

FCC TEST REPORT

FOR

Shenzhen Kaijuyuan Technology Co., Ltd

Wireless Headset(2.4GHz)

Model No.: SYLLABLE-G08, SYLLABLE-G15, SYLLABLE-G14

Prepared for
Address

: Shenzhen Kaijuyuan Technology Co., Ltd
: Rm 1606, Seven Stars Square, Meilong Rd, Longhua, Bao'an,
Shenzhen, Guangdong, China

Prepared by
Address

: Shenzhen LCS Compliance Testing Laboratory Ltd.
: 1F., Xingyuan Industrial Park, Tongda Road, Bao'an Blvd., Bao'an
District, Shenzhen, Guangdong, China

Date of receipt of test sample : November 08, 2012
Number of tested samples : 1
Serial number : Prototype
Date of Test : November 08, 2012 –November 20, 2012
Date of Report : November 20, 2012

FCC TEST REPORT
FCC CFR 47 PART 15 C(15.247)

Report Reference No. : **LCS121108039QF**

Date of Issue : November 20, 2012

Testing Laboratory Name : **Shenzhen LCS Compliance Testing Laboratory Ltd.**

Address : 1F., Xingyuan Industrial Park, Tongda Road, Bao'an Blvd., Bao'an District, Shenzhen, Guangdong, China

Testing Location/ Procedure : Full application of Harmonised standards Partial application of Harmonised standards Other standard testing method

Applicant's Name : **Shenzhen Kaijuyuan Technology Co., Ltd**

Address : Rm 1606, Seven Stars Square, Meilong Rd, Longhua, Bao'an, Shenzhen, Guangdong, China

Test Specification

Standard : FCC CFR 47 PART 15 Subpart C, ANSI C63.4-2003

Test Report Form No. : LCSEMC-1.0

TRF Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF : Dated 2011-03

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Test Item Description : **Wireless Headset(2.4GHz)**

Trade Mark :



Model/ Type reference : SYLLABLE-G08

Ratings : DC 3.7V (Li-ion Battery)

DC 5V From PC Input AC 120/60Hz

Result : **Positive**

Compiled by:

Ada Liang

Ada Liang/ File administrators

Supervised by:

Vito Cao

Vito Cao/ Technique principal

Approved by:

Gavin Liang

Gavin Liang/ Manager

FCC -- TEST REPORT

Test Report No. : LCS121108039QF	<u>November 20, 2012</u> Date of issue
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Type / Model..... : SYLLABLE-G08

EUT..... : Wireless Headset(2.4GHz)

Applicant..... : Shenzhen Kaijuyuan Technology Co., Ltd

Address..... : Rm 1606, Seven Stars Square, Meilong Rd, Longhua, Bao'an, Shenzhen, Guangdong, China

Telephone..... : /

Fax..... : /

Manufacturer..... : Shenzhen Kaijuyuan Technology Co., Ltd

Address..... : Rm 1606, Seven Stars Square, Meilong Rd, Longhua, Bao'an, Shenzhen, Guangdong, China

Telephone..... : /

Fax..... : /

Factory..... : Shenzhen Kaijuyuan Technology Co., Ltd

Address..... : Rm 1606, Seven Stars Square, Meilong Rd, Longhua, Bao'an, Shenzhen, Guangdong, China

Telephone..... : /

Fax..... : /

Test Result:	Positive
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. GENERAL INFORMATION

1.1 Description of Device (EUT)

EUT : Wireless Headset(2.4GHz)
 Model Number : SYLLABLE_G08
 Power Supply : DC 3.7V (Li-ion Battery)
 DC 5V From PC Input AC 120/60Hz
 Frequency Range : 2402.00-2480.00MHz (Channel Frequency=2402+1(K-1),
 K=1, 2, 379)
 Modulation Technology : GFSK(1Mbps)
 π /4-DQPSK(2Mbps)
 8-DPSK(3Mbps)
 Module Channel : 79
 Channel Spacing : 1MHz
 Bluetooth Version : Bluetooth 2.1 Version with EDR
 Antenna Gain : 2.0dBi (Isotropic)

1.2 Host System Configuration List and Details

Manufacturer	Description	Model	S/N	Certificate
Lenovo	Notebook	Lenovo B470	WB05067151	DoC

1.3 External I/O Cable

Cable Description	Length (M)	From/Port	To
N/A	N/A	N/A	N/A

1.4 Description of Test Facility

Site Description

EMC Lab. : Accredited by CNAS, June 04, 2010
 The Certificate Registration Number. is L4595.
 Accredited by FCC, July 14, 2011
 The Certificate Registration Number. is 899208.
 Accredited by Industry Canada, May. 02, 2011
 The Certificate Registration Number. is 9642A-1

1.5 Statement of The Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

1.6 Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Radiation Uncertainty	30MHz~200MHz	±2.96dB	(1)
	200MHz~1000MHz	±3.10dB	(1)
	1GHz~26.5GHz	±3.80dB	(1)
Conduction Uncertainty	150kHz~30MHz	±1.63dB	(1)
Power disturbance	30MHz~300MHz	±1.60dB	(1)

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

1.7 Description Of Test Modes

Bluetooth operates in the unlicensed ISM Band at 2.4GHz. With the introduction of the enhanced data rate (EDR) feature, the data rates can be up to 3 Mb/s. An increase in the peak data rate beyond the basic rate of 1 Mb/s is achieved by modulating the RF carrier using GFSK techniques, resulting in an increase of two to three times the number of bits per symbol. The 2 Mb/s EDR packets use a Pi/4-DQPSK modulation and the 3 Mb/s EDR packets use 8DPSK modulation. The following operating modes were applied for the related test items.

The EUT has been operated in GFSK, $\pi/4$ DQPSK, 8 DPSK modulation. The following operating modes were applied for the related test items. All 3 axis (X, Y and Z) have been tested.

Mode of Operations	Frequency Range (MHz)	Data Rate (Mbps)
GFSK	2402	1
	2441	1
	2480	1
$\pi/4$ DQPSK	2402	2
	2441	2
	2480	2
8 DPSK	2402	3
	2441	3
	2480	3
For Conducted Emission		
Test Mode	Perhaps Link Mode	
For Radiated Emission		
Test Mode	TX Mode	

Note: All the test modes were tested, and only the result of the worst case was recorded in the report.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.4 and FCC CFR PART 15C 15.207, 15.209, 15.247 and DA 00-705.

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to its specifications, the EUT must comply with the requirements of the Section 15.207, 15.209 and 15.247 under the FCC Rules Part 15 Subpart C.

2.3 General Test Procedures

2.3.1 Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.4 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using Quasi-peak and average detector modes.

2.3.2 Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.4

3. SYSTEM TEST CONFIGURATION

3.1 Justification

N/A.

3.2 EUT Exercise Software

N/A.

3.3 Special Accessories

N/A.

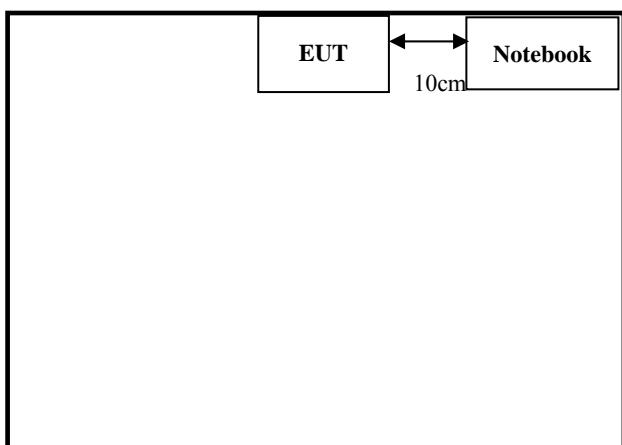
3.4 Block Diagram/Schematics

Please refer to the report.

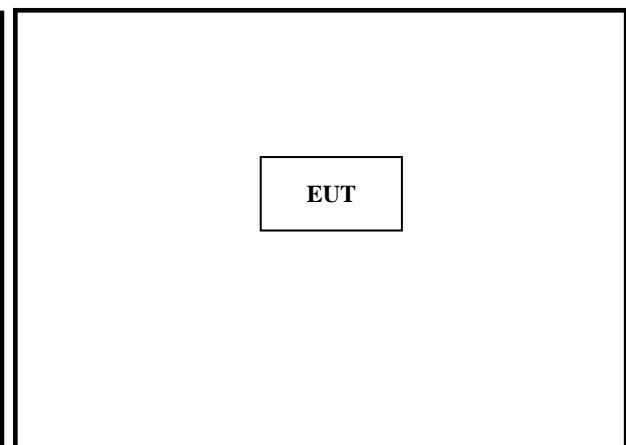
3.5 Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

3.6 Block Diagram of Test Setup



a. Conducted emission



b. Radiated emission

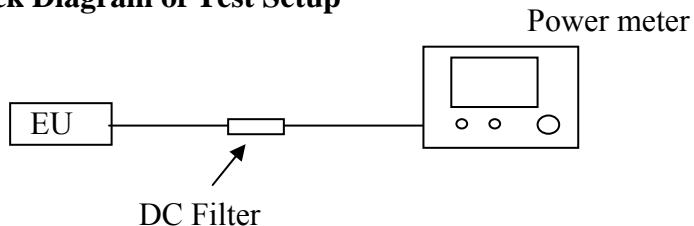
4. FCC PART 15.247 REQUIREMENTS

4.1 Peak Power

4.1.1 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Power Sensor	Agilent	E9327A	US40441788	2012-06-18	2013-06-17
2	Power Meter	Agilent	E4416A	QB41292714	2012-06-18	2013-06-17
3	DC Filter	MPE	23872C	N/A	2012-06-18	2013-06-17

4.1.2 Block Diagram of Test Setup



4.1.3 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 125mW.

According to §15.247(b)(3), for systems using digital modulation in the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz: 1 Watt.

4.1.4 Test Procedure

The transmitter output is connected to the Power Meter.

4.1.5 Test Results

Channel	Frequency (MHz)	Output Power (dBm)	Output Power (mW)	Limit (mW)	Result
GFSK	2402	4.257	2.665	1000	Pass
	2441	2.772	1.893	1000	Pass
	2480	3.805	2.402	1000	Pass
$\pi/4$ DQPSK	2402	3.614	2.298	1000	Pass
	2441	1.344	1.363	1000	Pass
	2480	2.613	1.825	1000	Pass
8DPSK	2402	4.239	2.654	1000	Pass
	2441	2.666	1.848	1000	Pass
	2480	3.781	2.388	1000	Pass

4.2 Band Edges Measurement

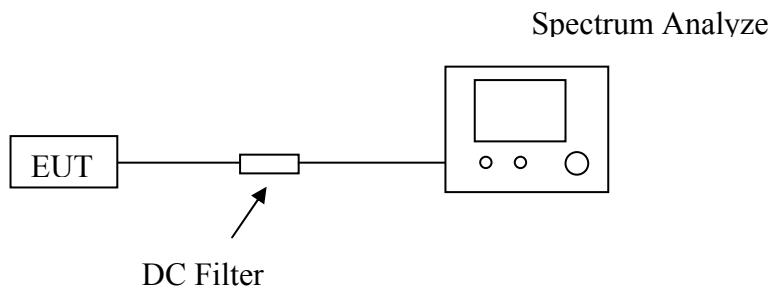
4.2.1 Limit

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).

4.2.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	2012-06-18	2013-06-17
2	RF Cable	Hubersuhne	Sucoflex104	FP2RX2	2012-06-18	2013-06-17
3	DC Filter	MPE	23872C	N/A	2012-06-18	2013-06-17

4.2.3 Block Diagram of Test Setup

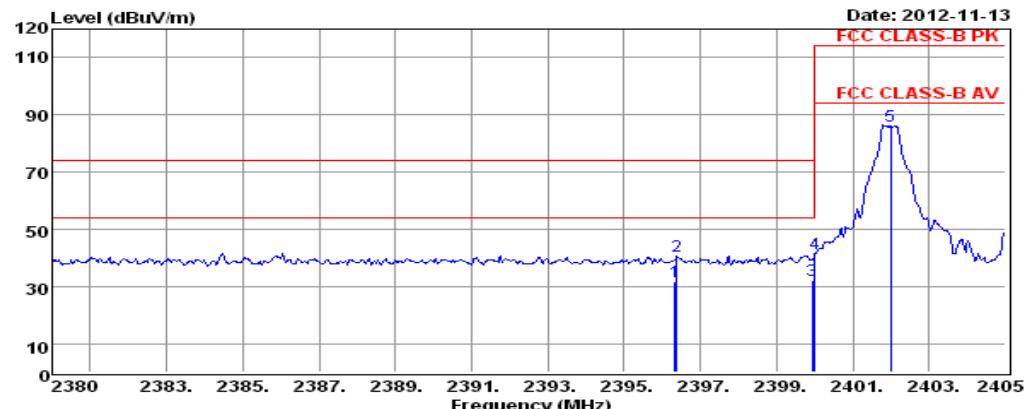


4.2.4 Test Procedure

- A. Place the EUT on the table and set it in transmitting mode.
- B. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Spectrum Analyzer.
- C. Set center frequency of Spectrum Analyzer = Lower and Upper channel.
- D. Set the Spectrum Analyzer as RBW = 100kHz, VBW = 300kHz, Span = 10MHz, Sweep = auto.
- E. Max hold, mark 2 peaks of hopping channel and record the 2 peaks frequency.

4.2.5 Test Results

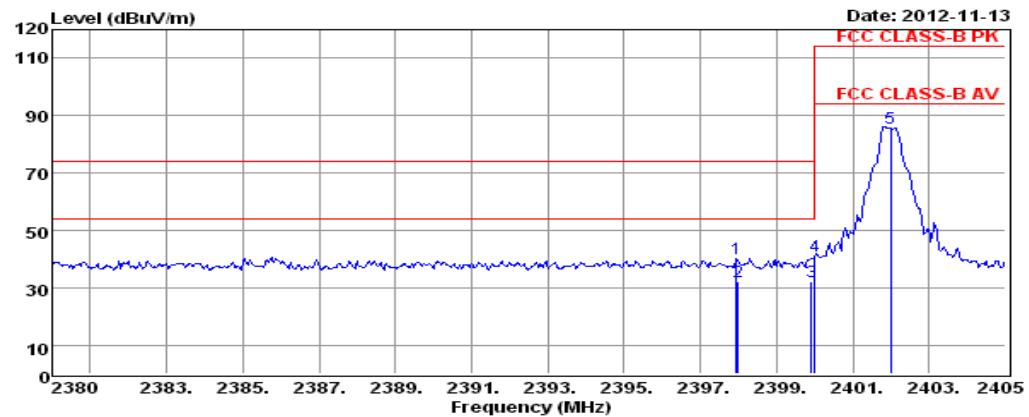
Lower Band-edge – Hopping off (GFSK)



Env. /Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-1Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

	Freq.	Reading	CabLoss	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2396.34	28.75	5.05	27.91	30.16	31.55	54.00	-22.45	Average
2	2396.38	37.77	5.05	27.91	30.16	40.57	74.00	-33.43	Peak
3	2399.94	29.50	5.06	27.90	30.16	32.30	54.00	-21.70	Average
4	2400.00	38.50	5.06	27.90	30.16	41.30	74.00	-32.70	Peak
5	2402.00	83.22	5.06	27.89	30.16	86.01	114.00	-27.99	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

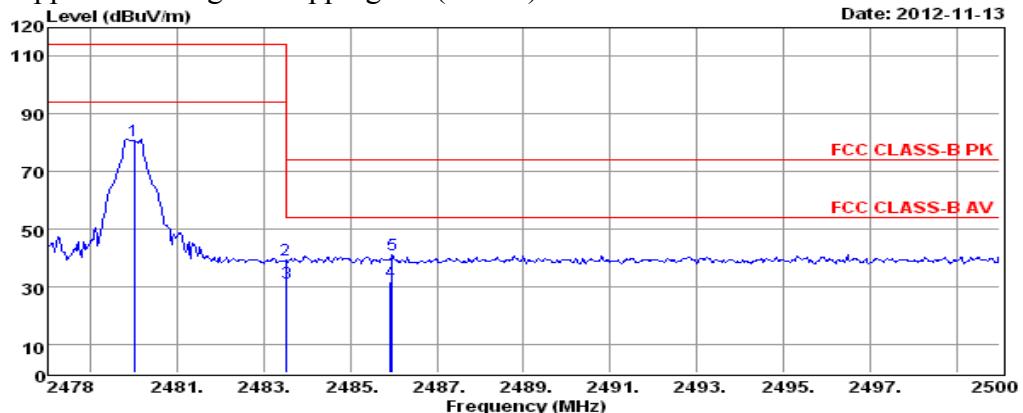


Env. /Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-1Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

