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RADIO TEST REPORT FCC ID: 2BGXQ-RT06

Product: Bluetooth transmitter and receiver in one

Trade Mark: N/A

Model No.: RT06 Family Model: RT10, FM01, FM02, FM03, RT16, RT08, RT18, RT20, RT21 Report No.: S24042900202002E Issue Date: Jun 25, 2024

Prepared for

Shenzhen Kemaida Electronic Technology Co., Ltd.

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1 TEST RESULT CERTIFICATION

Applicant's name:	Shenzhen Kemaida Electronic Technology Co., Ltd.
Address Room 1409C10, Building B, Zhongshen Garden, No. 2010 Caitia Road, Fushan Community, Futian Street, Futian District, Shenzh China	
Manufacturer's Name	Shenzhen Kemaida Electronic Technology Co., Ltd.
Address Room 1409C10, Building B, Zhongshen Garden, No. 2010 Caitian Road, Fushan Community, Futian Street, Futian District, Shenzhe China	
Product description	
Product name:	Bluetooth transmitter and receiver in one
Trade Mark	N/A
Model and/or type reference:	RT06
Family Model	RT10, FM01, FM02, FM03, RT16, RT08, RT18, RT20, RT21
Test Sample number:	240429035
Date (s) of performance of tests	Apr 29, 2024 ~ Jun 25, 2024

Measurement Procedure Used:

APPLICABLE STANDARDS

APPLICABLE STANDARD/ TEST PROCEDURE	TEST RESULT
FCC 47 CFR Part 2, Subpart J	
FCC 47 CFR Part 15, Subpart C	Complied
ANSI C63.10-2013	Complied
KDB 558074 D01 15.247 Meas Guidance v05r02	

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., 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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The test results of this report relate only to the tested sample identified in this report.

Reviewed : ______ Aaron Cheng Approved : ______ Approved : _______ Approved : _______ Approved : _______ Approved : ____ Prepared By - Joe Yan Alex Li (Project Engineer) (Supervisor) (Manager)

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SUMMARY OF TEST RESULTS 2

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FCC Part15 (15.247), Subpart C								
Standard Section Test Item Verdict Remark								
15.207	Conducted Emission	PASS						
15.247 (a)(2)	6dB Bandwidth	PASS						
15.247 (b) Peak Output Power PASS								
15.209 (a) 15.205 (a)	Radiated Spurious Emission	PASS						
15.247 (e)	Power Spectral Density	PASS						
15.247 (d)	Band Edge Emission	PASS						
15.247 (d) Spurious RF Conducted Emission PASS								
15.203	Antenna Requirement	PASS						

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Remark:

 "N/A" denotes test is not applicable in this Test Report.
 All test items were verified and recorded according to the standards and without any deviation during the test.





3 FACILITIES AND ACCREDITATIONS

3.1 FACILITIES

All measurement facilities used to collect the measurement data are located at 1&5/F, Building C, 1&2/F, Building E, Fenda Science Park, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen ,Guangdong, China The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

3.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description		
CNAS-Lab.	: The Certificate Registration Number is L5516.	
IC-Registration	The Certificate Registration Number is 9270A.	
	CAB identifier:CN0074	
FCC- Accredited	Test Firm Registration Number: 463705.	
	Designation Number: CN1184	
A2LA-Lab.	The Certificate Registration Number is 4298.01	
	This laboratory is accredited in accordance with the recognized	
	International Standard ISO/IEC 17025:2005 General requirements for	or
	the competence of testing and calibration laboratories.	
	This accreditation demonstrates technical competence for a defined	
	scope and the operation of a laboratory quality management system	
	(refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).	
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.	
Site Location	: 1&5/F, Building C, 1&2/F, Building E, Fenda Science Park, Sanwei	
	Community, Hangcheng Street, Baoan District, Shenzhen, Guangdor	ıg,
	China	

3.3 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	Uncertainty
1	Conducted Emission Test	±2.80dB
2	RF power, conducted	±0.16dB
3	Spurious emissions, conducted	±0.21dB
4	All emissions, radiated(30MHz~1GHz)	±2.64dB
5	All emissions, radiated(1GHz~6GHz)	±2.40dB
6	All emissions, radiated(>6GHz)	±2.52dB
7	Temperature	±0.5°C
8	Humidity	±2%
9	All emissions, radiated(9KHz~30MHz)	±6dB
10	Occupied bandwidth	±4.7%

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4 GENERAL DESCRIPTION OF EUT

Product Feature and Specification				
Equipment Bluetooth transmitter and receiver in one				
Trade Mark	N/A			
FCC ID	2BGXQ-RT06			
Model No.	RT06			
Family Model	RT10, FM01, FM02, FM03, RT16, RT08, RT18, RT20, RT21			
Model Difference	Except for the appearance color, the circuits and RF modules of all models are the same.			
Operating Frequency	2402MHz~2480MHz			
Modulation	GFSK			
Number of Channels	40 Channels			
Antenna Type	PCB Antenna			
Antenna Gain	1.9dBi			
Adapter	N/A			
Battery	DC 3.7V			
Power supply	DC 3.7V from battery or DC 5V from Typec port			
Hardware version:	V8			
Firmware version:	N/A			
Software version:	a79c-079e0fcd			

Note 1: Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.

Note 2: The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode.



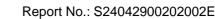
Revision History

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Revision history					
Report No.	Version	Description	Issued Date		
S24042900202002E	Rev.01	Initial issue of report	Jun 25, 2024		





5 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

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The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Those data rates (1Mbps/2Mbps for GFSK modulation) were used for all test.

The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement -X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Carrier Frequency and Channel list:

Frequency(MHz)
2402
2404
2440
2442
2478
2480

Note: fc=2402MHz+k×2MHz k=0 to 39

The following summary table is showing all test modes to demonstrate in compliance with the standard.

Test Cases			
Test Item	Data Rate/ Modulation		
AC Conducted Emission	Mode 1: normal link mode		
	Mode 1: normal link mode		
Radiated Test	Mode 2: Bluetooth Tx Ch00_2402MHz_1Mbps/ 2Mbps		
Cases	Mode 3: Bluetooth Tx Ch19_2440MHz_1Mbps/ 2Mbps		
	Mode 4: Bluetooth Tx Ch39_2480MHz_1Mbps/ 2Mbps		
Conducted Test	Mode 2: Bluetooth Tx Ch00_2402MHz_1Mbps/ 2Mbps		
Conducted Test Cases	Mode 3: Bluetooth Tx Ch19_2440MHz_1Mbps/ 2Mbps		
Cases	Mode 4: Bluetooth Tx Ch39_2480MHz_1Mbpss/2Mbps		

Note:

1. The engineering test program was provided and the EUT was programmed to be in continuously transmitting mode(duty cycle =100% during the test)

2. AC power line Conducted Emission was tested under maximum output power.

3. For radiated test cases, the worst mode data rate 2Mbps was reported only, because this data rate has the highest RF output power at preliminary tests, and no other significantly frequencies found in conducted spurious emission.

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SETUP OF EQUIPMENT UNDER TEST 6 **BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM** 6.1 For AC Conducted Emission Mode AC PLUG C-1 AE-1 E-1 Adapter FUT For Radiated Test Cases EUT For Conducted Test Cases C-2 Measurement ΕU Instrument 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.

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6.2 SUPPORT EQUIPMENT

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.

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Item	Equipment	Model/Type No.	Series No.	Note
AE-1	Adapter	N/A	N/A	Peripherals

Item	Cable Type	Shielded Type	Ferrite Core	Length
C-1	Type-C Cable	NO	NO	1.0m
C-2	RF Cable	YES	NO	0.1m

Notes:

- (1) The support equipment was authorized by Declaration of Confirmation.
- For detachable type I/O cable should be specified the length in cm in [Length] column. (2)
- "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core". (3)

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6.3 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation& Conducted Test equipment

	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Agilent	E4440A	MY41000130	2024.03.12	2025.03.11	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2024.04.26	2025.04.25	1 year
3	Spectrum Analyzer	R&S	FSV40	101417	2024.04.26	2025.04.25	1 year
4	Test Receiver	R&S	ESPI7	101318	2024.03.12	2025.03.11	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2024.03.11	2025.03.10	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	3 year
7	Horn Antenna	SCHWARZBE CK	BBHA 9120 D	2816	2023.01.12	2026.01.11	3 year
8	Broadband Horn Antenna	SCHWARZBE CK	BBHA 9170	803	2022.11.07	2025.11.06	3 year
9	Amplifier	EMC	EMC051835 SE	980246	2024.01.23	2025.01.22	1 year
10	Active Loop Antenna	SCHWARZBE CK	FMZB 1519 B	055	2023.11.03	2026.11.02	3 year
11	Power Meter	DARE	RPR3006W	15I00041SN 084	2024.04.25	2025.04.24	1 year
12	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2022.06.17	2025.06.16	3 year
13	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year
14	High Test Cable(1G-40G Hz)	N/A	R-03	N/A	2022.06.17	2025.06.16	3 year
15	Filter	TRILTHIC	2400MHz	29	2023.03.26	2026.03.25	3 year
16	temporary antenna connector (Note)	NTS	R001	N/A	N/A	N/A	N/A

Note:

We will use the temporary antenna connector (soldered on the PCB board) When conducted test And this temporary antenna connector is listed within the instrument list



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AC Co	AC Conduction Test equipment						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2024.03.12	2025.03.11	1 year
2	LISN	R&S	ENV216	101313	2024.03.12	2025.03.11	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2024.03.12	2025.03.11	1 year
4	50Ω Coaxial Switch	ANRITSU CORP	MP59B	6200983704	2023.05.06	2026.05.05	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2023.05.06	2026.05.05	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2023.05.06	2026.05.05	3 year

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Note: Each piece of equipment is scheduled for calibration once a year except the Aux Equipment & Test Cable which is scheduled for calibration every 2 or 3 years.

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7 TEST REQUIREMENTS

7.1 CONDUCTED EMISSIONS TEST

7.1.1 Applicable Standard

According to FCC Part 15.207(a)

7.1.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit		
Frequency(IVILIZ)	Quasi-peak	Average	
0.15-0.5	66-56*	56-46*	
0.5-5.0	56	46	
5.0-30.0	60	50	

Note: 1. *Decreases with the logarithm of the frequency

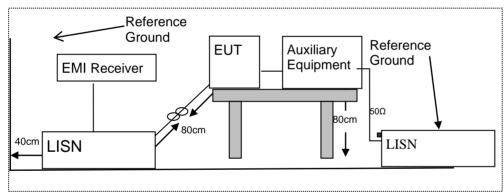
2. The lower limit shall apply at the transition frequencies

3. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

7.1.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.1.4 Test Configuration



7.1.5 Test Procedure

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room.
- 2. The EUT was placed on a table which is 0.8m above ground plane.
- 3. Connect EUT to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 4. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40cm long.
- 5. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 6. LISN at least 80 cm from nearest part of EUT chassis.
- 7. The frequency range from 150KHz to 30MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth(IF bandwidth=9KHz) with Maximum Hold Mode
- 9. For the actual test configuration, please refer to the related Item -EUT Test Photos.





7.1.6 Test Results

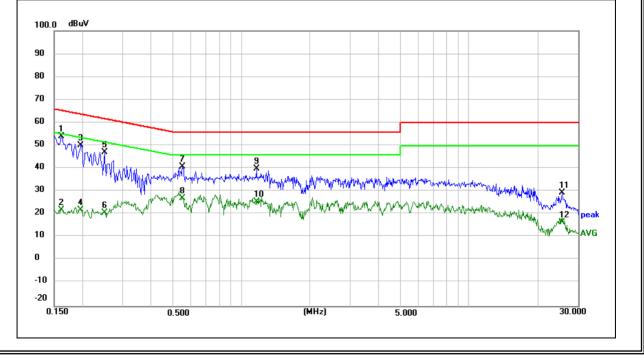
EUT:	Bluetooth transmitter and receiver in one	Model Name :	RT06
Temperature:	22 ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	L
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	
	<u> </u>				•	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
0.1620	44.17	9.95	54.12	65.36	-11.24	QP
0.1620	12.08	9.95	22.03	55.36	-33.33	AVG
0.1965	40.24	10.03	50.27	63.76	-13.49	QP
0.1965	11.88	10.03	21.91	53.76	-31.85	AVG
0.2500	37.03	10.14	47.17	61.76	-14.59	QP
0.2500	10.83	10.14	20.97	51.76	-30.79	AVG
0.5500	30.05	10.75	40.80	56.00	-15.20	AVG
0.5500	16.53	10.75	27.28	46.00	-18.72	QP
1.1620	28.08	11.98	40.06	56.00	-15.94	QP
1.1620	13.52	11.98	25.50	46.00	-20.50	AVG
25.5060	19.98	9.63	29.61	60.00	-30.39	AVG
25.5060	7.11	9.63	16.74	50.00	-33.26	QP

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.





