

### CFR 47 FCC PART 15 SUBPART C ISED RSS-247 ISSUE 3 (DTS)

## **TEST REPORT**

For

## Smart LED downlight /Spot LED intelligent

## MODEL NUMBER: R1, R2

### **REPORT NUMBER: E04A23120598F00102**

### ISSUE DATE: Feb. 23, 2024

## FCC ID: 2A3MAR2

## IC: 27538-R2

### Prepared for

## **Lepro Innovation INC**

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Prepared by

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This report is based on a single evaluation of the submitted sample(s) of the above mentioned Product, it does not imply an assessment of the production of the products. This report shall not be reproduced, except in full, without the written approval ofGuangdong Global Testing Technology Co., Ltd.

TRF No.: 04-E001-0B Web: www.gtggroup.com

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TRF Date: 2023-12-13 Tel.: 86-400 755 8988

# **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	Feb. 23, 2024	Initial Issue	

Test Item	Clause	Limit/Requirement	Result
Antenna	N/A	FCC Part 15.203/15.247 (c)	Complianc
Requirement	N/A	RSS-GEN Clause 6.8	е
AC Power Line	ANSI C63.10-2013, Clause	FCC Part 15.207	Pass
Conducted Emission	6.2	RSS-GEN Clause 8.8	F 855
Conducted Output	ANSI C63.10-2013, Clause	FCC Part 15.247 (b)(3)	Pass
Power	11.9.1.3	RSS-247 Clause 5.4 (d)	Fd55
6dB Bandwidth and	ANSI C63.10-2013, Clause	FCC Part 15.247 (a)(2)	
99% Occupied	11.8.1	RSS-247 Clause 5.2 (a)	Pass
Bandwidth	11.0.1	ISED RSS-Gen Clause 6.7	
Power Spectral	ANSI C63.10-2013, Clause	FCC Part 15.247 (e)	Pass
Density	11.10.2	RSS-247 Clause 5.2 (b)	F 855
Conducted Band	ANSI C63.10-2013, Clause	FCC Part 15.247(d)	_
edge and spurious emission	11.11	RSS-247 Clause 5.5	Pass
Padiated Pand adap		FCC Part 15.247 (d)	
Radiated Band edge	ANSI C63.10-2013, Clause	FCC Part 15.205/15.209	Pass
and Spurious Emission	11.11 & Clause 11.12	RSS-247 Clause 5.5	Fa55
E1111551011		RSS-GEN Clause 8.9	
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

## Summary of Test Results

\*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

\*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART C

ISED RSS-247 ISSUE 3 (DTS)> when <Accuracy Method> decision rule is applied.

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# **1. ATTESTATION OF TEST RESULTS**

#### **Applicant Information** Company Name: Lepro Innovation INC Address: 3651 Lindell Road Suite D1048, Las Vegas, NV 89103, USA **Manufacturer Information** Company Name: Lepro Innovation INC Address: 3651 Lindell Road Suite D1048, Las Vegas, NV 89103, USA **Factory Information** Company Name: Xiamen Yiyuanyuan Technology Ltd 3/F No.78, Meixi Road Siming Zone, Tongan District, Xiamen, Address: Fujian, China **EUT Information Product Description:** Smart LED downlight /Spot LED intelligent Model: R2 Series Model: R1 Brand: Lepre Sample Received Date: Jan. 17, 2024 Sample Status: Normal Sample ID: A23120598 001 Date of Tested: Jan. 17, 2024 to Feb. 20, 2024

APPLICABLE STANDARDS				
STANDARD TEST RESULTS				
CFR 47 FCC PART 15 SUBPART C	Pass			
ISED RSS-247 ISSUE 3 (DTS)	rd55			

Prepared By: Checked By: an 1 Ce podl chen CHAlan He Poal Chen Q **Project Engineer** aboratory Leader Approved By: CERTIFIC Shawn Wen Laboratory Manager

# 2. TEST METHODOLOGY

All tests were performed in accordance with the standardCFR 47 FCC PART 15 SUBPART C ISED RSS-247 ISSUE 3 (DTS)

# 3. FACILITIES AND ACCREDITATION

	A2LA (Certificate No.: 6947.01)
	Guangdong Global Testing Technology Co., Ltd.
	has been assessed and proved to be in compliance with A2LA.
	FCC (FCC Designation No.: CN1343)
	Guangdong Global Testing Technology Co., Ltd.
	has been recognized to perform compliance testing on equipment
Accreditation Certificate	subject to Supplier's Declaration of Conformity (SDoC) and
	Certification rules
	ISED (Company No.: 30714)
	Guangdong Global Testing Technology Co., Ltd.
	has been registered and fully described in a report filed with ISED.
	The Company Number is 30714 and the test lab Conformity
	Assessment Body Identifier (CABID) is CN0148.

Note: All tests measurement facilities use to collect the measurement data are located at Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

# 4. CALIBRATION AND UNCERTAINTY

# 4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

# 4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Items	k	Uncertainty		
DTS Bandwidth	1.96	±9.2 PPM		
20dB Emission Bandwidth	1.96	±9.2 PPM		
Carrier Frequency Separation	1.96	±9.2 PPM		
Time of Occupancy	1.96	±0.57%		
Conducted Output Power	1.96	±1.5 dB		
Power Spectral Density Level	1.96	±1.9 dB		
Conducted Spurious Emission         1.96         9 kHz-30 MHz: ± 0.95 dB 30 MHz-1 GHz: ± 1.5 dB 1GHz-12.75GHz: ± 1.8 dB 12.75 GHz-26.5 GHz: ± 2.10				
Note: This uncertainty represents an expanded uncertainty expressed at approximately the $95\%$ confidence level using a coverage factor of k=1.96.				

Test Item	Measurement Frequency Range	К	U(dB)	
Conducted emissions from the AC mains power ports (AMN)	150 kHz ~ 30 MHz	2	3.37	
Radiated emissions	9 kHz ~ 30 MHz	2	4.16	
Radiated emissions	30 MHz ~ 1 GHz	2	3.79	
Radiated emissions	1 GHz ~ 18 GHz	2	5.62	
Radiated emissions	18 GHz ~ 40 GHz	2	5.54	
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.				

# 5. EQUIPMENT UNDER TEST

# 5.1. DESCRIPTION OF EUT

EUT Name		Smart LED downlight /Spot LED intelligent
Model		R2
Series Model		R1
Hardware Versior	า	V1.0
Software Version		V1.0
Ratings		AC 120V 60Hz
Davier Currely	AC	AC 120V 60Hz
Power Supply DC		

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Bluetooth Version:	Bluetooth 5.0
Bluetooth Mode:	Bluetooth LE
Type of Modulation:	GFSK
Number of Channels:	40
Channel Separation:	2 MHz
Maximum Peak Power:	9.56 dBm
Antenna Type:	PCB Antenna
Antenna Gain:	4.16 dBi
Normal Test Voltage:	5 Vdc
EUT Test software:	XCOM V2.0

# 5.2. CHANNEL LIST

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	11	2424	22	2446	33	2468
1	2404	12	2426	23	2448	34	2470
2	2406	13	2428	24	2450	35	2472
3	2408	14	2430	25	2452	36	2474
4	2410	15	2432	26	2454	37	2476
5	2412	16	2434	27	2456	38	2478
6	2414	17	2436	28	2458	39	2480
7	2416	18	2438	29	2460	/	/
8	2418	19	2440	30	2462	/	/
9	2420	20	2442	31	2464	/	/
10	2422	21	2444	32	2468	/	/

## 5.3. MAXIMUM AVERAGE EIRP

Test Mode	Frequency (MHz)	Channel Number	Maximum Peak Output Power (dBm)	Maximum EIRP (dBm)
LE 1Mbps	2402 ~ 2480	0-39[40]	9.44	13.60
LE 2Mbps	2402 ~ 2480	0-39[40]	9.56	13.72

## 5.4. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel	Frequency
	CH 0(Low Channel), CH 19(MID	
LE 1 Mbps	Channel),	2402 MHz, 2440 MHz, 2480 MHz
	CH 39(High Channel)	
	CH 0(Low Channel), CH 19(MID	
LE 2Mbps	Channel),	2402 MHz, 2440 MHz, 2480 MHz
	CH 39(High Channel)	

## 5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band				
Test Software Version XCOM V2.0				
Modulation	Transmit	Test Software setting value		
Type Antenr	Antenna Number	CH 0	CH 19	CH 39
GFSK(1Mbps)	1	default	default	default

## 5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2402-2480	PCB	4.16

Test Mode	Transmit and Receive Mode	Description
LE 1Mbps	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
LE 2Mbps	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
Note:		

Note: The value of the antenna gain was declared by customer.

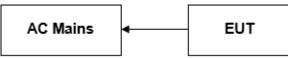
# 5.7. SUPPORT UNITS FOR SYSTEM TEST

The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	PC	Lenovo	B4650-D002	M90601U3	GTG Support

# 5.8. SETUP DIAGRAM

## AC conducted emission



**Radiated Emission:** 

AC Mains	•	EUT	<b></b>	PC
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**RF conducted:** 



# 6. MEASURING EQUIPMENT AND SOFTWARE USED

	Test Equipment of Conducted RF						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
Spectrum Analyzer	Rohde & Schwarz	FSV40	102257	2023/09/18	2024/09/17		
Spectrum Analyzer	KEYSIGHT	N9020A	MY51285127	2023/09/18	2024/09/17		
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61253075	2023/09/18	2024/09/17		
Vector Signal Generator	Rohde & Schwarz	SMM100A	101899	2023/09/18	2024/09/17		
RF Control box	MWRF-test	MW100-RFCB	MW220926GTG	2023/09/18	2024/09/17		
Wideband Radio Communication Tester	Rohde & Schwarz	CMW270	102792	2023/09/18	2024/09/17		
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2023/09/18	2024/09/17		
temperature humidity chamber	Espec	SH-241	SH-241-2014	2023/09/18	2024/09/17		
RF Test Software	MWRF-test	MTS8310E (Ver. V2/0)	N/A	N/A	N/A		

	Test Equipment of Radiated emissions below 1GHz						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2146	2022/08/30	2025/08/29		
EMI Test Receiver	Rohde & Schwarz	ESCI3	101409	2023/09/18	2024/09/17		
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2023/09/18	2024/09/17		
Pre-Amplifier	HzEMC	HPA-9K0130	HYPA21001	2023/09/18	2024/09/17		
Biconilog Antenna	Schwarzbeck	VULB 9168	01315	2022/10/10	2025/10/09		
Biconilog Antenna	ETS	3142E	00243646	2022/03/23	2025/03/22		
Loop Antenna	ETS	6502	243668	2022/03/30	2025/03/29		
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE)	N/A	N/A	N/A		

	Test Equipment of Radiated emissions above 1GHz						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2149	2022/08/30	2025/08/29		
Spectrum Analyzer	Rohde & Schwarz	FSV40	101413	2023/09/18	2024/09/17		
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2023/09/18	2024/09/17		
Pre-Amplifier	A-INFO	HPA-1G1850	HYPA21003	2023/09/18	2024/09/17		
Horn antenna	A-INFO	3117	246069	2022/03/11	2025/03/10		
Pre-Amplifier	ZKJC	HPA-184057	HYPA21004	2023/09/18	2024/09/17		

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Horn antenna	ZKJC	3116C	246265	2022/03/29	2025/03/28
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE+)	N/A	N/A	N/A

Test Equipment of Conducted emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Shielded Room	CHENG YU	8m*5m*4m	N/A	2022/10/29	2025/10/28
EMI Test Receiver	Rohde & Schwarz	ESR3	102647	2023/09/18	2024/09/17
LISN/AMN	Rohde & Schwarz	ENV216	102843	2023/09/18	2024/09/17
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2023/09/18	2024/09/17
Test Software	Farad	EZ-EMC (Ver. EMC-con-3A1 1+)	N/A	N/A	N/A

# 7. ANTENNA PORT TEST RESULTS

## 7.1. CONDUCTED OUTPUT POWER

#### LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3					
Section Test Item Limit Frequency Range (MHz)					
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Peak Conduct Output Power	1 watt or 30 dBm	2400-2483.5		

#### TEST PROCEDURE

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).

Measure peak emission level, the indicated level is the peak output power, after any corrections for external attenuators and cables.

#### TEST SETUP



#### **TEST ENVIRONMENT**

Temperature	<b>23.5</b> ℃	Relative Humidity	49%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.2. 6DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

#### <u>LIMITS</u>

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3				
Section Test Item Limit Frequency Range (MHz)				
CFR 47 FCC 15.247(a)(2) ISED RSS-247 5.2 (a)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5	
ISED RSS-Gen Clause 6.7 99 % Occupied For reporting 2400-2483.5 Bandwidth				

#### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

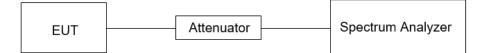
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99 % Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RR///	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
IV BW	For 6 dB Bandwidth: ≥3 × RBW For 99 % Occupied Bandwidth:≥3 × RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and 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.

#### TEST SETUP



#### **TEST ENVIRONMENT**

Temperature	<b>23.5</b> ℃	Relative Humidity	49%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

# 7.3. POWER SPECTRAL DENSITY

#### <u>LIMITS</u>

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3			
Section Test Item Limit Frequency Range (MHz)			
CFR 47 FCC §15.247 (e) ISED RSS-247 5.2 (b)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

#### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.10.

Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	$3 \text{ kHz} \le \text{RBW} \le 100 \text{ kHz}$
VBW	≥3 × RBW
Span	1.5 xDTS bandwidth
Trace	Max hold
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	<b>23.5</b> ℃	Relative Humidity	49%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

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## 7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3			
Section Test Item Limit			
CFR 47 FCC §15.247 (d) ISED RSS-247 5.5 Spurious Emissions		at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power	

#### LIMITS

#### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.11 and 11.13.

Connect the EUT to the spectrum analyser and use the following settings for reference level measurement:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
Span	1.5 xDTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

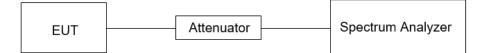
Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

Change the settings for emission level measurement:

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
measurement points	≥span/RBW
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

### TEST SETUP



#### **TEST ENVIRONMENT**

Temperature	<b>23.5</b> ℃	Relative Humidity	49%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.5. DUTY CYCLE

## LIMITS

None; for reporting purposes only.

#### TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.6 Zero – Span Spectrum Analyzer method.

#### TEST SETUP



#### **TEST ENVIRONMENT**

Temperature	<b>23.5</b> ℃	Relative Humidity	49%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix B

# 8. RADIATED TEST RESULTS

### <u>LIMITS</u>

Please refer to CFR 47 FCC §15.205 and §15.209.