	Freq.	Reading	CabLoss	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2397.95	37.23	5.06	27.91	30.16	40.04	74.00	-33.96	Peak
2	2397.99	29.18	5.06	27.91	30.16	31.99	54.00	-22.01	Average
3	2399.91	29.41	5.06	27.90	30.16	32.21	54.00	-21.79	Average
4	2400.00	38.45	5.06	27.90	30.16	41.25	74.00	-32.75	Peak
5	2402.00	82.94	5.06	27.89	30.16	85.73	114.00	-28.27	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

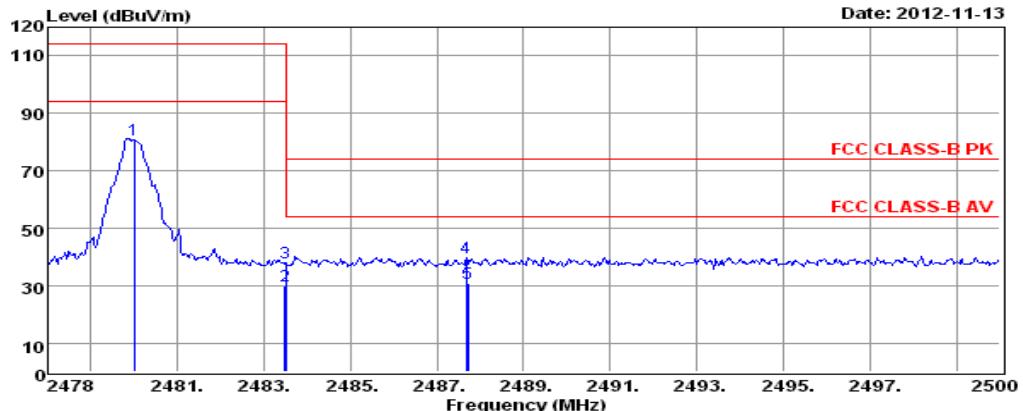
Upper Band-edge – Hopping off (GFSK)



Env. / Ins: 24°C / 56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2480-1Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

Freq.	Reading	CabLos	AntFac	PreFac	Measured		Limit	Over	Remark			
					MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB
1	2480.00	77.92	5.17	27.66	30.16	80.59	114.00	-33.41	Peak			
2	2483.50	36.43	5.18	27.65	30.16	39.10	74.00	-34.90	Peak			
3	2483.51	28.39	5.18	27.65	30.16	31.06	54.00	-22.94	Average			
4	2485.93	29.19	5.18	27.64	30.16	31.85	54.00	-22.15	Average			
5	2485.96	38.22	5.18	27.64	30.16	40.88	74.00	-33.12	Peak			

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

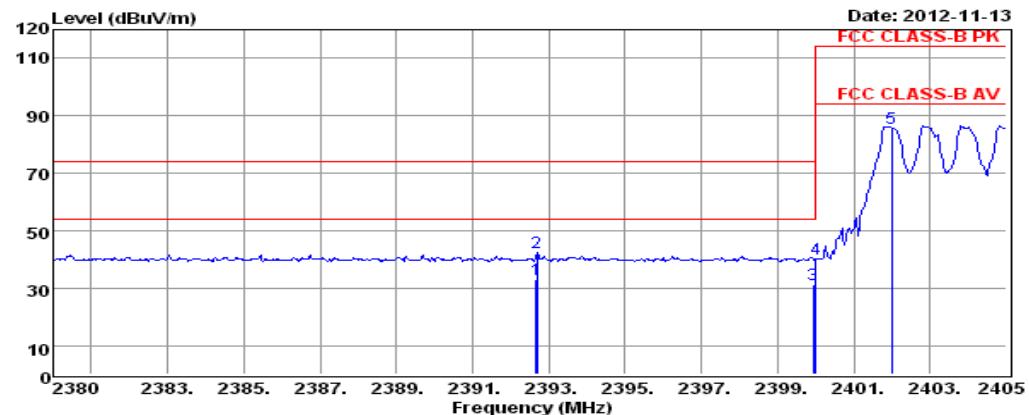


Env. / Ins: 24°C / 56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2480-1Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

Freq.	Reading	CabLos	AntFac	PreFac	Measured		Limit	Over	Remark			
					MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB
1	2480.00	77.86	5.17	27.66	30.16	80.53	114.00	-33.47	Peak			
2	2483.49	27.10	5.18	27.65	30.16	29.77	94.00	-64.23	Average			
3	2483.50	35.19	5.18	27.65	30.16	37.86	74.00	-36.14	Peak			
4	2487.68	37.09	5.18	27.64	30.16	39.75	74.00	-34.25	Peak			
5	2487.71	28.01	5.18	27.64	30.16	30.67	54.00	-23.33	Average			

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

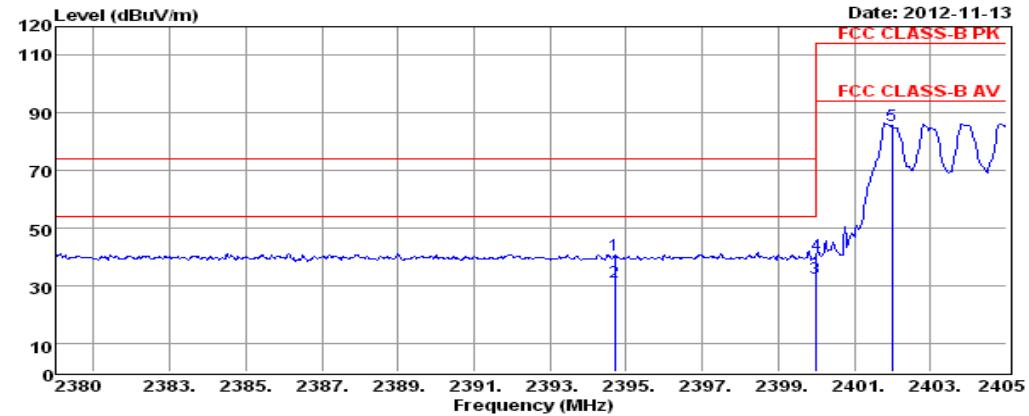
Lower Band-edge – Hopping on (GFSK)



Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-1Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

Freq.	Reading	CabLos		AntFac	Prefac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	2392.67	30.34	5.05	27.92	30.16	33.15	54.00	-20.85	Average
2	2392.70	39.38	5.05	27.92	30.16	42.19	74.00	-31.81	Peak
3	2399.93	28.21	5.06	27.90	30.16	31.01	54.00	-22.99	Average
4	2400.00	37.25	5.06	27.90	30.16	40.05	74.00	-33.95	Peak
5	2402.00	83.08	5.06	27.89	30.16	85.87	114.00	-28.13	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

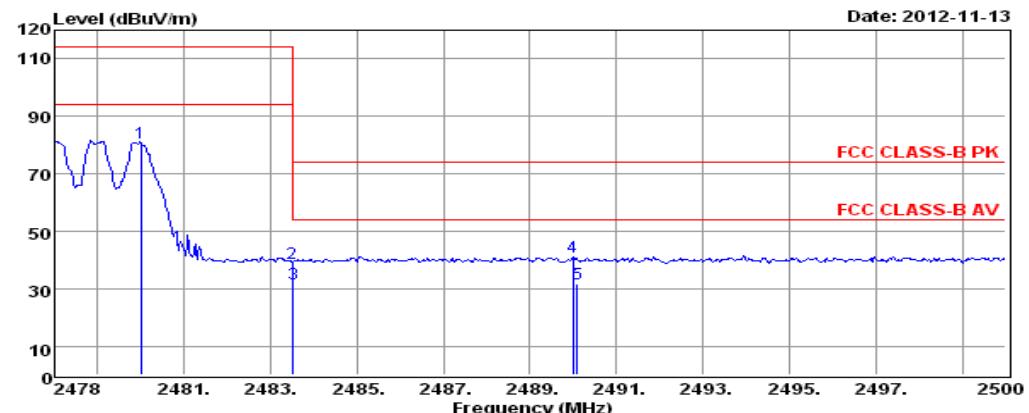


Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-1Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

Freq.	Reading	CabLos		AntFac	Prefac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	2394.70	37.71	5.05	27.92	30.16	40.52	74.00	-33.48	Peak
2	2394.71	28.56	5.05	27.92	30.16	31.37	54.00	-22.63	Average
3	2399.97	29.67	5.06	27.90	30.16	32.47	54.00	-21.53	Average
4	2400.00	37.74	5.06	27.90	30.16	40.54	74.00	-33.46	Peak
5	2402.00	83.05	5.06	27.89	30.16	85.84	114.00	-28.16	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

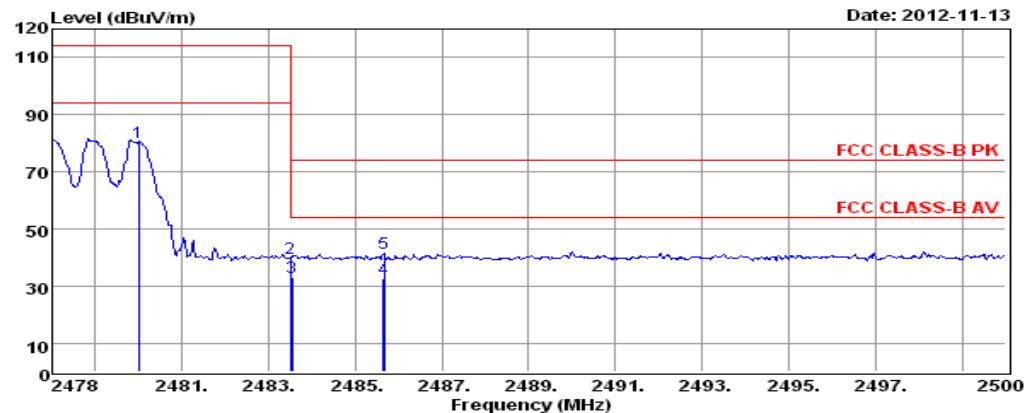
Upper Band-edge – Hopping on (GFSK)



Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-1Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

	Freq.	Reading	CabLos	AntFac	Prefac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2480.00	77.89	5.17	27.66	30.16	80.56	114.00	-33.44	Peak
2	2483.50	36.19	5.18	27.65	30.16	38.86	74.00	-35.14	Peak
3	2483.51	29.12	5.18	27.65	30.16	31.79	54.00	-22.21	Average
4	2489.99	38.25	5.19	27.63	30.16	40.91	74.00	-33.09	Peak
5	2490.10	29.20	5.19	27.63	30.16	31.86	54.00	-22.14	Average

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

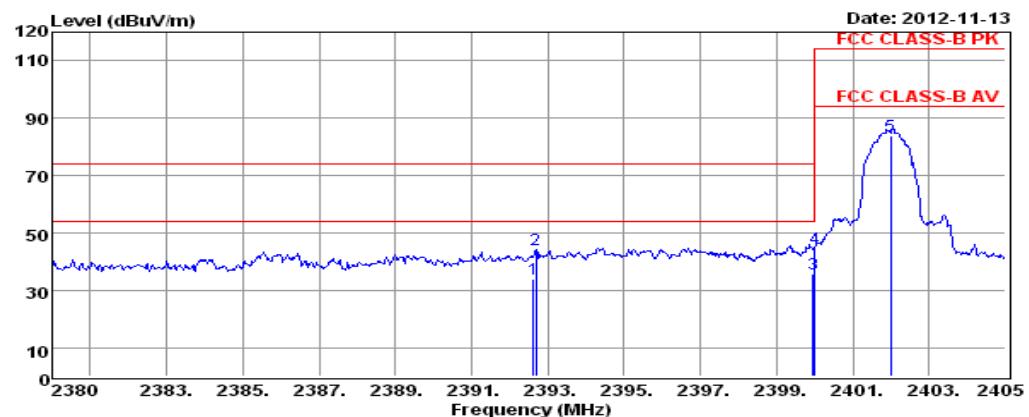


Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-1Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

	Freq.	Reading	CabLos	AntFac	Prefac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2480.00	77.60	5.17	27.66	30.16	80.27	114.00	-33.73	Peak
2	2483.50	37.24	5.18	27.65	30.16	39.91	74.00	-34.09	Peak
3	2483.53	30.20	5.18	27.65	30.16	32.87	54.00	-21.13	Average
4	2485.64	29.91	5.18	27.64	30.16	32.57	54.00	-21.43	Average
5	2485.66	38.93	5.18	27.64	30.16	41.59	74.00	-32.41	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

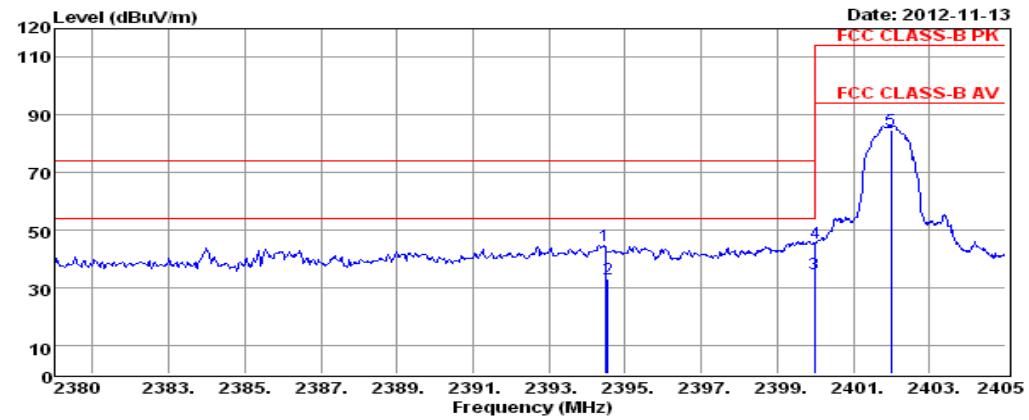
Lower Band-edge – Hopping off (8DPSK)



Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-3Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

	Freq.	Reading	CabLos	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2392.63	31.23	5.05	27.92	30.16	34.04	54.00	-19.96	Average
2	2392.70	41.21	5.05	27.92	30.16	44.02	74.00	-29.98	Peak
3	2399.96	32.74	5.06	27.90	30.16	35.54	54.00	-18.46	Average
4	2400.00	41.78	5.06	27.90	30.16	44.58	74.00	-29.42	Peak
5	2402.00	81.02	5.06	27.89	30.16	83.81	114.00	-30.19	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

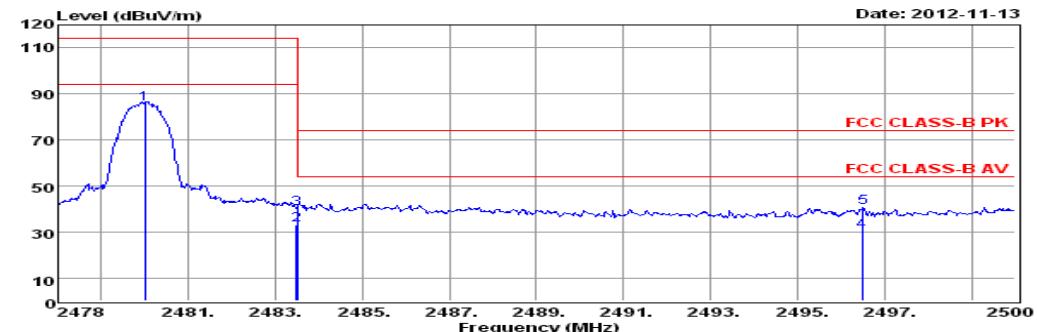


Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-3Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