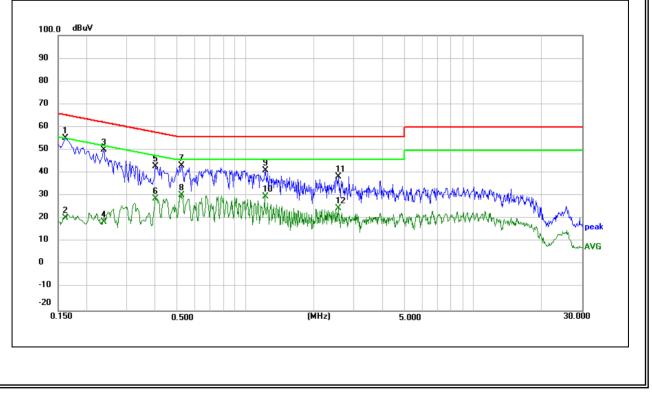


EUT:	Bluetooth transmitter and receiver in one	Model Name :	RT06
Temperature:	22 ℃	Relative Humidity:	57%
Pressure:	1010hPa	Phase :	N
Test Voltage :	DC 5V from Adapter AC 120V/60Hz	Test Mode:	Mode 1

Frequency	Reading Level	Correct Factor	Measure-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	Remark
0.1620	45.36	9.95	55.31	65.36	-10.05	QP
0.1620	10.51	9.95	20.46	55.36	-34.90	AVG
0.2380	40.10	10.12	50.22	62.17	-11.95	QP
0.2380	8.71	10.12	18.83	52.17	-33.34	AVG
0.4020	32.69	10.45	43.14	57.81	-14.67	QP
0.4020	18.47	10.45	28.92	47.81	-18.89	AVG
0.5220	32.65	10.69	43.34	56.00	-12.66	QP
0.5220	19.74	10.69	30.43	46.00	-15.57	AVG
1.2260	29.22	12.12	41.34	56.00	-14.66	AVG
1.2260	17.75	12.12	29.87	46.00	-16.13	QP
2.5660	28.71	9.67	38.38	56.00	-17.62	QP
2.5660	14.94	9.67	24.61	46.00	-21.39	AVG

Remark:

All readings are Quasi-Peak and Average values.
 Factor = Insertion Loss + Cable Loss.







7.2 **RADIATED SPURIOUS EMISSION**

7.2.1 Applicable Standard

According to FCC Part 15.247(d) and 15.209 and ANSI C63.10-2013

7.2.2 Conformance Limit

According to FCC Part 15.247(d): 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)). According to FCC Part15.205, Restricted bands

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MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
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	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			

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Restricted Frequency(MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Measurement Distance
0.009~0.490	2400/F(KHz)	20 log (uV/m)	300
0.490~1.705	24000/F(KHz)	20 log (uV/m)	30
1.705~30.0	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Limits of Radiated Emission Measurement(Above 1000MHz)

Eroguopov(MHz)	Class B (dBuV/m) (at 3M)		
Frequency(MHz)	PEAK	AVERAGE	
Above 1000	74	54	

Remark :1. Emission level in dBuV/m=20 log (uV/m)

2. Measurement was performed at an antenna to the closed point of EUT distance of meters.

3. For Frequency 9kHz~30MHz: Distance extrapolation factor =40log(Specific distance/ test distance)(dB); Limit line=Specific limits(dBuV) + distance extrapolation factor.

For Frequency above 30MHz: Distance extrapolation factor =20log(Specific distance/ test distance)(dB);



Limit line=Specific limits(dBuV) + distance extrapolation factor.

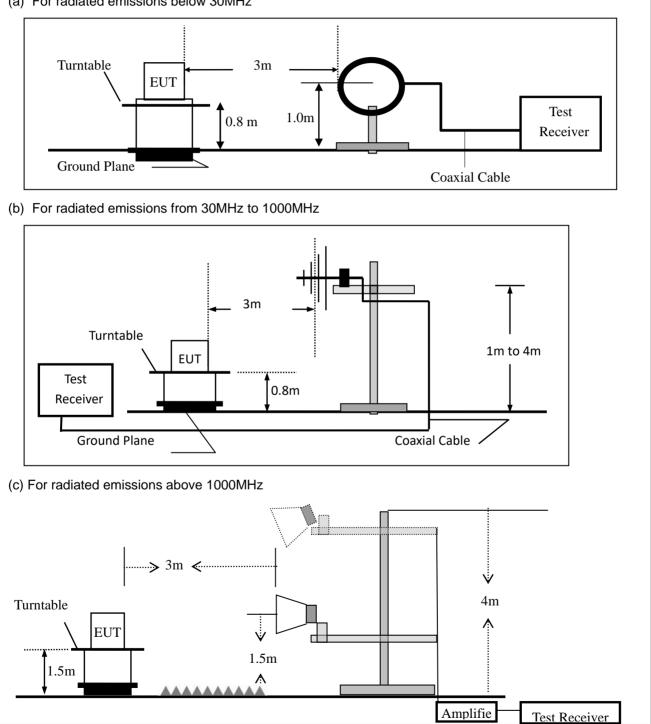
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7.2.3 **Measuring Instruments**

The Measuring equipment is listed in the section 6.3 of this test report.

Test Configuration 7.2.4

(a) For radiated emissions below 30MHz





7.2.5 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

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This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 1MHz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For the radiated emission test above 1GHz: Place the measurement antenna away from 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 may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. 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.
- e. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- f. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.
 Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported



During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

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Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth	
30 to 1000	QP	120 kHz	300 kHz	
Above 4000	Peak	1 MHz	1 MHz	
Above 1000	Average	1 MHz	1 MHz	

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] =10*lg(100 [kHz]/narrower RBW [kHz]). , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.2.6 Test Results

■ Spurious Emission below 30MHz (9KHz to 30MHz)

	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Lest Mode.	Mode1/Mode2/Mode3/ Mode4	Test By:	Joe Yan

Freq.	Ant.Pol.	Emission L	.evel(dBuV/m)	Limit 3	m(dBuV/m)	Over(dB)		
(MHz)	H/V	PK	AV	PK	AV	PK	AV	

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.



Spurious Emission below 1GHz (30MHz to 1GHz) All the modulation modes have been tested, and the worst result was report as below:

All the modulation	All the modulation modes have been tested, and the worst result was report as below.							
EUT:	Bluetooth transmitter and receiver in one	Model Name :	RT06					
Temperature:	25 ℃	Relative Humidity:	55%					
Pressure:	1010hPa	Test Mode:	GFSK CH39-2M					
Test Voltage :	DC 3.7V							

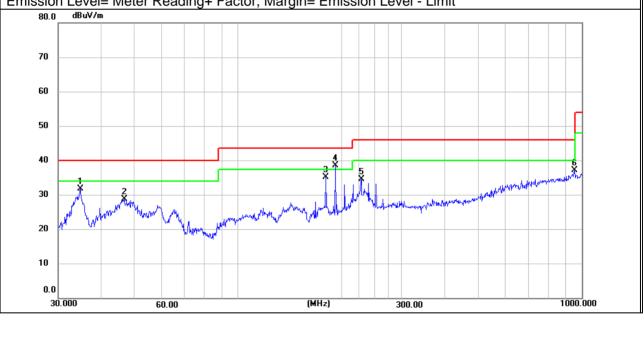
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Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark	
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)		
V	34.7601	14.07	17.69	31.76	40.00	-8.24	QP	
V	46.6662	9.40	19.45	28.85	40.00	-11.15	QP	
V	180.0164	19.24	15.96	35.20	43.50	-8.30	QP	
V	191.7450	21.88	16.76	38.64	43.50	-4.86	QP	
V	228.4901	15.82	18.84	34.66	46.00	-11.34	QP	
V	952.0937	6.19	31.03	37.22	46.00	-8.78	QP	

Remark:

Emission Level= Meter Reading+ Factor, Margin= Emission Level - Limit





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Polar	Frequency	Meter Reading	Lactor Limit		Limits	Margin	Remark	
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)		
Н	42.0065	6.55	19.00	25.55	40.00	-14.45	QP	
Н	119.8555	9.54	16.41	25.95	43.50	-17.55	QP	
Н	191.7450	21.88	16.76	38.64	43.50	-4.86	QP	
Н	204.2375	21.78	17.19	38.97	43.50	-4.53	QP	
Н	228.4901	16.72	18.84	35.56	46.00	-10.44	QP	
Н	942.1304	4.86	31.07	35.93	46.00	-10.07	QP	
80.0 70 - 60 - 50 - 40 - 30 - 20 -	dBuV/m → → → → → → → → →		HM & Warden and	3 4 5 5 1	Market Mar Market Market Marke	weither all there are a second and a second	×a	
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Spurious Emission Above 1GHz (1GHz to 25GHz)												
EUT:			transmitte			Model No.:			RT06			
Temperatu	emperature: 20 °C Relative H						dity:	4	8%			
Test Mode): 	Mode2/Mo	ode3/Mode	94	Tes	st By:		J	oe Yan			
Frequency	Read Level	Cable loss	Antenna Factor	Prear Facto		Emission Level	Limits	s	Margin	Remark	Comment	
(MHz)	(dBµV)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµV/i	′m)	(dB)			
			Low	Channel	(240)2 MHz)(GFSI	K)Above	ə 1	G			
4804	71.17	5.21	35.59	44.3	80	67.67	74.00	0	-6.33	Pk	Vertical	
4804	51.21	5.21	35.59	44.3	80	47.71	54.00	0	-6.29	AV	Vertical	
7206	69.90	6.48	36.27	44.6	60	68.05	74.00	0	-5.95	Pk	Vertical	
7206	49.62	6.48	36.27	44.6	60	47.77	54.00	0	-6.23	AV	Vertical	
4804	71.58	5.21	35.55	44.3	30	68.04	74.00		-5.96	Pk	Horizontal	
4804	51.65	5.21	35.55	44.3	80	48.11	54.00		-5.89	AV	Horizontal	
7206	68.97	6.48	36.27	44.5	52	67.20	74.00	0	-6.80	Pk	Horizontal	
7206	47.11	6.48	36.27	44.5	52	45.34	54.00		-8.66	AV	Horizontal	
Mid Channel (2440 MHz)(GFSK)Above 1G												
4880	70.95	5.21	35.66	44.2	20	67.62	74.00	0	-6.38	Pk	Vertical	
4880	48.93	5.21	35.66	44.2	20	45.60	54.00	0	-8.40	AV	Vertical	
7320	69.94	7.10	36.50	44.4	3	69.11	74.00	0	-4.89	Pk	Vertical	
7320	46.83	7.10	36.50	44.4	3	46.00	54.00	0	-8.00	AV	Vertical	
4880	70.99	5.21	35.66	44.2	20	67.66	74.00	0	-6.34	Pk	Horizontal	
4880	49.87	5.21	35.66	44.2	20	46.54	54.00	0	-7.46	AV	Horizontal	
7320	71.30	7.10	36.50	44.4	3	70.47	74.00	0	-3.53	Pk	Horizontal	
7320	47.20	7.10	36.50	44.4	3	46.37	54.00	0	-7.63	AV	Horizontal	
			High	Channel	(248	80 MHz)(GFSI	K) Above	e 1	IG			
4960	70.01	5.21	35.52	44.2	21	66.53	74.00	0	-7.47	Pk	Vertical	
4960	49.75	5.21	35.52	44.2	21	46.27	54.00	0	-7.73	AV	Vertical	
7440	71.15	7.10	36.53	44.6	60	70.18	74.00	0	-3.82	Pk	Vertical	
7440	47.97	7.10	36.53	44.6	60	47.00	54.00	0	-7.00	AV	Vertical	
4960	68.63	5.21	35.52	44.2	21	65.15	74.00	0	-8.85	Pk	Horizontal	
4960	46.21	5.21	35.52	44.2	21	42.73	54.00	0	-11.27	AV	Horizontal	
7440	70.12	7.10	36.53	44.6	60	69.15	74.00	0	-4.85	Pk	Horizontal	
7440	49.59	7.10	36.53	44.6	60	48.62	54.00	0	-5.38	AV	Horizontal	

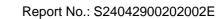
Note:

(1) Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor

(2)All other emissions more than 20dB below the limit.

