it is therefore not possible to state compliance based on the 95% level of confidence. However, the result indicates that compliance (non-compliance) is more probable than non-compliance) with the specification limit.



5. SETUP OF EQUIPMENT UNDER TEST

5.1 SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

5.2 SUPPORT EQUIPMENT

No.	Equipment	Model No.	Serial No.	FCC ID	Brand	Data Cable	Power Cord
1	Notebook	992F2VG	62P7043	N/A	IBM	Shielded 1.50m	Unshielded 1.80m

Notes:

Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.



6. FCC PART 15.247 REQUIREMENTS

6.1 20dB BANDWIDTH

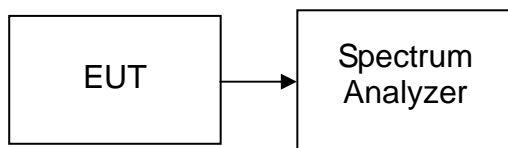
None; for reporting purpose only.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

TEST CONFIGURATION



TEST PROCEDURE

1. Place the EUT on the table and set it in the transmitting mode.
2. Remove the antenna from the EUT, then connect a low loss RF cable from antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW=30kHz, VBW=30kHz, Span=3MHz, Sweep = auto.
4. Mark the peak frequency and 20dB (upper and lower) frequency.
5. Repeat until all the test channels are investigated.

TEST RESULTS

No non-compliance noted

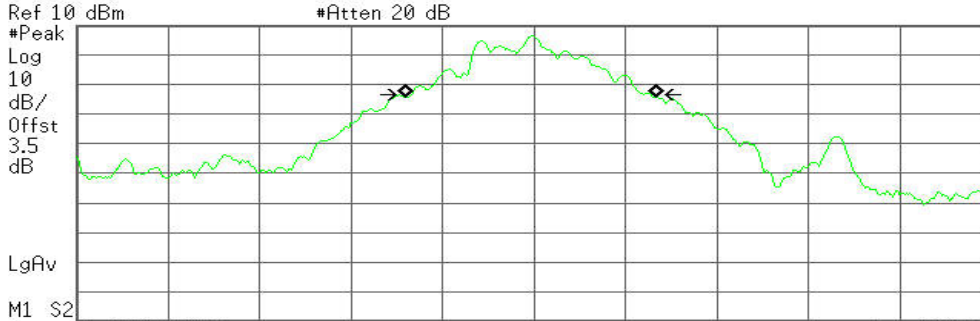


Test plot (GFSK)

20dB Bandwidth (CH Low)

Agilent

R T



Center 2.402 000 GHz Span 3 MHz
 #Res BW 30 kHz VBW 30 kHz Sweep 4.04 ms (601 pts)

Occupied Bandwidth
 819.5725 kHz

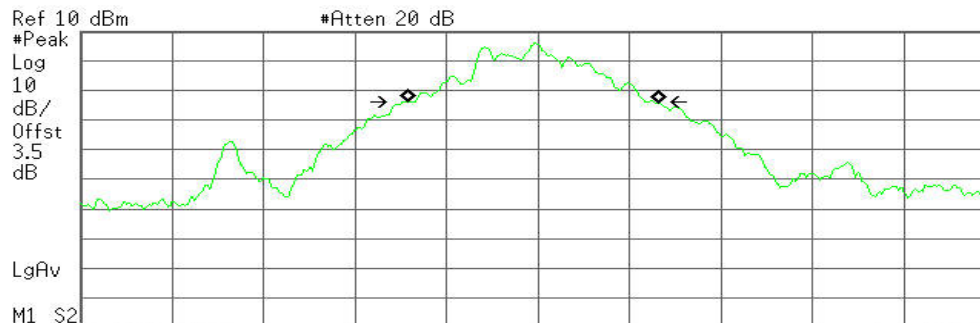
Occ BW % Pwr 99.00 %
 x dB -20.00 dB

Transmit Freq Error -11.247 kHz
 x dB Bandwidth 778.889 kHz

20dB Bandwidth (CH Mid)

Agilent

R T



Center 2.441 000 GHz Span 3 MHz
 #Res BW 30 kHz VBW 30 kHz Sweep 4.04 ms (601 pts)

Occupied Bandwidth
 821.9228 kHz

Occ BW % Pwr 99.00 %
 x dB -20.00 dB

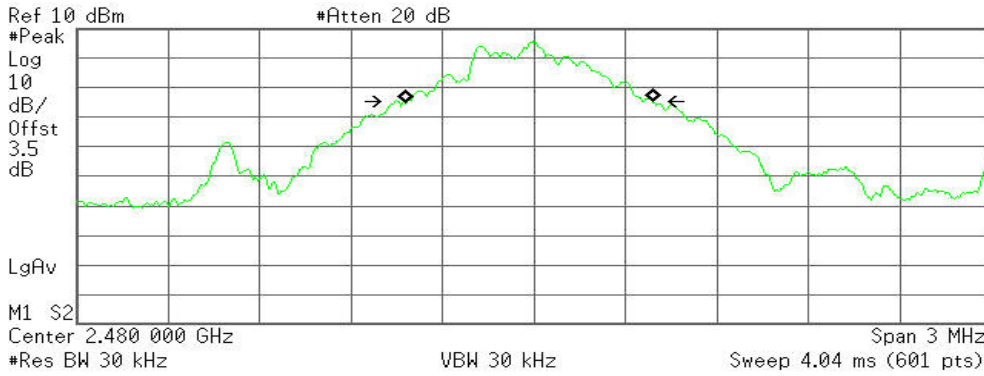
Transmit Freq Error -15.814 kHz
 x dB Bandwidth 829.620 kHz



20dB Bandwidth (CH High)

Agilent

R T



Occupied Bandwidth
808.1412 kHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error -14.743 kHz
x dB Bandwidth 839.577 kHz

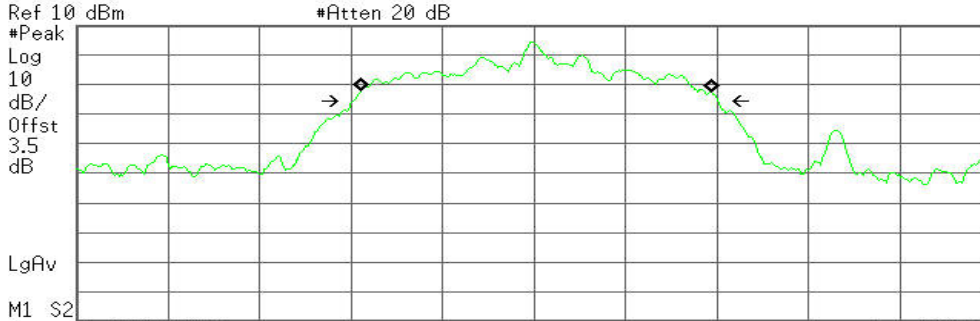


Test plot (8DPSK)

20dB Bandwidth (CH Low)

Agilent

R T



Ref 10 dBm #Atten 20 dB
 #Peak Log 10 dB/Offst 3.5 dB
 M1 S2
 Center 2.402 000 GHz Span 3 MHz
 #Res BW 30 kHz VBW 30 kHz Sweep 4.04 ms (601 pts)

Occupied Bandwidth
 1.1436 MHz

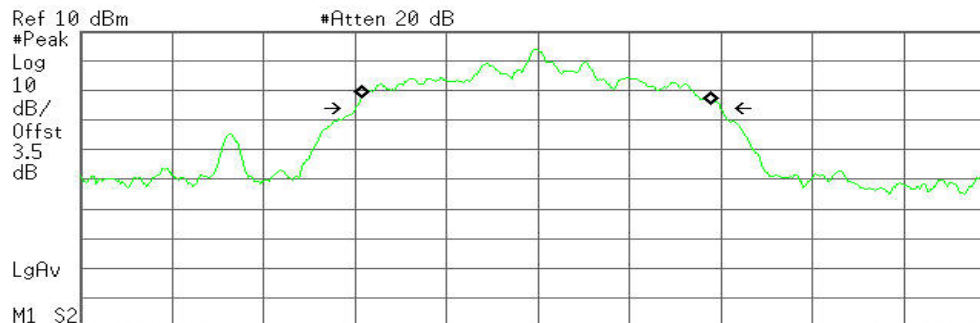
Occ BW % Pwr 99.00 %
 x dB -20.00 dB

Transmit Freq Error 5.485 kHz
 x dB Bandwidth 1.196 MHz

20dB Bandwidth (CH Mid)

Agilent

R T



Ref 10 dBm #Atten 20 dB
 #Peak Log 10 dB/Offst 3.5 dB
 M1 S2
 Center 2.441 000 GHz Span 3 MHz
 #Res BW 30 kHz VBW 30 kHz Sweep 4.04 ms (601 pts)

Occupied Bandwidth
 1.1423 MHz

Occ BW % Pwr 99.00 %
 x dB -20.00 dB

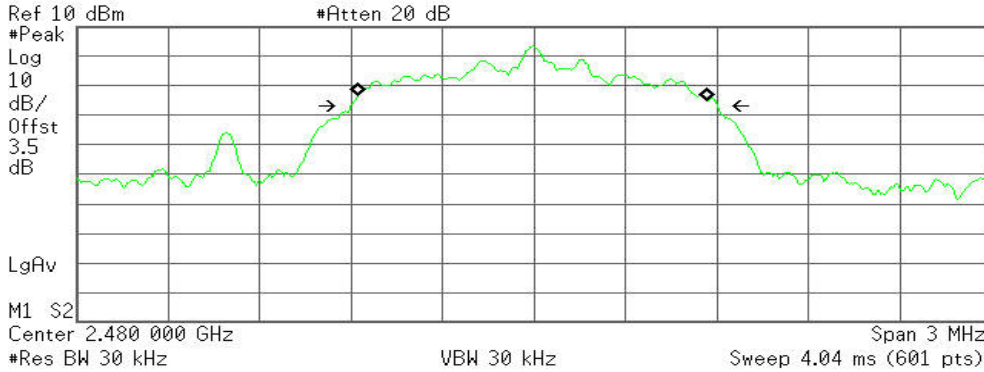
Transmit Freq Error -5.386 kHz
 x dB Bandwidth 1.196 MHz



20dB Bandwidth (CH High)

Agilent

R T



Occupied Bandwidth
1.1393 MHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error -5.007 kHz
x dB Bandwidth 1.201 MHz



6.2 PEAK POWER

LIMIT

The maximum peak output power of the intentional radiator shall not exceed the following:

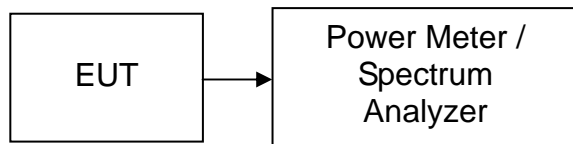
1. For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
2. Except as shown in paragraphs (b)(3) (i), (ii) and (iii) of this section, if transmitting antennas of directional gain greater than 6dBi 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 6dBi.
3. The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Power Meter	Anritsu	ML2487A	6K00001491	03/19/2012	03/19/2013
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013
Power Sensor	Anritsu	MA2411B	1126150	01/27/2012	01/27/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

The transmitter output is connected to the RF Power Meter. The RF Power Meter is set to the peak power detection.



TEST RESULTS

No non-compliance noted

Test Data

GFSK

Channel	Frequency (MHz)	Reading Power (dBm)	Factor (dB)	Output Power (dBm)	Output Power (W)	Limit (W)	Result
Low	2402	3.35	3.50	6.85	0.00484	1	PASS
Mid	2441	3.11	3.50	6.61	0.00458		PASS
High	2480	2.55	3.50	6.05	0.00403		PASS

8DPSK

Channel	Frequency (MHz)	Reading Power (dBm)	Factor (dB)	Output Power (dBm)	Output Power (W)	Limit (W)	Result
Low	2402	1.52	3.50	5.02	0.00318	1	PASS
Mid	2441	0.96	3.50	4.46	0.00279		PASS
High	2480	0.64	3.50	4.14	0.00259		PASS



6.3 PEAK POWER SPECTRAL DENSITY

LIMIT

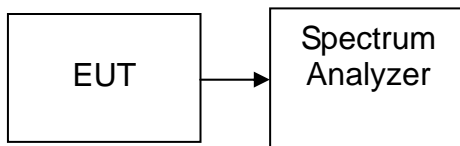
1. For direct sequence systems, the peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.
2. The direct sequence operating of the hybrid system, with the frequency hopping operation turned off, shall comply with the power density requirements of paragraph (d) of this section.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW = 3kHz, VBW = 10kHz, Span = 300kHz, Sweep=100s
4. Record the max. reading.
5. Repeat the above procedure until the measurements for all frequencies are completed.

TEST RESULTS

Not applicable. Since EUT is the Bluetooth device.



6.4 BAND EDGES MEASUREMENT

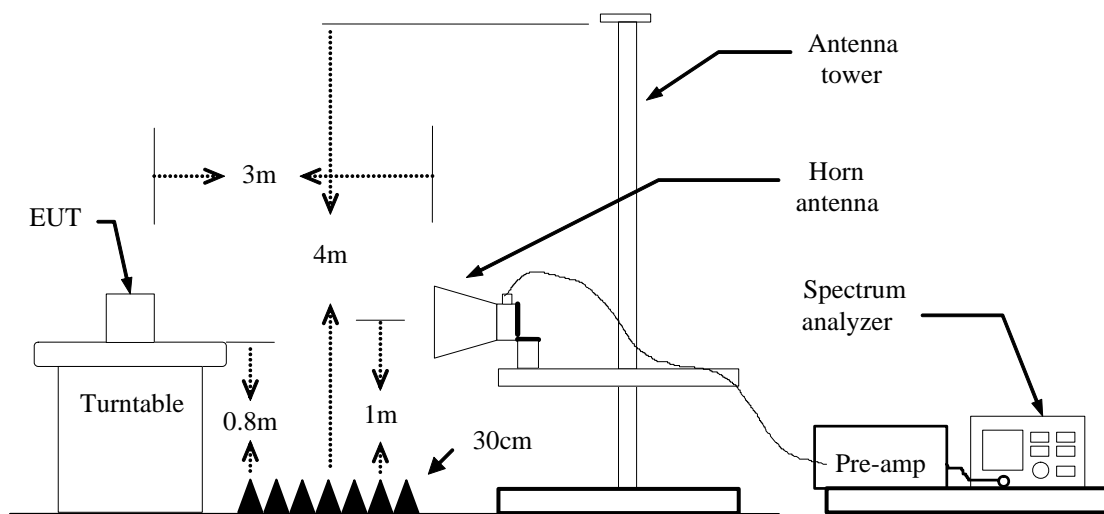
LIMIT

According to §15.247(c), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power. 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).

MEASUREMENT EQUIPMENT USED

Radiated Emission Test Site 966(2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013
ESCI EMI TEST RECEIVE.ESCI	ROHDE&SCHWARZ	ESCI	100783	03/17/2012	03/17/2013
Amplifier	MITEQ	AM-1604-3000	1123808	03/18/2012	03/18/2013
Turn Table	EMCO	2081-1.21	N/A	N.C.R	N.C.R
Controller	CT	N/A	N/A	N.C.R	N.C.R
High Noise Amplifier	Agilent	8449B	3008A01838	03/18/2012	03/18/2013
Bilog Antenna	SCHAFFNER	CBL6143	5082	03/17/2012	03/17/2013
Horn Antenna	SCHWARZBECK	BBHA9120	D286	03/17/2012	03/17/2013
Loop Antenna	A. R. A	PLA-1030/B	1029	03/23/2012	03/23/2013
Temp. / Humidity Meter	VICTOR	VC230	N/A	03/19/2012	03/19/2013
Antenna Tower	SUNOL	TLT2	N/A	N.C.R	N.C.R
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2			

Test Configuration





TEST PROCEDURE

1. The EUT is placed on a turntable, which is 0.8m above the ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz / VBW=510Hz / Sweep=AUTO
5. Repeat the procedures until all the PEAK and AVERAGE versus POLARIZATION are measured.