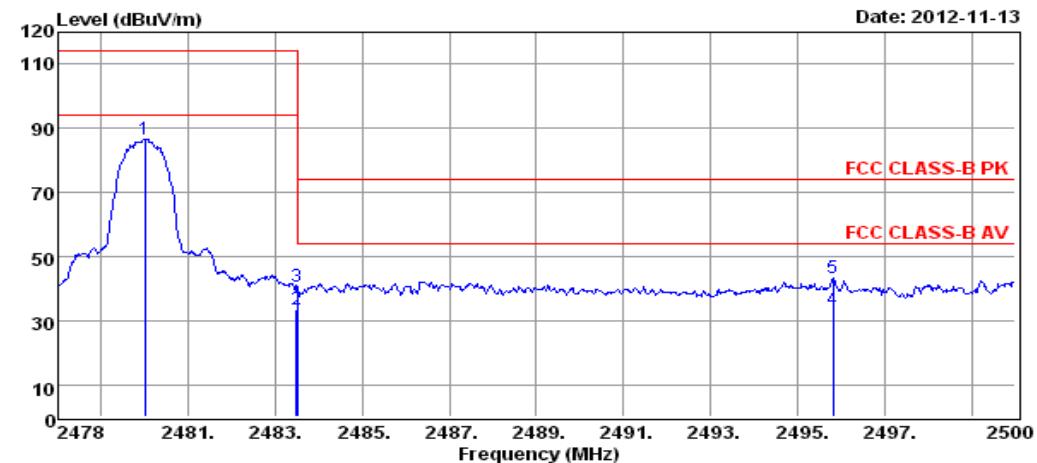
	Freq.	Reading	CabLos	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	2394.48	41.94	5.05	27.92	30.16	44.75	74.00	-29.25	Peak
2	2394.55	30.35	5.05	27.92	30.16	33.16	54.00	-20.84	Average
3	2399.97	31.79	5.06	27.90	30.16	34.59	54.00	-19.41	Average
4	2400.00	42.78	5.06	27.90	30.16	45.58	74.00	-28.42	Peak
5	2402.00	82.02	5.06	27.89	30.16	84.81	114.00	-29.19	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

Upper Band-edge – Hopping off (8DPSK)

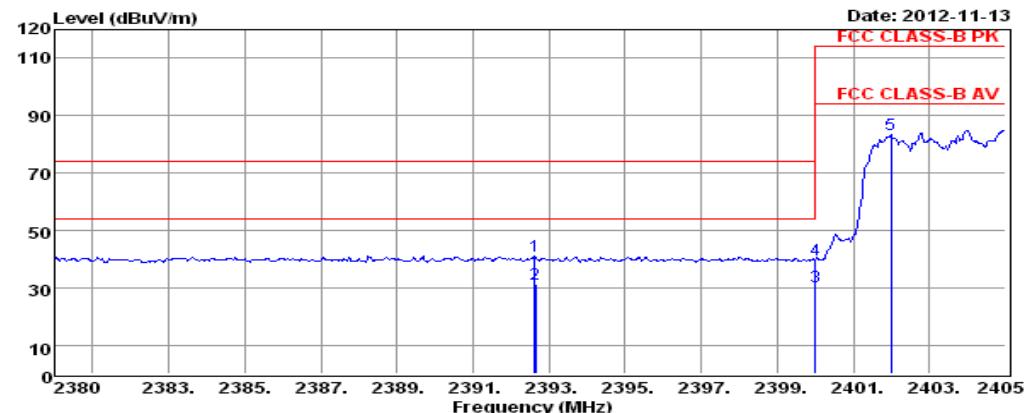


Note: 1. All readings are Quasi-peak values.
2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
3. The emission levels that are 20dB below the official limit are not reported.



Note: 1. All readings are Quasi-peak values.
2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
3. The emission levels that are 20dB below the official limit are not reported.

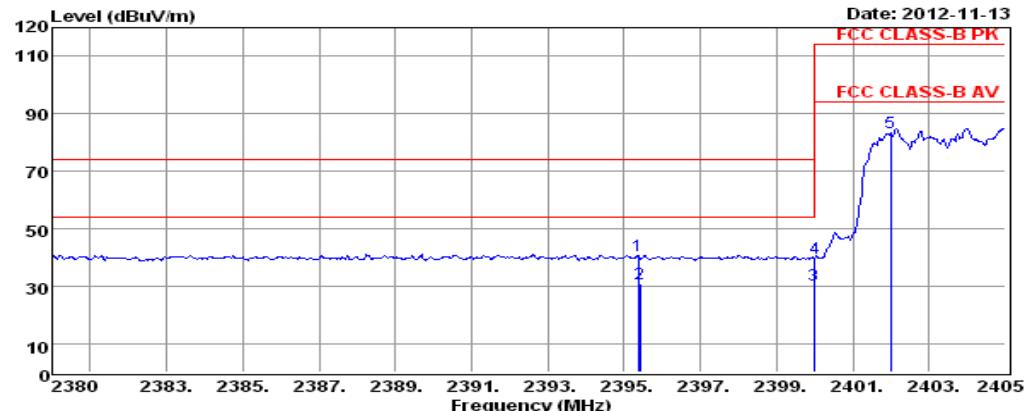
Lower Band-edge – Hopping on (8DPSK)



Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-3Mbps
 Operator: ANDY
 Memo:
 pol: HORIZONTAL

Freq.	Reading	CabLos	AntFac	Prefac	Measured		Limit	Over	Remark	
					MHz	dBuV	dB	dB/m	dB	dBuV/m
1	2392.63	38.28	5.05	27.92	23.92	30.16	41.09	74.00	-32.91	Peak
2	2392.64	28.21	5.05	27.92	23.92	30.16	31.02	54.00	-22.98	Average
3	2400.00	27.71	5.06	27.90	23.92	30.16	30.51	54.00	-23.49	Average
4	2400.00	36.78	5.06	27.90	23.92	30.16	39.58	74.00	-34.42	Peak
5	2402.00	80.78	5.06	27.89	23.92	30.16	83.57	114.00	-30.43	Peak

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

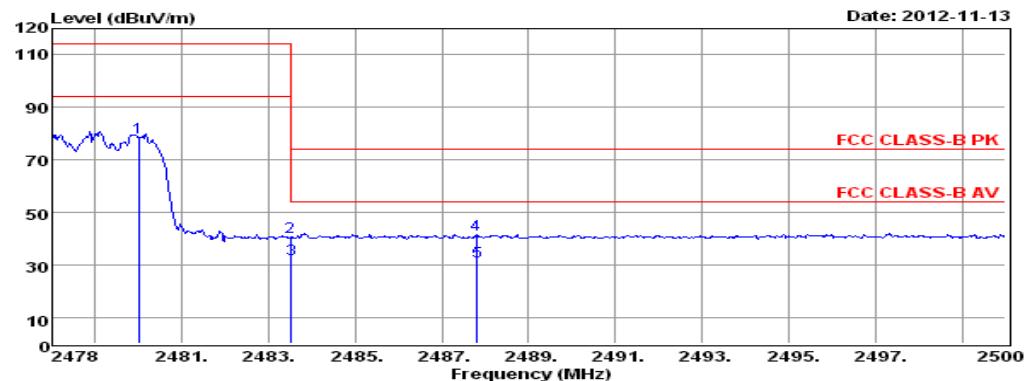


Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE_G08
 Power Rating: DC 3.7V
 Test Mode: Hopping On-3Mbps
 Operator: ANDY
 Memo:
 pol: VERTICAL

Freq.	Reading	CabLos	AntFac	Prefac	Measured		Limit	Over	Remark	
					MHz	dBuV	dB	dB/m	dB	dBuV/m
1	2395.38	43.06	0.00	27.91	23.95	30.16	40.81	74.00	-33.19	Peak
2	2395.41	33.01	0.00	27.91	23.95	30.16	30.76	54.00	-23.24	Average
3	2399.98	32.77	0.00	27.90	23.95	30.16	30.51	54.00	-23.49	Average
4	2400.00	41.84	0.00	27.90	23.95	30.16	39.58	74.00	-34.42	Peak
5	2402.00	85.84	0.00	27.89	23.95	30.16	83.57	114.00	-30.43	Peak

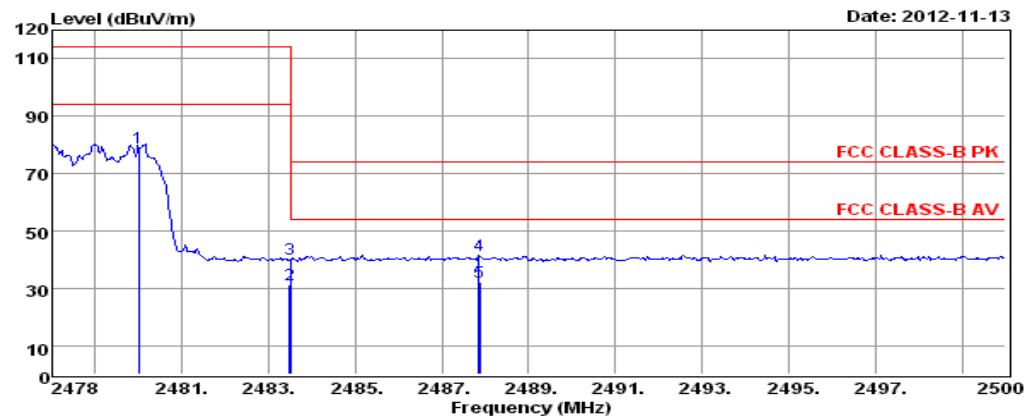
Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that ate 20dB below the official limit are not reported.

Upper Band-edge – Hopping on (8DPSK)



Freq.	Reading	CabLos		AntFac	Prefac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	2480.00	75.91	5.17	27.66	30.16	78.58	114.00	-35.42	Peak
2	2483.50	37.74	5.18	27.65	30.16	40.41	74.00	-33.59	Peak
3	2483.51	29.65	5.18	27.65	30.16	32.32	54.00	-21.68	Average
4	2487.79	38.70	5.18	27.64	30.16	41.36	74.00	-32.64	Peak
5	2487.81	28.67	5.18	27.64	30.16	31.33	54.00	-22.67	Average

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.



Freq.	Reading	CabLos		AntFac	Prefac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	2480.00	76.36	5.17	27.66	30.16	79.03	114.00	-34.97	Peak
2	2483.49	28.42	5.18	27.65	30.16	31.09	94.00	-62.91	Average
3	2483.50	37.46	5.18	27.65	30.16	40.13	74.00	-33.87	Peak
4	2487.86	38.79	5.18	27.64	30.16	41.45	74.00	-32.55	Peak
5	2487.87	29.66	5.18	27.64	30.16	32.32	54.00	-21.68	Average

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

4.3 Frequency Separation

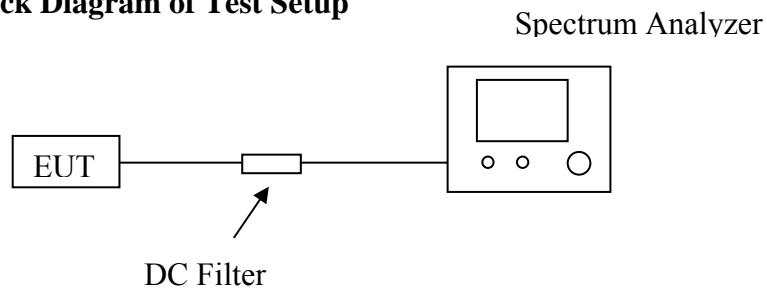
4.3.1 Limit

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 125mW.

4.3.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	2012-06-18	2013-06-17
2	RF Cable	Hubersuhne	Sucoflex104	FP2RX2	2012-06-18	2013-06-17
3	DC Filter	MPE	23872C	N/A	2012-06-18	2013-06-17

4.3.3 Block Diagram of Test Setup



4.3.4 Test Procedure

- F. Place the EUT on the table and set it in transmitting mode.
- G. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Spectrum Analyzer.
- H. Set center frequency of Spectrum Analyzer = middle of hopping channel.
- I. Set the Spectrum Analyzer as RBW = 100kHz, VBW = 100kHz, Span = 5MHz, Sweep = auto.
- J. Max hold, mark 2 peaks of hopping channel and record the 2 peaks frequency.

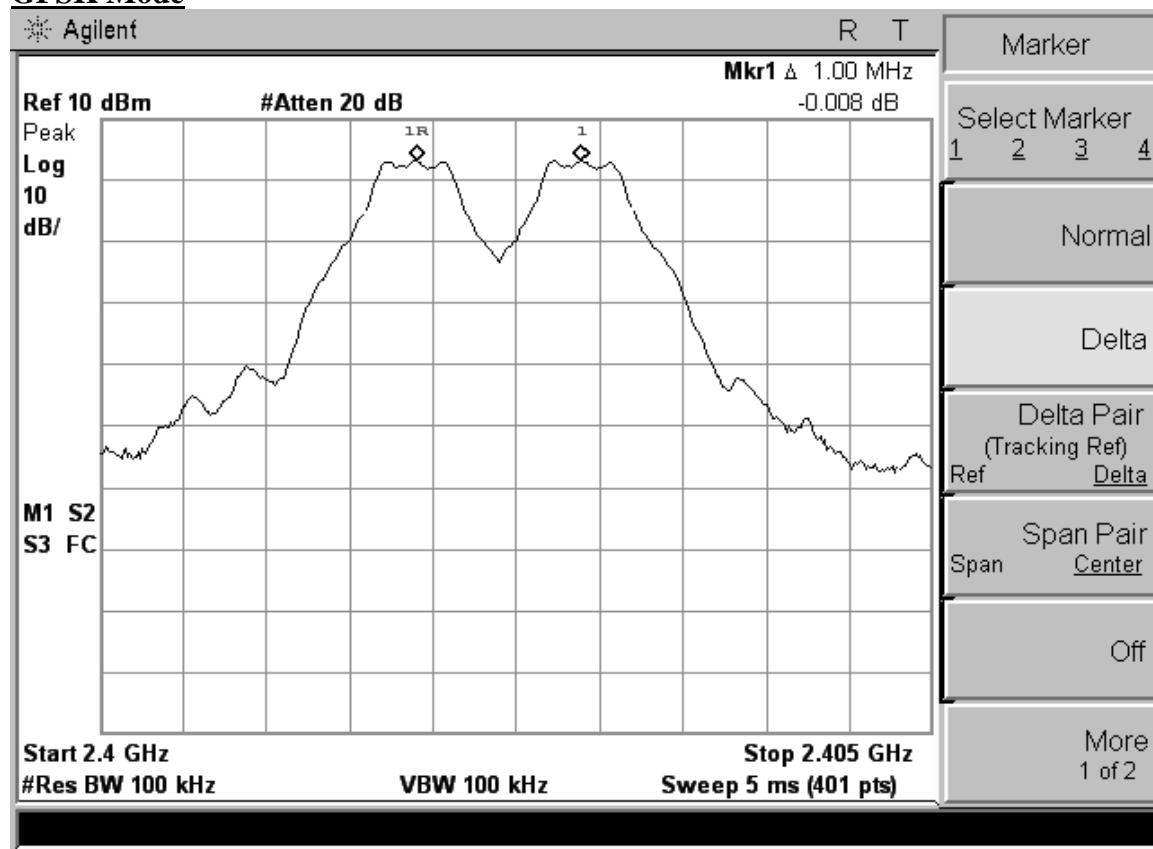
4.3.5 Test Results

The Measurement Result With The Worst Case of GFSK And 8DQPSK Modulation					
CH	GFSK Channel Separation (MHz)	8DQPSK Channel Separation (MHz)	8DQPSK 20dB Bandwidth (MHz)	Limit (MHz)	Result
Low	1.000	1.000	1.199	two-thirds of the 20 dB bandwidth	Pass
Middle	1.000	1.000	1.200		Pass
High	1.000	1.000	1.193		Pass

