

CFR 47 FCC PART 15 SUBPART C(DTS)

TEST REPORT

For

Sky View Wellness Table Lamp

MODEL NUMBER: BH-SKY2-000-CBK001-1

REPORT NUMBER: E01A23060386F00301

ISSUE DATE: August 25, 2023

FCC ID:2BAZK-SKY2000

Prepared for

BIOLOGICAL INNOVATION AND OPTIMIZATION SYSTEMS LLC

274 E EAU GALLIE BLVD STE 116 INDN HBR BCH Florida United states

Prepared by

Dong Guan Anci Electronic Technology Co., Ltd.

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	August 55, 2023	Initial Issue	Luke

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

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

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ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Address:	BIOLOGICAL INNOVATION AND OPTIMIZATION SYSTEMS LLC 274 E EAU GALLIE BLVD STE 116 INDN HBR BCH Florida United states
Manufacturer Information Company Name: Address:	Meko Lighting Company Limited No.2, Songlin East Road, Zeng Tian Village, Xin An District,
EUT Information	Chang An Town Dongguan Guangdong 523883 China
EUT Name:	SkyView Pro Table Lamp
Model:	BH-SKY2-000-CBK001-1
Brand:	BIOS Lighting
Sample Received Date:	July 25, 2023
Sample Status:	Normal
Sample ID:	A23060386 003
Date of Tested:	July 26, 2023 to August 01, 2023
Hardware version:	V1.0
Software version:	V1.0

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

Date of Test :

July 26, 2023 to August 01, 2023

Prepared by :

lke Li

Luke Li/Editor

Reviewer & Authorized Signer :

T:gr Xin Tiger Xu/ Supervisor CERTIFICA

TEST METHODOLOGY

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

FACILITIES AND ACCREDITATION

Site Description		
EMC Lab.	:	Accredited by A2LA, 2018.03.15
		The Certificate Number is 4422.01.
		CAB identifier: CN0079
		ISED Company number: 22768
Name of Firm	:	Dong Guan Anci Electronic Technology Co., Ltd.
Site Location	:	1-2 Floor, Building A, No.11, Headquarters 2 Road,
		Songshan, Lake Hi-tech Industrial Development
		Zone, Dongguan City, Guangdong Pr., China.

CALIBRATION AND UNCERTAINTY

1.1. 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.

1.2. MEASUREMENT UNCERTAINTY

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

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				
Number of Hopping Channel	1.96	±9.2 PPM				
Time of Occupancy	1.96	±0.57%				
Maximum Conducted Output Power	1.96	± 0.73 dB				
Max Peak Conducted Output Power	1.96	±1.5 dB				
Maximum Power Spectral Density Level	1.96	±1.9 dB				
Conducted Band edge	1.96	±9.2 PPM				
Conducted spurious emission 9 kHz-30 MHz: ± 0.95 dB 30 MHz-1 GHz: ± 1.5 dB 30 MHz-1 GHz: ± 1.5 dB 1GHz-12.75GHz: ± 1.8 dB 12.75 GHz-26.5 GHz: ± 2.1dB						
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	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.					

EQUIPMENT UNDER TEST

1.3. DESCRIPTION OF EUT

EUT Name	SkyView Pro Table Lamp
Model	BH-SKY2-000-CBK001-1
Ratings	100-240Vac, 50/60Hz
Test Power Supply	120Vac
Power Supply Information	Model: XY36SC-240150VQ-DW Input: 100-240Vac, 50/60Hz Output: 24Vdc 1.5A
Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2412 MHz to 2462 MHz
Support Standards:	802.11 b/g/n
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: 13.47dBm IEEE 802.11g: 12.52dBm IEEE 802.11n-HT20: 12.5 dBm IEEE 802.11n-HT40: 10.7 dBm
Antenna Type:	PCB Antenna
Antenna Gain:	2.2dBi

1.4. CHANNEL LIST

Channel List for 802.11b/g/n (20 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	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	/	/

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	/	/

1.5. MAXIMUM AVERAGE EIRP

IEEE Std. 802.11	Frequency (MHz)	Channel Number	Maximum Conducted AVG Output Power (dBm)	Maximum AVG EIRP (dBm)
b	2412 ~ 2462	1-11[11]	13.47	15.67
g	2412 ~ 2462	1-11[11]	12.52	14.72
n HT20	2412 ~ 2462	1-11[11]	12.5	14.7
n HT40	2422 ~ 2452	3-9[7]	10.7	12.9

1.6. 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

1.7. THE WORSE CASE POWER SETTING PARAMETER

The W	The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band						
Test Softw	/are			Beken Wi-Fi	Tool V1.6.	0	
	Transmit		Test Channel				
Modulation Mode	Antenna	NCB: 20MHz			NCB: 40MHz		
Wode	Number	CH 1	CH 6	CH 11	CH 3	CH 6	CH 9
802.11b	1	30	30	30		•	
802.11g	1	15	15	15	/		
802.11n HT20	1	15	15	15]		
802.11n HT40	1	1			15	15	15

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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

1.8. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2412-2462	PCB Antenna	2.2dBi

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

1.9. SUPPORT UNITS FOR SYSTEM TEST

The EUT has been tested as an independent unit

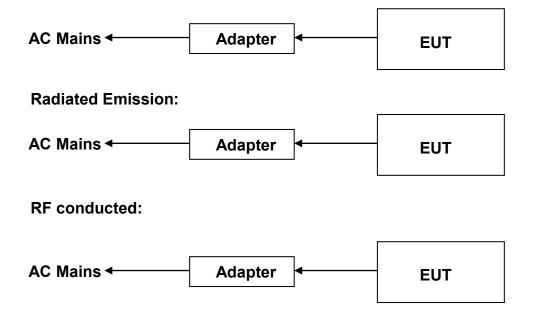
Item	Equipment	Trademark	Model No.	FCC ID	Note
1.	Sky View Wellness Table Lamp	BIOS	BH-SKY2-000-CBK001-1	2BAZK- SKY2000	EUT

Note:

(1) Unless otherwise denoted as EUT in [Remark] column, device(s) used in tested system is a support equipment.

1.10. SETUP DIAGRAM

AC conducted emission :



Test Equipment of Conducted RF						
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date	
Spectrum Analyzer	Rohde & Schwarz	FSV40	US4024062 3	2022-10-29	2023-10-28	
RF Test Software	MWRF-test	MTS 8310	N/A	N/A	N/A	
Radio Frequency control box	MWRF-test	MW200- RFCB	MW220111 ANCI	2023-05-10	2024-05-09	
Radio Frequency control box	MWRF-test	MW200- RFCB 2#	/	2023-05-10	2024-05-09	

MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Radiated emissions below 1GHz							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
EMI Test Receiver	ROHDE&SCH WARZ	ESCI	100302	2023-05-10	2024-05-09		
Bilog Antenna	Schwarzbeck	VULB9163	VULB9163- 1290	2022-12-12	2023-12-11		
RF Cable	ZKJC	ZT06S-NJ- NJ-11M	19060398	2023-05-10	2024-05-09		
RF Cable	ZKJC	ZT06S-NJ- NJ-0.5M	19060400	2023-05-10	2024-05-09		
RF Cable	ZKJC	ZT06S-NJ- NJ-2.5M	19060404	2023-05-10	2024-05-09		
EMI Test Receiver	ROHDE&SCH WARZ	ESPI7	100502	2022-10-08	2023-10-07		
3m Semi- anechoic Chamber	Keysight	9m*6m*6m	N/A	2021-11-13	2024-11-12		

Test Equipment of Radiated emissions above 1GHz							
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date		
Low noise Amplifiers	A-INFO	LA1018N400 9	J101313052 4001	2023-05-10	2024-05-09		
Horn antenna	A-INFO	LB-10180-SF	J203109061 2123	2023-05-10	2024-05-09		
RF Cable	ZKJC	ZT26-NJ-NJ- 11M	19060401	2023-05-10	2024-05-09		
RF Cable	ZKJC	ZT26-NJ-NJ- 2.5M	19060402	2023-05-10	2024-05-09		
RF Cable	ZKJC	ZT26-NJ-NJ- 0.5M	19060403	2023-05-10	2024-05-09		
Spectrum Analyzer	Rohde & Schwarz	FSV40	US40240623	2022-10-29	2023-10-28		
3m Semi- anechoic Chamber	Keysight	9m*6m*6m	N/A	2021-11-13	2024-11-12		
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		
EMI Test Receiver	ROHDE&SCH WARZ	ESCI	101358	2023-05-10	2024-05-09		
1# Shielded Room	chengyu	8m*4m*3.3m	N/A	2022-11-22	2025-11-21		
LISN	ROHDE&SCH WARZ	ENV216	101413	2022-10-08	2023-10-07		
Test Software	Farad	EZ-EMC (Ver.ANCI- 3A1)	N/A	N/A	N/A		
RF Cable	N/A	ZT06S-NJ- NJ-2.5M	19044022	2023-05-10	2024-05-09		

ANTENNA PORT TEST RESULTS

1.11. CONDUCTED OUTPUT POWER

<u>LIMITS</u>

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.

TEST ENVIRONMENT

Temperature	23 .1℃	Relative Humidity	50%
Atmosphere Pressure	101kPa		

TEST RESULTS

1.12. 6DB BANDWIDTH

<u>LIMITS</u>

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.

Connect the EUT	to the spectrum	analyser and	use the follow	ving settings:
		,		5 5

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

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

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

TEST ENVIRONMENT

Temperature	24 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

1.13. 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	$3 \text{ kHz} \le \text{RBW} \le 100 \text{ kHz}$
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 ENVIRONMENT

Temperature	24 °C	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

1.14. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

CFR 47 FCC Part15 (15.247) Subpart C			
Section Test Item Limit			
CFR 47 FCC §15.247 (d)Conducted Bandedge and Spurious Emissionsat least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power			

LIMITS

TEST PROCEDURE

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

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	≥3 × RBW
Span	1.5 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 ENVIRONMENT

	23.5℃	Relative Humidity	52.6%
Atmosphere Pressure	101kPa		

TEST RESULTS

1.15. 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 ENVIRONMENT

Temperature	24 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

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	Field Strength Limit	Field Stren	-
(MHz)	(uV/m) at 3 m	(dBuV/m) at 3 m	
		Quasi-I	Peak
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
	300	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			

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

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

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Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz. ²Above 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), 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 377Ω . 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.

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

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

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

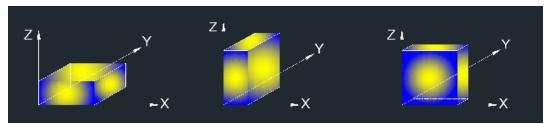
3. The EUT was placed on a turntable with 1.5 m above ground.

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

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

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

X axis, Y axis, Z axis positions:

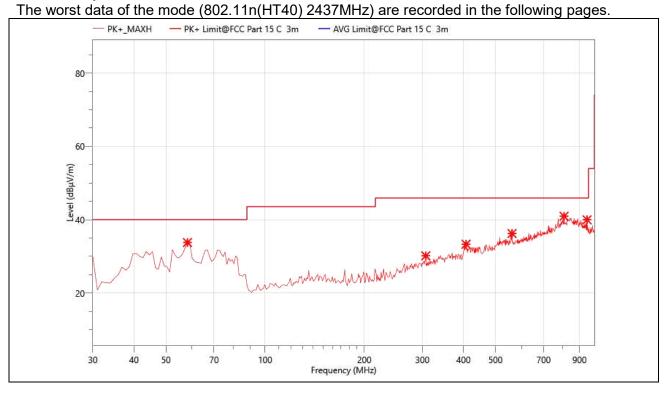


Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

TEST ENVIRONMENT

Temperature	23 °C	Relative Humidity	51%
Atmosphere Pressure	101kPa		

TEST RESULTS

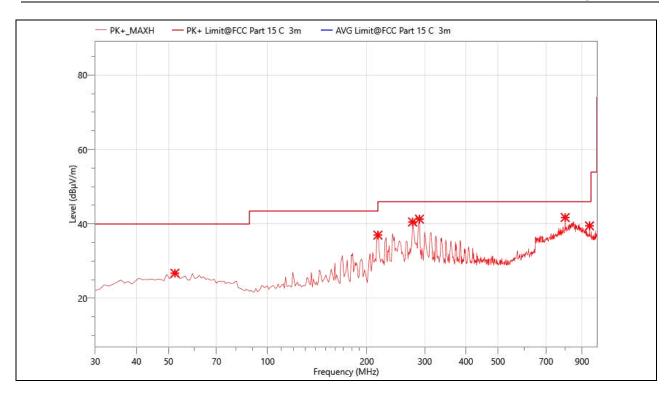


Radiated Spurious Emission :

Site:	ChamberA-2	Antenna::Vertical	Temperature(C):23.9(C)
Limit:	FCC Part 15 C 3m Radiation(QP)		Humidity(%):50.8%
EUT:	SkyView Pro Table Lamp	Test Time:	2023-08-01
M/N.:	BH-SKY2-000-CBK001-1	Power Rating:	AC 120V 60Hz
Mode:	TX2437	Test Engineer:	Rock
Note:			

No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	58.130	37.42	33.78	40.00	6.22	PK+	V	-3.64
2	307.420	30.60	30.14	46.00	15.86	PK+	V	-0.46
3	407.330	30.13	33.30	46.00	12.70	PK+	V	3.17
4	561.560	29.29	36.24	46.00	9.76	PK+	V	6.95
5	807.940	28.11	40.94	46.00	5.06	PK+	V	12.83
6	948.590	28.21	39.98	46.00	6.02	PK+	V	11.77

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Site:	ChamberA-2	Antenna::Horizontal	Temperature(C):23.9(C)
Limit:	FCC Part 15 3m Radiation(QP)		Humidity(%):50.8%
EUT:	SkyView Pro Table Lamp	Test Time:	2023-08-01
M/N.:	BH-SKY2-000-CBK001-1	Power Rating:	AC 120V 60Hz
Mode:	TX2437	Test Engineer:	Rock
Note:		5	

No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	52.310	30.13	26.75	40.00	13.25	PK+	Н	-3.38
2	216.240	41.65	37.00	46.00	9.00	PK+	Н	-4.65
3	275.410	42.11	40.52	46.00	5.48	PK+	Н	-1.59
4	288.990	42.32	41.29	46.00	4.71	PK+	Н	-1.03
5	800.180	28.84	41.71	46.00	4.29	PK+	Н	12.87
6	948.590	27.71	39.48	46.00	6.52	PK+	Н	11.77

Above 1000MHz~10th Harmonics:

All the modulation modes were tested the data of the worst mode (TX 802.11n(HT40) are recorded in the following pages and the others modulation methods do not exceed the limits. The frequency range from 1GHz to 25GHz is investigated.