Please refer to ISED RSS-GEN Clause 8.9 and Clause 8.10.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz				
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m		
		Quasi-Peak		
30 - 88	100	40		
88 - 216	150	43.5		
216 - 960	200	46		
Above 960	500	54		
Above 1000	500	Peak	Average	
	500	74	54	

FCC Emissions radiated outside of the specified frequency bands below 30 MHz						
Frequency (MHz)         Field strength (microvolts/meter)         Measurement distance (meters)						
0.009-0.490	2400/F(kHz)	300				
0.490-1.705	24000/F(kHz)	30				
1.705-30.0	30	30				

#### ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz					
Frequency         Magnetic field strength (H-Field) (μA/m)         Measurement distance (r					
9 - 490 kHz <sup>Note 1</sup>	6.37/F (F in kHz)	300			
490 - 1705 kHz	63.7/F (F in kHz)	30			
1.705 - 30 MHz	0.08	30			

**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

#### ISED Restricted bands please refer to ISED RSS-GEN Clause 8.10

	Table 7 – Restricted frequency bands <sup>k</sup>	
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	158.52475 - 158.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.028	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1648.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
18.42 - 18.423	3332 - 3339	
18.89475 - 18.89525	3345.8 - 3358	
18.80425 - 18.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

FCC Restricted bands of operation refer to FCC §15.205 (a):

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

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. <sup>2</sup>Above 38.6c

#### TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, 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 and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of  $377\Omega$ . For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.

TRF No.: 04-E001-0BGlobal Testing , Great Quality.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1 GHz, 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. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

#### Above 1G

The setting of the spectrum analyser

RBW	MHz	
IV BW	PEAK: 3 MHz AVG: see note 6	
Sweep	Auto	
Detector	Peak	
Trace	Max hold	

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.Both horizontal and vertical polarizations of the antenna are set to make the measurement.

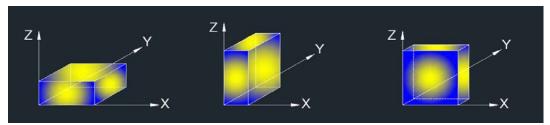
3. The EUT was placed on a turntable with 1.5 m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

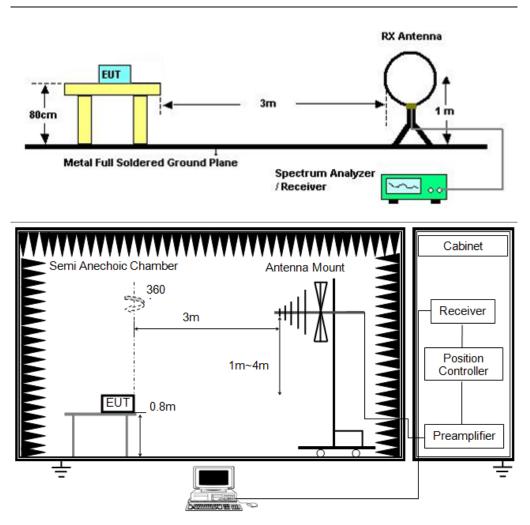
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

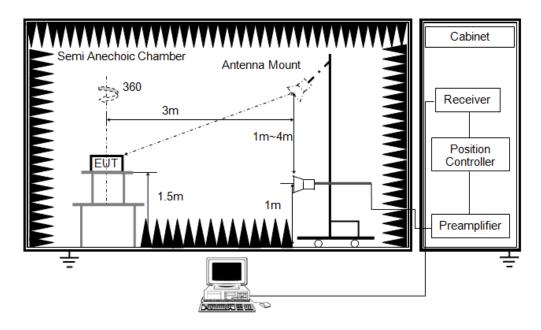
#### X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

#### TEST SETUP





#### **TEST ENVIRONMENT**

Temperature	<b>24.3</b> ℃	Relative Humidity	54%
Atmosphere Pressure	101kPa		

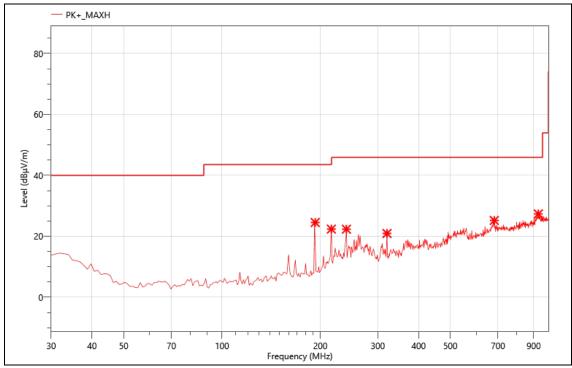
## TEST RESULTS

# 8.1. RADIATED BAND EDGE AND SPURIOUS EMISSION

#### • 30MHz to 1GHz

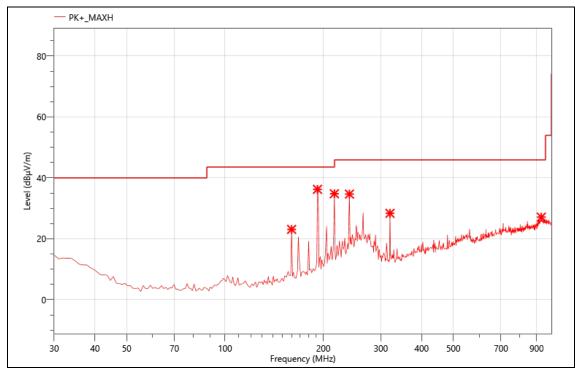
The worst result as bellow:

	оw.
Mode:	BLE 2402
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	192.960	47.07	-22.53	24.54	43.50	18.96	PK+	V
2	216.240	43.31	-20.95	22.36	46.00	23.64	PK+	V
3	240.490	41.92	-19.59	22.33	46.00	23.67	PK+	V
4	320.030	38.84	-17.9	20.94	46.00	25.06	PK+	V
5	681.840	32.97	-7.76	25.21	46.00	20.79	PK+	V
6	930.160	30.30	-2.95	27.35	46.00	18.65	PK+	V

Mode:	BLE 2402
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa

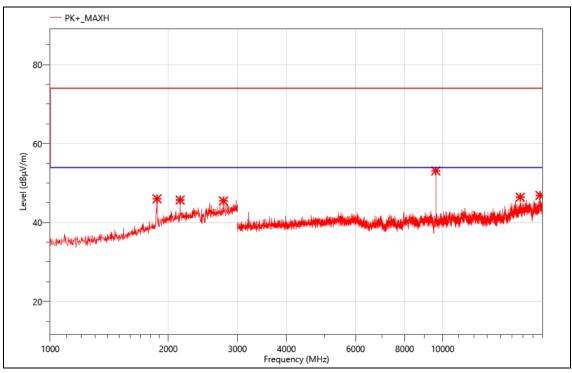


No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	159.980	44.91	-21.82	23.09	43.50	20.41	PK+	Н
2	191.990	58.81	-22.57	36.24	43.50	7.26	PK+	Н
3	216.240	55.74	-20.95	34.79	46.00	11.21	PK+	Н
4	240.490	54.26	-19.59	34.67	46.00	11.33	PK+	Н
5	320.030	46.27	-17.9	28.37	46.00	17.63	PK+	Н
6	930.160	30.07	-2.95	27.12	46.00	18.88	PK+	Н

### • Above 1GHz

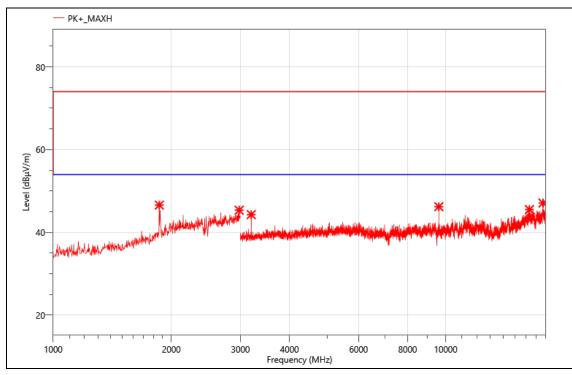
The worst result as bellow:

norocroodit do boli	
Mode:	BLE 2402
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3℃/54%/101Kpa



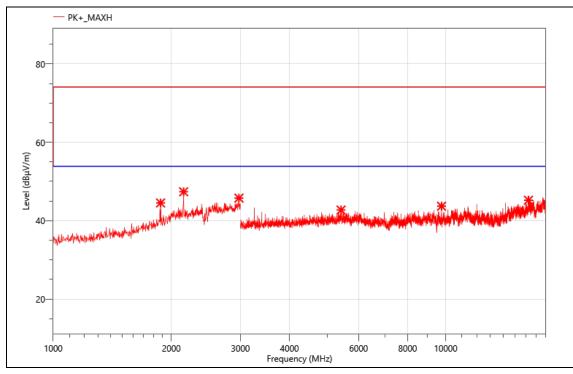
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1872.000	56.36	-10.36	46.00	74.00	28.00	PK+	Н
2	2144.000	54.75	-9.05	45.70	74.00	28.30	PK+	Н
3	2764.000	53.58	-8.12	45.46	74.00	28.54	PK+	Н
4	9607.500	60.13	-7.06	53.07	74.00	20.93	PK+	Н
5	15762.000	48.68	-2.28	46.40	74.00	27.60	PK+	Н
6	17694.000	46.65	0.21	46.86	74.00	27.14	PK+	Н

Mode:	BLE 2402
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



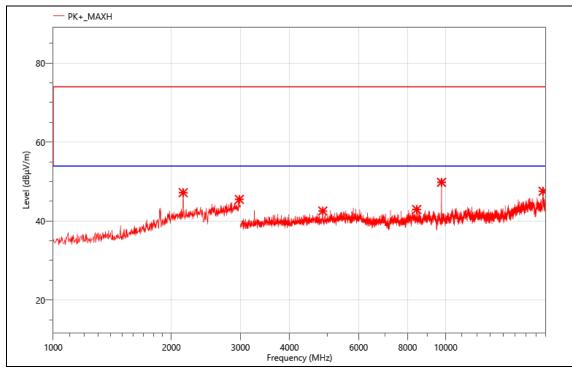
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1864.000	56.99	-10.4	46.59	74.00	27.41	PK+	V
2	2978.000	52.38	-7.02	45.36	74.00	28.64	PK+	V
3	3196.500	59.09	-14.8	44.29	74.00	29.71	PK+	V
4	9607.500	53.26	-7.06	46.20	74.00	27.80	PK+	V
5	16342.500	47.29	-1.77	45.52	74.00	28.48	PK+	V
6	17701.500	46.95	0.14	47.09	74.00	26.91	PK+	V

Mode:	BLE 2440
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



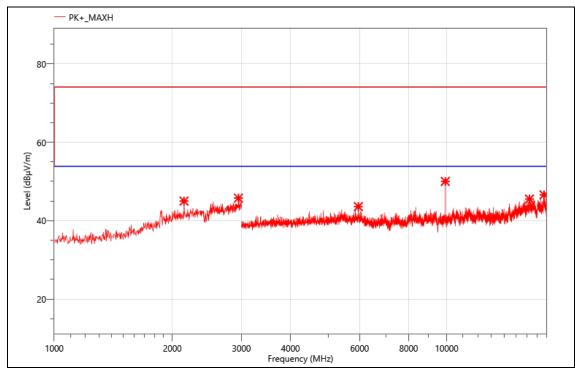
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1878.000	54.85	-10.33	44.52	74.00	29.48	PK+	V
2	2150.000	56.43	-9.05	47.38	74.00	26.62	PK+	V
3	2974.000	52.84	-7.09	45.75	74.00	28.25	PK+	V
4	5413.500	52.39	-9.67	42.72	74.00	31.28	PK+	V
5	9760.500	50.60	-6.91	43.69	74.00	30.31	PK+	V
6	16252.500	45.85	-0.64	45.21	74.00	28.79	PK+	V

Mode:	BLE 2440
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



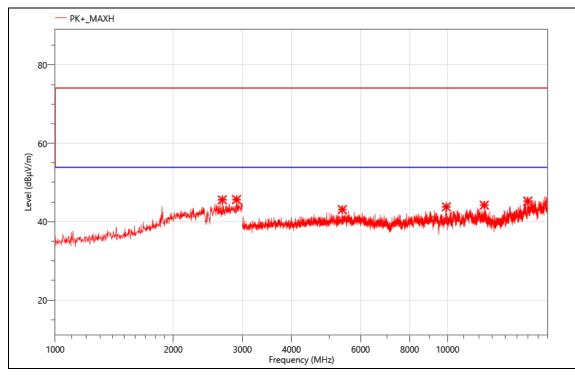
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2144.000	56.24	-9.05	47.19	74.00	26.81	PK+	Н
2	2980.000	52.47	-6.99	45.48	74.00	28.52	PK+	Н
3	4863.000	53.71	-11.18	42.53	74.00	31.47	PK+	Н
4	8439.000	50.96	-8.04	42.92	74.00	31.08	PK+	Н
5	9760.500	56.72	-6.91	49.81	74.00	24.19	PK+	Н
6	17709.000	47.56	-0.02	47.54	74.00	26.46	PK+	Н

Mode:	BLE 2480
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2142.000	54.05	-9.05	45.00	74.00	29.00	PK+	Н
2	2948.000	53.20	-7.44	45.76	74.00	28.24	PK+	Н
3	5956.500	52.17	-8.59	43.58	74.00	30.42	PK+	Н
4	9919.500	56.37	-6.35	50.02	74.00	23.98	PK+	Н
5	16251.000	46.11	-0.6	45.51	74.00	28.49	PK+	Н
6	17701.500	46.44	0.14	46.58	74.00	27.42	PK+	Н

Mode:	BLE 2480
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



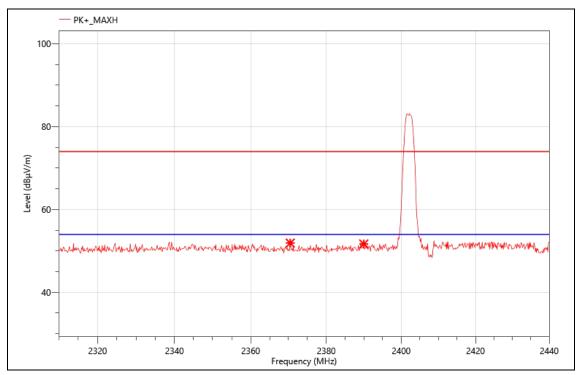
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2666.000	54.16	-8.59	45.57	74.00	28.43	PK+	V
2	2898.000	53.54	-7.91	45.63	74.00	28.37	PK+	V
3	5389.500	52.28	-9.2	43.08	74.00	30.92	PK+	V
4	9919.500	50.13	-6.35	43.78	74.00	30.22	PK+	V
5	12391.500	48.81	-4.62	44.19	74.00	29.81	PK+	V
6	15996.000	47.33	-2.1	45.23	74.00	28.77	PK+	V

Note: 1. All the modes had been tested, but only the worst data was recorded in the report. 2.For the radiation test from 18 GHz to 26 GHz, a pre-scan was performed, and the result was 20 dB lower than the limit line, the test data was not shown in the report.

