

## CFR 47 FCC PART 15 SUBPART C

## **TEST REPORT**

For

### Nanoleaf WIFI module

### MODEL NUMBER: NL06A

### REPORT NUMBER: E04A25020235F00801

### ISSUE DATE: February 22, 2025

### FCC ID: 2AEWY-NL06A

Prepared for

### NANOGRID LIMITED

### ROOM 1301, 13/F, EXCEL CENTRE, 483A CASTLE PEAK ROAD, LAI CHI KOK KOWLOON, Hong Kong

Prepared by

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#### REPORT NO.: E04A25020235F00801 Page 2 of 109

## **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	June 6, 2024	Initial Issue	Win Huang
V0	February 22, 2025	This application changes the power level parameters, so a full test is required.	

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	N/A
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 15.247 (d) FCC Part 15.205/15.209	Pass
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

### Summary of Test Results

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

\*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART C> when <Accuracy Method> decision rule is applied.

## CONTENTS

1. ATTE	STATION OF TEST RESULTS	5
2. TEST	METHODOLOGY	6
3. FACI	LITIES AND ACCREDITATION	6
4. CALI	BRATION AND UNCERTAINTY	7
4.1.	MEASURING INSTRUMENT CALIBRATION	7
4.2.	MEASUREMENT UNCERTAINTY	7
5. EQUI	PMENT UNDER TEST	8
5.1.	DESCRIPTION OF EUT	8
5.2.	CHANNEL LIST	9
5.3.	MAXIMUM AVERAGE EIRP	9
5.4.	TEST CHANNEL CONFIGURATION	9
5.5.	THE WORSE CASE POWER SETTING PARAMETER	
5.6.	DESCRIPTION OF AVAILABLE ANTENNAS	
5.7.	SUPPORT UNITS FOR SYSTEM TEST	
5.8.	SETUP DIAGRAM	12
0.0.		
	SURING EQUIPMENT AND SOFTWARE USED	
6. MEAS		13
6. MEAS	SURING EQUIPMENT AND SOFTWARE USED	13
6. MEA	SURING EQUIPMENT AND SOFTWARE USED	13 14 14
<ol> <li>6. MEAS</li> <li>7. ANTE 7.1.</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS Conducted Output Power	13 14 
<ol> <li>6. MEAS</li> <li>7. ANTE 7.1. 7.2.</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS Conducted Output Power 6dB Bandwidth and 99% Occupied Bandwidth	13 14 14 
<ol> <li>6. MEAS</li> <li>7. ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS Conducted Output Power 6dB Bandwidth and 99% Occupied Bandwidth Power Spectral Density	<b>13</b> <b>14</b> 14 14 16 
<ol> <li>6. MEAS</li> <li>7. ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> <li>7.4.</li> <li>7.5.</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS	<b>13 14 14 16 18 20 22</b>
<ol> <li>6. MEAS</li> <li>7. ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> <li>7.4.</li> <li>7.5.</li> <li>8. RADI</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS	13 14 14 14 16 18 20 22 22 23
<ol> <li>6. MEAS</li> <li>7. ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> <li>7.4.</li> <li>7.5.</li> <li>8. RADI</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS	13 14 14 14 16 18 20 22 22 23 45
<ol> <li>6. MEAS</li> <li>7. ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> <li>7.4.</li> <li>7.5.</li> <li>8. RADI</li> <li>9. ANTE</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS	13 14 14 14 16 18 20 22 22 23 23 45 46
<ol> <li>MEAS</li> <li>ANTE</li> <li>7.1.</li> <li>7.2.</li> <li>7.3.</li> <li>7.4.</li> <li>7.5.</li> <li>RADI</li> <li>ANTE</li> <li>10.</li> <li>11.</li> </ol>	SURING EQUIPMENT AND SOFTWARE USED ENNA PORT TEST RESULTS	13 14 14 14 16 18 20 22 22 23 23 45 45 46 48

## **1. ATTESTATION OF TEST RESULTS**

### Applicant Information

NANOGRID LIMITED ROOM 1301, 13/F, EXCEL CENTRE, 483A CASTLE PEAK ROAD, LAI CHI KOK KOWLOON, Hong Kong
NANOGRID LIMITED
ROOM 1301, 13/F, EXCEL CENTRE, 483A CASTLE PEAK
ROAD, LAI CHI KOK KOWLOON, Hong Kong
Nanoleaf WIFI module
NL06A
N/A
Nanoleaf
February 13, 2025
Normal
A25020235 001

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART C	Pass

February 13, 2025 to February 19, 2025

Prepared By:

Date of Tested:

Checked By:

an the

Alan He

Laboratory Leader

Win Huang **Project Engineer** esting Approved By: Shawn Wen CERTIFICA Laboratory Manager

## 2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C(DTS)

## 3. FACILITIES AND ACCREDITATION

Accreditation Certificate	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 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.
	togilities use to collect the measurement date are leasted at

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

## 4. CALIBRATION AND UNCERTAINTY

## 4.1. MEASURING INSTRUMENT CALIBRATION

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

## 4.2. MEASUREMENT UNCERTAINTY

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

Test Items	k	Uncertainty			
DTS Bandwidth	1.96	±9.2 PPM			
20dB Emission Bandwidth	1.96	±9.2 PPM			
Carrier Frequency Separation	1.96	±9.2 PPM			
Time of Occupancy	1.96	±0.57%			
Conducted Output Power	1.96	±1.5 dB			
Power Spectral Density Level	1.96	±1.9 dB			
Conducted Spurious Emission         1.96         9 kHz-30 MHz: ± 0.95 dB 30 MHz-1 GHz: ± 1.5 dB 1GHz-12.75GHz: ± 1.8 dB 12.75 GHz-26.5 GHz: ± 2.1dE					
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.					

Test Item	Measurement Frequency Range	к	U(dB)
Conducted emissions from the AC mains power ports (AMN)	150 kHz ~ 30 MHz	2	3.37
Radiated emissions	9 kHz ~ 30 MHz	2	4.16
Radiated emissions	30 MHz ~ 1 GHz	2	3.79
Radiated emissions	1 GHz ~ 18 GHz	2	5.62
Radiated emissions	18 GHz ~ 40 GHz	2	5.54

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

## 5. EQUIPMENT UNDER TEST

## 5.1. DESCRIPTION OF EUT

EUT Name		Nanoleaf WIFI module	
Model		NL06A	
Series Model		N/A	
Hardware Version		N/A	
Software Version		N/A	
Ratings		Input: DC 3.3V±0.2V	
	DC	3.3V	
Power Supply			

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2412 MHz to 2462 MHz
Support Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n-HT20, IEEE 802.11n-HT40
Type of Modulation:	IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g/n: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
Data Rate:	IEEE 802.11b: Up to 11 Mbps IEEE 802.11g: Up to 54 Mbps IEEE 802.11n: Up to MCS7
Number of Channels:	IEEE 802.11b/g/n-HT20: 11 IEEE 802.11n-HT40: 7
Maximum Peak Power:	IEEE 802.11b: 9.97 dBm IEEE 802.11g: 9.89 dBm IEEE 802.11n-HT20: 9.67 dBm IEEE 802.11n-HT40: 8.97 dBm
Antenna Type:	PCB Antenna
Antenna Gain:	2.15dBi
Test Software	QATool_Dbg

Channel List for 802.11b/g/n (20 MHz)								
Channel Channel Channel Channel							Frequency (MHz)	
1	2412	4	2427	7	2442	10	2457	
2	2417	5	2432	8	2447	11	2462	
3	2422	6	2437	9	2452	/	/	

## 5.2. CHANNEL LIST

Channel List for 802.11n (40 MHz)								
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
3	2422	5	2432	7	2442	9	2452	
4	2427	6	2437	8	2447	/	/	

## 5.3. MAXIMUM PEAK EIRP

IEEE Std. 802.11	Frequency (MHz)	Channel Number	Maximum Conducted Peak Output Power (dBm)
b	2412 ~ 2462	1-11[11]	9.97
g	2412 ~ 2462	1-11[11]	9.89
n HT20	2412 ~ 2462	1-11[11]	9.67
n HT40	2422 ~ 2452	3-9[7]	8.97

## 5.4. TEST CHANNEL CONFIGURATION

IEEE Std. 802.11	Test Channel Number	Frequency	
b	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz	
g	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz	
n HT20	CH 1(Low Channel), CH 6(MID Channel), CH 11(High Channel)	2412 MHz, 2437 MHz, 2462 MHz	
n HT40	CH 3(Low Channel), CH 6(MID Channel), CH 9(High Channel)	2422 MHz, 2437 MHz, 2452 MHz	

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band								
Test Softw	vare			QATo	ol_Dbg			
	Transmit			Test C	Channel			
Modulation Mode	Antenna Number	1	NCB: 20MHz			NCB: 40MHz		
Mode		CH 1	CH 6	CH 11	CH 3	CH 6	CH 9	
802.11b	1	04	04	04				
802.11g	1	0	0	0				
802.11n HT20	1	0 0 0						
802.11n HT40	1				0	0	0	

## 5.5. THE WORSE CASE POWER SETTING PARAMETER

# WORST-CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst-case data rates as provided by the client were:

802.11b mode: 1 Mbps 802.11g mode: 6 Mbps 802.11n HT20 mode: MCS0 802.11n HT40 mode: MCS0

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

Conducted output power, power spectral density tests separately on each port with all supported SISO & MIMO port combinations.

Conducted bandedge and spurious emissions tests were performed with SISO mode, as this port was found to have the worst case in terms of power settings amongst all supported possible SISO & MIMO port combinations.

Radiated emissions tests were performed with the MIMO modes. These were found to be the worst modulation scheme with regards to emissions after preliminary investigations and, as this mode emits the highest conducted output power level, it was deemed to be the worst case.

The EUT support Cyclic Shift Diversity(CDD), Space Time Coding(STBC), Spartial Division Multiplexing(SDM) modes. They use the same conducted power per chain in any given mode, so we only chose the worst case mode CDD for final testing.

## 5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2412-2462	PCB antenna	2.15

Test Mode	Transmit and Receive Mode	Description
IEEE 802.11b	⊠1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11g	⊠1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT20	⊠1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT40	⊠1TX, 1RX	ANT 1 can be used as transmitting/receiving antenna.

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

## 5.7. SUPPORT UNITS FOR SYSTEM TEST

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

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

The following cables were used to form a representative test configuration during the tests.

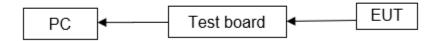
Item	Type of cable	Shielded Type	Ferrite Core	Length
C-1	RJ45 cable	Unshielded	without ferrite	1 m

### 5.8. SETUP DIAGRAM

### **Radiated Emission:**



### **RF conducted:**



	Test Equipment of Conducted RF							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date			
Spectrum Analyzer	Rohde & Schwarz	FSV40	102257	2024/09/13	2025/09/12			
Spectrum Analyzer	KEYSIGHT	N9020A	MY51285127	2024/09/13	2025/09/12			
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61253075	2024/09/13	2025/09/12			
Vector Signal Generator	Rohde & Schwarz	SMM100A	101899	2024/09/13	2025/09/12			
RF Control box	MWRF-test	MW100-RFCB	MW220926GTG	2024/09/13	2025/09/12			
Wideband Radio Communication Tester	Rohde & Schwarz	CMW270	102792	2024/09/13	2025/09/12			
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2024/09/13	2025/09/12			
temperature humidity chamber	Espec	SH-241	SH-241-2014	2024/09/13	2025/09/12			
RF Test Software	MWRF-test	MTS8310E (Ver. V2/0)	N/A	N/A	N/A			

## 6. MEASURING EQUIPMENT AND SOFTWARE USED

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	2024/09/13	2025/09/12	
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2024/09/13	2025/09/12	
Pre-Amplifier	HzEMC	HPA-9K0130	HYPA21001	2024/09/13	2025/09/12	
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	2024/09/13	2025/09/12		
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2024/09/13	2025/09/12		
Pre-Amplifier	A-INFO	HPA-1G1850	HYPA21003	2024/09/13	2025/09/12		
Horn antenna	A-INFO	3117	246069	2022/03/11	2025/03/10		
Pre-Amplifier	ZKJC	HPA-184057	HYPA21004	2024/09/13	2025/09/12		
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	2024/09/13	2025/09/12	
LISN/AMN	Rohde & Schwarz	ENV216	102843	2024/09/13	2025/09/12	
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2024/09/13	2025/09/12	
Test Software	Farad	EZ-EMC (Ver. EMC-con-3A1 1+)	N/A	N/A	N/A	

## 7. ANTENNA PORT TEST RESULTS

## 7.1. CONDUCTED OUTPUT POWER

LIMITS

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

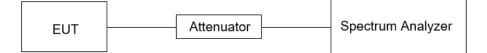
### TEST PROCEDURE

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.

TRF No.: 04-E001-0B

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	24°C	Relative Humidity	55%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.2. 6DB BANDWIDTH OCCUPIED BANDWIDTH

#### **LIMITS**

CFR 47 FCC Part15 (15.247) Subpart C			
Section Test Item Limit Frequency Range (MHz)			
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5

#### TEST PROCEDURE

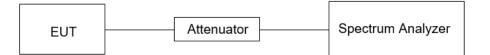
Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

Center Frequency	The center frequency of the channel under test	
	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission	
Detector	Peak	
RBW	For 6 dB Bandwidth: 100 kHz	
VBW	For 6 dB Bandwidth: ≥3 × RBW	
Trace	Max hold	
Sweep	Auto couple	

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

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

#### TEST SETUP



#### **TEST ENVIRONMENT**

Temperature	<b>24</b> °C	Relative Humidity	55%
Atmosphere Pressure	101kPa		

### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 7.3. POWER SPECTRAL DENSITY

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

CFR 47 FCC Part15 (15.247) Subpart C			
Section Test Item Limit Frequency Range (MHz)			
CFR 47 FCC §15.247 (e)	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	24°C	Relative Humidity	55%
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			
Section Test Item Limit			
CFR 47 FCC §15.247 (d)	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:

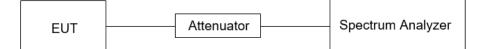
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Change the settings for emission level measurement:

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

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

#### TEST SETUP



#### TEST ENVIRONMENT

Temperature	24°C	Relative Humidity	55%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

### 7.5. DUTY CYCLE

#### **LIMITS**

None; for reporting purposes only.

#### TEST PROCEDURE

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

### TEST SETUP



#### TEST ENVIRONMENT

Temperature	24°C	Relative Humidity	55%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

Please refer to section "Test Data" - Appendix A

## 8. RADIATED TEST RESULTS

### LIMITS

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

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

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

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

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			

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

Note:1. Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

2. Above 38.6c

#### TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyser

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

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

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

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

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

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

6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

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

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

Below 1 GHz and above 30 MHz

The setting of the spectrum analyser

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

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

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	ЛНz		
NBW	AK: 3 MHz G: see note 6		
Sweep	uto		
Detector	eak		
Trace	flax 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.