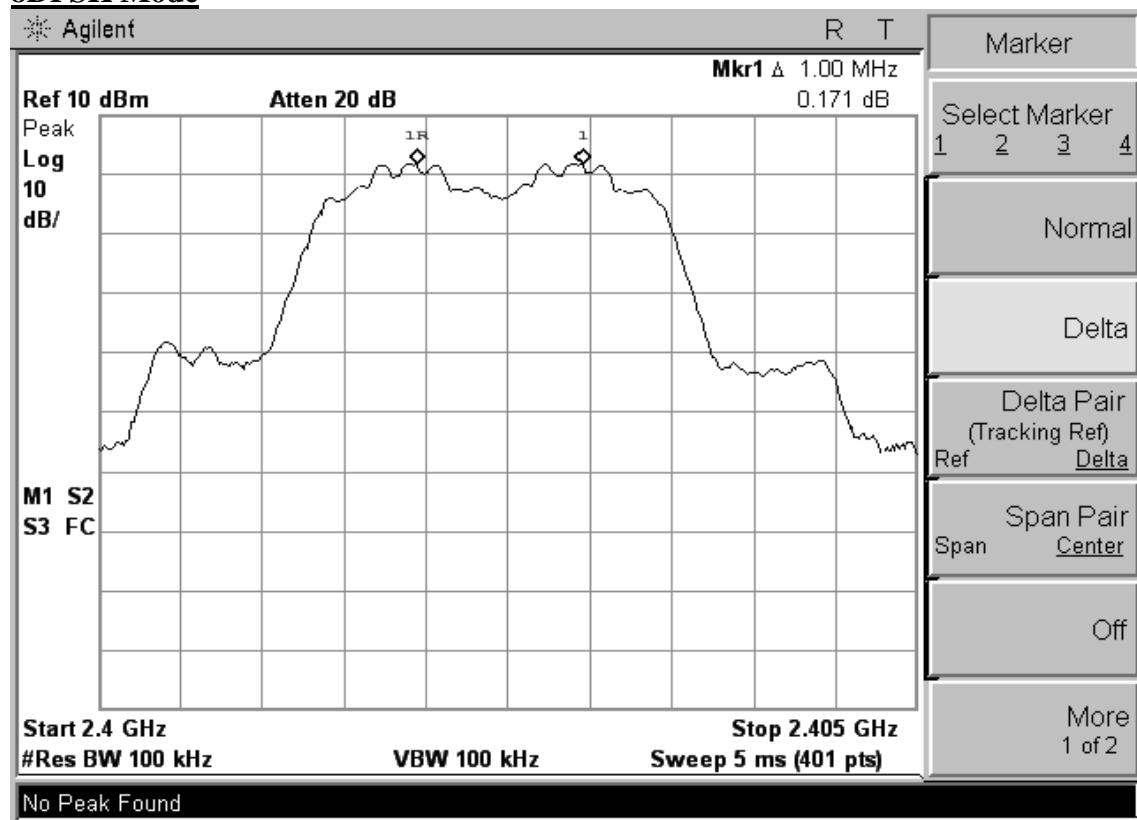
The test data graph please refer to the following page.

Carrier Frequency Separation

GFSK Mode

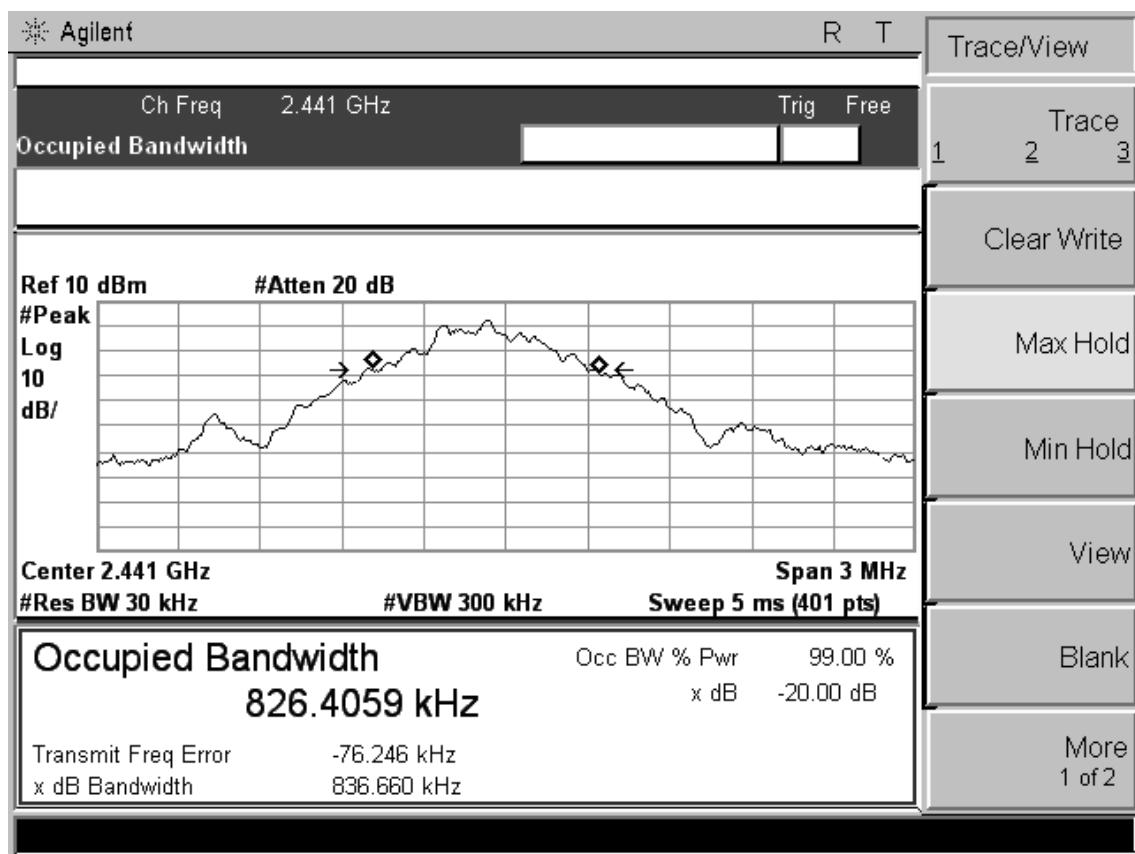
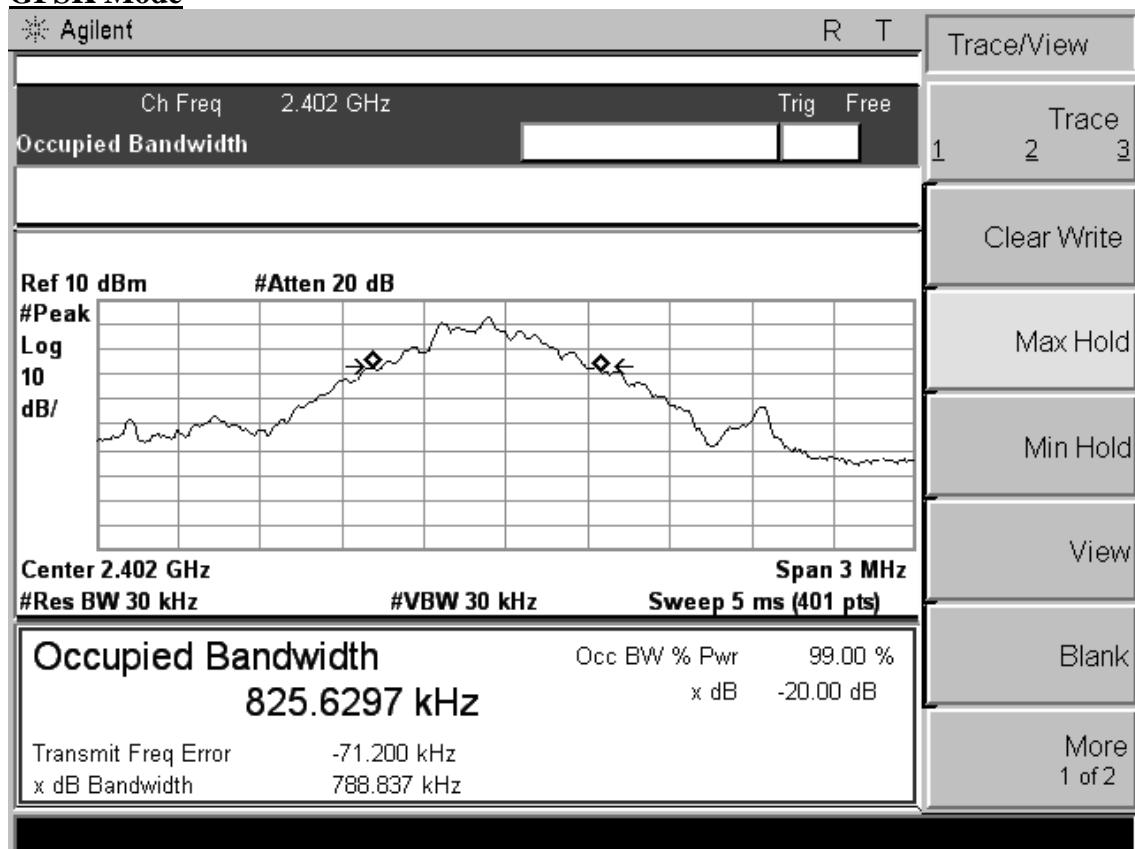


