

TEST REPORT

FCC ID: 2AIFASNT800

Product: Wireless Microphone

Model No.: SNT-800

Additional Model: N/A



Trade Mark:

Report No.: TCT160510E015

Issued Date: May 30, 2016

Issued for:

**ENPING JINJUE ELECTRONICS CO.,LTD.
No.39-2, XINPING NORTH ROAD, ENPING CITY, GUANGDONG
PROVINCE, CHINA.**

Issued By:

**Shenzhen Tongce Testing Lab.
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1. Test Certification

Product:	Wireless Microphone
Model No.:	SNT-800
Additional Model:	N/A
Applicant:	ENPING JINJUE ELECTRONICS CO.,LTD.
Address:	No.39-2, XINPING NORTH ROAD, ENPING CITY, GUANGDONG PROVINCE, CHINA.
Manufacturer:	ENPING JINJUE ELECTRONICS CO.,LTD.
Address:	No.39-2, XINPING NORTH ROAD, ENPING CITY, GUANGDONG PROVINCE, CHINA.
Date of Test:	May 11 – May 26, 2016
Applicable Standards:	FCC CFR Title 47 Part 74 Subpart H Section 74.861(e)

The above equipment has been tested by Shenzhen Tongce Testing Lab. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:



Neil Wong

Date:

May 27, 2016

Reviewed By:



Joe Zhou

Date:

May 30, 2016

Approved By:



Tomsin

Date:

May 30, 2016

2. Test Result Summary

Requirement	CFR 47 Section	Result
RF output power	§2.1046(a) §74.861(e)(1)	PASS
Modulation characteristics	§2.1046(a)(b) §74.861(e)(2)	PASS
Frequency tolerance	§2.1055(a)(1)(b) §74.861(e)(4)	PASS
Emission bandwidth & Emission Mask	§2.1049(c) §74.861(e)(5)(6)	PASS
Spurious radiation at the antenna port	§2.1051 §74.861(e)(6)	PASS
Radiated spurious emission	§2.1053 §74.861(e)(6)	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.

3. EUT Description

Product Name:	Wireless Microphone
Model :	SNT-800
Additional Model:	N/A
Trade Mark:	
Operation Frequency:	640-689.75MHz
Number of Channel:	200
Modulation Type:	Broadband FM
Antenna Type:	Helical Antenna
Antenna Gain:	0dBi
Power Supply:	DC 3V
Remark:	The white one and black one are identical in interior structure, electrical circuits and components, and just color is different for the marketing requirement.

Operation Frequency each of channel for Broadband FM

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	640.00MHz	61	655.00MHz	121	670.00MHz	181	685.00MHz
2	640.25MHz	62	655.25MHz	122	670.25MHz	182	685.25MHz
...	...	...	...	...	...	...	...
21	645.00MHz	81	660.00MHz	141	675.00MHz	199	689.50MHz
22	645.25MHz	82	660.25MHz	142	675.25MHz	200	689.75MHz
...	...	...	...	...	...		
41	650.00MHz	101	665.00MHz	161	680.00MHz		
42	650.25MHz	102	665.25MHz	162	680.25MHz		

Remark: 1. Channel 1, 101 & 200 have been tested for Broadband FM modulation mode.
2. This EUT has two power levels: Low power level and High power level. All the plots are tested in the power levels both.
3. The formula for channels: Frequency(MHz) = 640MHz + (n-1) * 0.25MHz.
(n for 1 to 200)

4. Genera Information

4.1. Test environment and mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations
The sample was placed 0.8m & 1.5m for the measurement below & above 1GHz above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.	

4.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

5. Facilities and Accreditations

5.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 572331

Shenzhen Tongce Testing Lab

The 3m Semi-anechoic chamber has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

The 3m Semi-anechoic chamber of Shenzhen TCT Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

- CNAS - Registration No.: CNAS L6165

Shenzhen TCT Testing Technology Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6165.

5.2. Location

Shenzhen Tongce Testing Lab

Address: 1F, Leinuo Watch Building, Fuyong Town, Baoan Dist, Shenzhen, China

Tel: 86-755-36638142

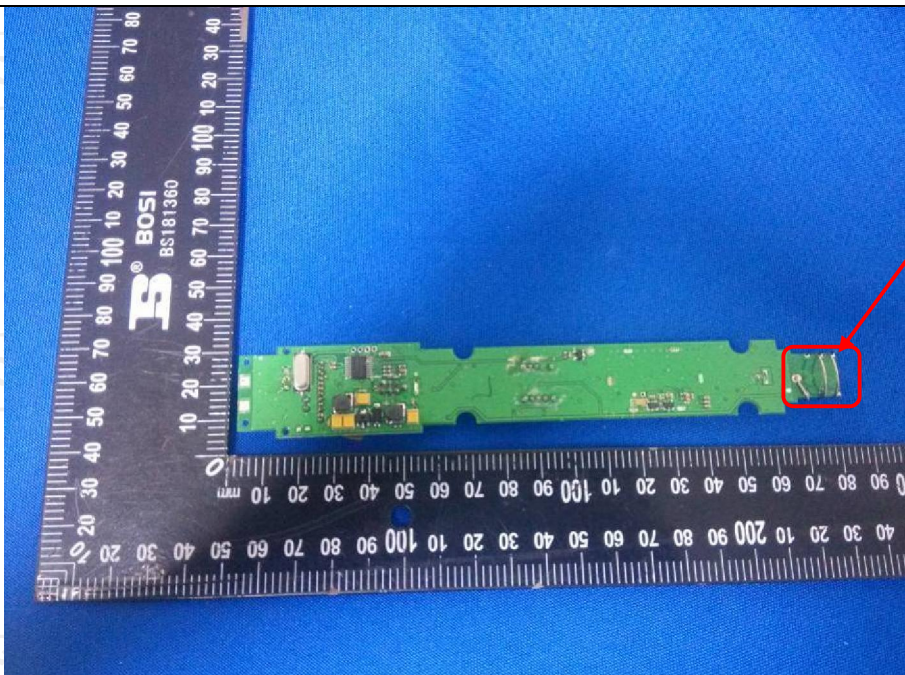
5.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	$\pm 2.56\text{dB}$
2	RF power, conducted	$\pm 0.12\text{dB}$
3	Spurious emissions, conducted	$\pm 0.11\text{dB}$
4	All emissions, radiated(<1G)	$\pm 3.92\text{dB}$
5	All emissions, radiated(>1G)	$\pm 4.28\text{dB}$
6	Temperature	$\pm 0.1^{\circ}\text{C}$
7	Humidity	$\pm 1.0\%$

