

FCC TEST REPORT

FCC ID: 2AJI9STT201

Product : Smart Watch

Model Name : STT201

Brand : N/A

Report No. : PTC802169160816-FC01

Prepared for

Senlam Electronics Limited
3/F, JINXIONGDA TECHNOLOGY PARK, XINGYUAN ROAD, DATANGLANG VILLAGE,
DALINGSHAN TOWN,DONGGUAN CITY,GUANGZHOU PROVINCE, CHINA

Prepared by

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Dongcheng District, Dongguan, Guangdong, China

TEST RESULT CERTIFICATION

Applicant's name : Senlam Electronics Limited

Address : 3/F, JINXIONGDA TECHNOLOGY PARK, XINGYUAN ROAD,
DATANGLANG VILLAGE, DALINGSHAN TOWN,DONGGUAN
CITY,GUANGZHOU PROVINCE, CHINA

Manufacture's name : Senlam Electronics Limited

Address : 3/F, JINXIONGDA TECHNOLOGY PARK, XINGYUAN ROAD,
DATANGLANG VILLAGE, DALINGSHAN TOWN,DONGGUAN
CITY,GUANGZHOU PROVINCE, CHINA

Product name : Smart Watch

Model name : STT201

Standards : FCC CFR47 Part 15 Section 15.247

Test procedure : ANSI C63.10:2013, KDB 558074 D01 DTS MEAS GUIDANCE
V03R05

Test Date : Aug.22, 2016 ~ Sep.08, 2016

Date of Issue : Sep.10, 2016

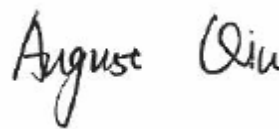
Test Result : Pass

This device described above has been tested by PTS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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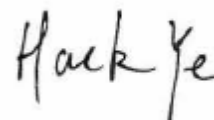
Testing Engineer

August Qiu



Technical Manager

Hack Ye



Authorized Signatory

Chris Du



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2 Test Summary

Test Items	Test Requirement	Result
Conduct Emission	15.207	N/A
Radiated Spurious Emissions	15.205(a) 15.209 15.247(d)	PASS
Conducted Spurious Emission	15.247(d)	PASS
Band edge	15.247(d) 15.205(a)	PASS
6dB Bandwidth	15.247(a)(2)	PASS
Maximum Peak Output Power	15.247(b)(1)	PASS
Power Spectral Density	15.247(e)	PASS
Antenna Requirement	15.203	PASS
Remark: N/A: Not Applicable (EUT is only power by battery, no application)		

3 General Information

3.1 General Description of E.U.T.

Product Name	: Smart Watch
Model Name	: STT201
Diferent Description	: There are 4 different watch types for this smart watch(M/N.:STT201). The differences are only the color of appearence and the design of dial.
Bluetooth Version:	: BLE4.0
Frequency Range:	: 2402-2480MHz, 40 channels
Antenna installation:	: Integrated Antenna
Antenna Gain:	: 0.5dBi
Type of Modulation	: GFSK
The lowest oscillator:	: 32.768kHz
Power supply	: DC 3V power by battery
Hardware version	: SPECTRE-R6.0
Software version	: SPECTRE-V07B

3.2 Channel List

BLE							
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

3.3 Test Mode

All test mode(s) and condition(s) mentioned were considered and evaluated respectively by performing full tests, the worst data were recorded and reported.

All test mode(s) and condition(s) mentioned were considered and evaluated respectively by performing full tests, the worst data were recorded and reported.

For BT V4.0 BLE function, the engineering test program was provide and enabled to make EUT transmit signals continuously, duty cycle is not less than 98%

During test use new and full voltage battery.

Modulation	Test mode	Low channel	Middle channel	High channel
GFSK(BLE)	Transmitting	2402MHz	2440MHz	2480MHz

3.4 Test Site

Dongguan Precise Testing Service Co., Ltd.

Building D,Baoding Technology Park,Guangming Road2, Dongcheng District, Dongguan,

Guangdong, China, Dongguan, 523129

China

FCC Registration Number: 371540

4 Equipment During Test

4.1 Equipments List

RF Conducted Test							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	EMC Analyzer (9k~26.5GHz)	Agilent	E4407B	MY45109572	Aug.04, 2016	Aug.03, 2017	1 year
2	EXA Signal Analyzer	Agilent	N9010A	MY49100645	Aug.04, 2016	Aug.03, 2017	1 year
3	EMI Test Receiver	R&S	ESCI	101155	July 15, 2016	July 14, 2017	1 year
4	Humidity Chamber	GF	GTH-225-40-1P	IAA061225	July 15, 2016	July 14, 2017	1 year
5	Temporary Antenna Connector	Murrata	MXHS83QE 3000	201938	July 15, 2016	July 14, 2017	1 year
6	RF Cable	SCHWARZBECK	AK9515E	96228	July 15, 2016	July 14, 2017	1 year

Radiated Emissions							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	EMI Test Receiver	Rohde&Schwarz	ESCI	101417	July 15, 2016	July 14, 2017	1 year
2	Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3355	July 15, 2016	July 14, 2017	1 year
3	Amplifier	EM	EM-30180	060538	July 15, 2016	July 14, 2017	1 year
4	Loop Antenna	SCHWARZBECK	FMZB1516	9130D-1243	July 15, 2016	July 14, 2017	1 year
5	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1246	July 15, 2016	July 14, 2017	1 year
6	Horn Antenna	Schwarzbeck	BBHA 9170	9170-0741	July 15, 2016	July 14, 2017	1 year
6	Coaxial Cable(below 1GHz)	LARGE	CALB1	-	July 15, 2016	July 14, 2017	1 year
7	Coaxial Cable(above 1GHz)	LARGE	CALB2	-	July 15, 2016	July 14, 2017	1 year

Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

4.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.64dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB

5 Radiated Spurious Emissions

Test Requirement: : FCC CFR47 Part 15 Section 15.209 & 15.247

Test Method: : ANSI C63.10:2013,KDB 558074 D01 DTS MEAS GUIDANCE V03R05

Test Result: : PASS

Measurement Distance: : 3m

Limit: : See the follow table

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log^{(2400/F(\text{kHz}))} + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log^{(24000/F(\text{kHz}))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

5.1 EUT Operation

Operating Environment :