## Band Edge

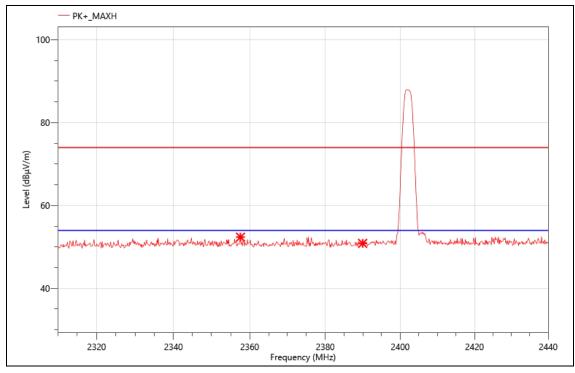
The worst result as bellow:

norot robalt do be					
Mode:	BLE 2402				
Power:	AC120/60Hz				
TE:	Big				
Date	2024/01/24				
T/A/P	24.3°C/54%/101Kpa				



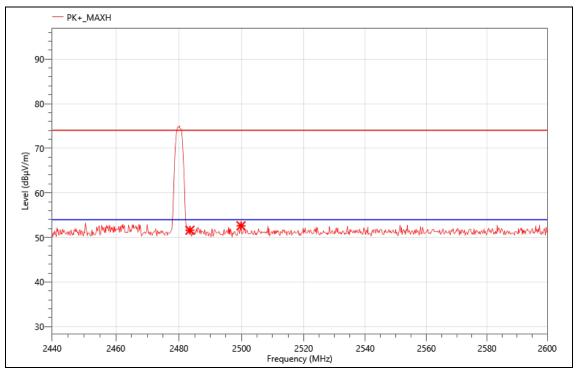
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2370.450	19.53	32.37	51.90	74.00	22.10	PK+	V
2	2390.000	19.21	32.46	51.67	74.00	22.33	PK+	V

Mode:	BLE 2402
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



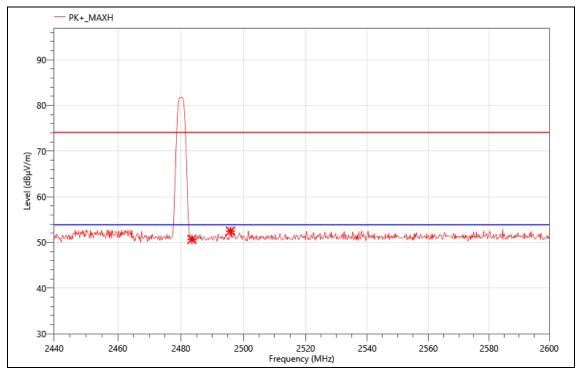
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2357.580	19.87	32.49	52.36	74.00	21.64	PK+	Н
2	2389.950	18.40	32.46	50.86	74.00	23.14	PK+	Н

Mode:	BLE 2480
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	25.91	25.71	51.62	74.00	22.38	PK+	V
2	2499.840	26.84	25.77	52.61	74.00	21.39	PK+	V

Mode:	BLE 2480
Power:	AC120/60Hz
TE:	Big
Date	2024/01/24
T/A/P	24.3°C/54%/101Kpa



## Critical\_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	24.96	25.71	50.67	74.00	23.33	PK+	Н
2	2495.840	26.73	25.75	52.48	74.00	21.52	PK+	Н

Note:

1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

## 9. ANTENNA REQUIREMENT

## REQUIREMENT

## Please refer to FCC §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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

## Please refer to FCC §15.247(b)(4),RSS-GEN Clause 6.8

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### DESCRIPTION

Compliance

## **10. AC POWER LINE CONDUCTED EMISSION**

## LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

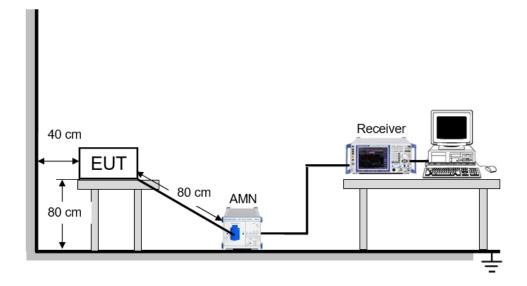
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

## TEST PROCEDURE

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

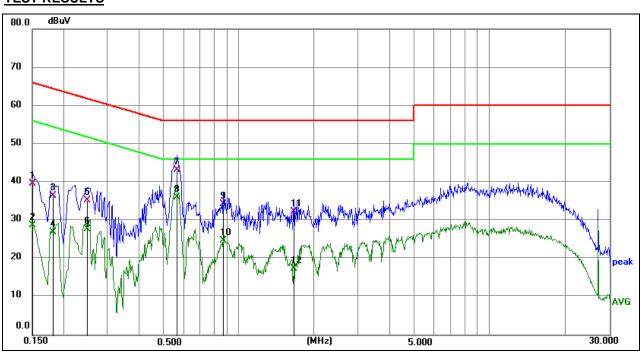
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

## TEST SETUP



#### **TEST ENVIRONMENT**

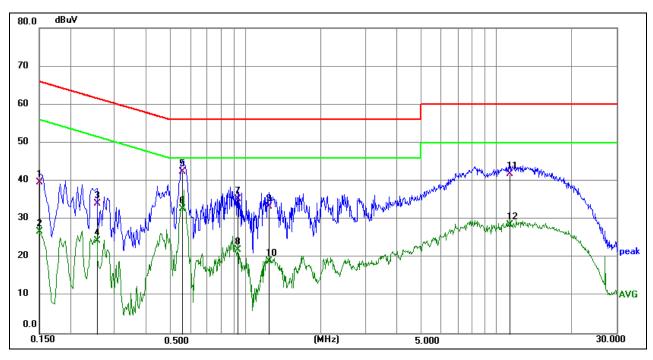
Temperature	<b>24.3</b> ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		



#### TEST RESULTS

Phase: N	Mode: BLE 2402MHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1500	29.52	10.00	39.52	66.00	-26.48	QP
2	0.1500	18.65	10.00	28.65	56.00	-27.35	AVG
3	0.1814	26.58	9.94	36.52	64.42	-27.90	QP
4	0.1814	16.98	9.94	26.92	54.42	-27.50	AVG
5	0.2490	25.24	9.91	35.15	61.79	-26.64	QP
6	0.2490	17.85	9.91	27.76	51.79	-24.03	AVG
7	0.5685	33.27	9.99	43.26	56.00	-12.74	QP
8	0.5685	26.05	9.99	36.04	46.00	-9.96	AVG
9	0.8700	24.22	10.04	34.26	56.00	-21.74	QP
10	0.8700	14.68	10.04	24.72	46.00	-21.28	AVG
11	1.6620	21.99	10.17	32.16	56.00	-23.84	QP
12	1.6620	7.15	10.17	17.32	46.00	-28.68	AVG



Phase: L1	Mode: BLE 2402MHz
Phase: L1	Mode: BLE 2402MHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1500	29.62	9.90	39.52	66.00	-26.48	QP
2	0.1500	16.80	9.90	26.70	56.00	-29.30	AVG
3	0.2535	24.32	9.80	34.12	61.64	-27.52	QP
4	0.2535	14.61	9.80	24.41	51.64	-27.23	AVG
5	0.5594	32.42	9.94	42.36	56.00	-13.64	QP
6	0.5594	22.62	9.94	32.56	46.00	-13.44	AVG
7	0.9284	25.21	10.05	35.26	56.00	-20.74	QP
8	0.9284	11.91	10.05	21.96	46.00	-24.04	AVG
9	1.2390	23.17	10.08	33.25	56.00	-22.75	QP
10	1.2390	8.93	10.08	19.01	46.00	-26.99	AVG
11	11.2964	30.69	11.00	41.69	60.00	-18.31	QP
12	11.2964	17.55	11.00	28.55	50.00	-21.45	AVG

Note: 1. Result = Reading + Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

# 11. TEST DATA - Appendix A

# **Duty Cycle**

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	BLE 1M	2402	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2440	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2480	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2402	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2440	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2480	Ant1	0	0	100	0	0	1

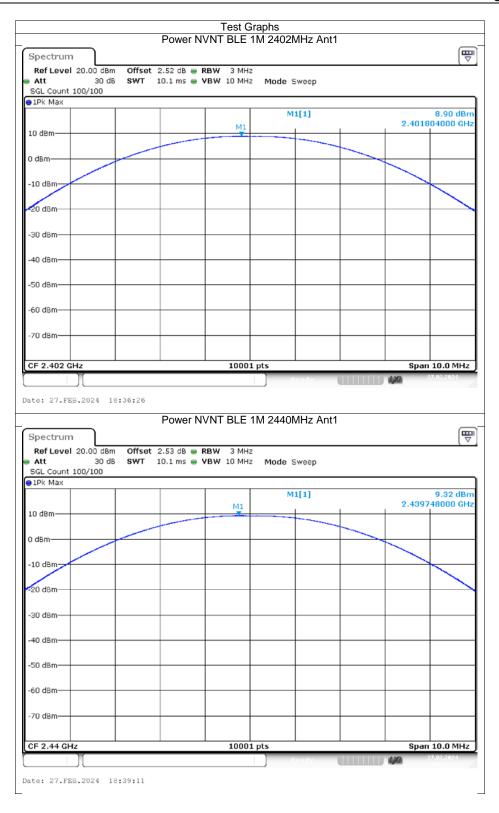
		D	utv Cvcle	9 NVNT BL	E 11VI 240	)2MHz A	nt1		
Spectrum									₽
Ref Level				RBW 1 MHz					( -
SGL	30 dB	I SWT	5 ms 👄	VBW 3 MHz					
●1Pk Clrw									
					М	1[1]			8.28 dBm
10 dBm						1	M1	3.	848000 ms
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.402 G	Hz			1000	1 pts		· · · ·		500.0 µs/
Marker Type   Ref	Trol	X-value		Y-value	Fund	tion	Eupo	tion Result	
							Func	cion Result	
M1	1		848 ms	8.28 dB					
				8.28 dB		Ready		4/4	27.02.2024
		3.1		8.28 dB		Ready		490	27.02.2024
M1	1 )[	3.1	848 ms	8.28 dB	m	toody 40MHz A	nt1	440	27.02.2024
M1 ate: 27.FEE Spectrum	1 3.2024 18	3.1 8:37:06 D	uty Cycle	9 NVNT BL	m E 1M 244	40MHz A	nt1	40	07.02.2024 ₩ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
M1 ate: 27.FEE Spectrum <b>Ref Level</b>	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244	40MHz A	nt1	4,258	27.02.2024
M1 ate: 27.FEE Spectrum	1 3.2024 18 20.00 dBm	3.1 8:37:06 D	848 ms uty Cycle 2.53 dB	9 NVNT BL	E 1M 244	40MHz A	nt1	494	27.02.2024
M1 ate: 27.FEE Spectrum Ref Level Att	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	4/4	
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244	40MHz A	nt1	M1 4.	9.12 dBm 329000 ms
M1 ate: 27.FEE Spectrum Ref Level Att SGL	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm 0 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm 0 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10.dBm -10 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm -10 dBm -20 dBm -30 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10.dBm -10.dBm -20.dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm -10 dBm -20 dBm -30 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw 10.dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	1 3.2024 18 20.00 dBm	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	E 1M 244		nt1	M1 4.	9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw 10.dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70 dBm	1 3.2024 18 20.00 dBm 30 dB	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL     RBW 1 MH2     VBW 3 MH2	m E 1M 244		nt1		9.12 dBm 329000 ms
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10.dBm -10.dBm -20.dBm -20.dBm -40.dBm -50.dBm -70.dBm -70.dBm CF 2.44 GH:	1 3.2024 18 20.00 dBm 30 dB	3.1 3:37:06 D Offset	848 ms uty Cycle 2.53 dB	NVNT BL	m E 1M 244		nt1		9.12 dBm
M1 ate: 27.FEE Spectrum Ref Level Att SGL 1Pk Clrw 10.dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70 dBm	20.00 dBm 30 dB	3.1 D Offset • SWT	2.53 dB 2.55 d	NVNT BL     RBW 1 MH2     VBW 3 MH2	m   E 1M 244				9.12 dBm 329000 ms
M1 ate: 27.FEE Spectrum Ref Level Att SGL 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 30 dB	3.1 D Offset • SWT	2.53 dB  2.54 dB  2.5	NVNT BL     RBW 1 MH2     VBW 3 MH2	m   E 1M 244				9.12 dBm 329000 ms

10 dBm	9.12 dBi 1 4.250500 m
Att         30 dB         SWT         5 ms         VBW 3 MHz           SGL         1Pk Clrw         M1[1]         M2           10 dBm         0 dBm         0 dBm         0 dBm         0 dBm           -10 dBm         0 dBm         0 dBm         0 dBm         0 dBm           -20 dBm         0 dBm         0 dBm         0 dBm         0 dBm         0 dBm           -30 dBm         0 dBm	
SGL 1Pk Clrw M1[1] 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -30 dBm -40 dBm -50 dBm	
M1[1] M1 101 dBm -0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	
10 dBm M1 0 dBm 0 dBm	
0 dBm	
-10 d8m	
-20 d8m	
-20 d8m	
-30 d8m	
-40 dBm	
-50 d8m	
-50 d8m	
-60 d8m	
-70 dam	
-70 d8m	
CF 2.48 GHz 10001 pts	500.0 µs/
Marker	
Type         Ref         Trc         X-value         Y-value         Function         Function R           M1         1         4.2505 ms         9.12 dBm <t< td=""><td>esult</td></t<>	esult
Ready	27.02.2024
RefLevel 20.00 dBm Offset 2.52 dB	
SGL 1Pk Clrw	
M1[1]	8.35 dB
10 dBm	4.082500 m
	no- and dollarshilding
-10 dBm	
-20 d8m-	
20 d9m	
-30 d8m	
-30 dBm	
-40 dBm	
-40 dBm	
-40 d8m	
-40 d8m	502.0
-40 dBm -50 dBm -60 dBm -70 dBm CF 2.402 GHz 10001 pts	500.0 µs/
-40 dBm -50 dBm -50 dBm -60 dBm -70	
-40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.402 GHz 10001 pts Marker	

