

## CFR 47 FCC PART 15 SUBPART C(DTS)

## **TEST REPORT**

For

### Automatic Feeder (WI-Fi Version)

### MODEL NUMBER: P101T03, P101TXX ("X" represent "0-9" or "A-Z")

### REPORT NUMBER: E04A24080488F00402

### ISSUE DATE: September 20, 2024

### FCC ID: Z63-P101T03

### Prepared for

### SHENZHEN AONI ELECTRONIC CO., LTD.

### No.5,Bldg.,Honghui Industrial Park,2nd Liuxian Road,Xin'An streets, Bao'an District, ShenZhen, China

Prepared by

### Guangdong Global Testing Technology Co., Ltd.

### Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

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 of Guangdong Global Testing Technology Co., Ltd.

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## **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	September 20, 2024	Initial Issue	

### Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
Antenna Requirement	N/A	FCC Part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2	FCC Part 15.207	Pass
Conducted Output Power	ANSI C63.10-2013, Clause 11.9.1.3	FCC Part 15.247 (b)(3)	Pass
6dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2013, Clause 11.8.1	FCC Part 15.247 (a)(2)	Pass
Power Spectral Density	ANSI C63.10-2013, Clause 11.10.2	FCC Part 15.247 (e)	Pass
Conducted Band edge and spurious emission	ANSI C63.10-2013, Clause 11.11	FCC Part 15.247(d)	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2013, Clause 11.11 & Clause 11.12	FCC Part 15.205/15.209	Pass
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

\*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(DTS)> when <Accuracy Method> decision rule is applied.

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# **1. ATTESTATION OF TEST RESULTS**

### **Applicant Information**

Company Name:	SHENZHEN AONI ELECTRONIC CO., LTD.
Address:	No.5,Bldg.,Honghui Industrial Park,2nd Liuxian Road,Xin'An streets, Bao'an District, ShenZhen, China

#### **Manufacturer Information**

Company Name:	SHENZHEN AONI ELECTRONIC CO., LTD.
Address:	No.5,Bldg.,Honghui Industrial Park,2nd Liuxian Road,Xin'An
	streets Bao'an District ShenZhen China

#### **EUT Information**

Automatic Feeder (WI-Fi Version) P101T03
P101TXX ("X" represent "0-9" or "A-Z")
1
August 19, 2024
Normal
A24080488 004
August 20, 2024 to September 20, 2024

#### APPLICABLE STANDARDS

STANDARD	TEST RESULTS		
CFR 47 FCC PART 15 SUBPART C(DTS)	Pass		

Prepared By:

Win Huang

)in -

Checked By:

San La

Alan He Laboratory Leader



# 2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C(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 measureme	has been registered and fully described in a report filed with ISED. The Company Number is 30714 and the test lab Conformity

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:

k	Uncertainty
1.96	±9.2 PPM
1.96	±9.2 PPM
1.96	±9.2 PPM
1.96	±0.57%
1.96	±1.5 dB
1.96	±1.9 dB
Conducted Spurious Emission         1.96         9 kHz-30 MHz: ± 0.94 30 MHz-1 GHz: ± 1.5 1GHz-12.75GHz: ± 1.5 12.75 GHz-26.5 GHz: ±	
	1.96 1.96 1.96 1.96 1.96 1.96

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		Automatic Feeder (WI-Fi Version)
Model		P101T03
Series Model		P101TXX ("X" represent "0-9" or "A-Z")
Model Difference		Note: All models are identical except model name and grain bucket size.
Hardware Version		V1.1
Software Version		V1.0.3
Ratings		Input: USB-C (DC 5V/1A)/3pcs 1# batteries (D battery)
Power Supply	AC	100-240V~ 50/60Hz 0.25A Max
	DC	5V

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Bluetooth Version:	Bluetooth V4.1
Bluetooth Mode:	Bluetooth LE
Type of Modulation:	GFSK
Number of Channels:	40
Channel Separation:	2 MHz
Maximum Peak Power:	5.45 dBm
Antenna Type:	FPC Antenna
Antenna Gain:	3.57 dBi
Normal Test Voltage:	5 Vdc
EUT Test software:	Wifi Test Tool1.6.5
Note:	The Antenna Gain was provided by customer, and this information may affect the validity of the results, customer should be responsible for this.

# 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	/	/

TRF No.: 04-E001-0B

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9	2420	20	2442	31	2464	/	/
10	2422	21	2444	32	2468	/	/

### 5.3. MAXIMUM EIRP

Test Mode	Frequency (MHz)	Channel Number	Maximum Peak Output Power (dBm)	Maximum EIRP (dBm)
BLE 1Mbps	2402 ~ 2480	0-39[40]	5.45	/

## 5.4. TEST CHANNEL CONFIGURATION

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

## 5.5. THE WORSE CASE POWER SETTING PARAMETER

The	The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band					
Test Software Version Wifi Test Tool1.6.5						
Modulation Anter	Transmit	Test Software setting value				
	Number	CH 0	CH 19	CH 39		
BLE 1Mbps	12					

## 5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2402-2480	FPC	3.57

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

# 5.7. EUT ACCESSORY

Adapter				
Model No.: BS05A-0501000US				
Input:	100-240V~ 50/60Hz 0.25A Max			
Output:	5V 1000mA			
AC Cable:	N/A			
DC Cable:	1.5 Meter Unshielded without ferrite			

TRF No.: 04-E001-0B

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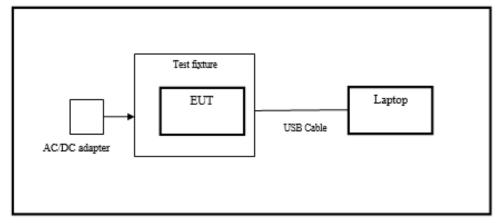
# 5.8. SUPPORT UNITS FOR SYSTEM TEST

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	Laptop	Lenovo	Thinkpad T14	PF-3EAKYR	GTG Support

# 5.9. SETUP DIAGRAM

Radiated emissions & AC Power Line Conducted Emission:



	Test Equipment of Conducted RF							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date			
Spectrum Analyzer	Rohde & Schwarz	FSV40	102257	2024/09/14	2025/09/13			
Spectrum Analyzer	KEYSIGHT	N9020A	MY51285127	2024/09/14	2025/09/13			
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61253075	2024/09/14	2025/09/13			
Vector Signal Generator	Rohde & Schwarz	SMM100A	101899	2024/09/14	2025/09/13			
RF Control box	MWRF-test	MW100-RFCB	MW220926GTG	2024/09/14	2025/09/13			
Wideband Radio Communication Tester	Rohde & Schwarz	CMW270	102792	2024/09/14	2025/09/13			
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2024/09/14	2025/09/13			
temperature humidity chamber	Espec	SH-241	SH-241-2014	2024/09/14	2025/09/13			
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	2024/09/14	2025/09/13			
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2024/09/14	2025/09/13			
Pre-Amplifier	HzEMC	HPA-9K0130	HYPA21001	2024/09/14	2025/09/13			
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	2024/09/14	2025/09/13	
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2024/09/14	2025/09/13	
Pre-Amplifier	A-INFO	HPA-1G1850	HYPA21003	2024/09/14	2025/09/13	
Horn antenna	A-INFO	3117	246069	2022/03/11	2025/03/10	
Pre-Amplifier	ZKJC	HPA-184057	HYPA21004	2024/09/14	2025/09/13	

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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	2024/09/14	2025/09/13
LISN/AMN	Rohde & Schwarz	ENV216	102843	2024/09/14	2025/09/13
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2024/09/14	2025/09/13
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

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

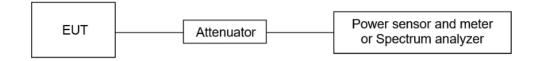
CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 3				
Section Test Item Limit Frequency Range (MHz)				
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Peak Conduct Output Power	1 watt or 30 dBm	2400-2483.5	

#### 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	21.4°C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

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

#### 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(a)(2) ISED RSS-247 5.2 (a)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5	
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	For reporting purposes only.	2400-2483.5	

#### TEST PROCEDURE

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

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
IRB///	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
N/B/W	For 6 dB Bandwidth: ≥3 × RBW For 99 % Occupied Bandwidth: ≥3 × RBW
Trace	Max hold
Sweep	Auto couple

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

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	21.4°C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

# 7.3. POWER SPECTRAL DENSITY

#### 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 (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.

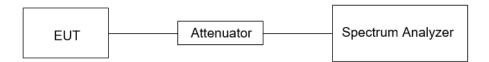
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	≥3 × RBW
Span	1.5 x DTS 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	21.4°C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

#### LIMITS

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	Conducted Bandedge and 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		

#### 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 x DTS 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:

15040	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	21.4°C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.5. DUTY CYCLE

## <u>LIMITS</u>

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	21.4°C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

# 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 Stren (dBuV/m)	•
		Quasi-l	Peak
30 - 88	100	40	
88 - 216	150	43.	5
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
Above 1000	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 (m)
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>Nob 1</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	158.7 - 158.9	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	980 - 1427	31.2 - 31.8
8.31175 - 8.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1648.5	Above 38.6
8.362 - 8.366	1680 - 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	
16.42 - 16.423	3332 - 3339	
18.69475 - 18.69525	3345.8 - 3358	
16.80425 - 16.80475	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	( <sup>2</sup> )
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

TRF No.: 04-E001-0B

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 remeasured. 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.

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	1 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.

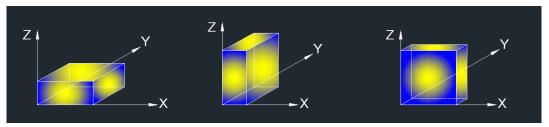
3. The EUT was placed on a turntable with 1.5 m above ground.

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.