Temperature: : 23.5 °C

Humidity: : 51.1 % RH

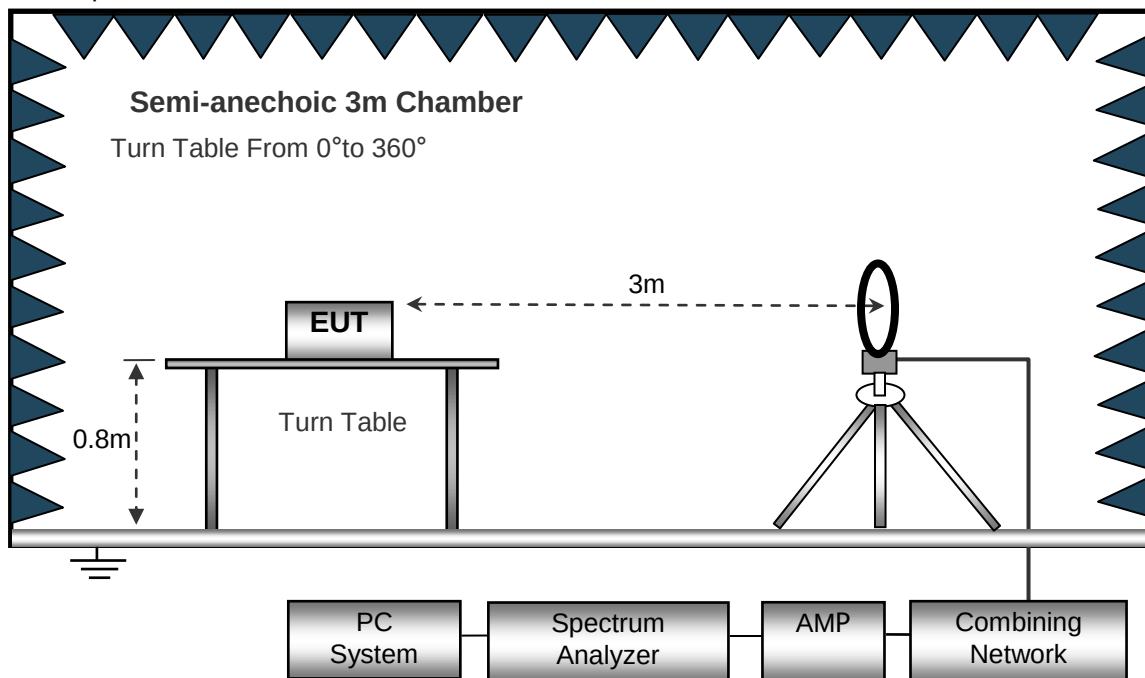
Atmospheric Pressure: : 101.2kPa

EUT Operation : : Refer to section 3.3

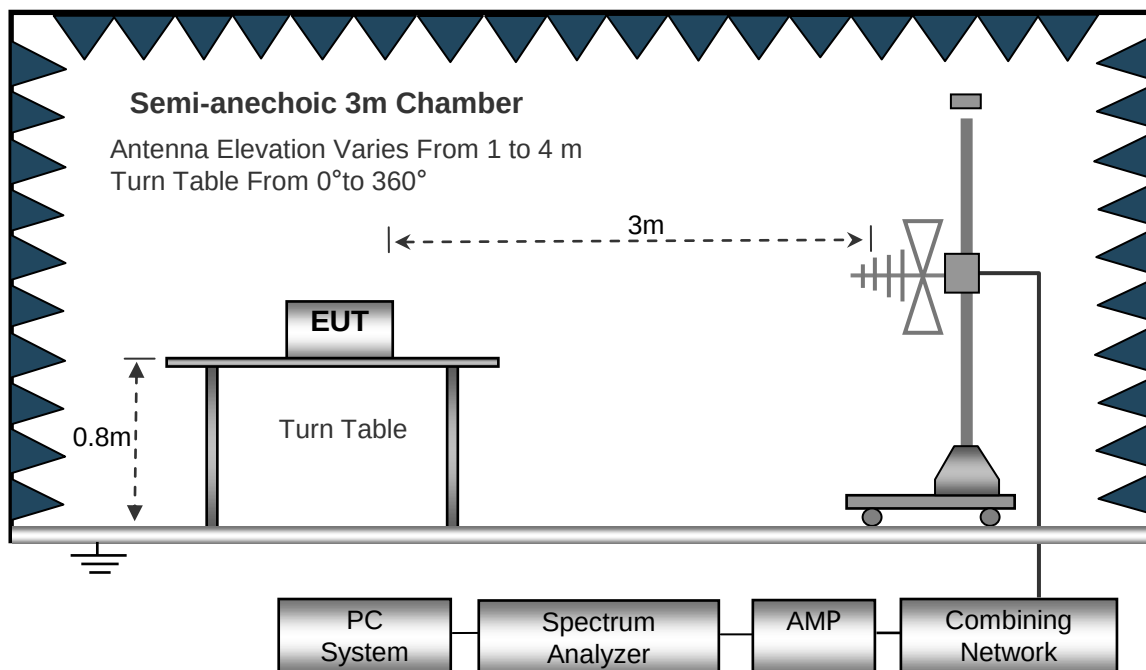
5.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

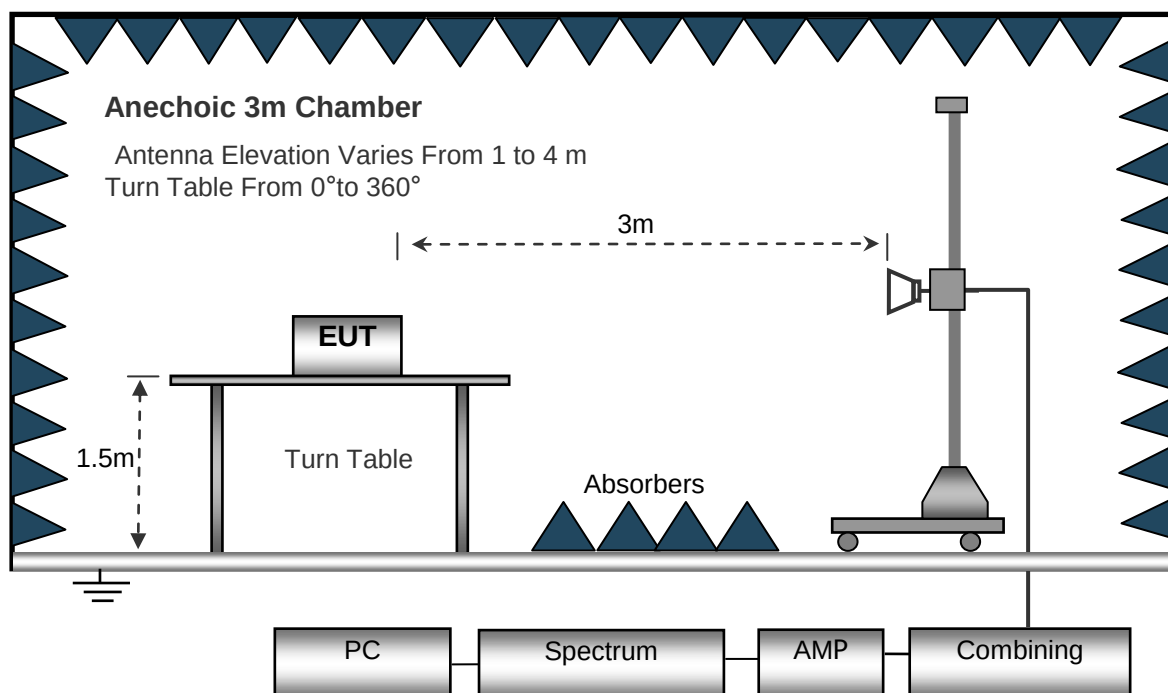
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



5.3 Spectrum Analyzer Setup

Below 30MHz

Sweep Speed Auto
IF Bandwidth 10kHz
Video Bandwidth 10kHz
Resolution Bandwidth 10kHz

30MHz ~ 1GHz

Sweep Speed Auto
Detector PK
Resolution Bandwidth 100kHz
Video Bandwidth 300kHz

Above 1GHz

Sweep Speed Auto
Detector PK
Resolution Bandwidth 1MHz
Video Bandwidth 3MHz
Detector Ave.
Resolution Bandwidth 1MHz
Video Bandwidth 10Hz

5.4 Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. The spectrum was investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. In the frequency above 1GHz, Place the measurement antenna 3m away from the EUT for each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.



5.5 Summary of Test Results

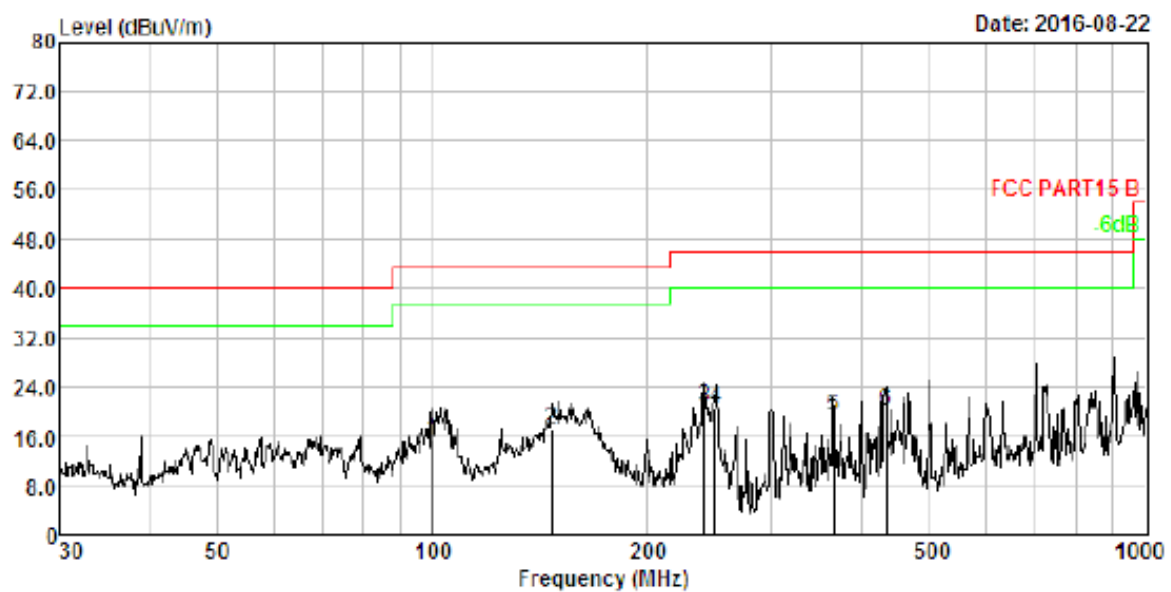
Test Frequency: Below 30MHz

The measurements were more than 20 dB below the limit and not reported.

Test Frequency: 30MHz ~ 1GHz

All applicable test modes have been tested and only the worst case (BLE TX in middle channel) is recorded.

