

FCC - TEST REPORT

Report Number	68.910.15.019.	01	Date of Issue:	May 15, 2016
Model	: XJ-611			
Product Type	: Fountain Aroma	a Diffuser		
Applicant	: Dynasty Home	Appliance &	Technology C	o. Ltd.
Address	: Shangnan indu	strial district	, Fusha town Z	hongshan city,
	Guangdong, Ch	nina.		
Production Facility	: Dynasty Home	Appliance &	Technology C	o. Ltd.
Address	: Shangnan indu	strial district	, Fusha town, Z	Zhongshan city,
	Guangdong, Cl	nina.		
Test Result	: Positive	□ Negative	e	
Total pages including Appendices	: 39			

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2 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Building 12&13, Zhiheng Wisdomland Business Park,

Nantou Checkpoint Road 2, Nanshan District,

Shenzhen City, 518052,

P. R. China

FCC Registration

502708

Number:

Telephone: 86 755 8828 6998 Fax: 86 755 8828 5299



3 Description of the Equipment Under Test

Product: Fountain Aroma Diffuser

Model no.: XJ-611

FCC ID: 2AICI-XJ611

Brand Name: N/A

Options and accessories: NIL

Rating: 24VDC (Supplied by an external adapter

Adapter input: 100-240VAC, 0.6A, 50/60Hz

Adapter output: 24VDC, 0.75A)

RF Transmission 2402-2480MHz

Frequency:

No. of Operated Channel: 79

Modulation: GFSK, $\pi/4$ -DQPSK, 8DPSK

Antenna Type: PCB Antenna

Antenna Gain: 1.2dBi

Description of the EUT: The Equipment Under Test (EUT) is a Fountain Aroma Diffuser with

Bluetooth function operating at 2.4GHz



4 Summary of Test Standards

	Test Standards
FCC Part 15 Subpart C	PART 15 - RADIO FREQUENCY DEVICES
10-1-2015 Edition	Subpart C - Intentional Radiators

All the test methods were according to Public Notice DA 00-705 -Frequency Hopping Spread Spectrum Test Procedure released by FCC on March 30, 2000 and ANSI-C63.10 (2013).



5 Summary of Test Results

	Technical Requirements					
FCC Part 15 Sub	part C					
Test Condition		Pages	Test Site	Test Result		
§15.207	Conducted emission on AC power port	10	Site 1	Pass		
§15.247(b)(1)	Conducted peak output power	13	Site 1	Pass		
§15.247(a)(2)	6dB bandwidth			N/A		
§15.247(a)(1)	20dB bandwidth and 99% Occupied Bandwidth	14	Site 1	Pass		
§15.247(a)(1)	Carrier frequency separation	21	Site 1	Pass		
§15.247(a)(1)(iii)	Number of hopping frequencies	24	Site 1	Pass		
§15.247(a)(1)(iii)	Dwell Time	26	Site 1	Pass		
§15.247(e)	Power spectral density*			N/A		
§15.247(d)	Spurious RF conducted emissions	29	Site 1	Pass		
§15.247(d)	Band edge	33	Site 1	Pass		
§15.247(d) & §15.209 &	Spurious radiated emissions for transmitter and receiver	36	Site 1	Pass		
§15.203	Antenna requirement	See	note 2	Pass		

Note 1: N/A=Not Applicable.

Note 2: The EUT uses a PCB antenna, which gain is 1.2dBi. In accordance to §15.203, It is considered sufficiently to comply with the provisions of this section.



6 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: 2AICI-XJ611, complies with Section 15.207, 15.209, 15.247 of the FCC Part 15, Subpart C.

SUMMARY:

All tests according to the regulations cited on page 5 were

- Performed
- ☐ Not Performed

The Equipment Under Test

- - Fulfills the general approval requirements.
- ☐ **Does not** fulfill the general approval requirements.