Operati Test Vo	ion Mode: oltage:		Ib LowestTest Date :0V 60HzTest by:			2023-08-01 Rock	
Freq.	Ant. Pol.	Emission Le	vel(dBuV/m)	Limit 3m	(dBuV/m)	Ove	r(dB)
(MHz)	H/V	PK	AV	PK	AV	PK	AV
2360	V	64.25	44.37	74	54	-9.75	-9.63
2596	V	59.83	43.92	74	54	-14.17	-10.08
9237	V	58.13	40.39	74	54	-15.87	-13.61
13256	V	56.23	37.35	74	54	-17.77	-16.65
15897	V	55.32	36.17	74	54	-18.68	-17.83
17326	V	55.69	39.58	74	54	-18.31	-14.42
2360	Н	64.09	45.21	74	54	-9.91	-8.79
2596	Н	60.28	41.28	74	54	-13.72	-12.72
9237	Н	57.63	38.44	74	54	-16.37	-15.56
13256	Н	56.82	37.16	74	54	-17.18	-16.84
15897	Н	55.32	36.48	74	54	-18.68	-17.52
17326	Н	56.32	38.69	74	54	-17.68	-15.31

Operation Mode:
Test Voltage:

802.11b Middle AC 120V 60Hz Test Date : Test by:

2023-08-01 Rock

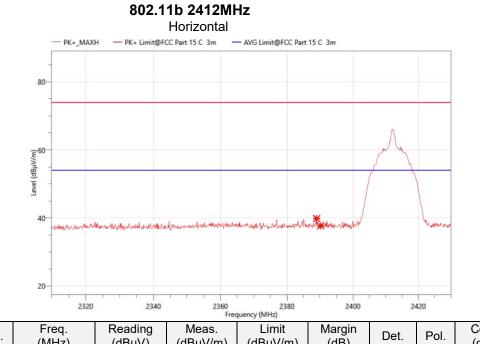
Freq.	Ant. Pol.	Emission Level(dBuV/m)		Limit 3m	(dBuV/m)	Over(dB)	
(MHz)	H/V	PK	AV	PK	AV	PK	AV
4236	V	64.2	45.16	74	54	-9.8	-8.84
5265	V	60.25	41.25	74	54	-13.75	-12.75
9823	V	58.36	39.65	74	54	-15.64	-14.35
13263	V	56.14	37.45	74	54	-17.86	-16.55
16622	V	55.62	36.85	74	54	-18.38	-17.15
17350	V	56.23	37.55	74	54	-17.77	-16.45
4236	Н	63.14	64.32	74	54	-10.86	10.32
5265	Н	61.23	42.58	74	54	-12.77	-11.42
9823	Н	59.65	41.32	74	54	-14.35	-12.68
13263	Н	58.47	40.02	74	54	-15.53	-13.98
16622	Н	56.2	37.26	74	54	-17.8	-16.74
17350	Н	56.27	38.47	74	54	-17.73	-15.53

Operation Mode:	802.11b Highest	Test Date :	2023-08-01
Test Voltage:	AC 120V 60Hz	Test by:	Rock

Freq.	Ant. Pol.	Emission Level(dBuV/m)		Limit 3m	(dBuV/m)	Over(dB)	
(MHz)	H/V	PK	AV	PK	AV	PK	AV
3507	V	62.81	42.67	74	54	-11.19	-11.33
4692	V	59.63	40.2	74	54	-14.37	-13.8
7963	V	58.47	40.25	74	54	-15.53	-13.75
11206	V	59.3	40.55	74	54	-14.7	-13.45
13265	V	56.25	37.16	74	54	-17.75	-16.84
16873	V	56.39	37.45	74	54	-17.61	-16.55
3507	Н	63.52	43.69	74	54	-10.48	-10.31
4692	Н	60.23	41.36	74	54	-13.77	-12.64
7963	Н	59.36	40.21	74	54	-14.64	-13.79
11206	Н	58.32	39.14	74	54	-15.68	-14.86
13265	Н	56.74	37.26	74	54	-17.26	-16.74
16873	Н	56.36	37.15	74	54	-17.64	-16.85

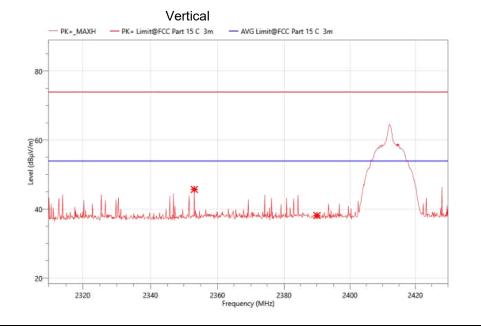
No others harmonics emissions are higher than 20 dB below the limits of 47 CFR Part 15.247.

- Note: (1) All Readings are Peak Value and AV.(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
 - (3) Data of measurement within this frequency range shown "-" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

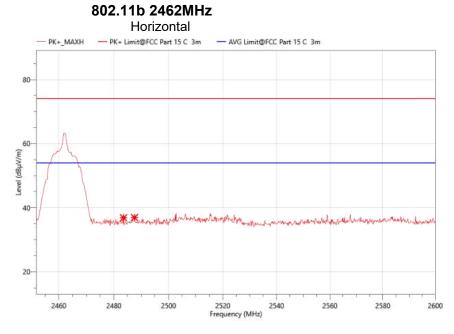


Band edge:

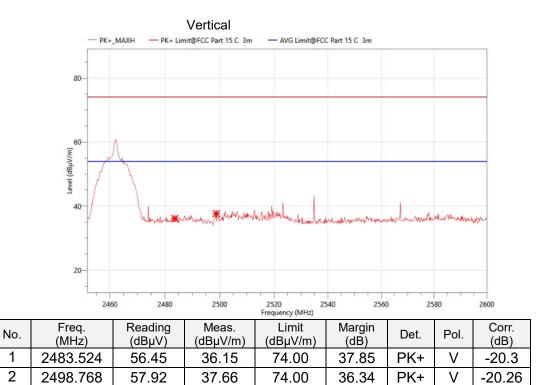
No.Freq.ReadingMeas.LimitMarginDet.Pol.(MHz)(dBuV)(dBuV/m)(dBuV/m)(dB)Det.Pol.	-
(MH_{7}) $(dB_{11})/(dB_{11})/(m) = (dB_{11})/(m) = (dB_{11})/(m)$	Corr.
	(dB)
1 2388.960 60.54 39.81 74.00 34.19 PK+ H	-20.73
2 2390.160 58.43 37.70 74.00 36.30 PK+ H	-20.73



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2353.080	66.52	45.76	74.00	28.24	PK+	V	-20.76
2	2390.000	58.91	38.18	74.00	35.82	PK+	V	-20.73



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.	Corr. (dB)
1	2483.524	57.13	36.83	74.00	37.17	PK+	Н	-20.3
2	2487.520	57.19	36.91	74.00	37.09	PK+	Н	-20.28



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

Pass

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

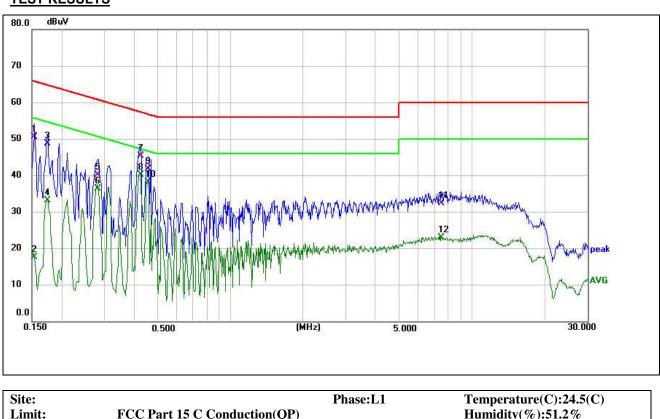
TEST PROCEDURE

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 ENVIRONMENT

Temperature	23.5℃	Relative Humidity	52.6%
Atmosphere Pressure	101kPa		

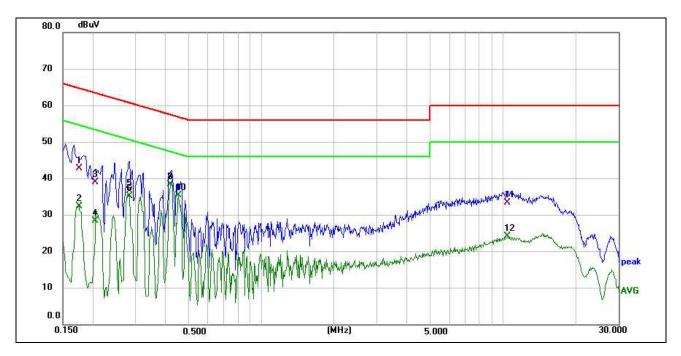


TEST RESULTS

Site: Limit: EUT: M/N.: Mode: Note:

FCC Part 15 C Conduction(QP) SkyView Pro Table Lamp BH-SKY2-000-CBK001-1 2.4G WIFI mode Test Time: Power Rating: Test Engineer: Temperature(C):24.5(C Humidity(%):51.2% 2023-07-26 AC 120V 60Hz Rock

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure- ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1539	40.81	9.84	50.65	65.79	-15.14	QP	
2	0.1539	7.85	9.84	17.69	55.79	-38.10	AVG	
3	0.1740	38.87	9.88	48.75	64.77	-16.02	QP	
4	0.1740	23.28	9.88	33.16	54.77	-21.61	AVG	
5	0.2819	30.01	10.12	40.13	60.76	-20.63	QP	
6	0.2819	26.25	10.12	36.37	50.76	-14.39	AVG	
7	0.4220	34.91	10.41	45.32	57.41	-12.09	QP	
8 *	0.4220	29.84	10.41	40.25	47.41	-7.16	AVG	
9	0.4540	31.42	10.47	41.89	56.80	-14.91	QP	
10	0.4540	27.75	10.47	38.22	46.80	-8.58	AVG	
11	7.4780	22.66	9.81	32.47	60.00	-27.53	QP	
12	7.4780	13.29	9.81	23.10	50.00	-26.90	AVG	



Site:		Phase:N	Temperature(C):24.5(C)
Limit:	FCC Part 15 C Conduction(QP)		Humidity(%):51.2%
EUT:	SkyView Pro Table Lamp	Test Time:	2023-07-26
M/N.:	BH-SKY2-000-CBK001-1	Power Rating:	AC 120V 60Hz
Mode: Note:	2.4G WIFI mode	Test Engineer:	Rock

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure- ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector	Comment
1	0.1741	32.96	9.89	42.85	64.76	-21.91	QP	
2	0.1741	22.49	9.89	32.38	54.76	-22.38	AVG	
3	0.2053	28.98	9.98	38.96	63.39	-24.43	QP	
4	0.2053	18.44	9.98	28.42	53.39	-24.97	AVG	
5	0.2821	26.51	10.12	36.63	60.75	-24.12	QP	
6	0.2821	25.06	10.12	35.18	50.75	-15.57	AVG	
7	0.4191	28.05	10.40	38.45	57.47	-19.02	QP	
8 *	0.4191	28.08	10.40	38.48	47.47	-8.99	AVG	
9	0.4516	24.95	10.47	35.42	56.85	-21.43	QP	
10	0.4516	24.98	10.47	35.45	46.85	-11.40	AVG	
11	10.4819	23.46	9.95	33.41	60.00	-26.59	QP	
12	10.4819	14.19	9.95	24.14	50.00	-25.86	AVG	

Note: 1. Result = Reading + Correct Factor.

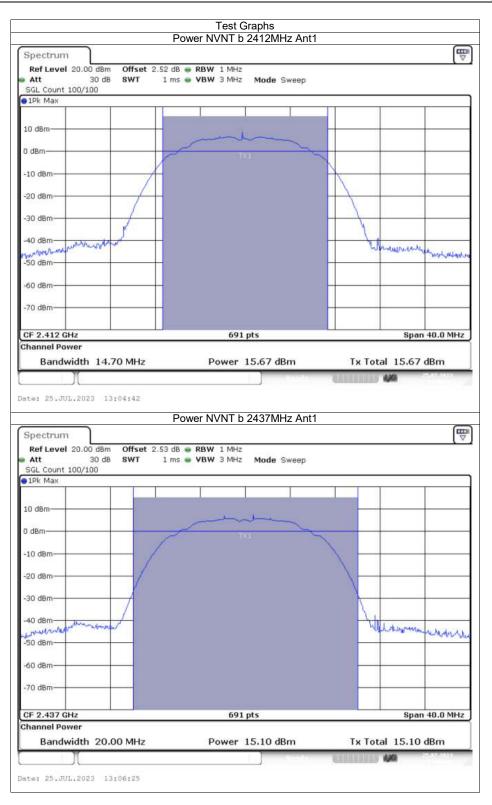
- 2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
- 4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

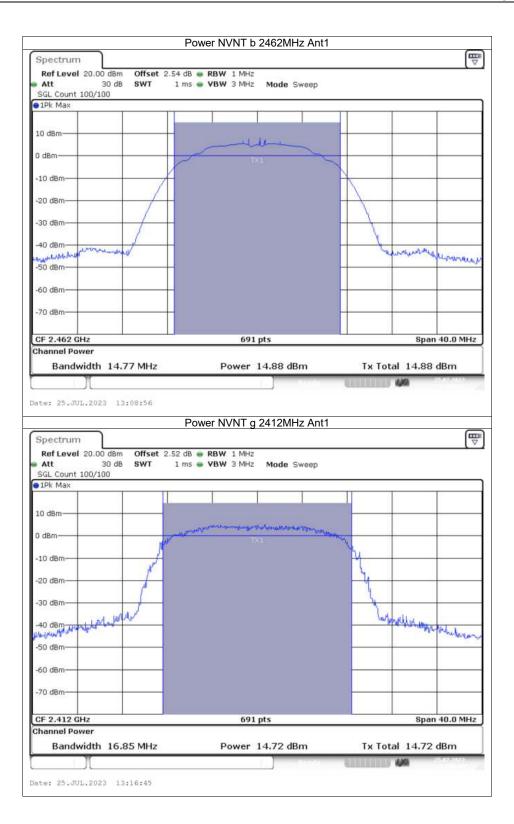
Note: All the modes have been tested, only the worst data was recorded in the report.