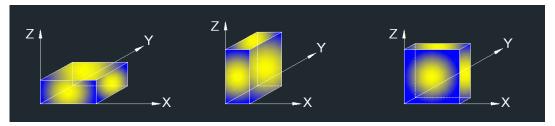
3. The EUT was placed on a turntable with 1.5 m above ground.

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.

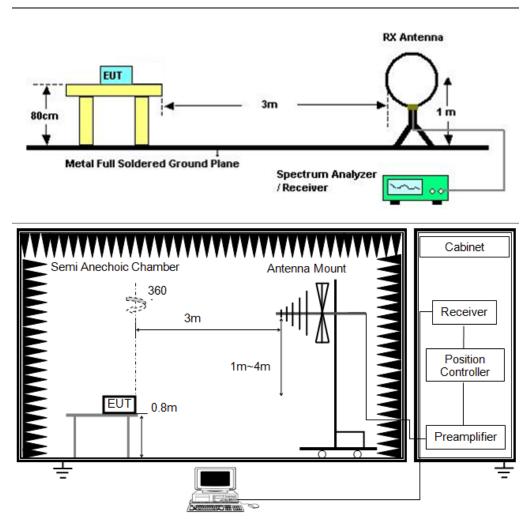
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY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

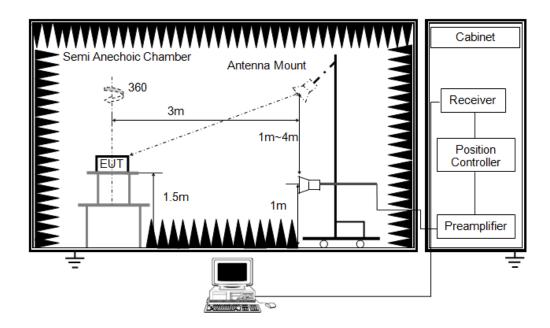
#### X axis, Y axis, Z axis positions:



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





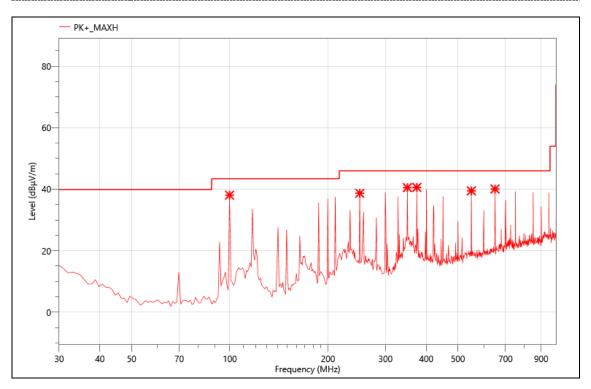
#### **TEST ENVIRONMENT**

Temperature	<b>22.3</b> ℃	Relative Humidity	53%
Atmosphere Pressure	101kPa		

#### TEST RESULTS

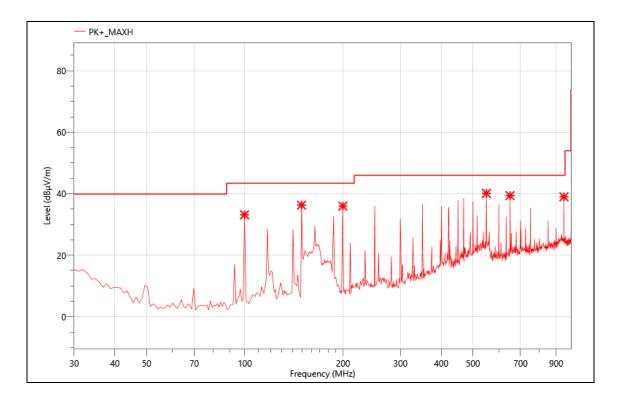
The worst data of the mode (802.11b 2412MHz) are recorded in the following pages.

Mode:	11B-2412
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	99.840	62.05	-23.97	38.08	43.50	5.42	PK+	Н
2	250.190	57.75	-19.07	38.68	46.00	7.32	PK+	Н
3	350.100	56.94	-16.4	40.54	46.00	5.46	PK+	Н
4	374.350	55.80	-15.19	40.61	46.00	5.39	PK+	Н
5	549.920	49.22	-9.73	39.49	46.00	6.51	PK+	Н
6	649.830	48.56	-8.48	40.08	46.00	5.92	PK+	Н

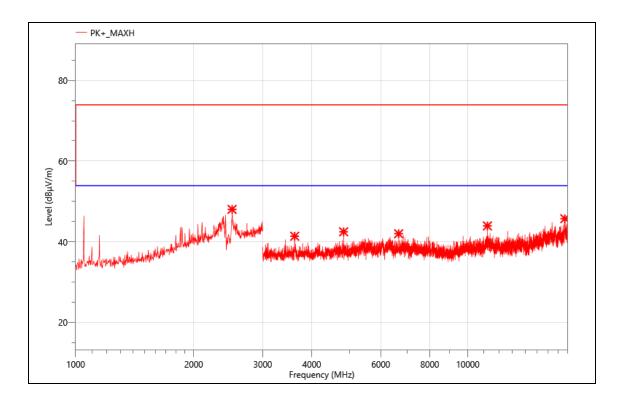
Mode:	11B-2412
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	99.840	57.12	-23.97	33.15	43.50	10.35	PK+	V
2	149.310	59.16	-22.86	36.30	43.50	7.20	PK+	V
3	199.750	58.07	-22.08	35.99	43.50	7.51	PK+	V
4	549.920	49.86	-9.73	40.13	46.00	5.87	PK+	V
5	649.830	47.88	-8.48	39.40	46.00	6.60	PK+	V
6	950.530	42.42	-3.42	39.00	46.00	7.00	PK+	V

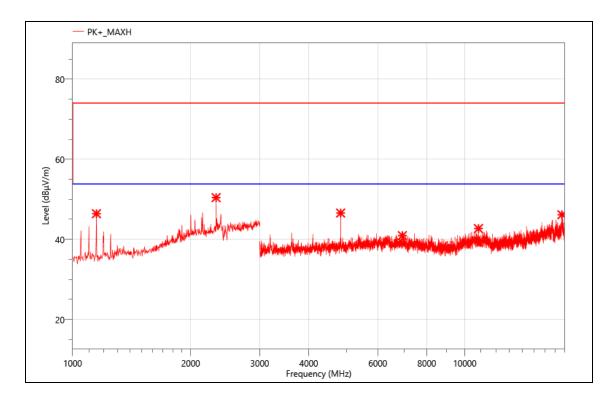
#### Above 1GHz The worst result as bellow:

IOW.
11B-2412
DC 5V
Berny
2025/02/14
22.3°C/53%/101Kpa



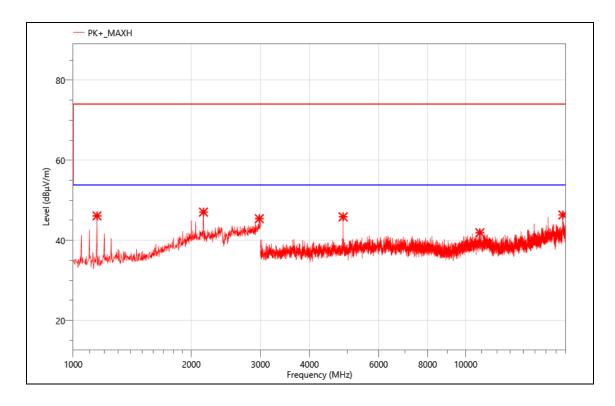
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2506.000	56.43	-8.41	48.02	74.00	25.98	PK+	Н
2	3619.500	54.85	-13.49	41.36	74.00	32.64	PK+	Н
3	4824.000	53.94	-11.47	42.47	74.00	31.53	PK+	Н
4	6663.000	50.20	-8.22	41.98	74.00	32.02	PK+	Н
5	11221.500	48.18	-4.26	43.92	74.00	30.08	PK+	Н
6	17676.000	45.40	0.31	45.71	74.00	28.29	PK+	Н

Mode:	11B-2412
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3°C/53%/101Kpa



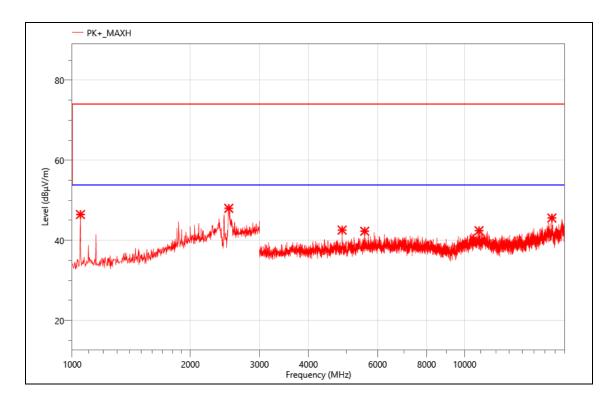
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1150.000	61.35	-14.95	46.40	74.00	27.60	PK+	V
2	2322.000	59.21	-8.8	50.41	74.00	23.59	PK+	V
3	4824.000	58.03	-11.47	46.56	74.00	27.44	PK+	V
4	6931.500	49.08	-8.15	40.93	74.00	33.07	PK+	V
5	10834.500	47.82	-5.13	42.69	74.00	31.31	PK+	V
6	17686.500	45.89	0.25	46.14	74.00	27.86	PK+	V

Mode:	11B-2437
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



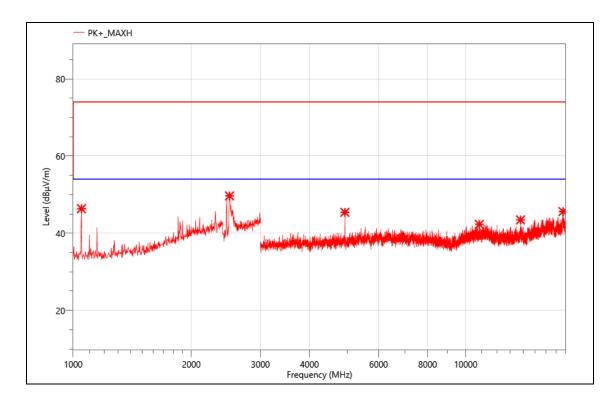
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1150.000	61.05	-14.95	46.10	74.00	27.90	PK+	V
2	2148.000	56.10	-9.05	47.05	74.00	26.95	PK+	V
3	2980.000	52.40	-6.99	45.41	74.00	28.59	PK+	V
4	4873.500	57.01	-11.15	45.86	74.00	28.14	PK+	V
5	10869.000	47.01	-5.12	41.89	74.00	32.11	PK+	V
6	17688.000	46.09	0.25	46.34	74.00	27.66	PK+	V

Mode:	11B-2437
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



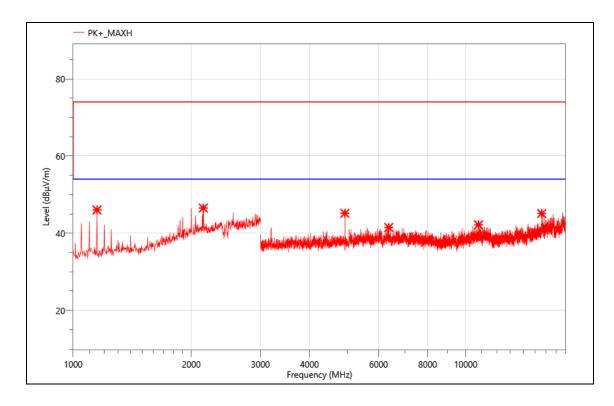
No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1050.000	61.70	-15.26	46.44	74.00	27.56	PK+	Н
2	2506.000	56.40	-8.41	47.99	74.00	26.01	PK+	Н
3	4873.500	53.70	-11.15	42.55	74.00	31.45	PK+	Н
4	5562.000	51.64	-9.37	42.27	74.00	31.73	PK+	Н
5	10881.000	47.54	-5.13	42.41	74.00	31.59	PK+	Н
6	16680.000	46.06	-0.49	45.57	74.00	28.43	PK+	Н

Mode:	11B-2462
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1050.000	61.61	-15.26	46.35	74.00	27.65	PK+	Н
2	2502.000	58.08	-8.41	49.67	74.00	24.33	PK+	Н
3	4923.000	56.53	-11.11	45.42	74.00	28.58	PK+	Н
4	10833.000	47.43	-5.13	42.30	74.00	31.70	PK+	Н
5	13800.000	47.17	-3.72	43.45	74.00	30.55	PK+	Н
6	17701.500	45.46	0.14	45.60	74.00	28.40	PK+	Н

Mode:	11B-2462
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1150.000	60.97	-14.95	46.02	74.00	27.98	PK+	V
2	2146.000	55.57	-9.05	46.52	74.00	27.48	PK+	V
3	4923.000	56.26	-11.11	45.15	74.00	28.85	PK+	V
4	6367.500	49.39	-7.9	41.49	74.00	32.51	PK+	V
5	10785.000	47.17	-5.01	42.16	74.00	31.84	PK+	V
6	15618.000	47.42	-2.32	45.10	74.00	28.90	PK+	V

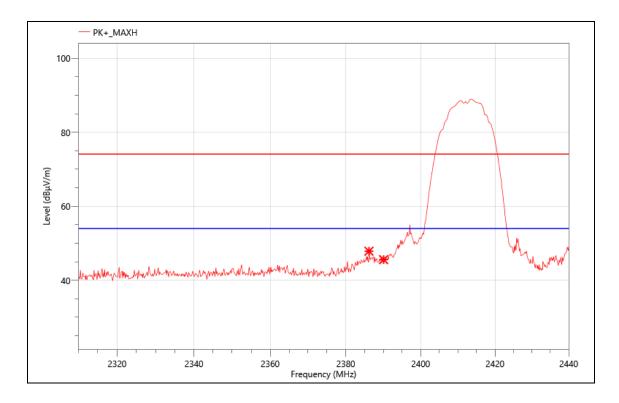
No others harmonics emissions are higher than 20 dB below the limits of 47 CFR Part 15.247.

Note: (1) All Readings are Peak Value.

- (2) Emission Level= Reading Level+ Probe Factor +Cable Loss.
- (3) The average measurement was not performed when the peak measured data under the limit of average detection.
- (4) Measuring frequencies from 1GHz to 25GHz.