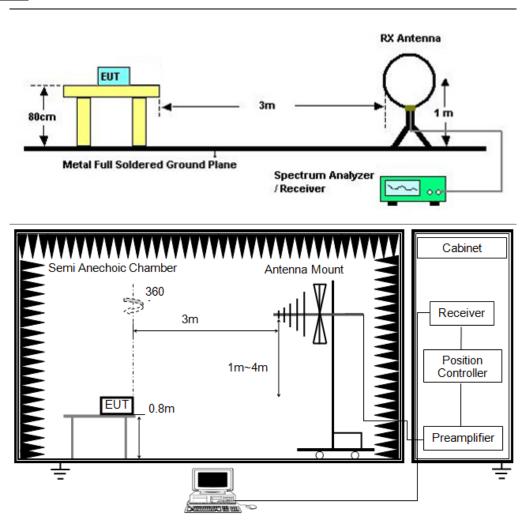
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY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

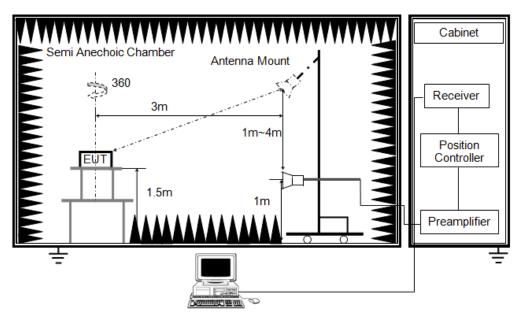
#### X axis, Y axis, Z axis positions:



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>23.2℃</b>	Relative Humidity	52%
Atmosphere Pressure	101kPa		

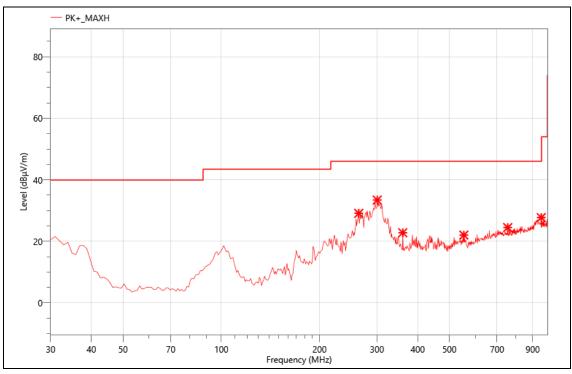
#### TEST RESULTS

## 8.1. RADIATED BAND EDGE AND SPURIOUS EMISSION

Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)

All modes have been tested and the worst result as bellow:

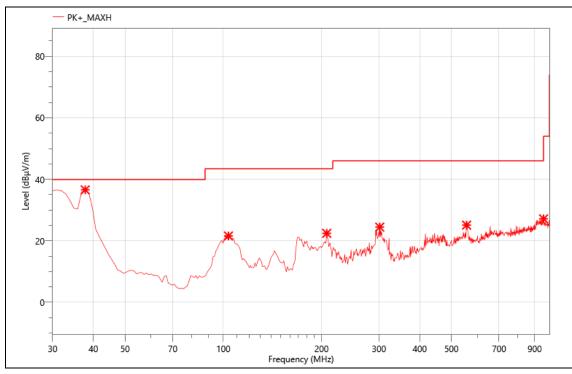
Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



## Critical\_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	263.770	47.43	-18.32	29.11	46.00	16.89	PK+	Н
2	300.630	52.26	-18.83	33.43	46.00	12.57	PK+	Н
3	359.800	38.67	-15.88	22.79	46.00	23.21	PK+	Н
4	553.800	31.95	-9.92	22.03	46.00	23.97	PK+	Н
5	754.590	31.79	-7.32	24.47	46.00	21.53	PK+	Н
6	956.350	31.44	-3.71	27.73	46.00	18.27	PK+	Н

Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa

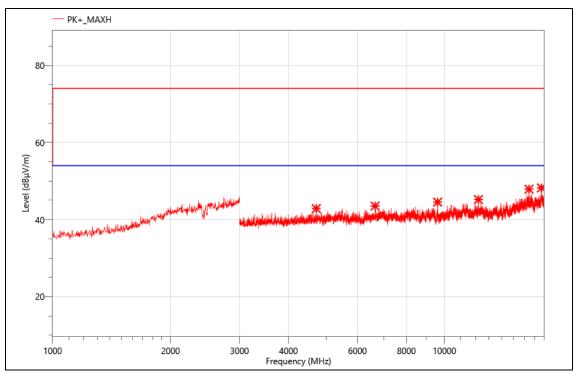


No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	37.760	55.33	-18.76	36.57	40.00	3.43	PK+	V
2	103.720	45.25	-23.67	21.58	43.50	21.92	PK+	V
3	207.510	43.94	-21.5	22.44	43.50	21.06	PK+	V
4	301.600	43.25	-18.78	24.47	46.00	21.53	PK+	V
5	556.710	35.20	-10.09	25.11	46.00	20.89	PK+	V
6	958.290	30.95	-3.79	27.16	46.00	18.84	PK+	V

Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa

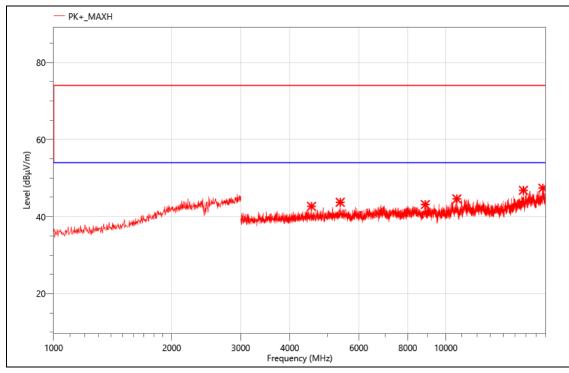
All modes have been tested and the worst result as bellow:



# Critical\_Freqs

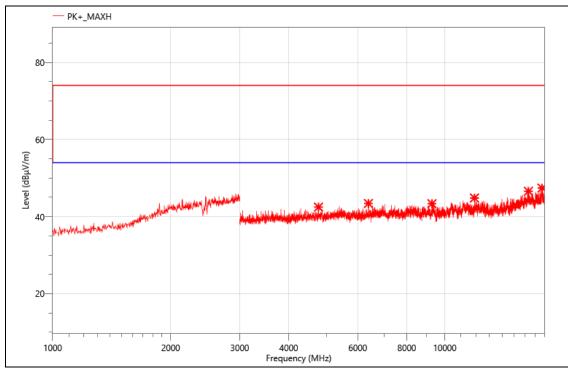
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4710.000	54.39	-11.53	42.86	74.00	31.14	PK+	Н
2	6655.500	51.74	-8.22	43.52	74.00	30.48	PK+	Н
3	9607.500	51.60	-7.06	44.54	74.00	29.46	PK+	Н
4	12214.500	49.64	-4.44	45.20	74.00	28.80	PK+	Н
5	16441.500	49.53	-1.64	47.89	74.00	26.11	PK+	Н
6	17686.500	47.98	0.25	48.23	74.00	25.77	PK+	Н

Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



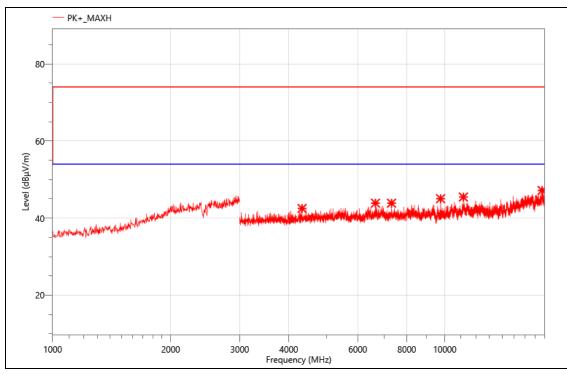
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4545.000	54.62	-11.97	42.65	74.00	31.35	PK+	V
2	5380.500	52.78	-9.06	43.72	74.00	30.28	PK+	V
3	8868.000	50.92	-7.79	43.13	74.00	30.87	PK+	V
4	10672.500	49.68	-5.09	44.59	74.00	29.41	PK+	V
5	15774.000	49.10	-2.29	46.81	74.00	27.19	PK+	V
6	17676.000	47.07	0.31	47.38	74.00	26.62	PK+	V

Mode:	BLE 2440
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



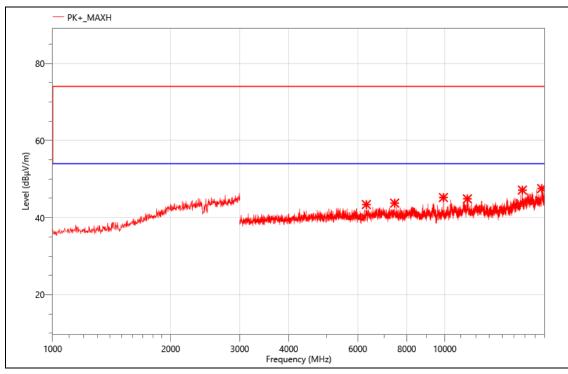
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4764.000	53.81	-11.35	42.46	74.00	31.54	PK+	V
2	6385.500	51.31	-7.91	43.40	74.00	30.60	PK+	V
3	9274.500	50.59	-7.24	43.35	74.00	30.65	PK+	V
4	11905.500	49.20	-4.38	44.82	74.00	29.18	PK+	V
5	16341.000	48.36	-1.79	46.57	74.00	27.43	PK+	V
6	17694.000	47.19	0.21	47.40	74.00	26.60	PK+	V

Mode:	BLE 2440
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



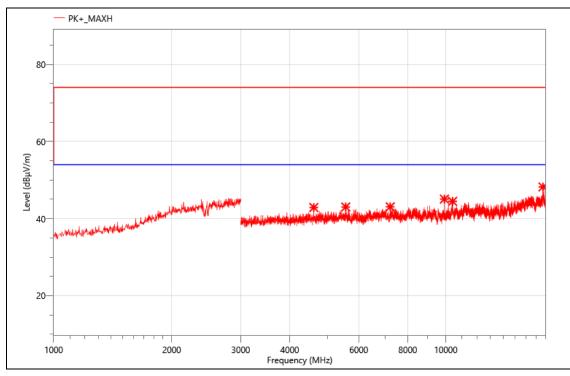
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4324.500	54.85	-12.35	42.50	74.00	31.50	PK+	Н
2	6655.500	52.10	-8.22	43.88	74.00	30.12	PK+	Н
3	7314.000	51.55	-7.69	43.86	74.00	30.14	PK+	Н
4	9759.000	51.91	-6.87	45.04	74.00	28.96	PK+	Н
5	11152.500	49.72	-4.26	45.46	74.00	28.54	PK+	Н
6	17704.500	47.10	0.08	47.18	74.00	26.82	PK+	Н

Mode:	BLE 2480
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	6310.500	50.95	-7.56	43.39	74.00	30.61	PK+	Н
2	7449.000	51.82	-8.06	43.76	74.00	30.24	PK+	Н
3	9919.500	51.56	-6.35	45.21	74.00	28.79	PK+	Н
4	11421.000	49.37	-4.5	44.87	74.00	29.13	PK+	Н
5	15772.500	49.41	-2.28	47.13	74.00	26.87	PK+	Н
6	17664.000	47.37	0.17	47.54	74.00	26.46	PK+	Н

Mode:	BLE 2480
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4608.000	54.52	-11.64	42.88	74.00	31.12	PK+	V
2	5557.500	52.43	-9.41	43.02	74.00	30.98	PK+	V
3	7216.500	51.07	-8.02	43.05	74.00	30.95	PK+	V
4	9919.500	51.42	-6.35	45.07	74.00	28.93	PK+	V
5	10408.500	50.00	-5.52	44.48	74.00	29.52	PK+	V
6	17691.000	47.98	0.23	48.21	74.00	25.79	PK+	V

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

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.