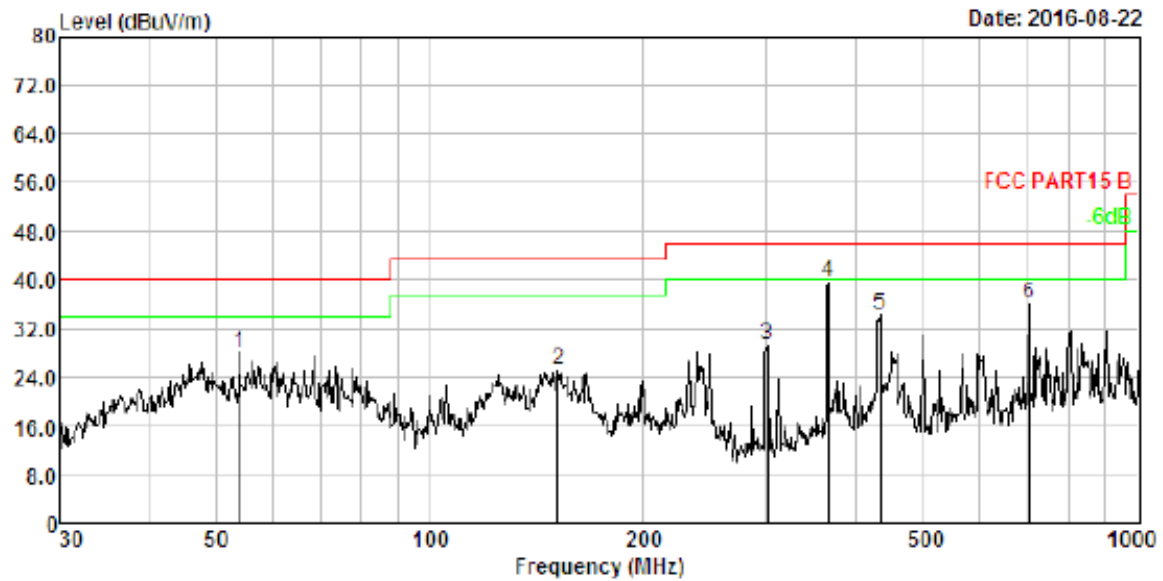
Antenna Polarization: Horizontal



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamplifier Factor dB	Emission Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark
1.	99.878	2.14	10.23	33.33	30.39	15.31	43.50	-28.19	QP
2.	147.404	2.50	13.76	31.38	30.52	17.12	43.50	-26.38	QP
3.	241.676	2.94	11.75	36.56	30.70	20.55	46.00	-25.45	QP
4.	250.301	2.98	11.93	36.24	30.71	20.44	46.00	-25.56	QP
5.	366.823	3.32	14.56	32.21	30.84	19.25	46.00	-26.75	QP
6.	434.065	3.47	16.06	31.33	30.90	19.96	46.00	-26.04	QP



Antenna Polarization: Vertical



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark
1.	53.693	1.58	11.99	44.65	30.17	28.05	40.00	-11.95	QP
2.	152.130	2.53	13.90	39.20	30.53	25.10	43.50	-18.40	QP
3.	300.367	3.14	13.20	43.63	30.77	29.20	46.00	-16.80	QP
4.	366.823	3.32	14.56	52.46	30.84	39.50	46.00	-6.50	QP
5.	434.065	3.47	16.06	45.58	30.90	34.21	46.00	-11.79	QP
6.	701.761	3.91	20.17	42.91	31.07	35.92	46.00	-10.08	QP

**Test Frequency: 1GHz ~ 18GHz**

Frequency (MHz)	Meter Reading (dBμV)	Amplifier (dB)	Loss (dB)	Antenna Factor (dB/m)	Orrected Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
3265.26	50.09	44.70	6.70	28.20	-9.80	40.29	74.00	-33.71	PK
3265.26	40.09	44.70	6.70	28.20	-9.80	30.29	54.00	-23.71	AV
4803.93	60.41	44.20	9.04	31.60	-3.56	56.85	74.00	-17.15	PK
4803.93	50.39	44.20	9.04	31.60	-3.56	46.83	54.00	-7.17	AV
7206.29	52.79	43.50	11.40	35.50	3.40	56.19	74.00	-17.81	PK
7206.29	44.78	43.50	11.40	35.50	3.40	48.18	54.00	-5.82	AV

Frequency (MHz)	Meter Reading (dBμV)	Amplifier (dB)	Loss (dB)	Antenna Factor (dB/m)	Orrected Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
3265.17	50.05	44.70	6.70	28.20	-9.80	40.25	74.00	-33.75	PK
3265.17	40.02	44.70	6.70	28.20	-9.80	30.22	54.00	-23.78	AV
4882.80	60.32	44.20	9.04	31.60	-3.56	56.76	74.00	-17.24	PK
4882.80	50.29	44.20	9.04	31.60	-3.56	46.73	54.00	-7.27	AV
7320.20	52.70	43.50	11.40	35.50	3.40	56.10	74.00	-17.90	PK
7320.20	44.65	43.50	11.40	35.50	3.40	48.05	54.00	-5.95	AV

Frequency (MHz)	Meter Reading (dBμV)	Amplifier (dB)	Loss (dB)	Antenna Factor (dB/m)	Orrected Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
3265.16	50.05	44.70	6.70	28.20	-9.80	40.25	74.00	-33.75	PK
3265.16	40.03	44.70	6.70	28.20	-9.80	30.23	54.00	-23.77	AV
4960.83	60.32	44.20	9.04	31.60	-3.56	56.76	74.00	-17.24	PK
4960.83	50.31	44.20	9.04	31.60	-3.56	46.75	54.00	-7.25	AV
7440.16	52.74	43.50	11.40	35.50	3.40	56.14	74.00	-17.86	PK
7440.16	44.69	43.50	11.40	35.50	3.40	48.09	54.00	-5.91	AV

Radiated band edge:

Frequency (MHz)	Meter Reading (dBμV)	Amplifier (dB)	Loss (dB)	Antenna Factor (dB/m)	Corrected Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
2400.00	69.20	43.80	4.91	25.90	-12.99	56.21	74	-17.79	PK
2400.00	54.98	43.80	4.91	25.90	-12.99	41.99	54	-12.01	AV
2483.50	71.00	43.80	5.12	25.90	-12.78	58.22	74	-15.78	PK
2483.50	53.94	43.80	5.12	25.90	-12.78	41.16	54	-12.84	AV
2400.00	70.19	43.80	4.91	25.90	-12.99	57.20	74	-16.80	PK
2400.00	54.05	43.80	4.91	25.90	-12.99	41.06	54	-12.94	AV
2483.50	71.05	43.80	5.12	25.90	-12.78	58.27	74	-15.73	PK
2483.50	54.00	43.80	5.12	25.90	-12.78	41.22	54	-12.78	AV
2400.00	69.16	43.80	4.91	25.90	-12.99	56.17	74	-17.83	PK
2400.00	54.99	43.80	4.91	25.90	-12.99	42.00	54	-12.00	AV
2483.50	70.97	43.80	5.12	25.90	-12.78	58.19	74	-15.81	PK
2483.50	53.99	43.80	5.12	25.90	-12.78	41.21	54	-12.79	AV

Test Frequency :18-25GHz

The measurements were more than 20 dB below the limit and not reported

Note: Both horizontal polarization and vertical polarization of antenna have been tested, Only record worst case data(horizontal polarization).

6 Conducted Spurious Emission

Test Requirement : FCC CFR47 Part 15 Section 15.247
 Test Method : ANSI C63.10:2013,KDB 558074 D01 DTS MEAS GUIDANCE V03R05
 Test Limit : Regulation 15.247 (d),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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