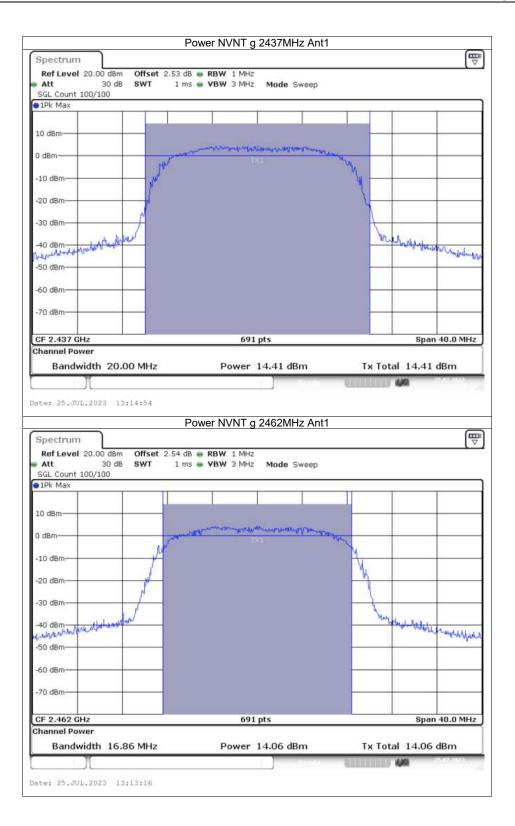
TEST DATA

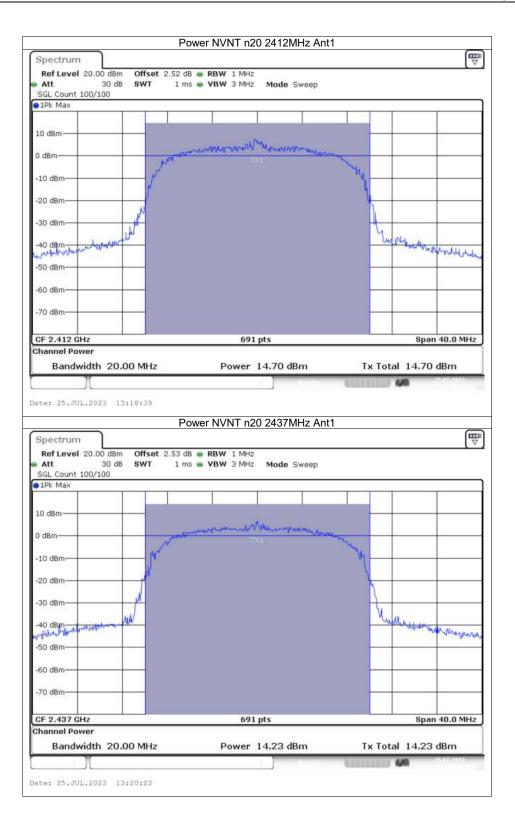
Maximum Conducted Output Power

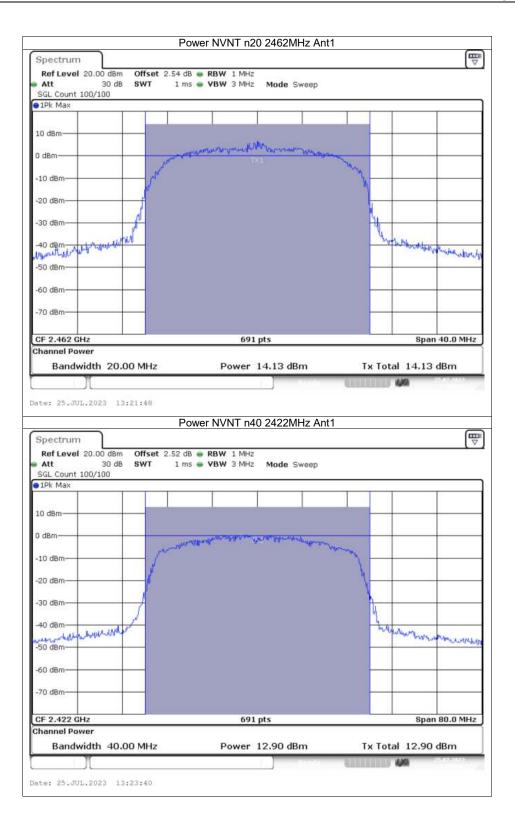
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	13.47	0	15.67	30	Pass
NVNT	b	2437	Ant1	12.9	0	15.1	30	Pass
NVNT	b	2462	Ant1	12.68	0	14.88	30	Pass
NVNT	g	2412	Ant1	12.52	0	14.72	30	Pass
NVNT	g	2437	Ant1	12.21	0	14.41	30	Pass
NVNT	g	2462	Ant1	11.86	0	14.06	30	Pass
NVNT	n20	2412	Ant1	12.5	0	14.7	30	Pass
NVNT	n20	2437	Ant1	12.03	0	14.23	30	Pass
NVNT	n20	2462	Ant1	11.93	0	14.13	30	Pass
NVNT	n40	2422	Ant1	10.7	0	12.9	30	Pass
NVNT	n40	2437	Ant1	10.52	0	12.72	30	Pass
NVNT	n40	2452	Ant1	10.57	0	12.77	30	Pass

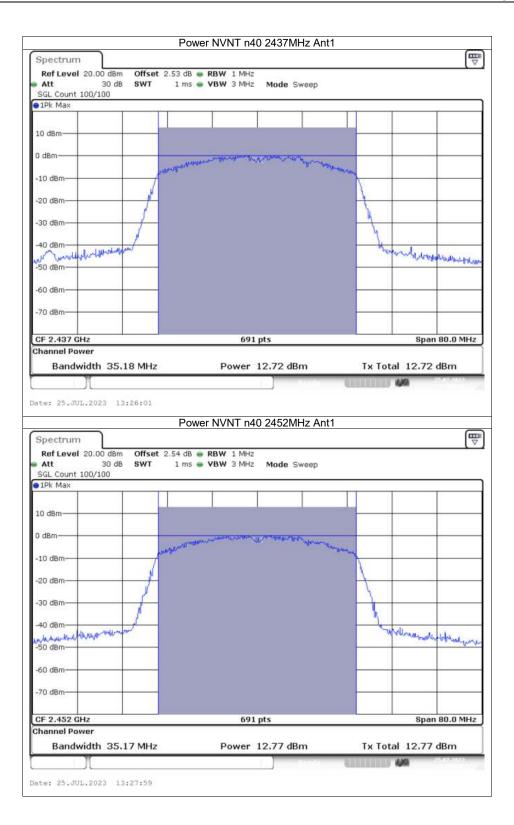






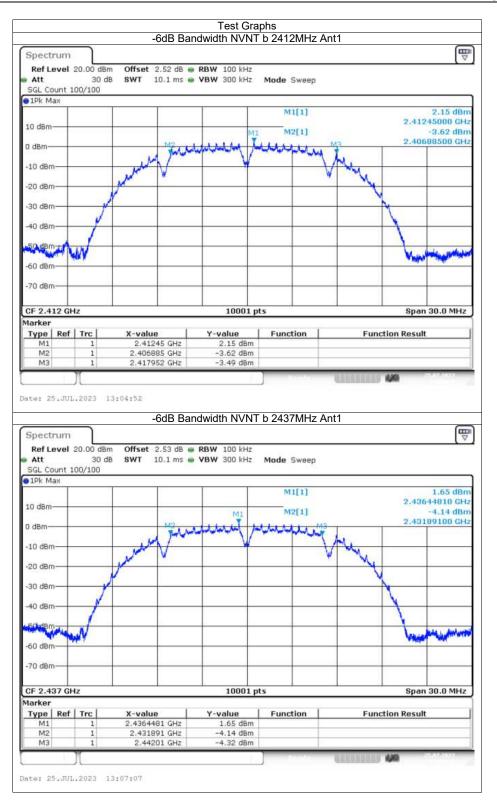


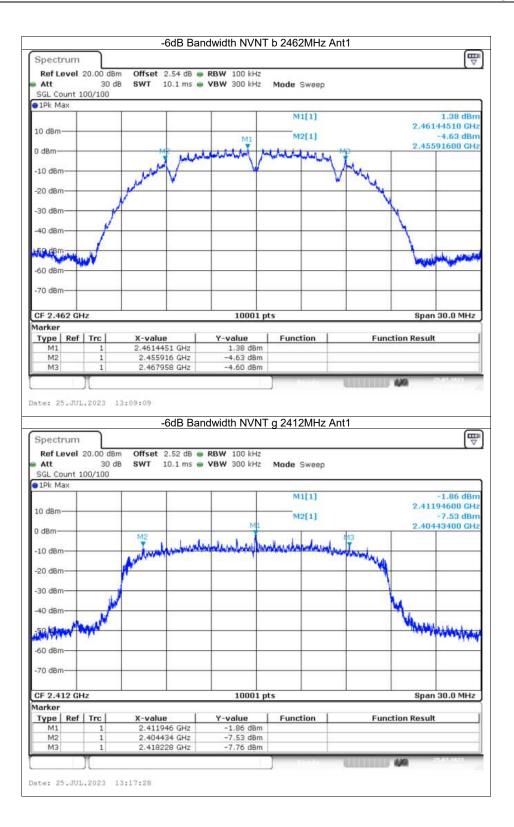


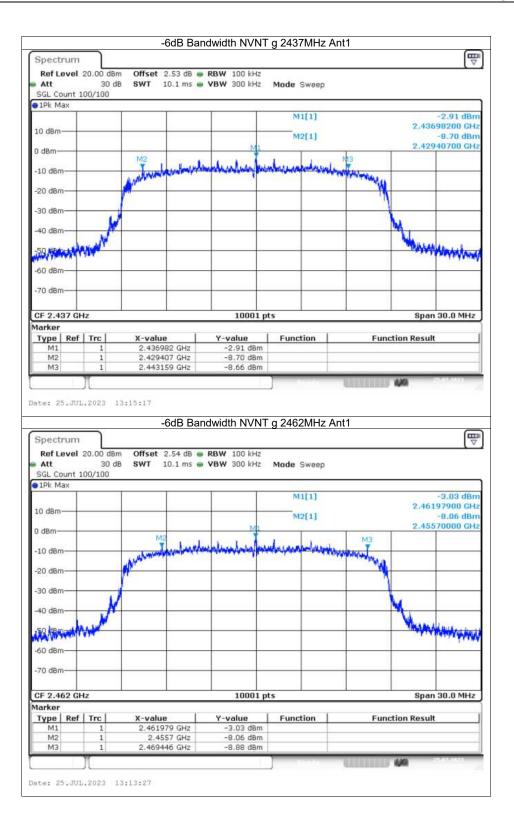


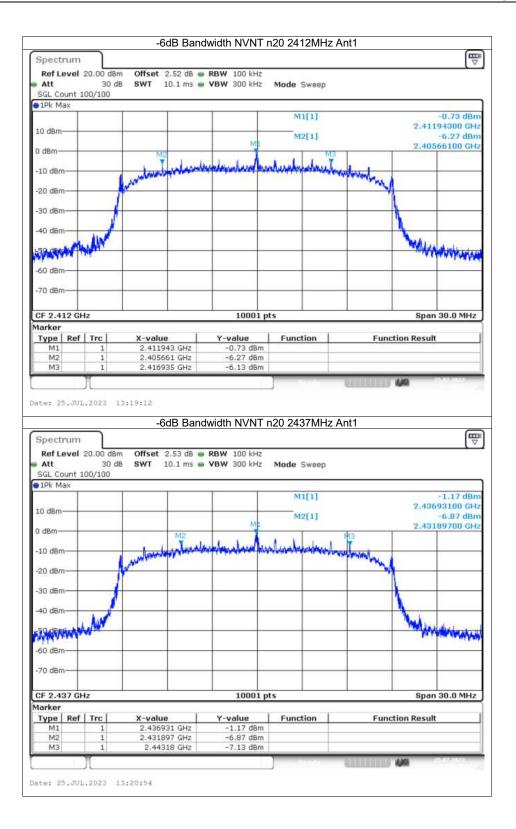
-6dB Bandwidth

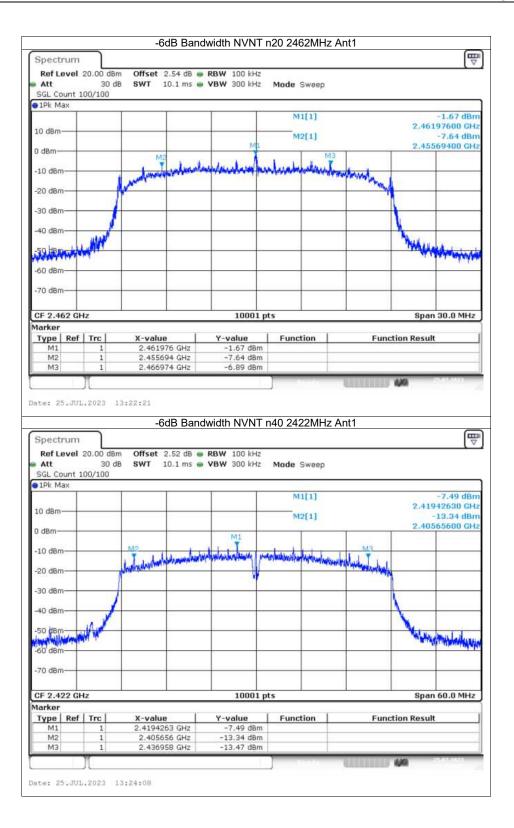
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	11.067	0.5	Pass
NVNT	b	2437	Ant1	10.119	0.5	Pass
NVNT	b	2462	Ant1	12.042	0.5	Pass
NVNT	g	2412	Ant1	13.794	0.5	Pass
NVNT	g	2437	Ant1	13.752	0.5	Pass
NVNT	g	2462	Ant1	13.746	0.5	Pass
NVNT	n20	2412	Ant1	11.274	0.5	Pass
NVNT	n20	2437	Ant1	11.283	0.5	Pass
NVNT	n20	2462	Ant1	11.28	0.5	Pass
NVNT	n40	2422	Ant1	31.302	0.5	Pass
NVNT	n40	2437	Ant1	31.308	0.5	Pass
NVNT	n40	2452	Ant1	31.26	0.5	Pass