TEST RESULTS

Refer to attach spectrum analyzer data chart.



Test Data (GFSK)

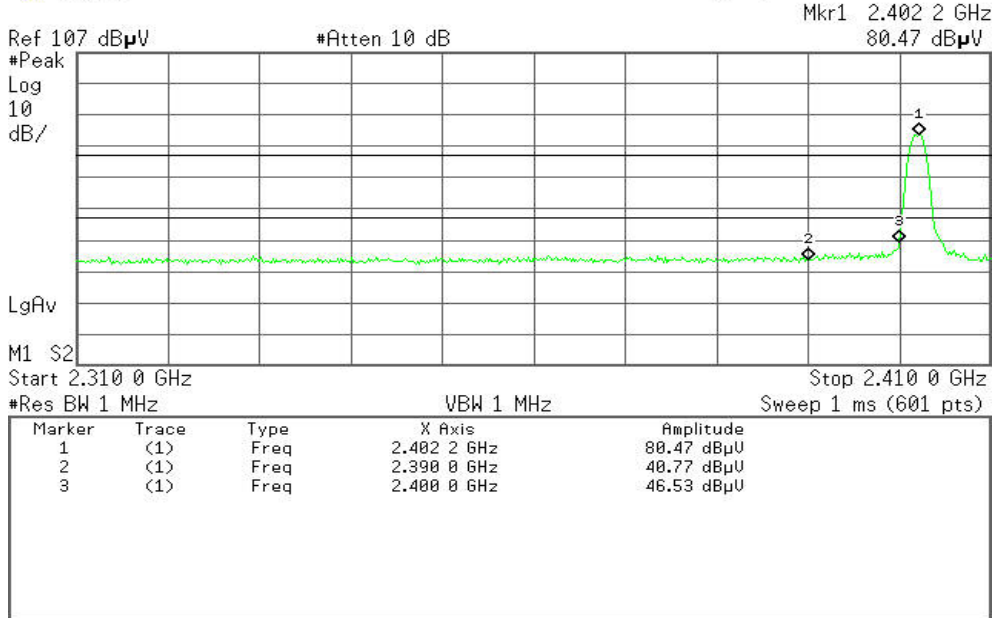
Band Edges (CH-Low)

Detector mode: Peak

Polarity: Vertical

Agilent

R T

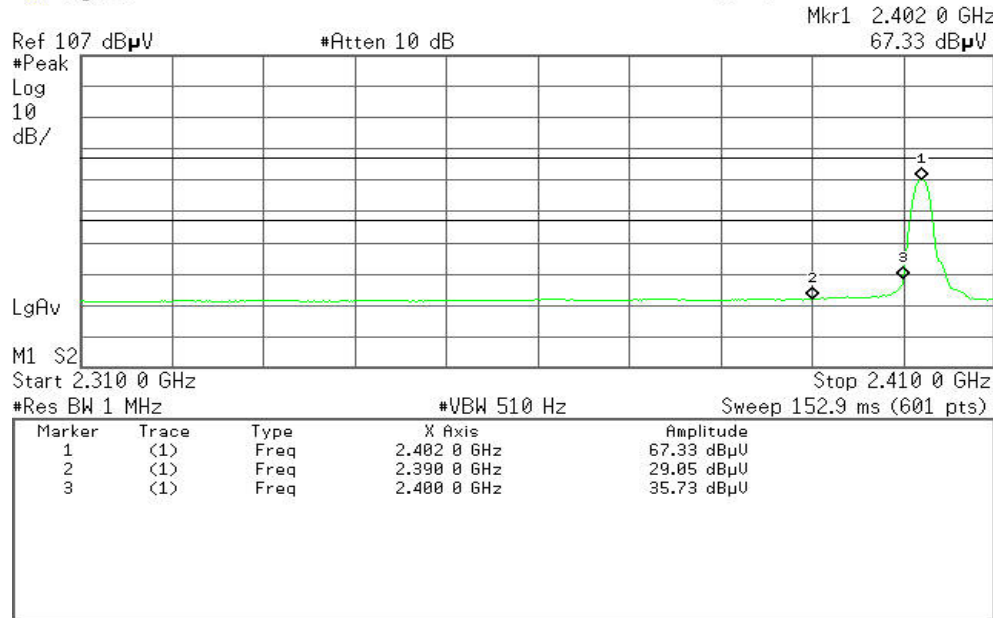


Detector mode: Average

Polarity: Vertical

Agilent

R T



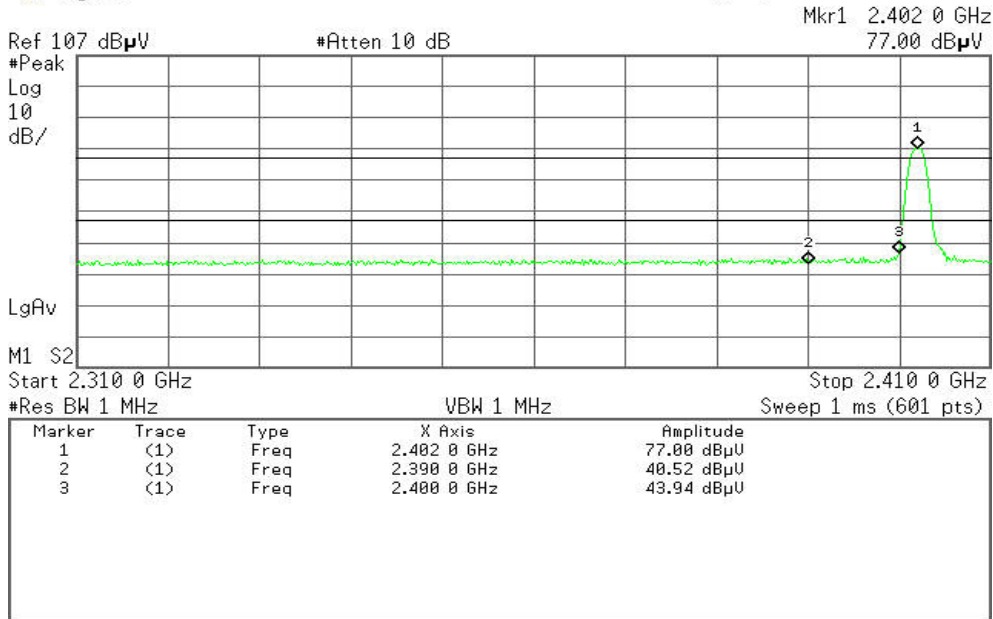


Detector mode: Peak

Polarity: Horizontal

Agilent

R T

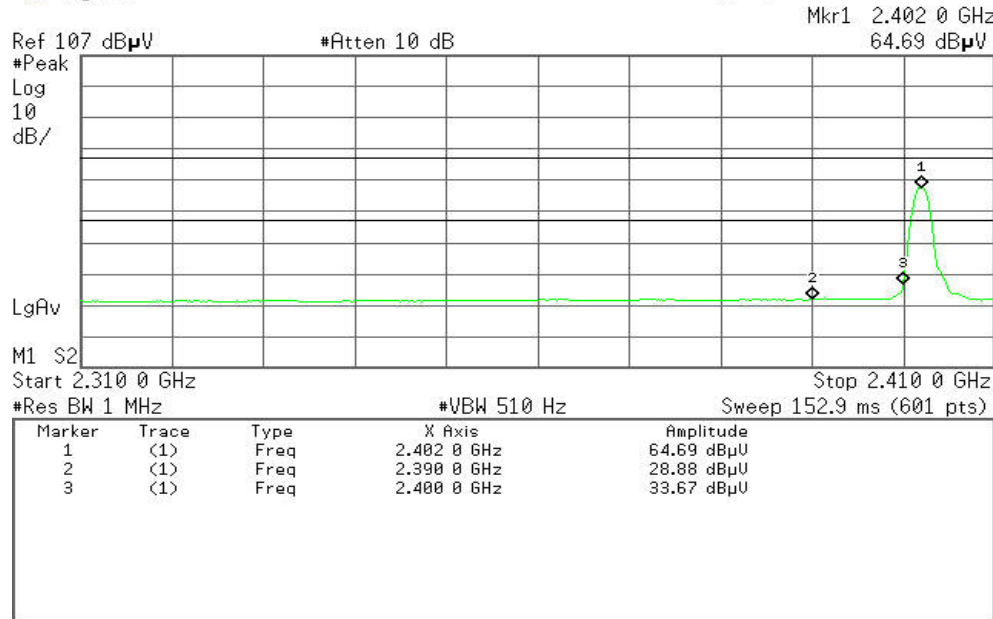


Detector mode: Average

Polarity: Horizontal

Agilent

R T





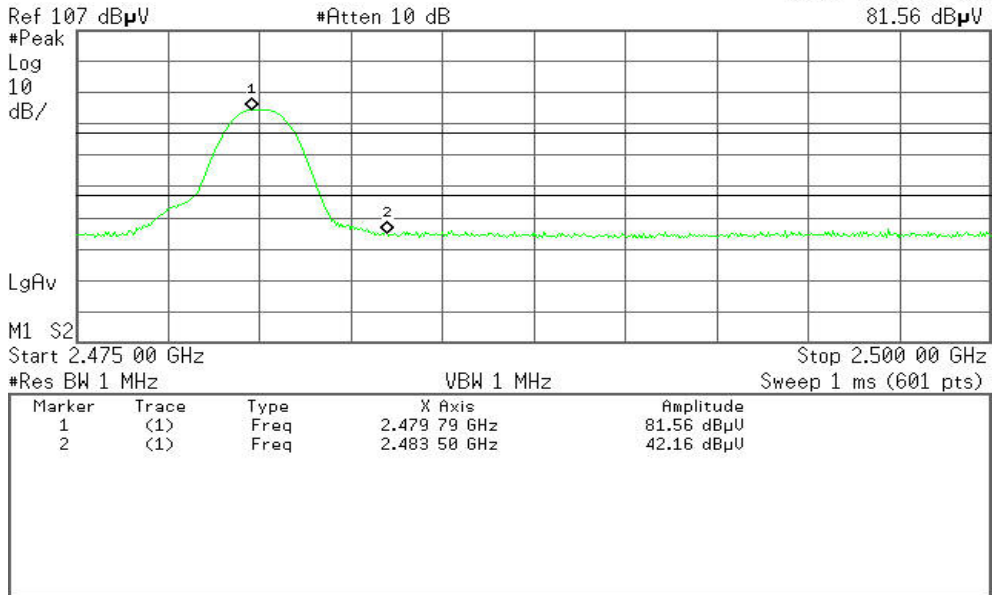
Band Edges (CH-High)

Detector mode: Peak

Polarity: Vertical

Agilent

R T

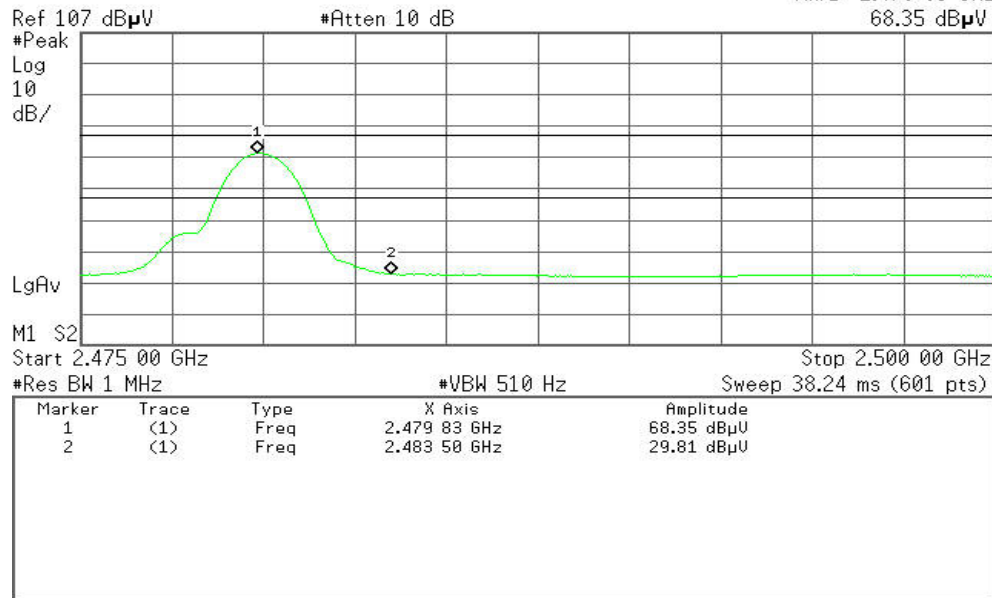


Detector mode: Average

Polarity: Vertical

Agilent

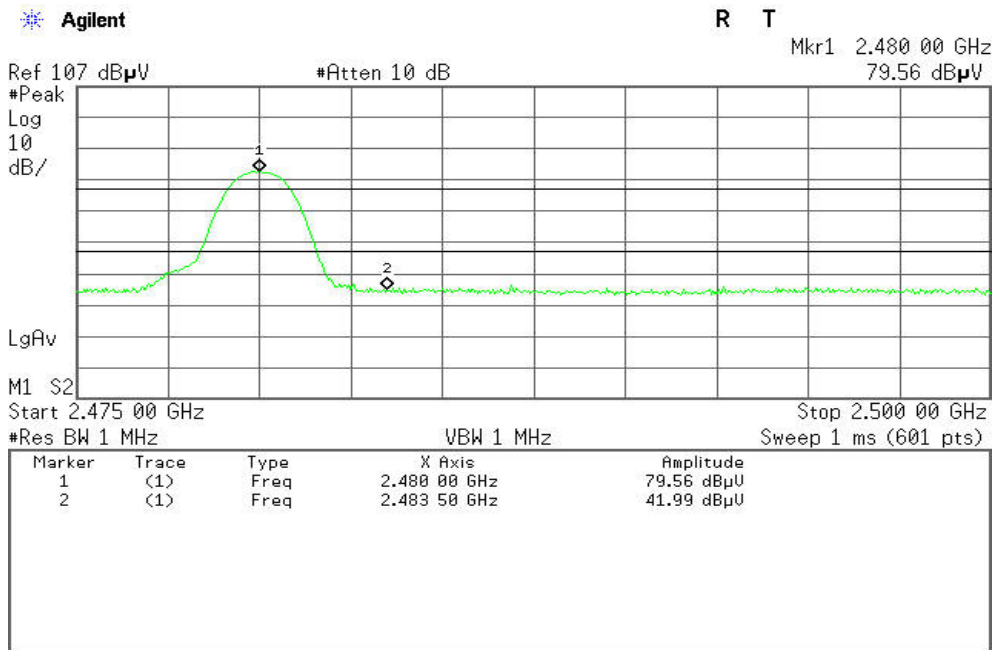
R T





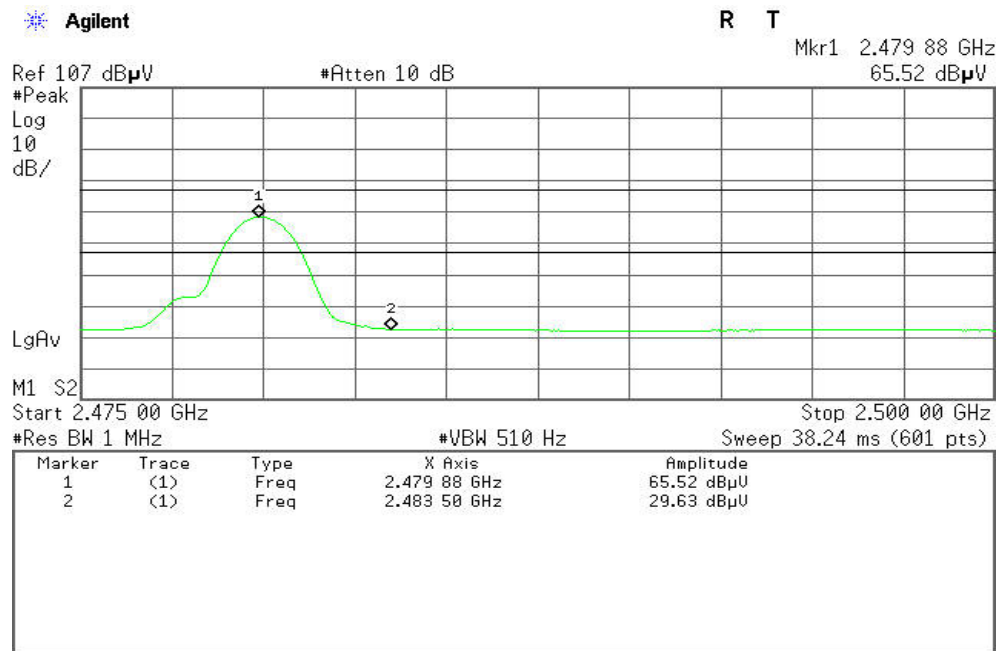
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal