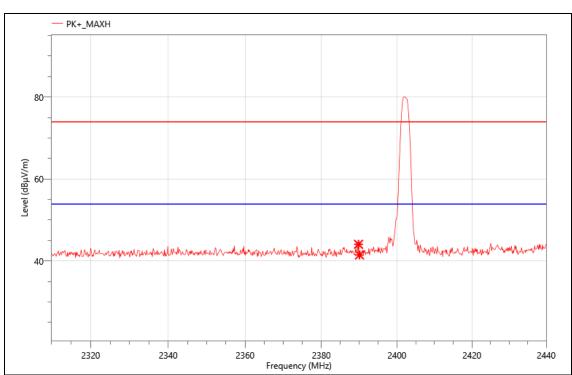
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

For the frequency above 18 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

Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa

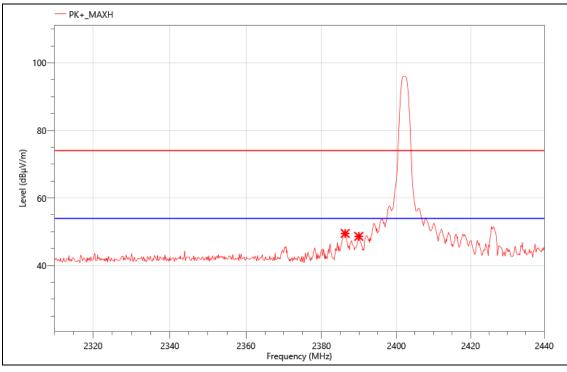
All modes have been tested and the worst result as bellow:



# Critical\_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2389.820	21.35	22.72	44.07	74.00	29.93	PK+	V
2	2390.080	18.74	22.72	41.46	74.00	32.54	PK+	V

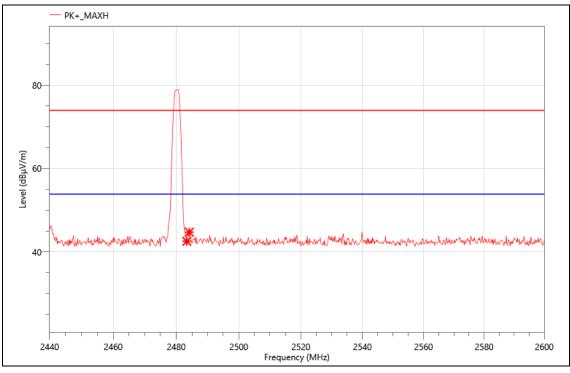
Mode:	BLE 2402
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2386.310	26.83	22.65	49.48	74.00	24.52	PK+	Н
2	2389.950	25.92	22.72	48.64	74.00	25.36	PK+	Н

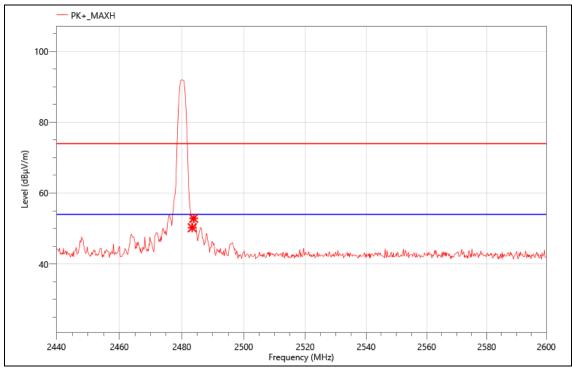
Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr. ]

Mode:	BLE 2480
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.360	19.40	23.15	42.55	74.00	31.45	PK+	V
2	2484.160	21.60	23.15	44.75	74.00	29.25	PK+	V

Mode:	BLE 2480
Power:	AC 120V/60Hz
TE:	Big
Date	2024/09/13
T/A/P	23.2°C/52%/101Kpa



## Critical\_Freqs

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.360	27.08	23.15	50.23	74.00	23.77	PK+	Н
2	2483.840	29.73	23.15	52.88	74.00	21.12	PK+	Н

Note : [Margin=Limit-Meas.]; [Meas.=Reading+Corr. ]

### 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)

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

Pass

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

### LIMITS

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

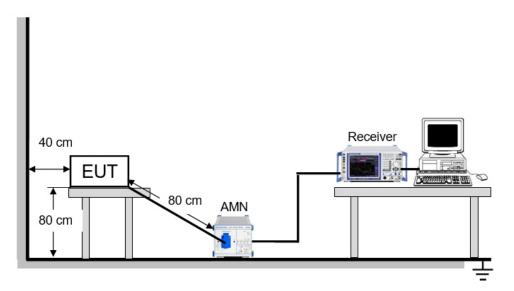
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

### 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.

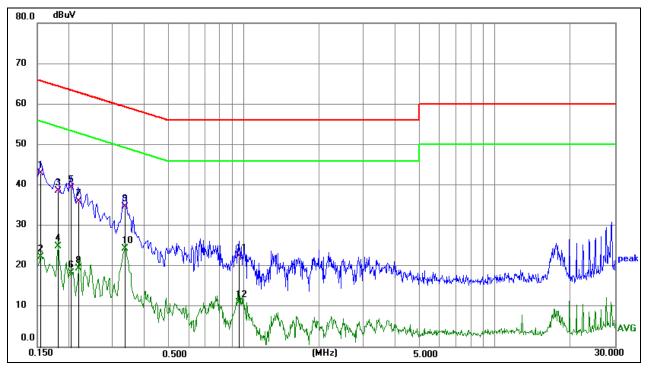
#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	23.2°C	Relative Humidity	52%
Atmosphere Pressure	100kPa		

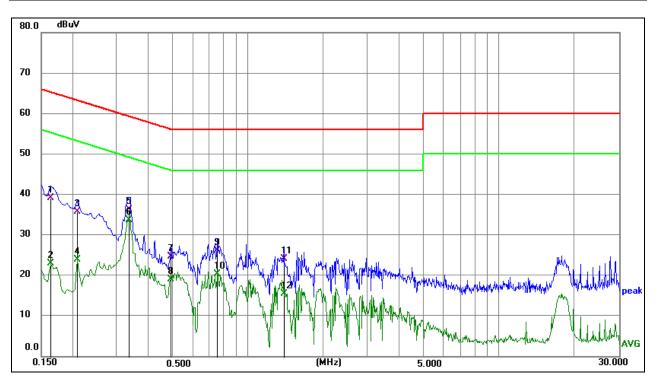
#### TEST RESULTS



#### Phase: N

#### Mode: BLE 2402MHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1545	32.89	9.99	42.88	65.75	-22.87	QP
2	0.1545	12.22	9.99	22.21	55.75	-33.54	AVG
3	0.1815	28.56	9.94	38.50	64.42	-25.92	QP
4	0.1815	14.85	9.94	24.79	54.42	-29.63	AVG
5	0.2040	29.44	9.94	39.38	63.45	-24.07	QP
6	0.2040	8.35	9.94	18.29	53.45	-35.16	AVG
7	0.2197	26.02	9.93	35.95	62.83	-26.88	QP
8	0.2197	9.52	9.93	19.45	52.83	-33.38	AVG
9	0.3345	24.68	9.89	34.57	59.34	-24.77	QP
10	0.3345	14.35	9.89	24.24	49.34	-25.10	AVG
11	0.9555	12.40	10.08	22.48	56.00	-33.52	QP
12	0.9555	0.89	10.08	10.97	46.00	-35.03	AVG



Phase: L1	Mode: BLE 2402MHz

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1635	29.32	9.91	39.23	65.28	-26.05	QP
2	0.1635	13.04	9.91	22.95	55.28	-32.33	AVG
3	0.2085	25.85	9.92	35.77	63.26	-27.49	QP
4	0.2085	14.04	9.92	23.96	53.26	-29.30	AVG
5	0.3345	26.46	9.93	36.39	59.34	-22.95	QP
6	0.3345	23.79	9.93	33.72	49.34	-15.62	AVG
7	0.4920	14.80	9.84	24.64	56.13	-31.49	QP
8	0.4920	9.18	9.84	19.02	46.13	-27.11	AVG
9	0.7575	16.11	10.02	26.13	56.00	-29.87	QP
10	0.7575	10.38	10.02	20.40	46.00	-25.60	AVG
11	1.3920	13.96	10.20	24.16	56.00	-31.84	QP
12	1.3920	5.30	10.20	15.50	46.00	-30.50	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	0.45	0.63	71.43	1.46	2.25	1
NVNT	BLE	2440	Ant1	0.45	0.63	71.43	1.46	2.24	1
NVNT	1M BLE	2480	Ant1	0.45	0.63	71.43	1.46	2.24	1
	1M	2-100	,	0.40	0.00	71.40	1.40	2.27	I

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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.75	0	1.75	30	Pass
NVNT	BLE 1M	2440	Ant1	3.88	0	3.88	30	Pass
NVNT	BLE 1M	2480	Ant1	5.45	0	5.45	30	Pass