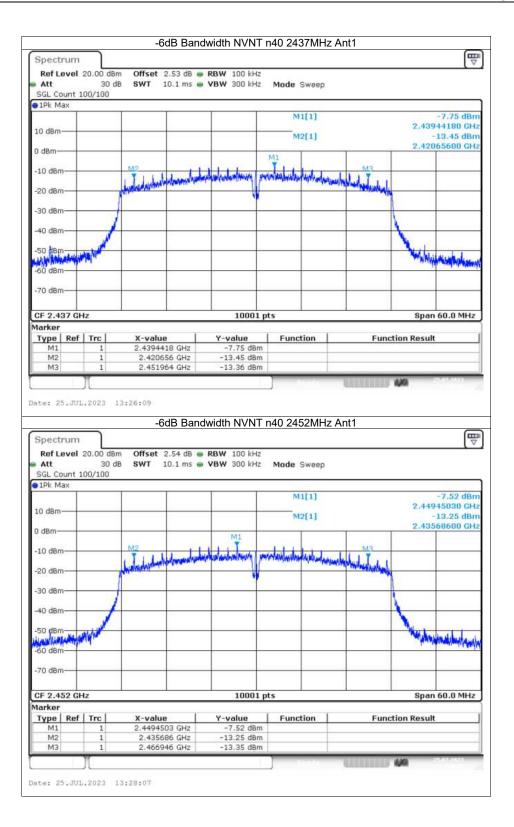












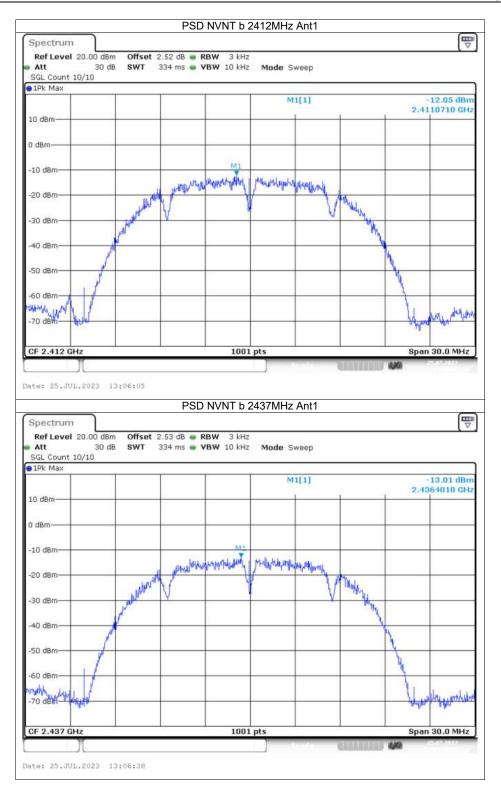
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-12.05	0	-12.05	8	Pass
NVNT	b	2437	Ant1	-13.01	0	-13.01	8	Pass
NVNT	b	2462	Ant1	-12.87	0	-12.87	8	Pass
NVNT	g	2412	Ant1	-10.54	0	-10.54	8	Pass
NVNT	g	2437	Ant1	-11.05	0	-11.05	8	Pass
NVNT	g	2462	Ant1	-11.34	0	-11.34	8	Pass
NVNT	n20	2412	Ant1	-10.02	0	-10.02	8	Pass
NVNT	n20	2437	Ant1	-10.38	0	-10.38	8	Pass
NVNT	n20	2462	Ant1	-10.63	0	-10.63	8	Pass
NVNT	n40	2422	Ant1	-11.39	0	-11.39	8	Pass
NVNT	n40	2437	Ant1	-11.08	0	-11.08	8	Pass
NVNT	n40	2452	Ant1	-11.03	0	-11.03	8	Pass

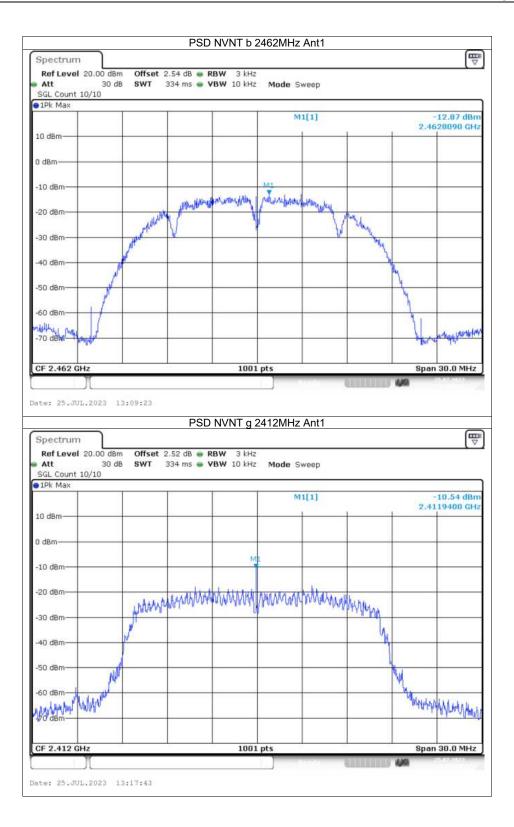
Maximum Power Spectral Density Level

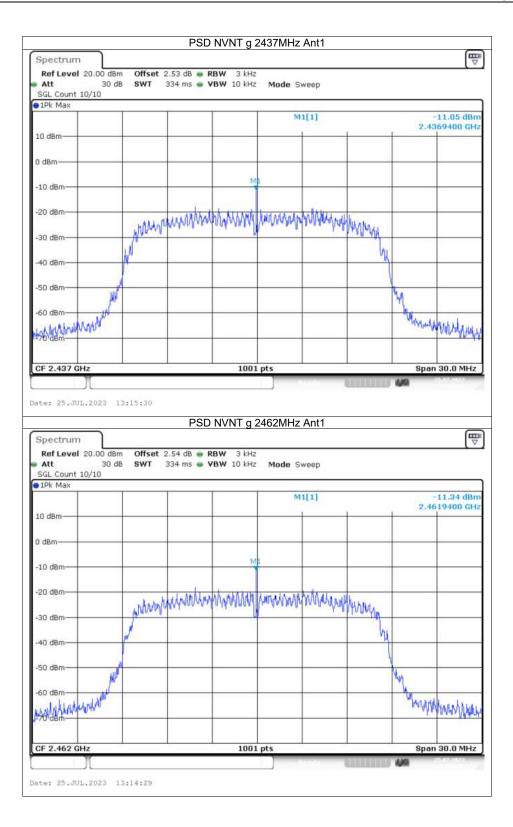
Test Graphs

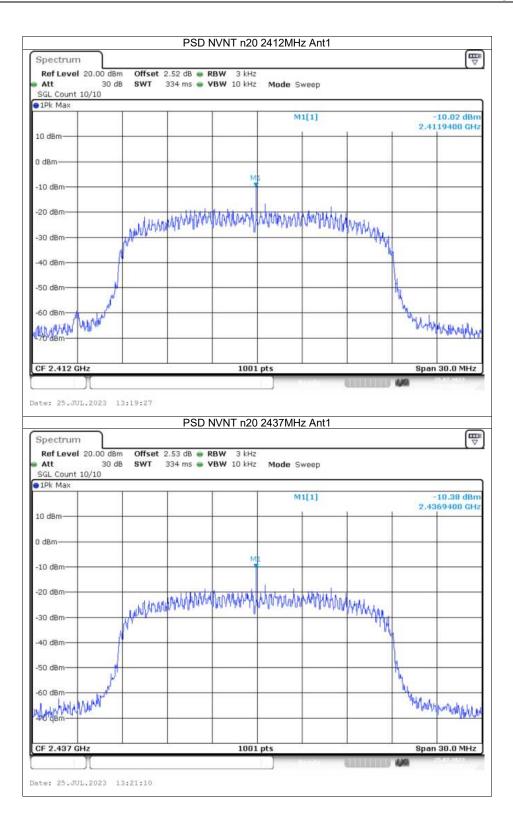
TRF No.: 04-R001-3A-WIFI

Global Testing , Great Quality.









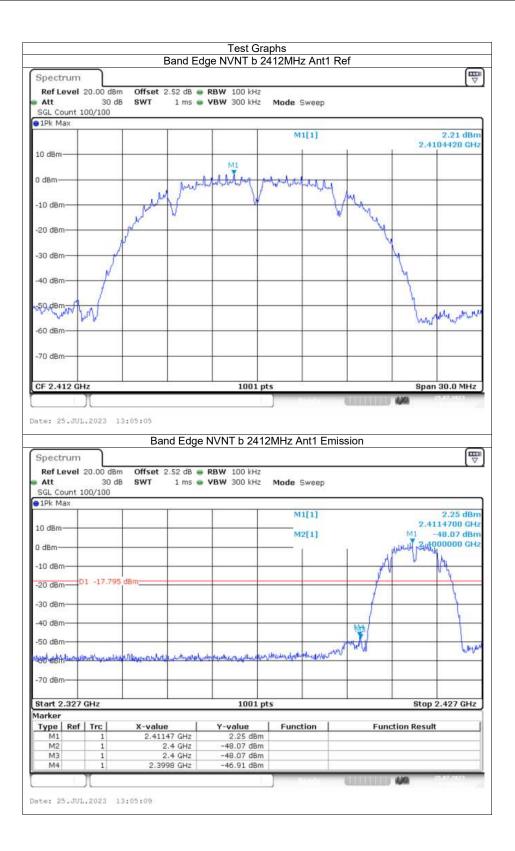
		FODIN	√NT n20 246				
Spectrum							
Ref Level 20.0	0 dBm Offset	2.54 dB 🖷 RB 334 ms 🖷 VB		ada Swaan			-
SGL Count 10/10		334 ms 🖷 🖬	W 10 KH2 W	ode Sweep			
1Pk Max	-		Ĩ				10.00 10
				M1[1]			10.63 dBr 19400 GH
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0 dBm							
U UBIII							
-10 dBm		-	MI				
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Herald Market						and the fill	HINAHALAN L
-yeidem							harmony
CF 2.462 GHz		- 24 - 24	1001 pts			Span	30.0 MHz
ate: 25.JUL.20	23 13:23:20				COLUMN 100 1		
ats: 25.JUL.20	23 13:23:20		(h)T = 40.044		Contraction .		
	23 13:23:20	PSD N	VNT n40 242	22MHz Ant1			G
Spectrum	1			22MHz Ant1			
Spectrum Ref Level 20.0	0 dBm Offset 30 dB SWT	PSD N t 2.52 dB • RB 667 ms • VB	W 3 kHz	22MHz Ant1			
Spectrum Ref Level 20.0 Att SGL Count 10/10	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	- V - EI			Ţ
Spectrum Ref Level 20.0	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	ode Sweep			
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	- V - EI			11.39 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz W 10 kHz M	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att 5GL SGL Count 10/10 IPk Max 10 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep			11.39 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max O dBm -10 dBm -20 dBm -30 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 🖷 RB	W 3 kHz W 10 kHz M	ode Sweep			11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max O dBm -10 dBm -20 dBm -30 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep	And Department		11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep	a but yere a place pe		11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm10 dBm30 dBm50	0 dBm Offset 30 dB SWT	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep	Manal Man Manal Manal Mana		11.39 dB
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	O dBm Offset	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep		2.42	11.39 dB 19400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	O dBm Offset	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep		2.42	11.39 dB 19400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	O dBm Offset	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep		2.42	11.39 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max ID dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm	O dBm Offset	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz M W 10 kHz M	ode Sweep		2.42	11.39 dBr 19400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm	O dBm Offset	t 2.52 dB 👄 RB 667 ms 👄 VB	W 3 kHz W 10 kHz M	ode Sweep		2.42	11.39 dBr 19400 GH