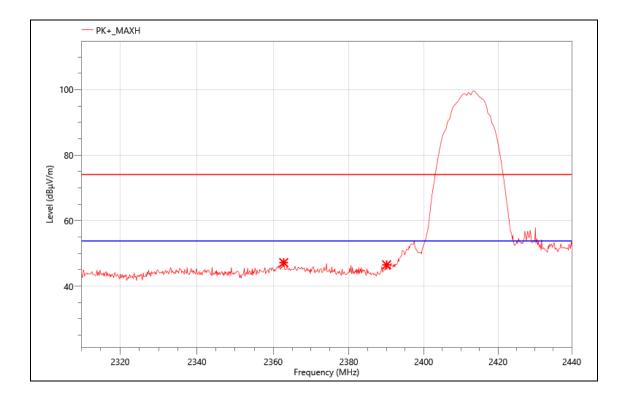
### Band Edge The worst result as bellow:

Mode:	11B-2412
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2386.180	25.20	22.65	47.85	74.00	26.15	PK+	V
2	2390.080	22.86	22.72	45.58	74.00	28.42	PK+	V

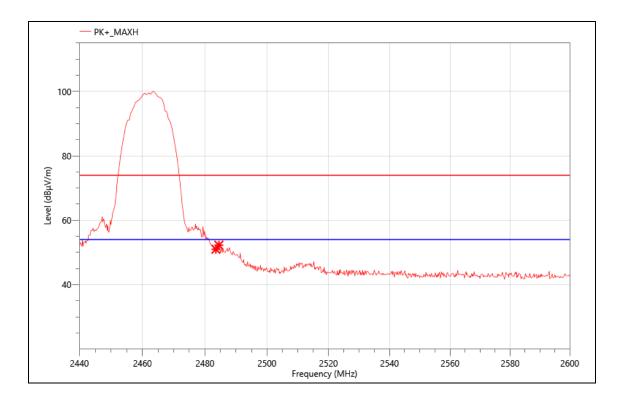
Mode:	11B-2412
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2362.780	24.48	22.7	47.18	74.00	26.82	PK+	Н
2	2390.080	23.78	22.72	46.50	74.00	27.50	PK+	Н

### REPORT NO.: E04A24120673F00201 Page 39 of 109

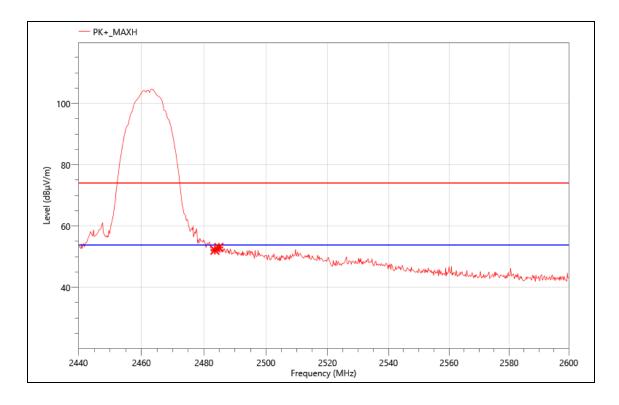
Mode:	11B-2462
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3°C/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.520	27.85	23.15	51.00	74.00	23.00	PK+	V
2	2484.480	29.12	23.15	52.27	74.00	21.73	PK+	V

### REPORT NO.: E04A24120673F00201 Page 40 of 109

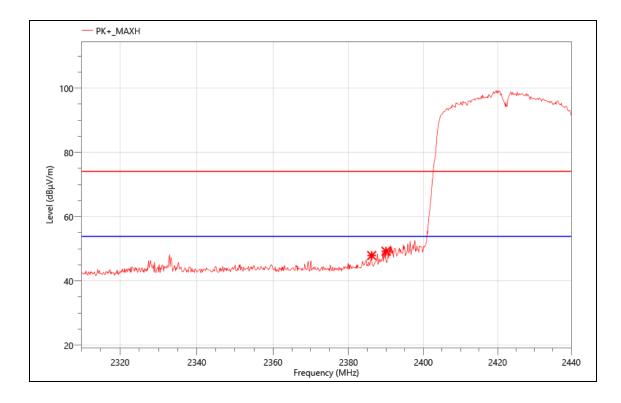
Mode:	11B-2462
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3°C/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.520	28.98	23.15	52.13	74.00	21.87	PK+	Н
2	2484.800	29.87	23.15	53.02	74.00	20.98	PK+	Н

### REPORT NO.: E04A24120673F00201 Page 41 of 109

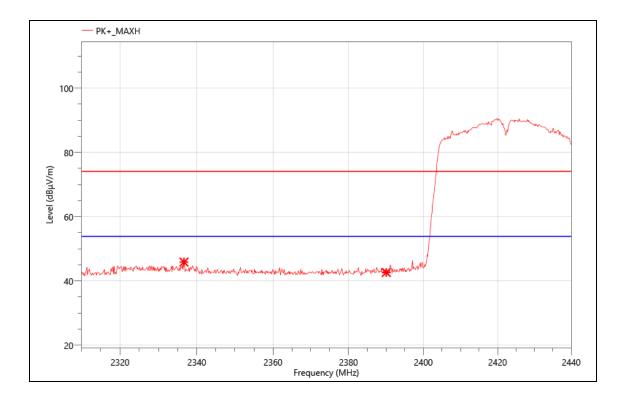
Mode:	N40-2422
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2386.180	25.26	22.65	47.91	74.00	26.09	PK+	Н
2	2390.000	26.53	22.72	49.25	74.00	24.75	PK+	Н

### REPORT NO.: E04A24120673F00201 Page 42 of 109

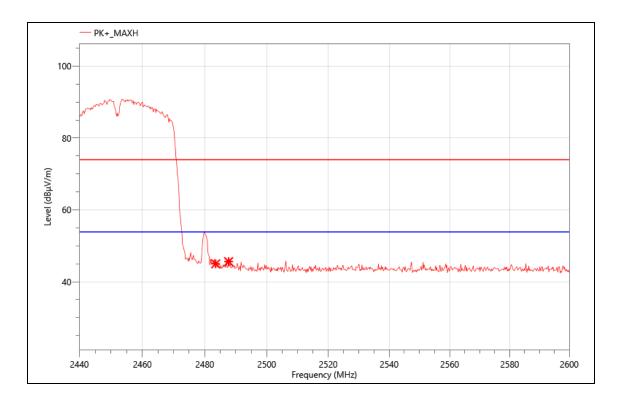
Mode:	N40-2422
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2336.650	23.26	22.62	45.88	74.00	28.12	PK+	V
2	2390.080	19.91	22.72	42.63	74.00	31.37	PK+	V

### REPORT NO.: E04A24120673F00201 Page 43 of 109

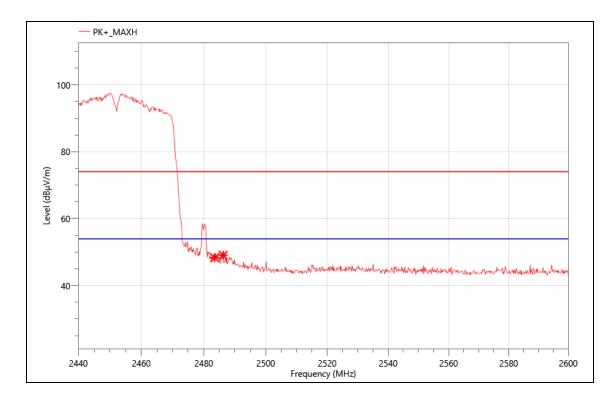
Mode:	N40-2452
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	21.83	23.15	44.98	74.00	29.02	PK+	V
2	2487.680	22.46	23.14	45.60	74.00	28.40	PK+	V

#### REPORT NO.: E04A24120673F00201 Page 44 of 109

Mode:	N40-2452
Power:	DC 5V
TE:	Berny
Date	2025/02/14
T/A/P	22.3℃/53%/101Kpa



# **Critical\_Freqs**

No.	Freq. (MHz)	Reading (dBµV)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2483.500	25.15	23.15	48.30	74.00	25.70	PK+	Н
2	2486.240	25.89	23.14	49.03	74.00	24.97	PK+	Н

Note:

1. Measurement = Reading Level + Correct Factor.

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

3. Peak: Peak detector.

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

# 9. ANTENNA REQUIREMENT

### **REQUIREMENT**

The EUT'S antenna is met the requirement of FCC part 15C section 15.203 and 15.247.

FCC part 15C section 15.247 requirements:

Systems operating in the 2402-2480MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

### DESCRIPTION

The EUT's antenna, permanent attached antenna, used Internal antenna and integrated on PCB, The antenna's gain is 2.15dBi and meets the requirement.

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

# LIMITS

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

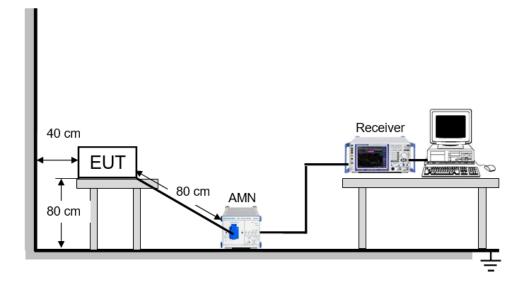
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

### 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	°C	Relative Humidity	%
Atmosphere Pressure	kPa		

# TEST RESULTS

N/A

.

# 11. TEST DATA

# Appendix A

# **Duty Cycle**

Condition	Mode	Frequency	Antenna	On Time	Period	Duty	Correction	1/T	Final settingFor
		(MHz)		(ms)	(ms)	Cycle (%)	Factor (dB)	(kHz)	VBW (kHz)
NVNT	b	2412	Ant1	8.42	8.7	96.78	0.14	0.12	1
NVNT	b	2437	Ant1	8.41	8.56	98.25	0	0.12	1
NVNT	b	2462	Ant1	8.42	8.66	97.23	0.12	0.12	1
NVNT	g	2412	Ant1	1.4	1.56	89.74	0.47	0.72	1
NVNT	g	2437	Ant1	1.4	1.67	83.83	0.77	0.72	1
NVNT	g	2462	Ant1	1.4	1.64	85.37	0.69	0.72	1
NVNT	n20	2412	Ant1	1.31	1.47	89.12	0.5	0.76	1
NVNT	n20	2437	Ant1	1.31	1.52	86.18	0.65	0.76	1
NVNT	n20	2462	Ant1	1.31	1.53	85.62	0.67	0.76	1
NVNT	n40	2422	Ant1	0.65	0.89	73.03	1.36	1.54	1
NVNT	n40	2437	Ant1	0.65	0.83	78.31	1.06	1.54	1
NVNT	n40	2452	Ant1	0.65	0.89	73.03	1.36	1.54	1

# REPORT NO.: E04A24120673F00201 Page 49 of 109

		<b>D</b> / O	Test (	Graphs					
Sportmuss		Duty Cy	cie NVN	T b 2412M	iHz Ar	nt1			Ē
Ref Level 20.00 dB	m Offset	2.52 dB 👄		7					
	dB 👄 SWT		VBW 3 MH						
SGL									
●1Pk Clrw					1[1]				-6.85 dBm
10.10-				IM	1[1]				-6.85 uBri 996.00 µs
10 dBm M2				M	2[1]				-1.18 dBm
	line i trad trad trad tra				ե	ni biri biri biri bi		տեհով հով հա	1.27500 ms
-10 dBm									
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm					1				1
-70 dBm									
-/ U UDIII									
CF 2.412 GHz		I	1000	)1 pts				I	3.0 ms/
Marker									
Type Ref Trc M1 1	X-value	96.0 μs	<u>Y-value</u> -6.85 d	Func	tion		Fund	tion Resu	lt
M2 1		275 ms	-1.18 d						
M3 1	9.6	693 ms	-6.87 d	Bm					
ate: 14.FEB.2025	15:37:53								
ate: 14.FEB.2025	15:37:53	Duty Cy	cle NVN⁻	Г b 2437М	IHz Ar	nt1			
ate: 14.FEB.2025	15:37:53	Duty Cy	cle NVN⁻	T b 2437M	IHz Ar	nt1			
Spectrum Ref Level 20.00 dB	3m Offset	2.53 dB 👄	RBW 1 MH	z	IHz Ar	nt1			
Spectrum Ref Level 20.00 dB		2.53 dB 👄		z	IHz Ar	nt1			
Spectrum Ref Level 20.00 dB Att 30 d SGL	3m Offset	2.53 dB 👄	RBW 1 MH	z	IHz Ar	nt1			
Spectrum Ref Level 20.00 dB Att 30 d SGL	3m Offset	2.53 dB 👄	RBW 1 MH	lz Iz	IHz Ar	nt1			-5.22 dBn
Spectrum Ref Level 20.00 dB Att 30 of SGL 1Pk Clrw 10 dBm	am Offset dB e SWT	2.53 dB 👄	RBW 1 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m
Spectrum Ref Level 20.00 dB Att 30 o SGL JIPk Cirw 10 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH	iz iz M		nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 db Att 30 d SGL 10 dBm 10 dBm	am Offset dB e SWT	2.53 dB 👄	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 db Att 30 d SGL 10 dBm 10 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 o SGL 1Pk Clrw 10 dBm -10 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 d SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -20 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 d SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -20 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 d SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 o SGL IPk Clrw 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 o SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -50 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 o SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -50 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum Ref Level 20.00 dB Att 30 o SGL 1Pk Clrw 10 dBm -10 dBm -20 dBm -30 dBm -60 dBm -60 dBm -60 dBm -50 d	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH VBW 3 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum  Ref Level 20.00 dB Att 30 o SGL IPK CIrw  10 dBm	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH	z z z m	1[1]	nt1			-5.22 dBn 5.58900 ms 0.05 dBn 5.73600 m
Spectrum  Ref Level 20.00 dB Att 30 o SGL IPk Clrw  10 dBm10 dBm20 dBm30 dBm50 dBm70 dBm CF 2.437 GHz	om Offset dB ● SWT	2.53 dB ● 30 ms ●	RBW 1 MH	iz iz M	1[1]	nt1			-5.22 dBn 5.58900 m 0.05 dBn
Spectrum  Ref Level 20.00 dB  Att 30 d  SGL  ID dBm  -10 dBm  -20 dBm  -30 dBm  -30 dBm  -70 dBm  -70 dBm  -70 dBm  -70 dBm  -70 dBm -	Am Offset	2.53 dB • 30 ms •	RBW 1 MH	IZ I			Func	tion Resu	
Spectrum         Ref Level         20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           -20 dBm         -           -30 dBm         -           -60 dBm         -           -70 dBm         -	Am Offset B SWT SWT MC MC MC MC MC MC MC S. S.	2.53 dB  30 ms	RBW 1 MH VBW 3 MH	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z			Func	tion Resu	-5.22 dBn 5.58900 m 5.73600 m 5.73600 m 4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
Spectrum         Ref Level         20.00 dB           Att         30 d           SGL         30 d           IPk Clrw         10 dBm           10 dBm	Am Offset dB SWT SWT	2.53 dB  30 ms 30	RBW 1 MH VBW 3 MH	Z Z M M M M M M M M M M M M M			Func	tion Resu	-5.22 dBn 5.58900 m 5.73600 m 5.73600 m 4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
Spectrum         Ref Level       20.00 dB         Att       30 d         SGL       91Pk Clrw         10 dBm	Am Offset dB SWT SWT	2.53 dB  30 ms	RBW 1 MH VBW 3 MH	Z Z M M M M M M M M M M M M M			Func	tion Resu	-5.22 dBn 5.58900 m 5.73600 m 5.73600 m 4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1