# **Maximum Conducted Output Power**

Ref Level 20.00 dBm       Offset 2.52 dB • RBW 3 MHz         Att       30 dB       SWT       10.1 ms • VBW 10 MHz       Mode Sweep         SGL Count 100/100       Ibk Max       M1[1]       1.75 dl         0 dBm       M1       2.401898000 C       0         0 dBm       M1       0       0       0         0 dBm       M1       0       0       0       0       0         00 dBm       M1       M1       0       0       0       0         00 dBm       M1       M1       0       0       0       0       0       0         00 dBm       M1       M1       M1       0 <td< th=""><th>Spectrum         Mode Sweep           S0. Court 100/100         SWT         1.0.1 ms         VBW 10 MHz         Mode Sweep           S0. Court 100/100         1.75 den         1.75 den         1.75 den           10 den         M11         2.401890000 en         1.75 den           0 den         M11         2.40189000 en         1.75 den           50 den         M11         2.53 den         8pon 10.0 MHz           Spectrum         M0001 pts         Spon 10.0 MHz         1.75 den           Spectrum         M11         2.4092000 0e         1.75 den           Spectrum         M11         2.4092000 0e         1.75 den           Spectrum         M11         2.4092000 0e         1.75</th><th>Spectrum</th><th></th><th></th><th></th><th>M 2402MHz Ant</th><th></th><th></th><th></th></td<>	Spectrum         Mode Sweep           S0. Court 100/100         SWT         1.0.1 ms         VBW 10 MHz         Mode Sweep           S0. Court 100/100         1.75 den         1.75 den         1.75 den           10 den         M11         2.401890000 en         1.75 den           0 den         M11         2.40189000 en         1.75 den           50 den         M11         2.53 den         8pon 10.0 MHz           Spectrum         M0001 pts         Spon 10.0 MHz         1.75 den           Spectrum         M11         2.4092000 0e         1.75 den           Spectrum         M11         2.4092000 0e         1.75 den           Spectrum         M11         2.4092000 0e         1.75	Spectrum				M 2402MHz Ant				
Ref Level 20.00 dBm         Offset 2.52 dB         RBW         3 MH2           Att         30 dB         SWT         10.1 ms         VBW         10 MH2         Mode Sweep           SGL Court 100/100         10.1 ms         VBW         10 MH2         Mode Sweep         3.75 dl           0 dBm         M1[1]         1.75 dl         2.401898000 C         3.75 dl           0 dBm         M1         1.75 dl         2.401898000 C         3.75 dl           0 dBm         M1         1.75 dl         3.75 dl         3.75 dl           0 dBm         M1         1.75 dl         3.75 dl         3.75 dl           0 dBm         M1         1.75 dl         3.75 dl         3.75 dl           00 dBm         M1         1.75 dl         3.75 dl         3.75 dl           30 dBm         M1         M1         1.75 dl         3.75 dl           30 dBm         M1         M1         1.75 dl         3.77 dl         3.77 dl           30 dBm         M1         M1         M1         1.75 dl         3.77 dl         3.77 dl           10 dBm         M1         M1         M1         1.75 dl         3.77 dl         3.77 dl           10 dBm         M1         M1<	Perture         12.00 dBm         Offset 2.52 dB         PEW         3 MHz           S0L Count 100/100         1.01 ms         VBW 10 MHz         Mode Sweep           100 dbm         1.75 dbn         1.75 dbn           100 dbm         1.11 ms         VBW 10 MHz         1.75 dbn           100 dbm         1.11 ms         1.75 dbn         1.75 dbn           100 dbm         1.11 ms         1.11 ms         1.11 ms           110 dbm         1.11 ms         1.11 ms         1.11 ms <th>opseuun</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	opseuun								
Att       30 dB       SWT       10.1 ms       VBW 10 MHz       Mode Sweep         GL_Count 100/100       Ink Max       M1[1]       1.75 dl         0 dBm       M1[1]       2.401898000 cl         0 dBm       M1[1]       1.001 cl         0 dBm       M1[1]       1.001 cl         0 dBm       M1[1]       1.0001 cl         0 dBm       M1[1]       1.0001 cl         10 dBm       M1[1]       1.0001 cl       1.0001 cl         10 dBm       M1[1]       1.0001 cl       1.0001 cl         10 dBm<	Att       30 db       SWT       10.1 ms       VBW 10 MHz       Mode Sweep         S0. Count 100/100       1.7.5 dm       1.7.5 dm         10 dbm       M1[1]       2.401890000 GH         10 dbm       M1       2.401890000 GH         10 dbm       M1       1.7.5 dm         30 db       M1       1.7.5 dm         30 db       M1       1.7.5 dm         30 dbm       M1       1.7.5 dm         40 dbm       M1       1.7.5 dm         50 dbm       M1       1.7.5 dm         51. Court 100/100       M1       M1         112 Marc       M1       2.409920000 GH         50 dbm       M1       M1       2.409920000 GH         50 dbm       M1       M1       2.409920000 GH         50 dbm       M1       M1       2.409920000 GH         0 db	Reflevel 20.00 dBr	m Offset 3	2 52 dB 🗰 RB	W 3 MHz				( \	
1Pk Max       M1[1]       1.75 dl         0 dBm       M1[1]       2.401899000 cl         dBm       M1       1.75 dl         0 dBm       M1       1.75 dl         10 dBm       M1       M1         10 dBm       M1       M	104 Max       M1[1]       1.75 db         10 dbm       11       2.40189000 Gh         0 dbm       11       2.40189000 Gh         10 dbm       11       2.40189000 Gh         10 dbm       11       2.40189000 Gh         10 dbm       11       11         10 dbm       11       11         10 dbm       11       11         20 dbm       11       11         21 dbm       11 <t< th=""><th></th><th></th><th></th><th></th><th>Mode Sweep</th><th></th><th></th><th></th></t<>					Mode Sweep				
0 dBm     M1[1]     1.75 dl       0 dBm     M1     2.401898000 dl       0 dBm     M1     1.0 dl       10 dBm     M1	0. dam     M1[1]     1.75 den       0. dam     M1     2.401890000 GH       0. dam     M1       10 dem     M1       30 dem     M1       40 dem     M1       50 dem     M1       51 Count 100/100       178 Har       50 dem       10 dem <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
0 dBm       M1       M1       M1         dBm       M1       M1       M1       M1         10	0 dBm     9     2.401896000 GH       0 dBm     10     11       10 dBm     11     11       11     11     11       12     10     11       13     12     13       14     10     10       15     11     11       10 dBm     11	трк мах				M1[1]			1 75 dBr	
dBm 10 dBm 1	0 dBm     M1       10 dBm     10 dBm       30 dBm     10 dBm       50 dBm     10 dBm       10 dBm     10 dBm <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>2.401</td><td></td></td<>							2.401		
dBm 10 dBm 1	0 dBm 10 dBm	LO dBm	+							
LO dBm 10 dBm	10 dbm 30 dbm 40 dbm 50 dbm 60 dbm 70 dbm	) dBm								
00 dBm	30 dBm       40 dBm	abin								
i0 dBm     iii iii iii iii iii iiii iiii iiiiiiii	40 dBm	10 dBm								
i0 dBm     iii iii iii iii iii iiii iiii iiiiiiii	40 dBm									
i0 dBm     iii iii iii iii iii iiii iiii iiiiiiii	40 dBm		+							
i0 dBm     iii iii iii iii iii iiii iiii iiiiiiii	40 dBm									
S0 dBm     S0 dBm       S0 dBm     S0 dBm       70 dBm     S0 dBm       70 dBm     Span 10.0 Mk       F 2.402 GHz     10001 pts       F 2.402 GHz     Span 10.0 Mk       F 2.402 GHz     09:04:28       Power NVNT BLE 1M 2440MHz Ant1       Span 10.0 dBm       Getrum       RBW       Smart	S0 dBm       Image: Constraint of the second o	30 dBm								
S0 dBm     S0 dBm       S0 dBm     S0 dBm       70 dBm     S0 dBm       70 dBm     Span 10.0 Mk       F 2.402 GHz     10001 pts       F 2.402 GHz     Span 10.0 Mk       F 2.402 GHz     09:04:28       Power NVNT BLE 1M 2440MHz Ant1       Span 10.0 dBm       Getrum       RBW       Smart	S0 dBm       Image: Constraint of the second o	40 dBm								
50 dBm     60 dBm       70 dBm     70 dBm       70 dBm     10001 pts       Span 10.0 MH       Power NVNT BLE 1M 2440MHz Ant1       Epectrum       RBW 3 MHz	60 dBm 70 dBm 70 dBm 3F 2.402 GHz 5P 2.402 GHz 5 2.53 dB 5 8 RBW 10.1 ms 5 VBW 10 MHz 10 MHz 10 dBm 10 d									
PodBm     Span 10.0 Mi       F 2.402 GHz     10001 pts     Span 10.0 Mi       F 2.402 GHz     10001 pts     Span 10.0 Mi       Perform     Perform     10002221       Power NVNT BLE 1M 2440MHz Ant1     Spectrum       Ref Level 20.00 dBm     Offset 2.53 dB     RBW     3 MHz	70 dBm       Span 10.0 MHz         3F 2.402 GHz       10001 pts       Span 10.0 MHz         to:::::::::::::::::::::::::::::::::::	50 dBm								
PodBm     Span 10.0 Mi       F 2.402 GHz     10001 pts     Span 10.0 Mi       F 2.402 GHz     10001 pts     Span 10.0 Mi       Perform     Perform     10002221       Power NVNT BLE 1M 2440MHz Ant1     Spectrum       Ref Level 20.00 dBm     Offset 2.53 dB     RBW     3 MHz	70 dBm       Span 10.0 MHz         3F 2.402 CHz       10001 pts       Span 10.0 MHz         10 dBm       100201       100201         Ref Level 20.00 dBm       Offset 2.53 dB = RBW 3 MHz       Mat         30 dB       SWT       10.1 ms       VBW 10 MHz       Mode Sweep         SGL Count 100/100       101 ms       VBW 10 MHz       Mode Sweep       SGL Count 100/100         10 dBm         10 dBm									
F 2.402 GHz         10001 pts         Span 10.0 Mi           Pearly         13.09.2024           ae: 13.879.2024         09:04:28           Power NVNT BLE 1M 2440MHz Ant1           Spectrum           Ref Level 20.00 dBm           Offset 2.53 dB • RBW	SP 2.402 CHz         10001 pts         Span 10.0 MHz           ter: 13.87P.2024         09:04:28         100:01 pts         100:01 p	60 dBm	+							
F 2.402 GHz         10001 pts         Span 10.0 Mi           Pearly         13.09.2024           ae: 13.879.2024         09:04:28           Power NVNT BLE 1M 2440MHz Ant1           Spectrum           Ref Level 20.00 dBm           Offset 2.53 dB • RBW	SP 2.402 CHz         10001 pts         Span 10.0 MHz           ter: 13.87P.2024         09:04:28         100:01 pts         100:01 p	70 d8m								
Beady         Basely         Basely </td <td>te: 13.979.2024 09:04:28         Power NVNT BLE 1M 2440MHz Ant1         Ref Level 20.00 dBm Offset 2.53 dB • RBW 3 MHz         Att 30 dB SWT 10.1 ms • VBW 10 MHz Mode Sweep         SGL count 100/100         10 dBm 0ffset 2.53 dB • RBW 3 MHz         MI[1] 3.08 dBm         GL count 100/100         10 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.53 dB • RBW 3 MHz         MI[1] 3.08 dBm         GL count 100/100         10 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.49992000 GH         0 dBm 0ffset 2.4992000 GH</td> <td>yo doni</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	te: 13.979.2024 09:04:28         Power NVNT BLE 1M 2440MHz Ant1         Ref Level 20.00 dBm Offset 2.53 dB • RBW 3 MHz         Att 30 dB SWT 10.1 ms • VBW 10 MHz Mode Sweep         SGL count 100/100         10 dBm 0ffset 2.53 dB • RBW 3 MHz         MI[1] 3.08 dBm         GL count 100/100         10 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.53 dB • RBW 3 MHz         MI[1] 3.08 dBm         GL count 100/100         10 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.49992000 GH         0 dBm 0ffset 2.4992000 GH	yo doni								
Beady         Basely         Basely </td <td>13892424         te: 13.879.2024 09:04:28         Power NVNT BLE 1M 2440MHz Ant1         Spectrum         Ref Level 20.00 dBm Offset 2.53 dB • RBW 3 MHz         Att 30 dB SWT 10.1 ms • VBW 10 MHz Mode Sweep         SGL count 100/100         19/10/10         0 dBm 0ffset 2.53 dB • RBW 3 MHz         M1[1] 3.08 dB         0 dBm 0ffset 2.53 dB • RBW 3 MHz         M1[1] 3.08 dB         0 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.49920000 GH         0 dBm 0ffset 2.49920000 GH         0 dBm 0ffset 2.4992000 GH</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>	13892424         te: 13.879.2024 09:04:28         Power NVNT BLE 1M 2440MHz Ant1         Spectrum         Ref Level 20.00 dBm Offset 2.53 dB • RBW 3 MHz         Att 30 dB SWT 10.1 ms • VBW 10 MHz Mode Sweep         SGL count 100/100         19/10/10         0 dBm 0ffset 2.53 dB • RBW 3 MHz         M1[1] 3.08 dB         0 dBm 0ffset 2.53 dB • RBW 3 MHz         M1[1] 3.08 dB         0 dBm 0ffset 2.499920000 GH         0 dBm 0ffset 2.49920000 GH         0 dBm 0ffset 2.49920000 GH         0 dBm 0ffset 2.4992000 GH							_		