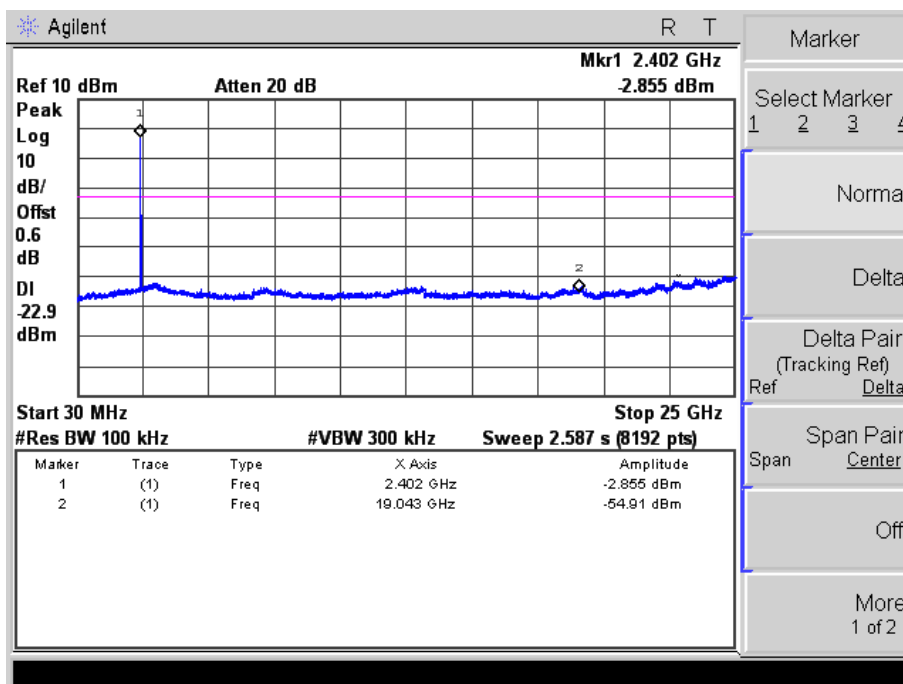
Test Mode : Refer to section 3.3

6.1 Test Procedure

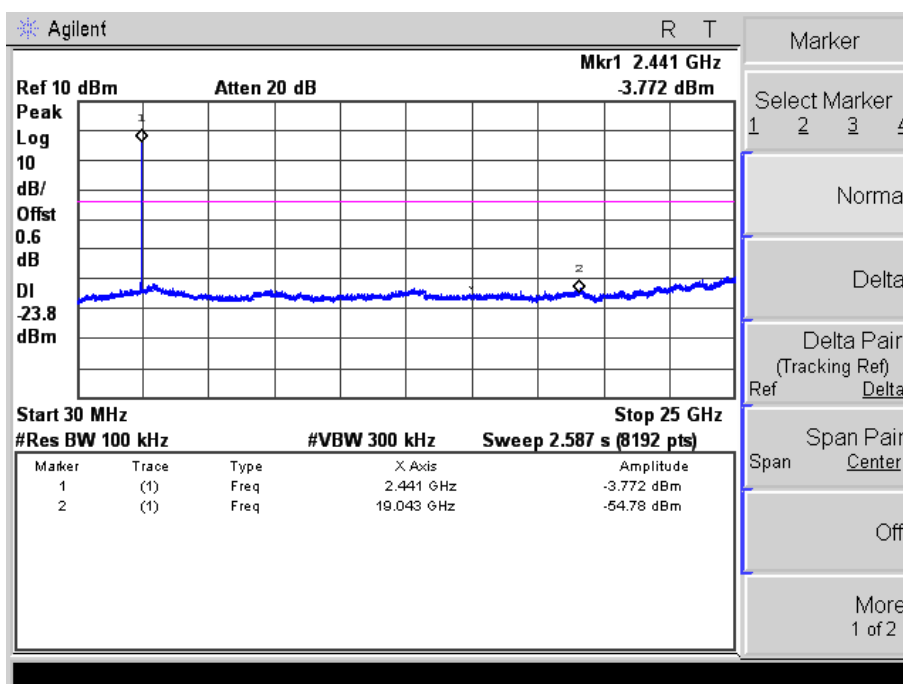
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
2. Set the spectrum analyzer: RBW = 100kHz, VBW = 300kHz, Sweep = auto
 Detector function = peak, Trace = max hold

6.2 Test Result

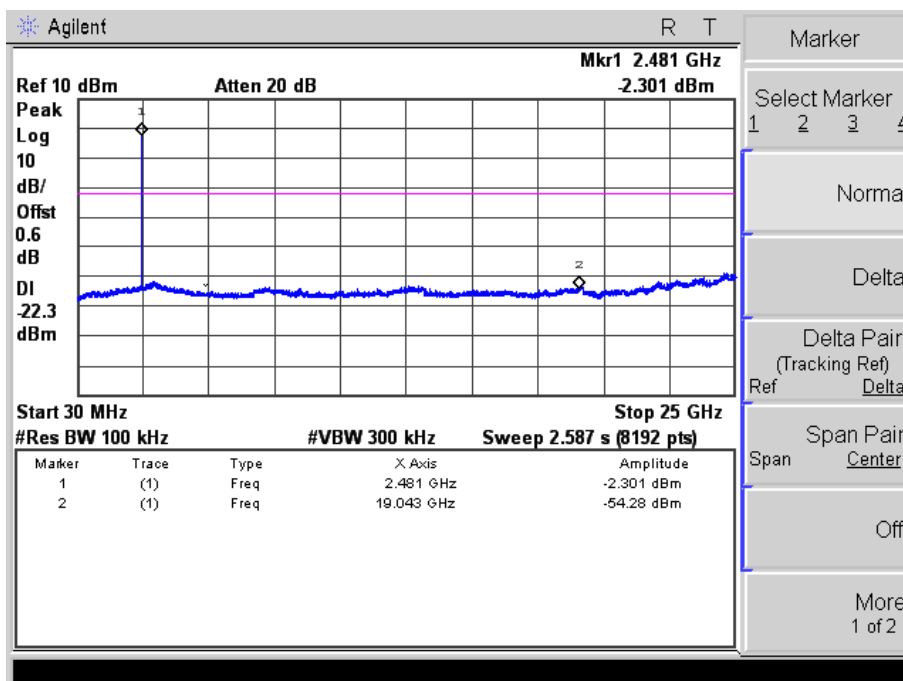
BLE Low Channel



BLE Middle Channel



BLE High Channel



7 Band Edge Measurement

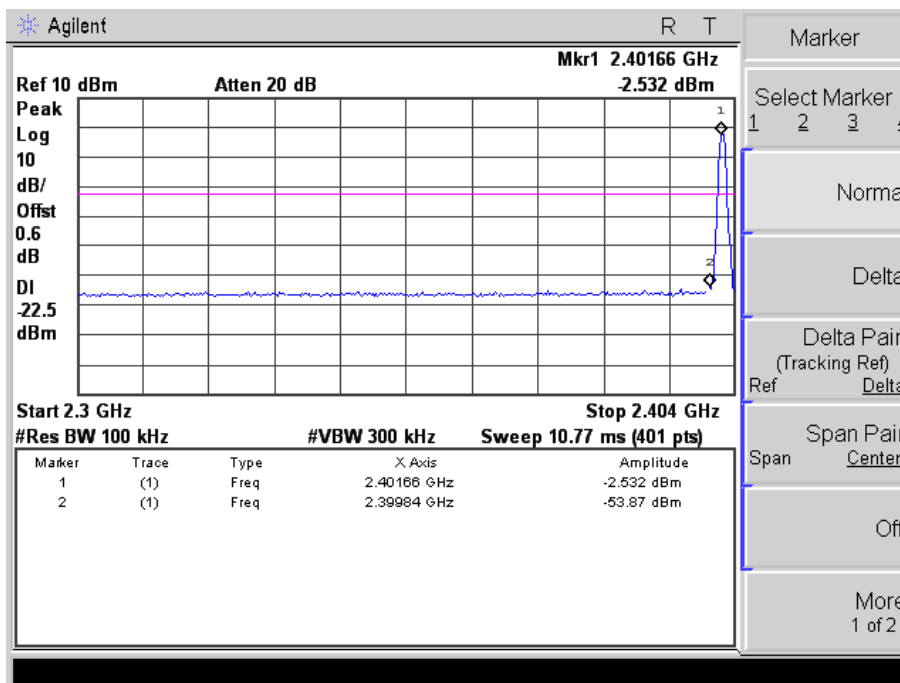
Test Requirement	: Section 15.247(d) In addition, radiated emissions which fall in the restricted bands. as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).
Test Method	: ANSI C63.10:2013,KDB 558074 D01 DTS MEAS GUIDANCE V03R05
Test Limit	: Regulation 15.247 (d),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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).
Test Mode	: Refer to section 3.3