Sample Received Date: Nov 10, 2015

Testing Start Date: Nov 10, 2015

Testing End Date: Nov 17, 2015

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

Reviewed by:

Prepared by:

Tested by:

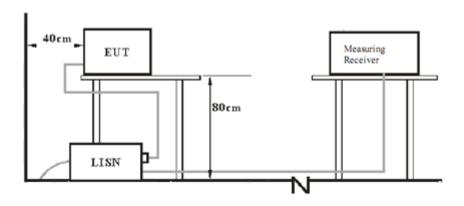
Leon 2

Phoebe Hu EMC Project Manager Aaron Lai EMC Project Engineer Leon Zhang EMC Test Engineer

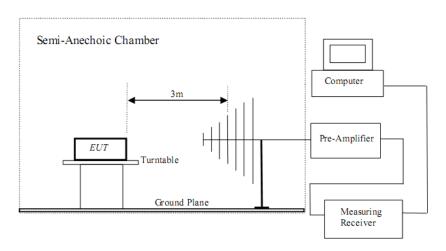


7 Test Setups

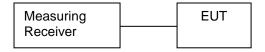
7.1 AC Power Line Conducted Emission test setups



7.2 Radiated test setups



7.3 Conducted RF test setups





8 Systems test configuration

Auxiliary Equipment Used during Test:

Ī	DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N(LENGTH)
ſ	NoteBook	LENOVO	X240	

Test software: AppoTech RF Control Kit, which used to control the EUT in continues transmitting mode

The system was configured to hopping mode and non-hopping mode.

Hopping mode: typical working mode (normal hopping status)

Non-hopping mode: The system was configured to operate at a signal channel transmitting. The test software allows the configuration and operation at the worst-case duty and the highest transmit power



9 Technical Requirement

9.1 Conducted Emission on AC 150K to 30MHz

Test Method

- 1. The EUT was placed on a table, which is 0.8m above ground plane
- 2. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.).
- 3. Maximum procedure was performed to ensure EUT compliance
- 4. A EMI test receiver is used to test the emissions from both sides of AC line

Limit

According to §15.207, conducted emissions limit as below:

Frequency	QP Limit AV L		
MHz	dΒμV	dΒμV	
 0.150-0.500	66-56*	56-46*	
0.500-5	56	46	
5-30	60	50	

Decreasing linearly with logarithm of the frequency

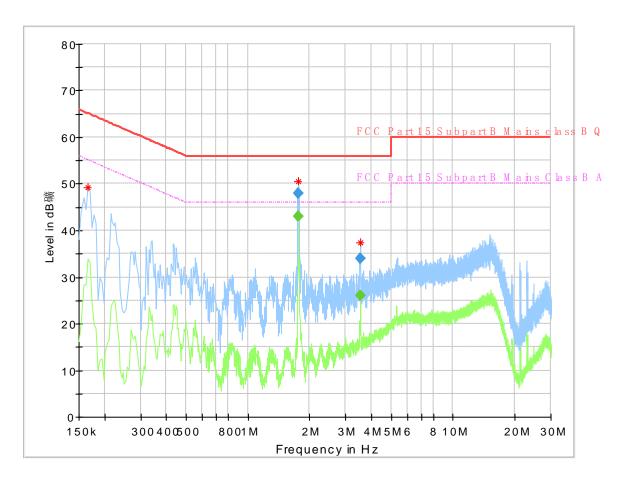


Conducted Emission

Product Type : Fountain Diffuser

M/N : GB-331
Operating Condition : transmitting
Test Specification : Line

Comment : AC 120V/60Hz



Final_Result

	Frequency	QuasiPeak	Average	Limit	Margin	Line
	(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
Ī	1.769500		42.96	46.00	3.04	L1
	1.769500	48.00		56.00	8.00	L1
	3.533500		25.96	46.00	20.04	L1
	3.533500	34.04		56.00	21.96	L1

Critical_Freqs

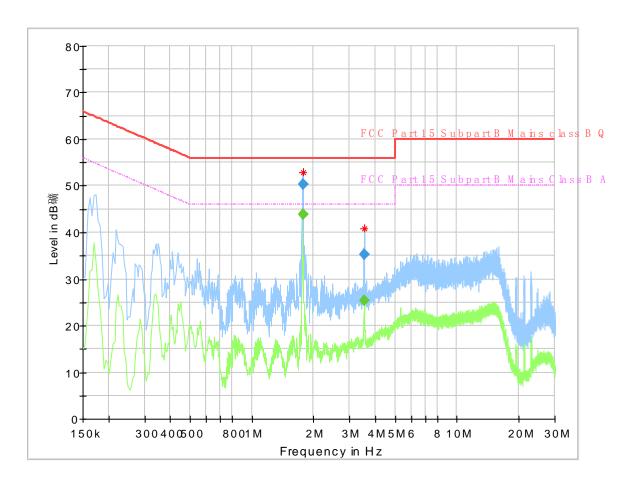
	Frequency (MHz)	MaxPeak (dBµV)	Avera ge (dBµV)	Limit (dBµV)	Margin (dB)	Line
	0.166000	49.35		65.16	15.81	L1
Ī	1.769500	50.59		56.00	5.41	L1
Ī	3.533500	37.32		56.00	18.68	L1