Test Data (8DPSK)

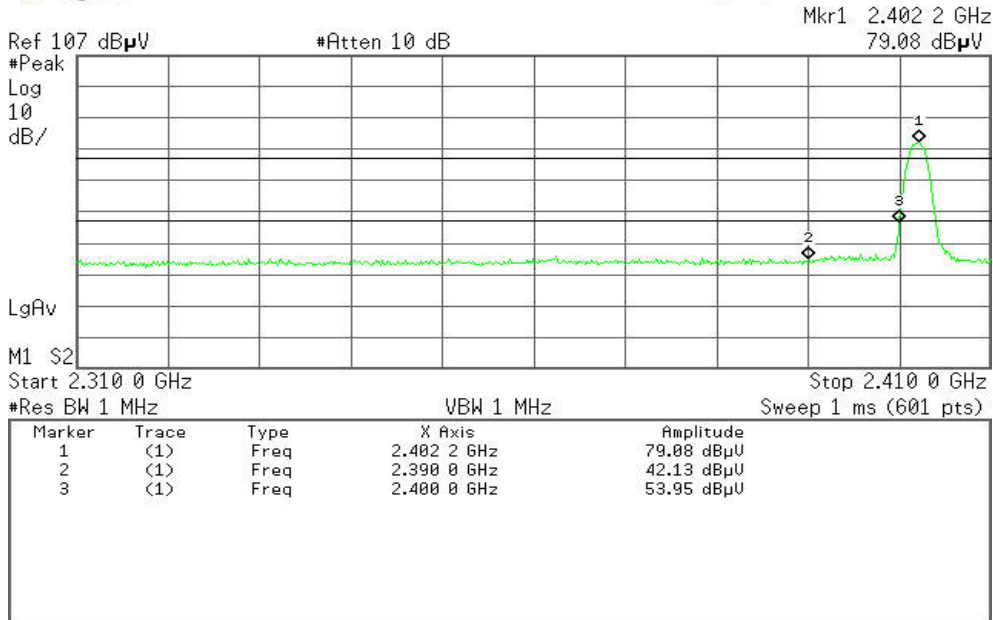
Band Edges (CH-Low)

Detector mode: Peak

Polarity: Vertical

Agilent

R T

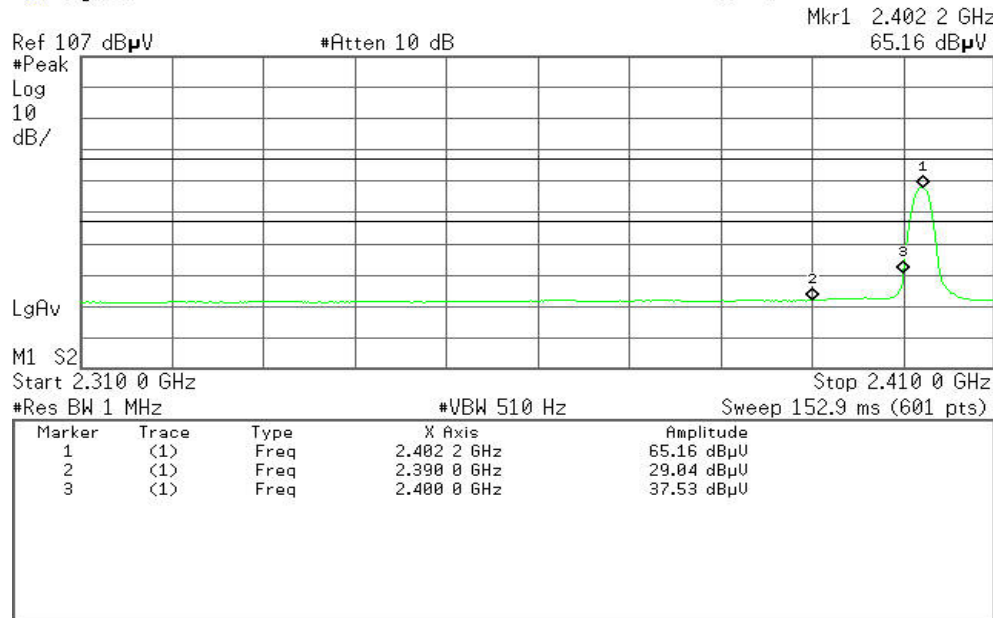


Detector mode: Average

Polarity: Vertical

Agilent

R T



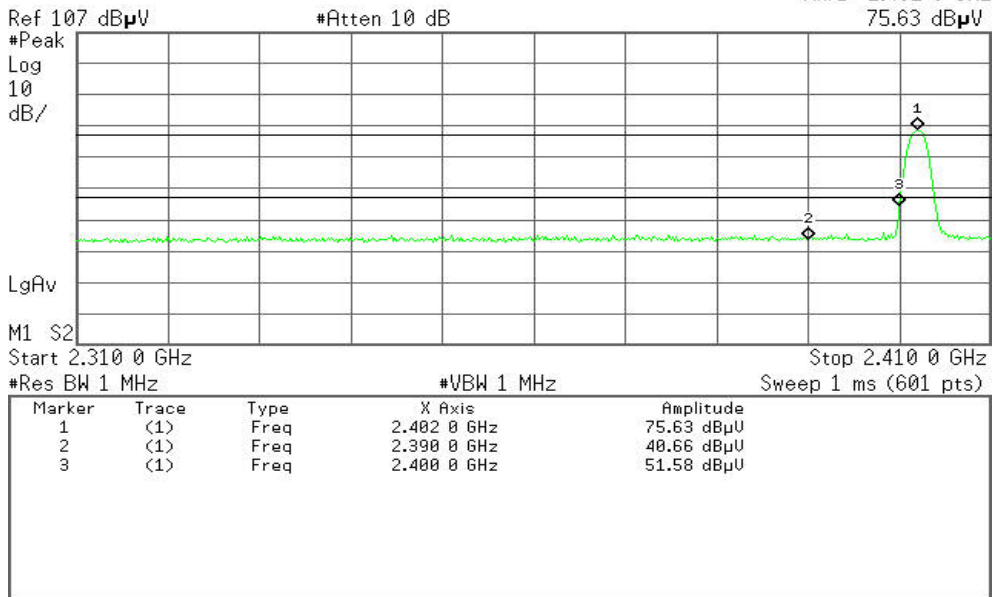


Detector mode: Peak

Polarity: Horizontal

Agilent

R T

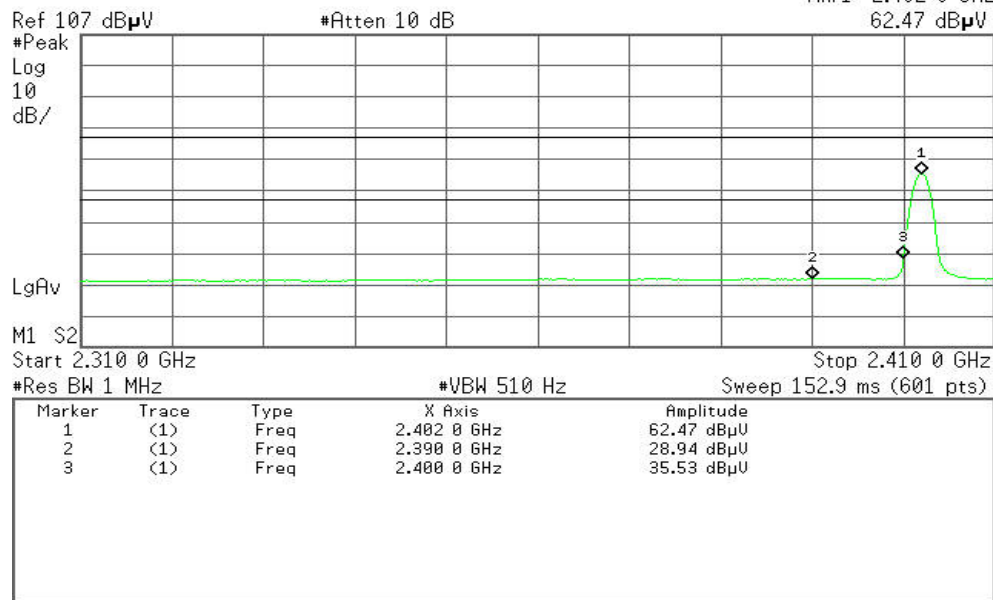


Detector mode: Average

Polarity: Horizontal

Agilent

R T





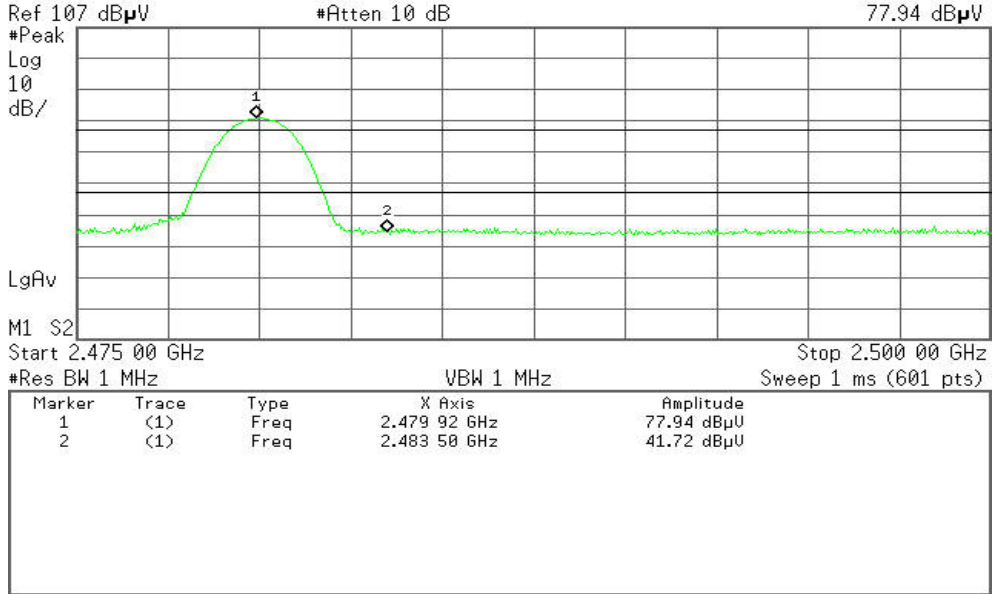
Band Edges (CH-High)