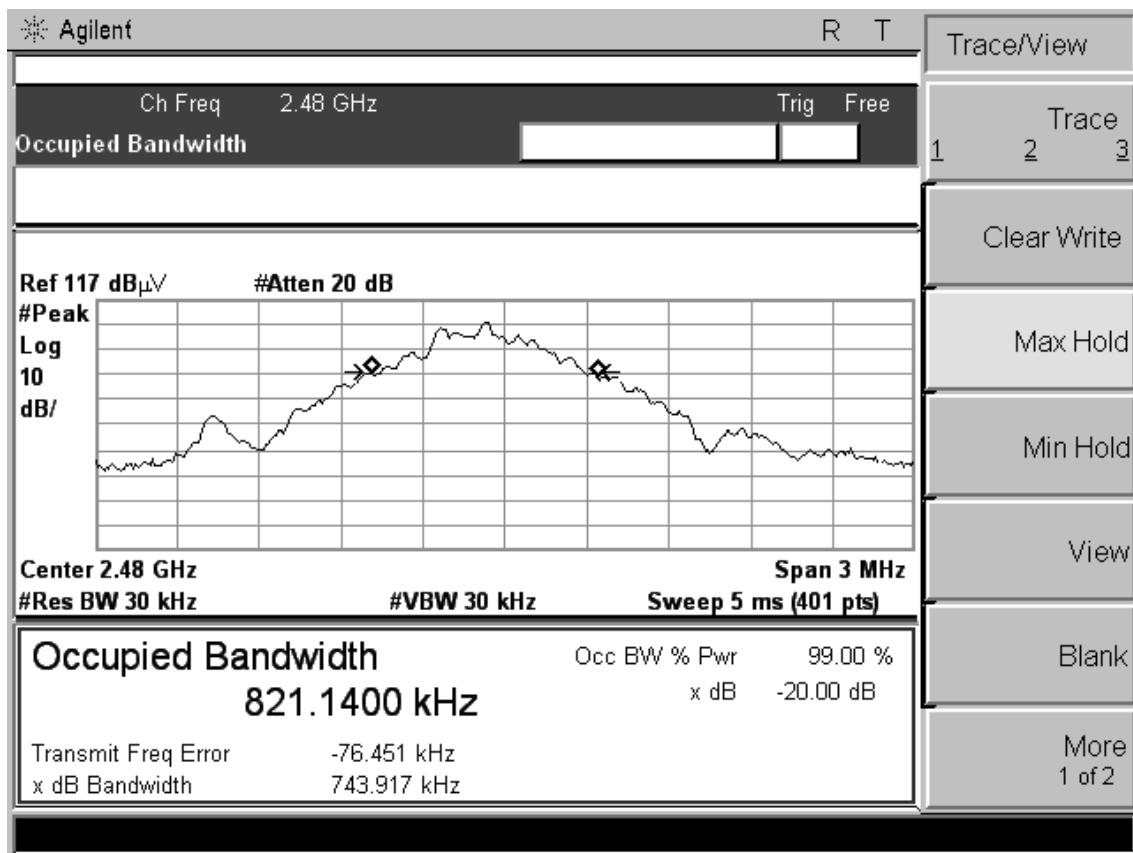
8DPSK Mode



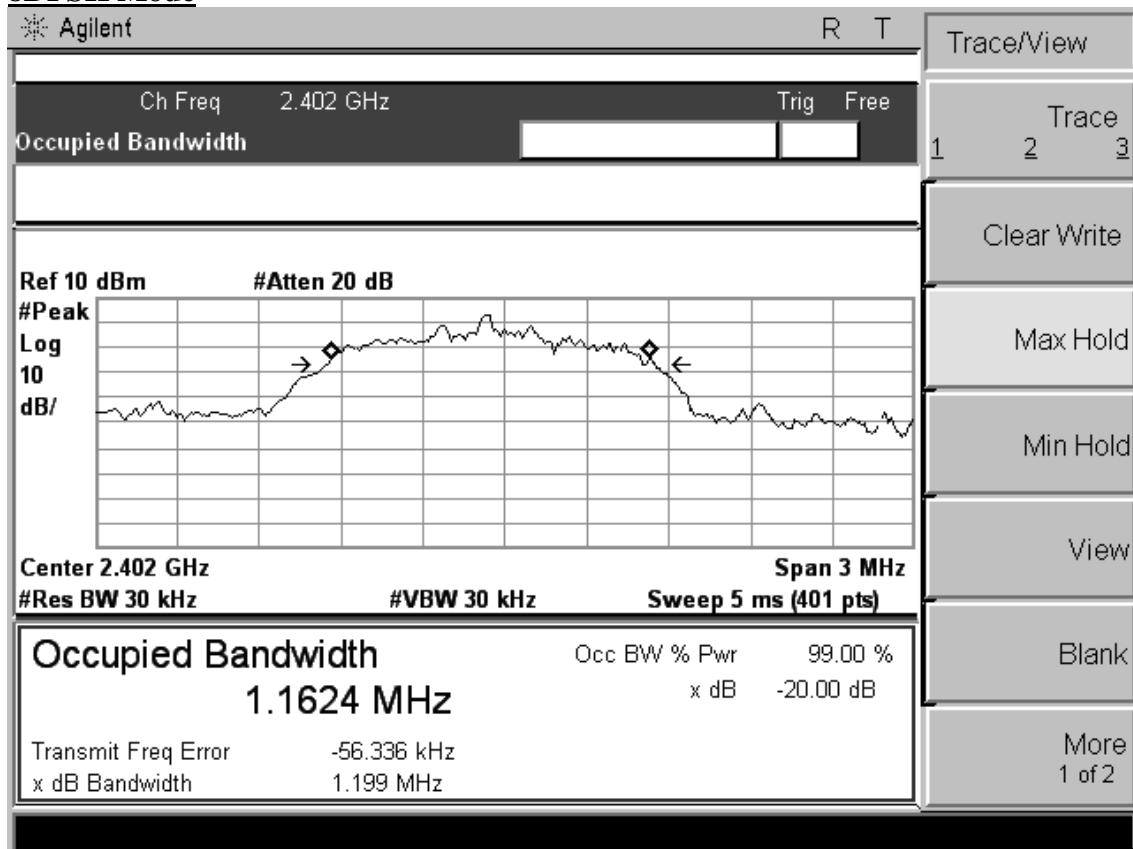
Measurement of 20dB Bandwidth

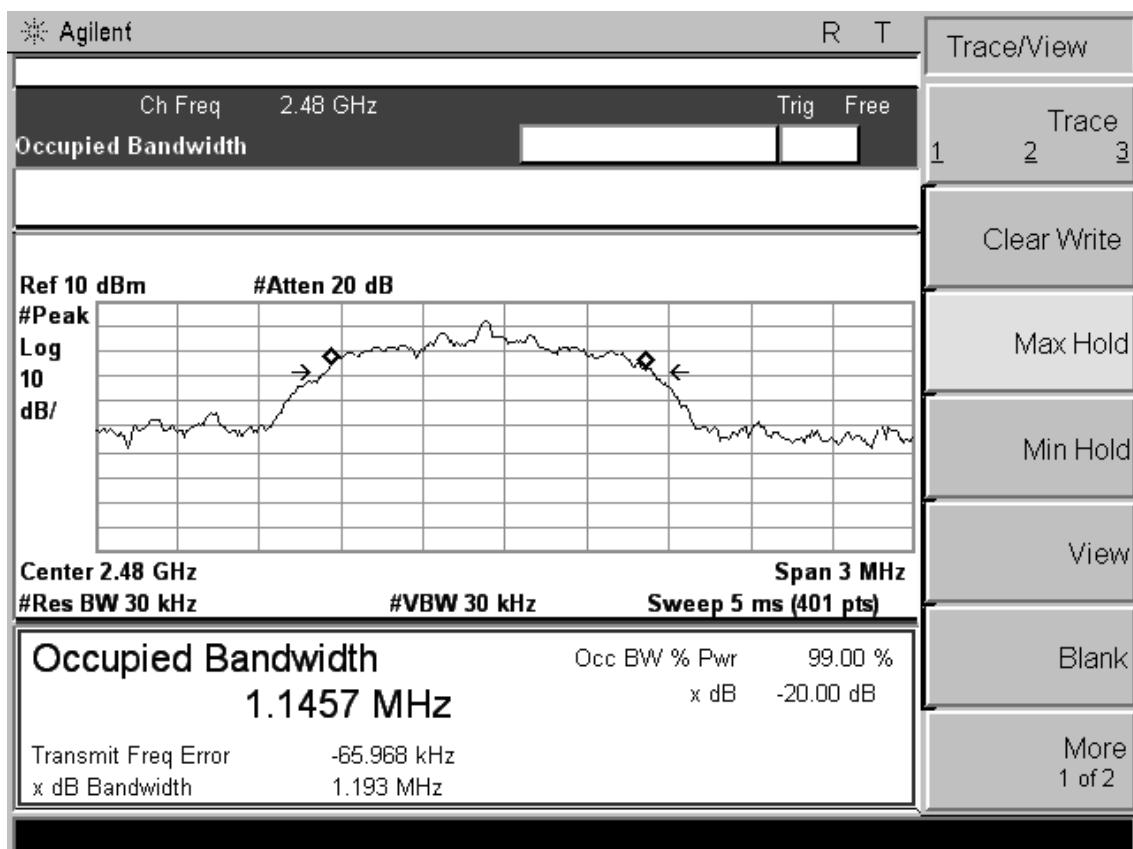
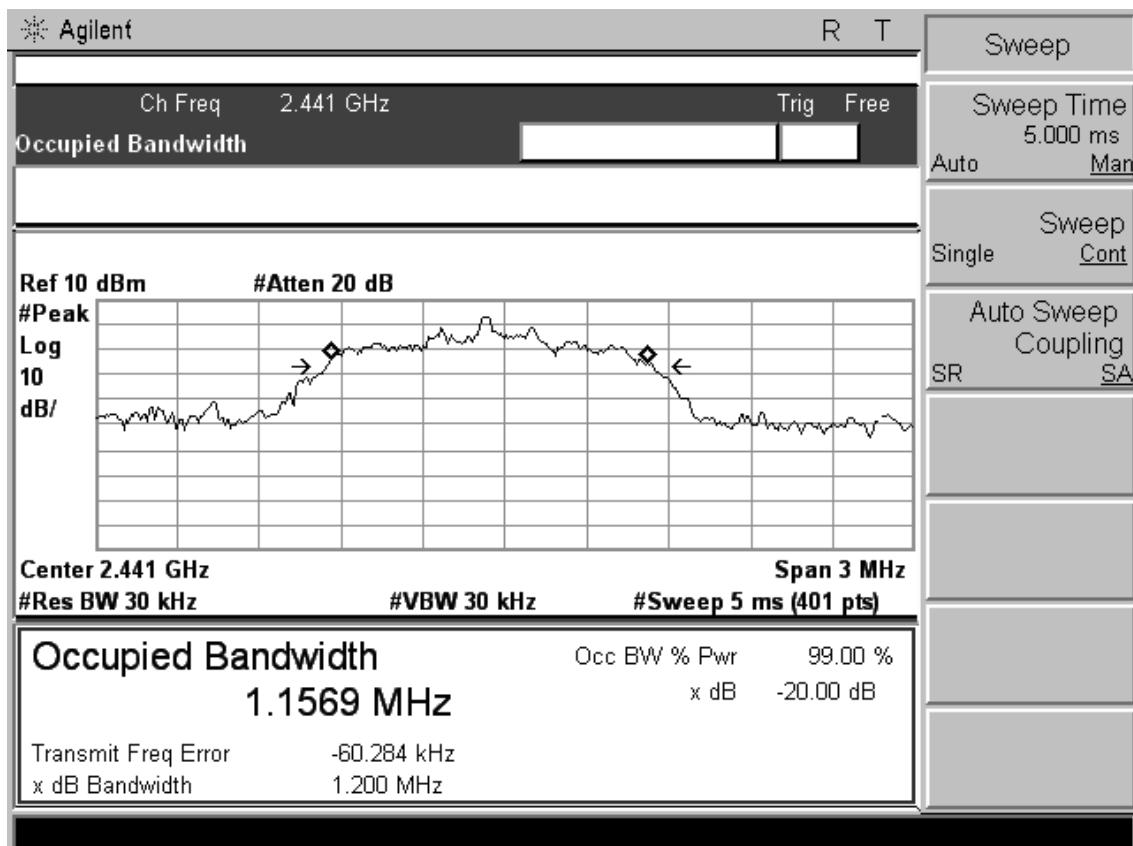
GFSK Mode





8DPSK Mode





4.4 Number Of Hopping Frequency

4.4.1 Limit

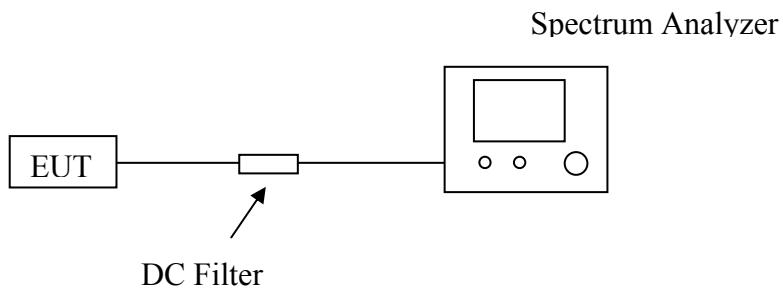
According to §15.247(a)(1)(ii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands shall use at least 15 hopping frequencies.

4.4.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer 4	Agilent	E4407B	MY41440292	2012-06-18	2013-06-17
2	RF Cable	Hubersuhne	Sucoflex104	FP2RX2	2012-06-18	2013-06-17
3	DC Filter 4	MPE	23872C	N/A	2012-06-18	2013-06-17

3

Block Diagram of Test Setup



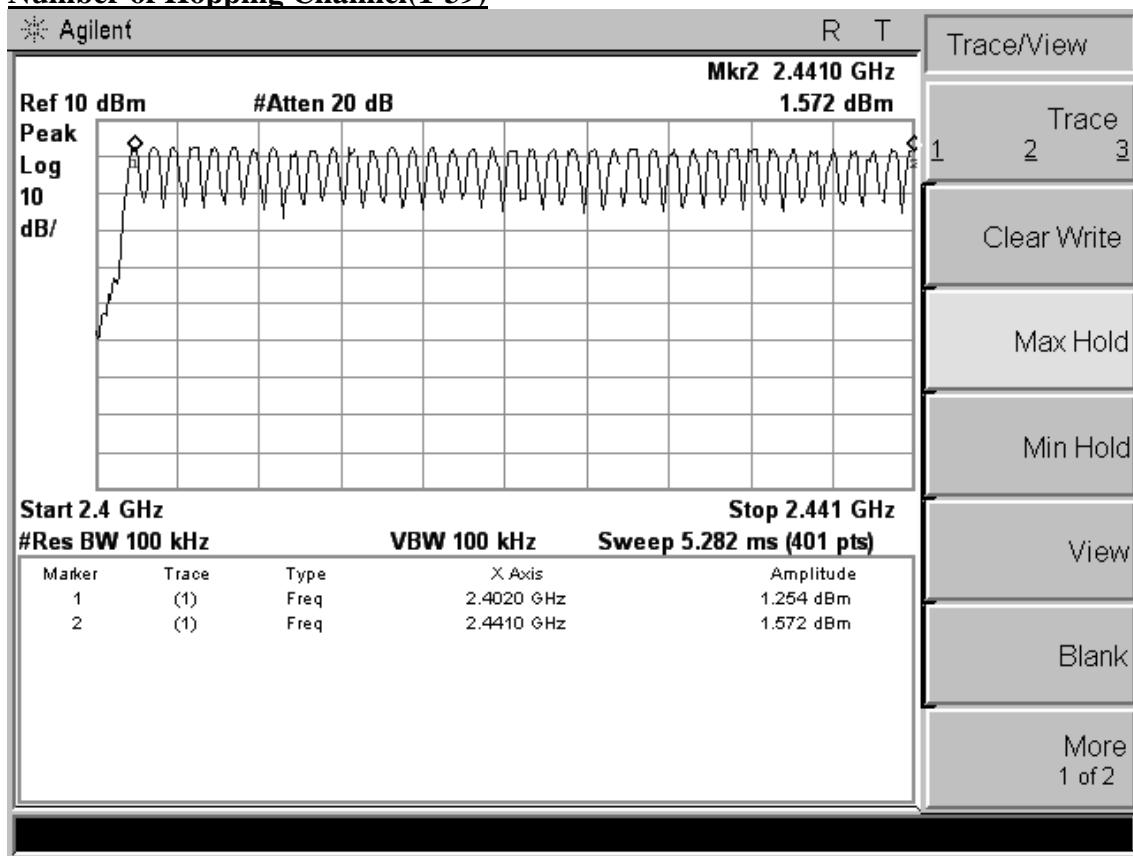
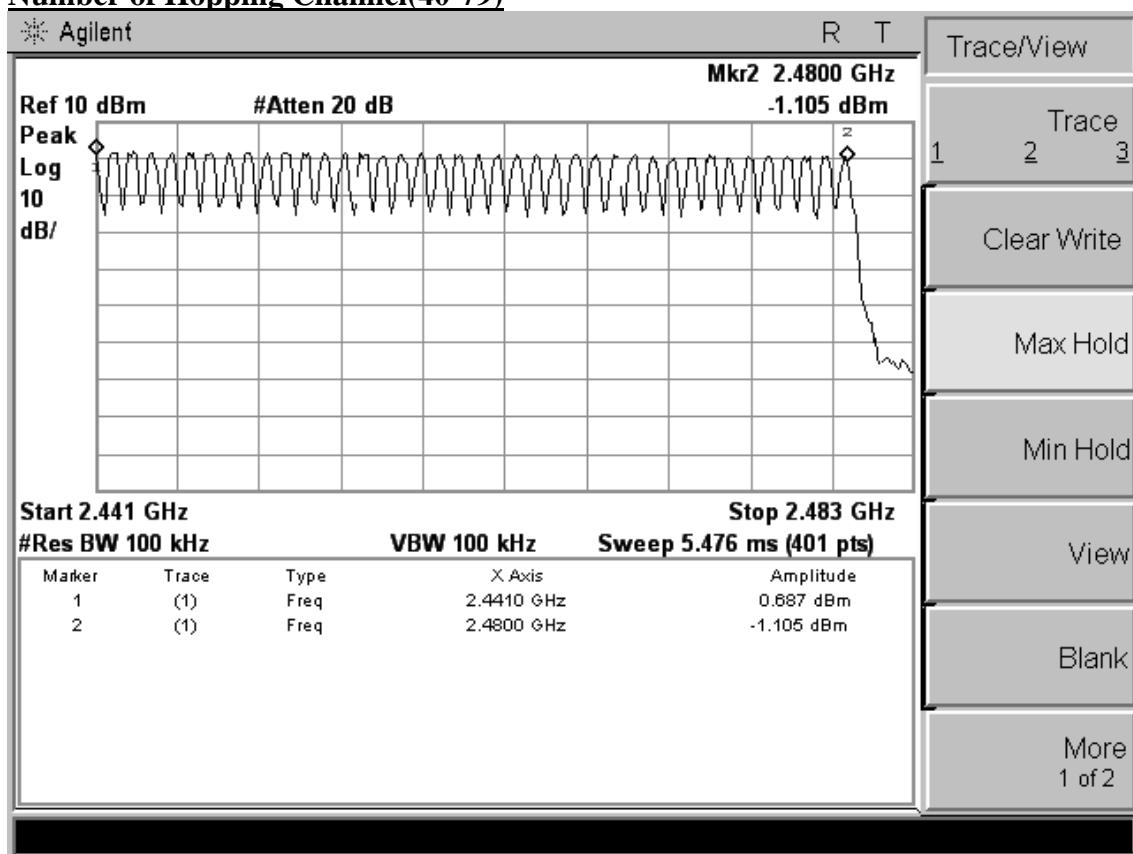
4.4.4 Test Procedure

- Place the EUT on the table and set it in transmitting mode.
- Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Spectrum Analyzer.
- Set Spectrum Analyzer Start=2400MHz, Stop = 2483.5MHz, Sweep = auto.
- Set the Spectrum Analyzer as RBW, VBW=100KHz.
- Max hold, view and count how many channel in the band.

4.4.5 Test Results

The Measurement Result With The Worst Case of 3Mbps For 8DPSK Modulation			
Total No. of Hopping Channel	Measurement Result (No. of Ch)	Limit (MHz)	Result
	79	≥15	Pass

The test data graph please refer to the following page.

Number of Hopping Channel(1-39)**Number of Hopping Channel(40-79)**

4.5 Time Of Occupancy (Dwell Time)

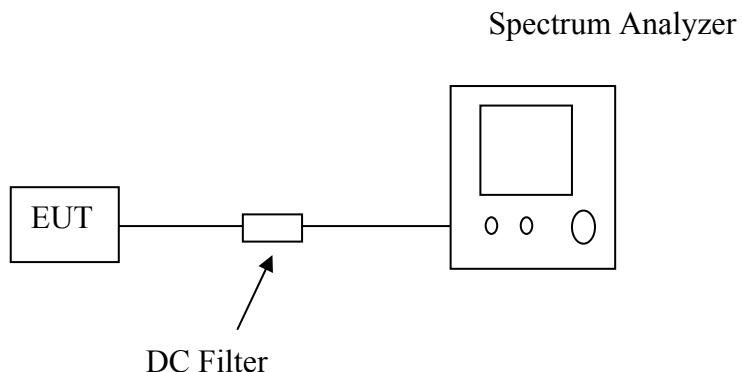
4.5.1 Limit

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.

4.5.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	2012-06-18	2013-06-17
2	RF Cable	Hubersuhne	Sucoflex104	FP2RX2	2012-06-18	2013-06-17
3	DC Filter	MPE	23872C	N/A	2012-06-18	2013-06-17

4.5.3 Block Diagram of Test Setup



4.5.4 Test Procedure

- A. Place the EUT on the table and set it in transmitting mode.
- B. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Spectrum Analyzer.
- C. Set center frequency of Spectrum Analyzer = operating frequency.
- D. Set the Spectrum Analyzer as RBW, VBW=1MHz, Span = 0Hz, Sweep = auto.
- E. Repeat above procedures until all frequency measured were complete.