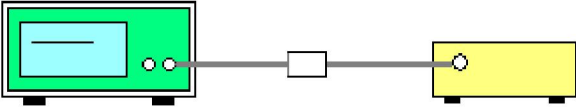
6. Test Results and Measurement Data

6.1. Antenna requirement

Standard requirement:	FCC Part15 C Section 74.22
The simultaneous use of a common antenna structure by more than one station authorized under this part, or by one or more stations of any other service may be authorized. The owner of each antenna structure is responsible for ensuring that the structure, if required, is painted and/or illuminated in accordance with part 17 of this chapter. In the event of default by the owner, each licensee or permit shall be responsible for ensuring that the structure complies with applicable painting and lighting requirements.	
E.U.T Antenna:	
The antenna is a Helical antenna which permanently attached, and the best case gain of the antenna is 0dBi.	
	

6.2. Conducted Output Power

6.2.1. Test Specification

Test Requirement:	FCC Part2.1046(a), Part74.861(e)(1)
Method:	ANSI/TIA-603-D 2010
Limit:	250mW
Test Setup:	 Spectrum Analyzer EUT
Test Mode:	Transmitting mode without modulation
Test Procedure:	Use the following spectrum analyzer settings: centered on a selected channel Span = 2MHz RBW=1MHz VBW=3MHz Sweep = auto Detector function = peak Trace = max hold Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission.
Test Result:	PASS

6.2.2. Test Instruments

Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 12, 2016
RF Cable	TCT	RE-06	N/A	Sep. 12, 2016
Antenna Connector	TCT	RFC-01	N/A	Sep. 12, 2016

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.2.3. Test data

Conducted output power:

Channel	Frequency (MHz)	Conducted Output Power (dBm)	Limit(dBm)	Result
Low	640.00MHz	13.129	24	PASS
		-2.756	24	
Middle	665.00MHz	13.858	24	
		-2.029	24	
High	689.75MHz	14.187	24	
		-1.629	24	

Test plots:

High Power Level Low Channel



Middle Channel



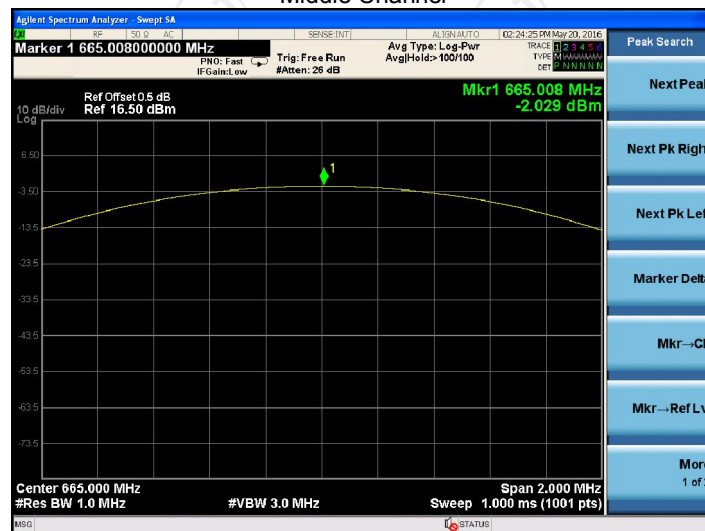
High Channel



Low Power Level Low Channel



Middle Channel

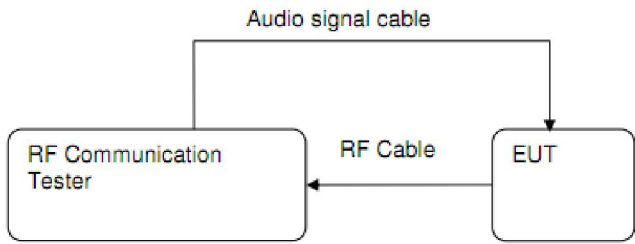


High Channel



6.3. Modulation Characteristics

6.3.1. Test Specification

Test Requirement:	FCC Part74.861(e)(3), Part2.1047(a)
Method:	ANSI/TIA-603-D 2010 section 2.2.3
Test Method:	According to clause 2.2.6.2.2 of TIA 603-D for Audio Frequency response testing According to clause 2.2.3.2 of TIA 603-D for Audio Modulation Limiting testing
Limit:	Low-power auxiliary equipment using Broadband FM may employ a frequency deviation up to a maximum of $\pm 75\text{KHz}$.
Test Setup:	 <pre> graph LR A[RF Communication Tester] -- "RF Cable" --> B[EUT] A -- "Audio signal cable" --> B </pre>
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. Configure the EUT as shown in Setup. 2. Adjust the audio input for 20% of rated system deviation at 1KHz using this level as a reference (0dB). 3. Vary the audio frequency from 100Hz to 30KHz and record the frequency deviation. 4. Audio Frequency Response = $20\log(\text{Deviation of test frequency}/\text{Deviation of 1KHz reference})$.
Test Result:	PASS

6.3.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Audio Signal Generator	HP	8920B	3104A03367	Sep. 12, 2016
RF cable	TCT	RE-06	N/A	Sep. 12, 2016
Antenna Connector	TCT	RFC-01	N/A	Sep. 12, 2016

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.3.3. Test Data**Low Channel**

Frequency (Hz)	Deviation (KHz)
100	7.53
300	10.84
500	12.91
700	13.05
900	14.67
1000	15.14
1400	15.98
1800	16.26
2000	16.59
3000	17.26
4000	17.61
5000	17.84
6000	18.31
7000	18.48
8000	18.76
9000	18.67
10000	17.94
15000	14.60
20000	10.51
25000	9.45
30000	8.69

Middle Channel

Frequency (Hz)	Deviation (KHz)
100	7.49
300	10.91
500	12.14
700	13.26
900	14.77
1000	15.31
1400	15.94
1800	16.15
2000	16.64