		_	L		9 NVNT BLE	2 2101 244				Ē
Spect				o 50 do -						۳)
Ref Lo Att	evel	20.00 dBr 30 d	m Offset B = SWT		VBW 3 MHz					
SGL			0	0.00	1011 01112					
1Pk Cl	rw									
						M	1[1]			8.72 dBr 附进62000 m
10 dBm										M.HO2000 III
D dBm—		distanti de la seco	and the state of the local		to an interaction of the	de andre by AMUUU	أراه الرام الراريا المته	100 Sh Jala ta ang Ali	ala ng kabupit attanya d	na fa da da da barro en el
J UBIII-										
-10 dBm	n-+-									_
-20 dBm										
-20 dBm										
-30 dBm	n				+				+	
-40 dBm										
-50 dBm	n									_
-60 d8m	n-+-									
-70 dBm	n									_
CF 2.4	4 GHz	2			10001	pts				500.0 µs/
1arker										
Type M1	Ref	Trc 1	X-valu	e	Y-value 8.72 dBr	Funct	tion	Fur	iction Res	ult
		7			0112 001				1.147	27 02 2024
Spect	rum			Outy Cycle	e NVNT BLE	E 2M 248	0MHz A	.nt1		Ē
Spect Ref Lo	rum	20.00 dB	C	2.55 dB 🖷	RBW 1 MHz	E 2M 248	0MHz A	.nt1		T 7
Spect Ref Lo Att SGL	rum evel	20.00 dB	m Offset	2.55 dB 🖷		E 2M 248	omhz A	.nt1		E C
Spect Ref Lo Att SGL	rum evel	20.00 dB	m Offset	2.55 dB 🖷	RBW 1 MHz			.nt1		
Spect Ref Lo Att SGL IPk Cl	rum evel rw	20.00 dB	m Offset	2.55 dB 🖷	RBW 1 MHz		0MHz A	.nt1		8.80 dBr 1.026000 m
Spect RefLi SGL 1Pk Cl	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Specta Ref Lo Att SGL 1Pk Cl	rum evel	20.00 dB	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]	.nt1		8.80 dBi
Specto Ref Lo Att SGL 1Pk Cl 10 dBm 0 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]		d second se	8.80 dBi 1.026000 m
Specto Ref Lo Att SGL 1Pk Cl 10 dBm 0 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBi 1.026000 m
Specto Ref Lo Att SGL 1Pk Cl 10 dBm 0 dBm -10 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Specto Ref Lo SGL 1Pk Cl 10 dBm -10 dBm -20 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBi 1.026000 m
Spect Ref Lo Att SGL 1Pk Cl 10 dBm -10 dBm -20 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Spects RefLo Att SGL 1Pk Cl	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Specto Ref Lo Att SGL 10 dBm -10 dBm -20 dBm -30 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Specto Ref Lo Att SGL 1Pk Cl 10 dBm- -10 dBm- -20 dBm -30 dBm	rum evel	20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Specto Ref Lo Att SGL 1Pk Cl 10 dBm -10 dBm -20 dBm -30 dBm		20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Spects Ref Li Att SGL 1Pk Cl 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm		20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Spects Ref Li Att SGL 1Pk Cl 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm		20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz	M	1[1]			8.80 dBr 1.026000 m
Spects Ref Li Att SGL 1Pk Cl 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -60 dBm -60 dBm -70 dBm		20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz     VBW 3 MHz		1[1]			8.80 dBr 1.026000 m
Spects Ref Li Att SGL 10 / DPk Cl 10 / dBm -10 / dBm -10 / dBm -20 / dBm -20 / dBm -30 / dBm -40 / dBm -60 / dBm -60 / dBm -70 / dBm -70 / dBm -70 / dBm -70 / dBm		20.00 dBa 30 d	m Offset B ⊕ SWT	2.55 dB = 5 ms =	RBW 1 MHz		1[1]			8.80 dBr 1.026000 m
Specta Ref Li Att SGL 11Pk Cl 11Pk Cl 10 dBm -10 dBm -20 d		20.00 dBi 30 d	m Offset B ⊕ SWT	2.55 dB	RBW 1 MHz     VBW 3 MHz				i i i i i i i i i i i i i i i i i i i	8.80 dBr 1.026000 m 1.02600 m
Specb Ref Li Att SGL 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -30 dBm		20.00 dBi 30 d	C m Offset B SWT	2.55 dB	RBW 1 MHz     VBW 3 MHz	pts				8.80 dBr 1.026000 m 1.02600 m
Specto Ref Li Att SGL 10 dBm 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -40 dBm -50 dBm -50 dBm -70 dBm CF 2.44 larker Type		20.00 dBi 30 d	C m Offset B SWT	2.55 dB = 5 ms =	RBW         1 MHz           VBW         3 MHz	pts				8.80 dBr 1.026000 m 1.02600 m

# Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	E.I.R.P (dBm	E.I.R.P Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	8.9	0	8.9	30	13.06	<=36.02	Pass
NVNT	BLE 1M	2440	Ant1	9.32	0	9.32	30	13.48	<=36.02	Pass
NVNT	BLE 1M	2480	Ant1	9.44	0	9.44	30	13.60	<=36.02	Pass
NVNT	BLE 2M	2402	Ant1	9.02	0	9.02	30	13.18	<=36.02	Pass
NVNT	BLE 2M	2440	Ant1	9.37	0	9.37	30	13.53	<=36.02	Pass
NVNT	BLE 2M	2480	Ant1	9.56	0	9.56	30	13.72	<=36.02	Pass
Note1: Anten Note2: E.I.R.		4.16dBi; ured Power + Ar	ntenna Gain							

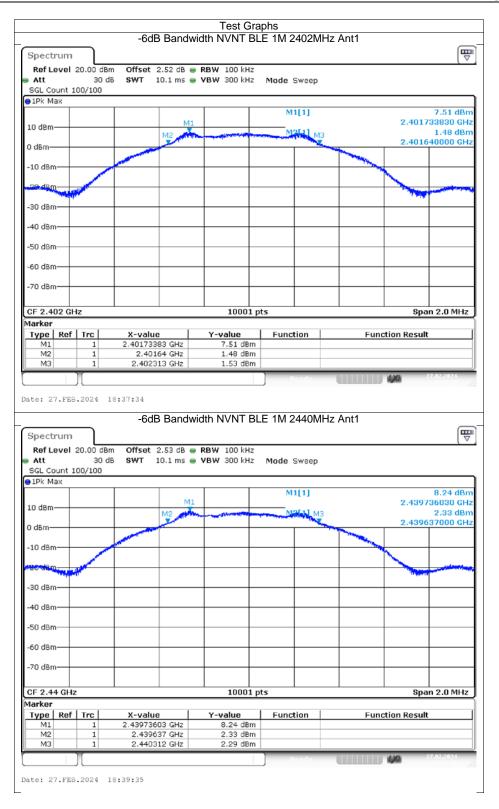


Spectrum					1M 2480N				E
Ref Level Att SGL Count	20.00 dBm 30 dB 100/100		2.55 dB 🖶 🖡 10.1 ms 🖶 🕻			weep			
1Pk Max									
					M1	[1]		0 4707	9.44 dBr
10 dBm				M1				2.4797	11000 GH
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm									
50 05111									
-40 dBm									
-50 d8m									
-60 dBm									
-70 dBm									
-70 asm									
CF 2.48 GH	lz			1000:	1 pts			Span	10.0 MHz
Spectrum					2M 2402N	IHz Ant1			H 7
Spectrum Ref Level	1 20.00 dBm 30 dB	n Offset	Power N 2.52 dB • F 10.1 ms • V	<b>авж</b> з мна	2				T 7
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>авж</b> з мна	2				Ē
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>авж</b> з мна	2 2 Mode St				
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep	1	2.4018	9.02 dBi
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	RBW 3 MH2 VBW 10 MH2	2 2 Mode St	weep		2.4018	9.02 dBi
Spectrum Ref Level • Att SGL Count • 1Pk Max 10 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBi
Spectrum Ref Level • Att SGL Count • 1Pk Max 10 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count IPk Max 10 dBm 0 dBm -10 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count IPk Max 10 dBm 0 dBm -10 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count IPk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 2 Mode St	weep		2.4018	9.02 dBr
Spectrum Ref Level SGL Count ID dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	20.00 dBm 30 dB 100/100	n Offset	2.52 dB 👄 F	ABW 3 MH2 /BW 10 MH2	2 Mode St	weep			9.02 dBr
Spectrum Ref Level SGL Count SGL Count 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	20.00 dBm 30 dB 100/100	n Offset	2.52 dB 👄 F	<b>RBW</b> 3 MH2 <b>/BW</b> 10 MH2 M1	2 Mode St	weep			9.02 dBr

Spectrum					2M 2440Mł			E
Ref Level Att SGL Count	20.00 dBm 30 dB			RBW 3 MHz VBW 10 MHz		еер		
1Pk Max	100/100							
					M1[	1]		9.37 dBr
10 dBm				M			2.4399	59000 GH
10 dbiii								
0 dBm								
-10 dBm								
-20 dBm								
-30 dBm								
00 00.00								
-40 dBm								
-50 dBm								
60 d0								
-60 dBm								
-70 dBm								
, o usin								
CF 2.44 GH	12			10001	i pis		span	10.0 MH
Spectrum	,	8:45:28			2M 2480Mł	Hz Ant1		E C
Spectrum <b>Ref Leve</b> l		n Offset	2.55 dB 😑 I	VNT BLE 2 RBW 3 MHZ VBW 10 MHZ	:			H V
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz	2			T T
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz	: Mode Sw	еер		
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz	:	еер	 2.4798	9.56 dB
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	 2.4798	9.56 dB
Spectrum Ref Level o Att SGL Count IPk Max	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dB
Spectrum Ref Level o Att SGL Count IPk Max	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level SGL Count JIPk Max 10 dBm 0 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dB
Spectrum Ref Level SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count JPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count JPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBr
Spectrum Ref Level Att SGL Count JPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBr
Spectrum Ref Level SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	1 20.00 dBm 30 dB	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	: Mode Sw	еер	2.4798	9.56 dBi
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm	20.00 dBm 30 dE 100/100	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	Mode Sw	еер		9.56 dB 86000 GF
Spectrum Ref Level SGL Count SGL Count ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	20.00 dBm 30 dE 100/100	n Offset	2.55 dB 😑 I	RBW 3 MHz VBW 10 MHz	Mode Sw	еер		9.56 dBr 86000 GH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.67	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.68	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.68	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.14	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.14	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.14	0.5	Pass