# REPORT NO.: E04A24120673F00201 Page 50 of 109

Spectrum			Duty	Cycle NVNT	b 2462MH	lz Ant1				
Ref Level		m Offset IB 👄 SWT		<ul> <li>RBW 1 MHz</li> <li>VBW 3 MHz</li> </ul>						( -
SGL 1Pk Clrw										
					M1[	1]				-0.10 dBr
10 dBm										7.61700 m
.0 ubiii		M1			M2[	[1]				-9.93 dBr
la obtala ob	ula dha dha d			l a di publicadi lan lan .					Too had a	7.86000 m
-10 dBm								0.000.010.0		
TO UDIN										
-20 dBm							+			
-30 dBm										
SO UDIN										
40 dBm							-			
50 dBm										
So abiii										
-60 dBm		F F			,		-			
.70 dBm										
70 ubiii										
CF 2.462 G	Hz			10001	nts					3.0 ms/
larker				10001	P13					0.0 m3/
Type   Ref	Trc	X-valu	e	Y-value	Functio	on		Functio	n Resu	lt
M1	1	7.	.617 ms	-0.10 dBr	n					
M2 M3	1		7.86 ms .278 ms	-9.93 dBr -5.58 dBr						
1110	7	10.	.210 115	0.00 00					74.	14.02.2025
T.I. T. T. T.	B.2025	15:41:18								
	B.2025	15:41:18	Duty	Cycle NVNT	g 2412MH	lz Ant1				_
Spectrum		15:41:18	Duty	Cycle NVNT	g 2412MH	lz Ant1				
Spectrum Ref Level	20.00 dB	m Offset	2.52 dB	👄 RBW 1 MHz	g 2412MH	Iz Ant1				
Spectrum Ref Level Att	20.00 dB		2.52 dB	-	g 2412MH	Iz Ant1				
Spectrum Ref Level Att SGL	20.00 dB	m Offset	2.52 dB	👄 RBW 1 MHz	g 2412MH	lz Ant1				
Spectrum Ref Level Att SGL	20.00 dB	m Offset	2.52 dB	👄 RBW 1 MHz	-					( 2
Spectrum Ref Level Att SGL 1Pk Clrw	20.00 dB	m Offset	2.52 dB	👄 RBW 1 MHz	g 2412MH					
Spectrum Ref Level Att SGL 1Pk Clrw	20.00 dB 30 c	m Offset	2.52 dB 30 ms	RBW 1 MHz     VBW 3 MHz	-	[1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]		. Askanskova		-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Cirw 10 dBm	20.00 dB 30 c	m Offset B - SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1]				-2.93 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 0 dBm Norm (10) 10 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level SGL 19K Clrw 0 dBm 19 dBm 20 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw L0 dBm 10 dBm 20 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw L0 dBm 10 dBm 20 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1PK Clrw 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw L0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 60 dBm 50 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 60 dBm 60 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 60 dBm 60 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1PK Clrw L0 dBm 10 dBm 20 dBm 40 dBm 50 dBm 50 dBm 70 dBm		m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz VBW 3 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 µ -16.96 dBr max578-60.01 1900 0
Spectrum Ref Level Att SGL 1Pk Clrw L0 dBm 10 dBm 20 dBm 30 dBm 60 dBm 70 dBm 70 dBm CF 2.412 G		m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ 	[1] [1]				-2.93 dBr 411.00 μ -16.96 dBr
Spectrum Ref Level Att SGL 1Pk Clrw L0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 70 dBm 70 dBm 70 dBm 20 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz	M1[ M2[ m2] m2] m2] m2] m2] m2] m2] m2]					-2.93 dBr 411.00 µ -16.96 dBr mu570.0000 10000000000000000000000000000000
Spectrum Ref Level Att SGL 1Pk Clrw 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz     VBW 3 MHz	M1[ M2[ m2[m2] M2[ m2[m2] M2[m2] m2[m2] M2[m2] M2[m2] m2[m2] M2[m2] M2[m2] m2[m2] M2[m2] M2[m2] M2[m2] m2[m2] M2[m2] M2[m					-2.93 dBr 411.00 µ -16.96 dBr mu570.0000 10000000000000000000000000000000
Spectrum           Ref Level           Att           SGL           1Pk Clrw           10 dBm           10 dBm           10 dBm           20 dBm           30 dBm           60 dBm           60 dBm           70 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz     VBW 3 MHz	M1[ M2[ M2] M2] M2] M2] M2] M2] M2] M2]					-2.93 dBr 411.00 µ -16.96 dBr mu570.0000 10000000000000000000000000000000
Spectrum Ref Level Att SGL 1PR Clrw 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dB	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz     VBW 3 MHz	M1[ M2[ M2] M2] M2] M2] M2] M2] M2] M2]					-2.93 dBr 411.00 µ -16.96 dBr mu570.0000 10000000000000000000000000000000
Spectrum           Ref Level           Att           SGL           1Pk Clrw           10 dBm           10 dBm           10 dBm           20 dBm           20 dBm           30 dBm           60 dBm           60 dBm           70 dBm	20.00 dB 30 c	m Offset B SWT	2.52 dB 30 ms	RBW 1 MHz     VBW 3 MHz	M1[ M2[ M2] M2] M2] M2] M2] M2] M2] M2]					-2.93 dBr 411.00 µ -16.96 dBr mu570.0000 10000000000000000000000000000000

# REPORT NO.: E04A24120673F00201 Page 51 of 109

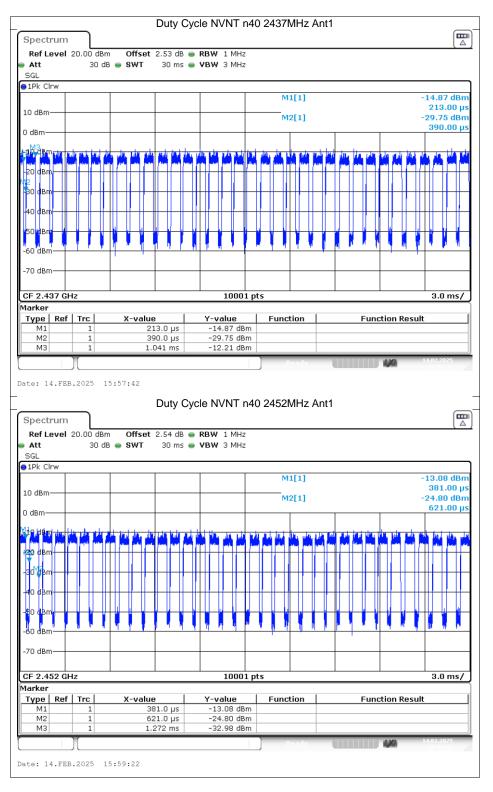
Att           SGL           1Pk Clrw           10 dBm           0 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Marker           Type           M1           M2           M3	Ancolus metabolis Michael Alexan Ale	X-value										-8.08 de 837.00 -15.04 de 1.1.1300 F 0.000 F 0.0000 F 0.000 F 0.000 F 0.000 F 0.000 F 0.000 F 0.000 F
1Pk Clrw           10 dBm           0 dBm           0 dBm           -10 gBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	Image: Non-State State St	X-value					2[1]					837.00 -15.04 dB 1.11300 r
0 dBm           -10 gBm2 in           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           CF 2.437 G           Marker           Type           M1           M2	Image: Non-State State St	X-value					2[1]					837.00 -15.04 dB 1.11300 r
0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           CF 2.437 G           Marker           Type           M1           M2	Image: Non-State State St	X-value					ut attraction					-15.04 dB 1.11300 r
-20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -50 dBm -70 dB	Image: Non-State State St	X-value										neurone para
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dB	Image: Non-State State St	X-value										
-20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -70 dB	Hz	X-value										
-30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.437 G darker Type Ref M1 M2	f Trc 1											
-40 dBm -50 dBm -60 dBm -70 dBm -70 dBm CF 2.437 G Marker Type Ref M1 M2	f Trc 1					1 1						
-50 dBm -60 dBm -70 dBm -70 dBm -70 dBm CF 2.437 G darker Type Ref M1 M2	f Trc 1											
-60 dBm -70 dBm -70 dBm CF 2.437 G larker Type Ref M1 M2	f Trc 1					1					l.	
-60 dBm -70 dBm -70 dBm CF 2.437 G larker Type Ref M1 M2	f Trc 1					1 <mark>1</mark> .	X					
-70 dBm CF 2.437 G 1arker Type Ref M1 M2	f Trc 1					Y	1	<u> </u>				
CF 2.437 G 1arker Type Ref M1 M2	f Trc 1			1	10001 m			+		+		
CF 2.437 G 1arker Type Ref M1 M2	f Trc 1				10001 m							1
1arker Type Ref M1 M2	f Trc 1			1	10001 m					1		1
Type Ref M1 M2	1				L0001 pt	s						3.0 ms
M1 M2	1		a			_					_	
M2	1		- 37.0 μs	<u>Y-val</u> -8.0	D8 dBm	Func	tion		Fun	ctior	n Resu	lt
M3	1		113 ms	-15.0	04 dBm							
	20	2.	511 ms	-13.3	35 dBm			_		_	_	
Spectrum Ref Level Att SGL	l 20.00 dBr	m Offset B e SWT	2.54 dB ( 30 ms (	RBW 1 VBW 3								
1Pk Clrw		1										
						М	1[1]					-17.64 dB
10 dBm						M	2[1]					-14.99 dB
D dBm	Maddle statesticali	ninina minin	Busilia is alteri	andi Natilati k	والمراجعة والمراجعة	na ana	o balimito	ähdeät	ndination (in		distriction	879.00
la tabini 🦰	ana anait	atualica, admanta	nadija u dican	native pathical and	natara 12			IN HALF	abadba <sub>n</sub> p	Hunu	Andfantie	Had the at some
-20 dBm												
-30 dBm												$\left  \right $
40 dBm												
-50 dBm												
-60 dBm	P 1	+ ' '	r	- '			r '		1 1	-		<u>+</u> +
.70 dBm				_								
CF 2.462 G	Hz			1	L0001 pt	s						3.0 ms
1arker	6   T.		1			-			-			
Type Ref M1	f Trc 1	X-value 63	e   30.0 μs	<u>Y-val</u> -17.6	64 dBm	Func	tion		Fun	ction	n Resu	π
M2	1	87	79.0 µs	-14.9	99 dBm							
M3	1	2.:	274 ms	-9.4	48 dBm	)					ne.	14 02 2025
						J				14		

Spectr		_	)			Duty	Cyc	le NV	NT n	20 24	12N	IHz A	nt1							
Ref Le Att				01 • \$1				RBW 1 VBW 3												
∋1Pk Clr	w																			
											M1	[1]							3.07 0	
10 dBm-	-											[1]							.05.0 1.20 (	
9.demis-																		2	64.0	0 µs
			ing ter ding ter din Ter ding ter d					n nuitera			alleast)			a provinsi A provinsi A provinsi			ni Pine A fine i	a da		4 W.
10 dBm	Ť		1. 1. 1		-		11.11	1401	0.70			- Partie	14.6			Ŧ				1
20 dBm	$-\parallel$															╨				
-30 dBm																				
-30 abm																				
40 dBm	-	_														╈				-
-50 d8m																				
-60 dBm	+				-						<u> </u>		<u> </u>							
-70 dBm	_												_					_		
CF 2.41	2 GH	lz						1	10001	pts									3.0 m	is/
1arker Type	Ref	L Terr	-1	v-	value		1	Y-val		-	uncti	on I			Lunc	tier	n Res	cul+		
M1	Kei		1	X-		! 15.0 μs			D7 dBm		anct	on		F	unc	cior	i Kes	suit		
M2			1			4.0 μs			20 dBm											
MЗ		1	1		1.3	572 ms		-4.9	95 dBm	1	_	_	2-1	_			4.	14	10 0005	_
																1X				
Spectr Ref Le Att		20.0						le NV												
SGL				- SI				VBW 3	L MHZ 3 MHZ											
	w										M1	[1]							1.57 (	IBm
1Pk Clr	w										M1							5	9.57 d i73.0	0 µs
1Pk Clr 10 dBm-	w										M1 							-13	i73.0 5.58 (	0 µs 1Bm
1Pk Clr 10 dBm-	w						s 🖷 '			diju diju	M2			4 yu 4 yu				-14 -14	73.0	0 µs 1Bm
● 1Pk Clr 10 dBm- 0 dBm-	<sup>4</sup> nd Ind I					30 m	s • '	VBW 3			 	[1] Min Ár	Ne star			ini in		ء 11 7	i73.0 5.58 (	0 μs tBm
1Pk Clr 10 dBm- 0 dBm- 10 dBm-	<sup>4</sup> nd Ind I					30 m	s • '	VBW 3			 	[1] Min Ár				(pol (po najviša		ء 11- 7	73.0 5.58 ( 86.0	0 µs 1Bm
1Pk Clr 10 dBm- 0 dBm- 100 dBm- -100 dBm -20 dBm	<sup>4</sup> nd Ind I					30 m	s • '	VBW 3			 	[1] Min Ár				(jindyo napita		ء 11- 7	73.0 5.58 ( 86.0	0 µs 1Bm
1Pk Clr 10 dBm- 0 dBm- 100 dBm- -100 dBm -20 dBm	<sup>4</sup> nd Ind I					30 m	s • '	VBW 3			 	[1] Min Ár				( jnu ( ja inu ja ža		ء 11- 7	73.0 5.58 ( 86.0	0 µs 1Bm
1Pk Clr 10 dBm- 0 dBm- 100 dBm- -100 dBm -20 dBm	<sup>4</sup> nd Ind I					30 m	s • '	VBW 3			 	[1] Min Ár				(jnu) je na ježa		ء 11- 7	73.0 5.58 ( 86.0	0 µs 1Bm
1Pk Clr 10 dBm- 0 dBm- -20 dBm -30 dBm -40 dBm						30 m	s • '	VBW 3			 	[1] Min Ár				fjind ger Indyakt		ء 11- 7	73.0 5.58 ( 86.0	0 µs 1Bm
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1Pk Clr 10 dBm- 0 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm						30 m	s • '	VBW 3			 	[1] Min Ár						ء 11- 7	73.0 5.58 ( 86.0	0 μs tBm
1Pk Clr 10 dBm- 0 dBm- -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm						30 m	s • '	VBW 3			 	[1] Min Ár						ء 11- 7	73.0 5.58 ( 86.0	0 μs tBm
1Pk Clr 10 dBm- 0 dBm- 10 dBm- 10 dBm- -20 dBm -40 dBm -50 dBm -60 dBm -70 dBm -70 dBm						30 m	s • '				 	[1] Min Ár							73.0 5.58 ( 86.0	0 µs
<ul> <li>1Pk Clr</li> <li>10 dBm-</li> <li>0 dBm-</li> <li>10 dBm-</li> <li>10 dBm-</li> <li>20 dBm</li> <li>-20 dBm</li> <li>-30 dBm</li> <li>-50 dBm</li> <li>-50 dBm</li> <li>-70 dBm</li> <li>-70 dBm</li> <li>CF 2.43</li> <li>Marker</li> </ul>	37 GH					30 m	s • '			pts						tior			573.0 5.58 ( 286.0 (11 1) (11 1) (11)	0 µs
<ul> <li>1Pk Clr</li> <li>10 dBm</li> <li>0 dBm</li> <li>4 dBm</li> <li>-20 dBm</li> <li>-20 dBm</li> <li>-30 dBm</li> <li>-40 dBm</li> <li>-50 dBm</li> <li>-60 dBm</li> <li>-70 dBm</li> <li>-70 dBm</li> <li>CF 2.43</li> <li>Marker</li> <li>Type</li> <li>M1</li> </ul>	37 GH				WT	30 m			8 MHz	pts	 					tior			573.0 5.58 ( 286.0 (11 1) (11 1) (11)	0 µs
1Pk Clr           10 dBm-           0 dBm-           0 dBm-           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -60 dBm           -70 dBm	37 GH	iz				30 m		VBW 3	8 MHz	pts						tior			573.0 5.58 ( 286.0 (11 1) (11 1) (11)	0 µs
1Pk Clr 10 dBm- 10 dBm- 14 dBm- 14 dBm- 14 dBm- 14 dBm- 14 dBm- 14 dBm- 15 dBm- 15 dBm- 16 dBm- 16 dBm- 17	37 GH	iz				30 m		VBW 3	8 MHz	pts						tior			573.0 5.58 ( 286.0 (11 1) (11 1) (11)	0 µs
<ul> <li>1Pk Clr</li> <li>10 dBm-</li> <li>0 dBm-</li> <li>20 dBm</li> <li>-20 dBm</li> <li>-30 dBm</li> <li>-30 dBm</li> <li>-60 dBm</li> <li>-50 dBm</li> <li>-70 dBm</li> <li>-70 dBm</li> <li>CF 2.43</li> <li>Marker</li> <li>Type</li> <li>M1</li> <li>M2</li> </ul>	37 GH	iz				30 m		VBW 3	8 MHz	pts						tior			573.0 5.58 ( 286.0 (11 1) (11 1) (11)	0 µs