Conducted Emission

Product Type : Fountain Diffuser

M/N : GB-331
Operating Condition : transmitting
Test Specification : Neutral
Comment : AC 120V/60Hz



Final_Result

	Frequency	QuasiPeak	Average	Limit	Margin	Line
	(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
Į	1.773500		43.88	46.00	2.12	N
	1.773500	50.43		56.00	5.57	N
	3.525500	-	25.41	46.00	20.59	N
	3.525500	35.18	-	56.00	20.82	N

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Avera ge (dBµV)	Limit (dBµV)	Margin (dB)	Line
1.773500	52.90		56.00	3.10	N
3.525500	40.88		56.00	15.12	N



9.2 Conducted peak output power

Test Method

- Use the following spectrum analyzer settings:
 Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW > the 20 dB bandwidth of the emission being measured, VBW≥RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 2. Add a correction factor to the display.
- 3. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power

Limits

According to §15.247 (b) (1), conducted peak output power limit as below:

Frequency Range	Limit	Limit
MHz	W	dBm
2400-2483 5	≤1	≤30

Test result as below table

Bluetooth Mode GFSK modulation Test Result

Frequency MHz	Conducted Peak Output Power dBm	Result
Low channel 2402MHz	-4.89	Pass
Middle channel 2441MHz	-5.47	Pass
High channel 2480MHz	-6.18	Pass

Bluetooth Mode $\pi/4$ -DQPSK modulation Test Result

Frequency MHz	Conducted Peak Output Power dBm	Result
Low channel 2402MHz	-7.32	Pass
Middle channel 2441MHz	-8.11	Pass
High channel 2480MHz	-8.64	Pass

Bluetooth Mode 8DPSK modulation Test Result

Frequency	Conducted Peak Output Power	Result
MHz	dBm	
Low channel 2402MHz	-7.44	Pass
Middle channel 2441MHz	-8.14	Pass
High channel 2480MHz	-8.67	Pass



9.3 20 dB bandwidth and 99% Occupied Bandwidth

Test Method

- Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- 3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
- 4. Repeat above procedures until all frequencies measured were complete.

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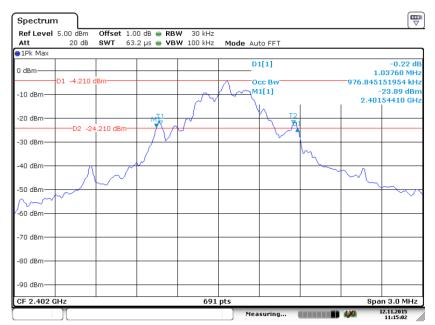
Limit [kHz]
N/A



20 dB bandwidth and 99% Occupied Bandwidth

Bluetooth Mode GFSK Modulation test result

Frequen	cy 20 dB Bandwidth	Limit	Result
MHz	kHz	kHz	
2402	1037.6		Pass
2440	1037.6		Pass
2480	1042		Pass



Date: 12.NOV.2015 11:15:02

2402MHz



20 dB bandwidth and 99% Occupied Bandwidth



Date: 12.NOV.2015 11:16:18

2441MHz Spectrum Ref Level 5.00 dBm Offset 1.00 dB • RBW 30 kHz Mode Auto FFT Att 20 dB SWT 63.2 µs . VBW 100 kHz ●1Pk Max -0.34 dE 1.04200 MHz 0 dBn 981.186685962 kHz -25.34 dBm D1 -5.340 d M1[1] -10 dBm 2.47954410 GH -20 dBm -D2 -25.340 dBi 40 dBm -50 dBm -60 dBm -70 dBm -80 dBm Span 3.0 MHz CF 2.48 GHz 691 pts