## -6dB Bandwidth

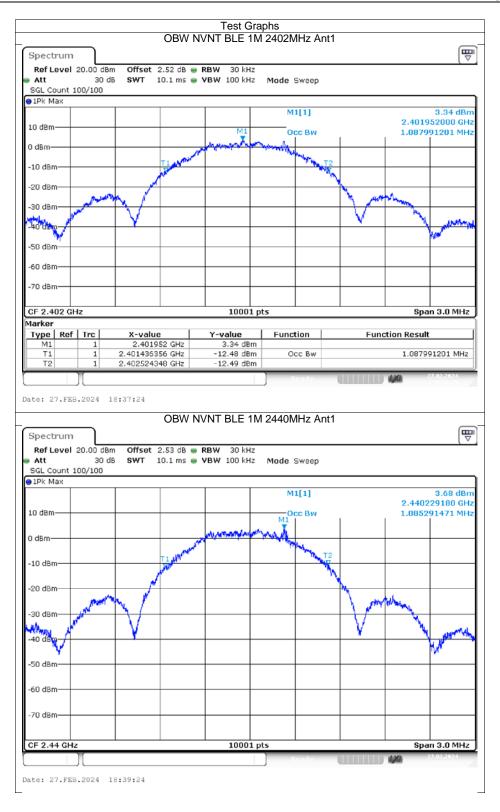


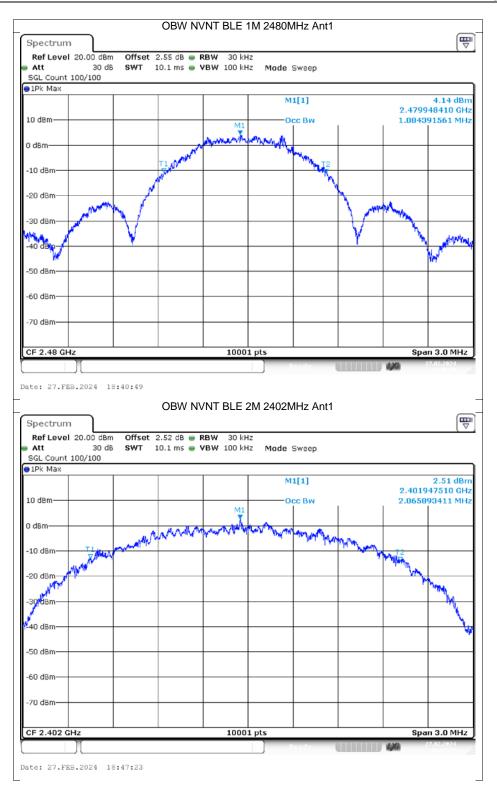
		-6d	B Bandwi	idth NVNT BL	E 1M 2480MF.	Iz Ant1		_
Spectrun	n							
	I 20.00 dB			RBW 100 kHz				
Att SGL Count	30 d 100/100	IB SWT	10.1 ms 🖶	<b>VBW</b> 300 kHz	Mode Sweep			
●1Pk Max								
			M1		M1[1]		2 47979	8.38 dBm 4430 GHz
10 dBm			M2		Malil M3		2.17570	2.48 dBm
0 dBm							2.47963	9000 GH2
-10 dBm		and the second sec				and the second se		
		`						
-zo-dem	and the second se			+ +			- Contraction	State of State of State of State
-30 dBm								
-40 dBm								
-40 0811								
-50 dBm								
-60 d8m								
70 40								
-70 dBm								
CF 2.48 G	l Hz			10001 p	ts		Span	2.0 MHz
Marker								
Type Re M1		2.47973		Y-value 8.38 dBm	Function	Fun	ction Result	
M1 M2	1		639 GHz	2.48 dBm				
M3	1	2.480	317 GHz	2.38 dBm				
	Л				Ready		4/4	.02.2024
		-6d	B Bandwi	idth NVNT BL	E 2M 2402MF	Iz Ant1		Ē
	I 20.00 dB	m Offset	2.52 dB 👄	RBW 100 kHz		łz Ant1		E
	l 20.00 dB 30 d	m Offset	2.52 dB 👄		E 2M 2402MH Mode Sweep	Iz Ant1		
Ref Leve Att SGL Count	l 20.00 dB 30 d	m Offset	2.52 dB 👄	RBW 100 kHz	Mode Sweep	Iz Ant1		( ▽
Ref Leve Att SGL Count PIPk Max	l 20.00 dB 30 d	m Offset	2.52 dB 👄	RBW 100 kHz VBW 300 kHz		Iz Ant1	2 40197	(⊽ 7.31 dBm
Ref Leve Att SGL Count	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep			7.31 dBm 0600 GH 0.78 dBm
Ref Leve Att SGL Count 1Pk Max	I 20.00 dB 30 d	m Offset	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]	Iz Ant1		7.31 dBm 0600 GH 0.78 dBm
Ref Leve Att SGL Count 1Pk Max 10 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			(∇ 7.31 dBn 0600 GH: 0.78 dBn 2000 GH:
Ref Leve Att SGL Count IPk Max 10 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBn 0600 GH; 0.78 dBn 2000 GH;
Ref Leve Att SGL Count 1Pk Max	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBn 0600 GH; 0.78 dBn 2000 GH;
Ref Leve Att SGL Count 1Pk Max 10 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBn 0600 GH; 0.78 dBn 2000 GH;
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			7.31 dBm 0600 GHz 0.78 dBm
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			(∇ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			(∇ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	I 20.00 dB 30 d	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1]			( ⊽ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm	I 20.00 dB/ 30 d 100/100	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1] M2[1] M2[1]		2.40140	(▼ 7.31 dBm 0000 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	I 20.00 dB/ 30 d 100/100	m Offset IB SWT	2.52 dB 👄	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1] M2[1		2.40140	(∇ 7.31 dBm 0600 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           SGL Count           10 dBm           0 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           CF 2.402 C           Marker           Type	I 20.00 dB 30 d 100/100	M Offset B SWT	2.52 dB  10.1 ms 10.1	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1] M2[1		2.40140	[⊽ 7.31 dBm 0000 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           CF 2.402 C           Marker	I 20.00 dB 30 d 100/100	m Offset B SWT	2.52 dB	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1] M2[1]   _		2.40140	[ ▼ 7.31 dBm 0000 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           CF 2.402 (Marker           Type         Re           M1	I 20.00 dB 30 d 100/100 I I I I I I I I I I I I I	m Offset B SWT M2 X-valu 2.4019 2.4019	2.52 dB = 10.1 ms =	RBW 100 kHz VBW 300 kHz	Mode Sweep M1[1] M2[1]   _		2.40140	[⊽ 7.31 dBm 0000 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           GF 2.402 Omr           M1           M2	I 20.00 dB 30 d 100/100 31 d 31 dz f Trc 1 1	m Offset B SWT M2 X-valu 2.4019 2.4019	2.52 dB = 10.1 ms =	RBW 100 kHz VBW 300 kHz M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1	Mode Sweep M1[1] M2[1]   _		2.40140 Span	(▼ 7.31 dBm 0000 GHz 0.78 dBm 2000 GHz
Ref Leve           Att           SGL Count           91Pk Max           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm           CF 2.402 C           Marker           Type           M1           M2           M3	I 20.00 dB 30 d 100/100 31 d 31 dz f Trc 1 1	M Offset B SWT	2.52 dB = 10.1 ms =	RBW 100 kHz VBW 300 kHz M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1 M1	Mode Sweep M1[1] M2[1]   _	Fun	2.40140 Span	(⊽ 7.31 dBn 00600 GH: 0.78 dBn 2000 GH:

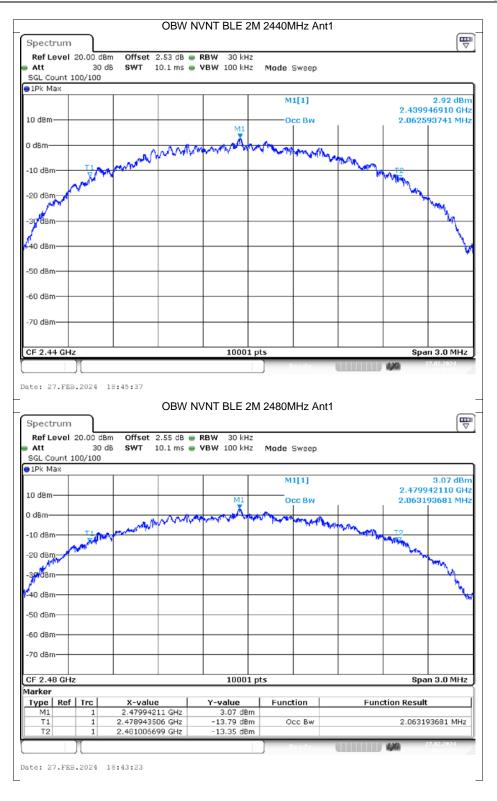
Spectrum Ref Level		001	Dunum	idth NVNT B	LE 2111 2440	IVIHZ ANTI		_
								Ę
Att	20.00 dBn 30 d8			RBW 100 kHz	Mada Gua			
SGL Count 1		5 5141	10.1 ms 🖶	VBW 300 kHz	Mode Swee	p		
1Pk Max			1					
				М1	M1[1]			7.66 dB 2.439973200 GF
10 dBm	N	2			M2[1]		МЗ	0.75 dB
0 dBm				In rotan and a second			N.C.	2.439400000 GH
-10 dBm								
-20 d8m								
-30 d8m								
-40 d8m								
-50 d8m								
-60 d8m				++				
-70 dBm								
-/0 0811								
CF 2.44 GH:	z			10001	pts			Span 2.0 MH:
larker								
Type Ref M1	1 1	2.43997		Y-value 7.66 dBm	Function		Functior	n Result
M2	1	2.43	94 GHz	0.75 dBm	1			
M3	1	2.4405	42 GHz	1.53 dBm				
ate: 27.FEE	B.2024 1	8:45:45						
		-6dI	3 Bandwi	idth NVNT B	LE 2M 2480	MHz Ant1		
Spectrum								G
Ref Level	20.00 dBn							<b>Q</b>
				RBW 100 kHz				[4
Att SGL Count 1	30 d8			RBW 100 kHz VBW 300 kHz	Mode Swee	p		(4
SGL Count 1	30 d8				Mode Swee	p		(4
SGL Count 1	30 d8			<b>VBW</b> 300 kHz	Mode Swee	p		7.77 dB
SGL Count 1 1Pk Max	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	q	мз	7.77 dB 2.479970800 GF
SGL Count 1 1Pk Max 10 dBm	30 d8	B SWT		<b>VBW</b> 300 kHz		p	M3	7.77 dB
SGL Count 1 1Pk Max 10 dBm 0 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	ep	мз	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]		M3	7.77 dB 2.479970800 GF 1.06 dB
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	q	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]			7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm	30 df 100/100	B SWT		VBW 300 kHz	M1[1]		M3	7.77 dB 2.479970800 GF 2.479399000 GF
SGL Count 1 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -50 dBm -70 dBm	30 di 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 G 1.06 dB 2.479399000 G 1.07 dB 2.479399000 G 1.07 dB 2.479399000 G 1.07 dB 2.47939000 G 1.07 dB 2.47939000 G 1.07 dB 2.47939000 G 1.07 dB 2.47939000 G 1.07 dB 2.479970800 G 1.06 dB 2.479970800 G 1.07 dB 2.47997000 G 1.07 dB 2.47997000 G 1.07 dB 2.47997000 G 1.07 dB 2.47997000 G 1.07 dB 2.47997000 G 2.47997000 G 2.47997000 G 2.47997000 G 2.47997000000 G 2.479970000000000000000000000000000000000
SGL Count 1 PR Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -70 dBm	30 di 100/100	B SWT		VBW 300 kHz	M1[1]	p	M3	7.77 dB 2.479970800 GF 2.47999000 GF
SGL Count 1           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	30 di 100/100 // 00 // 0	B SWT	e	VBW 300 kHz	M1[1] M2		M3	7.77 dB 2.479970800 GF 1.06 dB 2.479399000 GF
SGL Count 1           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	30 di 100/100	E SWT	e 008 GHz	VBW 300 kHz	M1[1] M2	p		7.77 dB 2.479970800 GF 1.06 dB 2.479399000 GF
SGL Count 1           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	30 di 100/100	B SWT	e	VBW 300 kHz	M1[1]			7.77 dB 2.479970800 GF 1.06 dB 2.479399000 GF
SGL Count 1           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -60 dBm           -60 dBm           -70 dBm           CF 2.48 GHz           Marker           Type           Ref           M1	30 di 100/100	B SWT	e 00 GHz 199 GHz	VBW 300 kHz M1 TTM	M1[1]		Function	7.77 dB 2.479970800 G 1.06 dB 2.479399000 G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Oboupi		Banamath		
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.088
NVNT	BLE 1M	2440	Ant1	1.085
NVNT	BLE 1M	2480	Ant1	1.084
NVNT	BLE 2M	2402	Ant1	2.066
NVNT	BLE 2M	2440	Ant1	2.063
NVNT	BLE 2M	2480	Ant1	2.063

# **Occupied Channel Bandwidth**

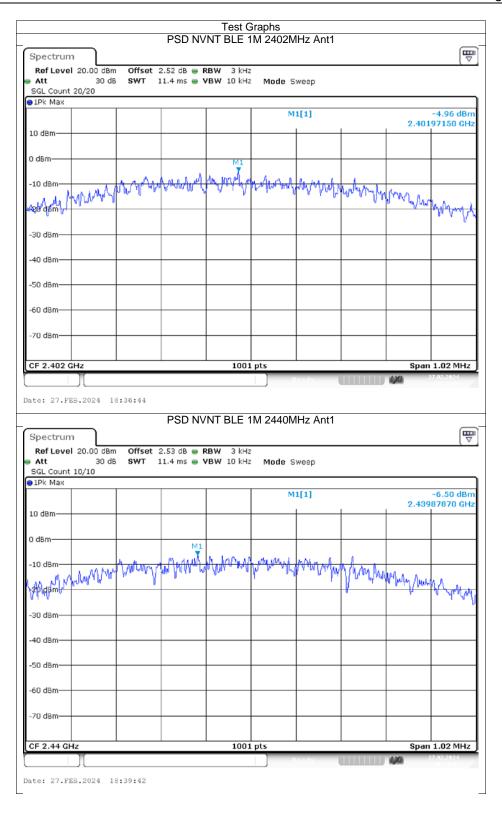




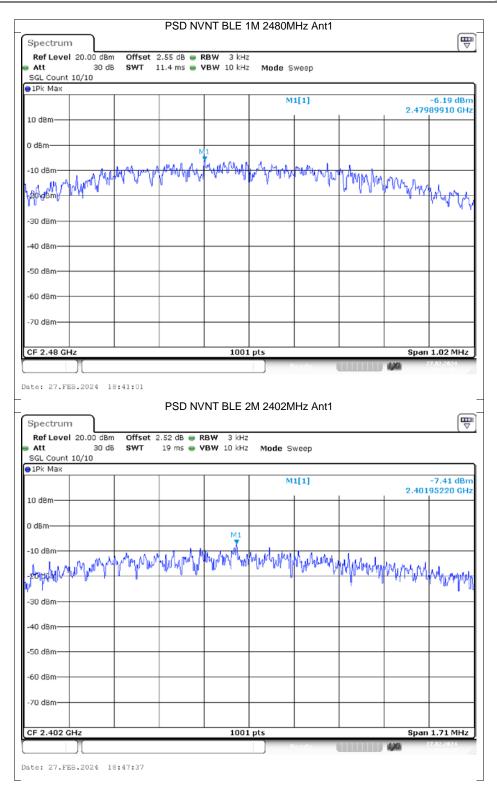


# **Maximum Power Spectral Density Level**

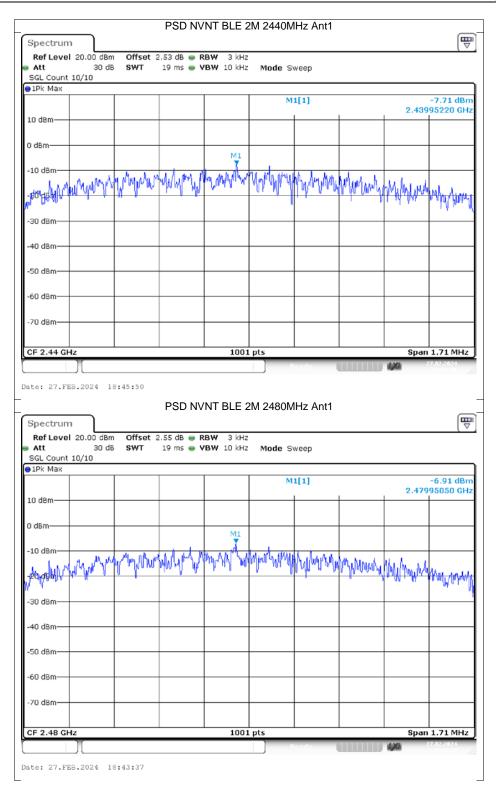
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-4.96	0	-4.96	8	Pass
NVNT	BLE 1M	2440	Ant1	-6.5	0	-6.5	8	Pass
NVNT	BLE 1M	2480	Ant1	-6.19	0	-6.19	8	Pass
NVNT	BLE 2M	2402	Ant1	-7.41	0	-7.41	8	Pass
NVNT	BLE 2M	2440	Ant1	-7.71	0	-7.71	8	Pass
NVNT	BLE 2M	2480	Ant1	-6.91	0	-6.91	8	Pass



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# Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-54.84	-20	Pass
NVNT	BLE 1M	2480	Ant1	-59.03	-20	Pass
NVNT	BLE 2M	2402	Ant1	-50.6	-20	Pass
NVNT	BLE 2M	2480	Ant1	-57.35	-20	Pass