7.1 Test Procedure

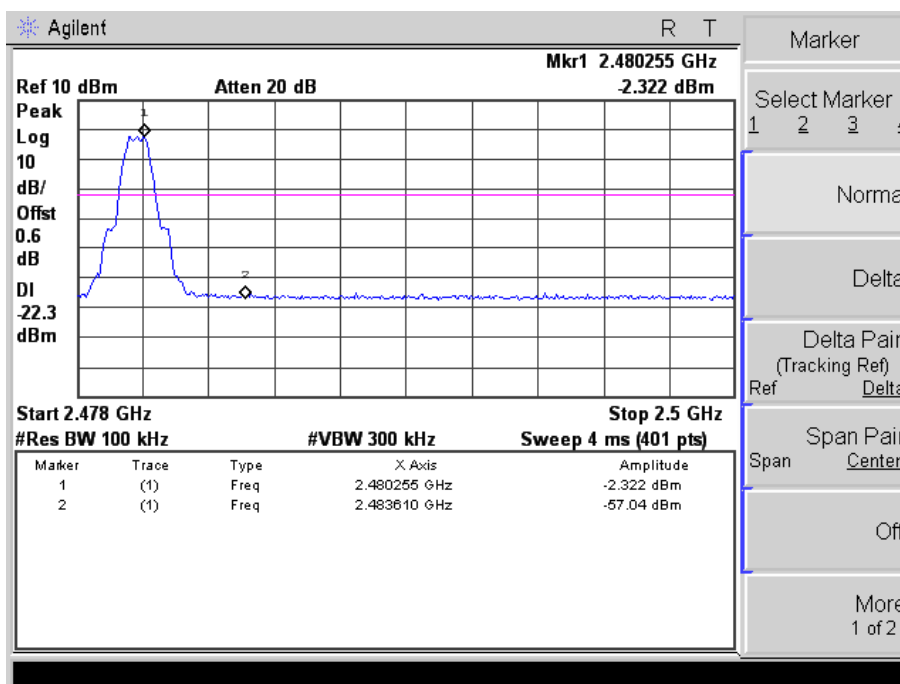
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
 2. Set the spectrum analyzer: RBW = 100kHz, VBW = 300kHz, Sweep = auto
- Detector function = peak, Trace = max hold

7.2 Test Result

GFSK Band edge-left side



GFSK Band edge-right side



8 6dB Bandwidth Measurement

Test Requirement	: FCC CFR47 Part 15 Section 15.247
Test Method	: ANSI C63.10:2013, KDB 558074 D01 DTS MEAS GUIDANCE V03R05
Test Limit	Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Mode	: Refer to section 3.3

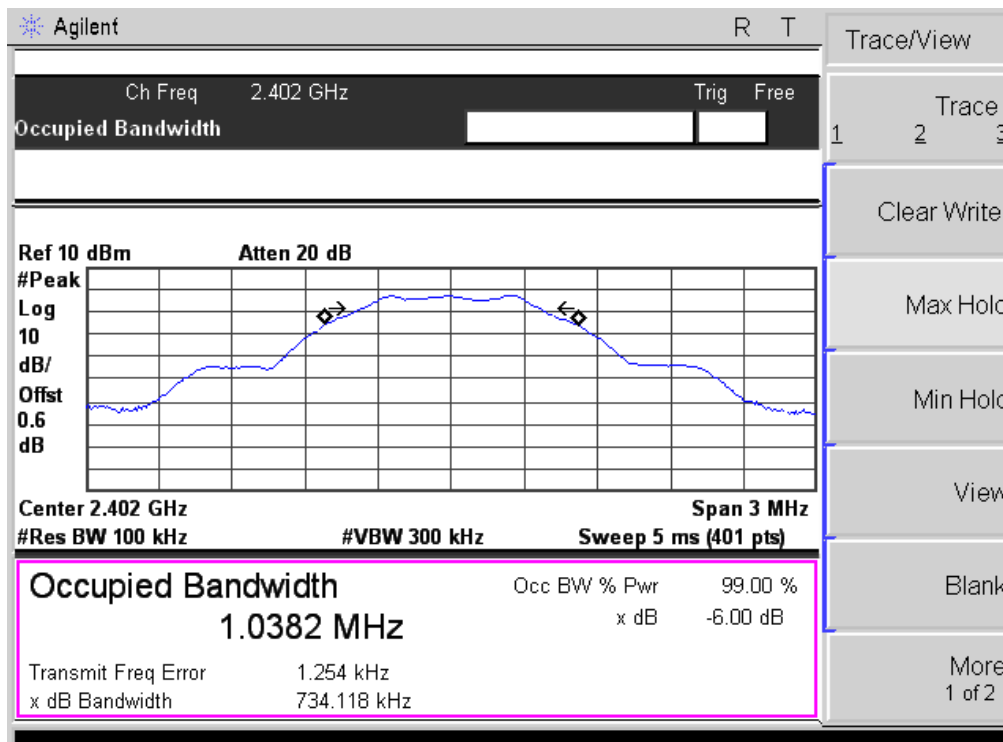
8.1 Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
2. Set the spectrum analyzer: For BLE, RBW = 100 kHz, VBW = 300kHz, For WIFI, RBW = 100kHz, VBW = 300kHz,

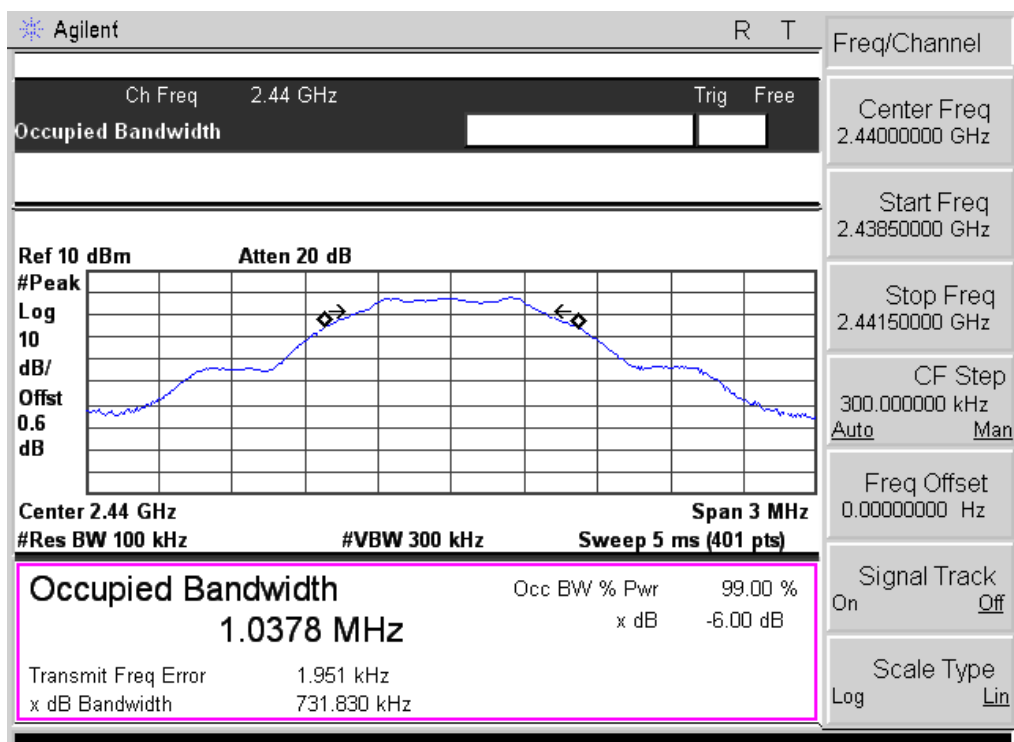
8.2 Test Result

Modulation	Bandwidth(MHz)			Limit
	Low Channel	Middle Channel	High Channel	
GFSK(BLE)	0.734	0.731	0.731	≥500kHz

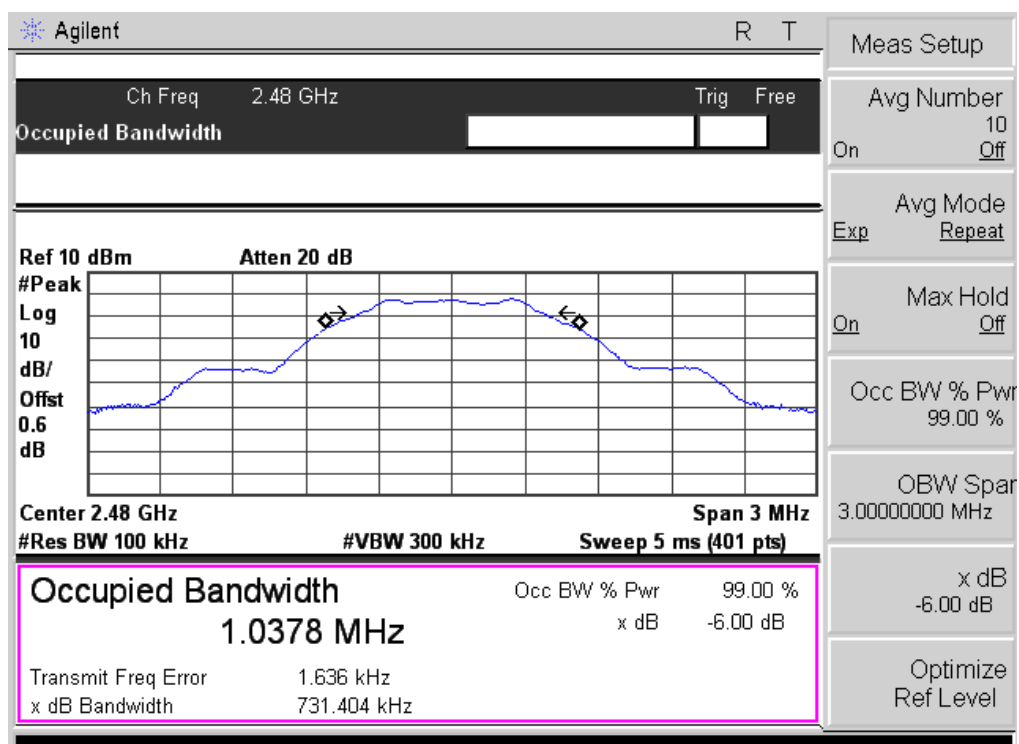
GFSK(BLE) Low Channel



GFSK(BLE) Middle Channel



GFSK(BLE) High Channel



9 Maximum Peak Output Power

Test Requirement	: FCC CFR47 Part 15 Section 15.247
Test Method	: ANSI C63.10:2013, KDB 558074 D01 DTS MEAS GUIDANCE V03R05
Test Limit	: Regulation 15.247 (b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power.
Test Mode	: Refer to section 3.3

9.1 Test Procedure

KDB 558074 D01 DTS Meas Guidance V03R05

section 9.1.1 (For BLE)

This procedure shall be used when the measurement instrument has available a resolution bandwidth that is greater than the DTS bandwidth.