4.5.5 Test Results

The Measurement Result With The Worst Case of 3Mbps For 8DPSK Modulation				
Channel	Time of Pulse for DH5 (ms)	Period Time (s)	Sweep Time (ms)	Limit (ms)
Low	2.925	31.6	312	400
Middle	2.925	31.6	312	400
High	2.925	31.6	312	400

Low Channel

$$2.925 * (1600/6) / 79 * 31.6 = 312 \text{ ms}$$

Middle Channel

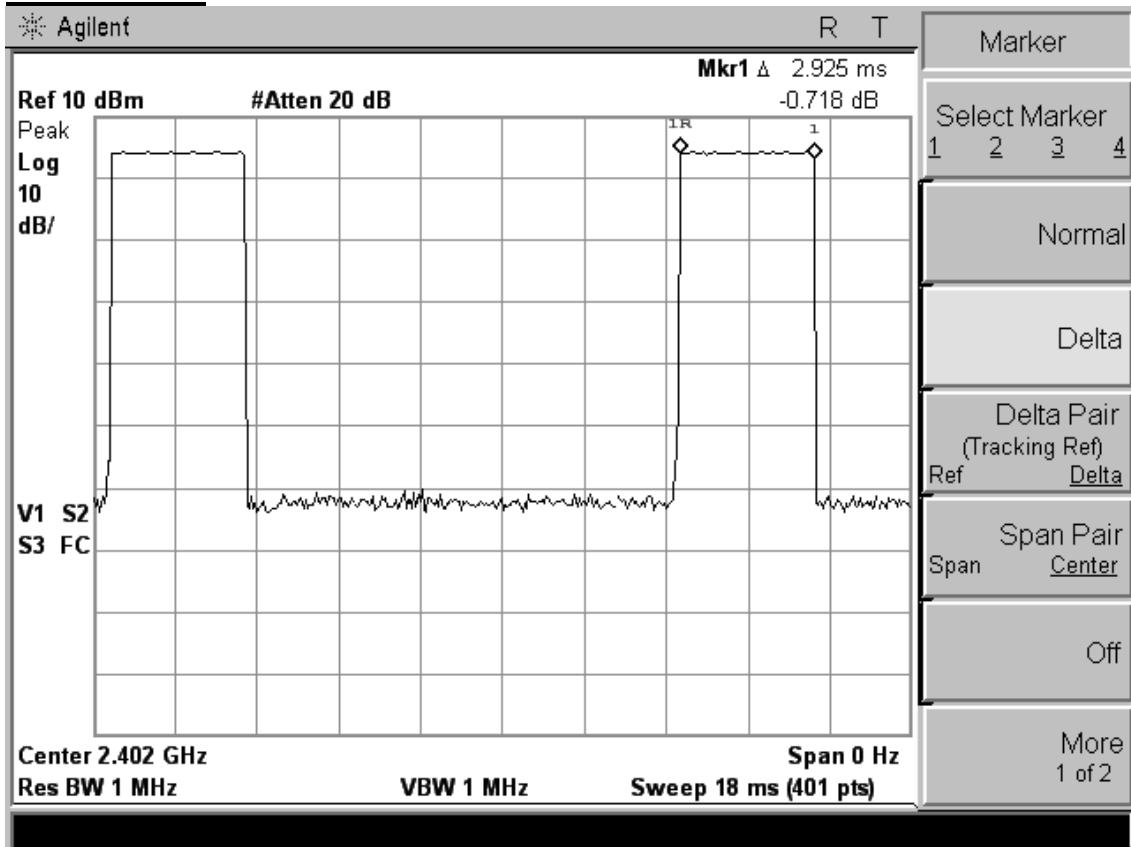
$$2.925 * (1600/6) / 79 * 31.6 = 312 \text{ ms}$$

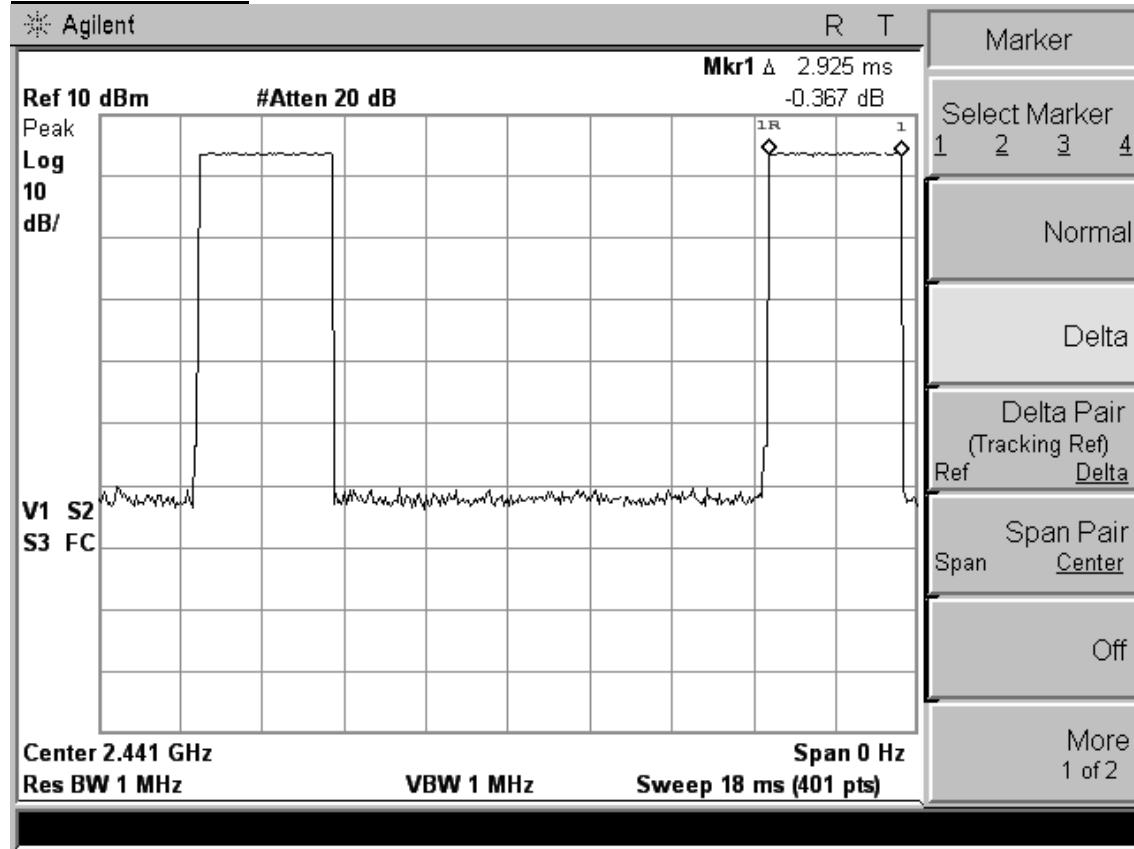
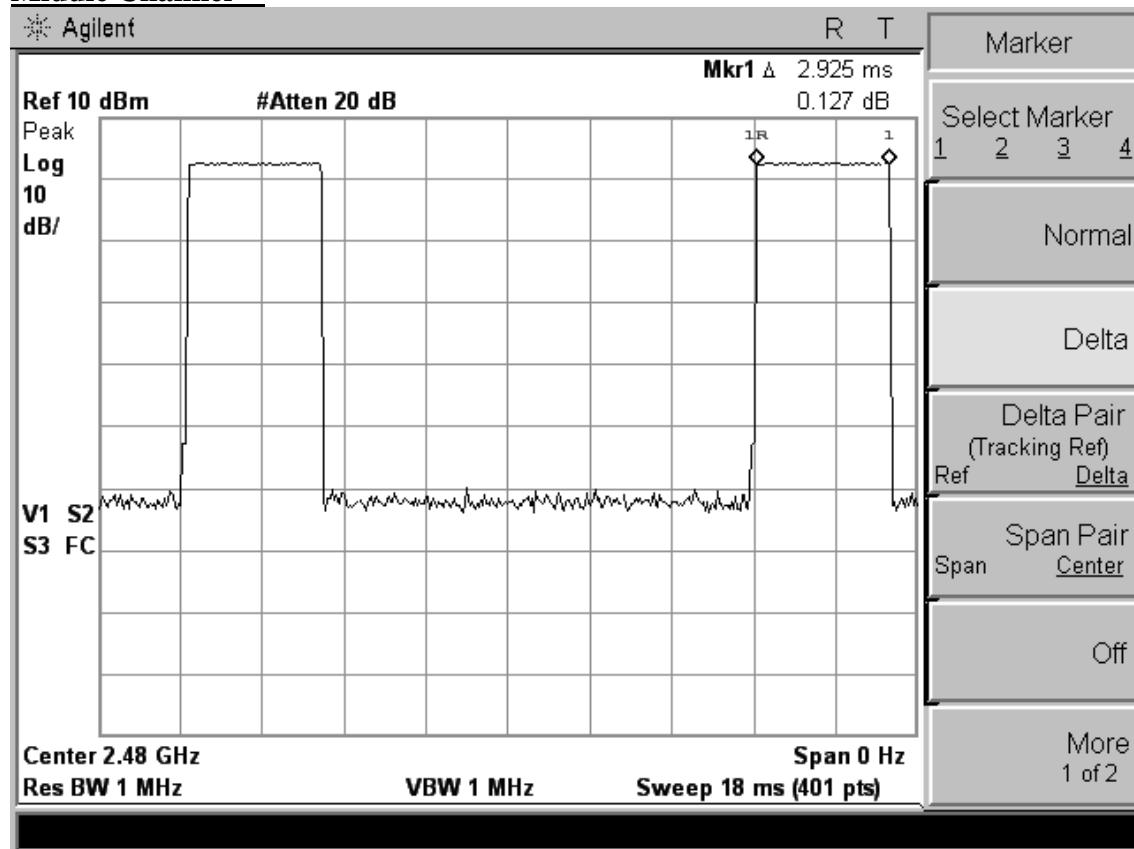
High Channel

$$2.925 * (1600/6) / 79 * 31.6 = 312 \text{ ms}$$

The test data graph please refer to the following:

Low Channel



Middle Channel**Middle Channel**

4.6 Spurious Emissions

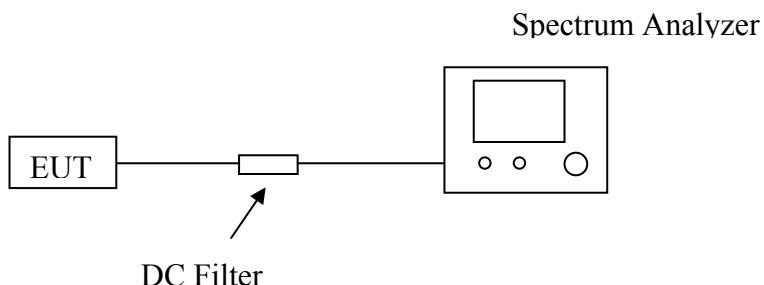
4.6.1 Limit

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)).

4.6.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	2012-06-18	2013-06-17
2	RF Cable	Hubersuhne	Sucoflex104	FP2RX2	2012-06-18	2013-06-17
3	DC Filter	MPE	23872C	N/A	2012-06-18	2013-06-17

4.6.3 Block Diagram of Test Setup



4.6.4 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.

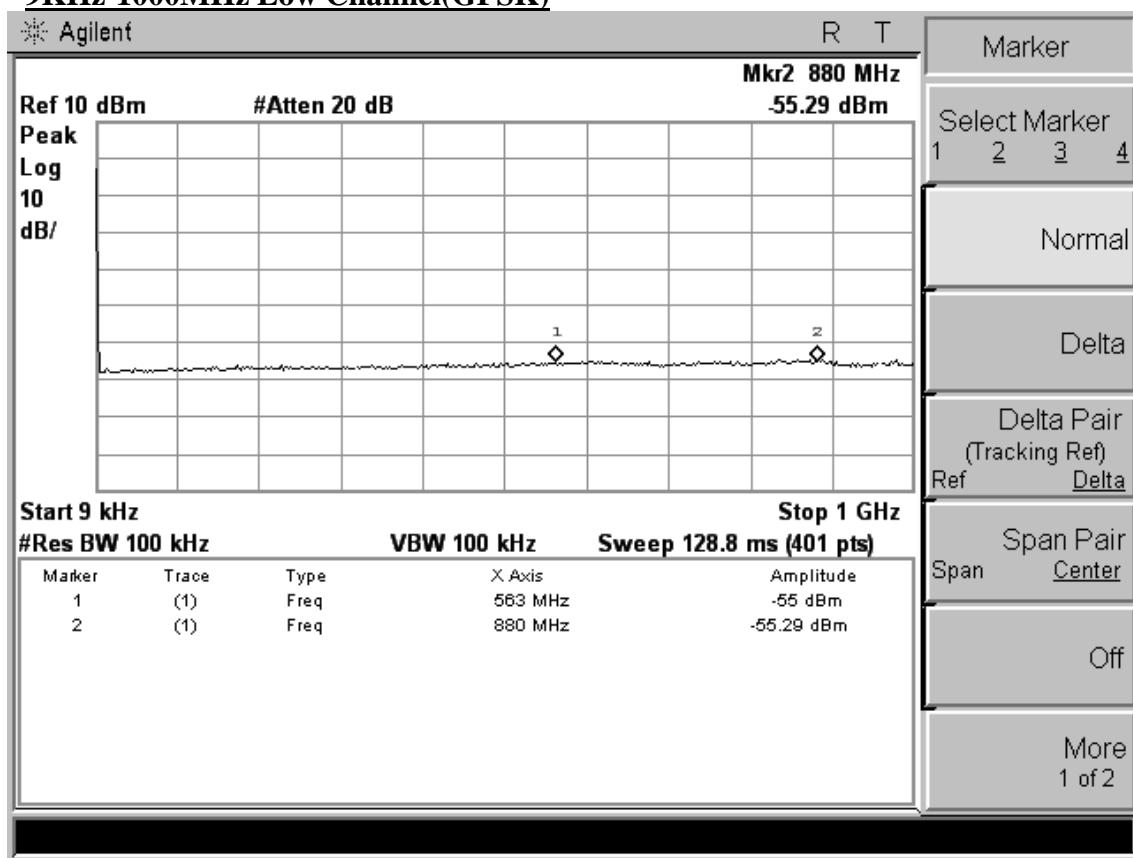
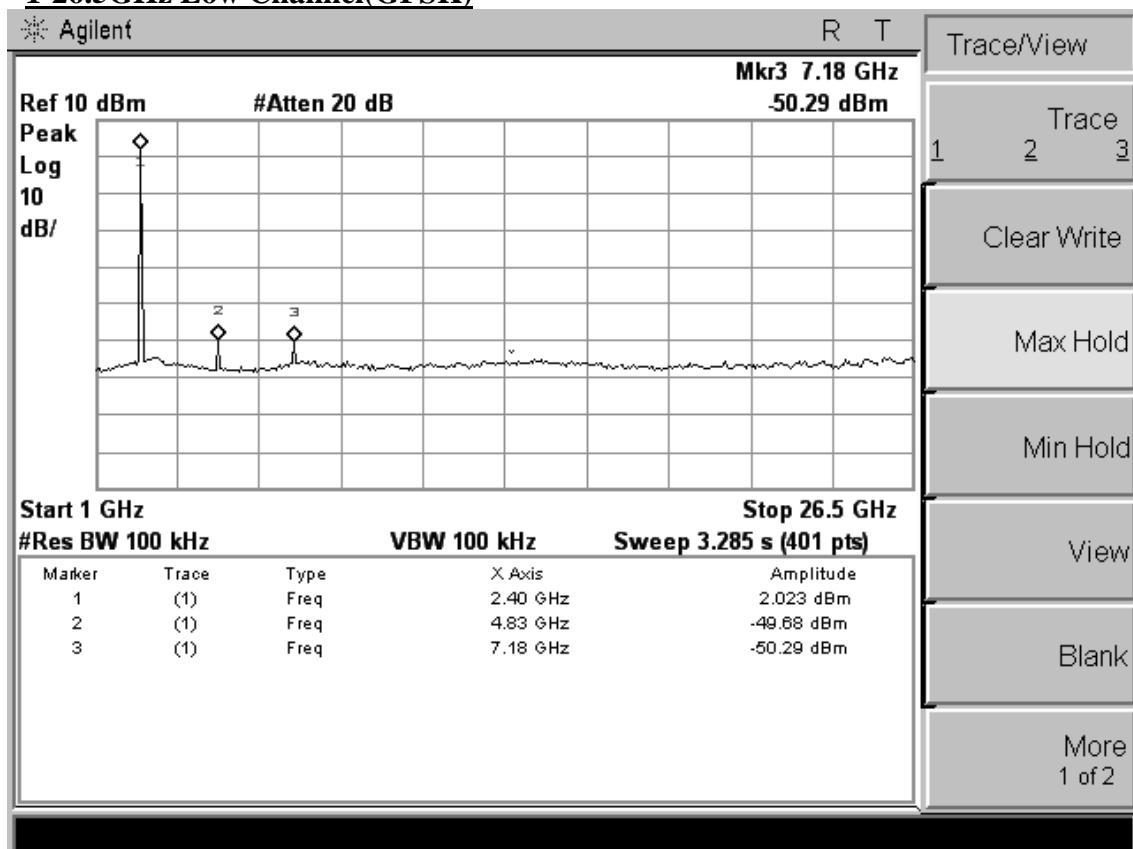
The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to 100 KHz. The video bandwidth is set to 100 KHz.