		Bar	nd Edae	Test G NVNT BLE	1M 2402N	/Hz Ant1	Ref		
Spectrum	<u> </u>		- J-						Ē
Ref Level Att	20.00 dBn 30 dB			RBW 100 kH: VBW 300 kH:					
SGL Count		3111	1 1115	YBW 300 KH	z <b>Mode</b> S	weep			
●1Pk Max		1	1			141			7.00 dB
					M1	[1]		2.40	7.09 dBm 175220 GHz
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0 dBm				1					
					( )				
-10 dBm									
-20 d8m					$\langle \rangle$				
-20 0011			1	W	Y	~			
-30 dBm			ml			1			
10 10-1			r v			VX			
-40 dBm		0.0					n land		
-50 d8m	with the	mount					and the second	mhum	
John Jam	jeve v							- Sunday	www
-60 d8m									
-70 d8m									
CF 2.402 G	Hz			1001	pts			Spa	in 8.0 MHz
ate: 27.FE	B.2024 1		Edge NV	NT BLE 1M	1 2402MH:	z Ant1 Ei	mission	agas	10:37:55
Spectrum	_	Band B		NT BLE 1M		z Ant1 Ei	mission		
Spectrum Ref Level Att	20.00 dBn 30 dB	Band B	2.52 dB 🥃		z		mission	ages	(H
Spectrum Ref Level Att SGL Count	20.00 dBn 30 dB	Band B	2.52 dB 🥃	<b>RBW</b> 100 kH:	z		mission	4,04	(IIII)
Spectrum Ref Level Att SGL Count	20.00 dBn 30 dB	Band B	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z <b>Mode</b> S		mission		6.84 dBn
Spectrum Ref Level Att SGL Count	20.00 dBn 30 dB	Band B	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽/€H: -48.29 ₽Bn
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBn 30 dB	Band B	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽₁⊊H: -48.29 <mark>7</mark> 8n
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm	20.00 dBm 30 dE 100/100	Band B Offset : SWT	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽/€H: -48.29 ₽Bn
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm	20.00 dBn 30 dB	Band B Offset : SWT	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽₁⊊H: -48.29 <mark>7</mark> 8n
Spectrum Ref Level SGL Count ID dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dE 100/100	Band B Offset : SWT	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽/€H: -48.29 ₽Bn
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm	20.00 dBm 30 dE 100/100	Band B Offset : SWT	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽/€H: -48.29 ₽Bn
Spectrum Ref Level SGL Count ID dBm 0 dBm -10 dBm -20 dBm	20.00 dBm 30 dE 100/100	Band B Offset : SWT	2.52 dB 🥃	<b>RBW</b> 100 kH:	z z Mode S M1	weep	mission		6.84 dBn 20500₽/€H: -48.29 ₽Bn
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dBm 30 dE 100/100	Band B Offset : SWT	2.52 dB	RBW 100 kH VBW 300 kH	z Mode S M1 M2	weep [1] [1]		2.400	6.84 dBn 205008/9H -48.29 JBn 200000 GH 
Spectrum Ref Level Att SGL Count ID MBM 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	20.00 dBn 30 df 100/100	Band B Offset : SWT	2.52 dB	RBW 100 kH VBW 300 kH	z Mode S M1 M2	weep [1] [1]		2.400	6.84 dBn 205008/9H -48.29 JBn 200000 GH 
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBn 30 df 100/100	Band E	2.52 dB	<b>RBW</b> 100 kH:	z Mode S M1 M2	weep [1] [1]		2.400	6.84 dBn 205008/9H -48.29 JBn 200000 GH 
Spectrum Ref Level Att SGL Count IDk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBn 30 df 100/100	Band E	2.52 dB	RBW 100 kH VBW 300 kH	z Mode S M1 M2	weep [1] [1]		2.400	6.84 dBn 205009/9H -48.29 7Bn 000000 GH 
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm	20.00 dBn 30 dE 100/100	Band E	2.52 dB	RBW 100 kH VBW 300 kH	z Mode S M1 M2 M2	weep [1] [1]		2.400	6.84 dBn 205008/9H -48.29 JBn 200000 GH 
Spectrum Ref Level Att SGL Count 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -70 dBm Stort 2.306 Marker	20.00 dBn 30 dE 100/100 D1 -12.908	Band E	2.52 dB	RBW 100 kH VBW 300 kH 300 kH	2 Mode S M1 M2	weep [1] [1]		2.400	6.84 dBn 205000/GH2 -48.29 /Bn 300000 GH2
Ref Level           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           Stort 2.3006           Marker	20.00 dBn 30 dE 100/100 D1 -12.908	Band E	2.52 dB • 1 ms •	RBW         100 kH;           VBW         300 kH;	2 Mode S M1 M2 M2 Murs Huge John pts Funct	weep [1] [1]		2.400	2.406 GHz
Spectrum           Ref Level           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -50 dBm           Start 2.306           Marker           Type           M1           M2	20.00 dBn 30 dE 100/100 D1 -12.908	Band E	2.52 dB	RBW 100 kH VBW 300 kH 	2 2 Mode S M1 M2 M2 M2 M1 M2 M2 M2 M2 M1 M2 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	weep [1] [1]		2.400	6.84 dBn 205000/GH2 -48.29 /Bn 300000 GH2
Spectrum Ref Level Att SGL Count ID dBm 0 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 d	20.00 dBn 30 dE 100/100 D1 -12.908	Band E	2.52 dB 1 ms 1 ms 2.52 dB 1 ms 1 ms 2.52 dB 1 ms 2.52 dB 1 ms 2.52 dB 1 ms 2.52 dB 1 ms 2.52 dB 2.52 dB	RBW 100 kH VBW 300 kH 300 kH	2 2 Mode S M1 M2 M2 M2 M1 M2 M2 M2 M2 M1 M2 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	weep [1] [1]		2.400	6.84 dBn 205000/GH2 -48.29 /Bn 300000 GH2

	Band Edge	NVNT BLE 1M	I 2480MHz An	it1 Ref		
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Ref Level 20.00 dB	3m Offset 2.55 dB 🖷	RBW 100 kHz				(v
∎ Att 30 d			Mode Sweep			
SGL Count 100/100						
The wax			M1[1]		8.32	2 dBm
		M1			2.4797443	
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		1 1 1 1 1				
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-20 dBm			<u>\</u>			
-20 dbm		Ψ I	- M			
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-50 0.511	r w		W	N.		
-40 dBm	· · ·		`	1		
	are a			M.		
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-50 dBm					mon m	ww
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CF 2.48 GH2		1001 pts	,		span 8.0	24
Spectrum Ref Level 20.00 dB	3m Offset 2.55 dB 🖷	<b>PBW</b> 100 kHz				(₩
Att 30 0			Mode Sweep			
SGL Count 100/100						
1Pk Max						
		1 1	M1[1]		7.00	dDaw
M1						i dBm 0 GHz
10 dem			M2[1]		2.4802500 -51.90	0 GHz ) dBm
10 dem			M2[1]		2.4802500	0 GHz ) dBm
) dem			M2[1]		2.4802500 -51.90	0 GHz ) dBm
) dBm	/8 dBm		M2[1]		2.4802500 -51.90	0 GHz ) dBm
0 d8m	78 dBm		M2[1]		2.4802500 -51.90	0 GHz ) dBm
D dām -10 cBmD1 -11.67 -20 dām	78 dBm		M2[1]		2.4802500 -51.90	0 GHz ) dBm
0 d8m	78 dBm		M2[1]		2.4802500 -51.90	0 GHz ) dBm
0 dām01 -11.67 20 dam01 -11.67 30 dēm	78 dBm		M2[1]		2.4802500 -51.90	0 GHz ) dBm
0 dēm01 -11.67 20 dēm01 -11.67 30 dēm					2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
0 dēm01 -11.67 20 dēm01 -11.67 30 dēm					2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
0 d\$m-01 -11.67 20 d8m-01 -11.67 30 d8m					2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
0 dem01 -11.67 20 dem01 -11.67 30 dem 40 dem 50 dem 60 dem	dBm				2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
0 dem01 -11.67 20 dem01 -11.67 30 dem 40 dem 50 dem 60 dem					2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
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0 d8m 01 -11.67 -20 d8m 01 -11.67 -20 d8m		1001 pts	duranteenteenteenteenteenteenteenteenteente	lungersterfenset	2:4802500 -51.90 2:4835000	0 GHz ) dBm 0 GHz
0 d8m 01 -11.67 20 d8m 01 -11.67 20 d8m	et ful reversion of the second s	1001 pts	-vo-udarudeiathantak s		2.48025000 -51.90 2.48350000 	0 GHz ) dBm 0 GHz
0 d8m 01 -11.67 20 d8m 01 -11.67 20 d8m			duranteenteenteenteenteenteenteenteenteente		2:48025000 -51.90 2:48350000 	0 GHz ) dBm 0 GHz
10 dBm         D1 -11.67           20 dBm         D1 -11.67           20 dBm	сницальной изателя и изателя х-value 2.48025 GHz 2.4835 GHz	1001 pts Y-value 7.86 dBm -51.90 dBm	-vo-udarudeiathantak s		2.48025000 -51.90 2.48350000 	0 GHz ) dBm 0 GHz
0 d\$m 10 d\$m 10 d\$m 01 -11.67 20 d8m 40 d8m 40 d8m 50 d8m 50 d8m 70 d8m 70 d8m 51 ort 2.476 GHz 10 d8m 11 ord 12 ord 13 ord 14 ord 15 ord 15 ord 16 ord 16 ord 17 ord 18 ord 18 ord 18 ord 19 ord 10 ord 11 ord 10	<mark>(ค่ไป</mark>	1001 pts Y-value 7.86 dBm	-vo-udarudeiathantak s	Func	2.48025000 -51.90 2.48350000 	0 GHz ) dBm 0 GHz
0 d8m 01 -11.67 -20 d8m 01 -11.67 -20 d8m	сницальной изателя и изателя х-value 2.48025 GHz 2.4835 GHz	1001 pts Y-value 7.86 dBm -51.90 dBm	-vo-udarudeiathantak s		2.48025000 -51.90 2.48350000 	0 GHz ) dBm 0 GHz
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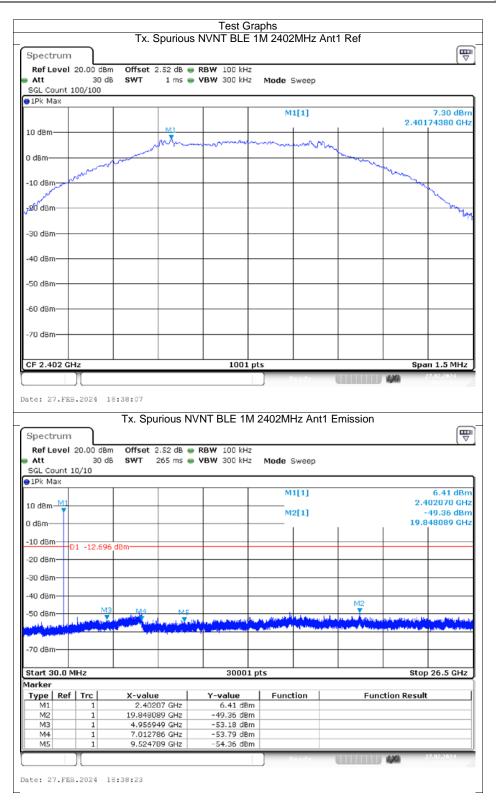
		Band	Lugen	VNT BLE 2	IVI 2402I		Rei		
Spectrur	n		•						Ē
	al 20.00 dBr	m Offset 2.5	2 dB 🥃 R	BW 100 kHz					(°)
Att	30 d	B SWT	1 ms 😑 🛛	' <b>BW</b> 300 kHz	Mode S	Sweep			
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10 dBm									
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01 2.402				1001	,(3			440	27.02.2024
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		Band Ed	ae NVN	T BLE 2M	2402MH	z Ant1 Er	mission		
Spectrur				T BLE 2M	2402MH	z Ant1 Er	nission		
	m al 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz			mission		
Ref Leve Att SGL Count	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R		2402MH Mode s		mission		
Ref Leve Att	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Sweep	mission		
Ref Leve Att SGL Count	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode S		mission	2.401	7.73 dBm
Ref Leve Att SGL Count	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep	mission		7.73 dBm L9500的GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep	mission		7.73 dBm 19500Ø1GHz
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep	mission		7.73 dBm L950009GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count 1Pk Max	el 20.00 dBr 30 d	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep	mission		7.73 dBm L950009GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 dB; 30 d t 100/100	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep			7.73 dBm L950009GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count PIPK Max 10 dBm	el 20.00 dB; 30 d t 100/100	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep			7.73 dBm L9500的GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count PIPK Max 10 dBm	el 20.00 dB; 30 d t 100/100	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep			7.73 dBm L9500的GHz -43.88 <mark>\$</mark> Bm
Ref Leve Att SGL Count 1Pk Max 10 dBm	el 20.00 dB; 30 d t 100/100	m Offset 2.5	2 dB 👄 R	<b>BW</b> 100 kHz	Mode s	Sweep			7.73 dBm 1950001GHz -43.88 fBm 1000001 GHz
Ref Leve           Att           SGL Count           ID dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	el 20.00 den 30 d t 100/100	m Offset 2.5 B SWT	2 dB	BW 100 kHz	Mode s	Sweep 1[1] 2[1]		2.400	7.73 dBm 195009iGHz -43.88 fBm 00000 GHz
Ref Leve Att SGL Count SGL Count 10 dBm	el 20.00 den 30 d t 100/100	m Offset 2.5 B SWT	2 dB	BW 100 kHz	Mode s	Sweep 1[1] 2[1]		2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz
Ref Leve Att SGL Count SGL Count 10 dBm	el 20.00 den 30 d t 100/100	m Offset 2.5 B SWT	2 dB	BW 100 kHz	Mode s	Sweep 1[1] 2[1]		2.400	7.73 dBm 195009iGHz -43.88 fBm 00000 GHz
Ref Leve Att SGL Count SGL Count IO dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm	el 20.00 den 30 d t 100/100	m Offset 2.5	2 dB	BW 100 kHz	Mode s	Sweep 1[1] 2[1]		2.400	7.73 dBm 195009iGHz -43.88 fBm 00000 GHz
Ref Leve Att SGL Count SGL Count 10 dBm	el 20.00 den 30 d t 100/100	m Offset 2.5 B SWT	2 dB	BW 100 kHz	Mode s	Sweep 1[1] 2[1]		2.400	7.73 dBm 195009iGHz -43.88 fBm 00000 GHz
Ref Leve           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm	D1 -13.27	m Offset 2.5 B SWT	2 dB	BW 100 kHz BW 300 kHz	Mode S M M: M:	Sweep 1[1] 2[1]		2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz 
Ref Leve           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm           Start 2.30           Marker	el 20.00 dBr 30 d t 100/100	m Offset 2.5 B SWT	2 dB	BW 100 kHz	Mode S M M: M:	Sweep 1[1] 2[1]		2.400	7.73 dBm 195009iGHz -43.88 fBm 00000 GHz
Ref Leve           Att           SGL Count           9 IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm           Start 2.30           Marker           Type         Ref	el 20.00 der 30 d t 100/100	m Offset 2.5. B SWT	2 dB  R	BW 100 kHz BW 300 kHz	Mode S M M: M: M: M: M: M: M: M: M: M: M: M: M	Sweep 1[1] 2[1]	للارم شرابالدر الدار	2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz
Ref Leve           Att           SGL Count           SGL Count           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.30           Marker           Type Ref           M1	el 20.00 den 30 d 100/100	m Offset 2.5 B SWT :	2 dB	BW 100 kHz BW 300 kHz	Mode S M M: M: M: M: M: M: M: M: M: M: M: M: M	Sweep 1[1] 2[1]	للارم شرابالدر الدار	2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz
Ref Leve           Att           SGL Count           9 IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm           Start 2.30           Marker           Type         Ref	el 20.00 der 30 d t 100/100	m Offset 2.5 B SWT :	2 dB 2 dB 1 ms V V GHz GHz GHz	BW 100 kHz BW 300 kHz	Mode S M M M interaction M M M M M M M M M M M M M M M M M M M	Sweep 1[1] 2[1]	للارم شرابالدر الدار	2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz
Ref Leve           Att           SGL Count           9 1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           Stort 2.300           Marker           Type           M1           M2	el 20.00 den 30 d 100/100	m Offset 2.5. B SWT	2 dB 2 dB 1 ms V V GHz GHz GHz	BW 100 kHz BW 300 kHz	Mode S M M M interaction M M M M M M M M M M M M M M M M M M M	Sweep 1[1] 2[1]	للارم شرابالدر الدار	2.400	7.73 dBm 1950001GHz -43.88 fBm 000000 GHz
Ref Leve           Att           SGL Count           SGL Count           IPk Max           10 dBm           -10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -70 dBm           Stort 2.30           M1           M2	el 20.00 dBr 30 d 100/100	m Offset 2.5. B SWT	2 dB 2 dB 1 ms V V GHz GHz GHz	BW 100 kHz BW 300 kHz	Mode S M M M interaction M M M M M M M M M M M M M M M M M M M	Sweep 1[1] 2[1]	للارم شرابالدر الدار	2.400	7.79 dBm 1950001GHz -43.88 fBm 000000 GHz