Date: 12.NOV.2015 11:17:38

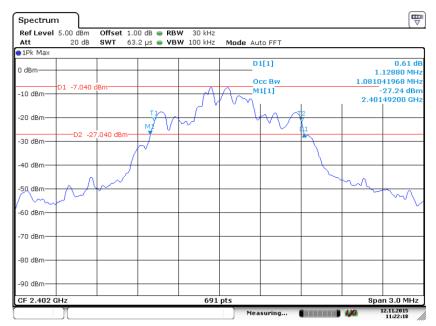
2480MHz



20 dB bandwidth and 99% Occupied Bandwidth

Bluetooth Mode π/4-DQPSK Modulation test result

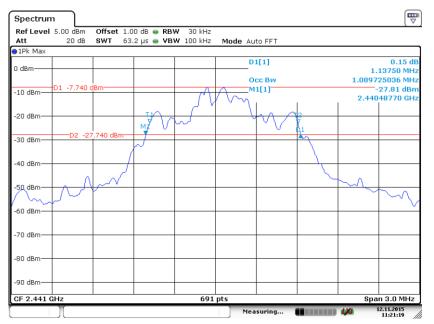
Frequency	20 dB Bandwidth	Limit	Result
MHz	kHz	kHz	
2402	1128.8		Pass
2440	1137.5		Pass
2480	1133.1		Pass



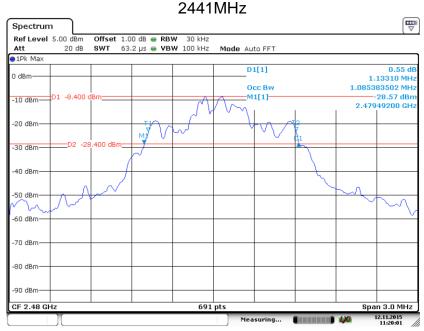
Date: 12.NOV.2015 11:22:18

2402MHz





Date: 12.NOV.2015 11:21:19



Date: 12.NOV.2015 11:20:01

2480MHz



20 dB bandwidth and 99% Occupied Bandwidth

Bluetooth Mode 8DPSK Modulation test result

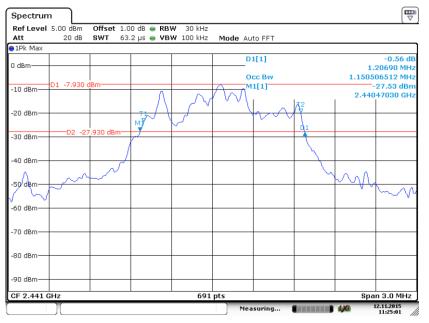
Frequency	20 dB Bandwidth	Limit	Result
MHz	kHz	kHz	
2402	1215.6		Pass
2440	1206.9		Pass
2480	1215.6		Pass



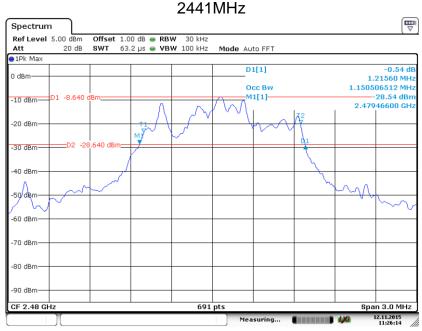
Date: 12.NOV.2015 11:24:08

2402MHz





Date: 12.NOV.2015 11:25:01



Date: 12.NOV.2015 11:26:14

2480MHz



9.4 Carrier Frequency Separation

Test Method

- Use the following spectrum analyzer settings:
 Span = wide enough to capture the peaks of two adjacent channels, RBW ≥ 1% of the span, VBW) ≥RBW, Sweep = auto, Detector function = peak
- 2. By using the Max-Hold function record the separation of two adjacent channels.
- 3. Measure the frequency difference of these two adjacent channels by spectrum analyzer marker function.
- 4. Repeat above procedures until all frequencies measured were complete.

Limit

Limit
kHz
≥25KHz or 2/3 of the 20 dB bandwidth which is greater

GFSK Modulation Limit

Frequency	2/3 of 20 dB Bandwidth
MHz	kHz
2402	691
2441	691
2480	694

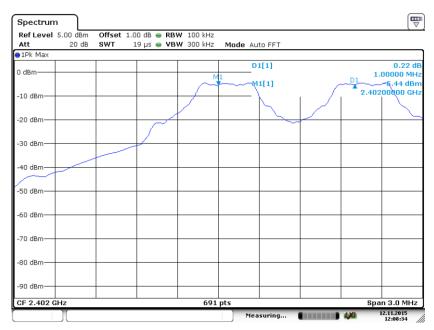


Carrier Frequency Separation

Test result: The measurement was performed with the typical configuration (normal hopping status), here GFSK modulation mode was used to show compliance.