# REPORT NO.: E04A24120673F00201 Page 53 of 109

Ref Level 20.00 dBm         Offset 2.54 dB         RBW 1 MHz           Att         30 dB         SWT         30 ms         VBW 3 MHz           SQL         114 C/W         -5.72 dBm         12.4200 mm         -15.64 dBm           10 dBm         11.4200 mm         12.4200 mm         -15.64 dBm         12.70400 mm           20 dSm         10 dBm         12.4200 mm         12.70400 mm         12.70400 mm           20 dSm         10 dBm         10 dBm         12.70400 mm         12.70400 mm           20 dSm         10 dBm         10 dBm         10.000 mm         12.70400 mm           30 dSm         10 dBm         10.000 mm         12.70400 mm         12.70400 mm           30 dSm         10 dBm         10.000 mm         12.70400 mm         12.70400 mm           30 dSm         10 dBm         10.000 mm         10.000 mm         10.000 mm           50 dBm         10.704 ms         -5.72 dBm         3.0 ms/         3.0 ms/           Ferker         TC         X-value         Y-value         Function         Function Result           M11         1.0205 ms         -12.80 dBm         10.000 mm         10.000 mm         10.000 mm           Spectrum         CE         2.402 MMz         M	Spect	rum					Duty	у Сус	le N	IVNI	「 n2	0 246	52N	1Hz	Ant	1							Ē
10 dBm       M1[1]       -5.72 dBm         10 dBm       M2[1]       -15.64 dBm         20 dSm       M1       M1         30 dSm       M1       M1         40 dSm       M1       M1         50 dBm       M1       M1         50 dBm       M1       M1         70 dBm       M1       1.422 m         11 1.704 ms       -5.72 dBm         M2       1.0001 pts       3.0 ms/         M2       1.0001 pts       3.0 ms/         M2       1.1.704 ms       -5.72 dBm         M3       1.1.704 ms       -5.72 dBm         M3       1.1.704 ms       -5.72 dBm         M3       1.1.704 ms       -5.72 dBm         M4       1.1.704 ms       -5.72 dBm         M3       1.0.305 ms       -12.86 dBm         M3       3.015 ms       -12.86 dBm         M4       1.1.704 ms       -16.46 dBm         M3       3.015 ms       -12.86 dBm         M4       3.015 ms       9.80 ms	Ref Lo Att																						
10 dBm       12.420 cm         13 dBm       15.64 dBm         14 dBm       14.14 dBm         10 dBm       14.14 dBm         20 dBm       14.14 dBm         21 dBm       14.14 dBm         21 dBm       14.14 dBm         21 dBm       21.24 dBm         21 dBm       21.24 dBm         22 dBm       14.14 dBm         21 dBm       21.24 dBm         22 dBm       01.14 dBm         22 dBm       01.14 dBm         23 dBm       01.14 dBm         24 dBm       01.14 dBm <th></th> <th>rw</th> <th></th>		rw																					
00 dBm       M2[1]       -15.54 dBm         19 dBm       10 dBm       100 dBm       100 dBm         0.0 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0.0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0.0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0.0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0.0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         0 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm       100 dBm         1 dB cb       10 dBm													Μ1	[1]									
0.000       0.0000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.000       0.00000       0.00000	10 dBm	+							+		+		M2	[1]									
96 9 8 2 2 10 10 10 10 10 10 10 10 10 10 10 10 10	9 dBm	الم الم	land out	and and a	. Budu	at card and			1			distant of					nd rud		n du		1.3	7040	0 ms
30 dan 40 dan 50 dan 60 dan 70 dan 10 dan 10 dan 10 dan 10 dan 10 dan 11 1.704 ms 1.5.72 dba 10 001 pts 10 001 p	COLUMN TO A	paùis.						<b>1</b>									up lin	n nin h			10 mayorati 10 mayorati	that	
30 dan 40 dan 50 dan 60 dan 70 dan 10 dan 10 dan 10 dan 10 dan 10 dan 11 1.704 ms 1.5.72 dba 10 001 pts 10 001 p		I																	11				
40 dsm														1					Π				
50 dbm       0 <td>-30 dBm</td> <td>יו</td> <td></td> <td>+</td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td>╫</td> <td></td> <td>+</td> <td></td> <td></td>	-30 dBm	יו											+					+	╫		+		
60 dbm 70 dbm F2.462 GHZ 10001 pts 3.0 ms/ Tarker Tarke	-40 dBrr	ι <b></b>											+		+			+	╢		+		+
70 dBm       J0001 pts       3.0 ms/         Tarker       Type       Ref       Trc       X-value       Y-value       Function       Function Result         M1       1       1.492 ms       -5.72 dBm       Function       Function Result         M2       1       1.704 ms       -16.64 dBm       Function       Function Result         M3       1       3.015 ms       -12.88 dBm       Function       Function       Function         Ref Level       20.00 dBm       Offset       2.52 dB       RBW 1 MH2       Status	-50 d <mark>a</mark> m	1 <b></b>									_		_					_		_	_		
70 dBm       J0001 pts       3.0 ms/         Tarker       Type       Ref       Trc       X-value       Y-value       Function       Function Result         M1       1       1.492 ms       -5.72 dBm       Function       Function Result         M2       1       1.704 ms       -16.64 dBm       Function       Function Result         M3       1       3.015 ms       -12.88 dBm       Function       Function       Function         Ref Level       20.00 dBm       Offset       2.52 dB       RBW 1 MH2       Status	-60 dBrr					1	1												ь.				
CF 2.462 GHz       3.0 ms/         tarker         Type Ref Trc       X-value       Function       Function Result         M1       1       1.482 ms       -5.72 dbm       Function       Function Result         M2       1       1.704 ms       -15.64 dbm       Image: State			-										T					T			T		
tarker         Type         Ref         Trc         X-value         Function         Function Result           M1         1         1.482 ms         -5.72 dBm         Function         Function Result           M2         1         1.704 ms         -15.64 dBm         Function         Function Result           M3         1         3.015 ms         -12.88 dBm         Function         Function Result           M3         1         3.015 ms         -12.88 dBm         Function Result         Function Result           tte:         14.FEB.2025         15:50:58         Duty Cycle NVNT n40 24222MHz Ant1         Function Result         Function Result           Spectrum         0 dB • SWT         30 ms • VBW 3 MHz         SGL         SGL         SGL           JPR Chv         M1[1]         -14.43 dBm         SGL         SGL         SGL         SGL           Signific rule is in the rule rule rule rule rule rule rule rul	-70 dBrr	`+									+		+					+			+		
tarker         Type         Ref         Trc         X-value         Function         Function Result           M1         1         1.482 ms         -5.72 dBm         Function         Function Result           M2         1         1.704 ms         -15.64 dBm         Function         Function Result           M3         1         3.015 ms         -12.88 dBm         Function         Function Result           M3         1         3.015 ms         -12.88 dBm         Function Result         Function Result           tte:         14.FEB.2025         15:50:58         Duty Cycle NVNT n40 24222MHz Ant1         Function Result         Function Result           Spectrum         0 dB • SWT         30 ms • VBW 3 MHz         SGL         SGL         SGL           JPR Chv         M1[1]         -14.43 dBm         SGL         SGL         SGL         SGL           Signific rule is in the rule rule rule rule rule rule rule rul	CF 2.4	62 GH	lz							100	)01 r	ots										3.0	ns/
M1       1       1.482 ms       -5.72 dBm         M2       1       1.704 ms       -15.64 dBm         M3       1       3.015 ms       -12.88 dBm       MM         Atter 14.FEB.2025       15:50:58       MM       MM       MM         Spectrum       Max       30 dB       SWT       30 ms       VBW 3 MHz         Sol       SWT       30 ms       VBW 3 MHz       SG       SG         10 dBm       M1[1]       -14.43 dBm       36.00 ps         0 dBm       M2[1]       -23.97 dBm       36.00 ps         10 dBm       M1[1]       -14.43 dBm       36.00 ps         20 dBm       M2[1]       -23.97 dBm       3.0 ms/         20 dBm       M1[1]       -14.43 dBm       36.00 ps         30 dB       M2[1]       -23.97 dBm       3.0 ms/         20 dBm       M1[1]       -14.43 dBm       36.00 ps         31 dBm       M1[1]       -14.43 dBm       36.00 ps         32 dBm       M1[1]       -23.97 dBm       3.0 ms/         50 dBm       M1[1]       -44.43 dBm       3.0 ms/         60 dBm       M1[1]       3.0 ms/       3.0 ms/         11       36.0 ps       -24.97	Marker																						
M2       1       1.704 ms       -15.64 dBm         M3       1       3.015 ms       -12.88 dBm         Ate: 14.FEB.2025       15:50:58         Duty Cycle NVNT n40 2422MHz Ant1         Spectrum         Ref Level 20.00 dBm       Offset 2.52 dB • RBW 1 MHz         Supervision         M1[1]       -14.43 dBm         M1[1]       -14.43 dBm         M2[1]       -23.97 dBm         Glabm       M2[1]       -23.97 dBm         Glabm       M2[1]       M2[1]         Glabm		Ref			X			15				Fu	ncti	ion			Fι	Inct	ion	Res	ult		
Prode       Prode       Prode         Itte: 14.FEB.2025 15:50:50         Duty Cycle NVNT n40 2422MHz Ant1         Spectrum         Ref Level 20:00 dBm       Offset 2:52 dB • RBW 1 MHz         Sol         Duty Cycle NVNT n40 2422MHz Ant1         Image: Character State of the state of	M2		1			1.	704 m	ıs	-1	15.64	dBm												
Duy Cycle NVNT n40 2422MHz Anti         Ref Level       20.00 Bm       Offset       2.52 dB       RBW 1 MHz         SG       30 dB       SWT       30 mB       VBW 3 MHz         SG       91PF Clrw       10 dBm       1111       14.43 dBm         00 dBm       M2[1]       -23.97 dBm       256.00 pc         0 dBm       M2[1]       -23.97 dBm       266.00 pc         0 dBm       M2[1]       -23.97 dBm       266.00 pc         10 dBm       M2[1]       10.10 pc       10.00 pc       266.00 pc         10 dBm       M2[1]       M2[1]       -23.97 dBm       30.00 pc         10 dBm       M2[1]       M2[1]       -23.97 dBm       30.00 pc         10 dBm       M2[1]       M2[1]       -23.97 dBm       30.00 pc <t< td=""><td>M3</td><td></td><td></td><td></td><td></td><td>3.</td><td>015 m</td><td>is  </td><td>-1</td><td>12.88</td><td>dBm</td><td><u> </u></td><td>_</td><td>_</td><td>_</td><td></td><td>_</td><td></td><td>4.144</td><td>_</td><td>14</td><td>02.202</td><td>5</td></t<>	M3					3.	015 m	is	-1	12.88	dBm	<u> </u>	_	_	_		_		4.144	_	14	02.202	5
1Pk Cirw       M1[1]       -14.43 dBn         10 dBm       M2[1]       -23.97 dBn         10 dBm       M2[1]       -23.97 dBn         11 dBm       M2[1]       -23.97 dBn         12 dBm       M2[1]       -23.97 dBn         30 dBm       10 dBm       276.00 μ         31 dBm       10 dBm       10 dBm         32 dBm       10 dBm       10 dBm         44 dBm       10 dBm       10 dBm         45 dBm       10 dBm       10 dBm         50 dBm       10 dBm       10 dBm         50 dBm       10 dBm       10 dBm         40 dBm       10 dBm       10 dBm         50 dBm       10 dBm			.2025	5 15	5:50:	58	Dut	у Сус	cle N	NVNT	Γn4	0 242	22IV	1Hz	Ant	1							
10 dBm     36.00 μs       0 dBm     -23.97 dBm       10 dBm     -23.97 dBm       11 276.0 μs     -23.97 dBm       11 276.0 μs     -23.97 dBm       11 2276.0 μs     -23.97 dBm	Spect Ref Lo Att	rum	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	22IV	1Hz	Ant	1							
D dBm     P2[1]     -23.97 dBm       D dBm     276.00 μs     276.00 μs       D dBm     P2 dBm     P2 dBm       20 dBm     P2 dBm     P2 dBm       20 dBm     P2 dBm     P2 dBm       30 dBm     P2 dBm     P2 dBm       40 dBm     P2 dBm     P2 dBm       41 dBm     P2 dBm     P2 dBm       42 dBm     P2 dBm     P2 dBm       43 dBm     P2 dBm     P2 dBm       44 dBm     P2 dBm     P2 dBm       45 dBm     P2 dBm     P2 dBm       46 dBm     P2 dBm     P2 dBm       47 dBm     P2 dBm     P2 dBm       48 dBm     P2 dBm     P2 dBm       49 dBm     P2 dBm     P2 dBm       40 dBm     P2 dBm     P2 dBm       40 dBm     P2 dBm     P2 dBm       40 dBm     P2 dBm     P2 dBm       <	Spect Ref Lo Att SGL	rum evel	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242			Ant	1							
30 gen     10 gen </td <td>Spect Ref Lo Att SGL 1Pk Cl</td> <td>rum evel : rw</td> <td>20.00</td> <td>dBm</td> <td>C</td> <td>)ffset</td> <td>2.52</td> <td>dB 👄</td> <td>RBV</td> <td><b>V</b> 1 M</td> <td>Hz</td> <td>0 242</td> <td></td> <td></td> <td>Ant</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>-1</td> <td></td> <td>( △ dBn</td>	Spect Ref Lo Att SGL 1Pk Cl	rum evel : rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242			Ant	1					-1		( △ dBn
3G μBm     4G μBm </td <td>Specti Ref Lo Att SGL 1Pk Cl 10 dBm</td> <td>rum evel : rw</td> <td>20.00</td> <td>dBm</td> <td>C</td> <td>)ffset</td> <td>2.52</td> <td>dB 👄</td> <td>RBV</td> <td><b>V</b> 1 M</td> <td>Hz</td> <td>0 242</td> <td>M1</td> <td>[1]</td> <td>Ant</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td>36.0 3.97</td> <td>dBn J0µ: dBn</td>	Specti Ref Lo Att SGL 1Pk Cl 10 dBm	rum evel : rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant	1					-2	36.0 3.97	dBn J0µ: dBn
3G μBm     4G μBm </td <td>Specti Ref Lo Att SGL 1Pk Cl 10 dBm</td> <td>rum evel : rw</td> <td>20.00</td> <td>dBm</td> <td>C</td> <td>)ffset</td> <td>2.52</td> <td>dB 👄</td> <td>RBV</td> <td><b>V</b> 1 M</td> <td>Hz</td> <td>0 242</td> <td>M1</td> <td>[1]</td> <td>Ant</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td>36.0 3.97</td> <td>dBn J0µ: dBn</td>	Specti Ref Lo Att SGL 1Pk Cl 10 dBm	rum evel : rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant	1					-2	36.0 3.97	dBn J0µ: dBn
4G dBm	Specti Ref Lo Att SGL 1Pk Cl 10 dBm	rum evel : rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant						-2	36.0 3.97	dBn J0µ: dBn
4G dBm	Specta Ref Lo Att SGL 1Pk Cl 10 dBm- 0 dBm-	rum evel :	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant						-2	36.0 3.97	dBn J0µ: dBn
StudBm	Spect Ref Lo Att SGL 1Pk Cl 10 dBm- 0 dBm- 20 dBm-	rum evel : rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant						-2	36.0 3.97	dBn J0µ: dBn
60ldBm	Spect Ref Lo Att SGL 1Pk Cl 10 dBm- 0 dBm- 0 dBm- 20 dBm -30 dBm	rum evel	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz	0 242	M1	[1]	Ant						-2	36.0 3.97	dBn J0µ: dBn
To dBm         Image: constraint of the second	Spect Ref Lo Att SGL 1Pk Cl 10 dBm- 0 dBm- 20 dBm- 30 dBm	rum evel	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz		M1	[1]	Ant <sup>2</sup>						-2	36.0 3.97	ک] dBm dBm
CF 2.422 GHz         10001 pts         3.0 ms/           Tarker         Y-value         Function         Function Result           M1         1         36.0 µs         -14.43 dBm         -           M2         1         276.0 µs         -23.97 dBm         -           M3         1         924.0 µs         -14.67 dBm         -	Specto Ref Lo Att SGL 1Pk Cl 10 dBm- 0 dBm- 40 dBm -30 dBm -40 dBm	rum rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz		M1	[1]							-2	36.0 3.97	ک] dBm dBm
CF 2.422 GHz         10001 pts         3.0 ms/           Tarker         Y-value         Function         Function Result           M1         1         36.0 µs         -14.43 dBm         -           M2         1         276.0 µs         -23.97 dBm         -           M3         1         924.0 µs         -14.67 dBm         -	Specto Ref Lo SGL 1Pk Cl 10 dBm- 0 dBm- 30 dBm- 30 dBm -4C dBm -5C dBm	rum rw	20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz		M1	[1]	Ant						-2	36.0 3.97	ک] dBm dBm
Marker           Type         Ref         Trc         X-value         Y-value         Function         Function Result           M1         1         36.0 μs         -14.43 dBm         -	Specta Ref Lo Att SGL 10 dBm- 10 dBm- 20 dBm- 30 dBm- 32 dBm 40 dBm- 40 dBm 40 dBm 40 dBm 40 dBm		20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz		M1	[1]							-2	36.0 3.97	ک] dBm dBm
Type         Ref         Trc         X-value         Y-value         Function         Function Result           M1         1         36.0 μs         -14.43 dBm	Specta Ref Li Att SGL 10 dBm- 10 dBm- 20 dBm- 30 dBm- 30 dBm- 40 dBm- 30 dBm-		20.00	dBm	C	)ffset	2.52	dB 👄	RBV	<b>V</b> 1 M	Hz		M1	[1]	Ant						-2	36.0 3.97	ک] dBm dBm
M1         1         36.0 μs         -14.43 dBm           M2         1         276.0 μs         -23.97 dBm           M3         1         924.0 μs         -14.67 dBm	Specta Ref Li Att SGL 1Pk Cl 10 dBm- 10 dBm- 1		20.00	dBm	C	)ffset	2.52	dB 👄	RBV	V 1 M	Hz		M1	[1]	Ant							36.1 3.97 276.0	dBn 00 µ: dBn 00 µ:
M3 1 924.0 μs -14.67 dBm 14.022025	Spects Ref Li Att SGL 110 dBm 10 dBm		20.00	dBm 30 dB		Offset WT	2.52	dB 👄		V 1 M V 3 M	Hz Hz		M1							Rec		36.1 3.97 276.1	dBn 00 µ: dBn 00 µ:
Peady 14.02.2025	Specta Ref La Att SGL 1Pk Cl 10 dBm 0 dBm 40 dBm 40 dBm 40 dBm 40 dBm 40 dBm 40 dBm 50 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm 70 dBm		20.00 3			-value	2.52 30	dB  ms ms		V 1 M V 3 M V 1 M V 3 M	Hz Hz D01 p		M1				FL		ion	Res		36.1 3.97 276.1	dBm 10 µs dBm 10 µs 10 µs
to: 14 PEP 2025 15:56:02	Specto Ref Lo SGL 1Pk Cl 10 dBm- 0 dBm- 10 dBm- 10 dBm -40 dBm -40 dBm -50 dBm -70 dBm		220.00 3 12 12	dBm 30 dB		-value	2.52 30	dB  ms		V 1 M V 3 M 100 Value 100 Value	Hz Hz D01 p		M1				Fu		ion	Res		36.1 3.97 276.1	dBm 10 µs dBm 10 µs 10 µs
	Specto Ref Lo SGL 1Pk Cl 10 dBm- 0 dBm- 10 dBm- 10 dBm -40 dBm -40 dBm -50 dBm -70 dBm		220.00 3 1 1 1	dBm 30 dB		-value	2.52 30	dB  ms		V 1 M V 3 M 100 Value 100 Value	Hz Hz D01 p		M1							Res		36.1 3.97 276.1	dBm 00 µs dBm 00 µs