(3)Only the worst data is recorded in the report, the data rates (2Mbps for GFSK modulation) test result is the worst

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Spurious						0MHz and	2483.	.5-250	00MHz		
EUT:	Bluetoo receive		nsmitter	and	Mode	el No.:		RT06			
Temperature	re: 20 °C Relative Humidity:							48%			
Test Mode:	Mode: Mode2/ Mode4 Test By:						Joe `	Ƴan			
Frequency	Meter Reading	Cable Loss	Antenna Factor		amp ctor	Emission Level	Lin	nits	Margin	Detector	Comment
(MHz)	(dBµV)	(dB)	dB/m	(0	βB)	(dBµV/m)	(dBµ	V/m)	(dB)	Туре	
2Mbps(GFSK)											
2310.00	68.54	2.97	27.80	43	8.80	55.51	7	4	-18.49	Pk	Horizontal
2310.00	46.64	2.97	27.80	43	8.80	33.61	5	4	-20.39	AV	Horizontal
2310.00	71.05	2.97	27.80	43	8.80	58.02	7	4	-15.98	Pk	Vertical
2310.00	48.50	2.97	27.80	43	8.80	35.47	5	4	-18.53	AV	Vertical
2390.00	71.20	3.14	27.21	43	8.80	57.75	7	4	-16.25	Pk	Vertical
2390.00	48.93	3.14	27.21	43	8.80	35.48	5	4	-18.52	AV	Vertical
2390.00	71.09	3.14	27.21	43	8.80	57.64	7	4	-16.36	Pk	Horizontal
2390.00	49.22	3.14	27.21	43	8.80	35.77	5	4	-18.23	AV	Horizontal
2483.50	68.79	3.58	27.70	44	.00	56.07	7	4	-17.93	Pk	Vertical
2483.50	48.40	3.58	27.70	44	.00	35.68	5	4	-18.32	AV	Vertical
2483.50	70.34	3.58	27.70	44	.00	57.62	7	4	-16.38	Pk	Horizontal
2483.50	48.71	3.58	27.70	44	.00	35.99	5	4	-18.01	AV	Horizontal

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Note: (1) All other emissions more than 20dB below the limit.

(2)Only the worst data is recorded in the report, the data rates (2Mbps for GFSK modulation) test result is the worst



■ Spurious	Spurious Emission in Restricted Band 3260MHz-18000MHz											
EUT:		lueto eceiv	ooth tra er in one	nsmitter a	and	Mode	l No.:		RT06			
Temperature	e: 20	0 ℃				Relati	ve Humidity	/:	48%			
Test Mode:	Μ	lode2	2/ Mode4	1		Test E	Зу:		Joe Y	an		
Frequency	Readi Leve	0	Cable Loss	Antenna Factor		eamp actor	Emission Level	Lir	nits	Margin	Detector	Comment
(MHz)	(dBµ'	V)	(dB)	dB/m	(dB)	(dBµV/m)	(dBµ	ıV/m)	(dB)	Туре	
3260	69.4	17	4.04	29.57	4	4.70	58.38 7		' 4	-15.62	Pk	Vertical
3260	48.6	60	4.04	29.57	4	4.70	37.51		54	-16.49	AV	Vertical
3260	70.4	40	4.04	29.57	4	4.70	59.31	7	' 4	-14.69	Pk	Horizontal
3260	49.0)7	4.04	29.57	4	4.70	37.98	5	54	-16.02	AV	Horizontal
3332	70.2	28	4.26	29.87	4	4.40	60.01	7	' 4	-13.99	Pk	Vertical
3332	45.4	1 0	4.26	29.87	4	4.40	35.13	5	54	-18.87	AV	Vertical
3332	70.2	24	4.26	29.87	4	4.40	59.97	7	' 4	-14.03	Pk	Horizontal
3332	48.3	36	4.26	29.87	4	4.40	38.09	5	54	-15.91	AV	Horizontal
17797	54.3	33	10.99	43.95	4	3.50	65.77	7	' 4	-8.23	Pk	Vertical
17797	40.7	74	10.99	43.95	4	3.50	52.18	5	54	-1.82	AV	Vertical
17788	51.1	4	11.81	43.69	4	4.60	62.04	7	' 4	-11.96	Pk	Horizontal
17788	34.1	9	11.81	43.69	4	4.60	45.09	5	54	-8.91	AV	Horizontal

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Note: (1) All other emissions more than 20dB below the limit.

(2)Only the worst data is recorded in the report, the data rates (2Mbps for GFSK modulation) test result is the worst



7.3 6DB BANDWIDTH

7.3.1 Applicable Standard

According to FCC Part 15.247(a)(2) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.2.

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7.3.2 Conformance Limit

The minimum permissible 6dB bandwidth is 500 kHz.

7.3.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.3.4 Test Setup

Please refer to Section 6.1 of this test report.

7.3.5 Test Procedure

The testing follows Subclause 11.8 of ANSI C63.10

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.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Use the following spectrum analyzer settings:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) \geq 3*RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.3.6 Test Results

EUT:	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Joe Yan



7.4 DUTY CYCLE

7.4.1 Applicable Standard

According to KDB 558074 D01 15.247 Meas Guidance v05r02s Section 6.

7.4.2 Conformance Limit

No limit requirement.

7.4.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.4.4 Test Setup

Please refer to Section 6.1 of this test report.

7.4.5 Test Procedure

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW \geq OBW if possible; otherwise, set RBW to the largest available value. Set VBW \geq RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T \leq 16.7 microseconds.)

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The transmitter output is connected to the Spectrum Analyzer. We tested accroding to the zero-span measurement method, 6.0)b) in KDB 558074

The largest available value of RBW is 8 MHz and VBW is 50 MHz. The zero-span method of measuring duty cycle shall not be used if $T \le 6.25$ microseconds. (50/6.25 = 8)

The zero-span method was used because all measured T data are > 6.25 microseconds and both RBW and VBW are > 50/T.

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. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Span = Zero Span RBW = 8MHz(the largest available value) VBW = 8MHz (\geq RBW) Number of points in Sweep >100 Detector function = peak Trace = Clear write Measure T_{total} and T_{on} Calculate Duty Cycle = T_{on} / T_{total}





7.4.6 Test Results

EUT:	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Joe Yan



7.5 PEAK OUTPUT POWER

7.5.1 Applicable Standard

According to FCC Part 15.247(b)(3) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.3.1.

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7.5.2 Conformance Limit

The maximum peak conducted output power of the intentional radiator for systems using digital modulation in the 2400 - 2483.5 MHz bands shall not exceed: 1 Watt (30dBm). If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

7.5.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.5.4 Test Setup

Please refer to Section 6.1 of this test report.

7.5.5 Test Procedure

The testing follows Subclause 11.9.1.1 of ANSI C63.10 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. Set to the maximum power setting and enable the EUT transmit continuously. The EUT was operating in controlled its channel. Use the following spectrum analyzer settings: Set the RBW \geq DTS bandwidth. Set VBW =3*RBW. Set the span \geq 3*RBW Set Sweep time = auto couple. Set Detector = peak. Set Trace mode = max hold. Allow trace to fully stabilize. Use peak marker function to determine the peak amplitude level.

7.5.6 Test Results

EUT:	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Joe Yan



7.6 POWER SPECTRAL DENSITY

7.6.1 Applicable Standard

According to FCC Part 15.247(e) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.4.

7.6.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.6.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.6.4 Test Setup

Please refer to Section 6.1 of this test report.

7.6.5 Test Procedure

The testing follows Measurement Procedure Subclause 11.10.2 of ANSI C63.10 This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance, and is optional if the maximum conducted (average) output power was used to demonstrate compliance.

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.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5*DTS bandwidth.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW \geq 3 RBW.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.





7.6.6 Test Results

	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode3/Mode4	Test By:	Joe Yan



7.7 CONDUCTED BAND EDGE MEASUREMENT

7.7.1 Applicable Standard

According to FCC Part 15.247(d) and KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

7.7.2 Conformance 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, 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.

7.7.3 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.7.4 Test Setup

Please refer to Section 6.1 of this test report.

7.7.5 Test Procedure

The testing follows FCC KDB 558074 D01 15.247 Meas Guidance v05r02 Section 8.7.

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.

Set to the maximum power setting and enable the EUT transmit continuously.

The EUT was operating in controlled its channel.

Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

Repeat above procedures until all measured frequencies were complete.

7.7.6 Test Results

EUT:	Bluetooth transmitter and receiver in one	Model No.:	RT06
Temperature:	20 ℃	Relative Humidity:	48%
Test Mode:	Mode2/Mode4	Test By:	Joe Yan





7.8 SPURIOUS RF CONDUCTED EMISSIONS

7.8.1 Conformance Limit

1. Below -20dB of the highest emission level in operating band.

2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

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7.8.2 Measuring Instruments

The Measuring equipment is listed in the section 6.3 of this test report.

7.8.3 Test Setup

Please refer to Section 6.1 of this test report.

7.8.4 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300KHz to measure the peak field strength , and measure frequency range from 30MHz to 26.5GHz.

7.8.5 Test Results

Remark: The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.





7.9 ANTENNA APPLICATION

7.9.1 Antenna Requirement

15.203 requirement: For intentional device, 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.

7.9.2 Result

The EUT antenna is permanent attached PCB antenna (Gain:1.9dBi). It comply with the standard requirement.





8 TEST RESULTS

8.1 **1M**

8.1.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	44.98	3.47	3.7
NVNT	BLE 1M	2440	Ant1	45.28	3.44	3.57
NVNT	BLE 1M	2480	Ant1	45.61	3.41	3.57

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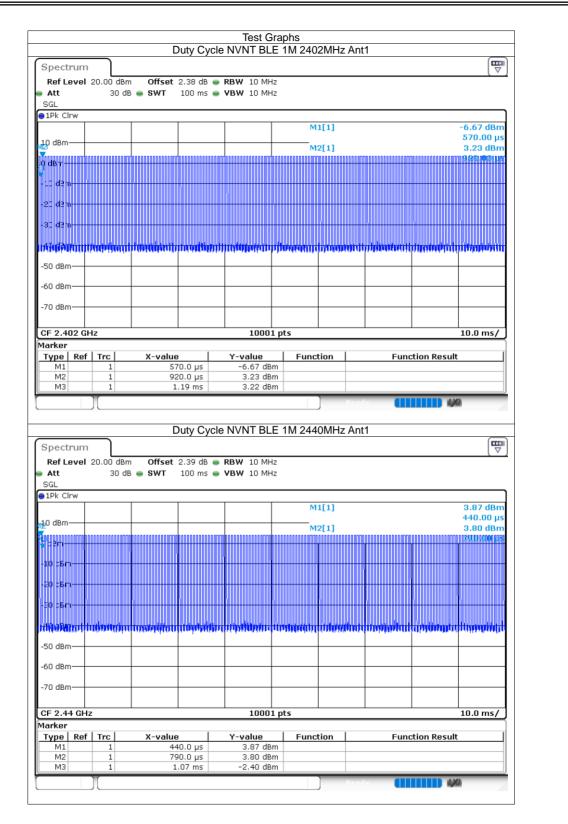


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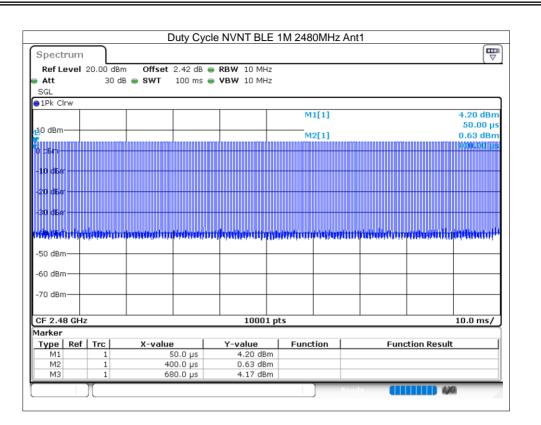
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8.1.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	3.26	30	Pass
NVNT	BLE 1M	2440	Ant1	3.93	30	Pass
NVNT	BLE 1M	2480	Ant1	4.24	30	Pass

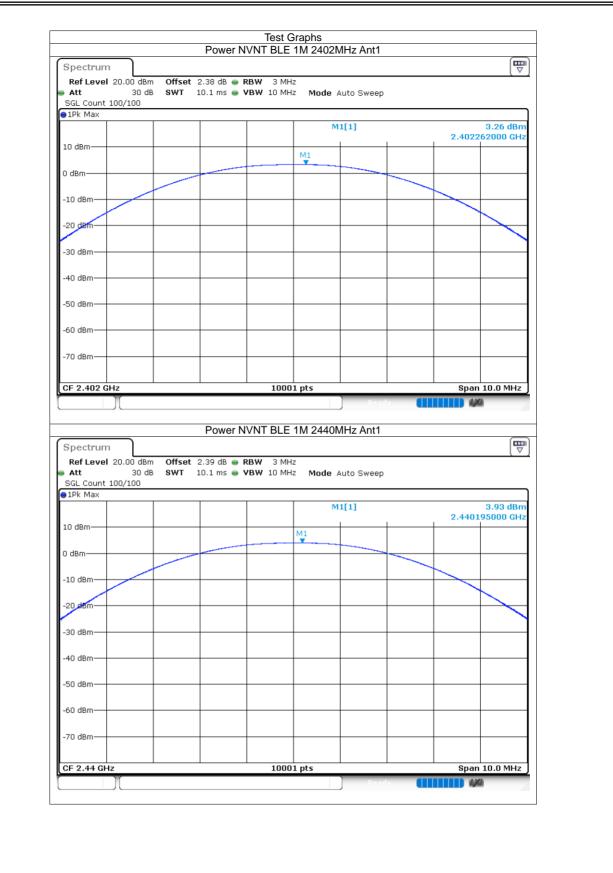
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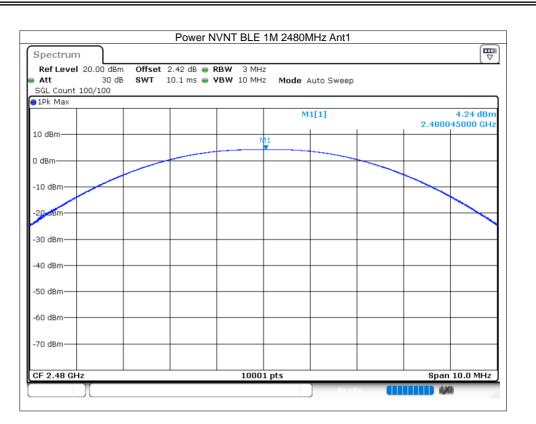
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8.1.3 -6dB Bandwidth