Power NVNT BLE 1M 2440MHz Ant1	Power NVNT BLE 1M 2440MHz Ant1           Ref Level 20.00 dBm Offset 2.53 dB RBW 3 MHz Att 30 dB SWT 10.1 ms VBW 10 MHz Mode Sweep SGL Count 100/100           M1[1] 3.88 dBr 2.4399920000 GH           0 dBm M1[1] 3.88 dBr 2.4399920000 GH           0 dBm M1[1] 3.88 dBr 2.4399920000 GH           0 dBm M1[1] 10 dBm M2           M1[1] 10 dBm M2           0 dBm dBm M2 <th c<="" th=""><th>3F 2.402 GHZ</th><th></th><th></th><th>10001</th><th>pts</th><th></th><th>spa</th><th>n 10.0 MHZ</th></th>	<th>3F 2.402 GHZ</th> <th></th> <th></th> <th>10001</th> <th>pts</th> <th></th> <th>spa</th> <th>n 10.0 MHZ</th>	3F 2.402 GHZ			10001	pts		spa	n 10.0 MHZ
	Att       30 dB       SWT       10.1 ms       VBW 10 MHz       Mode Swep         SGL Count 100/100       100/100       1111       3.88 dp       2.439920000 GH         0 dBm       M1[1]       3.88 dp       2.439920000 GH         0 dBm       M3       0       0       0         10 dBm       M3       0       0       0       0         30 dBm       0       0       0       0       0       0         10 dBm       0       0       0       0       0       0       0         30 dBm       0       0       0       0       0       0       0       0         40 dBm       0			Power NV	NT BLE 1	M 2440MHz Ant	:1		_	
Att 30 dB SWT 10.1 ms 🖷 VBW 10 MHz Mode Sweep	SGL Count 100/100 11Pk Max  10 dBm 10			Power NV	NT BLE 1	M 2440MHz Ant	:1			
	11Pk Max       M1[1]       3.88 dBr         .0 dBm       M3	Spectrum Ref Level 20.00 dBr	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz		t1		T T	
	0 dBm     M3     10 dBm       10 dBm     M3     10 dBm       10 dBm     10 dBm       30 dBm     10 dBm       30 dBm     10 dBm       30 dBm     10 dBm       10 dBm <t< th=""><th>Spectrum Ref Level 20.00 dBn Att 30 df</th><th>m Offset 2</th><th>2.53 dB 🖷 RE</th><th>SW 3 MHz</th><th></th><th>1</th><th></th><th>Ţ</th></t<>	Spectrum Ref Level 20.00 dBn Att 30 df	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz		1		Ţ	
	0 dBm     M3     Image: Constraint of the second se	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz		:1			
	10 dBm     10 dBm <td>Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100</td> <td>m Offset 2</td> <td>2.53 dB 🖷 RE</td> <td>SW 3 MHz</td> <td>Mode Sweep</td> <td>1</td> <td></td> <td>3.88 dBr</td>	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz	Mode Sweep	1		3.88 dBr	
0 dBm	10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 10 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 91Pk Max	m Offset 2	2.53 dB 🖷 RE	3 MHz 3 W 10 MHz	Mode Sweep	1	2.439	3.88 dBr	
Mat I Mat	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 11Pk Max	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBr	
MI	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 d8 SGL Count 100/100 11Pk Max .0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBr	
dBm	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 d8 SGL Count 100/100 D1Pk Max 10 dBm D dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBr	
d8m	40 dBm	Spectrum           Ref Level 20.00 dBn           Att         30 db           SGL Count 100/100           01Pk Max           10 dBm           0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
d8m	40 dBm	Spectrum           Ref Level 20.00 dBn           Att         30 db           SGL Count 100/100           10Pk Max           .0 dBm           0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
d8m	50 dBm	Spectrum           Ref Level 20.00 dBn           Att         30 db           SGL Count 100/100           01Pk Max           10 dBm           0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	50 dBm	Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 100/100 10PK Max 10 dBm 10 dBm 10 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	60 dBm	Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 100/100 19FK Max 0 dBm 0 dBm 10 dBm 10 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	60 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 10Pk Max 0 dBm 10 dBm 10 dBm 30 dBm 30 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / _ / _ / / _ / / _ / / _ /	70 dBm	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100 10 H Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / _ / _ / / _ / / _ / / _ /	70 dBm	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100 10 H Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / _ / _		Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 10 H Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / _ / _	CF 2.44 GHz         10001 pts         Span 10.0 MHz	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 10 H Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm	CF 2.44 GHz 10001 pts Span 10.0 MHz	Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm	· · · · · · · · · · · · · · · · · · ·	Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2,439	3.89 dBr 920000 GH	
dBm	Peady 13.09.2824	Spectrum  Ref Level 20.00 dBn  Att 30 dB  SGL Count 100/100  PPk Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  60 dBm  70 dBm	m Offset 2	2.53 dB 🖷 RE	M3 MHz M3 10 MHz	Mode Sweep			3.88 dBr	
1Pk Max M1[1] 3.88 di 2.439920000 0	10 dBm	Spectrum Ref Level 20.00 dBn Att 30 df	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz		:1		Ę	
	0 dBm M3 A A A A A A A A A A A A A A A A A A	Spectrum Ref Level 20.00 dBn Att 30 dB 5GL Count 100/100	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz	Mode Sweep	:1			
1Pk Max	0 dBm     M1     10 dBm       10 dBm     10 dBm     10 dBm       10 dBm	Gpectrum Ref Level 20.00 dBn Att 30 df	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz		:1		7	
2.439920000	Indem     M3     Indem       10 dBm     Indem     Indem       10 dBm     Indem     Indem       30 dBm     Indem     Indem       40 dBm     Indem     Indem       50 dBm     Indem     Indem       60 dBm     Indem     Indem	Spectrum Ref Level 20.00 dBn Att 30 dB 5GL Count 100/100	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz	Mode Sweep	:1			
	10 dBm     10 dBm <td>Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100</td> <td>m Offset 2</td> <td>2.53 dB 🖷 RE</td> <td>SW 3 MHz</td> <td>Mode Sweep</td> <td>1</td> <td>2.439</td> <td>3.88 dBi</td>	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz	Mode Sweep	1	2.439	3.88 dBi	
D dBm	10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 70 dBm 10 dBm	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100 11Pk Max	m Offset 2	2.53 dB 🖷 RE	3 MHz 3 W 10 MHz	Mode Sweep	1	2.439	3.88 dBr	
Mat I Mat	10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 70 dBm 10 dBm	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100 11Pk Max	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep	t1	2.439	3.88 dBr	
Mat I Mat	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 100/100 11Pk Max	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBr	
MI	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 d8 GGL Count 100/100 1Pk Max 0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep	11	2.439	3.88 dBr	
MI	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 d8 GGL Count 100/100 1Pk Max 0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBi	
dBm	30 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 1Pk Max 0 dBm dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.88 dBi	
d8m	40 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 1Pk Max 0 dBm dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
d8m	40 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 1Pk Max 0 dBm dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
d8m	40 dBm	Spectrum           Ref Level 20.00 dBn           Att         30 db           SGL Count 100/100           1Pk Max           0 dBm           idBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	50 dBm	Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 100/100 1PK Max 0 dBm 0 dBm 10 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	50 dBm	Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 100/100 1PK Max 0 dBm 0 dBm 10 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	60 dBm	Spectrum Ref Level 20.00 dBn Att 30 db GGL Count 100/100 1Pk Max 0 dBm 1 dBm 10 dBm 30 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	60 dBm	Spectrum Ref Level 20.00 dBn Att 30 db GGL Count 100/100 1Pk Max 0 dBm 1 dBm 10 dBm 30 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
	70 dBm	Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 10Pk Max 0 dBm 10 dBm 10 dBm 30 dBm 30 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / _ / _ / / _ / / _ / / _ /	70 dBm	Spectrum           Ref Level 20.00 dBn           Att 30 dB           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           10 dBm           30 dBm           40 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / _ / _ / / _ / / _ / / _ /	70 dBm	Spectrum           Ref Level 20.00 dBn           Att 30 dB           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           10 dBm           30 dBm           40 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / _ / _ / / _ / / _ / / _ /	70 dBm	Spectrum           Ref Level 20.00 dBn           Att 30 dB           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           10 dBm           30 dBm           40 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / / / _ / / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / _ / / _ / / _ / / _ / / _ / / _ / / _ / / _ /		Spectrum           Ref Level 20.00 dBn           Att 30 db           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           30 dBm           30 dBm           40 dBm           50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / _ / _		Spectrum           Ref Level 20.00 dBn           Att 30 db           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           30 dBm           30 dBm           40 dBm           50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / _ / _		Spectrum           Ref Level 20.00 dBn           Att 30 db           SGL Count 100/100           10 HR Max           0 dBm           10 dBm           30 dBm           30 dBm           40 dBm           50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2,439	3.89 dBr 920000 GH	
dBm / / / / _ / _		Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 100/100 10 H Max 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm / / / / _ / _		Spectrum           Ref Level 20.00 dBn           Att         30 db           SGL Count 100/100           91Pk Max           10 dBm           0 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm	CF 2.44 GHz         10001 pts         Span 10.0 MHz	Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm	Image: CF 2.44 GHz         10001 pts         Span 10.0 MHz	Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm	CF 2.44 GHz 10001 pts Span 10.0 MHz	Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm		Spectrum  Ref Level 20.00 dBn  Att 30 db  SGL Count 100/100  PPK Max  0 dBm  10 dBm  10 dBm  30 dBm  40 dBm  50 dBm  60 dBm	m Offset 2	2.53 dB 🖷 RE	SW 3 MHz SW 10 MHz M3	Mode Sweep		2.439	3.89 dBr 920000 GH	
dBm		Spectrum  Ref Level 20.00 dBn  Att 30 dB  SGL Count 100/100  PIPk Max  10 dBm  10 dBm  30 dBm  40 dBm  60 dBm  70 dBm	m Offset 2	2.53 dB 🖷 RE	M3 MHz M3 10 MHz	Mode Sweep			3.88 dBr	
dBm 10 dBm 1	Deady 13.09.2024	Spectrum  Ref Level 20.00 dBn  Att 30 dB  SGL Count 100/100  PIPk Max  10 dBm  10 dBm  30 dBm  40 dBm  60 dBm  70 dBm	m Offset 2	2.53 dB 🖷 RE	M3 MHz M3 10 MHz	Mode Sweep		Spa	3.88 dBr	