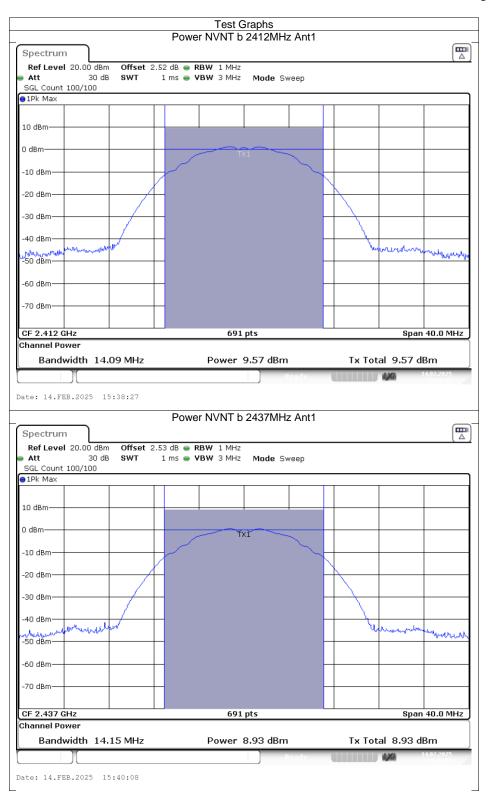
#### REPORT NO.: E04A24120673F00201 Page 54 of 109



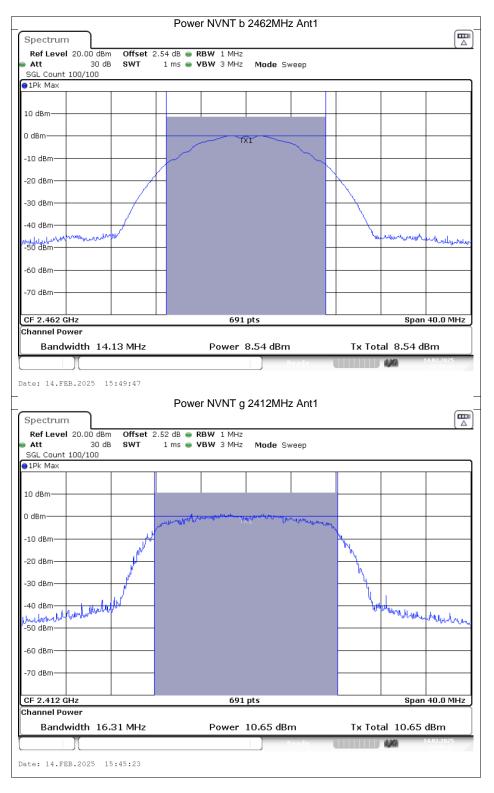
### REPORT NO.: E04A24120673F00201 Page 55 of 109

# **Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	9.57	0	9.97	30	Pass
NVNT	b	2437	Ant1	8.93	0	8.93	30	Pass
NVNT	b	2462	Ant1	8.54	0	8.54	30	Pass
NVNT	g	2412	Ant1	10.65	0	9.89	30	Pass
NVNT	g	2437	Ant1	9.1	0	9.1	30	Pass
NVNT	g	2462	Ant1	9.05	0	9.05	30	Pass
NVNT	n20	2412	Ant1	10.33	0	9.67	30	Pass
NVNT	n20	2437	Ant1	9.19	0	9.19	30	Pass
NVNT	n20	2462	Ant1	9.1	0	9.1	30	Pass
NVNT	n40	2422	Ant1	8.97	0	8.97	30	Pass
NVNT	n40	2437	Ant1	7.35	0	7.35	30	Pass
NVNT	n40	2452	Ant1	7.49	0	7.49	30	Pass



#### REPORT NO.: E04A24120673F00201 Page 57 of 109



# REPORT NO.: E04A24120673F00201 Page 58 of 109

	Po	ower NVNT g 2437MHz A	nt1	
Spectrum		<u> </u>		
Ref Level 20.00 dBm	Offset 2.53 dB			
Att 30 dB		VBW 3 MHz Mode Sweep	5	
SGL Count 100/100		- · · ·		
●1Pk Max				
10 dBm				
0 dBm		warden all all and a second production	Malua -	
-10 dBm	1		and the	
-10 060	M		What.	
-20 dBm			Ň.	
	N I			
-30 dBm	- <u>//</u>		1	
10 -10	4		1	
-40 dBm	r <sup>y</sup>		Word March	hunderlagener
-50 dBm				Marcan Michaer and
-60 dBm				
-70 dBm				
CF 2.437 GHz		691 pts		Span 40.0 MHz
Channel Power				
Bandwidth 16.4	0 MHz	Power 9.10 dBm	Tx Total 9	.10 dBm
		Read		14.02.2025
	D	WORNIVINT a 2462MUz A	n+1	-
Spectrum	Po	ower NVNT g 2462MHz A	nt1	
Spectrum			nt1	
Spectrum Ref Level 20.00 dBm Att 30 dB	Offset 2.54 dB			
Ref Level 20.00 dBm Att 30 dB SGL Count 100/100	Offset 2.54 dB	• RBW 1 MHz		
RefLevel 20.00 dBm Att 30 dB	Offset 2.54 dB	• RBW 1 MHz		
Ref Level 20.00 dBm Att 30 dB SGL Count 100/100	Offset 2.54 dB	• RBW 1 MHz		
Ref Level 20.00 dBm Att 30 dB SGL Count 100/100	Offset 2.54 dB	• RBW 1 MHz		
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           ID         dBm         10 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		
Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 P1Pk Max	Offset 2.54 dB SWT 1 ms	• RBW 1 MHz		
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           • IPk         Max           10 dBm         10 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           IPk         Max         10 dBm           0 dBm         0 dBm         10 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           IPk         Max         10 dBm           0 dBm         0 dBm         10 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	АЛипи 	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           IPK         Max         10 dBm           0 dBm         -0 dBm         -0 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	АЛипи 	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           IPk         Max         10 dBm           0 dBm         -10 dBm         -10 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	АЛипи 	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           1Pk         Max         10 dBm           10 dBm         0 dBm         -10 dBm           -20 dBm         -30 dBm         -30 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           1Pk         Max         10 dBm           10 dBm         0 dBm         -10 dBm           -20 dBm         -30 dBm         -30 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           IPk         Max         10           10 dBm         0         dBm           -10 dBm         -         -           -20 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           I Pk         Max         10           0 dBm         0         0           -10 dBm         -         -           -20 dBm         -         -           -30 dBm         -         -           -40 dBm         -         -           -50 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           1Pk         Max         10 dBm           10 dBm         0 dBm         -10 dBm           -20 dBm         -30 dBm         -30 dBm	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dbm           Att         30 dB           SGL         Count         100/100           I Pk         Max         10           10 dBm         0         dBm           -10 dBm         -         -           -20 dBm         -         -           -30 dBm         -         -           -40 dBm         -         -           -60 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	Aluman	
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           I Pk         Max         10           0 dBm         0         0           -10 dBm         -         -           -20 dBm         -         -           -30 dBm         -         -           -40 dBm         -         -           -50 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		
Ref Level         20.00 dbm           Att         30 dB           SGL         Count         100/100           I Pk         Max         10           0 dBm         0         0           -10 dBm         -         0           -20 dBm         -         -           -30 dBm         -         -           -40 dBm         -         -           -60 dBm         -         -           -70 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		Murilier Lawrence
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           1Pk Max         10         10           10 dBm         0         0           -10 dBm         -         0           -20 dBm         -         -           -30 dBm         -         -           -60 dBm         -         -           -70 dBm         -         -           -70 dBm         -         -           -70 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		
Ref Level         20.00 dbm           Att         30 db           SGL         Count         100/100           1Pk Max         10         10           10 dBm         0         0         10           -10 dBm         -         0         0           -20 dBm         -         -         0           -30 dBm         -         -         0           -20 dBm         -         -         0           -30 dBm         -         -         -           -60 dBm         -         -         -           -70 dBm         -         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		(△)
Ref Level         20.00 dBm           Att         30 dB           SGL         Count         100/100           1Pk Max         10         10           10 dBm         0         0           -10 dBm         -         0           -20 dBm         -         -           -30 dBm         -         -           -60 dBm         -         -           -70 dBm         -         -           -70 dBm         -         -           -70 dBm         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	yywy ywy ywy ywy ywy ywy ywy ywy ywy yw	( ک )
Ref Level         20.00 dbm           Att         30 db           SGL         Count         100/100           1Pk Max         10         10           10 dBm         0         0         10           -10 dBm         -         0         0           -20 dBm         -         -         0           -30 dBm         -         -         0           -20 dBm         -         -         0           -30 dBm         -         -         -           -60 dBm         -         -         -           -70 dBm         -         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep		( ک )
Ref Level         20.00 dbm           Att         30 db           SGL         Count         100/100           1Pk Max         10         10           10 dBm         0         0         10           -10 dBm         -         0         0           -20 dBm         -         -         0           -30 dBm         -         -         0           -20 dBm         -         -         0           -30 dBm         -         -         -           -60 dBm         -         -         -           -70 dBm         -         -         -	Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Sweep	yywy ywy ywy ywy ywy ywy ywy ywy ywy yw	( ک )