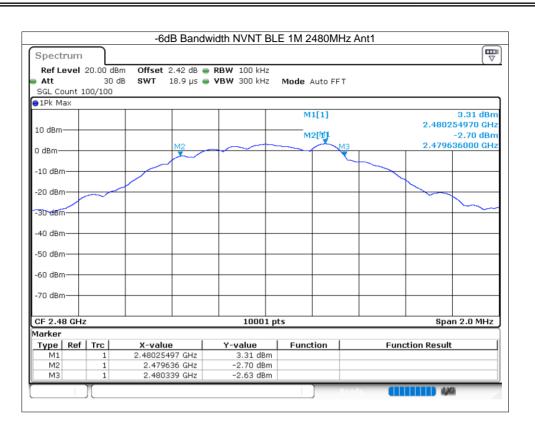
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.71	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.734	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.703	0.5	Pass





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8.1.4 Occupied Channel Bandwidth

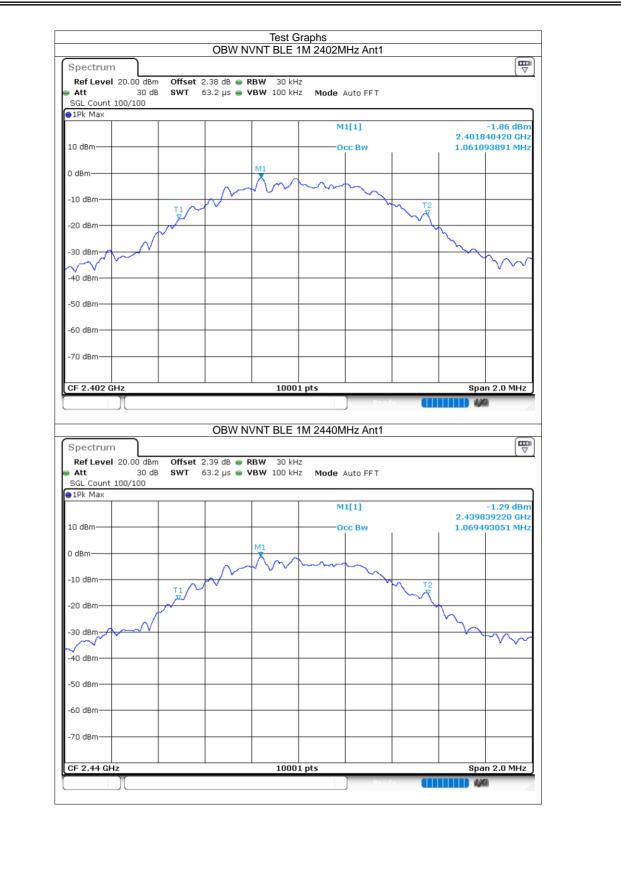
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.061
NVNT	BLE 1M	2440	Ant1	1.069
NVNT	BLE 1M	2480	Ant1	1.075



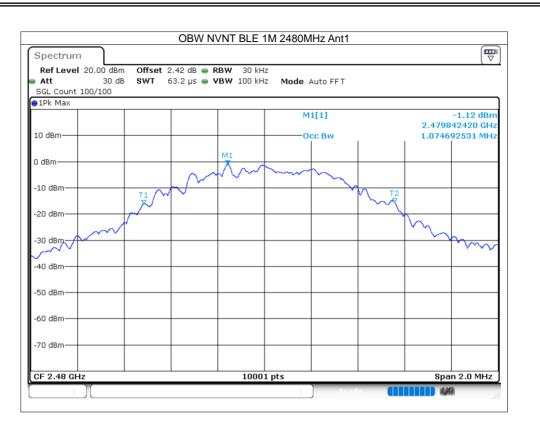
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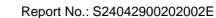






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8.1.5 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.31	8	Pass
NVNT	BLE 1M	2440	Ant1	-11.85	8	Pass
NVNT	BLE 1M	2480	Ant1	-11.8	8	Pass

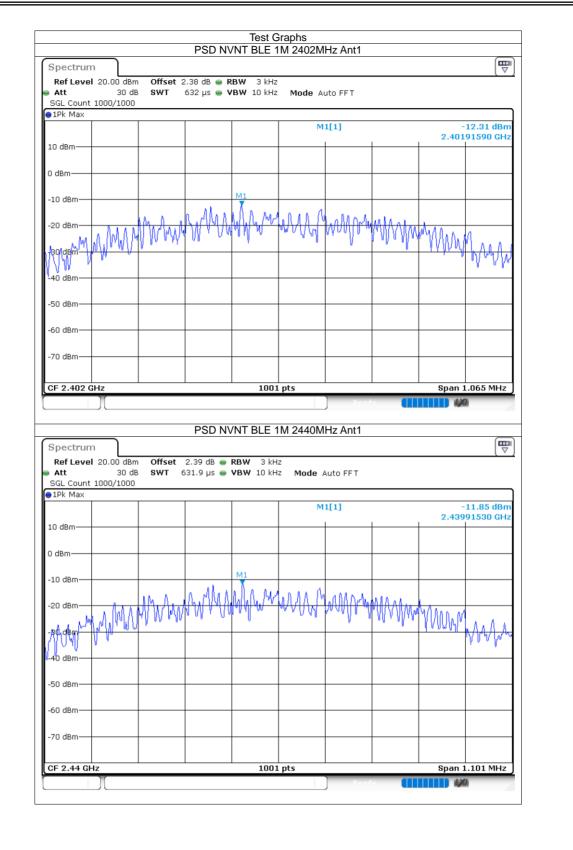
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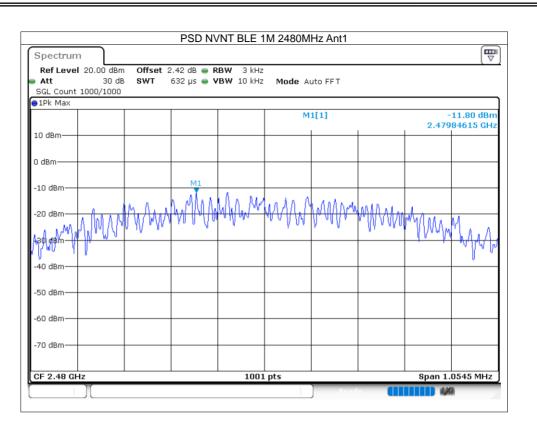
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8.1.6 Band Edge

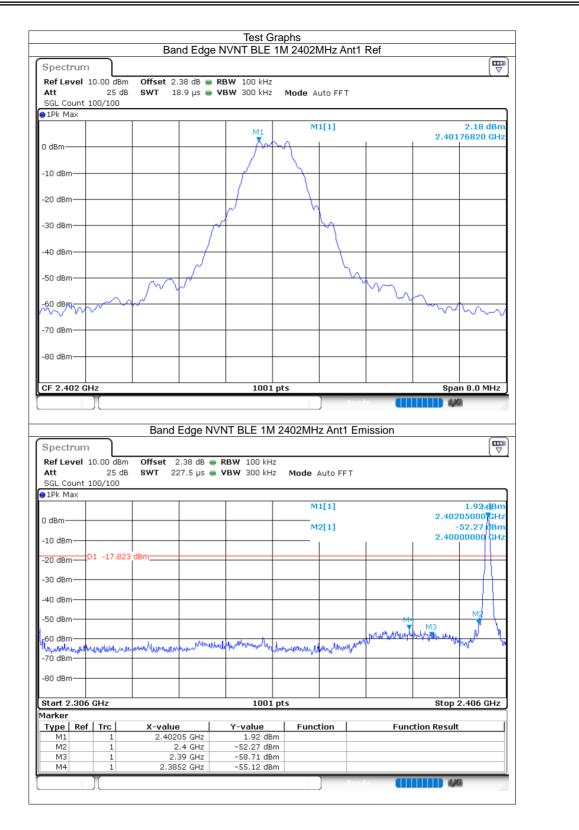
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-57.3	-20	Pass
NVNT	BLE 1M	2480	Ant1	-54.84	-20	Pass



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Ref Level Att SGL Count	25 dB	Offset 2.42 SWT 18.9			Mode A	uto FFT			
1Pk Max									
				М1	M	1[1]		0.455	2.94 dBm
0 dBm				^	<u>~</u> Δ			2.479	99200 GHz
				ا ' <i>۲</i>	1				
-10 dBm					\rightarrow				
-20 dBm				\checkmark	<u>_</u>				
-30 dBm						5			
-40 dBm									
-50 dBm		~	~			h			
60 dBm-	\sim	\sim						\sim	
r								v.J	~~~~
-70 dBm									
-80 dBm									
CF 2.48 GH	l Hz			1001	pts			Spa	n 8.0 MHz
	20								74
Spectrum				IT BLE 1M		z Ant1 Em	nission		
-	10.00 dBm 25 dB	Offset 2.4	2 dB 👄 R		2	z Ant1 En	nission		
Ref Level Att SGL Count	10.00 dBm 25 dB	Offset 2.4	2 dB 👄 R	BW 100 kHz	: Mode /	Auto FFT	nission		
Ref Level Att SGL Count IPk Max	10.00 dBm 25 dB	Offset 2.4	2 dB 👄 R	BW 100 kHz	: Mode /		nission	2.480	3.26 dBm 05000 GHz
Ref Level Att	10.00 dBm 25 dB	Offset 2.4	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT	nission	-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm ^{M1} -10 dBm-	10.00 dBm 25 dB 100/100	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT 1[1]	nission	-	3.26 dBm 05000 GHz
Ref Level Att SGL Count 1Pk Max 0 dBm ^{M1} -10 dBm-	10.00 dBm 25 dB	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT	nission	-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm ^{M1} -10 dBm -20 dBm	10.00 dBm 25 dB 100/100	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT	nission	-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count IPk Max 0 dBm ^{M1} -10 dBm -20 dBm -30 dBm	10.00 dBm 25 dB 100/100	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT	nission	-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count IPk Max 0 dBm -10 dBm -20 dBm -30 dBm	10.00 dBm 25 dB 100/100	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT		-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count IPk Max 0 dBm ^{M1} -10 dBm -20 dBm -30 dBm	10.00 dBm 25 dB 100/100 01 -17.055 M4	Offset 2.4 SWT 227.	2 dB 👄 R	BW 100 kHz	: Mode / M	Auto FFT	nission	-	3.26 dBm 055000 GHz •62.47 dBm
Ref Level Att SGL Count IPk Max 0 dBm -10 dBm -20 dBm -30 dBm	10.00 dBm 25 dB 100/100 01 -17.055 M4	Offset 2.4 SWT 227.	2 dB ● R 5 μs ● V	BW 100 kHz BW 300 kHz		Auto FFT 1[1] 2[1]		2.483	3.26 dBm 105000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count IPk Max 0 d8m ^{M1} -10 d8m -20 d8m -30 d8m -40 d8m	10.00 dBm 25 dB 100/100 01 -17.055 M4	Offset 2.4 SWT 227.	2 dB ● R 5 μs ● V	BW 100 kHz BW 300 kHz	: Mode / M	Auto FFT 1[1] 2[1]		2.483	3.26 dBm 05000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	10.00 dBm 25 dB 100/100 01 -17.055 M4	Offset 2.4 SWT 227.	2 dB ● R 5 μs ● V	BW 100 kHz BW 300 kHz		Auto FFT 1[1] 2[1]		2.483	3.26 dBm 105000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count IPk Max 0 dBm ^{M1} -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm	10.00 dBm 25 dB 100/100 D1 -17.055 M4	Offset 2.4 SWT 227.	2 dB ● R 5 μs ● V	BW 100 kHz BW 300 kHz	Mode /	Auto FFT 1[1] 2[1]		- 2.483 ///white ///white	3.26 dBm 105000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count IPk Max 0 dBm -10 cBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm	10.00 dBm 25 dB 100/100 D1 -17.055 M4	Offset 2.4 SWT 227.	2 dB ● R 5 μs ● V	BW 100 kHz BW 300 kHz	Mode /	Auto FFT 1[1] 2[1]		- 2.483 ///white ///white	3.26 dBm 105000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count SGL Count IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm Start 2.470 Type	10.00 dBm 25 dB 100/100 01 -17.055 01 -17.055 04 04 04 05 GHz	Offset 2.4 SWT 227.	2 dB • R 5 μs • V	BW 100 kHz BW 300 kHz	m Mode / M M M M Pts Func	Auto FFT [[1] 2[1]	- Jupiter John John John John John John John John	- 2.483 ///white	3.26 dBm 05000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count 1Pk Max 0 d8 m ^{M1} -10 d8 m -20 d8 m -30 d8 m -40 d8 m -50 d8 m -60 d8 m -70 d8 m -80 d8 m -70 d8 m -70 d8 m -80 d8 m -70 d8 m -80 d8 m -90 d8 m -80 d8 m -90 d8 m	10.00 dBm 25 dB 100/100 D1 -17.055 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	Offset 2.4 SWT 227.	2 dB	BW 100 kHz BW 300 kHz	2 Mode / M M M Pts Func	Auto FFT [[1] 2[1]	- Jupiter John John John John John John John John	2.483 ////////////////////////////////////	3.26 dBm 05000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count SGL Count IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm Start 2.470 Type	10.00 dBm 25 dB 100/100 01 -17.055 01 -17.055 04 04 04 04 04 05 GHz 0 Trc	Offset 2.4 SWT 227.	2 dB	BW 100 kHz BW 300 kHz	: Mode / 	Auto FFT [[1] 2[1]	- Jupiter John John John John John John John John	2.483 ////////////////////////////////////	3.26 dBm 05000 GHz 62.47 dBm 50000 GHz
Ref Level Att SGL Count IPk Max IPk Max 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -70 dBm -80 dBm -80 dBm -70 dBm -80 dBm -80 dBm	10.00 dBm 25 dB 100/100 D1 -17.055 M4 M4 66 GHz f Trc 1 1	Offset 2.4 SWT 227.	2 dB R R S μs V	BW 100 kHz BW 300 kHz עלאאריי עלאאריי געריי שליי שליי שליי שליי שליי שליי שליי ש	2 Mode / M M M M M M M M M M M M M M M M M M M	Auto FFT [[1] 2[1]	- Jupiter John John John John John John John John	2.483 ////////////////////////////////////	3.26 dBm 05000 GHz 62.47 dBm 50000 GHz