Detector mode: Peak

Polarity: Vertical

Agilent

R T

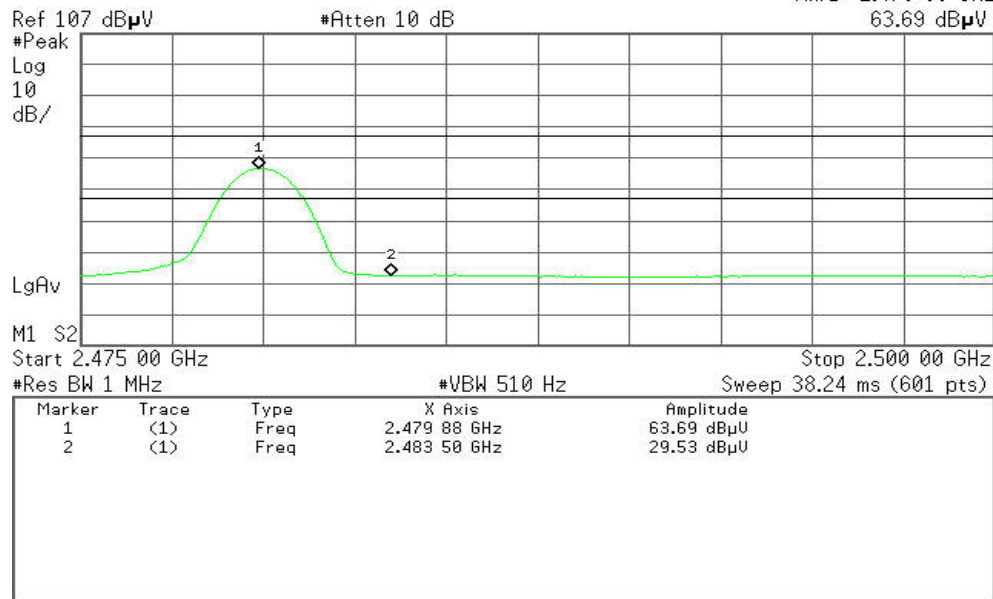


Detector mode: Average

Polarity: Vertical

Agilent

R T



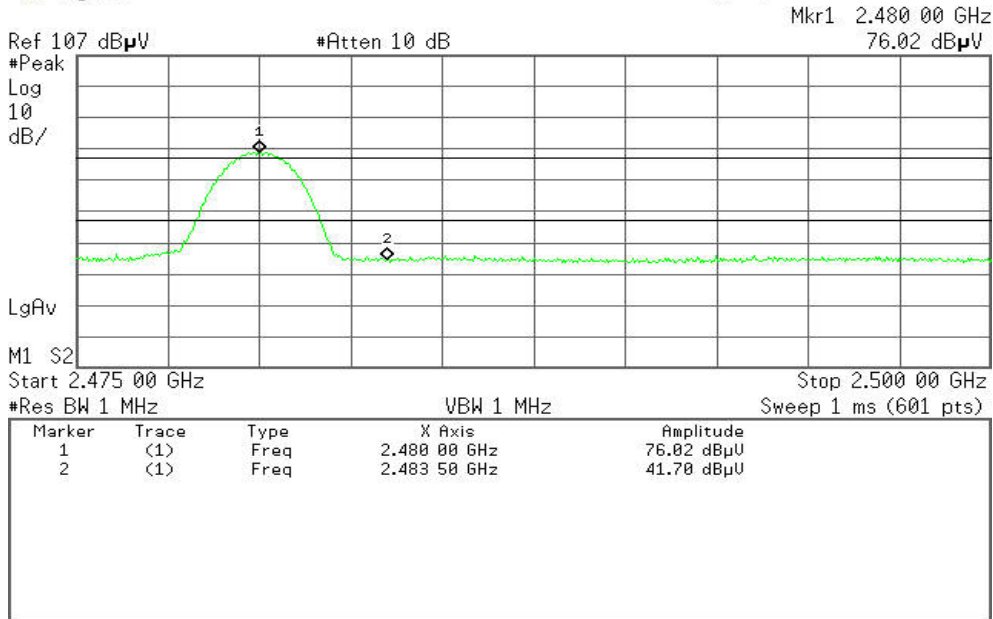


Detector mode: Peak

Polarity: Horizontal

Agilent

R T

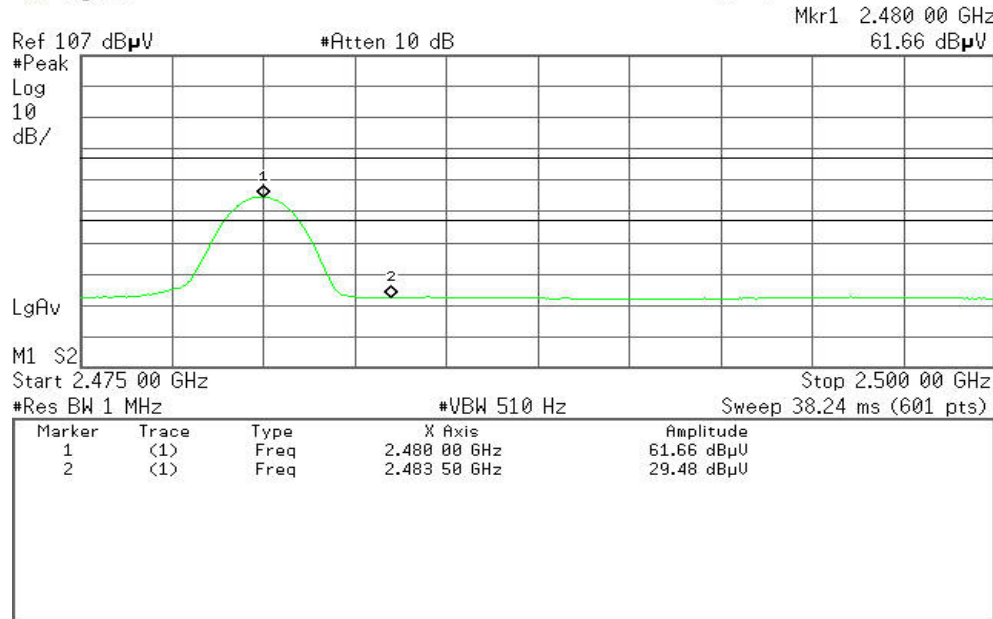


Detector mode: Average

Polarity: Horizontal

Agilent

R T





6.5 FREQUENCY SEPARATION

LIMIT

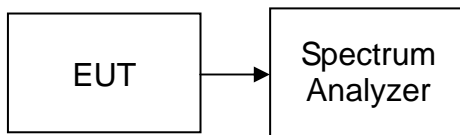
According to §15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel 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.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = middle of hopping channel.
4. Set the spectrum analyzer as RBW=30kHz, VBW=30kHz, Adjust Span to 4 MHz, Sweep = auto.
5. Max hold. Mark 3 Peaks of hopping channel and record the 3 peaks frequency.

TEST RESULTS

No non-compliance noted

Test Data

GFSK

Channel Separation (MHz)	Two-thirds of the 20 dB Bandwidth (kHz)	Channel Separation Limit	Result
1.000	560.000	> Two-thirds of the 20 dB Bandwidth	Pass

8DPSK

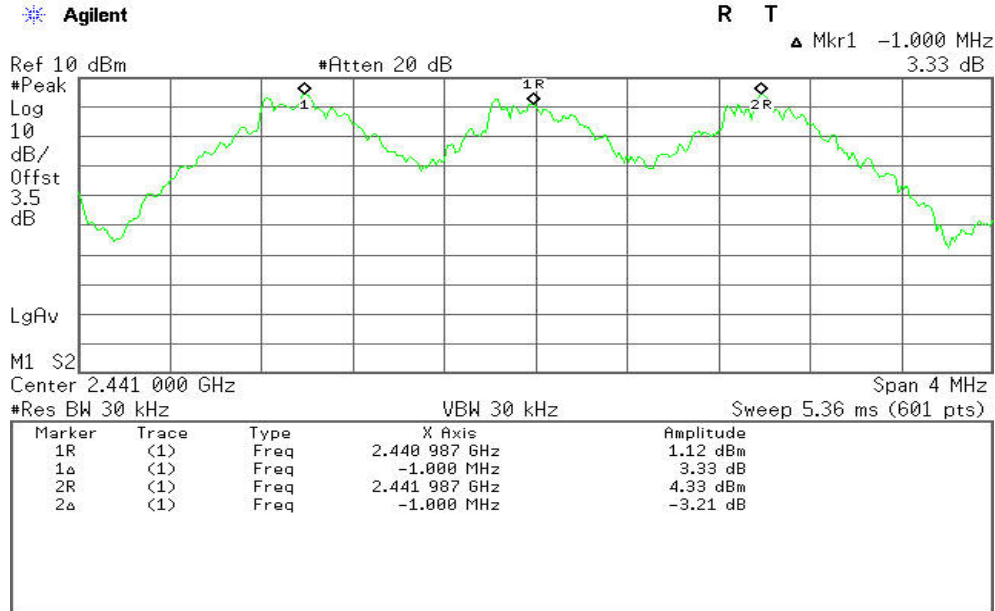
Channel Separation (MHz)	Two-thirds of the 20 dB Bandwidth (kHz)	Channel Separation Limit	Result
1.000	800.667	> Two-thirds of the 20 dB Bandwidth	Pass



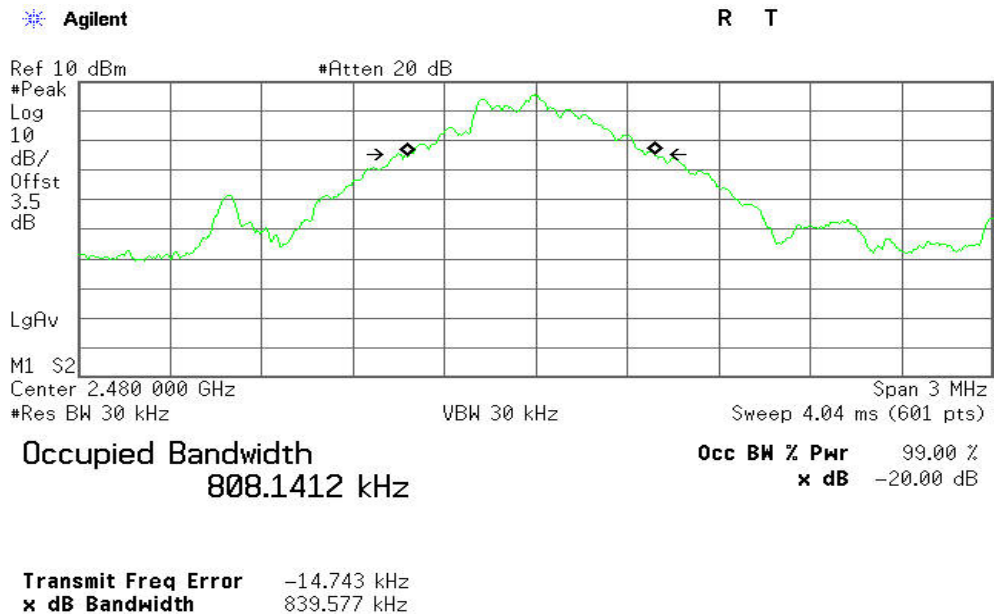
GFSK

Test Plot

Measurement of Channel Separation



20 dB bandwidth(CH High)

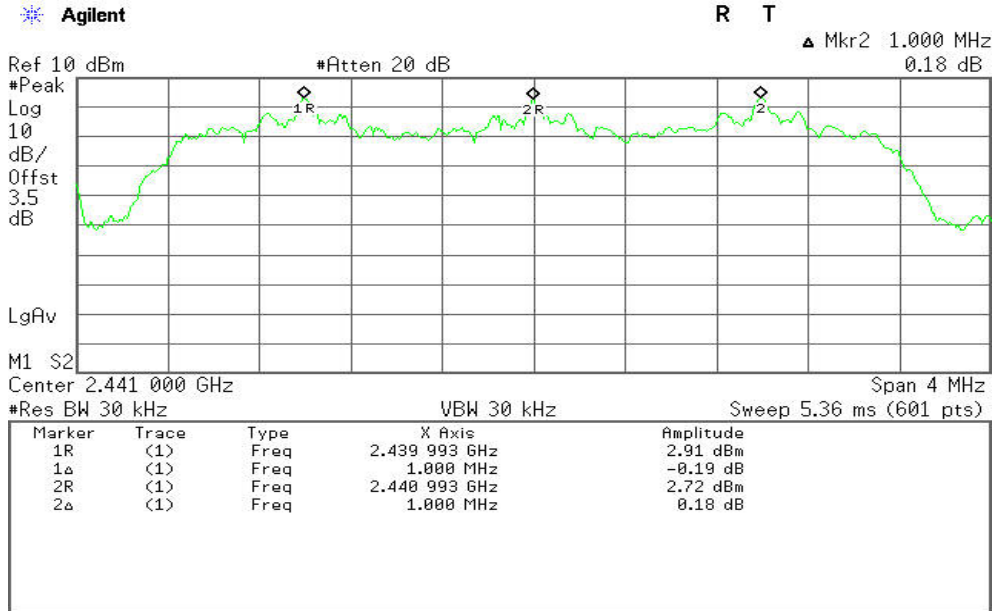




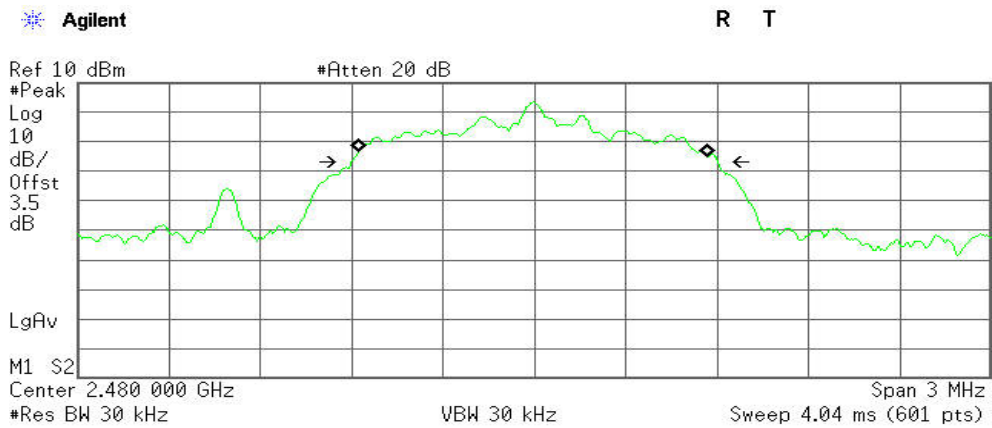
8DPSK

Test Plot

Measurement of Channel Separation



20 dB bandwidth(CH High)



Occupied Bandwidth
1.1393 MHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error -5.007 kHz
x dB Bandwidth 1.201 MHz



6.6 NUMBER OF HOPPING FREQUENCY

LIMIT

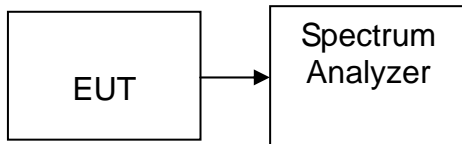
According to §15.247(a)(1)(ii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands shall use at least 15 hopping frequencies.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set spectrum analyzer Start=2400MHz, Stop = 2441.5MHz, Sweep = 1ms and Start=2441.5MHz, Stop = 2483.5MHz, Sweep = 1ms.
4. Set the spectrum analyzer as RBW, VBW=300kHz,
5. Max hold, view and count how many channel in the band.

TEST RESULTS

No non-compliance noted

Test Data

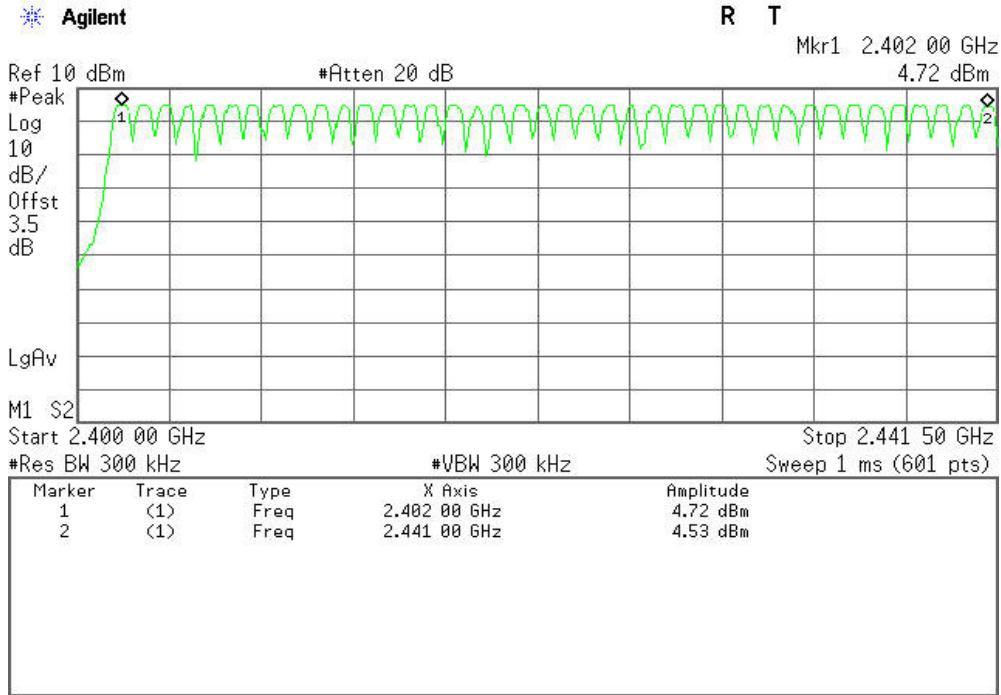
Result (No. of CH)	Limit (No. of CH)	Result
79	>15	PASS



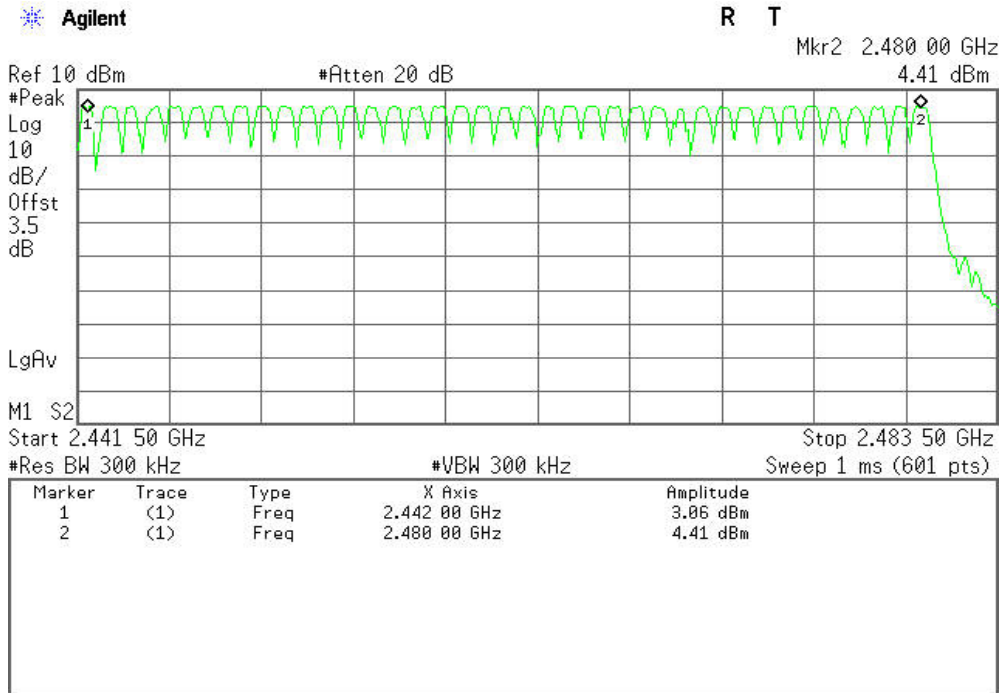
Test Plot (GFSK)