	Band Edge	NVNT BLE 2M	2480IVIHZ Ant	1 Ref		
Spectrum	0					B
Ref Level 20.00 dE	3m Offset 2.55 dB e	• RBW 100 kHz				(×.
<b>Att</b> 30			Mode Sweep			
SGL Count 100/100 Pk Max						
JPK Max			M1[1]		7	.43 dBm
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		mon	-~~			
0 dBm		N	Mr.			
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-20 dBm			h			
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	NY I			hang		
-40 dBm	کر ا			4		
	andread			hus		
-59 dBm	and a second sec				monner	mon
-60 dBm						
-60 asm						
-70 dBm						
-70 0811						
CF 2.48 GHz		1001 pts			Span (	B.O MHZ
			Ready		1,71	
	Band Edge N	/NT BLE 2M 24	180MHz Ant1 E	Emission		
Spectrum	0					
· _						<u> </u>
Ref Level 20.00 de	am Offset 2.55 dB	RBW 100 kHz				
Ref Level 20.00 de Att 30			Mode Sweep			(▽
Att 30 SGL Count 100/100			Mode Sweep			
Att 30						
Att 30     SGL Count 100/100     IPk Max			Mode Sweep M1[1]			.24 dBm 6000 GHz
Att 30 SGL Count 100/100					2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att 30     SGL Count 100/100     IPk Max			M1[1]		2.47995 -51	1.24 dBm 6000 GHz
Att         30           SGL Count 100/100         10k Max           ID dem         0           0 dam         0			M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att 30 SGL Count 100/100 1Pk Max 10 dBm	dB SWT 1 ms @		M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att         30           SGL Count 100/100         10k Max           10 dBm         0 dBm           00 dBm         10 dBm	dB SWT 1 ms @		M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att         30           SGL Count 100/100         10k Max           10 dBm         0           -10 dBm         01	dB SWT 1 ms @		M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att         30           SGL Count 100/100         10k Max           ID dBm         0           0 dBm         01 -12.57           -20 dBm         -12.57	dB SWT 1 ms @		M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att         30           SGL Count 100/100         10k Max           ID dBm         0           0 dBm         01 -12.57           -20 dBm         01 -12.57           -30 dBm         -10 dBm	dB SWT 1 ms @		M1[1]		2.47995 -51	1.24 dBm i000 GHz 69 dBm
Att         30           SGL Count 100/100         100/100           IPk Max         0           10 dBm         0           -10 dBm         01 -12.57           -20 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz 69 dBm 1000 GHz
Att 30 SGL Count 100/100 9 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dSm -40 dBm -40 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz 69 dBm 1000 GHz
Att 30 SGL Count 100/100 9 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dSm -40 dBm -40 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz 69 dBm 1000 GHz
Att         30           SGL Count 100/100         100/100           IPk Max         0           10 dBm         0           -10 dBm         01 -12.57           -20 dBm	dB SWT 1 ms @	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz 69 dBm 1000 GHz
Att         30           SGL Count 100/100         100/100           IPk Max         10 dBm           0 dBm         0           -10 dBm         01 -12.57           -20 dBm         -30 dBm           -30 dBm         -30 dBm           -60 dBm         -60 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz 69 dBm 1000 GHz
Att         30           SGL Count 100/100         100/100           IPk Max         10 dBm           0 dBm         0           -10 dBm         01 -12.57           -20 dBm         -30 dBm           -30 dBm         -30 dBm           -60 dBm         -60 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -53 2.48350	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att 30 SGL Count 100/100 9 IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -30 dSm -30 dSm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -51 2.48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att         30           SGL Count 100/100         SGL Count 100/100           IPk Max         0           ID dBm         0           -10 dBm         D1 -12.57           -20 dBm         -10.57           -20 dBm         -10.57           -30 dBm         -10.57           -50 dBm         -10.57           -50 dBm         -70.08           -70 dBm         -70.08           Start 2.476 GHz           Marker         Type           Type         Ref         Trc	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2:47995 -53 2:48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att 30 SGL Count 100/100 9 IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -30 dSm -30 dSm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	dB SWT 1 ms	• VBW 300 kHz	M1[1] M2[1]		2.47995 -51 2.48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att         30           SGL Count 100/100         IPk Max           ID dBm         0           0 dBm         01 -12.57           -20 dBm         01 -12.57           -30 dBm         -1.12.57           -30 dBm         -1.2.57           -50 dBm         -1.2.57           -50 dBm         -1.2.57           -50 dBm         -1.2.57           -50 dBm         -1.2.57           -70 dBm         -1.2.57           Start 2.476 GHz         -1.2.57           Marker         Trc           Mype         Ref         Trc           M1         1         1	dB SWT 1 ms	vBW 300 kHz	M1[1] M2[1]		2.47995 -51 2.48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att         30           SGL Count 100/100         SGL Count 100/100           IPk Max         0           ID dBm         0           -10 dBm         01 -12.57           -20 dBm	dB SWT 1 ms	VBW 300 kHz      ////////////////////////////////	M1[1] M2[1]		2.47995 -51 2.48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און
Att         30           SGL Count 100/100         SGL Count 100/100           IPk Max         Image: Count 100/100           ID dBm         0           0 dBm         0           -10 dBm         D1 -12.57           -20 dBm         -01 -12.57           -30 dBm         -01 -12.57           -20 dBm         -01 -12.57           -30 dBm         -01 -12.57           -70 dBm         -01 -12.57           -70 dBm         -01 -12.57           Start 2.476 GHz	dB SWT 1 ms	VBW 300 kHz      ////////////////////////////////	M1[1] M2[1]		2.47995 -51 2.48350 	1.24 dBm 6000 GHz .69 dBm 1000 GHz און אונו (און און און און און און און און און און

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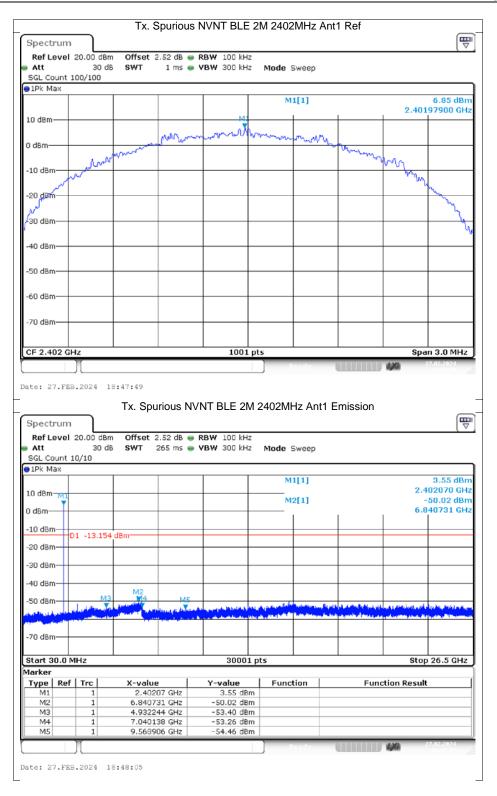
#### Condition Mode Frequency (MHz) Antenna Max Value (dBc) Limit (dBc) Verdict NVNT BLE 1M 2402 Ant1 -56.66 -20 Pass NVNT BLE 1M 2440 Ant1 -58.01 -20 Pass NVNT BLE 1M 2480 Ant1 -58.46 -20 Pass NVNT BLE 2M 2402 Ant1 -56.87 -20 Pass NVNT BLE 2M 2440 Ant1 -20 -56.37 Pass NVNT BLE 2M 2480 Ant1 -57.59 -20 Pass

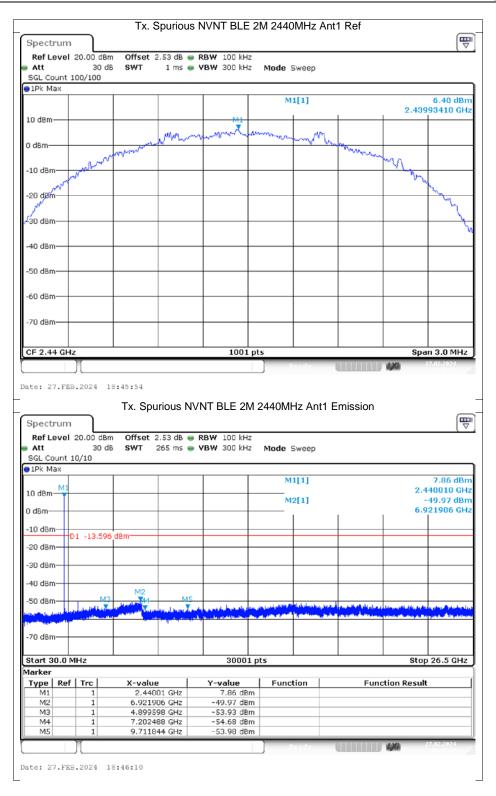
# **Conducted RF Spurious Emission**



	Tx. Spurious	NVNI BLE 1M	Z440IVII IZ AI			_
Spectrum						l
Ref Level 20.00 dB						
Att 30 d SGL Count 100/100	IB SWT 1 ms 🥃	VBW 300 kHz M	lode Sweep			
1Pk Max						
			M1[1]			7.88 dBn
10 40 m	M1		1	1	2.43	974980 GH:
10 dBm	m		man			
0 dBm	- Andrew Color			mon		
- www				- and	mm	
-10 dBm					- man	
الممسو						The second
20 dBm						- mar
						I .
-30 dBm						
-40 dBm						
50 40-0						
-50 d8m						
-60 dBm						
-70 d8m						
CF 2.44 GHz						
		1001 pts			spa	an 1.5 MHz
te: 27.FEB.2024 1	18:39:50 Tx. Spurious N\	/NT BLE 1M 24	Pendy 40MHz Ant1	Emission	6,68	Ē
ate: 27.FEB.2024 1	Tx. Spurious N\		Ready 40MHz Ant1	Emission	- Land	
Spectrum Ref Level 20.00 dBi Att 30 d	Tx. Spurious N	<b>RBW</b> 100 kHz	Ready 40MHz Ant1 Iode Sweep	Emission	604	
Spectrum Ref Level 20.00 dBi Att 30 d SGL Count 10/10	Tx. Spurious N	<b>RBW</b> 100 kHz		Emission	i i june	(The second seco
Spectrum Ref Level 20.00 dBi Att 30 d SGL Count 10/10	Tx. Spurious N	<b>RBW</b> 100 kHz	lode Sweep	Emission		
Spectrum Ref Level 20.00 dB/ Att 30 d SGL Count 10/10 1Pk Max	Tx. Spurious N	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH
Spectrum Ref Level 20.00 dB/ Att 30 d SGL Count 10/10 PIPK Max 10 dBm M1	Tx. Spurious N	<b>RBW</b> 100 kHz	lode Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Spectrum Ref Level 20.00 dBd Att 30 d SGL Count 10/10 1Pk Max 10 dBm	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms •	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Spectrum Ref Level 20.00 dBd Att 30 d SGL Count 10/10 1Pk Max 10 dBm	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms •	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Spectrum           Ref Level 20.00 dBi           Att 30 d           SGL Count 10/10           PIPk Max           10 dBm           -10 dBm           01 -12.110	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms •	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Ate:         27.FEB.2024         3           Spectrum         Ref Level         20.00 dBi           Att         30 d         30 d           SGL Count         10/10         10 dBm           10 dBm         D1         -12.111           -20 dBm         D1         -12.111	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms •	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Atte:         27.FEB.2024         1           Spectrum	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms •	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBr 140010 GH -50.13 dBr
Atte:     27.FEB.2024     1       Spectrum	Tx. Spurious NV	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBn 140010 GH -50.13 dBn
ate:     27.FEB.2024       Spectrum       Ref Level       20.00 dBi       Att       30 d       SGL Count       10 dBm       10 dBm       -10 dBm       01 -12.110       -20 dBm       -30 dBm	Tx. Spurious NV	<b>RBW</b> 100 kHz	Node Sweep	Emission		6.64 dBn 140010 GH -50.13 dBn
ate:     27.FEB.2024       Spectrum       Ref Level       20.00 dBi       Att       30 d       SGL Count       10 dBm       10 dBm       -10 dBm       01 -12.110       -20 dBm       -30 dBm	Tx. Spurious NV	RBW 100 kHz M	Node Sweep		6.	6.64 dBn 140010 GH -50.13 dBn
Ate:         27.FEB.2024         3           Spectrum         Ref Level         20.00 dBi           Att         30 dBi         30 dBi           Att         30 dBin         01 -12.111           -20 dBin         -01 -01 -12.111         -30 dBin           -30 dBin         -40 dBin         -10 dBin	Tx. Spurious NV	RBW 100 kHz M	Iode Sweep		6.	6.64 dBn 140010 GH -50.13 dBn
Ate:         27.FEB.2024         3           Spectrum         Ref Level 20.00 dBi         Att         30 dBi           Att         30 dBi         Att         30 dBi           10 dBm         01 -12.111         -10 dBm         -10 dBm           -30 dBm         -30 dBm         -40 dBm         Mi	Tx. Spurious NV	RBW 100 kHz M	Iode Sweep		6.	6.64 dBn 140010 GH -50.13 dBn
Ate:         27.FEB.2024         3           Spectrum         Ref Level         20.00 dBi           Att         30 d         30 d           SGL Count 10/10         PIPk Max         10 dBm           10 dBm         D1 -12.11i           -20 dBm         -01 -12.11i           -30 dBm         -10 dBm           -40 dBm         -11 -12.11i           -70 dBm         -70 dBm	Tx. Spurious NV	RBW         100 kHz         M           VBW         300 kHz         M	Iode Sweep			6.64 dBr 140010 GH -50.13 dBr 711028 GH
Atte: 27.FEB.2024 3 Spectrum Ref Level 20.00 dBi Att 30 d SGL Count 10/10 1Pk Max 10 dBm 01 -12.11 -20 dBm 01 -12.11 -20 dBm	Tx. Spurious NV	RBW 100 kHz M	Iode Sweep			6.64 dBn 140010 GH -50.13 dBn 711028 GH
Ate:     27.FEB.2024       Spectrum       Ref Level     20.00 dBi       Att     30 d       SQL Count     10/10       1Pk Max       10 dBm     01 -12.111       -20 dBm     01 -12.111       -30 dBm     -10 dBm       -50 dBm     -10 dBm       -70 dBm     -10 dBm       -70 dBm     -10 dBm       Start     30.0 MHz       Aarker     -70 Ref	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms • 8 dBm 3 M2 4 m ctor x-value	RBW         100         kHz         M           VBW         300         kHz         M           Image: I	Iode Sweep			6.64 dBn 140010 GH -50.13 dBn 711028 GH
ate:       27.FEB.2024       3         Ref Level       20.00 dBi         Att       30 d         Sgc Count       10/10         1Pk Max       10 dBm         10 dBm       D1         -10 dBm       D1         -20 dBm	Tx. Spurious NV m Offset 2.53 dB • B SWT 265 ms • 8 dBm 3 M2 4 m H H H H H H H H H H H H H H H H H H	RBW         100         kHz         M           VBW         300         kHz         M           Image: Second s	Iode Sweep		6.	6.64 dBn 140010 GH -50.13 dBn 711028 GH
Ate:         27.FEB.2024         3           Spectrum         30 d         36           Att         30 d         30 d           Spectrum         10 dBm         01 -12.11           -10 dBm         01 -12.11         -20 dBm           -30 dBm         -01 -12.11           -20 dBm         -01 -12.11           -30 dBm         -01 -12.11           -20 dBm         -01 -12.11           -20 dBm         -01 -12.11           -20 dBm         -01 -12.11           -30 dBm         -01 -12.11           -20 dBm         -10 -12.11           -30 dBm         -10 -12.11           -20 dBm         -11 -12.11           -20 dBm         -11 -12.11           -20 dBm         -11 -12.11           -30 dBm         -11 -12.11           -50 dBm         -11 -12.11           -70 dBm         -11 -12.11           -70 dBm         -11 -12.11           -70 dBm         -11 -12.11           -70 dBm         -11 -12.11	X-value         M2           X-value         2.44001 GHz           6.711028 GHz         4.971949 GHz	RBW         100 kHz         M           VBW         300 kHz         M           Image: Second	Iode Sweep		6.	6.64 dBn 140010 GH -50.13 dBn 711028 GH
Atte:       27.FEB.2024       3         Ref Level       20.00 dBi         Att       30 d         SGL Count       10/10         PIPk Max       30 d         10 dBm       01 -12.11         -20 dBm       01 -12.11         -30 dBm       01 -12.11         -30 dBm       -10 dBm         -40 dBm       -10 -12.11         -70 dBm       -11 -12.11         -71 -12.11       -11 -12.11         -71 -12.11       -11 -12.11         -71 -12.11       -11 -12.11	X-value         M2           X-value         2.44001 GHz           6.711028 GHz         4.971949 GHz	RBW         100         kHz         M           VBW         300         kHz         M           Image: I	Iode Sweep		6.	6.64 dBn 140010 GH -50.13 dBn 711028 GH
Ate:         27.FEB.2024         3           Spectrum         Ref Level 20.00 dBd         30 dBd           Att         30 d         30 dBm           10 dBm         01 -12.110           20 dBm         01 -12.110           -10 dBm         01 -12.110           -20 dBm         -01 -12.110           -30 dBm         -01 -12.110           -50 dBm         -01 -12.110           -50 dBm         -01 -12.110           -50 dBm         -10 dBm           -70 dBm         -10 dBm           -70 dBm         -11 dBm	X-value         M2           X-value         2.44001 GHz           6.711028 GHz         4.971949 GHz	RBW         100 kHz         M           VBW         300 kHz         M           Image: Second	Iode Sweep		6.	