GFSK Modulation test result

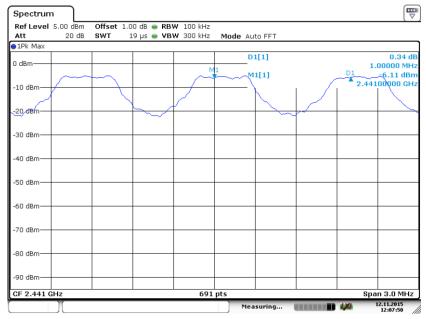
Frequency	Carrier Frequency Separation	Result	
MHz	kHz		
2402	1000	Pass	
2441	1000	Pass	
2480	1000	Pass	



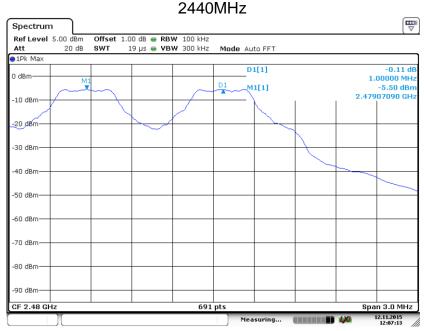
Date: 12.NOV.2015 12:08:34

2402MHz





Date: 12.NOV.2015 12:07:50



Date: 12.NOV.2015 12:07:13

2480MHz



9.5 Number of hopping frequencies

Test Method

- Use the following spectrum analyzer settings:
 Span = wide enough to capture the peaks of two adjacent channels, RBW ≥ 1% of the span, VBW) ≥RBW, Sweep = auto, Detector function = peak
- 2. Set the spectrum analyzer on Max-Hold Mode, and then keep the EUT in hopping mode.
- 3. Record all the signals from each channel until each one has been recorded.
- 4. Repeat above procedures until all frequencies measured were complete.

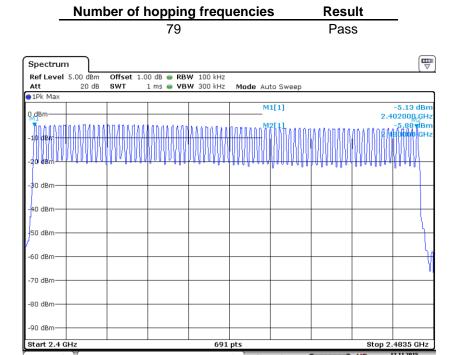
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Limit	
number	
≥ 15	



Number of hopping frequencies

Test result: The measurement was performed with the typical configuration (normal hopping status), and the total hopping channels is constant for the all modulation mode according with the Bluetooth Core Specification. Here GFSK modulation mode was used to show compliance.





9.6 Dwell Time

Test Method

- Connect EUT antenna terminal to the spectrum analyzer with a low loss cable.
 Equipment mode: Spectrum analyzer
- 2. RBW: 1MHz; VBW: 1MHz; SPAN: Zero Span
- 3. Adjust the center frequency of spectrum analyzer on any frequency be measured.
- 4. Measure the Dwell Time by spectrum analyzer Marker function.
- 5. Repeat above procedures until all frequencies measured were complete.

Limit

According to §15.247(a)(1)(iii). The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.



Dwell Time

Dwell time

The maximum dwell time shall be 0,4 s.

According to the Bluetooth Core Specification, the worse result (DH5 mode) was reported to show compliance.

The Dwell Time = Burst Width * Total Hops. The detailed calculations are showed as follows: The duration for dwell time calculation: 0.4 [s] * hopping number = 0.4 [s] * 79 [ch] = 31.6 [s*ch];

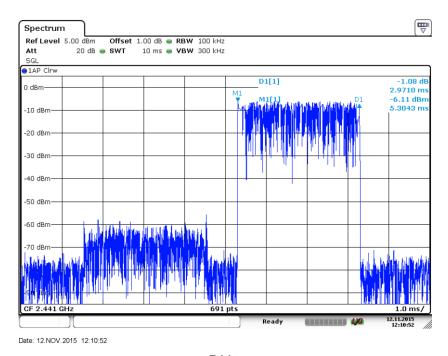
The burst width, which is directly measured, refers to the duration on one channel hop.