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8.1.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.74	-20	Pass
NVNT	BLE 1M	2440	Ant1	-44.67	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.72	-20	Pass



		Tx.	Spuriou	Test Gr Is NVNT BLE		z Ant1 Re	ef		
Spectrum						-			
-	I 20.00 dBm	Offset	2.38 dB 🧉	• RBW 100 kHz					<u>(*)</u>
Att	30 dB	SWT	18.9 µs 🧉	• VBW 300 kHz	Mode Auto	FFT			
SGL Count 1Pk Max	100/100								
TEV MOX					M1[1]				2.13 dBm
								2.402	00900 GHz
.0 dBm									
				M					
) dBm		~	<u> </u>				~		
10 dBm									
20 dBm									
30 dBm—									
40 dBm—			1						
50 db									
50 dBm									
60 dBm									
70 dBm									
		Tx. Sp	urious N	1001 NVNT BLE 1N		Ready	sion	Spar	1.5 MHz
Spectrum		Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A		sion	Spar	1.5 MHz)
Spectrum Ref Level Att	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1M	1 2402MHz A		sion	Spar	
Spectrum Ref Level Att 5GL Count	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A		sion	Spar	
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A	Sweep	sion		
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	.3970 GHz
Spectrum Ref Level Att SGL Count 1Pk Max .0 dBm	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto	Sweep	sion	2	(₩) 0.98 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm M1 0 dBm	1 20.00 dBm 30 dB	Offset	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 10 dBm	1 20.00 dBm 30 dB 10/10	Offset : SWT	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level SGL Count 1Pk Max 0 dBm 1 dBm 10 dBm	1 20.00 dBm 30 dB	Offset : SWT	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm	1 20.00 dBm 30 dB 10/10	Offset : SWT	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm	1 20.00 dBm 30 dB 10/10	Offset : SWT	2.38 dB	NVNT BLE 1N RBW 100 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	D1 -17.874	Offset : SWT dBm	2.38 dB	NVNT BLE 1M RBW 100 kHz VBW 300 kHz	1 2402MHz A Mode Auto M1[1]	Sweep	sion	2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 10 dBm 30 dBm 40 dBm	D1 -17.874	dBm	2.38 dB (265 ms (NVNT BLE 1M	1 2402MHz A Mode Auto M1[1]	Sweep		2	0.98 dBm .3970 GHz ŧ3.62 dBm
Spectrum Ref Level Att SGL Count IPK Max 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm	D1 -17.874	Offset : SWT dBm	2.38 dB (265 ms (NVNT BLE 1M	Mode Auto	Sweep		22	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	D1 -17.874	dBm	2.38 dB (265 ms (NVNT BLE 1M	Mode Auto	Sweep		22	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	D1 -17.874	dBm	2.38 dB (265 ms (NVNT BLE 1M	Mode Auto	Sweep		22	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm	D1 -17.874	dBm	2.38 dB (265 ms (NVNT BLE 1M	Mode Auto	Sweep		2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm	D1 -17.874	dBmM4	2.38 dB 265 ms	NVNT BLE 1M	Mode Auto	Sweep	Mertropola	2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 40 dBm 70 dBm 51 dBm 51 dBm 51 dBm 52 dBm 50 dBm	D1 -17.874	dBm M4 Winner X-value	2.38 dB 265 ms	NVNT BLE 1M	Mode Auto Mode Auto M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]	Sweep	Mertropola	2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm 50 dBm 70 dBm 51 dBm 70 dBm 12 dBm 12 dBm 13 dBm 14 dBm 10 dBm 1	D1 -17.874	dBm M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	2.38 dB 265 ms 265 ms 4	NVNT BLE 1M	Mode Auto	Sweep	Mertropola	2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Spectrum Ref Level Att SGL Count 11Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 70 dBm 70 dBm 70 dBm 70 dBm 8tart 30.0 arker Type Ref M1 M2 M3	D1 -17.874	Offset : SWT dBm dBm <u>X-valu</u> <u>X-valu</u> 4.79 4.79	2.38 dB 265 ms	NVNT BLE 1M	Mode Auto Mode Auto M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M	Sweep	Mertropola	2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz
Att SGL Count 11PK Max .0 dBm .0	D1 -17.874	Offset : SWT dBm dBm M4 x-value 2.3 4.79 4.79 7.20	2.38 dB 265 ms 265 ms 4	NVNT BLE 1M	Mode Auto Mode Auto M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M	Sweep	Mertropola	2 	0.98 dBm .3970 GHz 43.62 dBm .7946 GHz

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Spectrum Ref Level Att	30 dB		3 ● RBW 100 kHz 5 ● VBW 300 kHz	Mode Auto FFT		
SGL Count 1 1Pk Max	00/100					
		м	1	M1[1]		3.01 dBm
					- I	2.4397721580 GHz
) dBm						
10 dBm						
10 000						
20 dBm						
-30 dBm						
40 dBm						
40 ubili						
50 dBm						
60 dBm						
70 dBrs						
-70 dBm						
80 dBm					_	
CF 2.44 GHz	2		30001 p	ts		Span 1.5 MHz
	Υ			Re	ady 🚺	4,43
Spectrum Ref Level	10.00 dBm			2440MHz Ant1	Emission	
Spectrum Ref Level Att SGL Count 1	30 dB	Offset 2.39 dE	S NVNT BLE 1M 3 B • RBW 100 kHz 5 • VBW 300 kHz			
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.39 dE	3 🖷 RBW 100 kHz	Mode Auto Swe		
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.39 dE	3 🖷 RBW 100 kHz			.440010 GHz
Ref Level Att SGL Count 1) 1Pk Max	30 dB	Offset 2.39 dE	3 🖷 RBW 100 kHz	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm
Ref Level Att SGL Count 1 1Pk Max	30 dE 0/10	Offset 2.39 db SWT 265 ms	3 🖷 RBW 100 kHz	Mode Auto Swe		2.49 dBm 2.440010 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm	30 dB	Offset 2.39 db SWT 265 ms	3 🖷 RBW 100 kHz	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm
Ref Level Att SGL Count 1 1Pk Max	30 dB 0/10 1 -16.989	Offset 2.39 db SWT 265 ms	3 🖷 RBW 100 kHz	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm	30 dE 0/10	dBm	3 🖷 RBW 100 kHz	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm
Ref Level Att SGL Count 1 PIPk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 de 0/10 1 -16.989	Offset 2.39 db SWT 265 ms	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1)1Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm	30 dB 0/10 1 -16.989	dBm	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	30 de 0/10 1 -16.989	dBm	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 PIPk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 de 0/10 1 -16.989	dBm	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	30 de 0/10 1 -16.989	dBm	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 80 dBm	30 de 0/10 1 -16.989 Ma	dBm	B RBW 100 kHz VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 PIPk Max 0 dBm 20 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm	30 de 0/10 1 -16.989 Ma	dBm	8 • RBW 100 kHz 5 • VBW 300 kHz	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 70 dBm	30 de 0/10 1 -16.989 M2 M2 Hz	M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	B RBW 100 kHz VBW 300 kHz N5 S VBW 300 kHz S VB	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 80 dBm 30 dBm 70 dBm	30 de 0/10 1 -16.989 M2 	dBm M4 M4	 RBW 100 kHz VBW 300 kHz 	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Mat SGL Count 1 SGL Count 1 <td>30 de 0/10 1 -16.989 M2 M2 IHz IHz IHz</td> <td>Offset 2.39 db SWT 265 ms dBm </td> <td>B RBW 100 kHz S VBW 300 kHz S VBW 300 kHz M5 S S S S S S S S S S S S S S S S S S</td> <td>Mode Auto Swe</td> <td></td> <td>2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz</td>	30 de 0/10 1 -16.989 M2 M2 IHz IHz IHz	Offset 2.39 db SWT 265 ms dBm	B RBW 100 kHz S VBW 300 kHz S VBW 300 kHz M5 S S S S S S S S S S S S S S S S S S	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 30 dBm 30 dBm 30 dBm 40 dBm 50 dBm 40 dBm 50 dBm 50 dBm 80 dBm 80 dBm Start 30.0 M M1 M2	30 de 0/10 1 -16.989 M3 	Offset 2.39 db SWT 265 ms dBm	 RBW 100 kHz VBW 300 kHz VBW 30	Mode Auto Swe		2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz
Ref Level Att SGL Count 1 SGL Count 1 1PK Max 0 dBm 10 dBm 20 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 50 dBm 51 darker Type M1 M2 M3 M4	30 de 0/10 1 -16.989 M2 M2 HZ Itz I 1 1 1	Offset 2.39 db SWT 265 ms dBm	B RBW 100 kHz VBW 300 kHz VBW 300 kHz M5 M5 A ude state to the detail Source to the details A ude state to the details Source to the details A ude state to the details Source to the details A ude state to the detail	Mode Auto Swe	ep	2.49 dBm 2.440010 GHz -41.66 dBm 4.879304 GHz