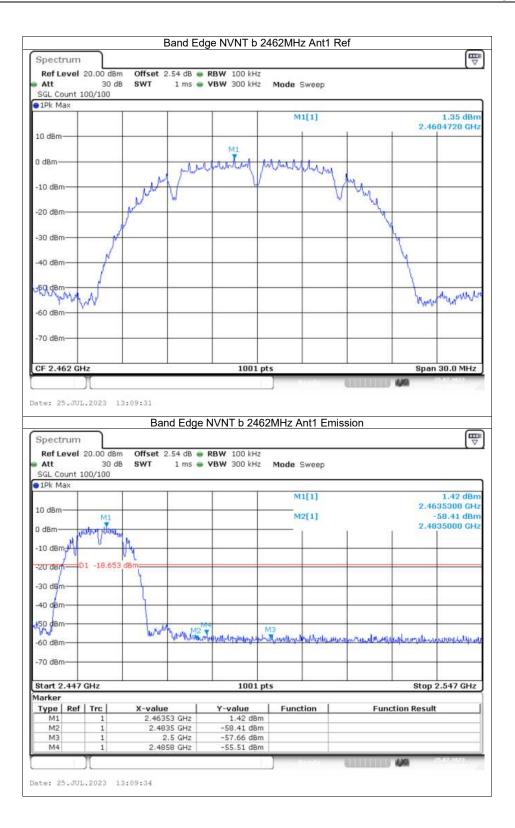
			VNT n40 24				
Spectrum							
Ref Level 20.0 Att	0 dBm Offset 30 dB SWT	2.53 dB 🖷 R 667 ms 🖷 V		Mode Sweep			
SGL Count 10/10							
1Pk Max				M1[1]			-11.08 dBr
				(mala)		2.4	369400 GH
10 dBm							
0 dBm							
-10 dBm		-	ML				
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-20 dBm-		1	taranati a	and the formation of the	N		
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50.0011	J.					4	
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mp Hother way of what						Hale	4. Hubphalla
Made ARISH AND							the share of the
CF 2.437 GHz			1001 pt	5	- 245 - 245	Spa	n 60.0 MHz
	23 13:27:21	PSD		452MHz Ant1	(TRUTHIN)	440	
ate: 25.JUL.202	23 13:27:21	PSD1) 452MHz Ant1		4)G	Ē
Spectrum	1		NVNT n40 24	452MHz Ant1		440	Ţ
Spectrum Ref Level 20.0	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	2.5 - 5		W0	
Spectrum Ref Level 20.0 Att SGL Count 10/10	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	2.5 - 5		40	
Spectrum Ref Level 20.0	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	2.5 - 5		40	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm- 0 dBm-	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	0 dBm Offset 30 dB SWT	2.54 dB 🖷 🖡	NVNT n40 24 RBW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm- 0 dBm-	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr 519400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm -10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		2.4	-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 SGL Count 10/10 10 10 dBm 0 0 0 -10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep			-11.03 dBr
Spectrum Ref Level 20.0 Att SGL Count 10/10 SGL Count 10/10 10 10 dBm 0 0 0 -10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep			-11.03 dBr 519400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep			-11.03 dBr 519400 GH
Spectrum Ref Level 20.0 Att SGL Count 10/10 SGL Count 10/10 10 10 dBm 0 0 0 -10 dBm	O dBm Offset 30 dB SWT	2.54 dB • F 667 ms • V	NVNT n40 24 BW 3 kHz /BW 10 kHz	Mode Sweep		L. Mar	-11.03 dBr

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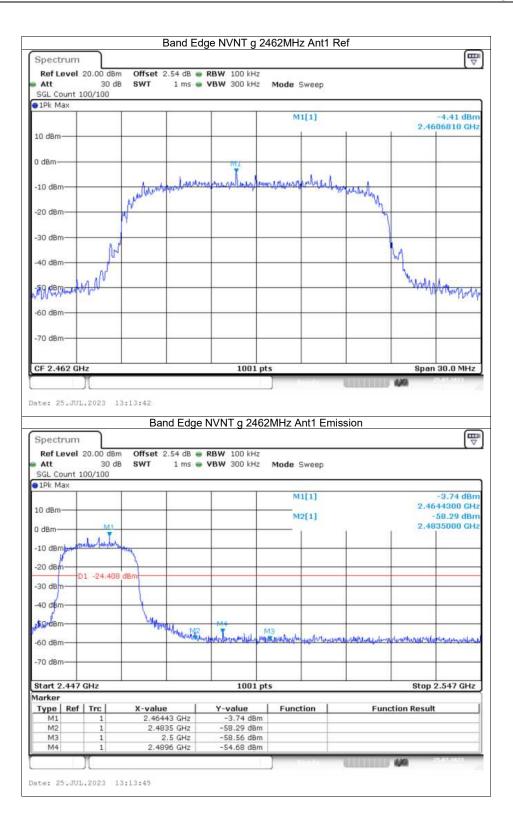
Band Edge

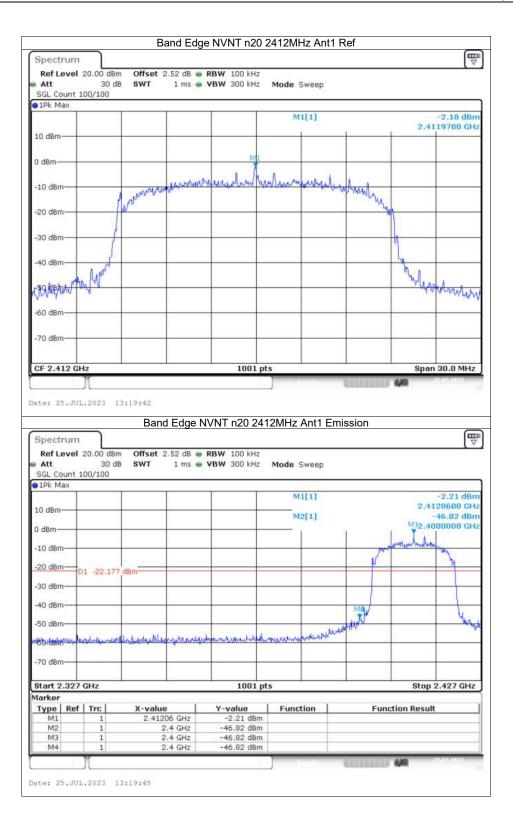
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.12	-20	Pass
NVNT	b	2462	Ant1	-56.85	-20	Pass
NVNT	g	2412	Ant1	-42.17	-20	Pass
NVNT	g	2462	Ant1	-50.27	-20	Pass
NVNT	n20	2412	Ant1	-44.64	-20	Pass
NVNT	n20	2462	Ant1	-53.93	-20	Pass
NVNT	n40	2422	Ant1	-37.55	-20	Pass
NVNT	n40	2452	Ant1	-46.01	-20	Pass

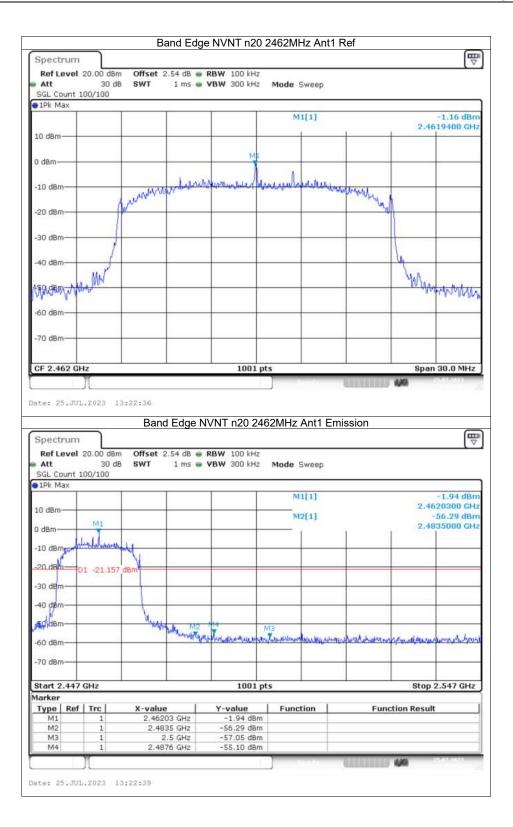




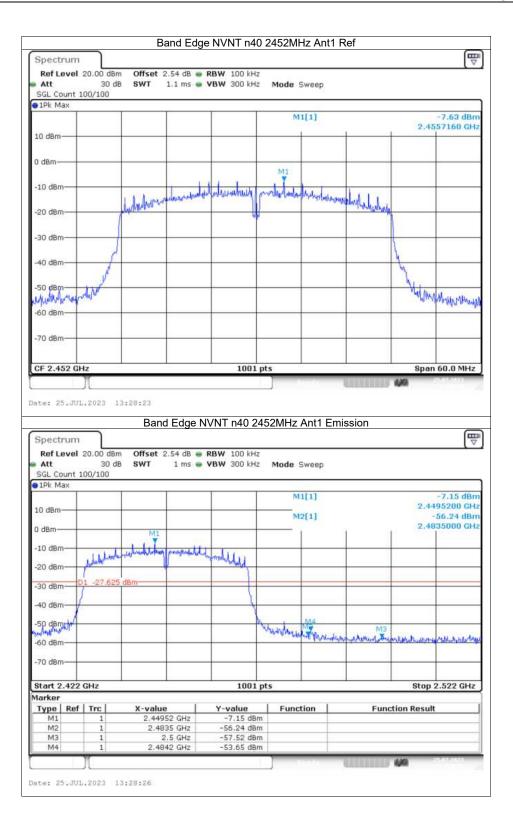
Spectrum		0		chivini g Z	412MHz Ant1			
	20.00 dBr	n Offset 2.	52 dB 🥃 R	BW 100 kHz				
Att	30 d	B SWT	1 ms 🖷 V	/BW 300 kHz	Mode Sweep			
SGL Count 1Pk Max	100/100							
					M1[1]			3.91 dBr
LO dBm						1	2.413	1990 GH
) dBm					M1			
		1		J. i. Later	A sure land	Å		
10 dBm-			harver	nhinhurghes	A MANAGAMAN CONTR	burnenny		
20 d8m-		M				w		
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SO HAL	TI Aar						March	United
So Hanpar	0-0							A WAR
60 dBm			-					
70 dBm								
CF 2.412 G	Hz	d is		1001 pt	s	22	Span 3	0.0 MHz
te: 25.JU	L.2023 1		d Edge N	IVNT q 2412	2MHz Ant1 Ei	mission		
te: 25.JU	_		d Edge N	IVNT g 2412	2MHz Ant1 E	mission		Ē
Spectrum	_	Ban		IVNT g 2412	2MHz Ant1 Ei	mission		
Spectrum Ref Level Att	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚		2MHz Ant1 El Mode Sweep	mission		7
Spectrum Ref Level	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz		mission		
Spectrum Ref Level Att SGL Count	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz		mission		3,69 dBr
Spectrum Ref Level Att SGL Count	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep	mission	2.413	3.69 dBr 2600 GH
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep	mission	2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep	mission	2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm	20.00 dBr 30 d	Ban n Offset 2.	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep		2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	20.00 dBr 30 d	Ban offset 2. 8 SWT	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep		2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	20.00 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep		2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count)1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	20.00 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB 🖷 🛚	BW 100 kHz	Mode Sweep		2.413	3,69 dBr 2600 GH 6.16 dBr
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm	0 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 28W 300 kHz	Mode Sweep M1[1] M2[1]	Mis (2.413	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm	0 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 28W 300 kHz	Mode Sweep M1[1] M2[1]	Mis (2.413	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm	0 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 78W 300 kHz	Mode Sweep M1[1] M2[1]	Mis (2.413	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm	0 dBr 30 d 100/100	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 78W 300 kHz	Mode Sweep	Mis (2.413	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 20 dBm 50 dBm 50 dBm 50 dBm 70 dBm	0 dBr 30 d 100/100 D1 -23.90	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 28W 300 kHz	Mode Sweep M1[1] M2[1]	Mis (2.413 -4 M2.400	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 11Pk Max 10 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm	0 dBr 30 d 100/100 D1 -23.90	Ban offset 2. 8 SWT	52 dB R 1 ms V	28W 100 kHz 78W 300 kHz	Mode Sweep M1[1] M2[1]	Mis (2.413 -4 M2.400	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm Stort 2.322 Type Rel	20.00 dBr 30 d 100/100 01 -23.901 uurdulushp 7 GHz F Trc	Ban	52 dB P R 1 ms V	28W 100 kHz /8W 300 kHz ////////////////////////////////////	Mode Sweep M1[1] M2[1]	and a start of the	2.413 -4 M2.400	3.69 dBr 2600 CH 6.16 dBr 0000 CH
Spectrum Ref Level Att SGL Count 10 IPK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm Start 2.32	20.00 dBr 30 d 100/100 D1 -23.901	Ban	52 dB P R 1 ms V	28W 100 kHz /BW 300 kHz	Mode Sweep M1[1] M2[1] 	and a start of the	2.413 -4 M2.400 	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 IPK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 40 dBm 50 dBm 30 dBm 40 dBm 50 dBm 30 dBm 40 dBm 50 dBm 30 dBm 40 dBm 50 dBm 70 dBm Start 2.32 Tarker Type M1 M2	20.00 dBr 30 d 100/100 D1 -23.901 aurelulucty 7 GHz F Trc 1 1 1	Ban n Offset 2. 8 SWT dBm dBm dBm control of the second sec	52 dB • R 1 ms • V 	28W 100 kHz /BW 300 kHz //BW	Mode Sweep M1[1] M2[1] 	and a start of the	2.413 -4 M2.400 	3.69 dBr 2600 GH 6.16 dBr 0000 GH
Spectrum Ref Level Att SGL Count 10 PR Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 40 dBm 50 dBm 50 dBm 60 dBm 70 dBm Start 2.327 larker Type Ret M1 M2	20.00 dBr 30 d 100/100 D1 -23.907	Ban n Offset 2. 8 SWT dBm dBm dBm dBm x-value 2.4132 2.	52 dB • R 1 ms • V 	28 W 100 kHz /8 W 300 kHz /8	Mode Sweep M1[1] M2[1] 	and a start of the	2.413 -4 M2.400 	3.69 dBr 2600 CH 6.16 dBr 0000 CH