# REPORT NO.: E04A24120673F00201 Page 59 of 109

Spectrum         Offset         2.52 dB         RBW 1 MHz           Att         30 dB         SWT         1 ms         VBW 3 MHz         Mode         Sweep           SGL Count 100/100         Image: SG	
Ref Level         20.00         BBW         0 ffset         2.52         B         RBW         1 MHz           Att         30 dB         SWT         1 ms         VBW 3 MHz         Mode         Sweep           SGL Count 100/100	( -
SGL Count 100/100	
) 1Pk Max	
10 dBm	
) dBm	
10 dBm	
20 dBm	
30 dBm	
40 dBm	J.M. W. Worked
40 dBm the about the ten	WWWWWWWWWWWW
50 dBm	
60 dBm	
70 dBm	
GF 2.412 GHz 691 pts	Span 40.0 MHz
Bandwidth 17.49 MHz Power 10.33 dBm Tx Total 10	) 22 dBm
	14.02.2025
Ref Level 20.00 dBm Offset 2.53 dB  RBW 1 MHz	
Att 30 dB SWT 1 ms 🖷 VBW 3 MHz Mode Sweep	
SCL Count 199/199	
1Pk Max	
1Pk Max	
1Pk Max	
10 dBm	
10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	
10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	
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11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 40 dBm 60 dBm 60 dBm	The manual
10 dBm 10 dBm 10 dBm 20 dBm 40 dBm	The manual
11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 40 dBm 50 dBm 60 dBm	
11Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 60 dBm	
10 dBm     10 dBm       10 dBm     10 dBm       10 dBm     10 dBm       20 dBm     10 dBm       30 dBm     10 dBm       40 dBm     10 dBm       50 dBm     10 dBm       20 dBm     10 dBm       30 dBm     10 dBm       40 dBm     10 dBm       50 dBm     10 dBm       60 dBm     10 dBm	Span 40.0 MHz
11Pk Max         10 dBm         10 dBm         10 dBm         10 dBm         20 dBm         30 dBm         40 dBm         40 dBm         50 dBm         60 d	Span 40.0 MHz
11Pk Max         10 dBm         10 dBm         10 dBm         20 dBm         20 dBm         40 dBm         50 dBm         60 dBm         70 dBm         70 dBm         691 pts         hannel Power         Bandwidth 17.52 MHz       Power 9.19 dBm       Tx Total 9.	Span 40.0 MHz

# REPORT NO.: E04A24120673F00201 Page 60 of 109

	P	ower NVNT n20 2462MHz Ant	:1
Spectrum			
Ref Level 20.00 dBm	Offset 2.54 d	B 👄 RBW 1 MHz	
Att 30 dB		s 🖶 VBW 3 MHz 🛛 Mode Sweep	
SGL Count 100/100 1Pk Max			
10 dBm			
) dBm			
	a maran he	the manual and a constrained	men
10 dBm			
-20 dBm			<u> </u>
30 dBm			
40 dBm			<u> </u>
when he was	all a second sec		authurdete water buck mon
50 dBm			1
60 d0			
60 dBm			
70 dBm			
CF 2.462 GHz		691 pts	Span 40.0 MHz
hannel Power			
Bandwidth 17.	51 MHz	Power 9.10 dBm	Tx Total 9.10 dBm
1 I		Ready	14.02.2025
Ref Level 20.00 dBm Att 30 dB		B 🖷 RBW 1 MHz s 🖷 VBW 3 MHz 🛛 Mode Sweep	
SGL Count 100/100	SWI IN	s - The small mode sweep	
)1Pk Max			
.0 dBm			
I dBm			
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10 dBm	rowwww	A contraction	monore
20 dBm			
	μ <sup>η</sup>		
30 dBm			
40 dBm	Jui		Marian III
40 dBm	Jul		4 Charmenter and a constrained
40 dBm ally grand with with 50 dBm	Jul		hunner har
40 dBm all y han white 50 dBm	Jun		hurmuniteritet
40 dBm 			
40 dBm 			
40 dBm		691 pts	
40 dBm 50 dBm 60 dBm 70 dBm F 2.422 GHz		691 pts	Span 80.0 MHz
40 dBm 50 dBm 60 dBm 70 dBm 70 dBm 66 dBm 70 dBm 67 2.422 GHz		691 pts Power 8.97 dBm	
40 dBm 50 dBm 60 dBm 70 dBm 70 dBm F 2.422 GHz hannel Power			Span 80.0 MHz
-30 dBm -40 dBm -40 dBm -60 dBm -70 dBm -70 dBm <b>CF 2.422 GHz</b> <b>Channel Power</b>			Span 80.0 M

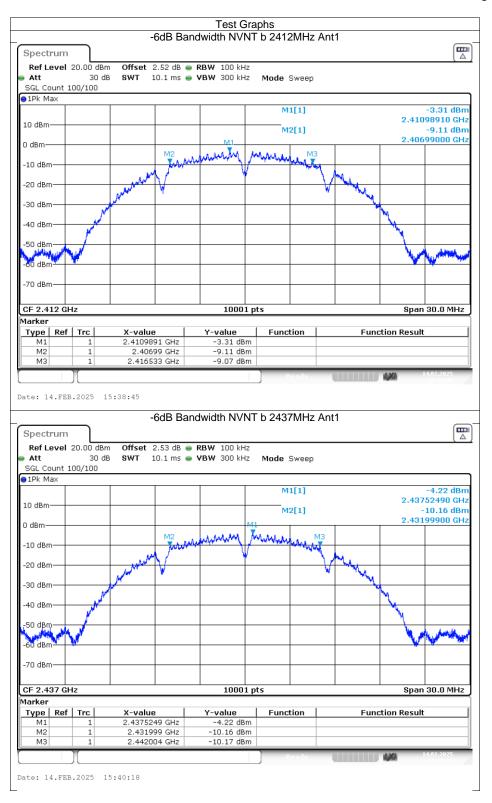
# REPORT NO.: E04A24120673F00201 Page 61 of 109

	P0\	ver NVNT n40 2437MH			
Spectrum					
Ref Level 20.00 dBm	Offset 2.53 dB	RBW 1 MHz			
Att 30 dB	SWT 1 ms	VBW 3 MHz Mode Swe	зер		
SGL Count 100/100 1Pk Max					
10 dBm					
LO UBIN					
) dBm		TX1			
	and a state of the		withlender when and		
-10 dBm	- manual -	V	- manufantan		
-20 dBm			<u> </u>		
-30 dBm	r <sup>d</sup>				
-40 dBm			4		
	ww		lin lin	and the second	
50 detti www.www.				undersharment	and a start and a start
60 d0m					
-60 dBm					
-70 dBm					
CF 2.437 GHz		691 pts		Span 8	0.0 MHz
hannel Power					
Bandwidth 35.9	91 MHz	Power 7.35 dBm	Тх То	tal 7.35 dBr	n
		Re	ady	1,00	02.2025
		wer NVNT n40 2452MH	z Ant1		Ē
Spectrum Ref Level 20.00 dBm	Pov Offset 2.54 dB	<b>• RBW</b> 1 MHz	z Ant1		
Spectrum Ref Level 20.00 dBm Att 30 dB	Pov Offset 2.54 dB				
Spectrum Ref Level 20.00 dBm	Pov Offset 2.54 dB	• RBW 1 MHz			(III)
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100	Pov Offset 2.54 dB	• RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 91Pk Max	Pov Offset 2.54 dB	• RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max L0 dBm	Pov Offset 2.54 dB	• RBW 1 MHz			
Spectrum Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max L0 dBm	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa	зер		
Spectrum           Ref Level         20.00 dBm           Att         30 dB           SGL Count         100/100           01Pk Max         0           L0 dBm         0	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa	зер		
Spectrum           Ref Level         20.00 dBm           Att         30 dB           SGL Count         100/100           1Pk Max         10 dBm           0 dBm         10 dBm	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa			
Spectrum           Ref Level         20.00 dBm           Att         30 dB           SGL Count         100/100           1Pk Max         10 dBm           0 dBm         10 dBm	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa	зер		
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100  PPk Max  10 dBm  10 dBm  20 dBm  20 dBm	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa	зер		
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100  PPk Max  10 dBm  10 dBm  20 dBm  20 dBm	Pov Offset 2.54 dB	RBW 1 MHz     VBW 3 MHz     Mode Swa	зер		
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100  IPk Max  0 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa			
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 11Pk Max  0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa			
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 PPK Max  10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa			
Spectrum  Ref Level 20.00 dBm Att 30 dB SGL Count 100/100 PPK Max  10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 40 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa		and which where and	
Spectrum           Ref Level 20.00 dBm           Att 30 dB           SGL Count 100/100           1Pk Max           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -60 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa		and which the second	
Spectrum           Ref Level         20.00 dBm           Att         30 dB           SGL Count         100/100           1Pk Max         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           20 dBm         10 dBm           30 dBm         10 dBm           40 dBm         10 dBm           50 dBm         10 dBm           40 dBm         10 dBm           40 dBm         10 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa		And myhled war at	
Spectrum           Ref Level         20.00 dBm           Att         30 dB           SGL Count         100/100           1Pk Max         30 dBm           10 dBm         30 dBm           -10 dBm	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa			Jar-utlort
Spectrum         Ref Level 20.00 dBm         Att 30 dB         SGL Court 100/100         1PK Max         10 dBm         10 dBm         10 dBm         20 dBm         30 dBm         40 dBm         40 dBm         50 dBm         40 dBm         50 dBm         40 dBm         50 dBm         60 dBm         60 dBm         70 dBm         70 dBm         CF 2.452 GHz	Pov Offset 2.54 dB SWT 1 ms	RBW 1 MHz     VBW 3 MHz     Mode Swa			
Spectrum         Ref Level 20.00 dBm         Att 30 dB         SGL Court 100/100         1PK Max         10 dBm         10 dBm         10 dBm         20 dBm         30 dBm         40 dBm         40 dBm         50 dBm         40 dBm         50 dBm         40 dBm         50 dBm         60 dBm         60 dBm         70 dBm         70 dBm         CF 2.452 GHz	Powerscher	RBW 1 MHz     VBW 3 MHz     Mode Swa			ے المیں المیں الم 0.0 MHz
Spectrum           Ref Level 20.00 dBm           Att 30 dB           SGL Count 100/100           IPK Max           10 dBm           -0 dBm           -10 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	Powerscher	RBW 1 MHz     VBW 3 MHz     Mode Swa		Span 8	0.0 MHz

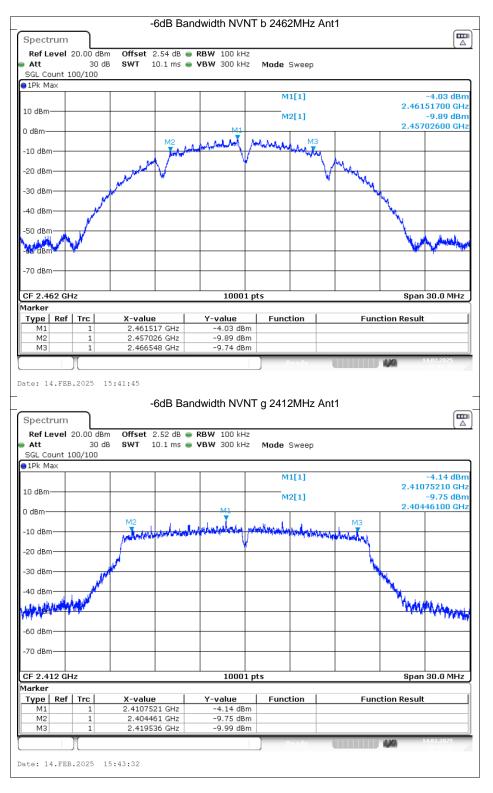
### REPORT NO.: E04A24120673F00201 Page 62 of 109

# -6dB Bandwidth

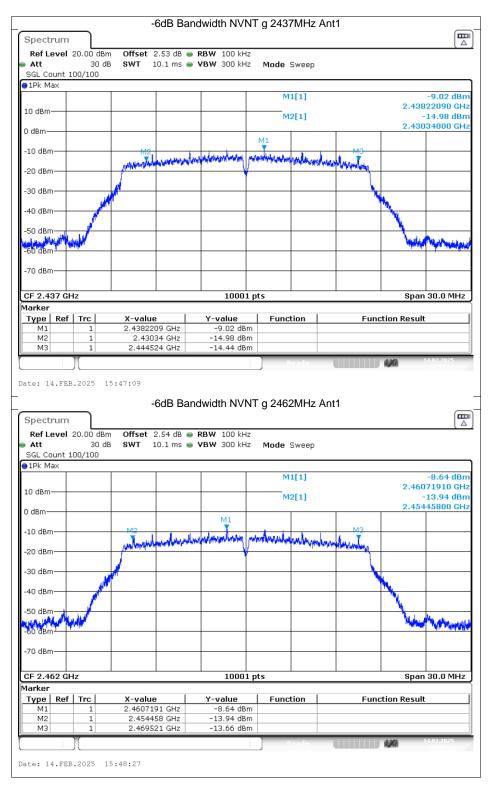
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.54	0.5	Pass
NVNT	b	2437	Ant1	10.01	0.5	Pass
NVNT	b	2462	Ant1	9.52	0.5	Pass
NVNT	g	2412	Ant1	15.08	0.5	Pass
NVNT	g	2437	Ant1	14.18	0.5	Pass
NVNT	g	2462	Ant1	15.06	0.5	Pass
NVNT	n20	2412	Ant1	15.08	0.5	Pass
NVNT	n20	2437	Ant1	15.09	0.5	Pass
NVNT	n20	2462	Ant1	15.02	0.5	Pass
NVNT	n40	2422	Ant1	33.83	0.5	Pass
NVNT	n40	2437	Ant1	35.05	0.5	Pass
NVNT	n40	2452	Ant1	35.04	0.5	Pass



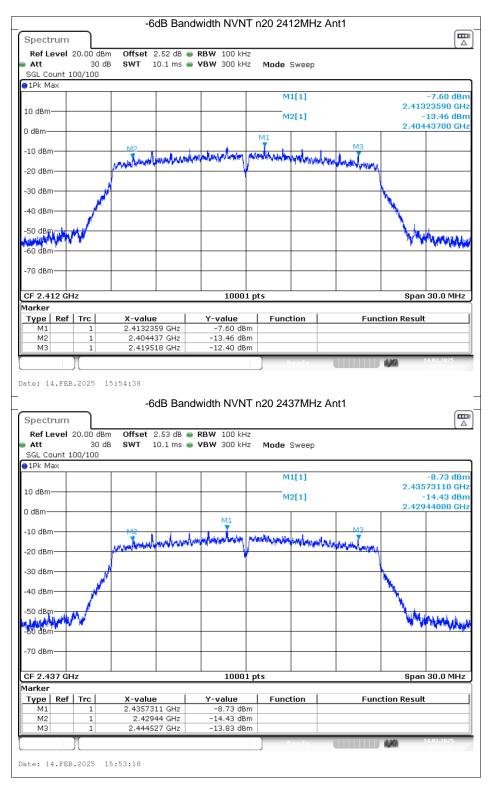
#### REPORT NO.: E04A24120673F00201 Page 64 of 109