The maximum number of hopping channels in 31.6s for DH5=1600 / 6 / 79 *31.6=106.67

Test Result

Modulation	Mode	Reading (µs)	Total Hops	Test Result (ms)	Limit (ms)	Result
GFSK	DH5	2971	106.67	316.92	< 400	Pass
π/4-DQPSK	2DH5	2985.5	106.67	318.46	< 400	Pass
8-DPSK	3DH5	2985.5	106.67	318.46	< 400	Pass

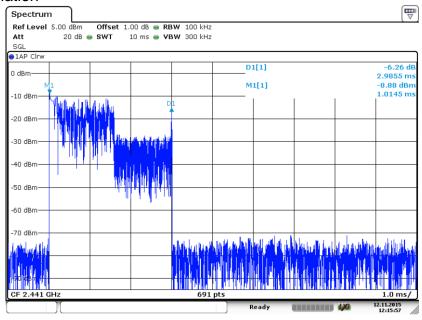
GFSK Modulation



DH₅



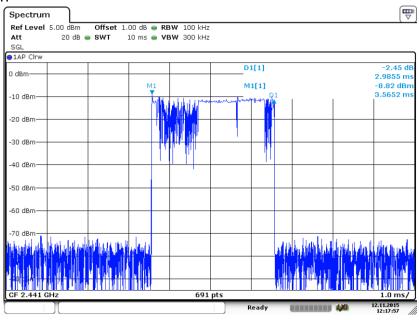
π/4-DQPSK Modulation



Date: 12.NOV.2015 12:15:57

2DH5

8-DPSK Modulation



Date: 12.NOV.2015 12:17:57

3DH5



9.7 Spurious RF conducted emissions

Test Method

- Use the following spectrum analyzer settings: Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span. RBW = 100 kHz, VBW≥RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 2. Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded.
- 3. The level displayed must comply with the limit specified in this Section. Submit these plots.
- 4. Repeat above procedures until all frequencies measured were complete.

Limit

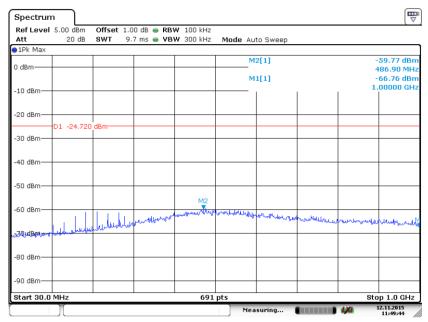
Frequency Range MHz	Limit (dBc)
30-25000	-20



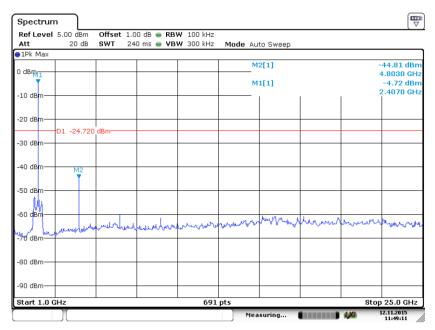
Spurious RF conducted emissions

Only the worse case (which is subject to the maximum EIRP, GFSK mode) test result is listed in the report.