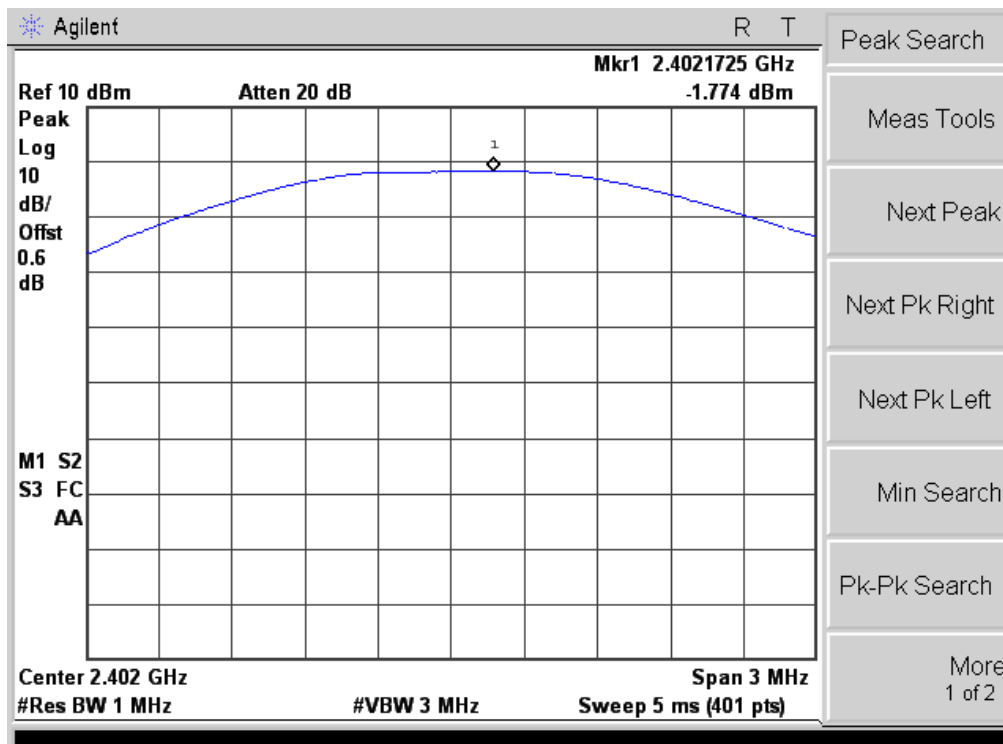
Remove the antenna from the EUT and connect a low RF cable from the antenna port to the spectrum.

- a) Set the RBW $\geq$ DTS bandwidth.
- b) Set VBW $\geq$ 3 RBW.
- c) Set span $\geq$ 3 x RBW
- d) Sweep time = auto couple.
- e) Detector = peak.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.

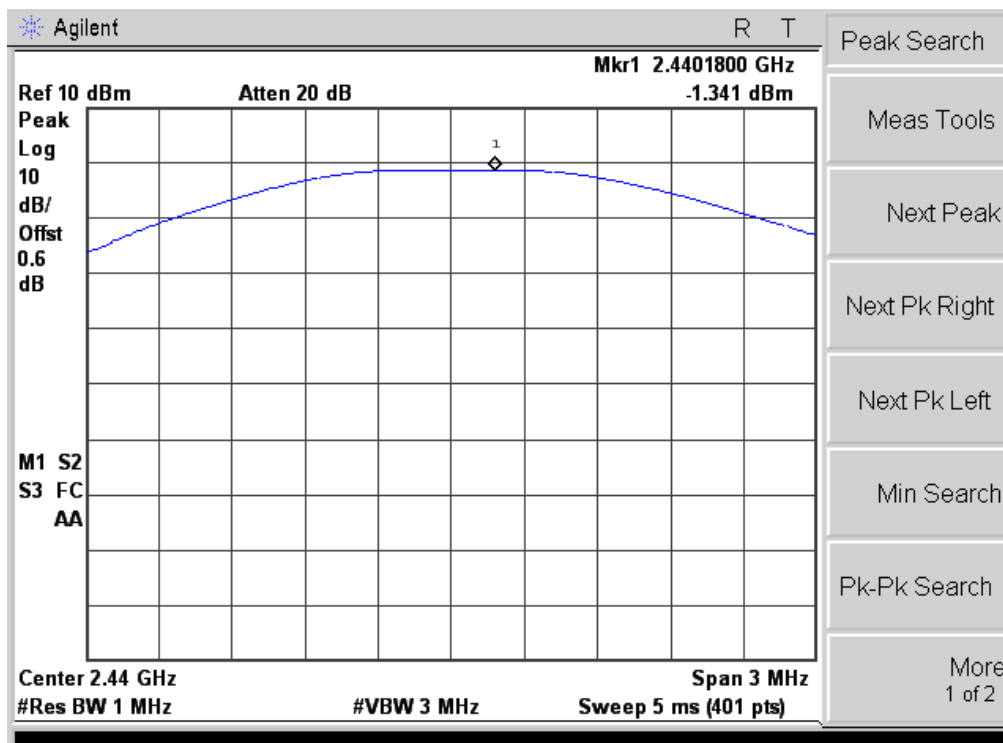
9.2 Test Result

Modulation	Maximum Peak Output Power (dBm)			Limit
	Low Channel	Middle Channel	High Channel	
GFSK(BLE)	-1.774	-1.341	-1.396	1W(30dBm)

GFSK(BLE) Low Channel

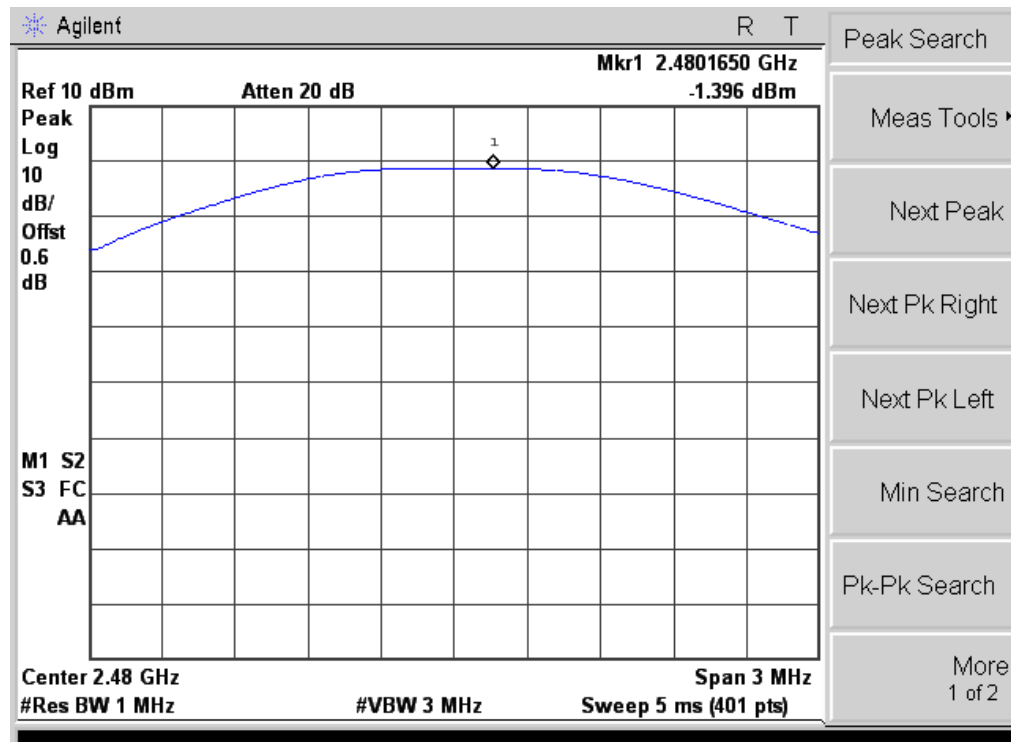


GFSK(BLE) Middle Channel





GFSK(BLE) High Channel



10 Power Spectral density

Test Requirement	: FCC CFR47 Part 15 Section 15.247
Test Method	: ANSI C63.10:2013, KDB 558074 D01 DTS MEAS GUIDANCE V03R05
Test Limit	: Regulation 15.247(f) The power spectral density conducted from the intentional radiator to the antenna due to the digital modulation operation of the hybrid system, with the frequency hopping operation turned off, shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.
Test Mode	: Refer to section 3.3