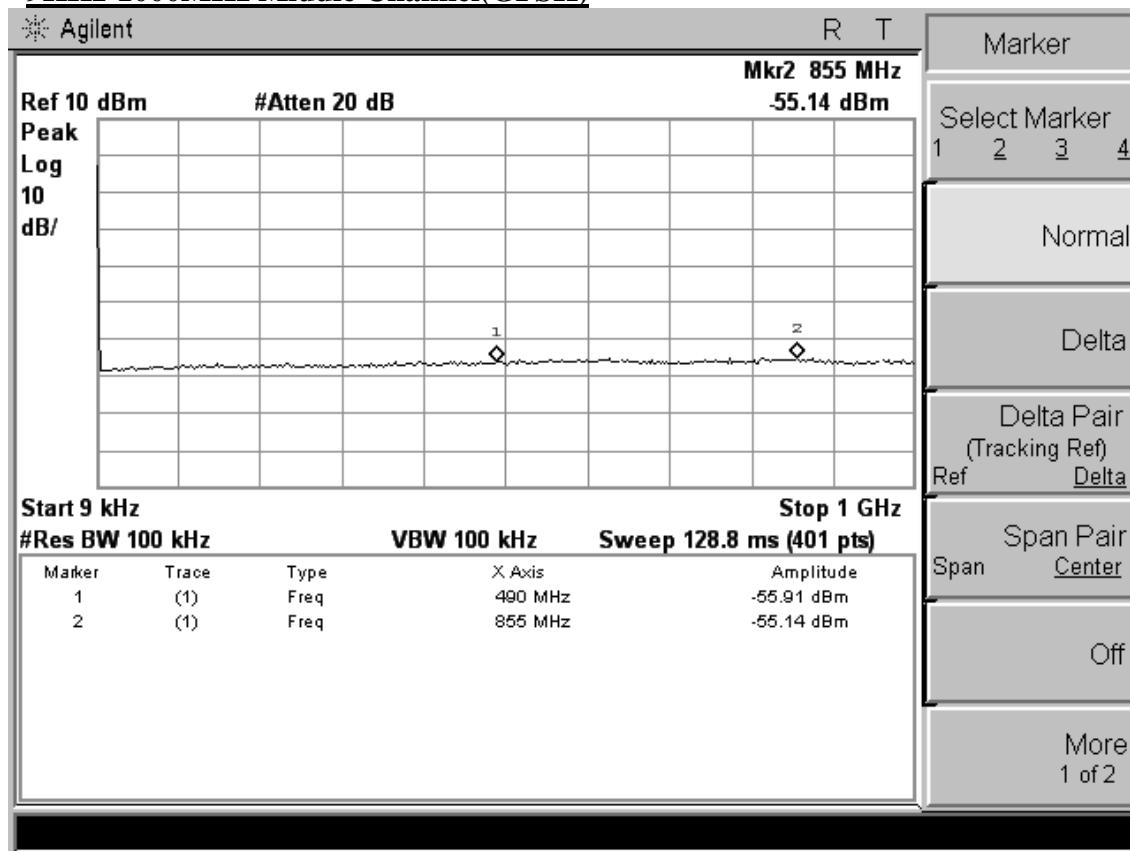
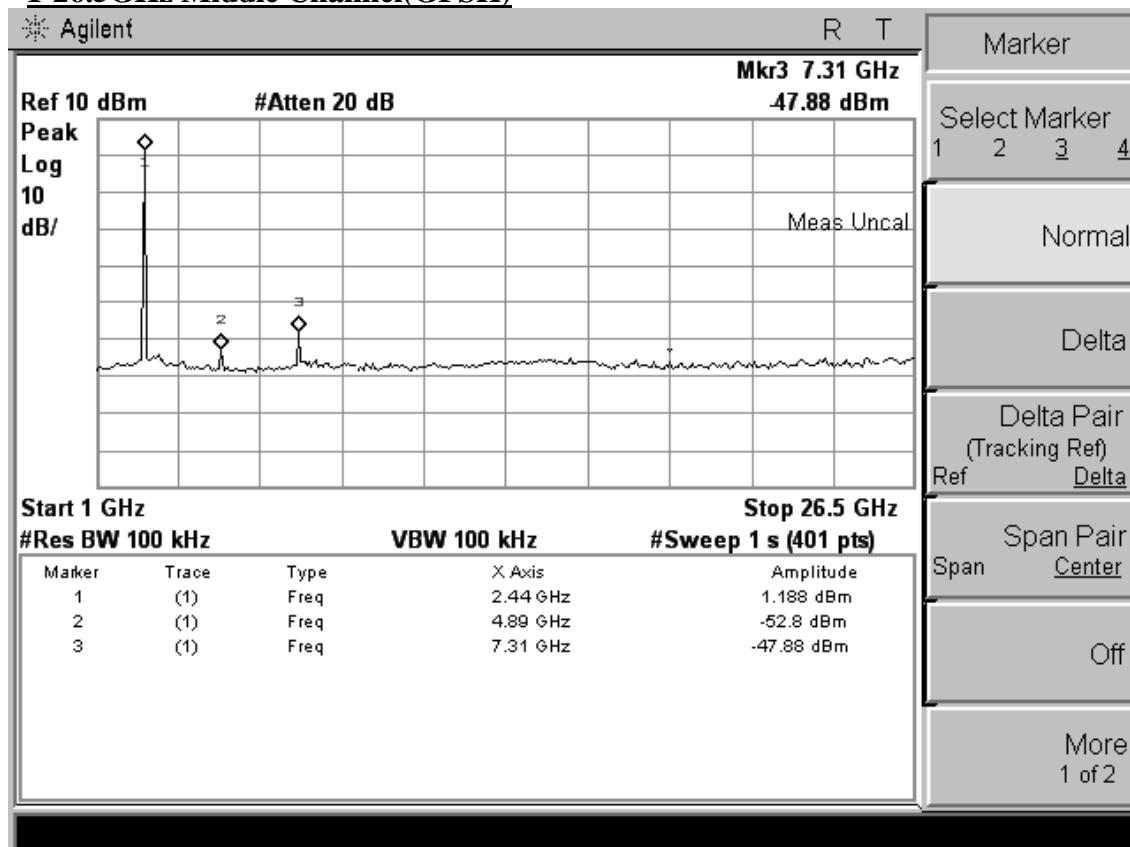
Measurements are made over the 9kHz to 26.5GHz range with the transmitter set to the lowest, middle, and highest channels.

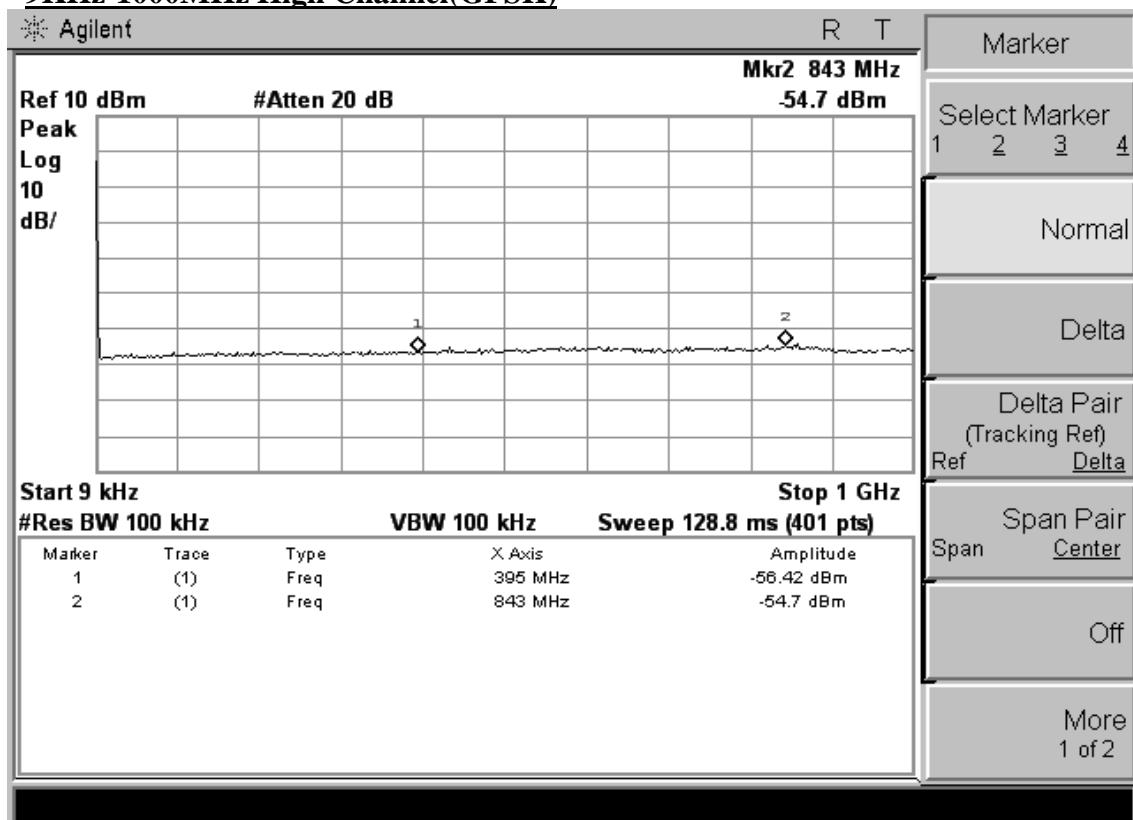
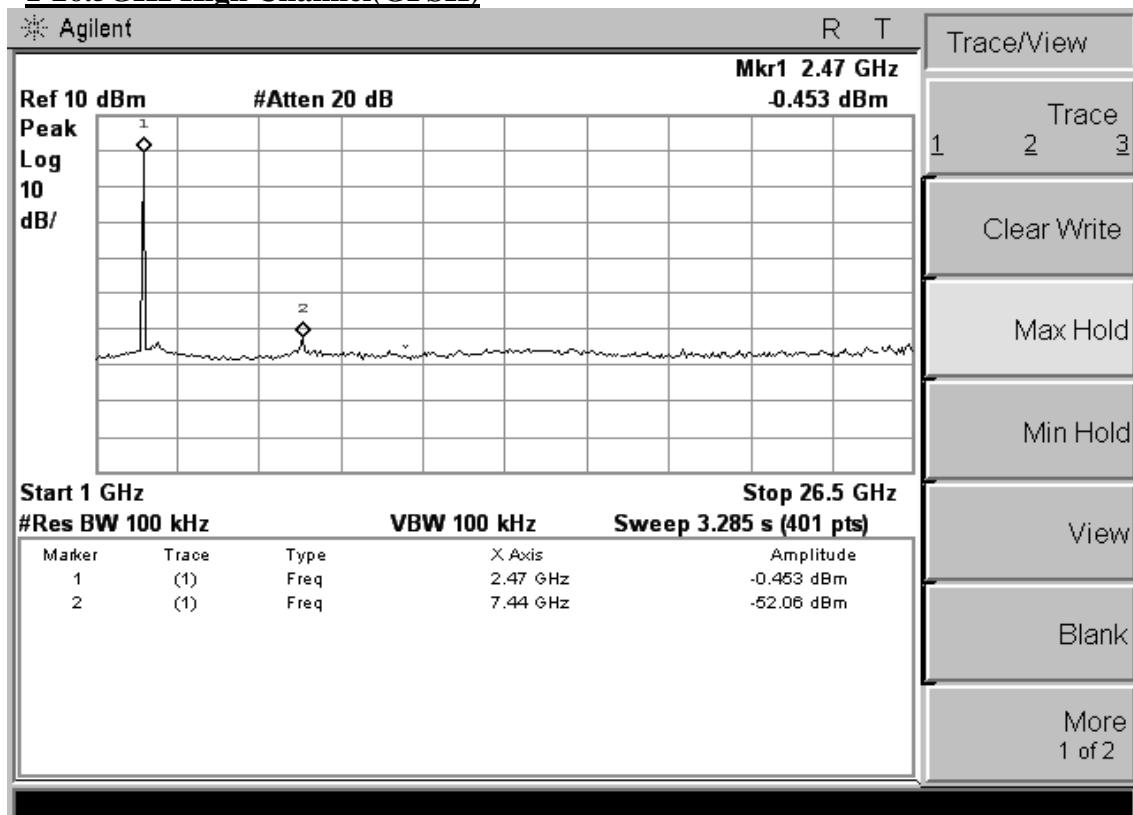
4.6.5 Test Results

No non-compliance noted

The test data graph please refer to the following page.

Test Plot**9KHz-1000MHz Low Channel(GFSK)****1-26.5GHz Low Channel(GFSK)**

9KHz-1000MHz Middle Channel(GFSK)**1-26.5GHz Middle Channel(GFSK)**

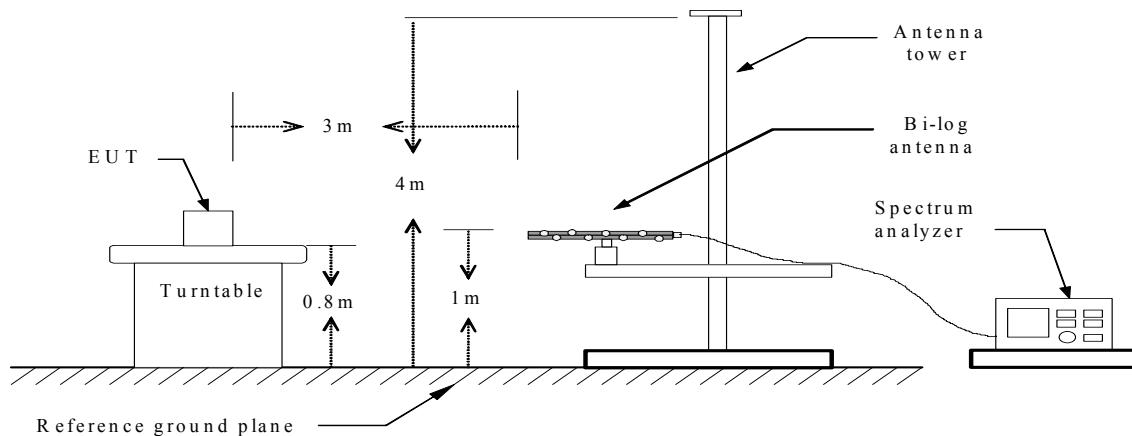
9KHz-1000MHz High Channel(GFSK)**1-26.5GHz High Channel(GFSK)**

5. RADIATED EMISSION MEASUREMENT

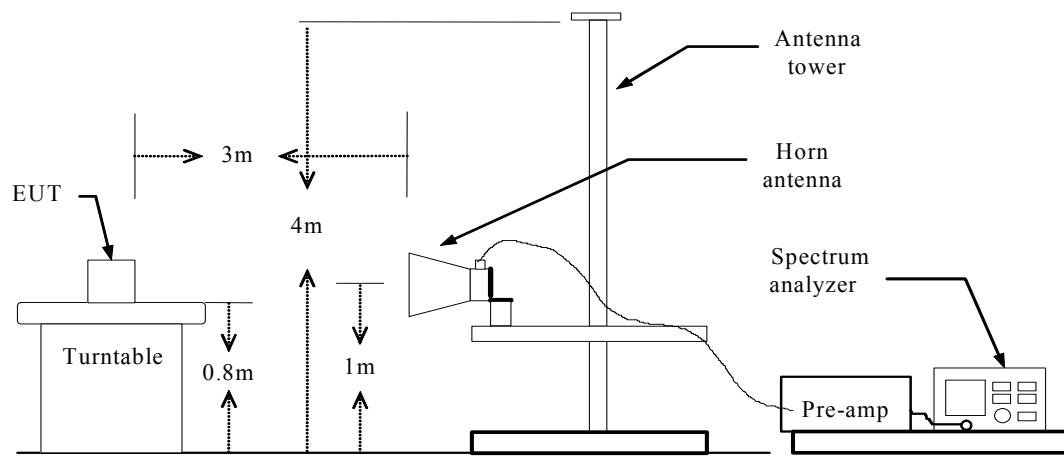
5.1 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Last Cal.
1	Spectrum Analyzer	Agilent	E4407B	MY41440292	2012-06-18	2012-06-17
2	Test Receiver	Rohde & Schwarz	ESCS30	828985/018	2012-06-18	2012-06-17
3	Loop antenna	EMCO	6502	0042963	2012-06-18	2012-06-17
4	Log per Antenna	Schwarzbeck	VULB9163	142	2012-06-18	2012-06-17
5	Horn-antenna	SCHWARZBECK	BBHA9120D	D:266	2012-06-18	2012-06-17
6	DC Filter	MPE	23872C	N/A	2012-06-18	2012-06-17

5.2 Block Diagram of Test Setup



Below 1 GHz



Above 1 GHz

5.3 Radiated Emission Limit

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

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
\1\ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293.	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(\2)
13.36-13.41			

\1\ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

\2\ Above 38.6

Part 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.