Channel Number

2.400 GHz – 2.4415 GHz



2.4415 GHz –2.4835 GHz

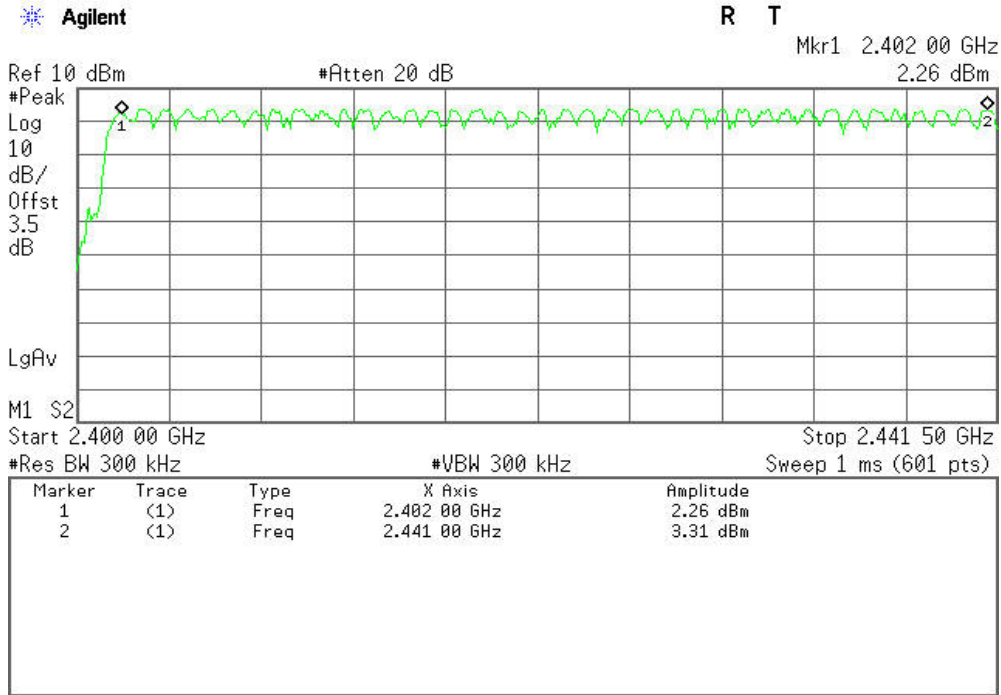




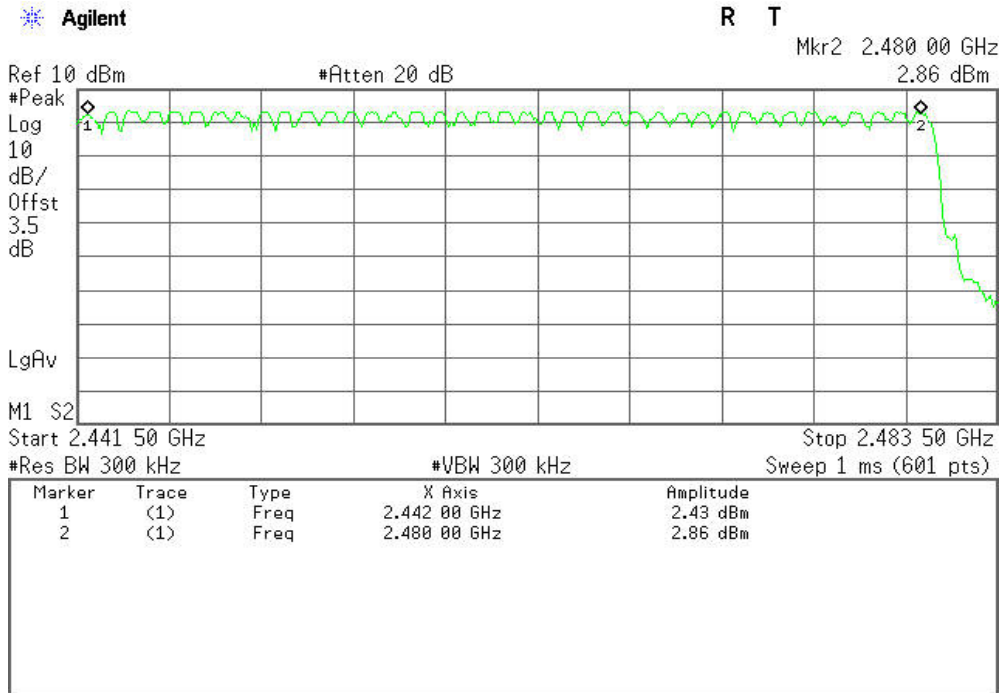
Test Plot (8DPSK)

Channel Number

2.400 GHz – 2.4415 GHz



2.4415 GHz –2.4835 GHz





6.7 TIME OF OCCUPANCY (DWELL TIME)

LIMIT

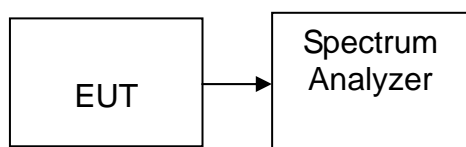
According to §15.247(a)(1)(iii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands. The average time of occupancy on any channels shall not greater than 0.4 s within a period 0.4 s multiplied by the number of hopping channels employed.

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = operating frequency.
4. Set the spectrum analyzer as RBW, VBW=1MHz, Span = 0Hz, Sweep = auto.
5. Repeat above procedures until all frequency measured were complete.



TEST RESULTS

No non-compliance noted

Test Data

GFSK

DH 1

CH Mid: $0.510 * (1600/2)/79 * 31.6 = 163.200$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	0.510	163.200	31.60	400.00	PASS

DH 3

CH Mid: $1.770 * (1600/4)/79 * 31.6 = 283.200$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	1.770	283.200	31.60	400.00	PASS

DH 5

CH Mid: $3.017 * (1600/6)/79 * 31.6 = 321.813$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	3.017	321.813	31.60	400.00	PASS



Test Data

8DPSK

DH 1

CH Mid: $0.522 * (1600/2)/79 * 31.6 = 167.040$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	0.522	167.040	31.60	400.00	PASS

DH 3

CH Mid: $1.775 * (1600/4)/79 * 31.6 = 284.000$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	1.775	284.000	31.60	400.00	PASS

DH 5

CH Mid: $3.017 * (1600/6)/79 * 31.6 = 321.813$ (ms)

CH	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
Mid	3.017	321.813	31.60	400.00	PASS

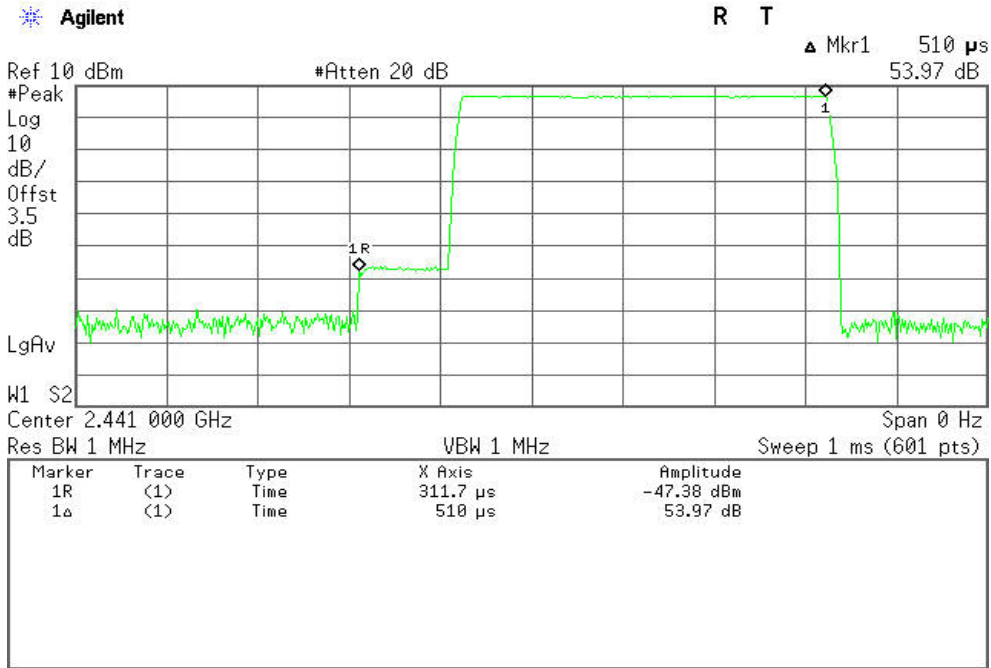


Test Plot

GFSK

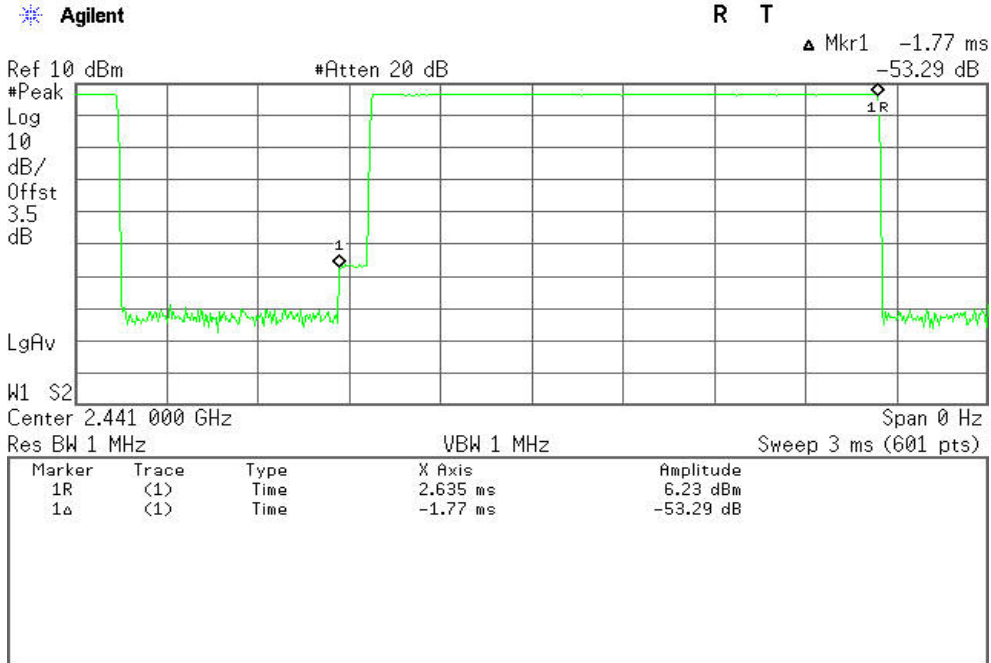
DH 1

(CH Mid)



DH 3

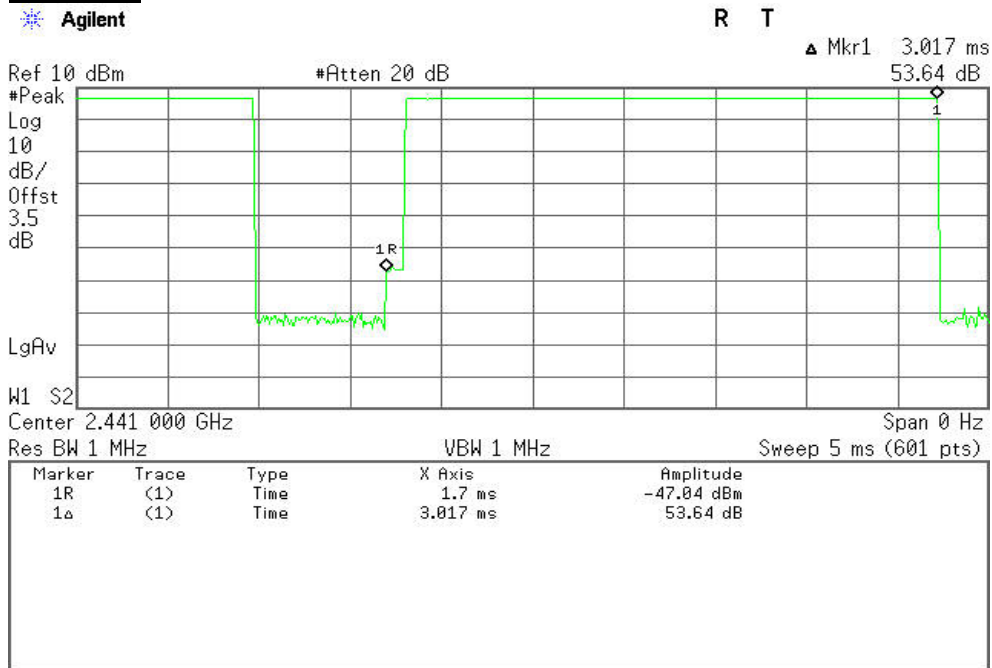
(CH Mid)





DH 5

(CH Mid)





Test Plot
8DPSK

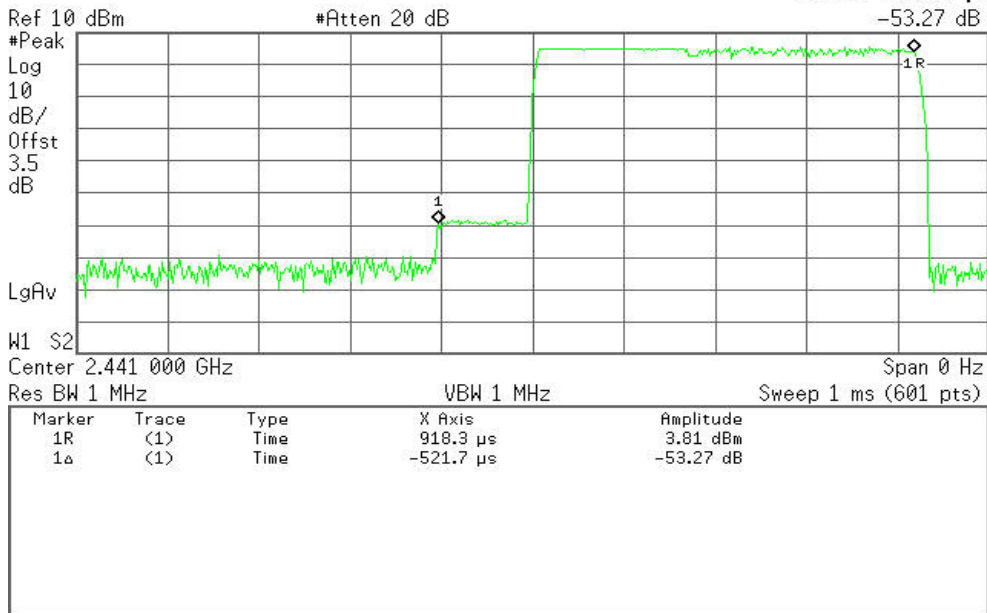
DH 1

(CH Mid)