10.1 Test Procedure

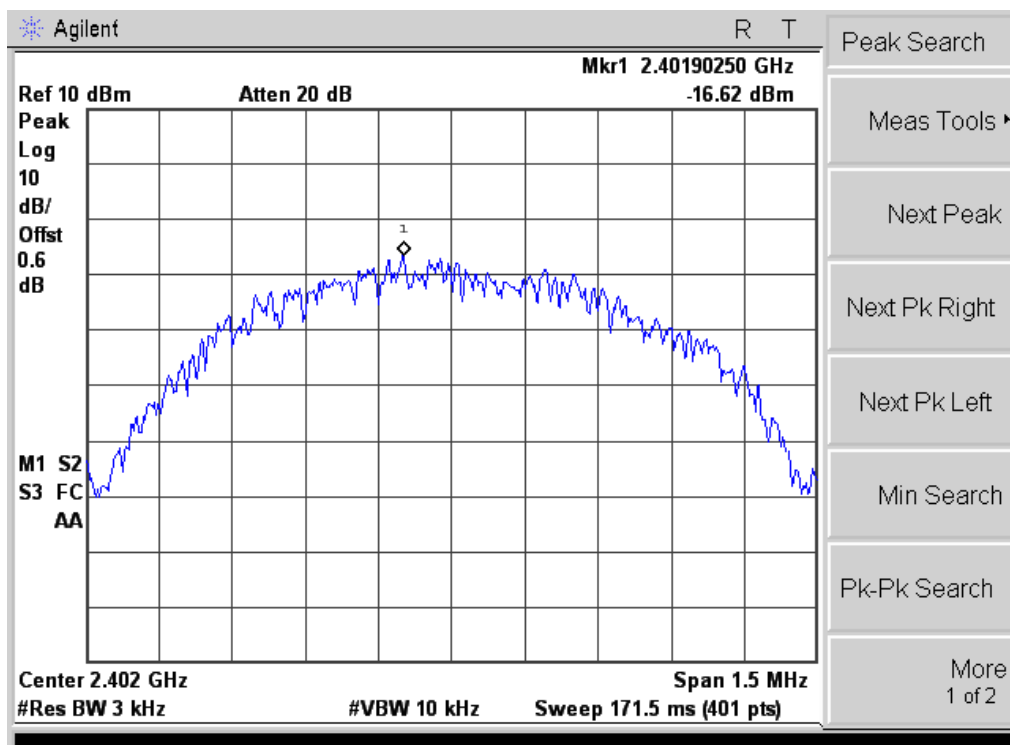
KDB 558074 D01 DTS Meas Guidance V03R05

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 3kHz. VBW = 10kHz , Span = 1.5 times the DTS channel bandwidth(6 dB bandwidth). Sweep = auto; Detector Function = Peak. Trace = Max hold.
3. Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section Submit this plot.

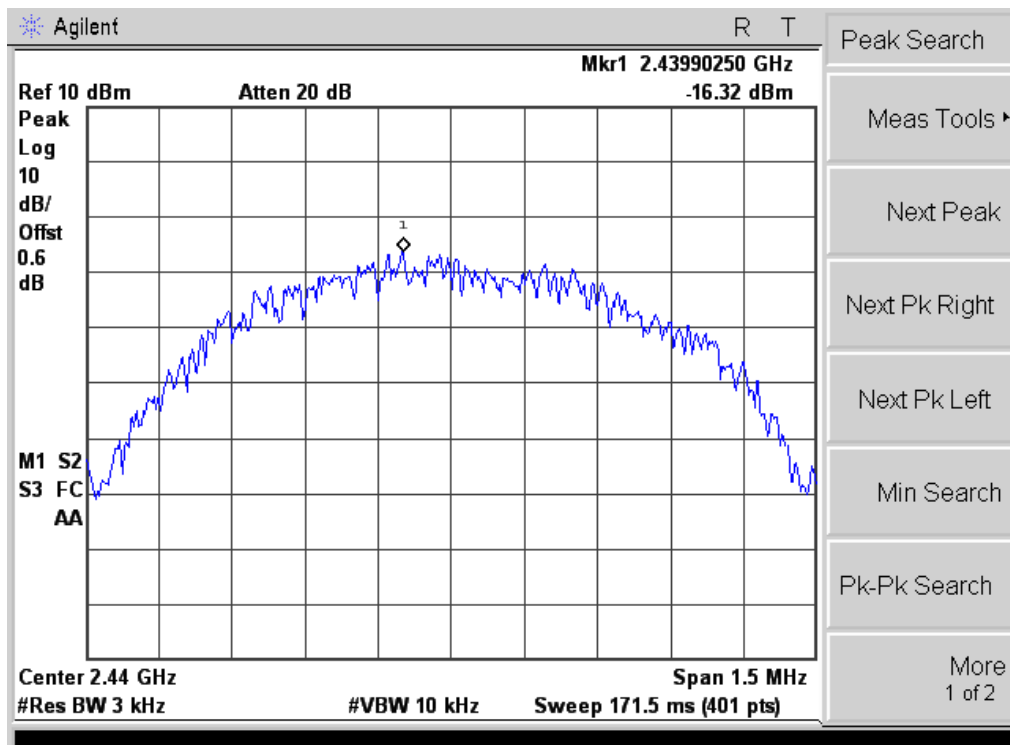
10.2 Test Result

Modulation	Power Spectral density (dBm/3kHz)			Limit
	Low Channel	Middle Channel	High Channel	
GFSK(BLE)	-16.62	-16.32	-16.23	8dBm/3kHz