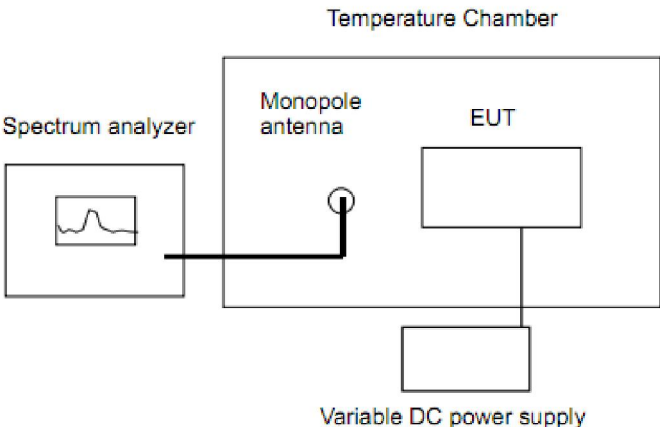
3000	17.58
4000	17.64
5000	17.97
6000	18.72
7000	18.56
8000	18.81
9000	18.79
10000	17.98
15000	14.73
20000	10.69
25000	9.97
30000	8.44

High Channel

Frequency (Hz)	Deviation (KHz)
100	7.34
300	10.68
500	12.87
700	13.16
900	14.72
1000	15.41
1400	15.97
1800	16.15
2000	16.47
3000	17.36
4000	17.64
5000	17.02
6000	18.64
7000	18.59
8000	18.87
9000	18.59
10000	17.86
15000	14.74
20000	10.59
25000	9.67
30000	8.81

6.4. Frequency Tolerance

6.4.1. Test Specification

Test Requirement:	FCC Part74.861(e)(4), Part2.1055(d)
Method:	ANSI/TIA-603-D 2010
Limit:	According to FCC Part 74.861(e)(4), the frequency tolerance must be maintained within 0.005%.
Test Setup:	 The diagram illustrates the test setup for frequency tolerance. It shows a Spectrum analyzer connected to a Monopole antenna. The Monopole antenna is connected to the EUT (Equipment Under Test). The EUT is connected to a Variable DC power supply. The entire setup is housed within a Temperature Chamber.
Test Mode:	Transmitting mode with modulation
Test Procedure:	Frequency Stability Versus Environmental Temperature 1. Configure as the setup block, frequency measurement inside an environment chamber, install new battery in the EUT. 2. Turn on EUT and set SA center frequency to the EUT radiate frequency. Set SA Resolution Bandwidth to 1KHz, Video Resolution Bandwidth to 1KHz, Span to 50KHz. Record this frequency as reference frequency. 3. Set the temperature of chamber to 50°C. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. While maintaining a constant temperature inside the chamber, turn the EUT on and measure the EUT operating frequency. 4. Repeat step 2 with 10°C decreased per stage until the lowest temperature -30°C is measured, recording all measured frequency on each temperature step. Frequency Stability Versus Input Voltage 1. Configure as the setup block, frequency measured at temperature if it is within 15°C to 25°C. Otherwise, an environment chamber set for a temperature of 20°C shall be used. Install new battery in the EUT. 2. Set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 1KHz and

	Video Resolution Bandwidth to 1KHz. Record this frequency as reference frequency. 3. For battery operated with device, supply the EUT primary voltage at the operating end point which is specified by manufacturer and record the frequency.
Test Result:	PASS

6.4.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2016
RF cable	TCT	RE-06	N/A	Sep. 12, 2016
Antenna Connector	TCT	RFC-01	N/A	Sep. 12, 2016
Programable tempratuce and humidity chamber	JQ	JQ-2000	N/A	Sep. 12, 2016
DC power supply	Kingrang	KR3005K 30V/5A	19000032	Sep. 12, 2016

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.4.3. Test Data

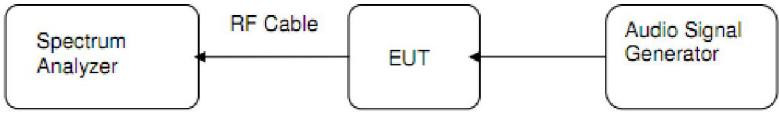
Low channel: 640MHz					
Environment Temperature	Power Supply	Frequency deviation measured with time Elapsed (30 minutes)			
		(MHz)	(ppm)	Limit(ppm)	Result
50	DC 3V	640.00236	3.69	± 50	PASS
40	DC 3V	640.00352	5.50	± 50	PASS
30	DC 3V	640.00347	5.42	± 50	PASS
20	DC 3V	640.00561	8.76	± 50	PASS
10	DC 3V	640.00429	6.70	± 50	PASS
0	DC 3V	640.00534	8.34	± 50	PASS
-10	DC 3V	640.00216	3.38	± 50	PASS
-20	DC 3V	640.00331	5.17	± 50	PASS
-30	DC 3V	640.00247	3.86	± 50	PASS

Middle channel: 665MHz					
Environment Temperature	Power Supply	Frequency deviation measured with time Elapsed (30 minutes)			
		(MHz)	(ppm)	Limit(ppm)	Result
50	DC 3V	665.00317	4.95	± 50	PASS
40	DC 3V	665.00485	7.58	± 50	PASS
30	DC 3V	665.00602	9.40	± 50	PASS
20	DC 3V	665.00379	5.92	± 50	PASS
10	DC 3V	665.00332	5.19	± 50	PASS
0	DC 3V	665.00163	2.55	± 50	PASS
-10	DC 3V	665.00285	4.45	± 50	PASS
-20	DC 3V	665.00113	1.77	± 50	PASS
-30	DC 3V	665.00415	6.48	± 50	PASS

High channel: 689.75MHz					
Environment Temperature	Power Supply	Frequency deviation measured with time Elapsed (30 minutes)			
		(MHz)	(ppm)	Limit(ppm)	Result
50	DC 3V	689.75211	3.30	± 50	PASS
40	DC 3V	689.75269	4.20	± 50	PASS
30	DC 3V	689.75288	4.50	± 50	PASS
20	DC 3V	689.75382	5.97	± 50	PASS
10	DC 3V	689.75471	7.36	± 50	PASS
0	DC 3V	689.75317	4.95	± 50	PASS
-10	DC 3V	689.75538	8.41	± 50	PASS
-20	DC 3V	689.75495	7.73	± 50	PASS
-30	DC 3V	689.75428	6.69	± 50	PASS