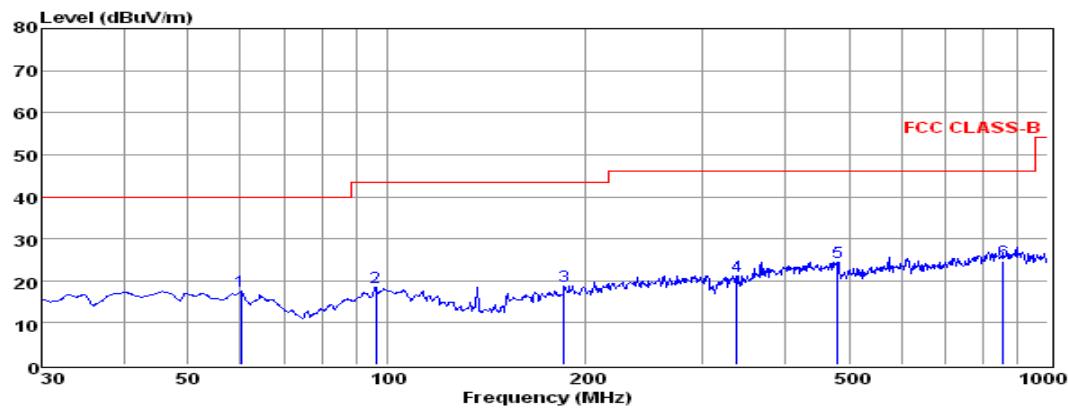
Part 15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
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

5.4 Test Results

PASS.

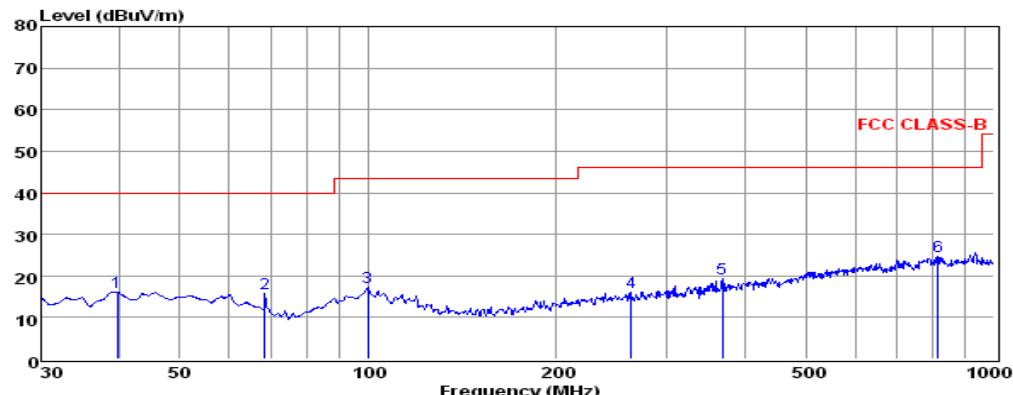
The test data please refer to following page.

Below 1GHz

Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE-G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-1Mbps
 Operator: KEN
 Memo:
 pol: VERTICAL

Freq.	Reading	CabLoss		AntFac	PreFac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	60.07	34.59	0.49	12.66	30.16	17.58	40.00	-22.42	QP
2	96.10	35.29	0.58	12.91	30.20	18.58	43.50	-24.92	QP
3	185.14	38.24	0.70	10.13	30.20	18.87	43.50	-24.63	QP
4	338.40	36.17	1.16	14.06	30.13	21.26	46.00	-24.74	QP
5	480.53	37.08	1.31	16.08	30.06	24.41	46.00	-21.59	QP
6	857.02	32.40	1.76	20.65	30.11	24.70	46.00	-21.30	QP

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.



Env. / Ins: 24°C/56%
 EUT: Wireless Headset (2.4GHz)
 M/N: SYLLABLE-G08
 Power Rating: DC 3.7V
 Test Mode: TX2402-1Mbps
 Operator: KEN
 Memo:
 pol: HORIZONTAL

Freq.	Reading	CabLoss		AntFac	PreFac	Measured	Limit	Over	Remark
		MHz	dBuV	dB	dB/m				
1	39.71	32.44	0.38	13.51	30.13	16.20	40.00	-23.80	QP
2	68.39	36.09	0.51	9.31	30.16	15.75	40.00	-24.25	QP
3	99.88	33.81	0.60	13.15	30.20	17.36	43.50	-26.14	QP
4	262.90	33.22	0.96	12.14	30.17	16.15	46.00	-29.85	QP
5	368.11	33.77	1.22	14.49	30.12	19.36	46.00	-26.64	QP
6	813.11	32.75	1.78	20.20	30.10	24.63	46.00	-21.37	QP

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

Above 1GHz

Operation Mode:		TX/ CH Low(GFSK)				Test Date:		2012-11-13		
Temperature:		23°C				Humidity:		50 % RH		
Freq. (MHz)	Ant. Pol H/V	Peak	AV	Ant. / CL CF (dB)	Actual Fs		Peak	AV	PK Margin (dB)	AV Margin (dB)
		Reading (dBuV)	Reading (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Limit (dBuV/m)	Limit (dBuV/m)		
4804.56	V	40.68	28.84	10.98	51.67	39.82	74	54	22.33	14.18
7207.39	V	32.13	19.64	18.54	50.67	38.18	74	54	23.33	15.82
4804.67	H	40.4	29.28	10.98	51.38	40.26	74	54	22.62	13.74
7206.00	H	33.09	21.44	18.53	51.62	39.97	74	54	22.38	14.03

Operation Mode:		TX/ CH Mid(GFSK)				Test Date:		2012-11-13		
Temperature:		23°C				Humidity:		50 % RH		
Freq. (MHz)	Ant. Pol H/V	Peak	AV	Ant. / CL CF (dB)	Actual Fs		Peak	AV	PK Margin (dB)	AV Margin (dB)
		Reading (dBuV)	Reading (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Limit (dBuV/m)	Limit (dBuV/m)		
4882.10	V	40.69	28.88	10.98	51.67	39.82	74	54	22.33	14.14
7324.33	V	32.89	21.58	18.54	51.43	40.12	74	54	22.57	13.88
4882.67	H	39.46	28.83	10.98	50.44	39.81	74	54	23.56	14.19
7324.25	H	33.19	20.52	18.53	51.72	39.05	74	54	22.23	14.95

Operation Mode:		TX/ CH High(GFSK)				Test Date:		2012-11-13		
Temperature:		23°C				Humidity:		50 % RH		
Freq. (MHz)	Ant. Pol H/V	Peak	AV	Ant. / CL CF (dB)	Actual Fs		Peak	AV	PK Margin (dB)	AV Margin (dB)
		Reading (dBuV)	Reading (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Limit (dBuV/m)	Limit (dBuV/m)		
4960.10	V	40.04	28.83	10.98	51.02	39.81	74	54	22.98	14.19
7441.69	V	31.59	21.33	18.54	50.13	39.87	74	54	23.87	14.13
4960.25	H	38.25	27.53	10.98	49.23	38.51	74	54	24.77	15.49
7440.00	H	31.59	20.24	18.53	50.12	38.77	74	54	23.88	15.23

Notes:

1. Measuring frequencies from 9k~10th harmonic (ex. 26GHz), No emission found between lowest internal used/generated frequency to 30 MHz.
2. Radiated emissions measured in frequency range from 9k~10th harmonic (ex. 26GHz) were made with an instrument using 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.

6. POWER LINE CONDUCTED EMISSIONS

6.1 Standard Applicable

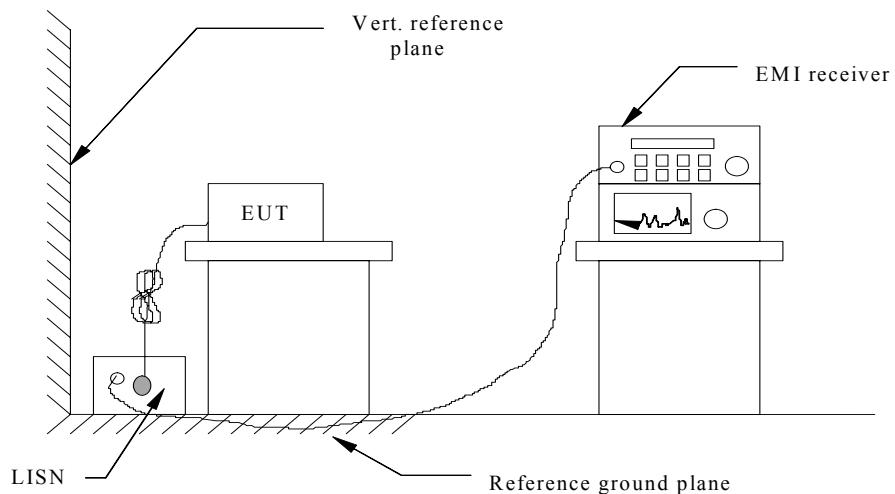
According to §15.207 (a): For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed 250 microvolts (The 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 (dB μ V)	
	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

6.2 Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Test Receiver	Manufacturer	ESCS30	828985/018	2012-06-18	2013-06-17
2	L.I.S.N	Rohde & Schwarz	ESH2-Z5	834549/005	2012-06-18	2013-06-17
3	Pulse Limiter	Anritsu	ESH3-Z2	100006	2012-06-18	2013-06-17

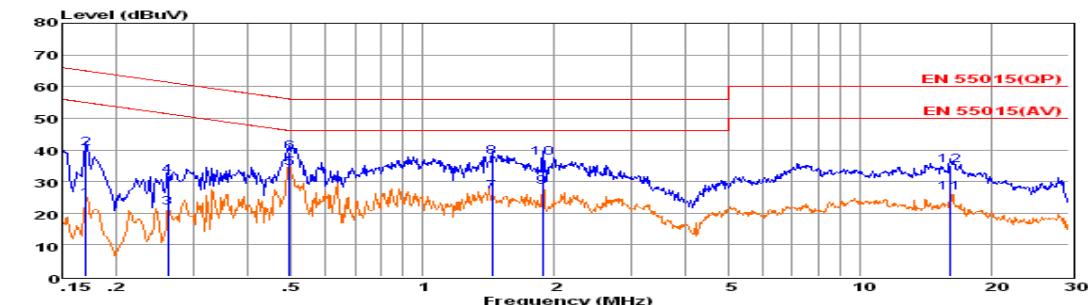
6.3 Block Diagram of Test Setup



6.4 Test Results

PASS.

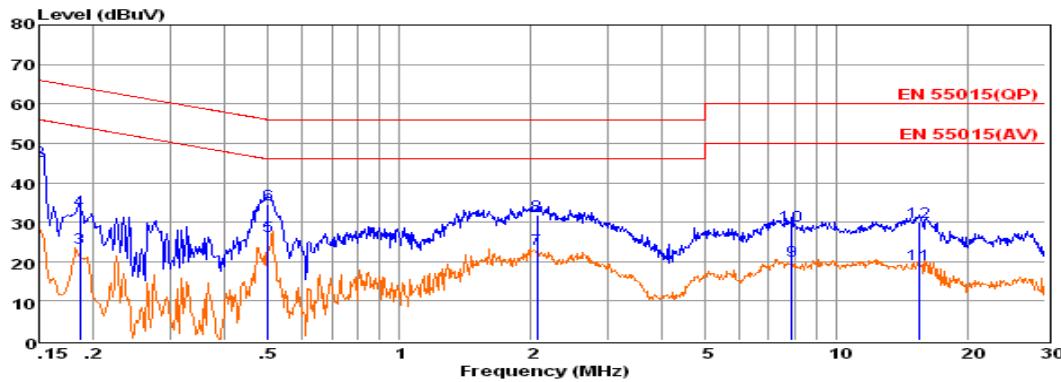
The test data please refer to following page.



Env. Ins: 24*/56%
 EUT: Wireless Headset(2.4GHz)
 M/N: SYLLABLE-G08
 Power Rating: DC 3.7V
 Test Mode: On
 Operator: ANDY
 Memo:
 Pol: NEUTRAL

Freq	Reading	LisnFac	CabLos	Measured	Limit	Over	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.17	14.70	9.65	0.02	24.37	54.94	-30.57 Average
2	0.17	30.91	9.65	0.02	40.58	64.94	-24.36 QP
3	0.26	12.21	9.60	0.03	21.84	51.38	-29.54 Average
4	0.26	22.33	9.60	0.03	31.96	61.38	-29.42 QP
5	0.50	24.64	9.62	0.04	34.30	46.05	-11.75 Average
6	0.50	29.54	9.62	0.04	39.20	56.05	-16.85 QP
7	1.44	17.04	9.63	0.05	26.72	46.00	-19.28 Average
8	1.44	28.02	9.63	0.05	37.70	56.00	-18.30 QP
9	1.88	18.71	9.63	0.05	28.39	46.00	-17.61 Average
10	1.88	27.75	9.63	0.05	37.43	56.00	-18.57 QP
11	16.05	16.49	9.75	0.11	26.35	50.00	-23.65 Average
12	16.05	25.20	9.75	0.11	35.06	60.00	-24.94 QP

Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss.
 2. The emission levels that are 20dB below the official limit are not reported.



Env. Ins: 24*/56%
 EUT: Wireless Headset(2.4GHz)
 M/N: SYLLABLE-G08
 Power Rating: DC 3.7V
 Test Mode: On
 Operator: ANDY
 Memo:
 Pol: LINE

Freq	Reading	LisnFac	CabLos	Measured	Limit	Over	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.15	19.15	9.57	0.02	28.74	56.00	-27.26 Average
2	0.15	36.02	9.57	0.02	45.61	66.00	-20.39 QP
3	0.19	13.94	9.62	0.02	23.58	54.20	-30.62 Average
4	0.19	23.30	9.62	0.02	32.94	64.20	-31.26 QP
5	0.50	16.69	9.62	0.04	26.35	46.00	-19.65 Average
6	0.50	24.82	9.62	0.04	34.48	56.00	-21.52 QP
7	2.07	13.61	9.64	0.05	23.30	46.00	-22.70 Average
8	2.07	22.16	9.64	0.05	31.85	56.00	-24.15 QP
9	7.89	10.33	9.68	0.07	20.08	50.00	-29.92 Average
10	7.89	19.36	9.68	0.07	29.11	60.00	-30.89 QP
11	15.39	9.39	9.71	0.10	19.20	50.00	-30.60 Average
12	15.39	20.13	9.71	0.10	29.94	60.00	-30.06 QP

Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss.
 2. The emission levels that are 20dB below the official limit are not reported.

Note: Pre-scan all mode and recorded the worst case results in this report (Charger mode)

7. ANTENNA REQUIREMENT

7.1 Standard Applicable

7.1.1. Standard Applicable

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.1.2. Antenna Construction

Section 15.203 of the rules states that the subject device must meet at least one of the following criteria:

- (a) Antenna must be permanently attached to the unit.
- (b) Antenna must use a unique type of connector to attach to the EUT.
- (c) Unit must be professionally installed. Installer shall be responsible for verifying that the correct antenna is employed with the unit.

7.1.3. Results

EUT uses a PCB antenna with 2dBi gain.

Compliance.

8. MANUFACTURER/ APPROVAL HOLDER DECLARATION

The following identical model(s):

SYLLABLE-G15	SYLLABLE-G14	--	--
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Belong to the tested device:

Product description : Wireless Headset(2.4GHz)

Model name : SYLLABLE-G08

Remark: PCB board, structure and internal of these model(s) are the same, So no additional models were tested.

-----THE END OF REPORT-----