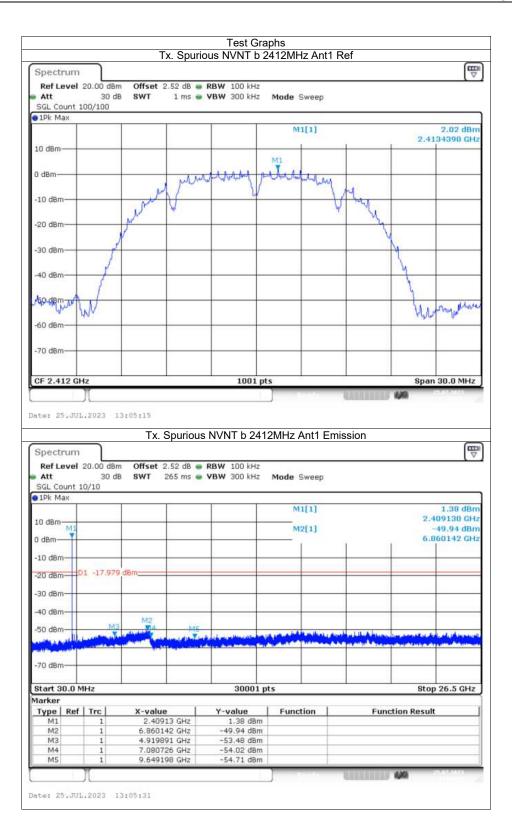


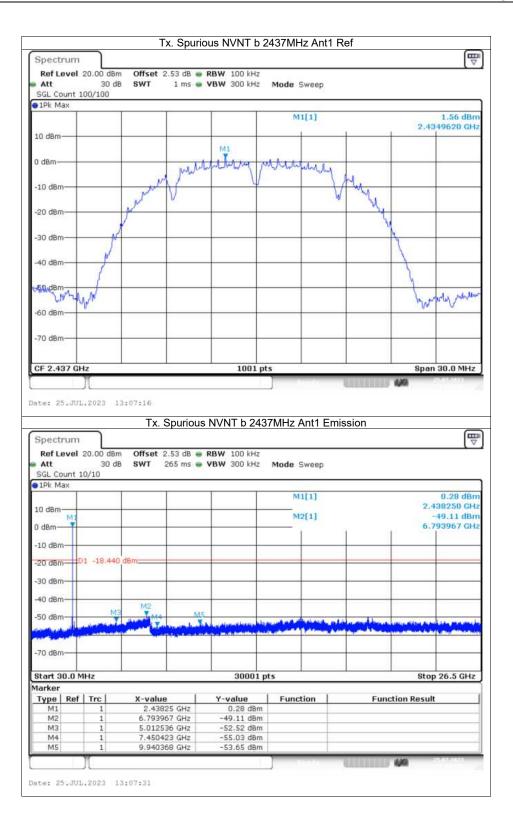


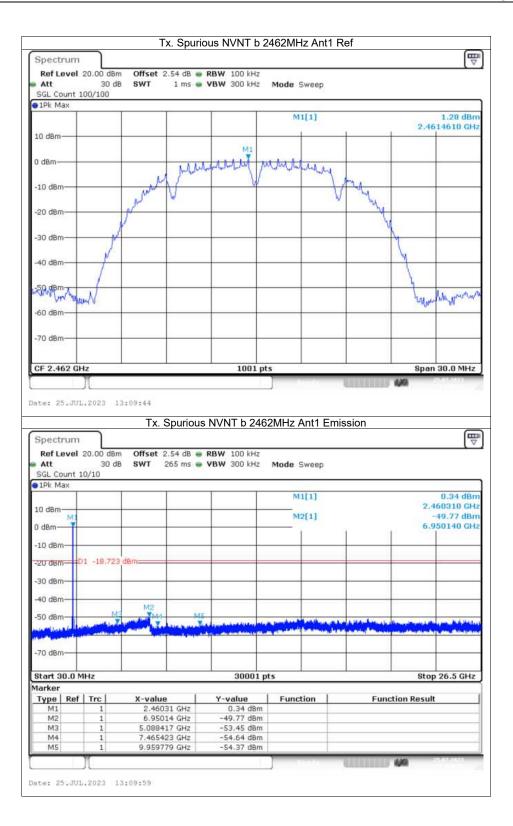


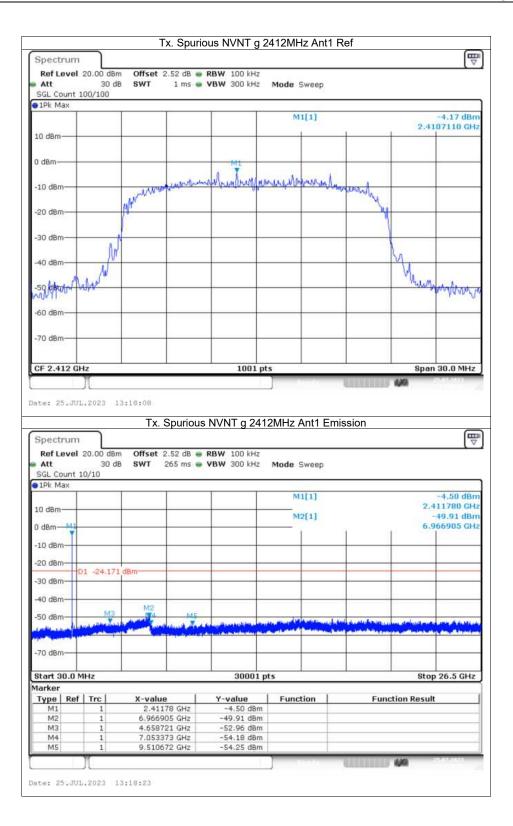
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.95	-20	Pass
NVNT	b	2437	Ant1	-50.66	-20	Pass
NVNT	b	2462	Ant1	-51.04	-20	Pass
NVNT	g	2412	Ant1	-45.74	-20	Pass
NVNT	g	2437	Ant1	-46.35	-20	Pass
NVNT	g	2462	Ant1	-44.92	-20	Pass
NVNT	n20	2412	Ant1	-48.31	-20	Pass
NVNT	n20	2437	Ant1	-48.22	-20	Pass
NVNT	n20	2462	Ant1	-47.69	-20	Pass
NVNT	n40	2422	Ant1	-42.44	-20	Pass
NVNT	n40	2437	Ant1	-42.37	-20	Pass
NVNT	n40	2452	Ant1	-42.07	-20	Pass









Spectrum				us NVNT g 2	2437 1011 1	2701011			Ē
Ref Level	20.00 dBm	Offset 2.	53 dB 曼 R	BW 100 kHz					1
Att SGL Count 1	30 dB	SWT	1 ms 🖷 V	/BW 300 kHz	Mode S	weep			
1Pk Max	.00/100								
					MI	[1]		1.00	-3.74 dB
10 dBm								2.9	4394280 GH
0.046.56.0004									
) dBm					M1		-		-
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70 dBm									-
F 2.437 GH	-lz	2		1001 p	ts		3 <u></u>	Spa	an 30.0 MHz
	_	Tx. S	purious I	NVNT g 243	87MHz A	nt1 Em	lission		G
Spectrum Ref Level	20.00 dBm	100		NVNT g 243	37MHz A	nt1 Em	ission		
Ref Level Att	30 dB	Offset 2.	53 dB 🖶 R		Mode S		ission		
Ref Level Att SGL Count 1	30 dB	Offset 2.	53 dB 🖶 R	BW 100 kHz	Mode S	weep	ission		
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.	53 dB 🖶 R	BW 100 kHz	Mode S		ission	2	-7.08 dBi
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.	53 dB 🖶 R	BW 100 kHz	Mode S	weep	ission		-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.	53 dB 🖶 R	BW 100 kHz	Mode S	weep	lission		-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 1Pk Max	30 dB	Offset 2.	53 dB 🖶 R	BW 100 kHz	Mode S	weep			-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 10 dBm 20 dBm	30 dB	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep			-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1)1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm	30 dB	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep			-7.08 dBi .430310 GH -50.10 dBi .934258 GH
Ref Level Att SGL Count 1 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm	30 dB	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep			-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 dB	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep			-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 11Pk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep		6	-7.08 dBi -430310 GH -50.10 dBi .934258 GH
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep		6	-7.08 dBi 430310 GF -50.10 dBi
Ref Level Att SGL Count 1 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep		6	-7.08 dBi -430310 GH -50.10 dBi .934258 GH
Ref Level Att SGL Count 1 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB 🖶 R	2BW 100 kHz /BW 300 kHz	Mode S	weep		(1943-1944)	-7.08 dBi .430310 GH -50.10 dBi .934258 GH
Ref Level Att SGL Count 1 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm 70 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB 🖶 R	BW 100 kHz	Mode S	weep		(1943-1944)	-7.08 dBi -430310 GH -50.10 dBi .934258 GH
Ref Level Att SGL Count 1 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 40 dBm 50 dBm	30 dB 10/10	Offset 2.1 SWT 26	53 dB • R 55 ms • V M5	28W 100 kHz /BW 300 kHz	Mode S	weep [1] [1]		(1943-1944)	-7.08 dBa 2.430310 GH
Ref Level Att SGL Count 1 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm Start 30.0 M Type Ref	30 dB 10/10	Offset 2.1 SWT 26	53 dB • R 55 ms • V	28W 100 kHz /BW 300 kHz /BW 3	Mode S	weep [1] [1]		Stu	-7.08 dBa 2.430310 GH
Ref Level Att SGL Count 1 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm 70 dBm 50 dBm 70 dBm 8tart 30.0 M larker Type Ref M1 M2	30 dB 10/10	Offset 2.1 SWT 26	S3 dB R N	2000 tHz 2000 kHz 2000 k	Mode S	weep [1] [1]		Stu	-7.08 dBa 2.430310 GH
Att SGL Count 1 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 20 dBm 20 dBm 40 dBm 50 dBm 50 dBm 50 dBm 70 dBm 8tart 30.0 N 10 dBm 11 dBm 12 dBm 12 dBm 12 dBm 13 dBm 14 dBm 14 dBm 15 dBm 14 dBm 15 dBm 15 dBm 15 dBm 16 dBm 17 dBm 17 dBm 18 dBm 19 dBm 10 dB	30 dB 10/10	Offset 2.1 SWT 26	GHz GHz GHz GHz GHz GHz	28W 100 kHz /BW 300 kHz /BW 42 /BW 42	Mode S	weep [1] [1]		Stu	-7.08 dBa 2.430310 GH
Ref Level Att SGL Count 1 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 40 dBm 50 dBm 50 dBm 50 dBm 40 dBm 50 dBm 50 dBm 50 dBm 40 dBm 50 dB	30 dB 10/10	Offset 2.1 SWT 26	GHz GHz GHz GHz GHz GHz	28W 100 kHz /BW 300 kHz /BW 300 kHz ////////////////////////////////////	Mode S	weep [1] [1]		Str	-7.08 dBa 2.430310 GH