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Ref Level 20 Att SGL Count 100	30 dB		2.42 dB (18.9 µs (Mode A	uto FFT			
1Pk Max										
						M1	[1]		2 4707	3.27 dBm 741080 GHz
10 dBm								-	2.77.31	
			M1	$ \rightarrow $						
) dBm		~			\sim					
-10 dBm		~							<u> </u>	
29 dBm										
-30 dBm										
-30 UBIII										
-40 dBm										┼───┨│
-50 dBm										
-60 dBm										
-70 dBm										+
									C.n	A. F. MALL-
Spectrum Ref Level 20		Offset	2.42 dB 📢	RBW	100 kHz	2480MH			<u>ар</u>	an 1.5 MHz)
Spectrum Ref Level 20 Att SGL Count 10/	30 dB	Offset	2.42 dB 📢	RBW	BLE 1M				ч 	
Spectrum Ref Level 20 Att SGL Count 10/ 1Pk Max	30 dB	Offset	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A				₩
Spectrum Ref Level 20 Att SGL Count 10/ 1Pk Max	30 dB	Offset	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A	uto Sweep			3.61 dBm 479720 GHz
Spectrum Ref Level 20 Att SGL Count 10/ 01Pk Max	30 dB	Offset	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A	uto Sweep		2.	₩
Spectrum Ref Level 20 Att SGL Count 10/) IPk Max 10 dBm	30 dB	Offset	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A	uto Sweep		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ 10 dBm	30 dB	Offset 3 SWT	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A	uto Sweep		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ 1Pk Max 10 dBm 10 dBm 20 dBm D1	30 dB	Offset 3 SWT	2.42 dB 📢	RBW	BLE 1M	2480MH Mode A	uto Sweep		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ 11Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 10 dBm 20 dBm	30 dB	Offset : SWT	2.42 dB 📢	RBW VBW	BLE 1M	2480MH Mode A	uto Sweep		2.	3.61 dBm 479720 GHz -42.45 dBm
Att SGL Count 10/ DPk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 40 dBm	30 dB 10 -16.734 (Offset 3 SWT	2.42 dB 265 ms 265 ms	RBW VBW	BLE 1M	2480MH Mode A	uto Sweep		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ D1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm	30 dB 10 -16.734 (Offset : SWT	2.42 dB 265 ms 265 ms	RBW VBW	BLE 1M	2480MH Mode A 	uto Sweep [[1] 2[1]		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ D1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm	30 dB 10 -16.734 (Offset : SWT	2.42 dB 265 ms 265 ms	RBW VBW	BLE 1M	2480MH Mode A 	uto Sweep [1] 2[1]		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/) IPk Max 10 dBm -10 dBm -20 dBm -30 dBm	30 dB 10 -16.734 (Offset : SWT	2.42 dB 265 ms 265 ms	RBW VBW	BLE 1M	2480MH Mode A 	uto Sweep [[1] 2[1]		2.	3.61 dBm 479720 GHz -42.45 dBm
Spectrum Ref Level 20 Att SGL Count 10/ 11Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 50 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm	30 dB 10 -16.734 c Ma	Offset : SWT	2.42 dB 265 ms 265 ms	RBW VBW	BLE 1M	2480MH Mode A M1 M2	uto Sweep [[1] 2[1]		2.	3.61 dBm 479720 GHz -42.45 dBm 995996 GHz
Spectrum Ref Level 20 Att SGL Count 10/ 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 10 dBm 20 dBm 50 dBm 40 dBm 50 dBm	30 dB 10 -16.734 c M3 b (19.42 dH) z	Offset : SWT	2.42 dB 265 ms		BLE 1M	2480MH Mode A M1 M2	uto Sweep [[1] 2[1]		2. 4.	3.61 dBm 479720 GHz -42.45 dBm 959596 GHz
Spectrum Ref Level 20 Att SGL Count 10/ SGL Count 10/ 10 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 50 dBm <tr< td=""><td>30 dB 10 -16.734 c M3 c (* , , , , , , , , , , , , , , , , , ,</td><td>Offset : SWT</td><td>2.42 dB 265 ms</td><td>RBW VBW</td><td>BLE 1M</td><td>2480MH Mode A M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2</td><td>uto Sweep [[1] 2[1]</td><td></td><td>2.</td><td>3.61 dBm 479720 GHz -42.45 dBm 959596 GHz</td></tr<>	30 dB 10 -16.734 c M3 c (* , , , , , , , , , , , , , , , , , ,	Offset : SWT	2.42 dB 265 ms	RBW VBW	BLE 1M	2480MH Mode A M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Sweep [[1] 2[1]		2.	3.61 dBm 479720 GHz -42.45 dBm 959596 GHz
Spectrum Ref Level 20 Att SGL Count 10/ IPK Max 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -70 dBm	30 dB 10 -16.734 d M2 z Trc 1 1	Offset : SWT	2.42 dB 265 ms	RBW VBW	BLE 1M	2480MH Mode A M1 M2 M2 M1 M2 M2 M2 M1 M2 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M1 M2 M1 M2 M1 M2 M1 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M1 M2 M2 M2 M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Sweep [[1] 2[1]		2. 4.	3.61 dBm 479720 GHz -42.45 dBm 959596 GHz
Spectrum Ref Level 20 Att SGL Count 10/ 1Pk Max 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 50 dBm 70 dBm 60 dBm 70 dBm 70 dBm 60 dBm 70 dBm 70 dBm	30 dB 10 -16.734 c M3 z Trc 1	Offset : SWT	2.42 dB 265 ms	RBW VBW	BLE 1M	2480MH Mode A M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Sweep [[1] 2[1]		2. 4.	3.61 dBm 479720 GHz -42.45 dBm 959596 GHz
Spectrum Ref Level 20 Att SGL Count 10/ D1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm	30 dB 10 -16.734 c M3 c I I I I I	Offset : SWT ///////////////////////////////////	2.42 dB 265 ms	RBW VBW	BLE 1M	2480MH Mode A M1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	uto Sweep [[1] 2[1]	Fun	2. 4.	3.61 dBm 479720 GHz -42.45 dBm 959596 GHz -22.55 dHz

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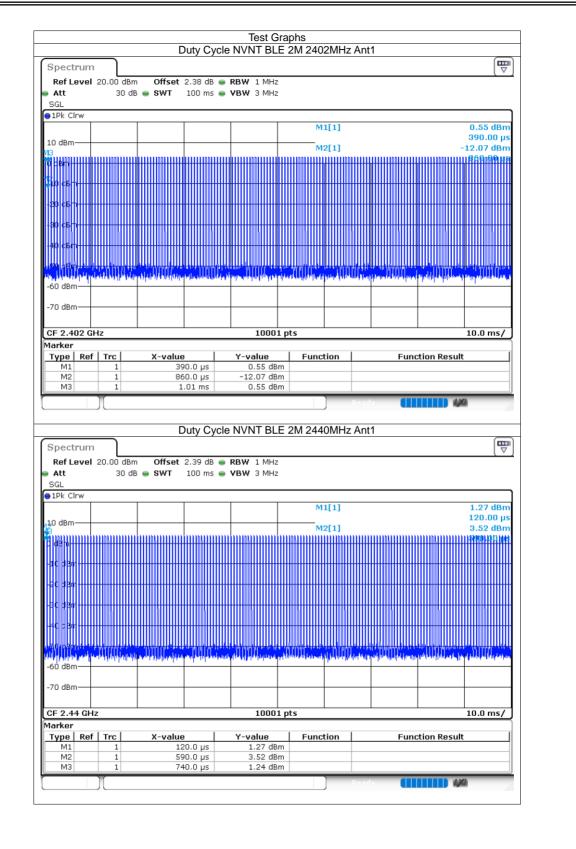
8.2 **2M**

8.2.1 Duty Cycle

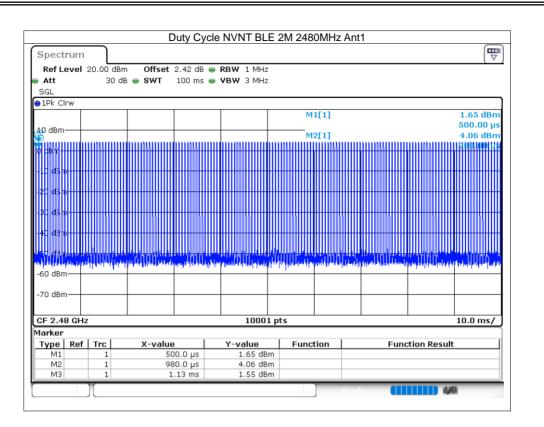
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 2M	2402	Ant1	25.6	5.92	6.67
NVNT	BLE 2M	2440	Ant1	25.61	5.92	6.67
NVNT	BLE 2M	2480	Ant1	24.89	6.04	6.67



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8.2.2 Maximum Conducted Output Power

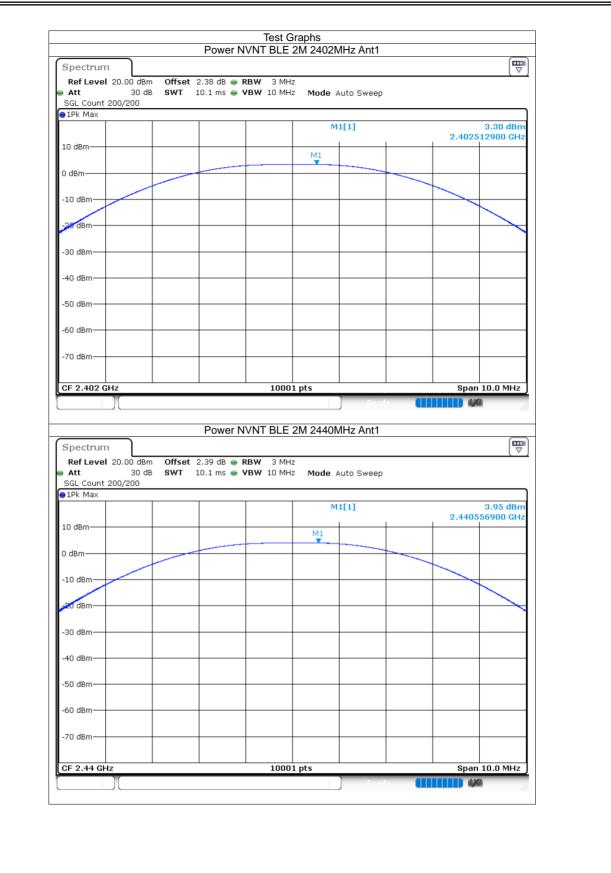
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 2M	2402	Ant1	3.3	30	Pass
NVNT	BLE 2M	2440	Ant1	3.95	30	Pass
NVNT	BLE 2M	2480	Ant1	4.25	30	Pass



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	Power	NVNT BLE 2M 24	80MHz Ant1		
Spectrum					
Ref Level 20.00 dBr	-				
Att 30 d	iB SWT 10.1 ms 🖷	VBW 10 MHz Mo	de Auto Sweep		
SGL Count 200/200					
			M1[1]		4.25 dBm
10 40-			1 1	2.480	274000 GHz
10 dBm		M1			
0 dBm					
U UBIII					
-10 dBm					
20 dBm					
-30 dBm					
-40 dBm					
-50 dBm					
-60 dBm					
-70 dBm					
CF 2.48 GHz		10001 pts	1	Spa	n 10.0 MHz
			Ready		XI

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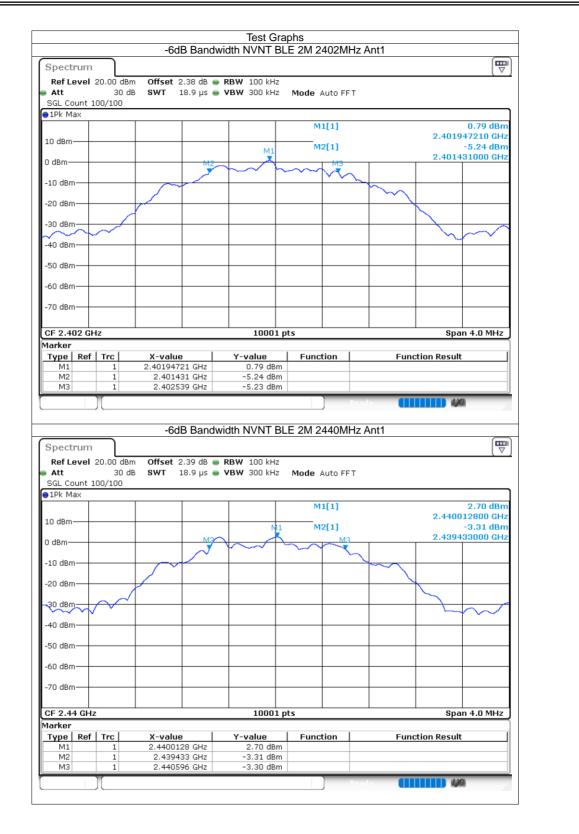




8.2.3 -6dB Bandwidth

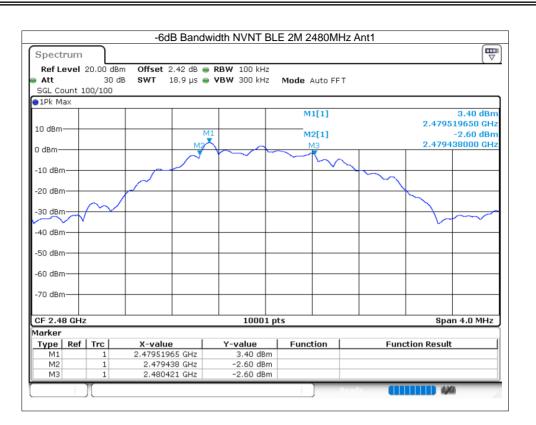
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 2M	2402	Ant1	1.108	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.162	0.5	Pass
NVNT	BLE 2M	2480	Ant1	0.983	0.5	Pass





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8.2.4 Occupied Channel Bandwidth