2402MHz



Date: 12.NOV.2015 11:49:45

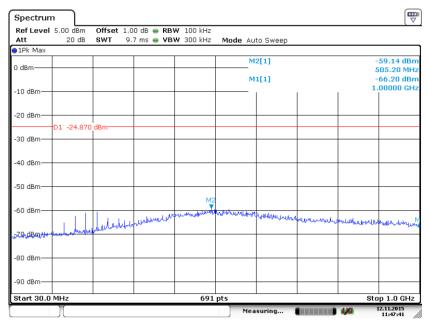


Date: 12.NOV.2015 11:49:11

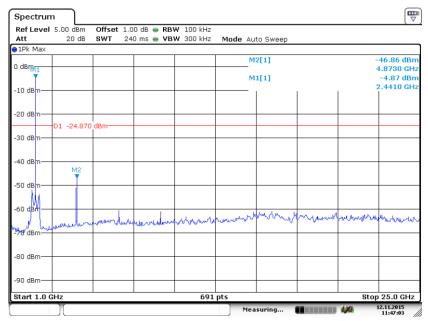


Spurious RF conducted emissions

2441MHz



Date: 12.NOV.2015 11:47:41

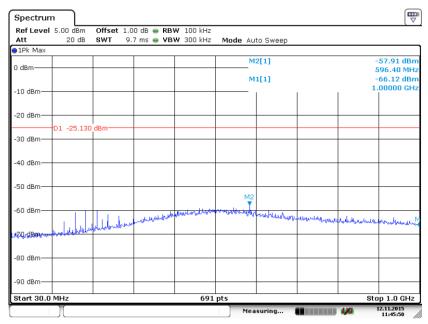


Date: 12.NOV.2015 11:47:03

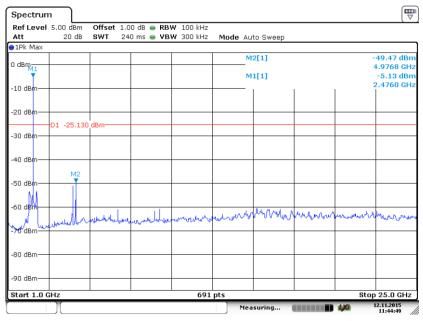


Spurious RF conducted emissions

2480MHz



Date: 12.NOV.2015 11:45:50



Date: 12.NOV.2015 11:44:49



9.8 Band edge testing

Test Method

- 1 Use the following spectrum analyzer settings: Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 100 kHz, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 2 Allow the trace to stabilize, use the peak and delta measurement to record the result.
- 3 The level displayed must comply with the limit specified in this Section. .
- 4 Repeat the test at the hopping off and hopping on mode, submit all the plots.

Limit:

According to §15.247(d), in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in 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, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in 15.209(a) (see Section 15.205(c)).

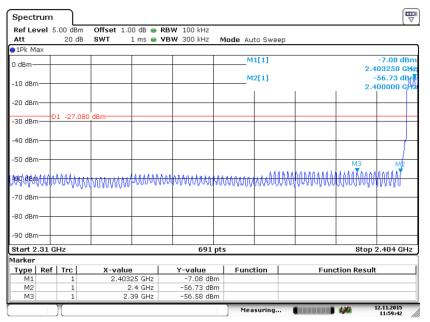


Band edge testing

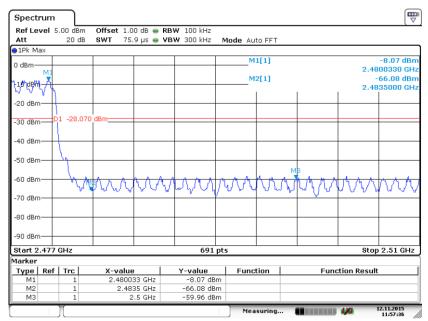
Note: only the worst case test data was shown in the test report.

GFSK Modulation Test Result:

Hopping on mode:



Date: 12.NOV.2015 11:59:42

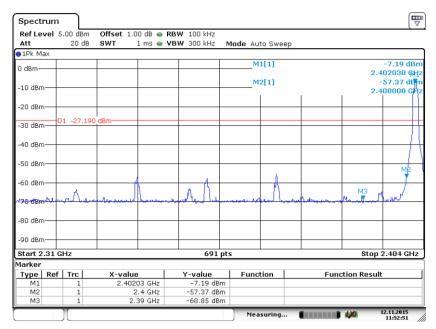


Date: 12.NOV.2015 11:57:37

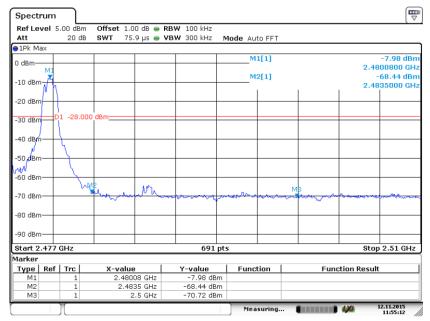


Band edge testing

Hopping off mode:



Date: 12.NOV.2015 11:52:51



Date: 12.NOV.2015 11:55:12



9.9 Spurious radiated emissions for transmitter

Test Method

- 1 The EUT was place on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2 The EUT was set 3 meters away from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3 The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4 For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5 Use the following spectrum analyzer settings According to C63.10:

For Above 1GHz

Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 1MHz, VBW ≥ RBW for peak measurement and VBW = 10Hz for average measurement, Sweep = auto, Detector function = peak, Trace = max hold.