	Pow	er NVNT BLE 1	M 2480MHz Ant	1	
Spectrum					
Ref Level 20.00 de		B 🖷 RBW 3 MHz			
Att 30 ( CCL Count 100/100)	dB <b>SWT</b> 10.1 m	is 🖷 VBW 10 MHz	Mode Sweep		
SGL Count 100/100					
			M1[1]	2	5.45 dBm 480110000 GHz
10 dBm				+ +	
0 dBm					
10.10					
-10 dBm					
a fim					
-30 dBm					
-40 dBm					
-50 dBm					
-60 dBm					
-70 dBm					
-70 dBm					
CF 2.48 GHz		10001	pts		Span 10.0 MHz
			Ready	40	
Date: 13.87P.2024	09:09:33				

•••=						
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.63	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.63	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.62	0.5	Pass

# -6dB Bandwidth

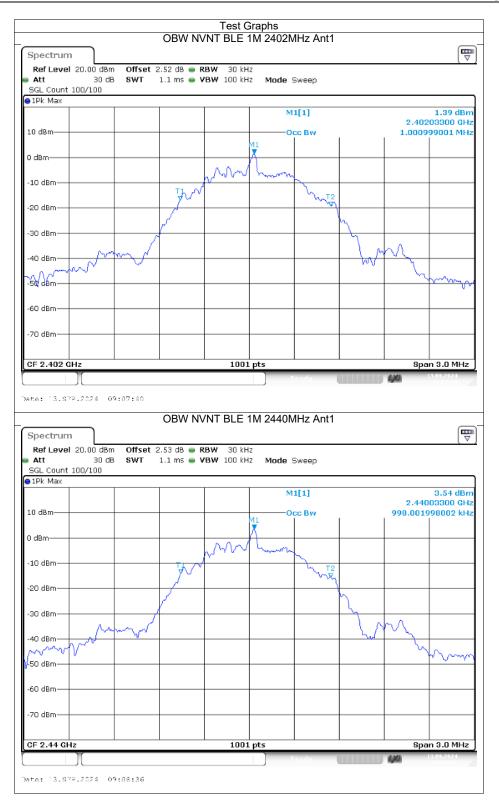
### TRF No.: 04-E001-0B

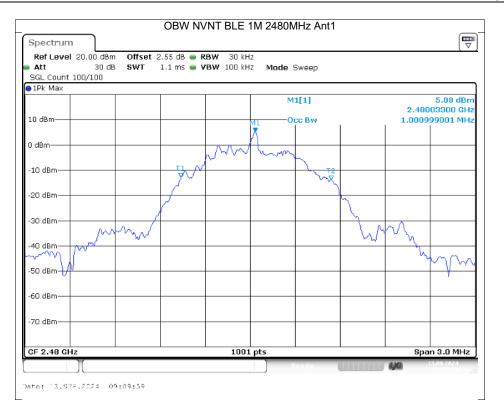
		-6dB	Bandwi	Test Gr	LE 1M 2402N	/Hz Ant1		
Spectrum								
Ref Level				RBW 100 kHz				( •
SGL Count :	30 d£ 100/100	B SWT	1 ms 👄	<b>VBW</b> 300 kHz	Mode Sweep			
1Pk Max	100, 100							
					M1[1]		2 4020	1.48 dBm 4200 GHz
10 dBm				1	M1 M2[1]		-	4.28 dBm
0 dBm			Ma	mon mon	- vormpro-	M <sup>2</sup>	2.4017	1800 GHz
-10 dBm			y and the second		-	W. Law		
		1				June 1	$\sim$	
-20 dBm	-	and the second					<u> </u>	
-30 dBm	WHAT -							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-40 dBm	w ·						T	ω.
FO dB-								
-50 dBm								
-60 dBm								
-70 dBm								
CF 2.402 G	Hz			1001	ots		Span	2.0 MHz
Marker Type   Ref	Tre	X-value		Y-value	Function	L Fu	nction Result	
M1	1	2.4020	42 GHz	1.48 dBm	1		notion nosait	
M2 M3	1	2.4017:		-4.28 dBm -4.42 dBm				
	)[				LE 1M 2440N	/Hz Ant1	4,40	.09.2024 19:07:05
ate: 13.57 Spectrum <b>Ref Level</b>	20.00 dBn	9:07:46 -6dB n Offset 2	Bandwi	dth NVNT B	Ready ILE 1M 2440N		1) AJAN <sup>13</sup>	.09.2024 //
ate: 13.87 Spectrum Ref Level Att SGL Count :	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	Bandwi	dth NVNT B	Ready LE 1M 2440N			.09.2024
ate: 13.87 Spectrum Ref Level Att SGL Count :	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	Bandwi	dth NVNT B	Deads LE 1M 2440N Mode Sweep			
Spectrum Ref Level Att SGL Count : IPk Max	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	Bandwi	dth NVNT B RBW 100 kHz VBW 300 kHz	LE 1M 2440N Mode Sweep M1[1]			3.65 dBm
Spectrum Ref Level Att SGL Count : JPk Max 10 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Deads LE 1M 2440N Mode Sweep		2.4400	3.65 dBm 3200 GHz 2.23 dBm
Spectrum Ref Level Att SGL Count : JPk Max 10 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	Bandwi	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm
Spectrum Ref Level Att SGL Count : 1Pk Max 10 dBm 0 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm
Spectrum Ref Level Att SGL Count : JIPk Max 10 dBm -10 dBm -10 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm
Ate: 13.877 Spectrum Ref Level Att SGL Count : IVK Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm
Spectrum Ref Level Att SGL Count : IPk Max	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm
Ate: 13.873 Spectrum Ref Level Att SGL Count : 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ste: 13.87 Spectrum Ref Level Att SGL Count : SGL Count : 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ate:         13.873           Spectrum         Ref Level           Att         SGL Count :           SGL Count :         10 dBm           10 dBm         0 dBm           -10 dBm         -20 dBm           -20 dBm         -40 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ste: 13.87 Spectrum Ref Level Att SGL Count : SGL Count : 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -40 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ate:         13.873           Spectrum         Ref Level           Att         SGL Count :           SGL Count :         10 dBm           10 dBm         -10 dBm           -20 dBm         -20 dBm           -20 dBm         -60 dBm	20.00 dBn 30 dB	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Providy      LE 1M 2440N      Mode Sweep      M1[1]      M2[1]		2.4400 - 2.4397 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ate:         13.873           Spectrum         Ref Level           Att         SGL Count :           SGL Count :         10 dBm           10 dBm         -0 dBm           -20 dBm         -20 dBm           -20 dBm         -60 dBm           -50 dBm         -70 dBm	20.00 dBm 30 dt 100/100	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B	Povrkv LE 1M 2440N Mode Sweep M1[1] M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ate: 13.873 Spectrum Ref Level Att SGL Count : ID dBm O dBm -10 dBm -20 dBm -20 dBm -20 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm	20.00 dBm 30 dt 100/100	9:07:46 -6dB n Offset 2	B Bandwi 2.53 dB • 1 ms •	dth NVNT B RBW 100 kHz VBW 300 kHz	Povrkv LE 1M 2440N Mode Sweep M1[1] M2[1]		2.4400	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ste:         13.873           Spectrum         Ref Level           Att         SGL Count :           10 dBm         0           0 dBm         -10 dBm           -20 dBm         -20 dBm           -40 dBm         -50 dBm	20.00 dBn 30 dt 100/100	9:07:46 -6dB n Offset 2	Bandwi 2.53 dB • 1 ms •	dth NVNT B	Povrkv LE 1M 2440N Mode Sweep M1[1] M2[1]	2 M3	2.4400	
ate:         13.873           Spectrum         Ref Level           Att         SGL Count :           SGL Count :         10 dBm           10 dBm         -0 dBm           -20 dBm         -20 dBm           -20 dBm         -60 dBm           -50 dBm         -60 dBm           -70 dBm         -70 dBm           -70 dBm         -70 dBm           -70 dBm         -70 dBm	20.00 dBn 30 dt 100/100	-6dB -6dB -6dB	Bandwi 2.53 dB • 1 ms • M2 M2 	dth NVNT B RBW 100 kHz yBW 300 kHz M M M M M M M M M M M M M	Province LE 1M 2440N Mode Sweep M1[1] M1[1] M2	2 M3	2.4400 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz
ate:         3.873           Spectrum         Ref Level           Att         SGL Count :           SGL Count :         10 dBm           10 dBm         0 dBm           -10 dBm         -20 dBm           -20 dBm         -60 dBm           -50 dBm         -70 dBm           -70 dBm         -70 dBm           -70 dBm         -70 dBm	20.00 dBn 30 dt 100/100	9:07:46 -6dB 3 SWT	B Bandwi 2.53 dB • 1 ms • M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	dth NVNT B	Province ALE 1M 2440N Mode Sweep M1[1] M1[1] M2[1] M	2 M3	2.4400 	3.65 dBm 3200 GHz 2.23 dBm 1800 GHz

		-6dB	Bandw	idth NVNT E	BLE 1M 2	2480M	IHz Ant1		_
Spectrum									<b></b>
Ref Level 20	0.00 dBm	Offset 2	.55 dB 😑	RBW 100 kHz					
🖷 Att	30 dB	SWT	1 ms 😑	<b>VBW</b> 300 kHz	Mode 3	Sweep			
SGL Count 10	0/100								
😑 1Pk Max									
					M	1[1]			5.22 dBm
10 dBm					<del>/1</del>				03200 GHz
			M2,		🗶 М	2[1]	MB		-0.26 dBm
0 dBm				an - marine	hor	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	her .	2.479	72600 GHz
			-				- Maria		
-10 dBm							- mar		
		5						$\sim$ 1	
-20 dBm	/	~							
19078R-1141	WW .							~~~~	
130 asw - 1	••							1	Marda and I
-40 dBm									
-40 0811									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.48 GHz				1001	pts			Spai	1 2.0 MHz
Marker									
	Trc	X-value	- 1	Y-value	Func	tion	Fun	ction Result	1
M1	1	2.48003		5.22 dBn					
M2	1	2.47972		-0.26 dBn					
M3	1	2.4803	48 GHz	-0.53 dBn	1				
						le ad y		430	3.09.2024
	<u> </u>								
ate: 13.87P.3	2024 04	9:10:04							