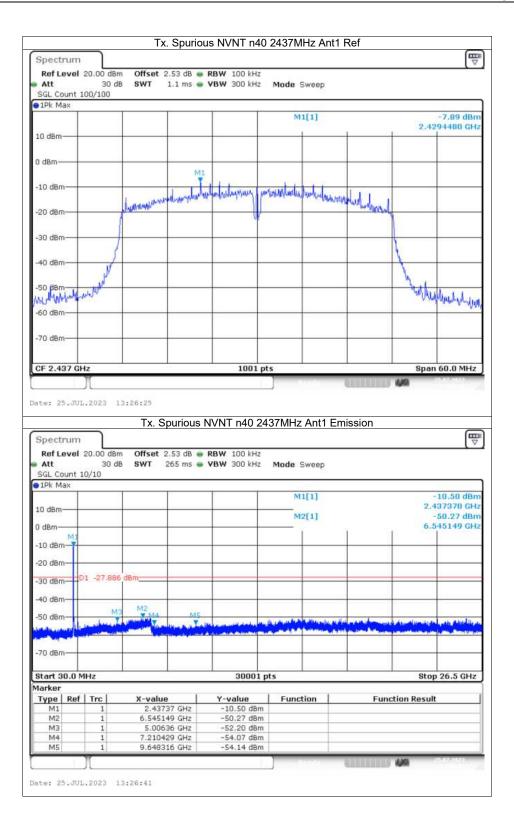
Spectrum		17	. Opunou	is NVNT g 2			1ei		T
Ref Level	20.00 dBm			BW 100 kHz					
Att SGL Count 1	30 dE 100/100	SWT	1 ms 🖤 V	BW 300 kHz	Mode S	weep			
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Spectrum Ref Level Att SGL Count 1 1Pk Max	20.00 dBm 30 dB	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep	ission		-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 1Pk Max	20.00 dBm 30 dB	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep	ission		-5.55 dB .462070 GF -50.00 dB
Spectrum Ref Level Att SGL Count 1 (1Pk Max 10 dBm dBm	20.00 dBm 30 dB	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep			-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 01Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	20.00 dBm 30 dE	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep			-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 1Pk Max 10 dBm 10 dBm 20 dBm	20.00 dBm 30 dB	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep			-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 10 IPk Max 10 dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 30 dE	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep			-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 10 IPk Max 10 dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 30 dE 10/10	Tx. S	54 dB 👄 R	BW 100 kHz	Mode S	weep			-5.55 dBr -462070 GH -50.00 dBr -968669 GH
Att SGL Count 1 (1Pk Max) 10 dBm 10 dBm 20 dBm	20.00 dBm 30 dE	Tx. S	54 dB 曼 R	BW 100 kHz	Mode S	weep	ission		-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1) IPk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dE 10/10	Tx. S	54 dB 👄 R	BW 100 kHz	Mode S	weep	ission	G	-5.55 dBr .462070 GH -50.00 dBr
Spectrum Ref Level Att SGL Count 1 10 IPk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	20.00 dBm 30 dE 10/10	Tx. S	54 dB 👄 R	BW 100 kHz	Mode S	weep	ission	G	-5.55 dBi -50.00 dBi -50.00 dBi -968669 GH
Spectrum Ref Level Att SGL Count 1 10 IPk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	20.00 dBm 30 dE 10/10	Tx. S	54 dB 👄 R	BW 100 kHz	Mode S	weep		G	-5.55 dBi -50.00 dBi -50.00 dBi -968669 GH
Spectrum Ref Level Att SGL Count 1 PIPk Max O dBm O dB	20.00 dBm 30 dE 10/10	Tx. S	54 dB 👄 R	BW 100 kHz	Mode S	weep		515-1419-0	-5.55 dBi -50.00 dBi -50.00 dBi -968669 GH
Spectrum Ref Level Att SGL Count 1 IPk Max I0 dBm I	20.00 dBm 30 dE 10/10 01 -25.077 M3	Tx. S	54 dB 👄 R	BW 100 kHz BW 300 kHz	Mode S	weep [[1] 2[1]		5 Site Alfred Site Store	-5.55 dBr -50.00 dBr -968669 GH
Spectrum Ref Level Att SGL Count 1 IPPK Max ID dBm D dBm D dBm C d	20.00 dBm 30 dE 10/10 01 -25,077 M3 M4 M4z	Tx. S	54 dB • R 55 ms • V	BW 100 kH2 BW 300 kH2 	Mode S	weep [[1] 2[1]		515-1419-0	-5.55 dBr -50.00 dBr -968669 GH
Spectrum Ref Level Att SGL Count 1 IPK Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm Start 30.0 N larker Type Ref M1 M2	20.00 dBm 30 dB 10/10 01 -25,077 M3 1Hz 1Hz	Tx. S	54 dB	BW 100 kHz BW 300 kHz	Mode S	weep [[1] 2[1]		5 Site Alfred Site Store	-5.55 dBr -50.00 dBr -968669 GH
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Spectrum Ref Level Att SGL Count 1 IPK Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm Start 30.0 N larker Type Ref M1 M2	20.00 dBm 30 dB 10/10 01 -25,077 M3 1Hz 1Hz	Tx. S	54 dB R R R R R R R R R R R R R R R R R R	BW 100 kHz BW 300 kHz	Mode S	weep [[1] 2[1]		5 Site Alfred Site Store	-5.55 dBr -50.00 dBr -968669 GH
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Spectrum	Tx. Sp			12MHz	Ant1 E	mission	. 49		
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Spectrum Ref Level 20.00 dBn Att 30 dB	Tx. Sp	.52 dB 🖷 F	RBW 100 kHz	112MHz Mode S		mission	. 449		H
Spectrum Ref Level 20.00 dBn Att 30 df SGL Count 10/10	Tx. Sp	.52 dB 🖷 F	RBW 100 kHz	Mode S	Sweep	mission			
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Spectrum Ref Level 20.00 dBn Att 30 df SGL Count 10/10 1Pk Max	Tx. Sp	.52 dB 🖷 F	RBW 100 kHz	Mode S	Sweep	mission			IBI GH
Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 10/10 1Pk Max 0 dBm	Tx. Sp	.52 dB 🖷 F	RBW 100 kHz	Mode S	weep	mission		2.409130 -50.37 d	IBI GH
Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 10/10 1Pk Max 0 dBm	Tx. Sp	.52 dB 🖷 F	RBW 100 kHz	Mode S	weep	mission		2.409130 -50.37 d	IBI GH
Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 10/10 IPK Max 0 dBm 10 dBm 10 dBm	Tx. Sp offset 2. swr 2	.52 dB 🖷 F	RBW 100 kHz	Mode S	weep	mission		2.409130 -50.37 d	IBI GH
Spectrum Ref Level 20.00 dBn Att 30 dB SGL Count 10/10 1Pk Max 0 dBm I dBm 10 dBm 20 dBm 01 -22.052	Tx. Sp offset 2. swr 2	.52 dB 🖷 F	RBW 100 kHz	Mode S	weep	mission		2.409130 -50.37 d	IBI
Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 10/10 10 HPK Max 10 dBm 10 dBm 20 dBm D1 -22.052 30 dBm	Tx. Sp offset 2. swr 2	.52 dB 🖷 F	RBW 100 kHz	Mode S	weep	mission		2.409130 -50.37 d	IBI
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Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 10/10 IPK Max 10 dBm 10 dBm 20 dBm 01 -22.052 30 dBm 40 dBm 50 dBm	Tx. Sp Offset 2. 3 SWT 2	.52 dB • F	RBW 100 kHz	Mode S	Sweep			2.409130 -50.37 c 6.943082	IBr GH GH
Spectrum Ref Level 20.00 dBn Att 30 df SGL Count 10/10 1Pk Max I0 dBm 0 dBm 10 dBm 20 dBm 20 dBm 0 1 -22.052 30 dBm 40 dBm 40 dBm 40 dBm 70 dBm	Tx. Sp Offset 2. 3 SWT 2	.52 dB • F	RBW 100 kHz /BW 300 kHz	Mode S	Sweep			2.409130 -50.37 c 6.943082	
Spectrum Ref Level 20.00 dBn Att 30 dt SGL Count 10/10 1Pk Max 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 20 dBm 50 dBm 40 dBm 40 dBm 70 dBm 70 dBm Stort 30.0 MHz	Tx. Sp Offset 2. 3 SWT 2	.52 dB • F	RBW 100 kHz	Mode S	Sweep			2.409130 -50.37 c 6.943082	
Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 10/10 10PK Max 10 dBm 0 dBm 10 dBm 20 dBm 01 -22.052 30 dBm 40 dBm 50 dBm 70 dBm 31 rat 30.0 MHz	Tx. Sp offset 2. swr 2 dBm dBm	.52 dB • F (65 ms • V	BW 100 kHz /BW 300 kHz	Mode S	Sweep 1[1] 2[1]			2.409130 -50.37 c 6.943082	
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Spectrum Ref Level 20.00 dBn Att 30 di SGL Count 10/10 10PK Max 10 dBm 0 dBm 10 dBm 20 dBm 01 -22.052 30 dBm 40 dBm 50 dBm 70 dBm 31 rat 30.0 MHz	Tx. Sp Offset 2. SWT 2 dBm	.52 dB • F (65 ms • V)))))))))))))))))))	BW 100 kHz /BW 300 kHz /BW 300 kHz //BW 300	Mode S	Sweep 1[1] 2[1]			2.409130 -50.37 c 6.943082	
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Spectrum Ref Level 20.00 dBn Att 30 db SGL Count 10/10 10 HPk Max 10 dBm 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 70 dBm Start 30.0 MHz Iarker Type Ref M1 1 M2 1 M3 1	Tx. Sp offset 2. swr 2 dBm dBm x-value 2.4091 6.94308 5.0213 7.09131	.52 dB • F 65 ms • V M6 	BW 100 kHz /BW 300 kHz /BW 30	Mode S	Sweep 1[1] 2[1]			2.409130 -50.37 c 6.943082	
Spectrum Ref Level 20.00 dBn Att 30 dE SGL Count 10/10 10 PK Max 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 20 dBm 10 dBm 20 dBm 20 dBm 70 dBm Start 30.0 MHz iarker Type Ref M1 1 M2 1	Tx. Sp offset 2. 3 SWT 2 dBm dBm M24 X-value 2.4091 6.94308 5.0213	.52 dB • F 65 ms • V M6 	RBW 100 kHz /BW 300 kHz /BW 300 kHz //BW	Mode S	Sweep 1[1] 2[1]	Ft	inction Re	2.409130 -50.37 c 6.943082	
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Spectrum Ref Level 20.00 dB Att 30 of SGL Count 10/10 D1Pk Max 10 dBm 10 dBm 20 dBm 01 -22.05	Tx. Spi	53 dB 曼 R	VNT n20 24	37MHz Mode S	weep	lission		-2.87 dB 137370 GF -50.27 dB
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Spectrum Ref Level 20.00 dB Att 30 c SGL Count 10/10 1PK Max 10 dBm 10 dBm 20 dBm 01 -22.05 30 dBm 40 dBm	Tx. Spi m Offset 2.3 B SWT 26	53 dB 曼 R	VNT n20 24	37MHz Mode S	weep	ission		-2.87 dB 137370 GF -50.27 dB
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 10/10 1PK Max 10 dBm 10 dBm 20 dBm 01 -22.05 30 dBm 40 dBm	Tx. Spi m Offset 2.3 B SWT 26	53 dB • R 55 ms • V	VNT n20 24	37MHz Mode S	weep [1] [1]			-2.87 dBi i37370 GF -50.27 dBi /57792 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 10/10 1Pk Max 10 dBm 10 dBm 11 dBm 20 dBm 01 -22.05 30 dBm 40 dBm	Tx. Spi m Offset 2.3 B SWT 26	53 dB • R 55 ms • V	VNT n20 24	37MHz Mode S	weep [1] [1]	ission		-2.87 dB 137370 GF -50.27 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 01Pk Max 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 50 dBm 50 dBm 40 dBm 50 dBm	Tx. Spi m Offset 2.3 B SWT 26	53 dB • R 55 ms • V	VNT n20 24	37MHz Mode S	weep [1] [1]			-2.87 dBi i37370 GF -50.27 dBi /57792 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 01Pk Max 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 50 dBm 50 dBm 40 dBm 50 dBm	Tx. Spi m Offset 2.3 B SWT 26	53 dB • R 55 ms • V	VNT n20 24	37MHz Mode S	weep [1] [1]			-2.87 dB 137370 GF -50.27 dB 757792 GF
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Spectrum Ref Level 20.00 dB Att 30 c SGL Count 10/10 IPK Max I0 dBm 0 dBm 10 dBm 20 dBm 01 -22.05 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm Stort 30.0 MHz Tarker	Tx. Spr m Offset 2.1 is swr 26 0 dBm	53 dB • R 55 ms • V	VNT n20 24	Ja7MHz Mode S M1 M2	weep [1] [1]		6.:	-2.87 dBi 137370 GF 50.27 dBi 57792 GF
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 10/10 IPK Max 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 20 dBm 91 -22.05 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm Start 30.0 MHz Tarker	Tx. Spi m Offset 2.3 B SWT 26	53 dB • R 55 ms • V	VNT n20 24	J37MHz Mode S M1 M2	weep [1] [1]			-2.87 dBi 137370 GF 50.27 dBi 57792 GF
Att 30 c SGL Count 10/10 91Pk Max 91Pk Max 91Pk Max 10 dBm M1 -0 dBm M1 -10 dBm 01 -22.05 -30 dBm 01 -22.05 -30 dBm 01 -22.05 -30 dBm 01 -22.05 -30 dBm 01 -22.05 -70 dBm M1 -70 dBm 1	Tx. Spr m Offset 2.1 is swr 26 0 dBm 3 M2 3 M2 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	53 dB • R 55 ms • V ///////////////////////////////////	VNT n20 24 BW 100 kH2 BW 300 kH2 3000 kH2 3000 kH2	Ja7MHz Mode S M1 M2	weep [1] [1]		6.:	-2.87 dBi 137370 GF 50.27 dBi 57792 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 1Pk Max 10 dBm 10 10 dBm 01 -20 dBm Ma -70 dBm Ma -70 dBm 1	Tx. Spr m Offset 2.3 iB SWT 26 0 dBm 0 dBm 3 M2 3 M2 4 4 4 4 4 4 3 M2 4 4 3 4 4 4 9 4 9 4 9 4 9 4 9 4 9 4 9 4	53 dB • R 55 ms • V MAS 7 GHz 2 GHz 2 GHz	VNT n20 24 BW 100 kHz BW 300 kHz U U U U U U U U U U U U U U U U U U U	Ja7MHz Mode S M1 M2	weep [1] [1]		6.:	-2.87 dBi 137370 GF 50.27 dBi 57792 GF
Spectrum Ref Level 20.00 dB Att 30 c SGL Count 10/10 IPK Max 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 20 dBm 01 -22.05 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm Start 30.0 MHz larker Type Ref Trc M1 1	Tx. Spr m Offset 2.1 is swr 26 0 dBm 3 M2 3 M2 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	53 dB R R 55 ms V 145 7 GHz 2 GHz 2 GHz	VNT n20 24 BW 100 kH2 BW 300 kH2 3000 kH2 3000 kH2	Ja7MHz Mode S M1 M2	weep [1] [1]		6.:	-2.87 dBi 137370 GF 50.27 dBi 57792 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPk Max 10 dBm 10 dBm 10 dBm 10 dBm 11 -22.05 30 dBm 01 -22.05 70 dBm 01 -22.05 Start 30.0 MHz 10 -20.05 Jarker 11 -22.05 M1 1 M2 1 M3 1 M4 1	Tx. Spr m Offset 2.3 #B SWT 26 0 dBm 3 M2 3 M2 3 M2 3 M2 4 94195 7.363072	53 dB R R 55 ms V 145 7 GHz 2 GHz 2 GHz	VNT n20 24 BW 100 kHz BW 300 kHz	Ja7MHz Mode S M1 M2	weep [1] [1]		6.:	-2.87 dBi 137370 GF 50.27 dBi 57792 GF