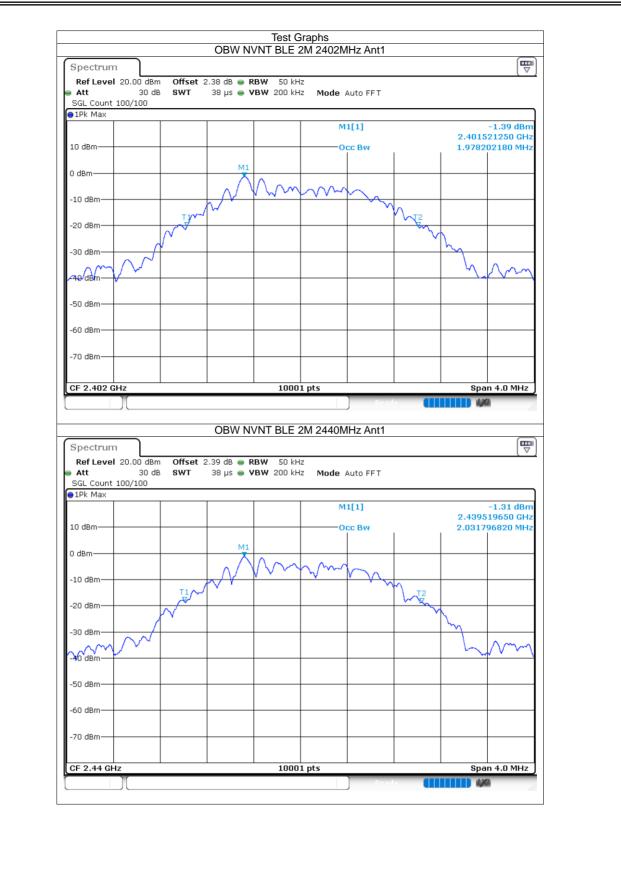
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 2M	2402	Ant1	1.978
NVNT	BLE 2M	2440	Ant1	2.032
NVNT	BLE 2M	2480	Ant1	2.041



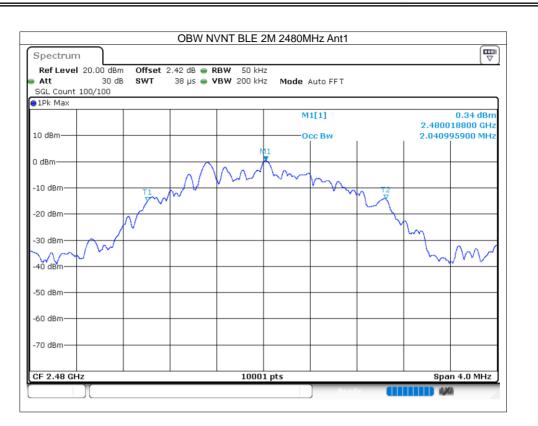
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8.2.5 Maximum Power Spectral Density Level

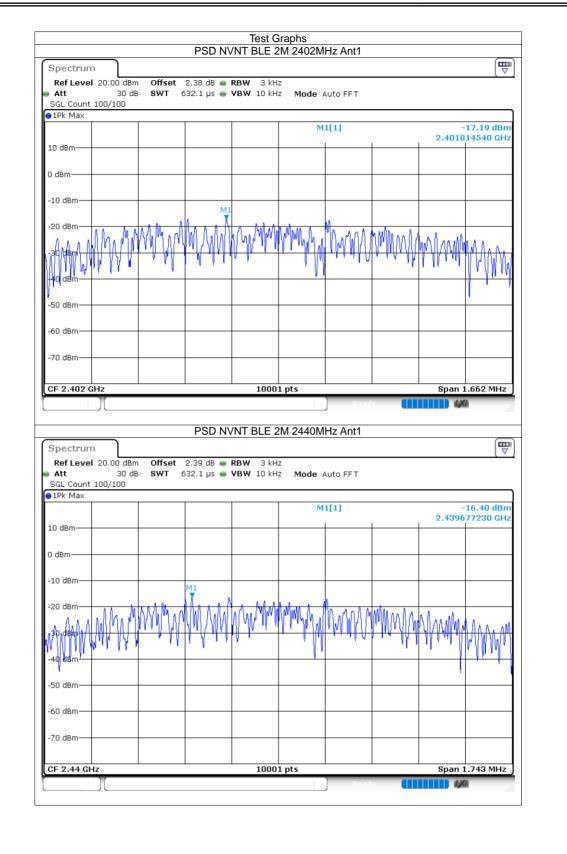
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE 2M	2402	Ant1	-17.19	8	Pass
NVNT	BLE 2M	2440	Ant1	-16.4	8	Pass
NVNT	BLE 2M	2480	Ant1	-15.64	8	Pass



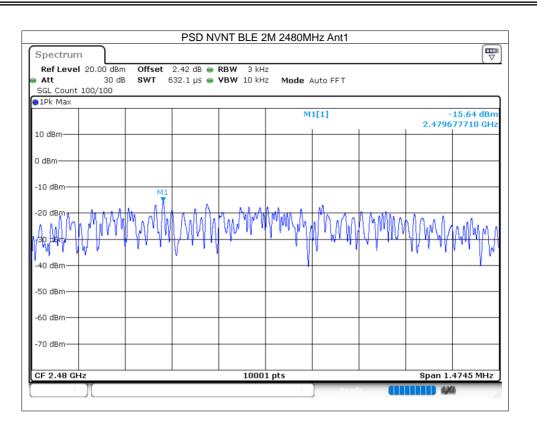
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8.2.6 Band Edge

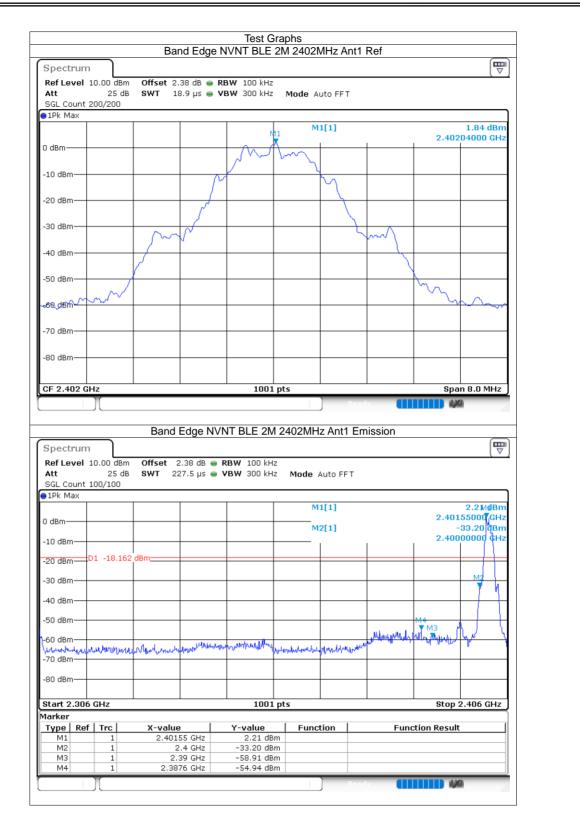
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 2M	2402	Ant1	-56.77	-20	Pass
NVNT	BLE 2M	2480	Ant1	-54.27	-20	Pass



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Ref Level Att SGL Count	35 dB	Offset 2.42 SWT 18.9				to FFT			
1Pk Max	200/200								
					M1	[1]			3.24 dBm
10 dBm								2.48	003200 GHz
10 0.0				N	1				
0 dBm				A					
				N . M	~~h				
-10 dBm			<u> </u>			~			
			- 2						
-20 dBm									
-30 dBm						\rightarrow			
		/~~~					\sim		
-40 dBm									├ ───
		1						L.	
-50 dBm-	m							m.	
									~~~~
-60 dBm									
-70 dBm									
CF 2.48 GH	17			1001	ntc				an 8.0 MHz
				1001	pes			000	10.010112
		Band E	dge NVN	IT BLE 2M	]	Read	ission		
Spectrum	20.00 dBm	Band E Offset 2.4 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2		ission		
Spectrum Ref Level Att SGL Count	20.00 dBm 35 dB	Offset 2.4	12 dB 👄 F	<b>BW</b> 100 kHz	2		ission		
Spectrum Ref Level Att	20.00 dBm 35 dB	Offset 2.4	12 dB 👄 F	<b>BW</b> 100 kHz	2	uto FFT	ission		2.92 dBm
Spectrum Ref Level Att SGL Count	20.00 dBm 35 dB	Offset 2.4	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		( ▽ ) 2.92 dBm 005000 GHz
Spectrum Ref Level Att SGL Count JPk Max	20.00 dBm 35 dB	Offset 2.4	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	iission		( ⊽ ) 2.92 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 35 dB	Offset 2.4	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm	20.00 dBm 35 dB	Offset 2 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dbm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	12 dB 👄 F	<b>BW</b> 100 kHz	2 2 Mode A M1	uto FFT	ission		2.92 dBm 005000 GHz -52.57 dBm
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	42 dB ● F .5 μs ● V	28W 100 kHz 78W 300 kHz	2 Mode A M1 M2 M2	uto FFT [1] [1]		2.48	2.92 dBm 005000 GH2 -52.57 dBm 350000 GH2
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm	20.00 dBm 35 dB 100/100	Offset 2.4 SWT 227	12 dB 👄 F	28W 100 kHz 78W 300 kHz	2 Mode A M1 M2 M2	uto FFT			2.92 dBm 005000 GH2 -52.57 dBm 350000 GH2
Spectrum Ref Level Att SGL Count 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -60 dBm	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	42 dB ● F .5 μs ● V	28W 100 kHz 78W 300 kHz	2 Mode A M1 M2 M2	uto FFT [1] [1]		2.48	2.92 dBm 005000 GH2 -52.57 dBm 350000 GH2
Spectrum Ref Level Att SGL Count IPk Max ID dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dB	20.00 dBm 35 dB 100/100	Offset 2 SWT 227	42 dB ● F .5 μs ● V	28W 100 kHz 78W 300 kHz	2 Mode A M1 M2 M2	uto FFT [1] [1]		2.48	2.92 dBm 005000 GH2 -52.57 dBm 350000 GH2
Spectrum Ref Level Att SGL Count 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -60 dBm	D1 -16.762	Offset 2 SWT 227	42 dB ● F .5 μs ● V	28W 100 kHz 78W 300 kHz	2 Mode A M1 M2	uto FFT [1] [1]		2.48	2.92 dBm 005000 GH2 -52.57 dBm 350000 GH2
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 35 dB 100/100	Offset 2.4 SWT 227	42 dB ● F .5 μs ● V	BW 100 kHz BW 300 kHz	2 Mode A M1 M2	uto FFT [1] [1]	սի Միսկություն էր	2.48:	2.92 dBm 005000 GHz 552.57 dBm 350000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm	20.00 dBm 35 dB 100/100 D1 -16.762	Offset 2.4 SWT 227	42 dB ● F .5 μs ● V	BW 100 kHz BW 300 kHz	2 Mode A M1 M2	uto FFT [1] [1]	սի Միսկություն էր	2.48	2.92 dBm 005000 GHz 552.57 dBm 350000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 35 dB 100/100	Offset 2.4 SWT 227	42 dB ● F .5 µs ● V	BW 100 kHz BW 300 kHz	2 Mode A M1 M2	uto FFT [1] [1]	սի Միսկություն էր	2.48:	2.92 dBm 005000 GHz 552.57 dBm 350000 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70 dBm	20.00 dBm 35 dB 100/100 D1 -16.762	Offset 2.4 SWT 227	42 dB ● F .5 µs ● V	BW 100 kHz BW 300 kHz 300 kHz	2 Mode A M1 M2 M2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	uto FFT [1] [1]	սի Միսկություն էր	2.48:	2.92 dBm 005000 GHz 552.57 dBm 350000 GHz
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -70 d	20.00 dBm 35 dB 100/100 D1 -16.762	Offset 2.4 SWT 227	42 dB ● F .5 µs ● V	BW 100 kHz BW 300 kHz 300 kHz	2 Mode A M1 M2 M2 M4 M4 M4 M4 M4 M4 M4 M4 M4 M4	uto FFT [1] [1]	սի Միսկություն էր	2.48:	2.92 dBm 005000 GHz 552.57 dBm 350000 GHz

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# 8.2.7 Conducted RF Spurious Emission

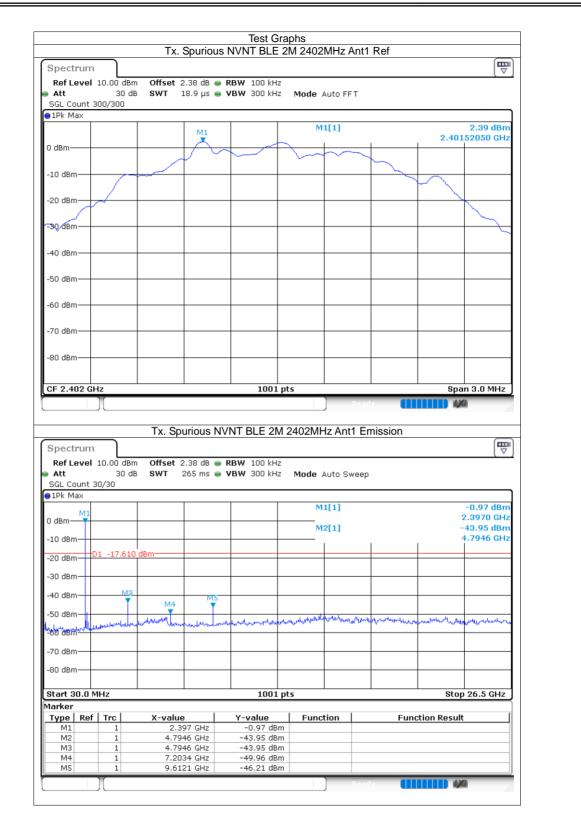
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 2M	2402	Ant1	-46.33	-20	Pass
NVNT	BLE 2M	2440	Ant1	-49.06	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.17	-20	Pass