## **Occupied Channel Bandwidth**

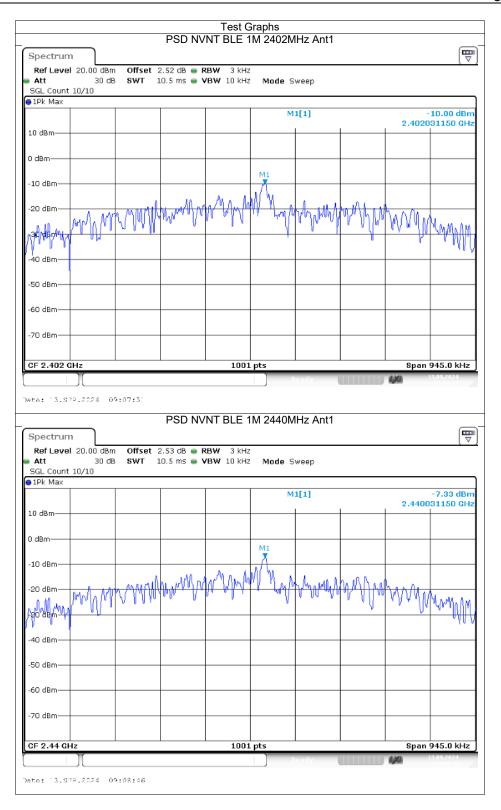
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.001
NVNT	BLE 1M	2440	Ant1	0.998
NVNT	BLE 1M	2480	Ant1	1.001

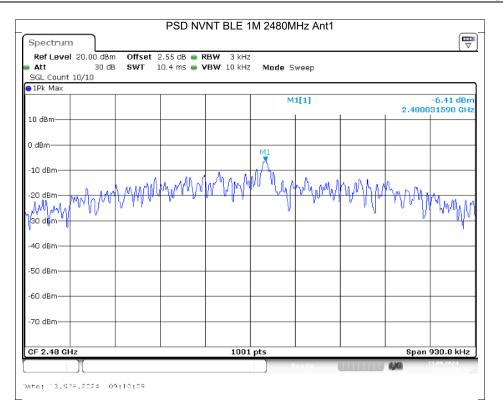




# Maximum Power Spectral Density Level

				·····				
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	-10	0	-10	8	Pass
NVNT	BLE 1M	2440	Ant1	-7.33	0	-7.33	8	Pass
NVNT	BLE 1M	2480	Ant1	-6.41	0	-6.41	8	Pass





Band	Edge					
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.94	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.23	-20	Pass

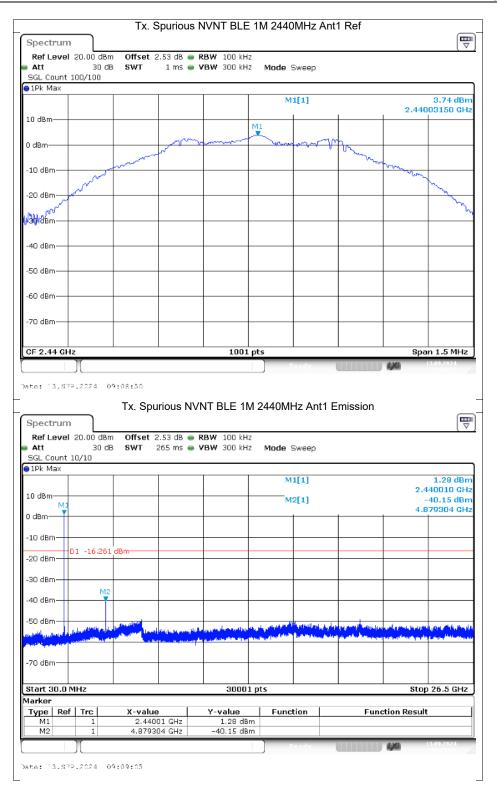
		Bai	nd Edge	Test C NVNT BLE	1M 2402MI	Hz Ant1 Re	ef		
Spectrum			-						Ē
Ref Level	20.00 dB	m Offset	2.52 dB 👄	<b>RBW</b> 100 kH	Iz				( .
Att SGL Count :	30 c		1 ms 👄	<b>VBW</b> 300 kH	Iz Mode Sw	eep			
1Pk Max	1100/1100	J							
					M1[	1]			1.59 dBn
								2.402	03200 GH
10 dBm									
0 dBm									
o abin				1	~				
10 dBm									
					1 1				
-20 dBm									
-30 dBm				~	t \_	~			
			- And and the second						
-40 dBm	and a starter and a starter a	- Martin Martin				N. Contraction of the Contractio	menun	A. 49 .	
~~ W W .								and a second	umanum
-50 dBm									
-60 dBm									
-70 dBm									
-70 asm									
CF 2.402 G	Hz			1001	1 pts			Spa	n 8.0 MHz
ate: 13.57	)[ 9.2024		Edge NV	/NT BLE 1N	Вес И 2402MHz	Ant1 Emis	sion	4,40	13.09.2024
ste: 13.87 Spectrum	_		Edge NV	/NT BLE 1N	Рос И 2402MHz	Ant1 Emis	sion	4,44	13.09.2024 99.02.00
Spectrum Ref Level	20.00 dB	Band m Offset	2.52 dB 👄	RBW 100 kH	Iz	Ant1 Emis	sion	4,44	13.09.2024
Spectrum Ref Level Att	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄		Iz		sion	<i>lla</i>	13.09.2024
Spectrum Ref Level Att SGL Count	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz		sion	<i>iya</i>	(T
Spectrum Ref Level Att	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz	eep	sion	<i>iya</i>	
Spectrum Ref Level Att SGL Count	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion		1.46 dBr 05000 GH
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	lz Iz <b>Mode</b> Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dB 30 c	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 CH 39.35,dBr 000007CH
Spectrum Ref Level Att SGL Count IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	-	1.46 dBr 05000 GH 39.35,dBr
Spectrum Ref Level SGL Count ) IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT	2.52 dB 👄	RBW 100 kH	Iz Mode Sw	reep 1]	sion	2.400	1.46 dBr 05000 GH 39.35 <sub>4</sub> dBr 000000CH
Spectrum Ref Level Att SGL Count SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 40 dBm 40 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	12 12 Mode Sw M1[ M2[ 1	eep 1] 1] 1]		2.400	1.46 dBr 05000 CH 39.35,dBr 000007CH
Spectrum Ref Level Att SGL Count SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 40 dBm 40 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	12 12 Mode Sw M1[ M2[ 1	eep 1] 1] 1]		2.400	1.46 dBr 05000 GH 39.35 <sub>4</sub> dBr 000000CH
Spectrum Ref Level Att SGL Count SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 40 dBm 40 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	Iz Mode Sw	eep 1] 1] 1]		2.400	1.46 dBr 05000 GH 39.35 <sub>4</sub> dBr 000000CH
Spectrum Ref Level Att SGL Count SGL Count 10 dBm 0 dBm 10 dBm 20 dBm 40 dBm 40 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	12 12 Mode Sw M1[ M2[ 1	eep 1] 1] 1]		2.400	1.46 dBr 05000 GH 39.35 <sub>4</sub> dBr 000000CH
Spectrum Ref Level Att SGL Count ID dBm D dBm D dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	12 12 Mode Sw M1[ M2[ 1	eep 1] 1] 1]		2.400	1.46 dBr 05000 GH 39.35 <sub>4</sub> dBr 000000CH
Spectrum           Ref Level           Att           SGL Count           1Pk Max           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -70 dBm           -70 dBm           Start 2.306	20.00 dB 30 c 1000/1000	Band m Offset B SWT 2 dBm	2.52 dB • 1 ms •	RBW 100 kH	12 12 Mode Sw M1[ M2[ 10 10 10 10 10 10 10 10 10 10	eep 1] 1] 1]		2.400	1.46 dBr 05000 GH 39.35,dBr 00000,GH
Spectrum           Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -70 dBm           -70 dBm           Start 2.306	20.00 dB 30 c 1000/1000 01 -18.41	Band	2.52 dB 1 ms	RBW 100 kH	12 12 Mode Sw M1[ M2[ M2[ M2[ M2[ M2[ M2[ M2[ M2	eep 1] 1] 	hylin pear fabrill	2,400	1.46 dBr 05000 GH 39.35,dBr 00000 GH
Spectrum           Ref Level           Att           SGL Count           IPk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -70 dBm           -70 dBm           Start 2.306	20.00 dB 30 c 1000/1000	Band	2.52 dB 1 ms	RBW         100 kH           VBW         300 kH	12 22 Mode Sw M1[ M2[ M2[ M2[ M2[ M2[ M2[ M2[ M2	eep 1] 1] 	hylin pear fabrill	2.400	2.406 GHz
Spectrum           Ref Level           Att           SGL Count           1Pk Max           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.306           Type           M1           M2	20.00 dB 30 c 1000/1000 01 -18.41 01 -18.41 01 -18.41 01 -18.41	Band m Offset B SWT 2 dBm 2 dBm 2 dBm 2 dBm 2 dBm 4 dBm 4 dBm 5 dBm	2.52 dB 1 ms 1 m	RBW         100 kH           VBW         300 kH	iz iz Mode Sw M1[ M2[ M2[ M2[ M2[ M2[ M2[ M2[ M2	eep 1] 1] 	hylin pear fabrill	2,400	1.46 dBr 05000 GH 39.35,dBr 00000 GH
Spectrum           Ref Level           Att           SGL Count           1Pk Max           10 dBm           10 dBm           20 dBm           -10 dBm           -20 dBm           -30 dBm	20.00 dB 30 c 1000/1000 01 -18.41 01 -18.41 GHz I Trc 1	Band m Offset B SWT 2 dBm 2 dBm 2 dBm 2 dBm 2 dBm 4 dBm 4 dBm 5 dBm	2.52 dB 1 ms 1 m	RBW 100 kH	iz iz Mode Sw M1[ M2[ M2[ M2[ M2[ M2[ M2[ M2[ M2	eep 1] 1] 	hylin pear fabrill	2,400	1.46 dBr 05000 GH 39.35,dBr 00000 GH