6.5. Emission Bandwidth & Emission Mask

6.5.1. Test Specification

Test Requirement:	FCC Part74.861(e)(5)(6), Part2.1049(c)
Method:	ANSI/TIA-603-D 2010
Limit:	According to FCC Part 74 Section 74.861(e)(5), the operation bandwidth shall not exceed 200KHz.
Test Setup:	 <pre> graph LR ASG[Audio Signal Generator] --> EUT[EUT] EUT -- RF Cable --> SA[Spectrum Analyzer] </pre>
Test Mode:	Transmitting mode with modulation
Test Procedure:	Emission Bandwidth: The occupied emission bandwidth limit is not stated in the applicable RSS or reference measurement method, the transmitted signal bandwidth shall be reported as the 99% emission bandwidth, as calculated or measured. 1. The transmitter shall be operated at it maximum carrier power measured under normal test conditions. 2. Make the selected channel frequency as the SA center frequency. 3. The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. 4. The RBW shall be in the range of 1% to 5% of the occupied bandwidth, VBW shall be approximately 3*RBW. 5. Record the test signal waveform. 6. The EUT transmitting in minimum carrier power level, repeat step 1-5. Emission Mask: The mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule: On any frequency removed from the operating frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: at least 25dB; with the following schedule: On any frequency removed from the operating frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: at least 35dB; with the following schedule: On any frequency removed from the operating frequency by more than 250 percent of the authorized bandwidth: at

	least $43 + 10\log(\text{mean output power in watts})\text{dB}$; 1. Center the selected channel on the SA. 2. Set the SA as follow: RBW=10kHz, VBW=10KHz, span =2MHz, sweep time = auto, trace = max hold, detector=Peak. 3. Keep the EUT in high level transmitting without modulation and fix the stability signal. 4. Add the modulation signal to EUT. The modulation signal shall be set as 25KHz, the value is 100mV. 5. Make the peak point. Then set the limit as description in section 74.861(e)(6) 6. Repeat the step in 1-5 and record the signal.
Test Result:	PASS

6.5.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2016
Audio Signal Generator	HP	8920B	3104A03367	Sep. 12, 2016
RF cable	TCT	RE-06	N/A	Sep. 12, 2016
Antenna Connector	TCT	RFC-01	N/A	Sep. 12, 2016

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.5.3. Test Data

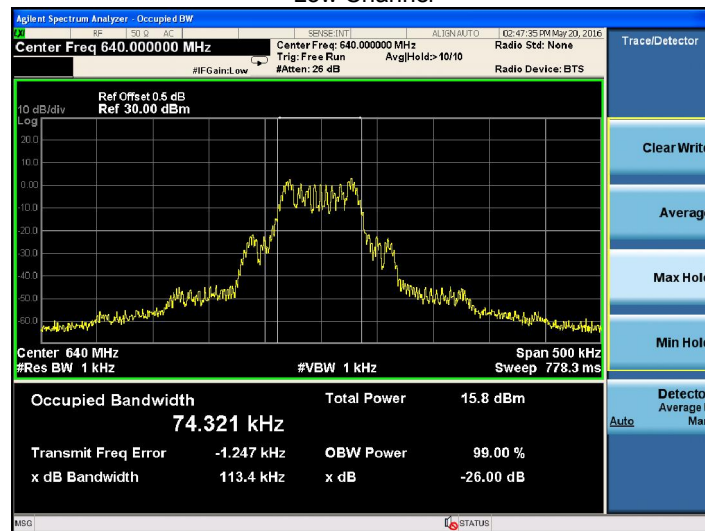
Emission Bandwidth:

Channel	Frequency (MHz)	Emission Bandwidth (KHz)	Limit(KHz)	Result
Low	640.00MHz	74.321	200	PASS
		74.204	200	
Middle	665.00MHz	80.710	200	
		81.110	200	
High	689.75MHz	84.726	200	
		84.853	200	

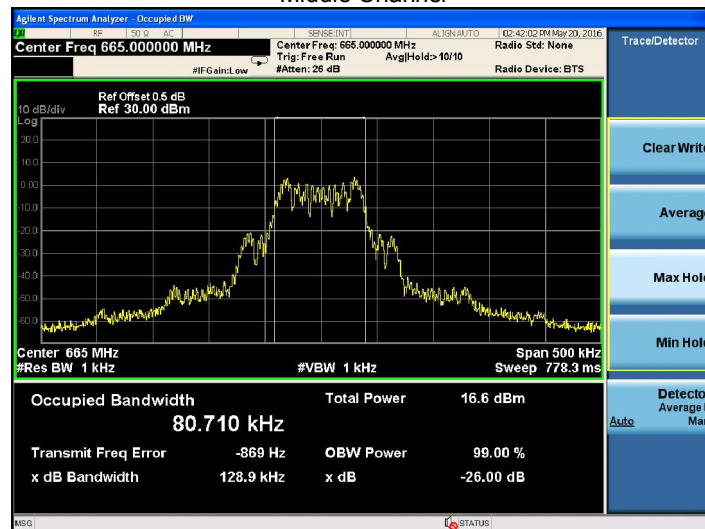
Test plots:

Emission Bandwidth:

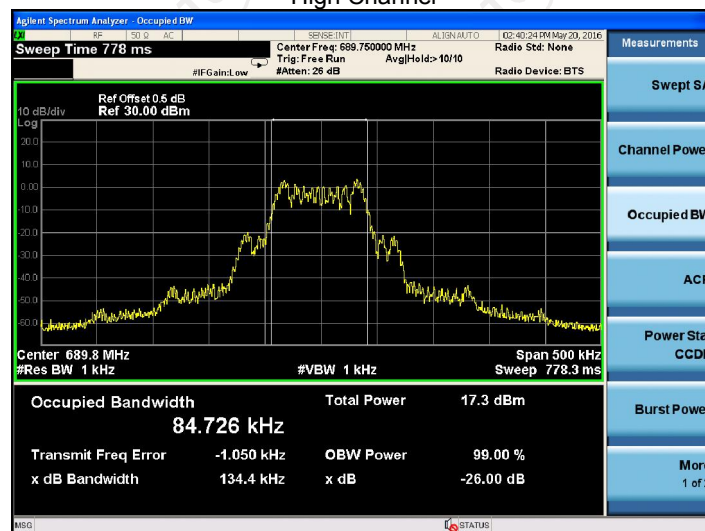
High Power Level Low Channel



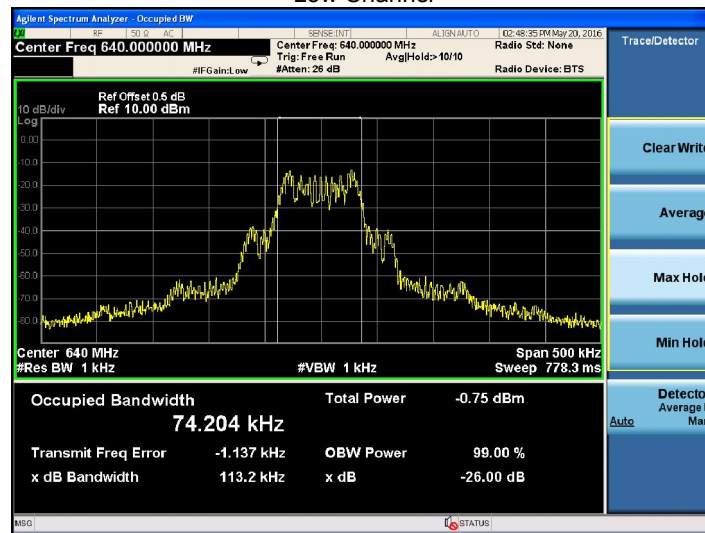
Middle Channel



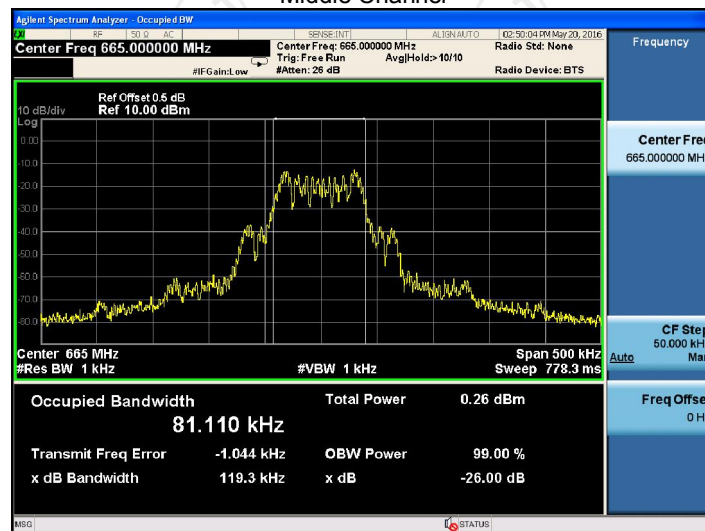
High Channel



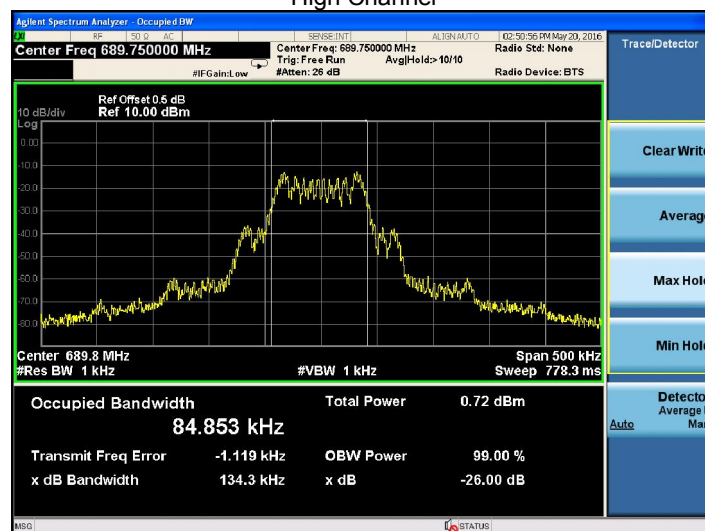
Low Power Level Low Channel



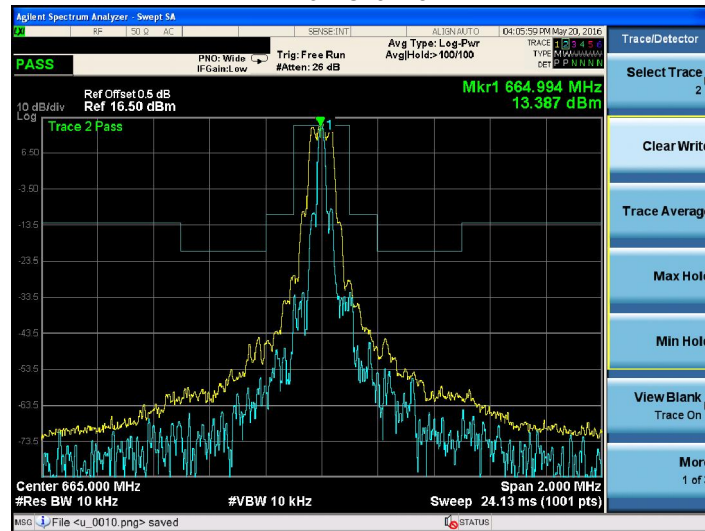
Middle Channel



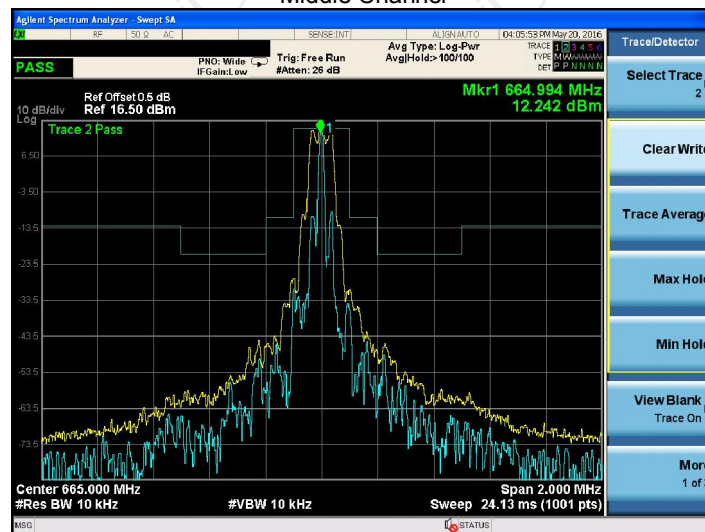
High Channel



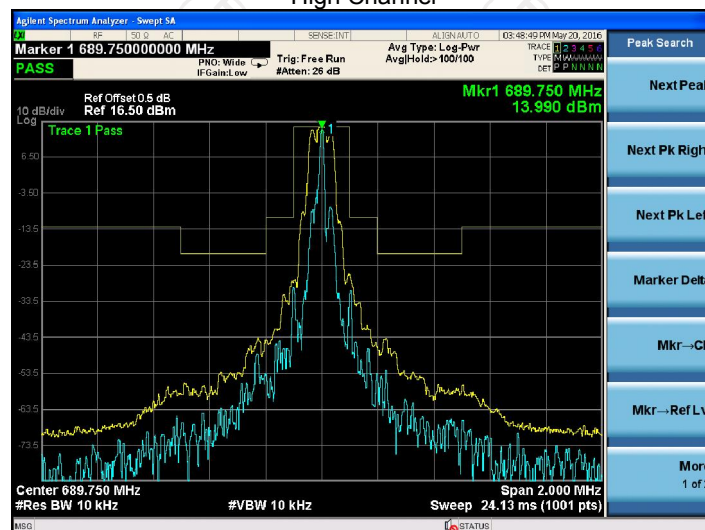
High Power Level Low Channel



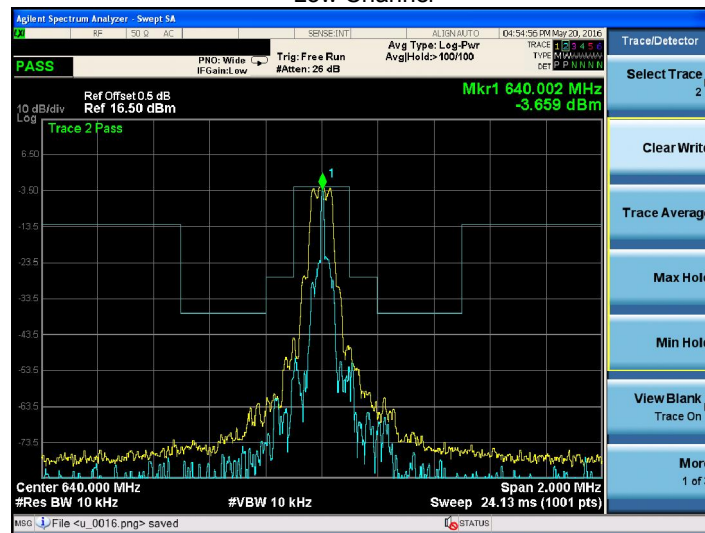
Middle Channel



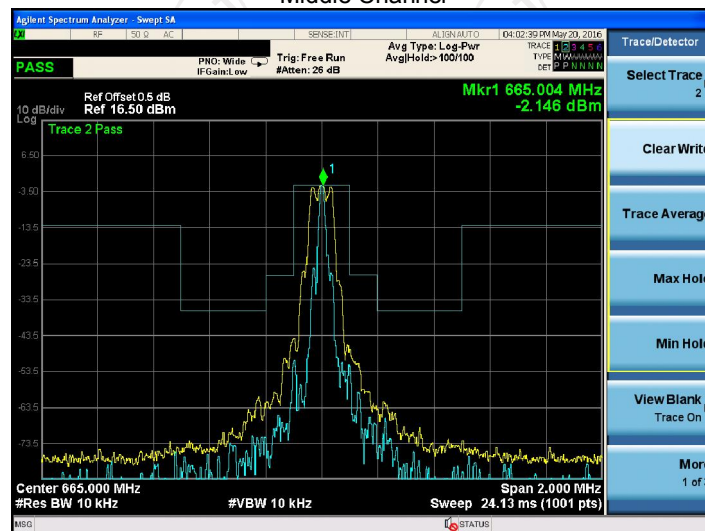
High Channel



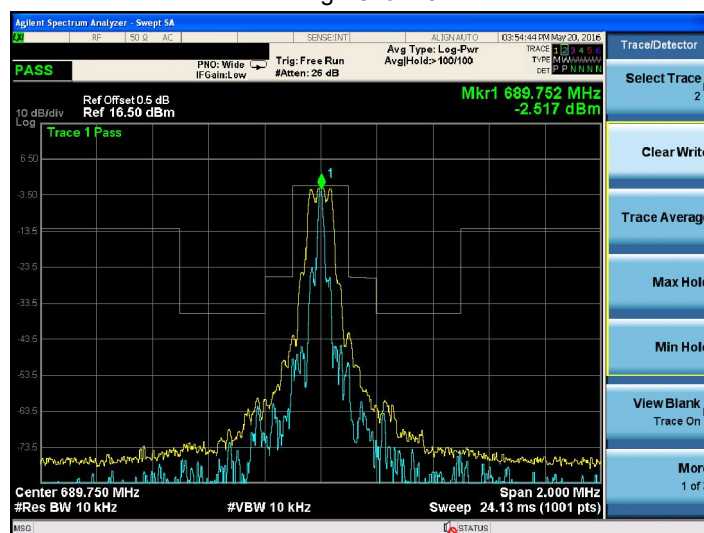
Low Power Level Low Channel



Middle Channel

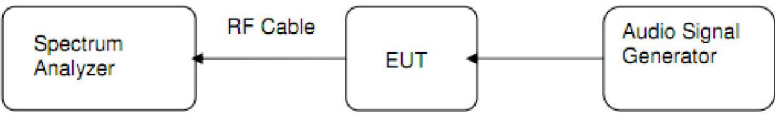


High Channel



6.6. Conducted Spurious Emission Measurement