Agilent

R T

▲ Mkr1 -521.7 μ s
-53.27 dB



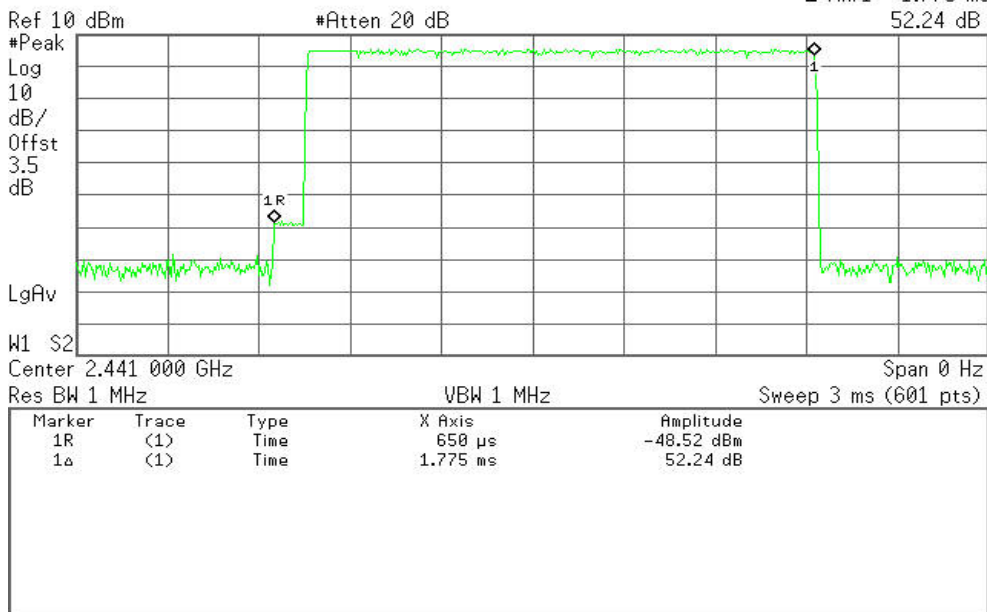
DH 3

(CH Mid)

Agilent

R T

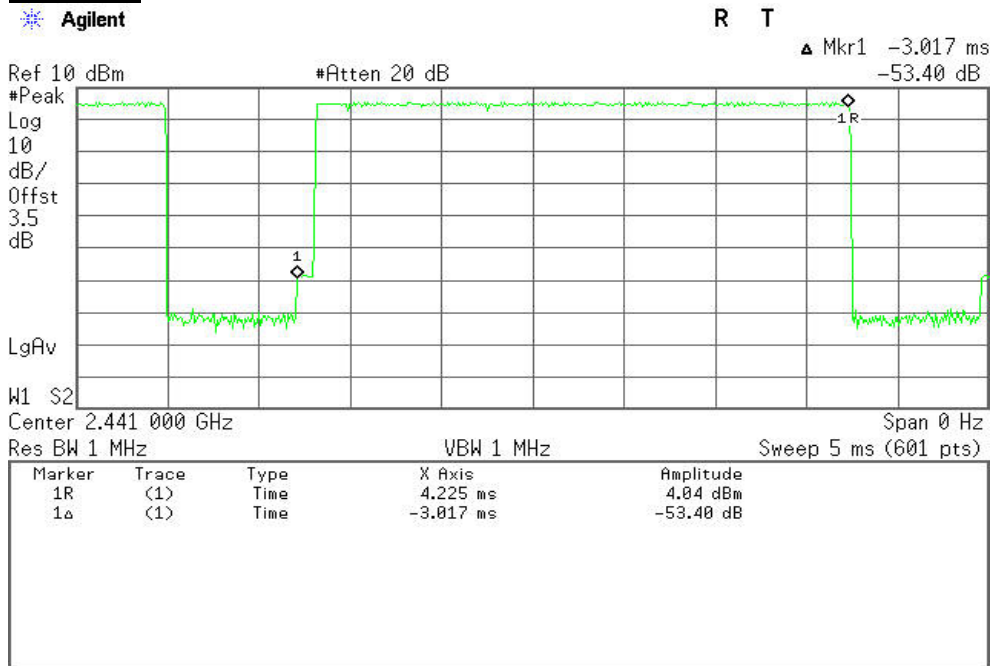
▲ Mkr1 1.775 ms
52.24 dB





DH 5

(CH Mid)





6.8 SPURIOUS EMISSIONS

6.8.1. Conducted Measurement

LIMIT

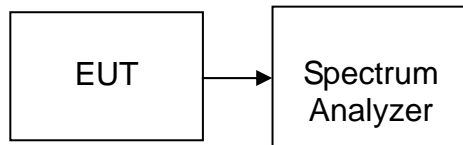
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the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

MEASUREMENT EQUIPMENT USED

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Due Calibration
Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Configuration



TEST PROCEDURE

Conducted RF measurements of the transmitter output were 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 100 kHz. The video bandwidth is set to 100 kHz.

Measurements are made over the 30MHz to 26GHz range with the transmitter set to the lowest, middle, and highest channels.

TEST RESULTS

No non-compliance noted



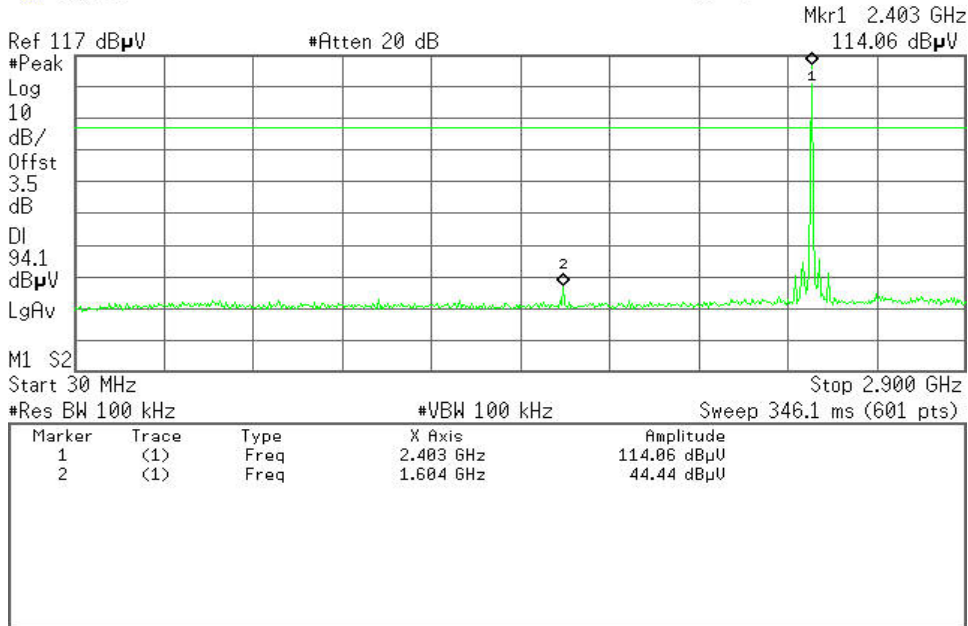
Test Plot (GFSK)