	Tx. Spurious	NVNT BLE 1M				_
Spectrum						[₩
Ref Level 20.00 dBr						
Att 30 d SGL Count 100/100	IB SWT 1 ms 🥃	VBW 300 kHz M	1ode Sweep			
1Pk Max						
			M1[1]			8.31 dBm
	M1				2.479	973630 GHz
10 dBm	and the second		man and			
				how		
0 dBm					m	
-10 dBm					m	
						1.
20 dBm						- m
						640
-30 dBm						ļ
-40 d8m						
-50 d8m		+ +				
-60 dBm	+ + + + + + + + + + + + + + + + + + + +			1		
-70 dBm						
CF 2.48 GHz		1001 pts	· · · · · · · · · · · · · · · · · · ·		Spa	in 1.5 MHz
ate: 27.FEB.2024 1	Tx. Spurious N	VNT BLE 1M 24	Ready 180MHz Ant1	Emission		(III)
ate: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr	Tx. Spurious N	RBW 100 kHz		Emission		( T
Spectrum Ref Level 20.00 dBr Att 30 d	Tx. Spurious N	RBW 100 kHz	Rooth 180MHz Ant1 10de Sweep	Emission		(E
ate: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr	Tx. Spurious N	RBW 100 kHz		Emission		Ţ
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max	Tx. Spurious N	RBW 100 kHz		Emission		7.25 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10	Tx. Spurious N	RBW 100 kHz	M1[1]	Emission		7.25 dBn 179720 GH:
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 PIPk Max 10 dBm	Tx. Spurious N	RBW 100 kHz	<b>1ode</b> Sweep	Emission		7.25 dBn 179720 GH: -50.15 dBn
Ate: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm 0 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBn 179720 GH: -50.15 dBn
Ate: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm 0 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBn 179720 GH: -50.15 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBn 179720 GH: -50.15 dBn
Atte: 27.FEB.2024 J Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 PIPk Max 10 dBm -10 dBm D1 -11.689	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBn 179720 GH: -50.15 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBm 179720 GHz -50.15 dBm
Atte: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -30 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms •	RBW 100 kHz	M1[1]	Emission		7.25 dBm 179720 GHz -50.15 dBm
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm	RBW 100 kHz VBW 300 kHz	M1[1]	Emission		7.25 dBn 179720 GH: -50.15 dBn
Atte: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -30 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm	RBW 100 kHz VBW 300 kHz	M1[1]			7.25 dBn 179720 GH: -50.15 dBn
Spectrum Ref Level 20.00 dBa Att 30 d SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -30 dBm -50 dBm -	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]			7.25 dBn 179720 GH: -50.15 dBn
Atte: 27.FEB.2024 1 Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -30 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm	RBW 100 kHz VBW 300 kHz	M1[1] M2[1] M2[1]			7.25 dBn 179720 GH: -50.15 dBn
Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 IPk Max 10 dBm -10 dBm -10 dBm -30 dBm -50 dBm -	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm	RBW 100 kHz VBW 300 kHz	10de Sweep M1[1] N2[1] 		6.1	7.25 dBn 179720 GH: -50.15 dBn
Atte: 27.FEB.2024 J Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 Pik Max 10 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -40 dBm -40 dBm -50 dBm -70 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm 9 dBm 40 M2 M4 10 M2 M4 10 M2 M4 10 M2 M4	RBW 100 kHz VBW 300 kHz N	M1[1] M2[1] M2[1]		6.4	7.25 dBn 179720 GH: 50.15 dBn 389259 GH:
Ate:       27.FEB.2024       1         Spectrum       30 d         Ref Level       20.00 dBr         Att       30 d         SGL Count       10/10         1Pk Max       10 dBm         10 dBm       01 -11.680         -20 dBm       -30 dBm         -50 dBm       -70 dBm         -70 dBm       -70 dBm         Start       30.0 MHz         Aarker       Type         Type       Ref       Trc	Tx. Spurious NV m Offset 2.55 dB B B SWT 265 ms P 9 dBm 9 dBm 4 M2 M2 M4 N M4 N M2 X-value	RBW         100 kHz           VBW         300 kHz	10de Sweep M1[1] N2[1] 		6.1	7.25 dBn 179720 GH: 50.15 dBn 389259 GH:
Atte: 27.FEB.2024 J Spectrum Ref Level 20.00 dBr Att 30 d SGL Count 10/10 Pik Max 10 dBm 10 dBm 10 dBm 10 dBm -10 dBm -10 dBm -30 dBm -30 dBm -40 dBm -40 dBm -50 dBm -70 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm 9 dBm 40 M2 M4 10 M2 M4 10 M2 M4 10 M2 M4	RBW 100 kHz VBW 300 kHz N	M1[1] M2[1] M2[1]		6.4	7.25 dBn F79720 GH: 50.15 dBn 889259 GH:
Atte:     27.FEB.2024     1       Spectrum     30 dBm       Att     30 dBm       10 dBm     01 -11.680       -10 dBm     01 -11.680       -30 dBm     -01 -11.680       -50 dBm     -01 -11.680       -50 dBm     -01 -11.680       -70 dBm <t< td=""><td>X-value         Altornal           X-value         2.47972 GHz           6.889259 GHz         5.155474 GHz</td><td>RBW         100 kHz           VBW         300 kHz           Image: second sec</td><td>M1[1] M2[1] M2[1]</td><td></td><td>6.4</td><td>7.25 dBm F79720 GHz 50.15 dBm 889259 GHz</td></t<>	X-value         Altornal           X-value         2.47972 GHz           6.889259 GHz         5.155474 GHz	RBW         100 kHz           VBW         300 kHz           Image: second sec	M1[1] M2[1] M2[1]		6.4	7.25 dBm F79720 GHz 50.15 dBm 889259 GHz
Atte:     27.FEB.2024     1       Ref Level     20.00 dBn       Att     30 d       SGL Count     10/10       IPk Max       10 dBm     01 -11.680       -20 dBm	Tx. Spurious NV m Offset 2.55 dB • B SWT 265 ms • 9 dBm 9 dBm 9 dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RBW         100 kHz         M           VBW         300 kHz         M	M1[1] M2[1] M2[1]		6.4	7.25 dBn F79720 GH: 50.15 dBn 889259 GH:
Atte:     27.FEB.2024     1       Spectrum     30 dBm       Att     30 dBm       10 dBm     01 -11.680       -10 dBm     01 -11.680       -30 dBm     -01 -11.680       -50 dBm     -01 -11.680       -50 dBm     -01 -11.680       -70 dBm <t< td=""><td>X-value         Altornal           X-value         2.47972 GHz           6.889259 GHz         5.155474 GHz</td><td>RBW         100 kHz           VBW         300 kHz           Image: second sec</td><td>M1[1] M2[1] M2[1]</td><td></td><td>6.1</td><td>7.25 dBn F79720 GH: 50.15 dBn 889259 GH:</td></t<>	X-value         Altornal           X-value         2.47972 GHz           6.889259 GHz         5.155474 GHz	RBW         100 kHz           VBW         300 kHz           Image: second sec	M1[1] M2[1] M2[1]		6.1	7.25 dBn F79720 GH: 50.15 dBn 889259 GH:





	Tx. Spurious	NVNT BLE 2M	2480MHz An	t1 Ref	
Spectrum					Ē
Ref Level 20.00 dBr	m Officiat 0.55 dB a	DDW 100 kHz			(⊽
Att 30 d			ode Sweep		
SGL Count 100/100					
1Pk Max					
			M1[1]		7.55 dBn
10 dBm		M1	1	2.	47996700 GH:
10 08m					
0.45-1	mannon	margen of any	mon WW		
0 dBm	manor			80mm re	
-10 dBm	'			- area	
-10 dBm					m
-20 d8m					Ĩ. I
-20 usm					- My
DD dDm					- N.
30 dBm					1 1
40.40-					
-40 dBm					
-50 dBm					
-50 dBm					
-60 dBm					
-60 dBm					
70.40					
-70 dBm					
CF 2.48 GHz		1001 pts			Span 3.0 MHz
			Ready	430	27.02.2024
Ref Level 20.00 dBr	m Offset 2.55 dB 🥃	PRW 100 kHz			
Att 30 d			de Sweep		
SGL Count 10/10					
1Pk Max					
			M1[1]		3.62 dBr
10 dBm			M2[1]		2.479720 GH -50.04 dBn
0 dBm					6.973963 GH
10.10					
-10 dBm D1 -12.45	1 dBm				
-20 dBm	+				
-30 d8m					
SO USIN					
-40 dBm					_
-50 dBm	M2 3 M4 M	15			
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the state of the s					
-70 dBm					
-70 dBm					
		30001 pts		\$	stop 26.5 GHz
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Start 30.0 MHz Marker Type   Ref   Trc	X-value	Y-value	Function	Function Re	
Start 30.0 MHz Marker Type Ref Trc M1 1	2.47972 GHz	Y-value 3.62 dBm	Function		
Start 30.0 MHz Marker Type   Ref   Trc		Y-value	Function		
Start 30.0 MHz           Marker           Type         Ref         Trc           M1         1           M2         1           M3         1           M4         1	2.47972 GHz 6.973963 GHz 4.949891 GHz 7.41513 GHz	Y-value 3.62 dBm -50.04 dBm -53.86 dBm -53.97 dBm	Function		
Start 30.0 MHz           Marker           Type         Ref         Trc           M1         1           M2         1           M3         1	2.47972 GHz 6.973963 GHz 4.949891 GHz	Y-value 3.62 dBm -50.04 dBm -53.86 dBm	Function	Function Re	Stop 26.5 GHz sult
Start 30.0 MHz           Marker           Type         Ref         Trc           M1         1           M2         1           M3         1           M4         1	2.47972 GHz 6.973963 GHz 4.949891 GHz 7.41513 GHz	Y-value 3.62 dBm -50.04 dBm -53.86 dBm -53.97 dBm	Function		
M1 1 M2 1 M3 1 M4 1	2.47972 GHz 6.973963 GHz 4.949891 GHz 7.41513 GHz	Y-value 3.62 dBm -50.04 dBm -53.86 dBm -53.97 dBm	Function	Function Re	

## **APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION**

Please refer to the report: E04A23120598F00101.

## **APPENDIX: PHOTOGRAPHS OF THE EUT**

Please refer to the report: E04A23120598F00101.

## **END OF REPORT**