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Spectrun Ref Level	n   10.00 dBm	Offset 2.39 de	B 🖷 RBW 100 kHz				( - )
Att	30 dB		s 👄 <b>VBW</b> 300 kHz		Т		
SGL Count	300/300						
		M1		M1[1]			2.75 dBm
0 dBm		×		$\sim$ 1		2.439	52350 GHz
U UBIII		$\sim$	$\sim$		$\sim$		
-10 dBm							
						$\sim$	
-20 dBm							
-30 dBm							
-40 dBm							
-50 dBm							┝────┨│
-60 dBm							
-70 dBm							
-, o ubiii							
-80 dBm							<b> </b>
CF 2.44 GH							
UL ZITT OF	lz	•	1001	pts		spa	n 3.0 MHz
Spectrun		Tx. Spurious	1001 s NVNT BLE 2M		Emission	spa	n 3.0 MHz )
Spectrun Ref Level Att	n I 10.00 dBm 30 dB	Offset 2.39 da		2440MHz Ant			
Spectrum Ref Level Att SGL Count	n I 10.00 dBm 30 dB	Offset 2.39 da	S NVNT BLE 2M	2440MHz Ant			
Spectrun Ref Level Att	n I 10.00 dBm 30 dB	Offset 2.39 da	S NVNT BLE 2M	2440MHz Ant			
Spectrun Ref Level Att SGL Count 1Pk Max	n I 10.00 dBm 30 dB	Offset 2.39 da	S NVNT BLE 2M	Mode Auto Sw			.4500 GHz
Spectrun Ref Level Att SGL Count 1Pk Max	n I 10.00 dBm 30 dB	Offset 2.39 da	S NVNT BLE 2M	2440MHz Ant ⁴ Mode Auto Sw			.02 dBm
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm	n I 10.00 dBm 30 dB	Offset 2.39 di SWT 265 m:	S NVNT BLE 2M	Mode Auto Sw			.4500 GHz 46.31 dBm
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max M1 0 dBm -10 dBm -20 dBm	n I 10.00 dBm 30 dB 30/30	Offset 2.39 di SWT 265 m:	S NVNT BLE 2M	Mode Auto Sw			.4500 GHz 46.31 dBm
Spectrun Ref Level SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -30 dBm	n I 10.00 dBm 30 dB 30/30	Offset 2.39 di SWT 265 m:	S NVNT BLE 2M	Mode Auto Sw			.4500 GHz 46.31 dBm
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max M1 0 dBm -10 dBm -20 dBm	n I 10.00 dBm 30 dB 30/30	Offset 2.39 dł SWT 265 m dBm	S NVNT BLE 2M	Mode Auto Sw			.4500 GHz 46.31 dBm
Spectrun Ref Level SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -30 dBm	n 1 10.00 dBm 30 dB 30/30 D1 -17.254	Offset 2.39 di SWT 265 m:	s NVNT BLE 2M	Mode Auto Sw M1[1] M2[1]	eep		2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -30 dBm -40 dBm	n 10.00 dBm 30/30	Offset 2.39 dł SWT 265 m dBm	s NVNT BLE 2M	Mode Auto Sw	eep		2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	n 1 10.00 dBm 30 dB 30/30 D1 -17.254	Offset 2.39 dł SWT 265 m dBm	s NVNT BLE 2M	Mode Auto Sw M1[1] M2[1]	eep		2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -70 dBm	n 1 10.00 dBm 30 dB 30/30 	Offset 2.39 dł SWT 265 m dBm	s NVNT BLE 2M	Mode Auto Sw M1[1] M2[1]	eep		2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	n 1 10.00 dBm 30 dB 30/30 	Offset 2.39 dł SWT 265 m dBm	s NVNT BLE 2M	Mode Auto Sw M1[1] M2[1]	eep		2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -70 dBm	n 1 10.00 dBm 30 dB 30/30 	Offset 2.39 dł SWT 265 m dBm	s NVNT BLE 2M	2440MHz Ant ⁴ Mode Auto Sw M1[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -80 dBm -80 dBm -80 dBm	n 1 10.00 dBm 30 dB 30/30 D1 -17.254 M3 Julu MHz	Offset         2.39 dl           SWT         265 m:           dBm	S NVNT BLE 2M	Mode Auto Sw Mode Auto Sw M1[1] M2[1] M2[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm -80 dBm -90 d	n l 10.00 dBm 30 dB 30/30 D1 -17.254 M3 Julu - M4 MHz f   Trc	Offset 2.39 dl SWT 265 m dBm dBm   	s NVNT BLE 2M	Mode Auto Sw Mode Auto Sw M1[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm -70 dBm -80 dBm -80 dBm -80 dBm	n 1 10.00 dBm 30 dB 30/30 D1 -17.254 M3 Julu MHz	Offset 2.39 di SWT 265 m dBm dBm M4 wm M4 wm M4 wm SX-value 2.45 GH: 9.7445 GH2	S NVNT BLE 2M	2440MHz Ant ² Mode Auto Sw M1[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun Ref Level Att SGL Count 1Pk Max 1Pk Max -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -80 dBm -8	MHz	Offset 2.39 di SWT 265 m d8m d8m M4 wm M4 zero zero zero zero zero zero zero zero	s NVNT BLE 2M	2440MHz Ant [*] Mode Auto Sw M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrum Ref Level Att SGL Count 1Pk Max 1Pk Max 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -80 dBm -70	MHz f Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 2.39 di SWT 265 m dBm dBm M4 wm M4 wm M4 wm SX-value 2.45 GH: 9.7445 GH2	s NVNT BLE 2M	2440MHz Ant ⁴ Mode Auto Sw M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 9.7445 GHz
Spectrun           Ref Level           Att           SGL Count           1Pk Max           1D dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm <td< td=""><td>MHz</td><td>Offset 2.39 di SWT 265 m dBm dBm</td><td>s NVNT BLE 2M</td><td>2440MHz Ant⁴ Mode Auto Sw M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]</td><td>eep</td><td>2 </td><td>2.02 dBm 2.4500 GHz 46.31 dBm 0.7445 GHz</td></td<>	MHz	Offset 2.39 di SWT 265 m dBm dBm	s NVNT BLE 2M	2440MHz Ant ⁴ Mode Auto Sw M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]	eep	2 	2.02 dBm 2.4500 GHz 46.31 dBm 0.7445 GHz

ACCREDITED



∋1Pk Max	300/300								
				I	/1 M1[1	1		2 490	3.27 dBm 02100 GHz
0 dBm			$\sim$		$ \rightarrow  $	$\sim$		2.400	02100 0112
-10 dBm	~	$\square$					<i></i>		
-10 080							<u></u>	$\sim$	
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
Je award									
-70 dBm									
-80 dBm									
CF 2.48 GH	z			1001	pts			Spa	n 3.0 MHz
Ref Level Att	10.00 dBm 30 dB	Offset 2	.42 dB 👄 F	<b>RBW</b> 100 kH	<mark>Z 2480MHz</mark> z z <b>Mode</b> Aut		nission		
Ref Level Att SGL Count	10.00 dBm 30 dB	Offset 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z		nission		
Ref Level Att SGL Count 1Pk Max	10.00 dBm 30 dB	Offset 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z	o Sweep	nission		-0.34 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm	10.00 dBm 30 dB	Offset 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z z <b>Mode</b> Aut	o Sweep	nission	-	-0.34 dBm 2.4760 GHz 41.91 dBm
Ref Level Att SGL Count 1Pk Max 0 dBm -10 dBm	10.00 dBm 30 dB	Offset 2 SWT 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z z <b>Mode</b> Aut M1[1	o Sweep	nission	-	-0.34 dBm 2.4760 GHz
Ref Level Att SGL Count IPk Max 1Pk Max 0 dBm -10 dBm -20 dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z z <b>Mode</b> Aut M1[1	o Sweep		-	-0.34 dBm 2.4760 GHz 41.91 dBm
Att <u>SGL Count</u> 1Pk Max 0 dBm -10 dBm -20 dBm -30 dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB 👄 F	<b>RBW</b> 100 kH	z z <b>Mode</b> Aut M1[1	o Sweep	nission	-	-0.34 dBm 2.4760 GHz 41.91 dBm
Mail         Mile           Att         SGL Count           IPk Max         Mile           0 dBm         -10 dBm           -20 dBm         -30 dBm           -40 dBm         -40 dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2 dBm	.42 dB 👄 F 265 ms 👄 V	<b>RBW</b> 100 kH <b>VBW</b> 300 kH	Z Mode Aut M1[1 M2[1	o Sweep [] []			-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mail         Mile           1Pk         Max           1Pk         Max           -10         dBm           -20         dBm           -30         dBm           -40         dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB 👄 F 265 ms 👄 V	<b>RBW</b> 100 kH <b>VBW</b> 300 kH	z z <b>Mode</b> Aut M1[1	o Sweep [] []			-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mail         Mail           1Pk         Max           1Pk         Max           0         dBm           -10         dBm           -20         dBm           -30         dBm           -40         dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB  .44 dB	<b>RBW</b> 100 kH <b>VBW</b> 300 kH	Z Mode Aut M1[1 M2[1	o Sweep [] []			-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mail         Mile           1Pk         Max           1Pk         Max           -10         dBm           -20         dBm           -30         dBm           -40         dBm           -50         dBm           -70         dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB  .44 dB	<b>RBW</b> 100 kH <b>VBW</b> 300 kH	Z Mode Aut M1[1 M2[1	o Sweep [] []			-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Ref Level           Att           SGL Count           IPk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           -80 dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB  .44 dB	RBW 100 kH	2 2 Mode Aut M1[1 M2[1 	o Sweep [] []		2 - - - - - - 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mail         Mail           1Pk         Max           1Pk         Max           0         dBm           -10         dBm           -20         dBm           -30         dBm           -40         dBm           -50         dBm	10.00 dBm 30 dB 30/30	Offset 2 SWT 2	.42 dB  .44 dB	<b>RBW</b> 100 kH <b>VBW</b> 300 kH	2 2 Mode Aut M1[1 M2[1 	o Sweep [] []		2 - - - - - - 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mail         Mail           1Pk         Max           0         dBm           -10         dBm           -20         dBm           -30         dBm           -40         dBm           -50         dBm           -60         dBm           -70         dBm           -80         dBm           -80         dBm	10.00 dBm 30 dB 30/30 D1 -16.733 M3	Offset 2 SWT 2 dBm	.42 dB K65 ms M5	RBW 100 kH	z z Mode Aut M1[1 M2[1 	o Sweep	p. grower by the bar of the bar	2 - - - - - - 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Ref Level           Att           SGL Count           IPk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -80 dBm           -80 dBm           -80 dBm           -70 dBm           -80 dBm           -30 dBm	10.00 dBm 30 dB 30/30 D1 -16.733 M3 MHz MHz Trc 1 1	Offset 2 SWT 2 dBm dBm 	.42 dB 265 ms X5 X5 X6 X5 X6 X5 X6 X5 X6 X5 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6 X6	RBW 100 kH VBW 300 kH	2 2 Mode Aut M1[1 	o Sweep	p. grower by the bar of the bar	2 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Ref Level           Att           SGL Count           IPk Max           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm           -70 dBm           -80 dBm           -80 dBm           -70 dBm           -80 dBm           -90 dBm           -	10.00 dBm 30 dB 30/30 D1 -16.733 M2 MHz MHz Trc 1 1 1 1 1	Offset 2 SWT 2 dBm dBm X-value 2.47 4.953 7.441	.42 dB  .65 ms  .42 dB  .42 dB  .42 dB  .42 dB  .42 dB  .44 GHz .44 GHz .44 GHz .46 GH	RBW         100 kH           YBW         300 kH           YBW         300 kH           Image: Comparison of the system         1001           Image: Comparison of the system         1001           Image: Comparison of the system         -0.34 dB	z z Mode Aut M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	o Sweep	p. grower by the bar of the bar	2 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz
Mef Level           Att           SGL Count           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm	10.00 dBm 30 dB 30/30 D1 -16.733 M2 MHz MHz Trc 1 1	Offset 2 SWT 2 dBm dBm X-value 2.47 4.953 7.441	.42 dB 265 ms X5 X5 X65 X5 X65 X5 X65 X5 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65 X65	RBW         100 kH           VBW         300 kH           VBW         300 kH           Image: state	z z Mode Aut M1[1 M2[1 M2[1 M2[1 M2[1 M2[1 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	o Sweep	րւլյույուներիս, գլերիս Func	2 	-0.34 dBm 2.4760 GHz 41.91 dBm 4.9534 GHz

ACCREDITED