6.6.1. Test Specification

Test Requirement:	FCC Part 74.861(e)(6), Part 2.1051
Method:	ANSI/TIA-603-D 2010 section 2.2.13
Limit:	On any frequency removed from the operating frequency by more than 250 percent of the authorized bandwidth: at least $43 + 10\log(\text{mean output power in watts})\text{dB}$.
Test Setup:	 <pre> graph LR ASG[Audio Signal Generator] --> EUT[EUT] EUT -- RF Cable --> SA[Spectrum Analyzer] </pre>
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. 2. The transmitter shall be operated at its maximum carrier power measured under normal test conditions. 3. Make the selected channel frequency as the SA center frequency. 4. The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. 5. For frequency below 1GHz, set RBW = 100 kHz, VBW = 300kHz; above 1GHz, set RBW = 1MHz, VBW = 3MHz. Scan up through 10th harmonic 6. Set sweep speed less than 2000 Hz including 2000Hz per second. Detector mode as Peak. 7. Measure and record the results in the test report. 8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. 9. Repeat step 2-7, until all the three tested channel in both power level are tested.
Test Result:	PASS

6.6.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2016
Audio Signal Generator	HP	8920B	3104A03367	Sep. 12, 2016
RF cable	TCT	RE-06	N/A	Sep. 12, 2016
Antenna Connector	TCT	RFC-01	N/A	Sep. 12, 2016

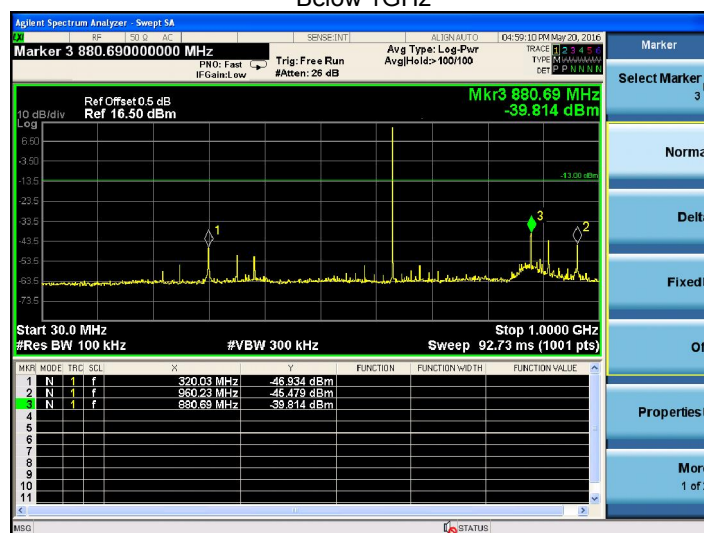
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.6.3. Test Data