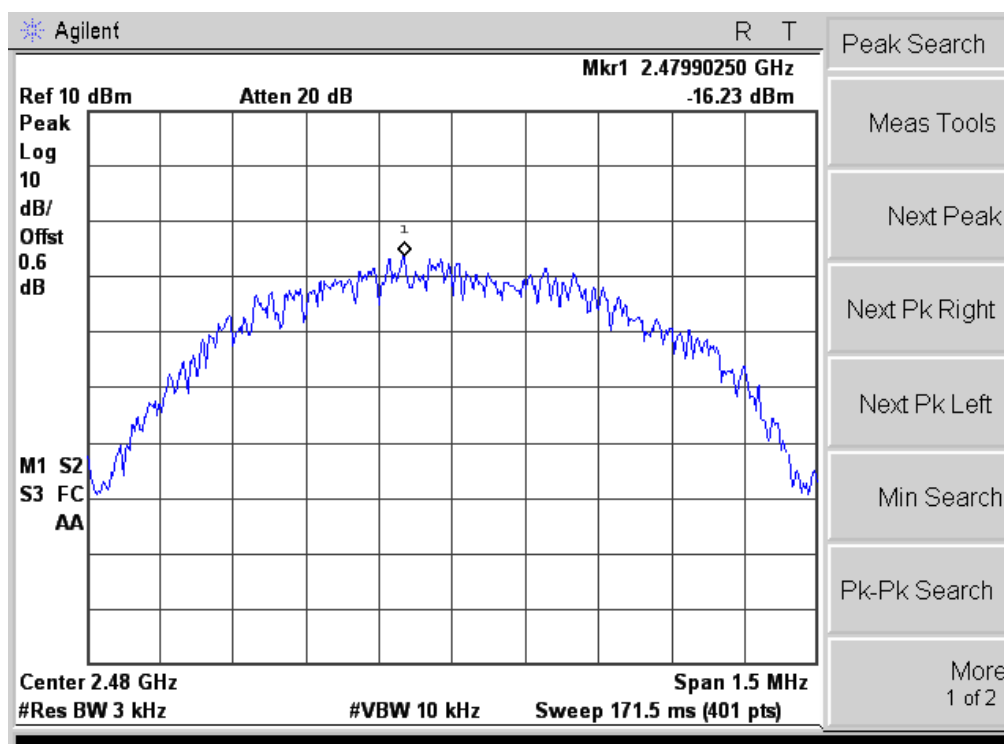
GFSK(BLE) Low Channel



GFSK(BLE) Middle Channel



GFSK(BLE) High Channel



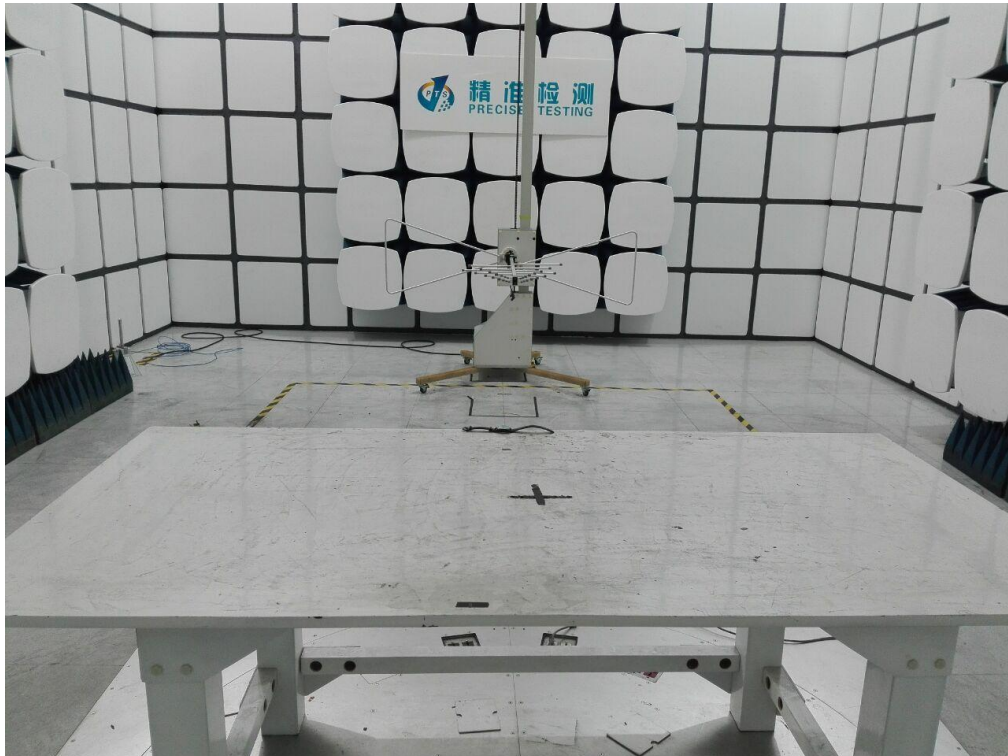


11 Antenna Requirement

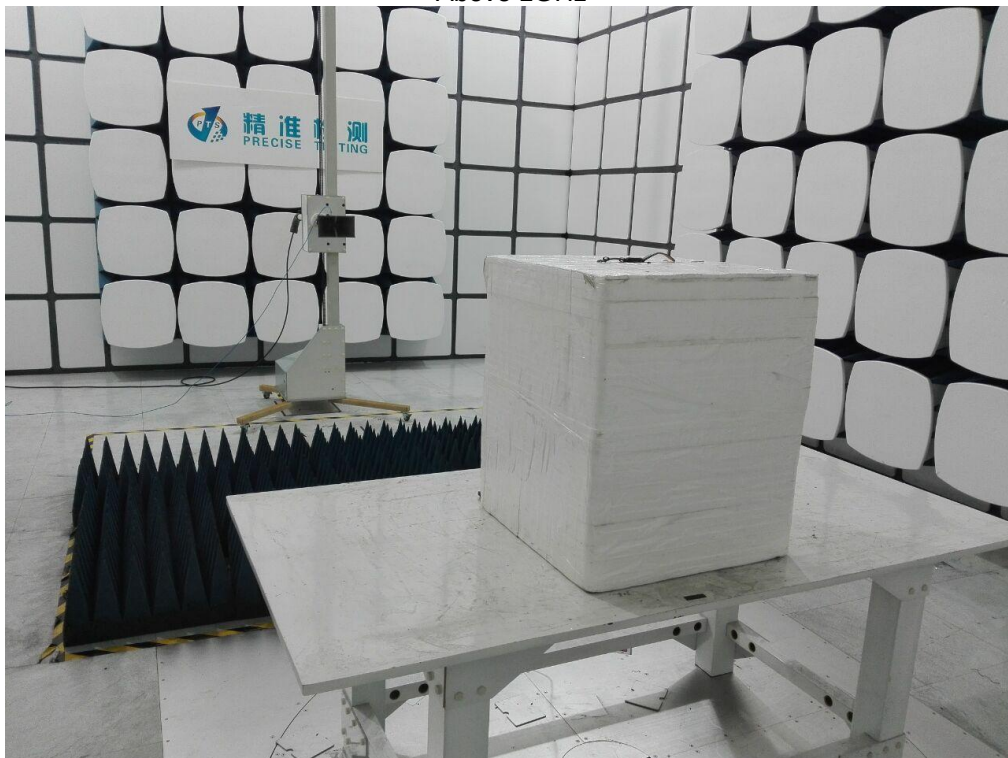
According to the FCC part15.203, a transmitter can only be sold or operated with antennas with which it was approved. This product has an internal permanent antenna which meet the requirement of this section.

12 Test Setup

Radiated Spurious Emissions From 30MHz-1000MHz



Above 1GHz

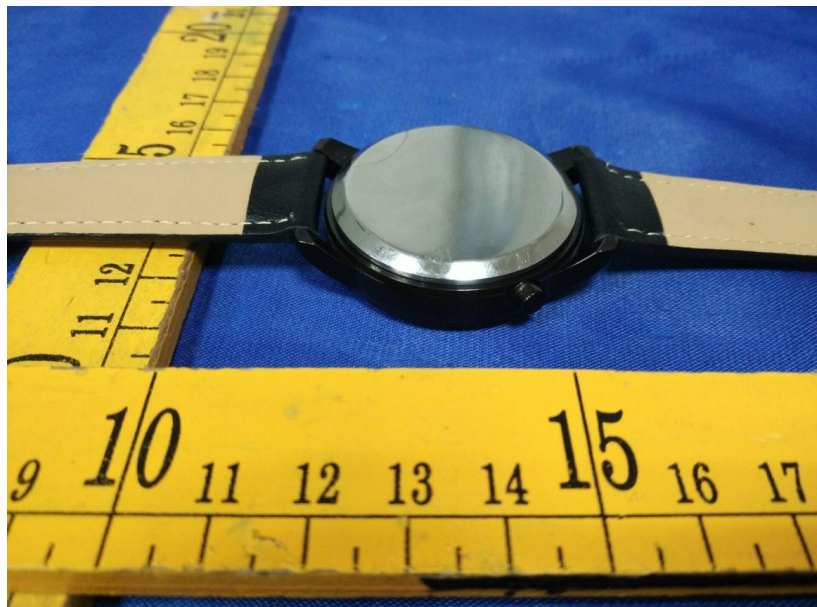


13 EUT Photos

External Photos

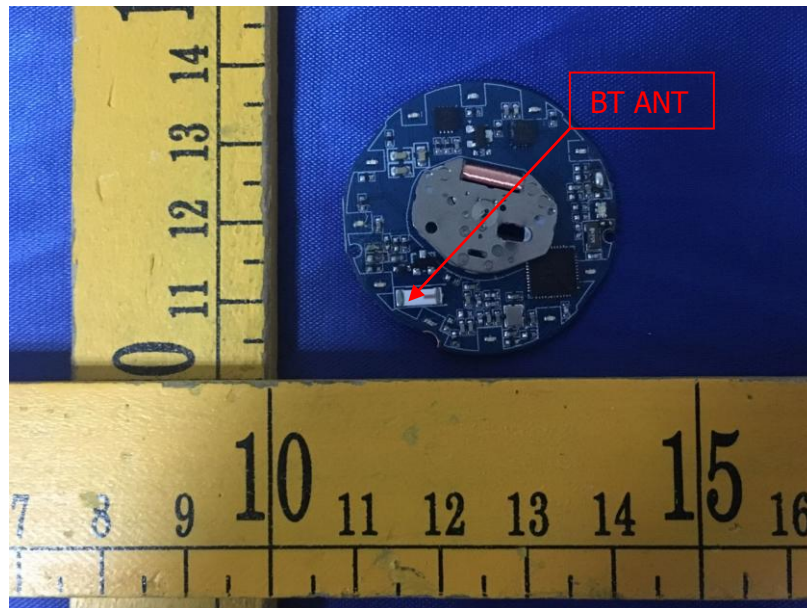






Internal Photos







*******THE END REPORT*******