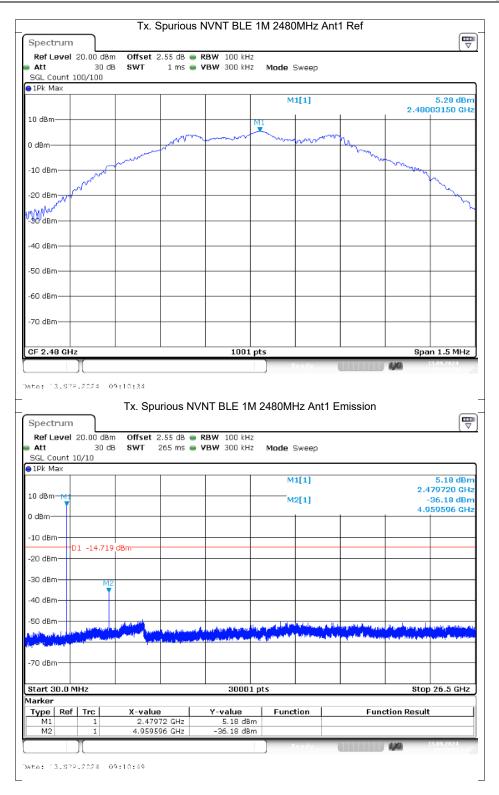
	Bar	nd Edge N	VNT BLE	1M 2480	MHz Ant1	Ref		_
Spectrum								(₩
Ref Level 20.00 (	dBm Offset ( ) dB SWT	2.55 dB 👄 R 1 ms 👄 V	BW 100 kHz BW 300 kHz		Sweep			
SGL Count 1100/11	.00				F			
●1Pk Max		1 1		м	1[1]			5.31 dBn
							2.480	04000 GH
10 dBm			N	1				
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-70 dBm								
CF 2.48 GHz				<u> </u>				
GF 2.48 GHZ			1001	pts	_		spa	n 8.0 MHz
Spectrum	Band B	Edge NVN			lz Ant1 Er	nission		
Spectrum Ref Level 20.00 ( Att 30	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R				mission		(The second seco
Spectrum <b>Ref Level</b> 20.00 ( <b>Att</b> 30 SGL Count 500/500	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	!		mission		
Spectrum <b>Ref Level</b> 20.00 ( <b>Att</b> 30 SGL Count 500/500	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S		nission		5.28 dBr
Spectrum Ref Level 20.00 Att 30 SGL Count 500/500 1Pk Max	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Sweep	mission		5.28 dBr 05000 GH
Spectrum Ref Level 20.00 ( Att 30 SGL Count 500/500 ) IPk Max	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]	nission	-	5.28 dBr 05000 GH 43.08 dBr
Spectrum Ref Level 20.00 ( Att 30 SGL Count 500/500 10k Max 10 rd&m 0 d&m	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]	nission	-	5.28 dBr 05000 GH 43.08 dBr
Spectrum           Ref Level 20.00 (           Att 30           SGL Count 500/500           1Pk Max           10 rdBm           0 dam           -10 cBm           D1 -14.4	Band B dBm Offset 2 dB SwT	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]		-	5.28 dBr 05000 GH 43.08 dBr
Spectrum           Ref Level 20.00 d           Att 30           SGL Count 500/500           IPk Max           10 kBm           0 dan           -10 kBm	Band E	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]		-	5.28 dBr 05000 GH 43.08 dBr
Spectrum           Ref Level 20.00 (           Att 30           SGL Count 500/500           IPk Max           10 kBm           0 dam           -10 kBm           D1 -14.4	Band E	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]		-	5.28 dBr 05000 GH 43.08 dBr
Spectrum           Ref Level 20.00 d           Att 30           SGL Count 500/500           IPk Max           10 rdBm           0 dBm           -10 cBm           -20 oBm	Band E	2.55 dB 👄 R	<b>BW</b> 100 kHz	Mode S	Gweep 1[1]		-	5.28 dBr 05000 GH 43.08 dBr
Spectrum Ref Level 20.00 d Att 33 SGL Count 500/500 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 d	Band B	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum Ref Level 20.00 d Att 33 SGL Count 500/500 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 d	Band B	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum Ref Level 20.00 d Att 33 SGL Count 500/500 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 d	Band E	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum Ref Level 20.00 o Att 30 SGL Count 500/500 1Pk Max 10 d8m 0 d8 m -10 d8m -20 o8m -30 d8m -50 d8m -60 d8m -60 d8m -20 o8m -20 o8m -30 d8m -30 d8m	Band B	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum           Ref Level         20.00 d           Att         30           SGL         Count         500/500           IPk         Max         10           IPk         Max         10           0 d8m         0         0           -10 d8m         D1         -14.4           -20 d8m         -30 d8m         -40 d8m           -50 d8m         -40 d8m         -40 d8m           -70 d8m         -70 d8m         -70 d8m	Band B	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	: 	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum           Ref Level         20.00 (           Att         30           SGL Count         500/500           1Pk Max         10           10 rdBm         0           -10 cBm         01           -20 qBm	Band B	2.55 dB • R 1 ms • V	BW 100 kHz BW 300 kHz	: 	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Ref Level         20.00 G           Att         30           SGL Count         500/500           IPk Max         10           0 dBm         0           -10 cBm         D1 -14.0           -20 aBm         -30 dBm           -30 dBm         -50 dBm           -50 dBm         -70 dBm           -70 dBm         -70 dBm           -70 dBm         -70 dBm	Band B	2.55 dB   R	BW 100 kHz BW 300 kHz	Mode s M M M	Sweep 1[1] 2[1]		2.483	5.28 dBn 05000 GH 43.08 dBn 50000 GH
Spectrum           Ref Level         20.00 (           Att         33           SGL Count         500/500           1Pk Max         10           10 dBm         0           -10 dBm         D1           -20 dBm	Band E	2.55 dB   R  1 ms  V	BW 100 kHz BW 300 kHz 300 kHz	: Mode S 	Sweep 1[1] 2[1]		2.483	5.28 dBr 05000 GH 43.08 dBr 50000 GH
Spectrum           Ref Level 20.00 d           Att 33           SGL Count 500/500           1Pk Max           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           -70 dBm	Band E	2.55 dB   R  1 ms  V	BW 100 kHz BW 300 kHz 300 kHz	: Mode S 	Sweep 1[1] 2[1]		2.483	2.576 GHz

# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-38.14	-20	Pass
NVNT	BLE 1M	2440	Ant1	-43.89	-20	Pass
NVNT	BLE 1M	2480	Ant1	-41.46	-20	Pass

	Tx. S	Spurious N	Test Gr	apris 1M 2402MHz	Ant1 Ref		
Spectrum							
Ref Level 20.00 dBm	Offset 2	2.52 dB 🔵 R	BW 100 kHz				( )
Att 30 dB			'BW 300 kHz	Mode Sweep	)		
SGL Count 100/100							
1Pk Max	I						1.50 db.
				M1[1]		2,402	1.50 dBr 203000 GH
10 dBm						+	
			L. L.	11			
0 dBm		م		mun	mus.n.		
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-10 dBm	- at				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mon have	
and the second sec						- vor	h.
-20 dBm							1ª Ca
and proved							- www
139,#B/m							
-40 dBm							
-50 dBm							
-60 dBm							
-70 dBm							
CF 2.402 GHz			1001 p	ute .			 in 1.5 MHz
			1001	~		. 4M	13.09.2024
ate: 13.87P.2024 0		irious NVI	NT BI F 1M	2402MHz Ai	nt1 Emission	- Age of	<b>6</b> 9:05:12
ste: 13.87P.2024 0		irious NVI	NT BLE 1M	2402MHz Ar	nt1 Emission		
Spectrum Ref Level 20.00 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	2402MHz Ar	nt1 Emission		Ţ
Spectrum Ref Level 20.00 dBm Att 30 dB	Tx. Spu	2.52 dB 👄 R		2402MHz An Mode Sweep			T T
Spectrum Ref Level 20.00 dBm Att 30 dE SGL Count 10/10	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz				7
Spectrum Ref Level 20.00 dBm Att 30 dB	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep			( 1
Spectrum Ref Level 20.00 dBr Att 30 dE SGL Count 10/10 JPk Max	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep			1.02 dBi 102070 GH
Spectrum Ref Level 20.00 dBm Att 30 dE SGL Count 10/10	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBr Att 30 dB SGL Count 10/10 Pk Max 10 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dE SGL Count 10/10 1Pk Max 10 dBm M1 0 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 1Pk Max 10 dBm 10 dBm -10 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dE SGL Count 10/10 PIPk Max 10 dBm M1	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 9 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm D1 -18.504	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 9 IPk Max 10 dBm -10 dBm -10 dBm -20 dBm D1 -18.504	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm a Att 30 dB SGL Count 10/10 PIPk Max 10 dBm 10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -20 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBi 102070 GH -36.64 dBi
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 1Pk Max 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	Tx. Spu	2.52 dB 👄 R	<b>BW</b> 100 kHz	Mode Sweep		-	1.02 dBr 102070 GH -36.64 dBr
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 PIPk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 50 dBm 10 dBm 1	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep M1[1] M2[1]		4.8	1.02 dBi 102070 GH -36.64 dBi 103423 GH
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 10/10 9 IPk Max 10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -40 dBm	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep 		- 4.E	1.02 dBi 102070 GH -36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  10 dBm  -10 dBm  -10 dBm  -20 dBm  D1 -18,504  -30 dBm  M2 -40 dBm  -50 d	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep 		- 4.E	1.02 dBr 102070 GH -36.64 dBr 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  10 dBm  -10 dBm  -10 dBm  -20 dBm  D1 -18.504 -30 dBm  M2 -40 dBm  -50 dBm  -50 dBm	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep 		- 4.E	1.02 dBi 102070 GH -36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  -10 dBm  -10 dBm -20 dBm D1 -18.504 -30 dBm M2 -40 dBm	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep 		- 4.E	1.02 dBi 102070 GH -36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  10 dBm  20 dBm  20 dBm  20 dBm  70 dBm  70 dBm  70 dBm  50 dBm  70 dB	Tx. Spu	2.52 dB • R 265 ms • V	XBW 100 kHz /BW 300 kHz	Mode Sweep			1.02 dBi 102070 GH -36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  10 dBm  10 dBm  20 dBm  D1 -18.504  -30 dBm  -70 dBm  -70 dBm  Start 30.0 MHz  Aarker	Tx. Spu	2.52 dB	88W         100 kHz           'BW         300 kHz	Mode Sweep M1[1] M2[1] M2[1]		4.E	1.02 dBi 102070 GH 36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  Att 30 dB  SGL Count 10/10  IPk Max  10 dBm  10 dBm  -10 dBm  -10 dBm  -20 dBm  -20 dBm  -70 dBm -	Tx. Spu	2.52 dB      R     R	88W 100 kHz /8W 300 kHz	Mode Sweep M1[1] M2[1			1.02 dBi 102070 GH 36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  SGL Count 10/10  IPk Max  10 dBm  10 dBm  10 dBm  20 dBm  D1 -18.504  -30 dBm  -70 dBm  -70 dBm  Start 30.0 MHz  Aarker	Tx. Spu	2.52 dB      R     R     R     S	88W         100 kHz           'BW         300 kHz	Mode Sweep M1[1] M2[1		4.E	1.02 dBi 102070 GH 36.64 dBi 103423 GH
Spectrum  Ref Level 20.00 dBm  Att 30 dB  SGL Count 10/10  IPk Max  10 dBm  10 dBm  10 dBm  20 dBm  10 dBm  -10 dBm  -10 dBm  -20 dBm  -20 dBm  -20 dBm  -30	Tx. Spu	2.52 dB      R     R     R     S	88W         100 kHz           /BW         300 kHz           /BW         300 kHz           /BW         100 kHz	Mode Sweep M1[1] M2[1		4.E	1.02 dBi 102070 GH 36.64 dBi 103423 GH





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

Please refer to the report: E04A24080488F00401.

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

Please refer to the report: E04A24080488F00401.

**END OF REPORT**