CH Low

30MHz ~2.9GHz

Agilent

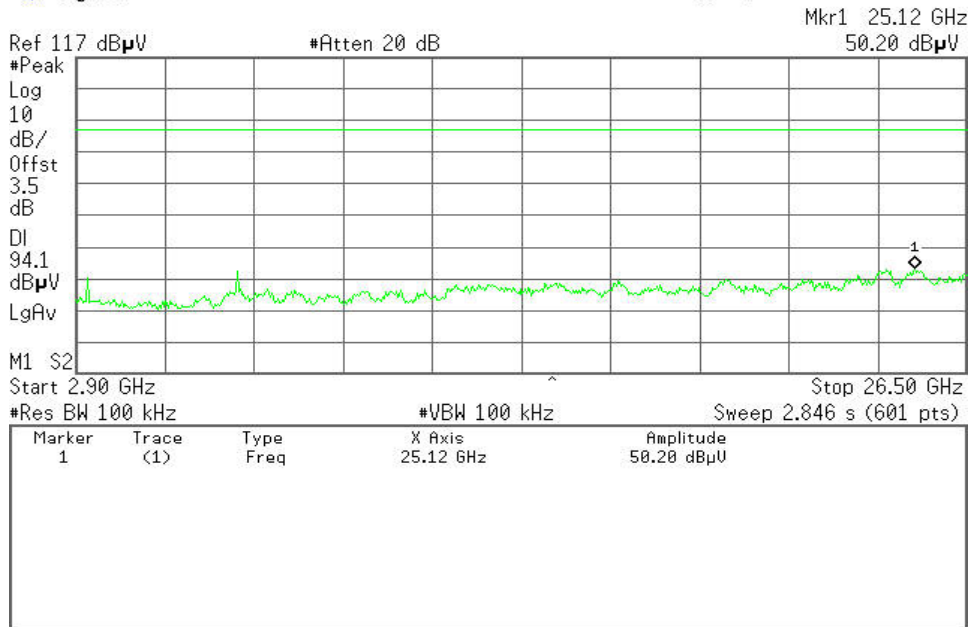
R T



2.9MHz ~26.5GHz

Agilent

R T



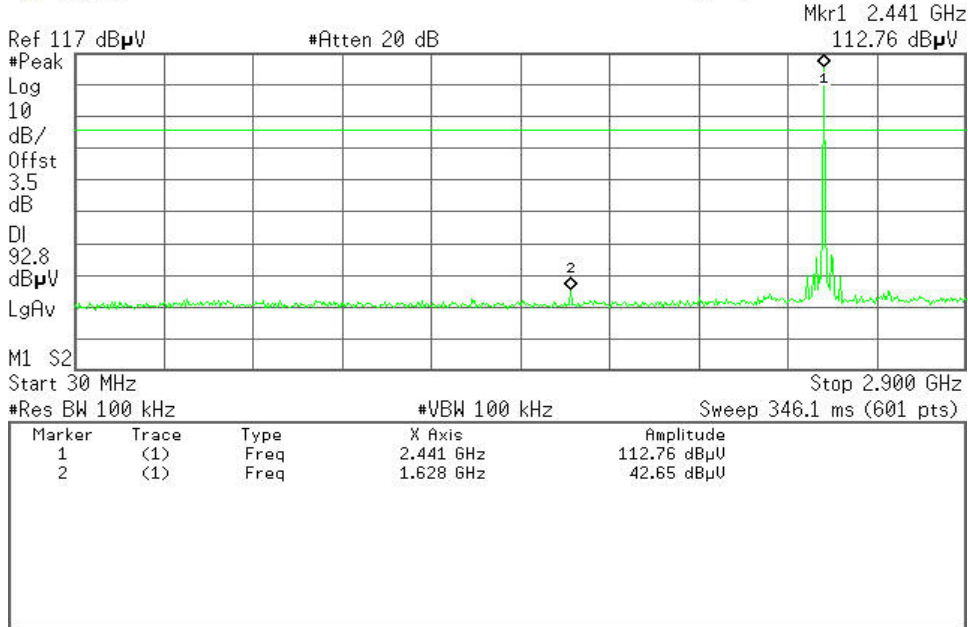


CH Mid

30MHz ~ 2.9GHz

Agilent

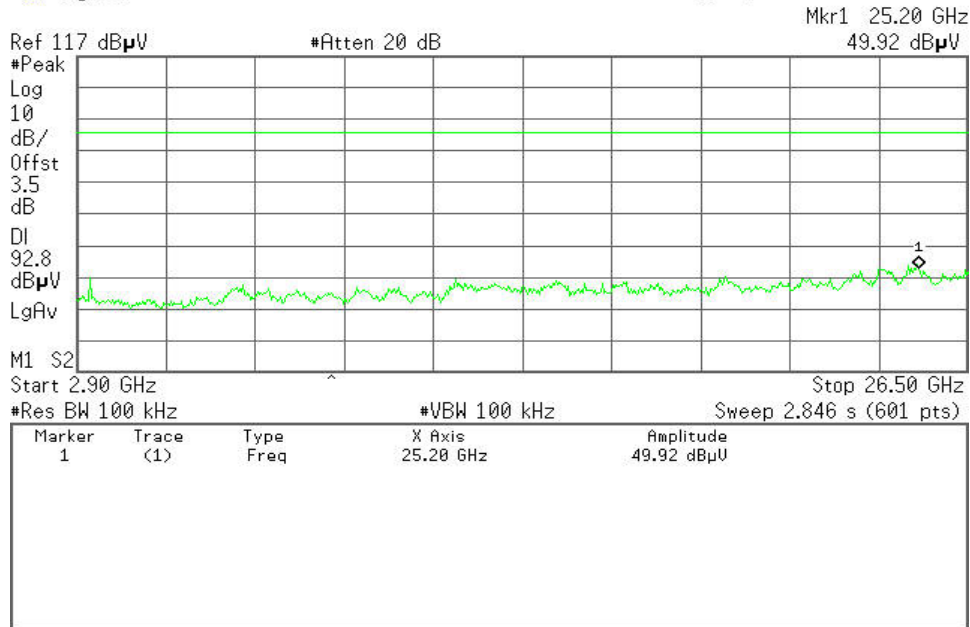
R T



2.9GHz ~ 26.5GHz

Agilent

R T



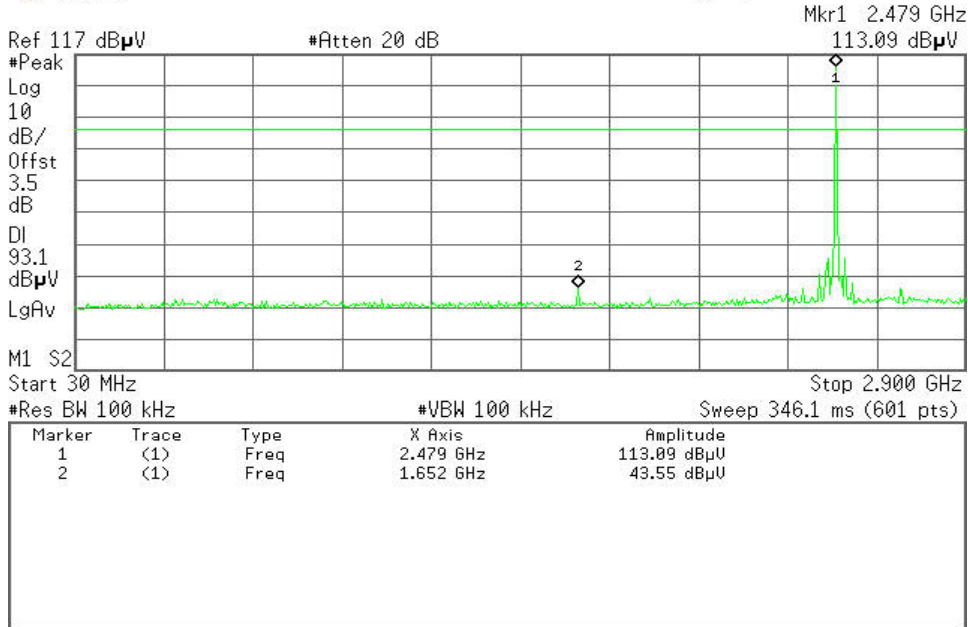


CH High

30MHz ~ 2.9GHz

Agilent

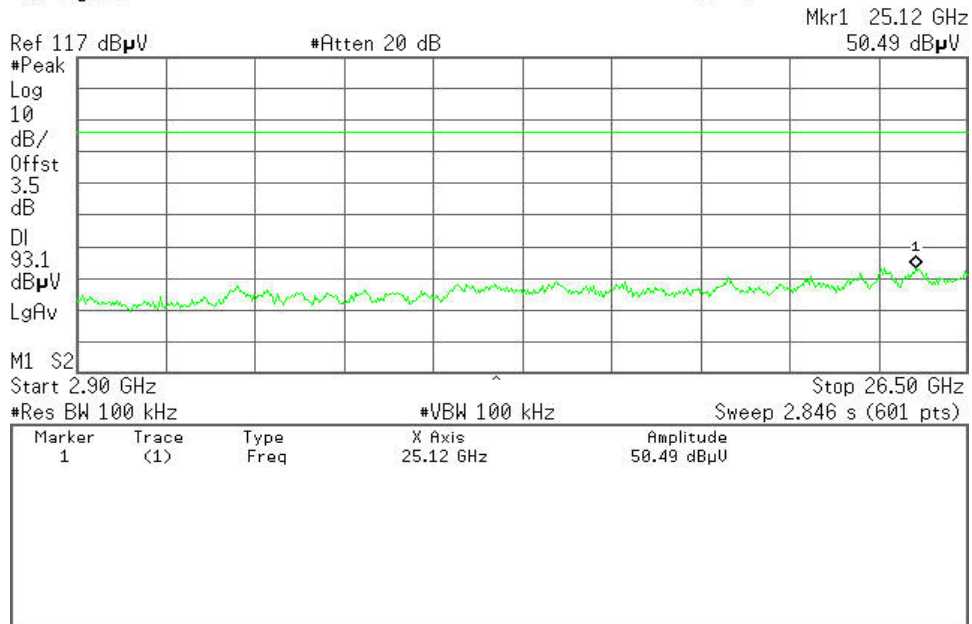
R T



2.9GHz ~ 26.5GHz

Agilent

R T





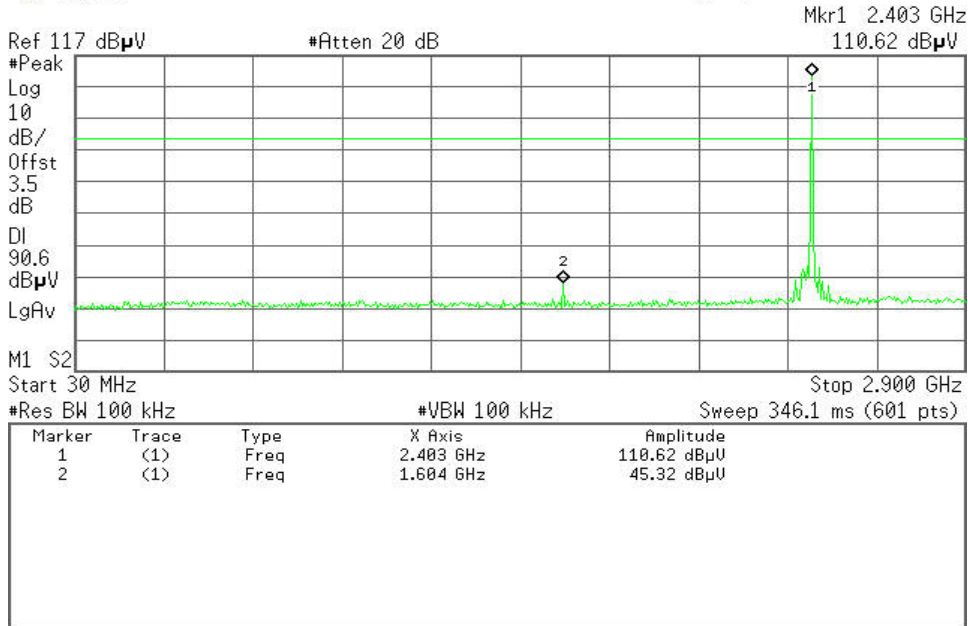
Test Plot (8DPSK)

CH Low

30MHz ~2.9GHz

Agilent

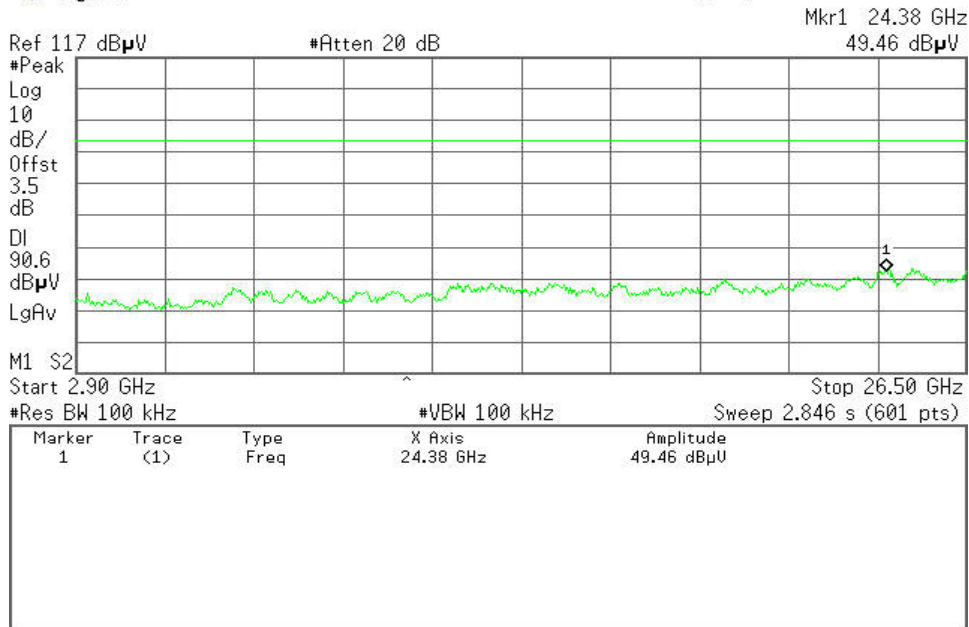
R T



2.9MHz ~26.5GHz

Agilent

R T



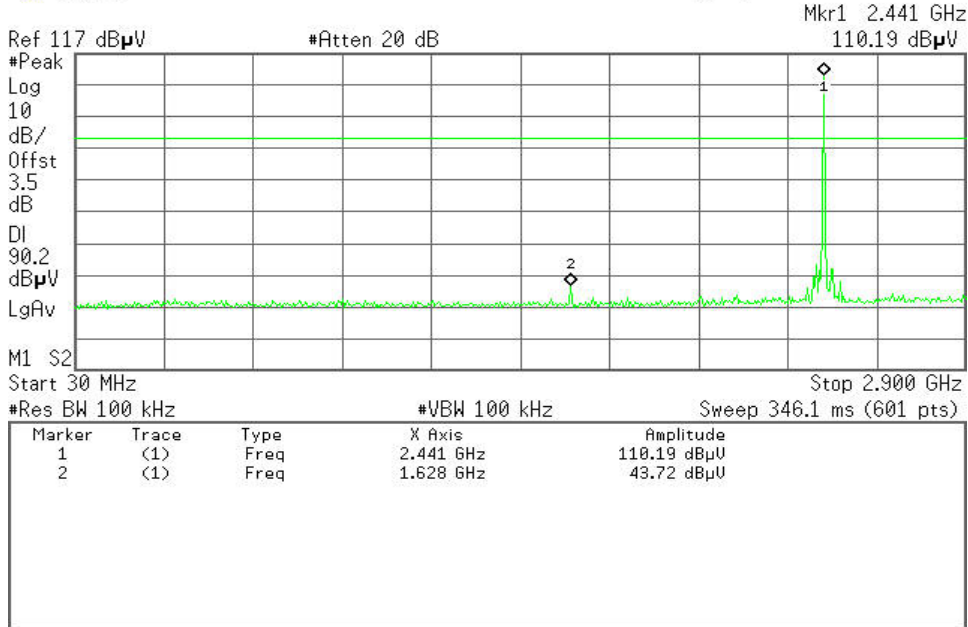


CH Mid

30MHz ~ 2.9GHz

Agilent

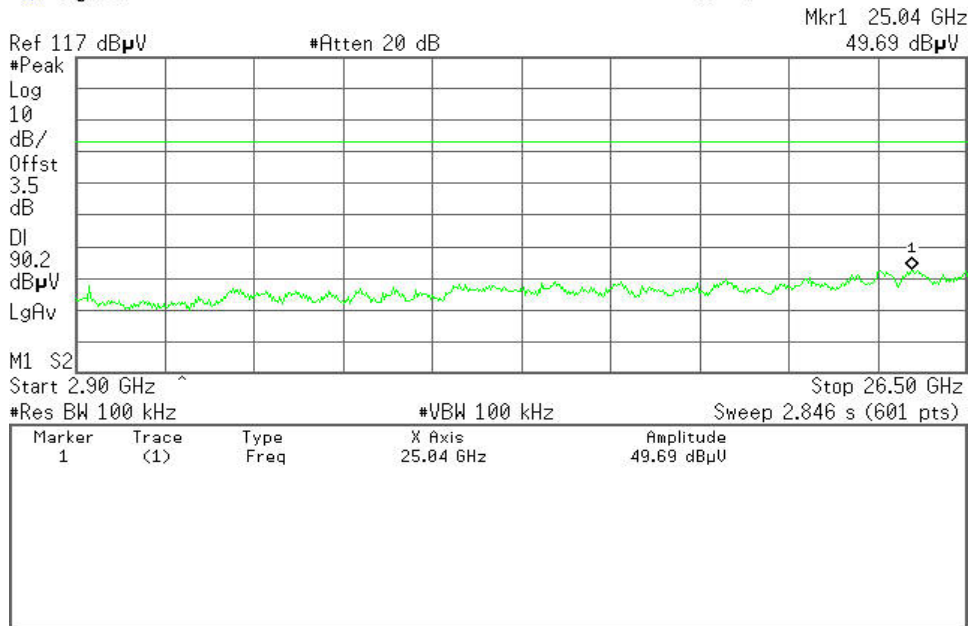
R T



2.9GHz ~ 26.5GHz

Agilent

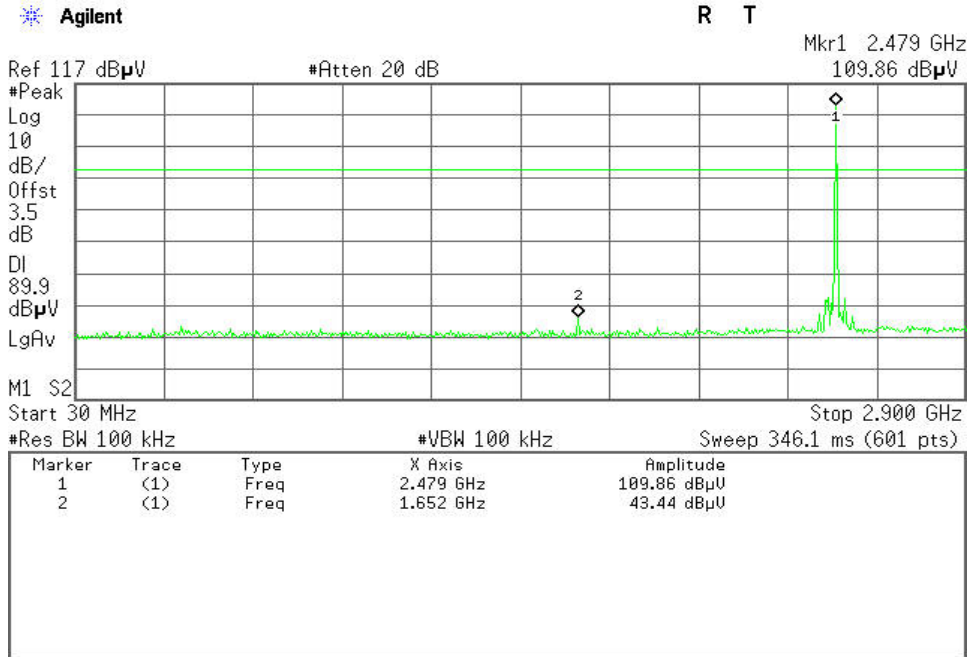
R T



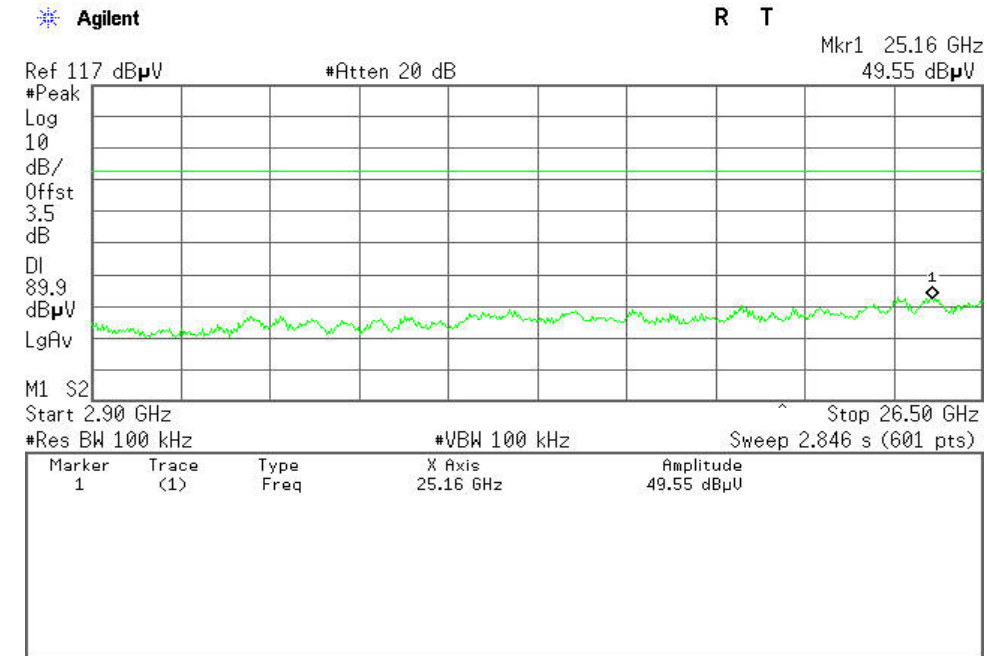


CH High

30MHz ~ 2.9GHz



2.9GHz ~ 26.5GHz





6.8.2. Radiated Emissions

LIMIT

1. 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 (mV/m)	Measurement Distance (m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500	3

Note: 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.

2. In the above emission table, the tighter limit applies at the band edges.

Frequency (Hz)	Field Strength (μ V/m at 3-meter)	Field Strength (dB μ V/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54



MEASUREMENT EQUIPMENT USED

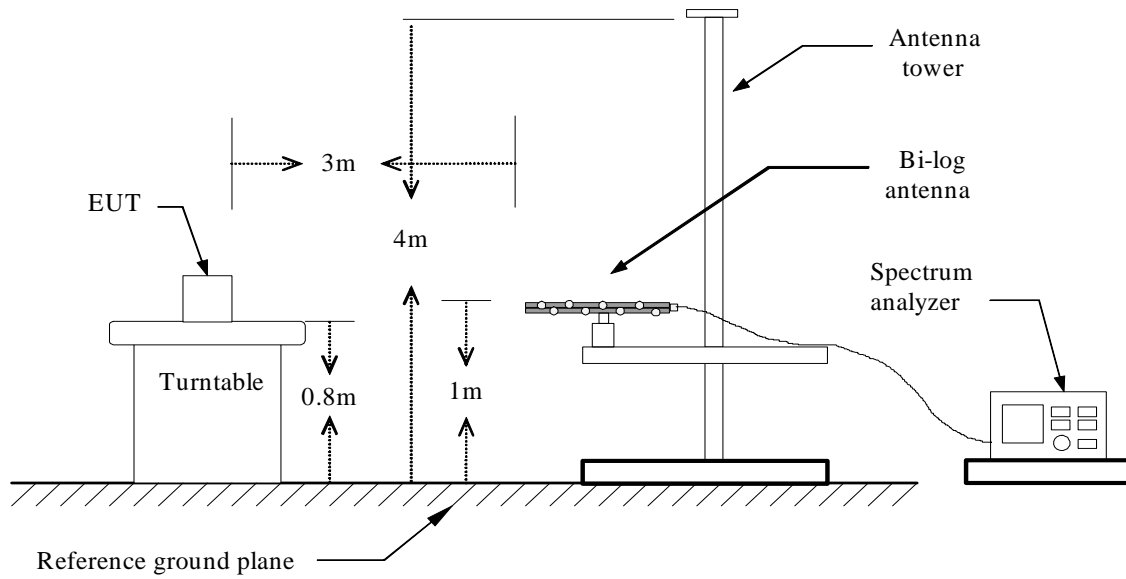
Radiated Emission Test Site 966(2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
PSA Series Spectrum Analyzer	Agilent	E4446A	US44300399	03/19/2012	03/19/2013
ESCI EMI TEST RECEIVE.ESCI	ROHDE& SCHWARZ	ESCI	100783	03/17/2012	03/17/2013
Amplifier	MITEQ	AM-1604-3000	1123808	03/18/2012	03/18/2013
Turn Table	EMCO	2081-1.21	N/A	N.C.R	N.C.R
Controller	CT	N/A	N/A	N.C.R	N.C.R
High Noise Amplifier	Agilent	8449B	3008A01838	03/18/2012	03/18/2013
Bilog Antenna	SCHAFFNER	CBL6143	5082	03/17/2012	03/17/2013
Horn Antenna	SCHWARZBECK	BBHA9120	D286	03/17/2012	03/17/2013
Loop Antenna	A, R, A	PLA-1030/B	1029	03/23/2012	03/23/2013
Temp. / Humidity Meter	VICTOR	VC230	N/A	03/19/2012	03/19/2013
Antenna Tower	SUNOL	TLT2	N/A	N.C.R	N.C.R
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2			

Remark: Each piece of equipment is scheduled for calibration once a year.