For Below 1GHz

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious RBW = 100 KHz, VBW ≥ RBW for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.

Note:

- 1 The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Quasi-peak detection (QP) at frequency below 1GHz.
- The resolution bandwidth of test receiver is 1MHz and the video bandwidth is 3MHz for peak detection (PK) at frequency above 1GHz.
- The resolution bandwidth of test receiver is 1MHz and the video bandwidth is 3MHz for RMS Average ((duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (20log(1/duty cycle)).
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.

Limit

According to part 15.247(d), the radio emission outside the operating frequency band 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. Radiated emissions which fall in the restricted bands, as defined in section15.205, must comply with the radiated emission limits specified in section 15.209.

Frequency	Field Strength	Field Strength	Detector
MHz	uV/m	dBμV/m	
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK



Spurious radiated emissions for transmitter

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

The only worse case (which is subject to the maximum EIRP, GFSK mode) test result is listed in the report.

Transmitting spurious emission test result as below:

Bluetooth Mode GFSK Modulation 2402MHz Test Result

Frequency	Emission Level	Polarization	Limit	Detector	Result
MHz	dBuV/m		dΒμV/m		
74	24.24	Horizontal	40	QP	Pass
70	32.58	Vertical	40	QP	Pass
*4804	47.73	Horizontal	74	PK	Pass
*4804	43.31	Vertical	74	PK	Pass

Bluetooth Mode GFSK Modulation 2441MHz Test Result

Frequency	Emission Level	Polarization	Limit	Detector	Result
MHz	dBuV/m		dBμV/m		
*4882	45.54	Horizontal	74	PK	Pass
*4882	45.23	Vertical	74	PK	Pass

Bluetooth Mode GFSK Modulation 2480MHz Test Result

Frequency	Emission Level	Polarization	Limit	Detector	Result
MHz	dBuV/m		dBμV/m		
*4960	46.79	Horizontal	74	PK	Pass
*4960	46.94	Vertical	74	PK	Pass

Remark:

- (1) 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.
- (2) "*" means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.



10 Test Equipment List

List of Test Instruments

	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DUE DATE	
	EMI Test Receiver	Rohde & Schwarz	ESR 3	101782	2016-7-24	
	LISN	Rohde & Schwarz	ENV4200	100249	2016-7-24	
	LISN	Rohde & Schwarz	ENV216	100326	2016-7-24	\boxtimes
CE	ISN	Rohde & Schwarz	ENY81	100177	2016-7-24	
	ISN	Rohde & Schwarz	ENY81- CAT6	101664	2016-7-24	
	High Voltage Proble	Rohde & Schwarz	TK9420(VT9 420)	9420-58	2016-7-24	
	RF Current probe	Rohde & Schwarz	EZ-17	100816	2016-7-24	
С	Signal Analyzer	Rohde & Schwarz	FSV40	101030	2016-7-24	\boxtimes
RE	EMI Test Receiver	Rohde & Schwarz	ESR 26	101269	2016-7-24	\boxtimes
	Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	707	2016-8-14	\boxtimes
	Horn Antenna	Rohde & Schwarz	HF907	102294	2016-7-24	\boxtimes
	Pre-amplifier	Rohde & Schwarz	SCU 18	102230	2016-7-24	\boxtimes
	Pre-amplifier	Rohde & Schwarz	SCU 40A	100432	2016-7-24	\boxtimes
	3m Semi-anechoic chamber	TDK	9X6X6		2019-5-29	



11 System Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

System Measurement Uncertainty

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Items	Extended Uncertainty				
Radiated spurious emission(30MHz-	Horizontal: 4.83dB;				
1000MHz)	Vertical: 4.91dB;				
Radiated spurious emission(1GHz-	Horizontal: 4.89dB;				
18GHz)	Vertical: 4.88dB;				
Conducted spurious emission	2.04dB				
Bandwidth test	1.1*10 ⁻⁷				