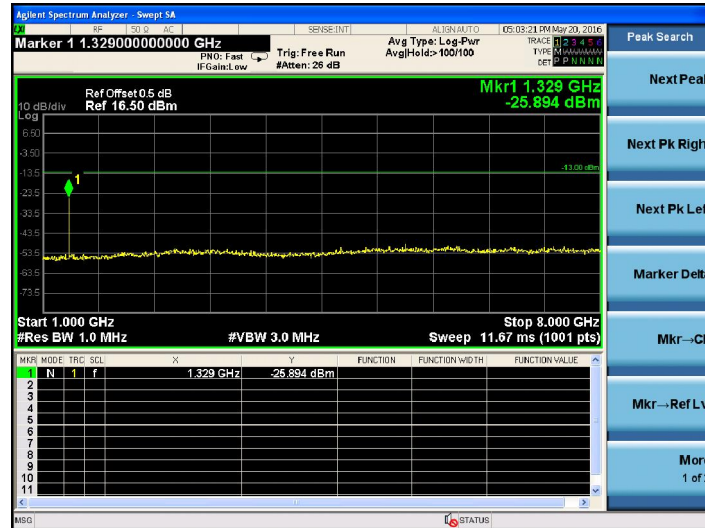
High Power Level

Low Channel

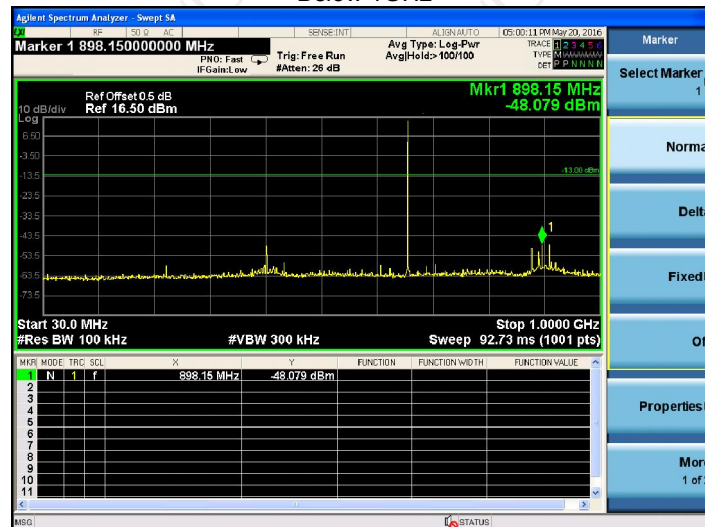
Below 1GHz



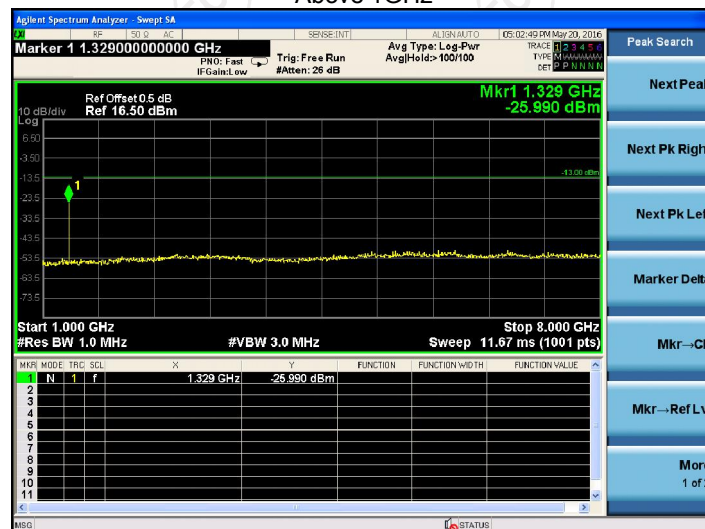
Above 1GHz



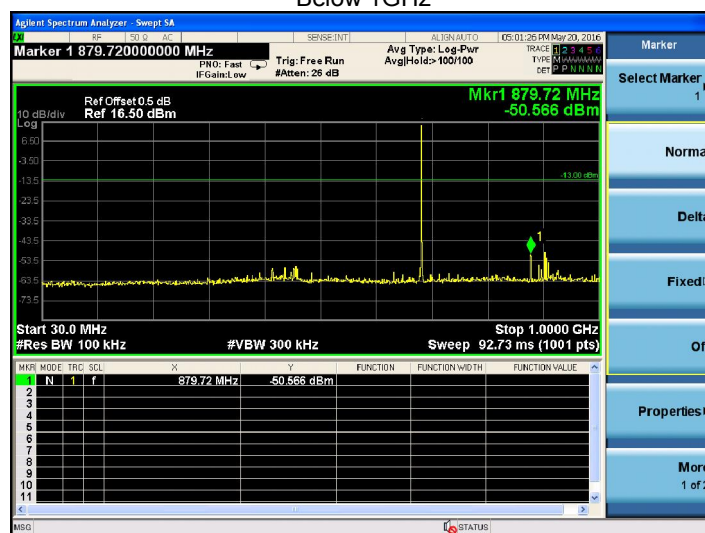
Middle Channel Below 1GHz



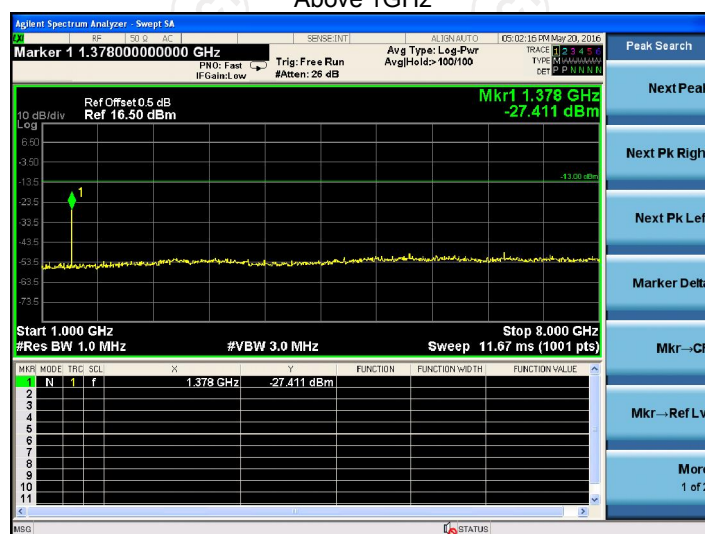
Above 1GHz



High Channel Below 1GHz



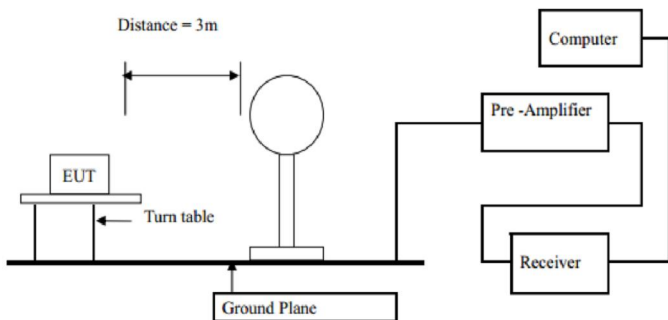
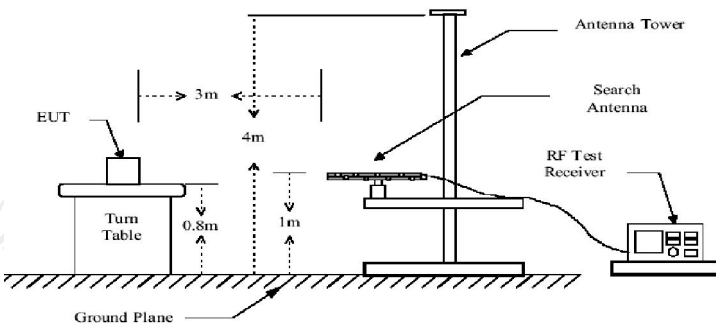
Above 1GHz



Note: Both the two power level are tested, the test plots of the maximum power level are recorded in this report.

6.7. Radiated Spurious Emission Measurement

6.7.1. Test Specification

Test Requirement:	FCC Part 74.861(e)(6), Part 2.1051																													
Test Method:	ANSI/TIA-603-D 2010 section 2.2.13																													
Frequency Range:	9 kHz to 7 GHz																													
Measurement Distance:	3 m																													
Antenna Polarization:	Horizontal & Vertical																													
Receiver Setup:	<table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>9kHz- 150kHz</td><td>Quasi-peak</td><td>200Hz</td><td>1kHz</td><td>Quasi-peak Value</td></tr><tr><td>150kHz- 30MHz</td><td>Quasi-peak</td><td>9kHz</td><td>30kHz</td><td>Quasi-peak Value</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr><tr><td>Peak</td><td>1MHz</td><td>10Hz</td><td>Average Value</td></tr></table>	Frequency	Detector	RBW	VBW	Remark	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value	Above 1GHz	Peak	1MHz	3MHz	Peak Value	Peak	1MHz	10Hz	Average Value
Frequency	Detector	RBW	VBW	Remark																										
9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value																										
150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value																										
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value																										
Above 1GHz	Peak	1MHz	3MHz	Peak Value																										
	Peak	1MHz	10Hz	Average Value																										
Limit:	On any frequency removed from the operating frequency by more than 250 percent of the authorized bandwidth: at least 43 + 10log(mean output power in watts)dB.																													
Test setup:	For radiated emissions below 30MHz  30MHz to 1GHz  Above 1GHz																													