#### REPORT NO.: E04A24120673F00201 Page 65 of 109



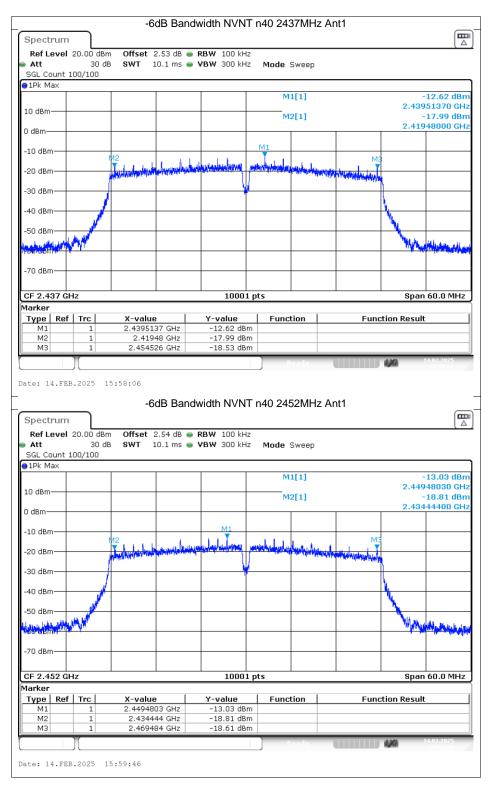
#### REPORT NO.: E04A24120673F00201 Page 66 of 109



# REPORT NO.: E04A24120673F00201 Page 67 of 109

Def	rum		40	0#+	0 54 -20		u 100 kr						ſ
Ref Le Att SGL Co			) dB				W 100 kH W 300 kH		Sweep				
1Pk Ma													
								M	1[1]			0.4	-9.09 dE
.0 dBm·	+		+					M	2[1]			2.4	5322390 G -15.02 dE
I dBm—												2.4	5449700 G
								M1					
10 dBm	'+			mantiment	Incluse	denna	manim	powerderwayers	Julia and	Aur. 1	M3 . T		
20 dBm			^A	NARA AND A CARD	Anthonia Acarta.				a a m d M.	***	Whitmy		
30 dBm			_										
SU UDII	'		J									M.	
40 dBm	-	_/	-									<u> </u>	-
50 dBm		≁				_						<u> </u>	
Alle dances		NV -										- V	No and A Contraction
60 dBm	1		-										
70 dBm													
F 2.46	52 GH	lz					10001	. pts				Spa	an 30.0 MH
arker	Def	Tra		V_mal.	0		-ualve	<b>F</b>	tion		E · · · · -	tion Do-	.1+
Type M1	Ket	Trc 1		2.46322		Y	'-value -9.09 dBi	Func n	aion		Func	tion Resu	arc —
M2		1		2.4544	197 GHz		-15.02 dB	n					
MЗ		1		2.4695	515 GHz		-14.23 dB	n					
								T n40 24	22MH	z Ant1			[
Ref Le Att	evel		dBm ) dB	-6 Offset	2.52 dB	e RB	th NVN w 100 kH w 300 kH	2		z Ant1			[1
Ref Le Att	e <b>vel</b> : unt 1	30	dBm ) dB	-6 Offset	2.52 dB	e RB	<b>W</b> 100 kH	z		z Ant1			[1
Ref Le Att GGL Co	e <b>vel</b> : unt 1	30	dBm ) dB	-6 Offset	2.52 dB	e RB	<b>W</b> 100 kH	z Z Mode		z Ant1			-11.24 dE
Ref Le Att BGL Co 1Pk Ma	e <b>vel</b> : unt 1	30	dBm ) dB	-6 Offset	2.52 dB	e RB	<b>W</b> 100 kH	z Mode	Sweep	z Ant1		2.4	-11.24 dE 1697250 G
Ref Le Att 5GL Co 1Pk Ma	e <b>vel</b> : unt 1	30	dBm ) dB	-6 Offset	2.52 dB	e RB	<b>W</b> 100 kH	z Mode	Sweep	z Ant1			-11.24 dE
Ref La Att BGL Co 1Pk Ma 0 dBm-	evel : ount 1 ex	30	dBm ) dB	-6 Offset	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode	Sweep	z Ant1			-11.24 dE 1697250 G -16.96 dE
Ref La Att BGL Co 1Pk Ma 0 dBm-	evel : ount 1 ex	30	dBm ) dB )	-6 Offset	2.52 dB	e RB	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	M3		-11.24 dE 1697250 G -16.96 dE
Ref Le Att <u>3GL Co</u> 1Pk Ma 0 dBm- 1 dBm-	avel :	30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref Le Att <u>SGL Co</u> 1Pk Ma 0 dBm- 1 dBm- 10 dBm- 20 dBm	avel :	30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref Le Att <u>SGL Co</u> 1Pk Ma 0 dBm- 1 dBm- 10 dBm- 20 dBm	avel :	30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref La Att <u>SGL Co</u> 1Pk Ma 0 dBm- 1 dBm- 10 dBm 20 dBm 20 dBm	avel	30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref La Att <u>5GL Co</u> 1Pk Ma 0 dBm- 10 dBm- 10 dBm 20 dBm 30 dBm		30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref La Att <u>5GL Co</u> 1Pk Ma 0 dBm- 10 dBm- 10 dBm 20 dBm 30 dBm		30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref Lo Att SGL Co 1Pk Ma 1Pk Ma 1Pk Ma 1Pk Ma 1Pk Ma 1Pk Ma 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm		30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref La Att SGL Co 1Pk M: 0 dBm- dBm- 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm		30	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	z Mode Mode	Sweep	z Ant1	Ma		-11.24 dE 1697250 G -16.96 dE
Ref La Att SGL Co SGL C	average of the second s	300/100	dBm ) dB )	-6 Offset SWT	2.52 dB	RBI     VBI	W 100 kH W 300 kH	2 Mode	Sweep	z Ant1		2.4	-11.24 dE 1697250 G -16.96 dE
Att <u>SGL Ca</u> <u>SGL Ca</u> <u></u>	unt 1	30 00/100	dBm ) dB )	-6 Offset SWT	2.52 dB 10.1 ms		W 100 kH	Z Mode M M	Sweep	z Ant1		2.44	-11.24 dE
Ref Lt Att SGL Co IPk M: 0 dBm	unt 1	3(0)/100	dBm ) dB )	-6 Offset swT	2.52 dB 10.1 ms		W 100 kH W 300 kH	Z Mode	Sweep	z Ant1		2.4	-11.24 dE
Ref Lt Att SGL Co SGL CO S	unt 1	3(0)/100	dBm ) dB )	-6 Offset SWT	2.52 dB 10.1 ms	RB1	W 100 kH W 300 kH	z Mode M M . pts . pts . pts	Sweep	z Ant1		2.44	-11.24 dE
Ref Lt Att SGL Co IPk M: 0 dBm	unt 1	3(0)/100	dBm ) dB )	-6 Offset SWT	2.52 dB 10.1 ms	RB1	W 100 kH W 300 kH	z Mode M M . pts . pts . pts	Sweep	z Ant1		2.44	-11.24 dE

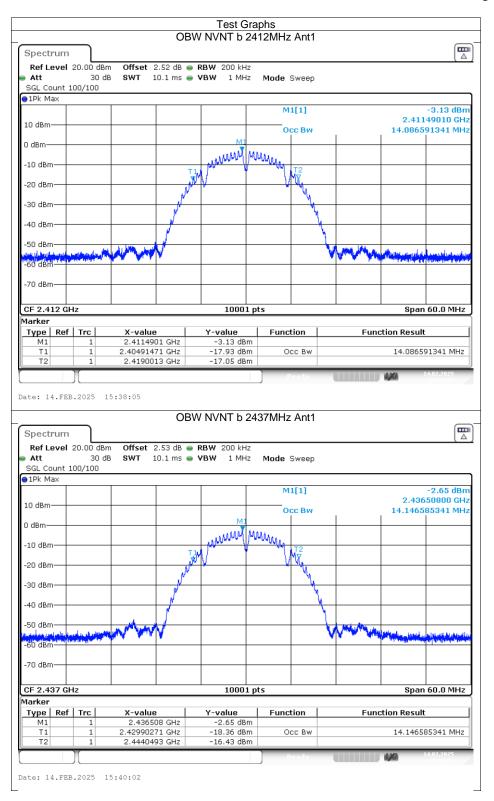
#### REPORT NO.: E04A24120673F00201 Page 68 of 109



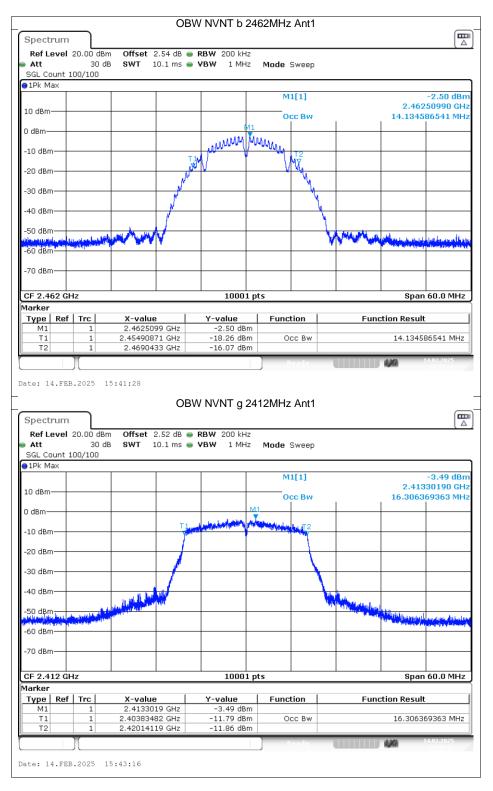
### REPORT NO.: E04A24120673F00201 Page 69 of 109

# **Occupied Channel Bandwidth**

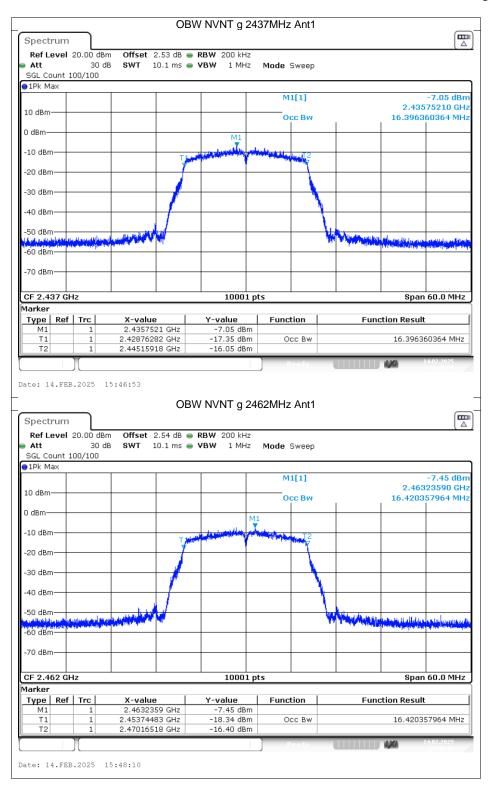
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.087
NVNT	b	2437	Ant1	14.147
NVNT	b	2462	Ant1	14.135
NVNT	g	2412	Ant1	16.306
NVNT	g	2437	Ant1	16.396
NVNT	g	2462	Ant1	16.42
NVNT	n20	2412	Ant1	17.488
NVNT	n20	2437	Ant1	17.518
NVNT	n20	2462	Ant1	17.506
NVNT	n40	2422	Ant1	35.888
NVNT	n40	2437	Ant1	35.912
NVNT	n40	2452	Ant1	35.9



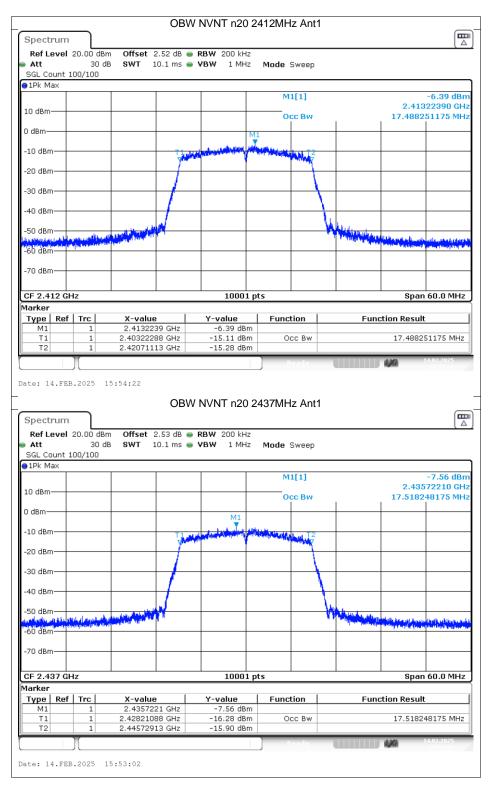
#### REPORT NO.: E04A24120673F00201 Page 71 of 109



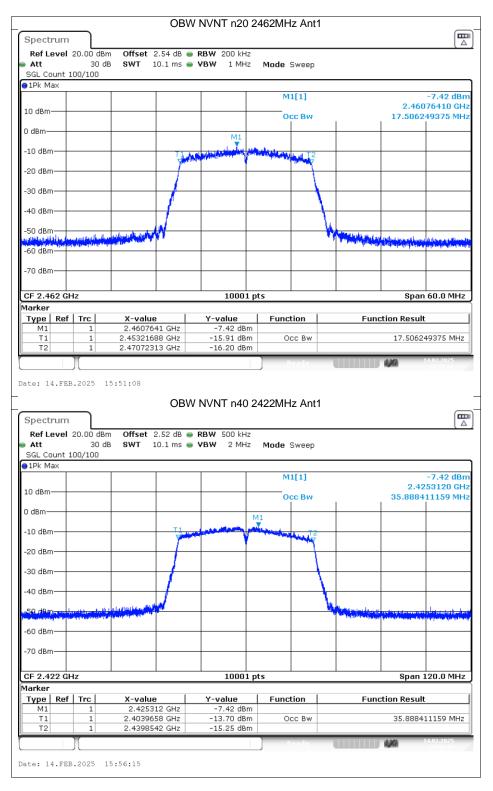
#### REPORT NO.: E04A24120673F00201 Page 72 of 109



#### REPORT NO.: E04A24120673F00201 Page 73 of 109



#### REPORT NO.: E04A24120673F00201 Page 74 of 109



#### REPORT NO.: E04A24120673F00201 Page 75 of 109