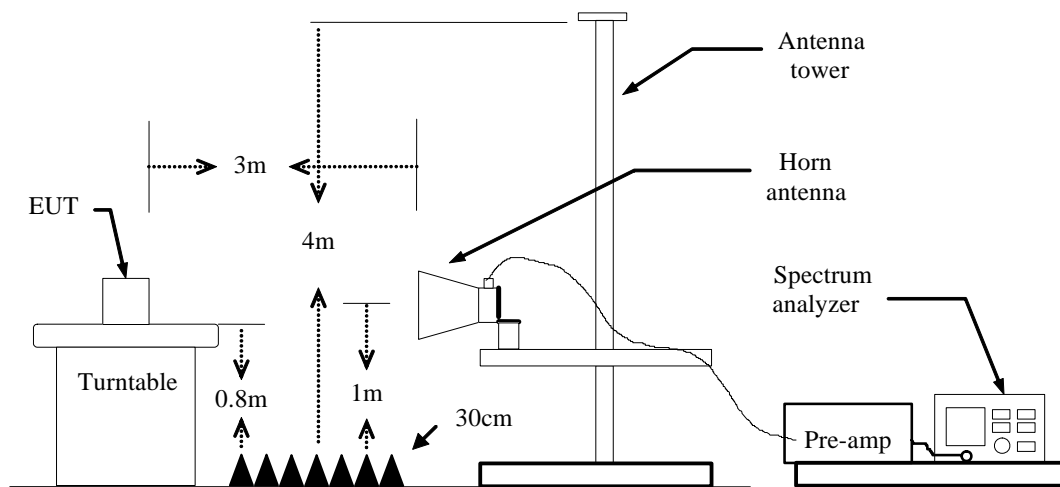


Test Configuration

Below 1 GHz



Above 1 GHz





TEST PROCEDURE

1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.



TEST RESULTS

Below 1 GHz

Operation Mode: TX

Test Date: July 8,2012

Temperature: 24°C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Table with 8 columns: Frequency (MHz), Reading (dBµV), Correction Factor (dB/m), Result (dBµV/m), Limit (dBµV/m), Margin (dB), Antenna Pole (V/H), Remark. It contains 15 rows of test data.

**Remark: No emission found between lowest internal used/generated frequency to 30MHz.

Notes:

- 1. Measuring frequencies from 9kHz to the 1GHz.
2. Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
3. Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
4. The IF bandwidth of SPA between 30MHz to 1GHz was 100kHz.
5. Frequency (MHz) = Emission frequency in MHz
Reading (dBuV) = Receiver reading
Correction Factor(dB/m) = Antenna factor + Cable loss - Amplifier gain
Actual FS (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)
Limit (dBuV/m) = Limit stated in standard
Margin(dB) = Measured (dBuV/m) - Limits (dBuV/m)
Antenna Pole(V/H) = Current carrying line of reading



Above 1 GHz

GFSK

Operation Mode:

TX(CH Low)

Test Date: July 8,2012

Temperature: 24°C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	52.19	-8.19	44.00	74.00	-30.00	V	Peak
1600.0000	58.86	-8.02	50.84	74.00	-23.16	V	Peak
3760.0000	45.56	-1.55	44.01	74.00	-29.99	V	Peak
4810.0000	46.00	1.83	47.83	74.00	-26.17	V	Peak
5710.0000	45.23	3.92	49.15	74.00	-24.85	V	Peak
6280.0000	44.73	5.75	50.48	74.00	-23.52	V	Peak
1195.0000	51.68	-8.19	43.49	74.00	-30.51	H	Peak
1600.0000	58.42	-8.02	50.40	74.00	-23.60	H	Peak
3160.0000	47.13	-3.04	44.09	74.00	-29.91	H	Peak
3940.0000	45.45	-1.08	44.37	74.00	-29.63	H	Peak
4675.0000	44.62	1.60	46.22	74.00	-27.78	H	Peak
4990.0000	45.12	2.62	47.74	74.00	-26.26	H	Peak

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Spectrum setting:
 - a. Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - b. AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
5. Frequency (MHz) = Emission frequency in MHz
 Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading
 Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain
 Limit (dBµV/m) = Limit stated in standard
 Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)
 Pk = Peak Reading
 AV. = Average Reading
 Remark = Mark Peak Reading or Average Reading



Operation Mode: TX(CH Mid)

Test Date: July 8,2012

Temperature: 24°C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	52.43	-8.19	44.24	74.00	-29.76	V	Peak
1630.0000	59.56	-8.14	51.42	74.00	-22.58	V	Peak
3235.0000	47.10	-2.98	44.12	74.00	-29.88	V	Peak
3895.0000	45.57	-1.21	44.36	74.00	-29.64	V	Peak
4975.0000	45.87	2.55	48.42	74.00	-25.58	V	Peak
5500.0000	45.95	3.31	49.26	74.00	-24.74	V	Peak
1630.0000	58.44	-8.14	50.30	74.00	-23.70	H	Peak
3505.0000	46.17	-2.33	43.84	74.00	-30.16	H	Peak
4225.0000	45.08	-0.29	44.79	74.00	-29.21	H	Peak
4885.0000	46.45	2.16	48.61	74.00	-25.39	H	Peak
5440.0000	44.56	3.16	47.72	74.00	-26.28	H	Peak
6235.0000	43.76	5.58	49.34	74.00	-24.66	H	Peak

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Spectrum setting:
 - a. Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - b. AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
5. Frequency (MHz) = Emission frequency in MHz
 Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading
 Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain
 Limit (dBµV/m) = Limit stated in standard
 Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)
 Pk = Peak Reading
 AV = Average Reading
 Remark = Mark Peak Reading or Average Reading



Operation Mode: TX(CH High)

Test Date: July 8,2012

Temperature: 24 °C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	51.62	-8.19	43.43	74.00	-30.57	V	Peak
1660.0000	61.88	-8.26	53.62	74.00	-20.38	V	Peak
1660.0000	59.88	-8.26	51.62	54.00	-2.38	V	AVG
3370.0000	46.09	-2.93	43.16	74.00	-30.84	V	Peak
4060.0000	45.33	-0.76	44.57	74.00	-29.43	V	Peak
4735.0000	44.56	1.69	46.25	74.00	-27.75	V	Peak
4960.0000	46.77	2.49	49.26	74.00	-24.74	V	Peak
1195.0000	52.51	-8.19	44.32	74.00	-29.68	H	Peak
1660.0000	60.10	-8.26	51.84	74.00	-22.16	H	Peak
3715.0000	45.92	-1.62	44.30	74.00	-29.70	H	Peak
4285.0000	45.22	0.01	45.23	74.00	-28.77	H	Peak
4960.0000	45.93	2.49	48.42	74.00	-25.58	H	Peak
5845.0000	44.58	4.31	48.89	74.00	-25.11	H	Peak

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Spectrum setting:
 - a. Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - b. AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
5. Frequency (MHz) = Emission frequency in MHz
 Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading
 Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain
 Limit (dBµV/m) = Limit stated in standard
 Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)
 Pk = Peak Reading
 AV. = Average Reading
 Remark = Mark Peak Reading or Average Reading



8DPSK

Operation Mode:

TX(CH Low)

Test Date: July 8,2012

Temperature: 24°C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	53.36	-8.19	45.17	74.00	-28.83	V	Peak
1600.0000	59.18	-8.02	51.16	74.00	-22.84	V	Peak
2950.0000	46.61	-3.46	43.15	74.00	-30.85	V	Peak
3805.0000	46.66	-1.48	45.18	74.00	-28.82	V	Peak
4990.0000	44.27	2.62	46.89	74.00	-27.11	V	Peak
5680.0000	44.28	3.82	48.10	74.00	-25.90	V	Peak
1195.0000	52.07	-8.19	43.88	74.00	-30.12	H	Peak
1600.0000	58.06	-8.02	50.04	74.00	-23.96	H	Peak
3025.0000	46.74	-3.23	43.51	74.00	-30.49	H	Peak
4105.0000	45.81	-0.65	45.16	74.00	-28.84	H	Peak
4765.0000	44.97	1.74	46.71	74.00	-27.29	H	Peak
4975.0000	44.69	2.55	47.24	74.00	-26.76	H	Peak

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Spectrum setting:
 - a. Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - b. AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
5. Frequency (MHz) = Emission frequency in MHz
 Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading
 Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain
 Limit (dBµV/m) = Limit stated in standard
 Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)
 Pk = Peak Reading
 AV. = Average Reading
 Remark = Mark Peak Reading or Average Reading



Operation Mode: TX(CH Mid)

Test Date: July 8,2012

Temperature: 24°C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	53.67	-8.19	45.48	74.00	-28.52	V	Peak
1630.0000	59.26	-8.14	51.12	74.00	-22.88	V	Peak
3910.0000	45.07	-1.17	43.90	74.00	-30.10	V	Peak
4960.0000	44.91	2.49	47.40	74.00	-26.60	V	Peak
5080.0000	45.40	2.75	48.15	74.00	-25.85	V	Peak
6175.0000	44.16	5.36	49.52	74.00	-24.48	V	Peak
1195.0000	53.79	-8.19	45.60	74.00	-28.40	H	Peak
1630.0000	58.30	-8.14	50.16	74.00	-23.84	H	Peak
3250.0000	45.81	-2.97	42.84	74.00	-31.16	H	Peak
3715.0000	46.34	-1.62	44.72	74.00	-29.28	H	Peak
4705.0000	44.47	1.64	46.11	74.00	-27.89	H	Peak
5275.0000	44.58	2.95	47.53	74.00	-26.47	H	Peak

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Spectrum setting:
 - a. Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - b. AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
5. Frequency (MHz) = Emission frequency in MHz
 Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading
 Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain
 Limit (dBµV/m) = Limit stated in standard
 Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)
 Pk = Peak Reading
 AV. = Average Reading
 Remark = Mark Peak Reading or Average Reading



Operation Mode: TX(CH High)

Test Date: July 8,2012

Temperature: 24 °C

Tested by: Leevin Li

Humidity: 52% RH

Polarity: Ver. / Hor.

Frequency (MHz)	Reading (dBµV)	Correction Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1195.0000	53.03	-8.19	44.84	74.00	-29.16	V	Peak
1660.0000	61.67	-8.26	53.41	74.00	-20.59	V	Peak
1660.0000	60.00	-8.26	51.74	54.00	-2.26	V	AVG
1795.0000	53.07	-8.80	44.27	74.00	-29.73	V	Peak
3280.0000	46.40	-2.96	43.44	74.00	-30.56	V	Peak
4300.0000	45.72	0.09	45.81	74.00	-28.19	V	Peak
5020.0000	44.60	2.68	47.28	74.00	-26.72	V	Peak
1195.0000	51.77	-8.19	43.58	74.00	-30.42	H	Peak
1660.0000	59.91	-8.26	51.65	74.00	-22.35	H	Peak
3220.0000	46.05	-2.98	43.07	74.00	-30.93	H	Peak
3910.0000	45.19	-1.17	44.02	74.00	-29.98	H	Peak
4465.0000	44.07	0.89	44.96	74.00	-29.04	H	Peak
5350.0000	45.27	3.02	48.29	74.00	-25.71	H	Peak

Notes:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- Spectrum setting:
 - Peak Setting 1GHz - 26GHz, RBW = 1MHz, VBW = 1MHz, Sweep time = 200 ms.
 - AV Setting 1GH z- 26GHz, RBW = 1MHz, VBW = 10Hz, Sweep time = 200 ms.
- Frequency (MHz) = Emission frequency in MHz

Reading (dBµV/m) =Uncorrected Analyzer / Receiver Reading

Correction Factor (dB) = Antenna factor + Cable loss – Amplifier gain

Limit (dBµV/m) = Limit stated in standard

Margin (dB) = Result (dBµV/m)- Limit (dBµV/m)

Pk = Peak Reading

AV. = Average Reading

Remark = Mark Peak Reading or Average Reading



6.9 POWERLINE CONDUCTED EMISSIONS

LIMIT

For an intentional radiator which 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 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range is listed as follows:

Frequency Range (MHz)	Limits (dBµV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

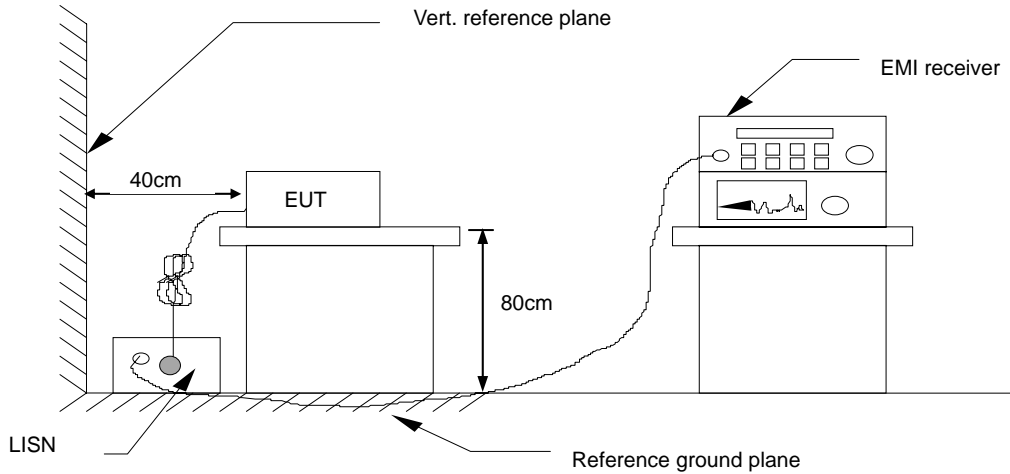
MEASUREMENT EQUIPMENT USED

Conducted Emission Test Site					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
ESCI EMI TEST RECEIVE.ESCI	ROHDE&SCHWARZ	ESCI	100783	03/17/2012	03/17/2013
LISN (EUT)	SCHAFFNER	NNB42	2001/001	03/19/2012	03/19/2013
LISN	EMCO	3825/2	8901-1459	03/19/2012	03/19/2013
Temp. / Humidity Meter	VICTOR	HTC-1	2	03/20/2012	03/20/2013
Test S/W	FARAD	EZ-EMC/ CCS-3A1-CE			

Remark: Each piece of equipment is scheduled for calibration once a year.



Test Configuration



See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

TEST PROCEDURE

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

TEST RESULTS

Not applicable, Since EUT supplied by DC power.