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	20.00 dBm	Offset 2.	54 dB 🖷 🖡	BW 100 kHz					
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te: 25.JU	11.2023 13		urious N	VNT n20 24	162MHz	Ant1 Er	nission		6
Spectrum		Tx. Sp			462MHz	Ant1 Er	nission		
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Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	Tx. Sp Offset 2.	54 dB 🖷 🖡		162MHz Mode S		nission		
Spectrum Ref Level Att SGL Count	1 20.00 dBm 30 dB	Tx. Sp Offset 2.	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		
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Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	Tx. Sp Offset 2.	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
Spectrum Ref Level Att SGL Count 1Pk Max	1 20.00 dBm 30 dB	Tx. Sp Offset 2.	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
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Spectrum Ref Level Att SGL Count 1Pk Max 0 dBm 0 dBm 10 dBm	1 20.00 dBm 30 dB 10/10	Tx. Sp Offset 2. swT 20	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 20 dBm	1 20.00 dBm 30 dB	Tx. Sp Offset 2. swT 20	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 20 dBm	1 20.00 dBm 30 dB 10/10	Tx. Sp Offset 2. swT 20	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
Spectrum Ref Level Att SGL Count) 1Pk Max 10 dBm 10 dBm 20 dBm 330 dBm	1 20.00 dBm 30 dB 10/10	Tx. Sp Offset 2. swT 20	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
Spectrum Ref Level Att SGL Count 11PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	1 20.00 dBm 30 dB 10/10	Tx. Sp Offset 2. swT 20	54 dB 🖷 🖡	BW 100 kHz	Mode S	weep	nission		-6.39 dBi 462950 GH -50.01 dBi
Spectrum Ref Level Att SGL Count) 1PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	1 20.00 dBm 30 dB 10/10 D1 -22.309	Tx. Sp Offset 2. swT 20	54 dB • F 55 ms • V • V • V	XBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep	nission		-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count JIPk Max I0 dBm I0 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm	1 20.00 dBm 30 dB 10/10 D1 -22.309	Tx. Sp Offset 2. swT 20	54 dB 🕢 F	XBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep	nission	6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count) 1PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	1 20.00 dBm 30 dB 10/10 D1 -22.309	Tx. Sp Offset 2. swT 20	54 dB • F 55 ms • V • V • V	XBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep	nission	6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 10 Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm	D1 -22.309	Tx. Sp Offset 2. swT 20	54 dB • F 55 ms • V • V • V	XBW 100 kHz YBW 300 kHz	Mode S	weep	nission	6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count IIPK Max II dBm 10 dBm 20 dBm 40 dBm 50 dBm 70 dBm 70 dBm	D1 -22.309	Tx. Sp Offset 2. swT 20	54 dB • F 55 ms • V • V	XBW 100 kHz YBW 300 kHz	Mode S	weep	nission	6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 10 PK Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 31 dBm 32 dBm 40 dBm 40 dBm 40 dBm 50 dBm 40 dBm 50 dBm 40 dBm 50 dBm	1 20.00 dBm 30 dB 10/10 D1 -22.309 M3 MHz	Tx. Sp Offset 2. swT 20	S4 dB S5 ms N M5 J, v M v A	XBW 100 kHz YBW 300 kHz	Mode S	weep [1] [1]		6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 101Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 38tart 30.0 larker Type M1	D1 -22.309 M3 MHz	Tx. Sp Offset 2. swT 20 dBm M2 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1	55 ms • V	XBW 100 kHz //BW 300 kHz //BW 300 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 300 kHz //B	Mode S	weep [1] [1]		6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 10Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm Start 30.0 larker Type Ref M1 M2	1 20.00 dBm 30 dB 10/10 D1 -22.309 M3 MHz f Trc 1 1	Tx. Sp Offset 2. 8WT 20 dBm dBm M2 	54 dB F F 55 ms F V Ms 5 GHz 3 GHz	XBW 100 kHz YBW 300 kHz Image: State of the s	Mode S	weep [1] [1]		6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
Spectrum Ref Level Att SGL Count 101Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 38tart 30.0 larker Type M1	D1 -22.309 M3 MHz	Tx. Sp Offset 2. swT 20 dBm M2 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1 YM1	55 H dB 55 ms Ms 5 GHz 3 GHz 2 GHz	XBW 100 kHz //BW 300 kHz //BW 300 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 100 kHz //BW 300 kHz //B	Mode S	weep [1] [1]		6.	-6.38 dBr 462950 GH -50.01 dBr 924553 GH
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Ref Level 20.00 dB	m Offcat 2	52 dB = 5	BW 100 kHz					1
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Spectrum	Tx. Sp			422MHz	Ant1 Em	iission		Ę
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Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10	Tx. Sp m Offset 2.	52 dB 🖷 F	RBW 100 kHz	Mode S	weep	iission		
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Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 p1Pk Max	Tx. Sp m Offset 2.	52 dB 🖷 F	RBW 100 kHz	Mode S	weep	nission	2	-10.65 dB
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Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 11Pk Max 10 dBm 10 dBm 10 dBm	Tx. Sp m Offset 2.	52 dB 🖷 F	RBW 100 kHz	Mode S	weep	hission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 11Pk Max 10 dBm 10 dBm 10 dBm	Tx. Sp m Offset 2.	52 dB 🖷 F	RBW 100 kHz	Mode S	weep			-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 D1Pk Max 10 dBm 10 dBm 20 dBm	Tx. Sp m Offset 2. db swr 26	52 dB 🖷 F	RBW 100 kHz	Mode S	weep			-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 1Pk Max 10 dBm 10 dBm 11 10 dBm 12 20 dBm 10 dBm 30 dBm 10 -27.46	Tx. Sp m Offset 2. db swr 26	52 dB 🖷 F	RBW 100 kHz	Mode S	weep	ission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPK Max 10 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm D1 -27.48 40 dBm 30 dBm	Tx. Sp m Offset 2. dB SWT 26	52 dB 🖷 F	RBW 100 kHz	Mode S M1	weep	ission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPK Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	Tx. Sp m Offset 2. db swT 26	52 dB 🖷 F	RBW 100 kHz	Mode S M1	weep [1] [1]	ission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 dS SGL Count 10/10 1Pk Max 10 dBm 0 dBm 0 10 dBm 10 dBm 20 dBm 10 dBm 30 dBm 10 -27.48 40 dBm 50 dBm	Tx. Sp m Offset 2. dB SWT 26	52 dB 🖷 F	RBW 100 kHz /BW 300 kHz	Mode S M1	weep [1] [1]	hission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 01Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm	Tx. Sp m Offset 2. db swT 26	52 dB 🖷 F	RBW 100 kHz /BW 300 kHz	Mode S	weep [1] [1]	hission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 01Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm	Tx. Sp m Offset 2. db swT 26	52 dB 🖷 F	RBW 100 kHz /BW 300 kHz	Mode S	weep [1] [1]	nission		-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 11Pk Max L0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 10 dBm 50 dBm 50 dBm 40 dBm 70 dBm	Tx. Sp m Offset 2. db swT 26	52 dB 🖷 F	RBW 100 kHz //BW 300 kHz	Mode S	weep [1] [1]	nission	16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 11Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 90 dBm 10 dBm 50 dBm 40 dBm 70 dBm 70 dBm Stort 30.0 MHz	Tx. Sp m Offset 2. db swT 26	52 dB 🖷 F	RBW 100 kHz /BW 300 kHz	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPK Max I0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 20 dBm 30 dBm 50 dBm 70 dBm 70 dBm Start 30.0 MHz	Tx. Sp	52 dB 🖷 F	88W 100 kHz /BW 300 kHz	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPK Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -10 dBm -50 dBm -70 dBm	Tx. Sp m Offset 2. ////////////////////////////////////	52 dB • • • • • • • • • • • • • • • • • •	RBW 100 kHz //BW 300 kHz	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Att 30 d SGL Count 10/10 10 dBm	Tx. Sp m Offset 2. /// SWT 26 // SWT	52 dB F F 55 ms F V H5 7 GHz 9 GHz	RBW 100 kHz /BW 300 kHz /BW 300 kHz ////////////////////////////////////	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IPk Max 10 10 dBm 10 10 dBm 10 20 dBm 10 30 dBm 10 70 dBm 10 Start 30.0 MHz 1 Ma 1	Tx. Sp m Offset 2. //B SWT 26 ////////////////////////////////////	52 dB • F 55 ms • V 145 7 GHz 9 GHz 4 GHz	RBW 100 kHz //BW 300 kHz //BW 300 kHz //B 300 kHz //B 40 kHz -10.65 dBm -53.34 dBm	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 IDPK Max ID dBm 0 dBm 10 dBm 20 dBm 30 dBm 20 dBm 30 dBm 70 dBm 70 dBm Start 30.0 MHz larker Type Ref Trc M1 1	Tx. Sp m Offset 2. /// SWT 26 // SWT	52 dB • F 55 ms • V 	RBW 100 kHz /BW 300 kHz /BW 300 kHz ////////////////////////////////////	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF
Spectrum Ref Level 20.00 dB Att 30 d SGL Count 10/10 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 10 dBm 30 dBm 01 -27.46 40 dBm 01 -27.46 40 dBm 10 -27.46	Tx. Sp m Offset 2. dB SWT 26 S dBm S dBm S dBm S dBm 2.4223 16.35404 4.759422 7.068373	52 dB • F 55 ms • V 	RBW 100 kHz //BW 300 kHz //BW 300 kHz //BU 30 kHz	Mode S	weep [1] [1]		16	-10.65 dB 422370 GF -49.94 dB 354049 GF



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Ref Level 3 Att	30 dB			RBW 100 kHz VBW 300 kHz	Mode Sv	weep			
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Spectrum Ref Level : Att SGL Count 10	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz			iission		7
Spectrum Ref Level : Att SGL Count 10	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz		weep	ilssion		
Spectrum Ref Level 3 Att SGL Count 10 1Pk Max	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep	ission	2.	-8,58 dBr 444420 GH
Spectrum Ref Level 3 Att SGL Count 11 11Pk Max 10 dBm	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz	Mode SV	weep	ission		-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 10 10Pk Max 10 dBm	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep	lission		-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 10 10Pk Max 10 dBm	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep			-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 11 11PK Max 10 dBm 10 dBm M3 10 dBm	20.00 dBm 30 dB	Tx. S	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep			-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level : Att SGL Count 11 11Pk Max 10 dBm M3 10 dBm 20 dBm	20.00 dBm 30 dB	Tx. S Offset 2 SWT	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep			-8,58 dBi 444420 GH -49,50 dBi 991610 GH
Spectrum Ref Level 3 Att SGL Count 10 10 Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 30 dB 0/10	Tx. S Offset 2 SWT	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep			-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 10 10 Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	20.00 dBm 30 dB 0/10	Tx. S Offset 2 SWT 3	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep			-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 11 11PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 0/10	Tx. S Offset 2 SWT	2.54 dB 🖷 🖡	RBW 100 kHz	Mode Sv	weep	ission		-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 11 11PK Max 10 dBm 10 dBm 20 dBm 20 dBm	20.00 dBm 30 dB 0/10 1 -27.495	Tx. S Offset 2 SWT 3	2.54 dB • 1 265 ms • 1	RBW 100 kHz VBW 300 kHz	Mode Sv	weep	ission		-8,58 dBr 444420 GH -49,50 dBr
Spectrum Ref Level 3 Att SGL Count 11 11PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 0/10	Tx. S Offset 2 SWT 3	2.54 dB • 1 265 ms • 1	RBW 100 kHz	Mode Sv	weep	lission		-8.58 dBi 444420 GH -49.50 dBi 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 11PK Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	20.00 dBm 30 dB 0/10 1 -27.495	Tx. S Offset 2 SWT 3	2.54 dB • 1 265 ms • 1	RBW 100 kHz VBW 300 kHz	Mode Sv	weep	ission		-8.58 dBi 444420 GH -49.50 dBi 991610 GH
Spectrum Ref Level 3 Att SGL Count 1) DPk Max 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 50 dBm 70 dBm 70 dBm	20.00 dBm 30 dB 0/10 1 -27.495	Tx. S Offset 2 SWT 3	2.54 dB • 1 265 ms • 1	RBW 100 kHz VBW 300 kHz	Mode St	weep	iission	6.	-8,58 dBr 444420 GH -49,50 dBr 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 10 PK Max 0 dBm 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm Start 30.0 M	20.00 dBm 30 dB 0/10 1 -27.495	Tx. S Offset 2 SWT 3	2.54 dB • 1 265 ms • 1	RBW 100 kHz VBW 300 kHz	Mode St	weep	ission	6.	-8.58 dBi 444420 GH -49.50 dBi 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 DPk Max 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 50 dBm 70 dBm 70 dBm Gtart 30.0 M arker	20.00 dBm 30 dB 0/10 1 -27.435 M ²	Tx. Sj Offset 2 SWT	2.54 dB • 1	RBW 100 kHz VBW 300 kHz	Mode Sv	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH
Spectrum Ref Level : Att SGL Count 1) DPk Max 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 50 dBm 70 dBm 70 dBm	20.00 dBm 30 dB 0/10 1 -27.435 M ²	Tx. Sj Offset 2 SWT 3 dBm	2.54 dB • 1	RBW 100 kHz VBW 300 kHz	Mode Sv M11 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 10 PK Max 0 dBm 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm Ref Type Ref M1 M2	20.00 dBm 30 dB 0/10 1 -27.435 M2 HZ HZ	Tx. Sj Offset 2 swr 3 dBm M2 M2 X-value 2.444 6.991t	2.54 dB • 1 265 ms • 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RBW 100 kHz VBW 300 kHz	Mode Sv M1 M2 M2 Sv M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 10 IPk Max 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm Start 30.0 M arker Type Ref M1 M2 M3	20.00 dBm 30 dB 0/10 1 -27.435 M3 Hz Hz Trc 1 1 1	Tx. Sj Offset 2 SWT dBm M2 X-value 2.444 6.9911 5.0769-	2.54 dB • 1 265 ms • 1 	RBW 100 kHz VBW 300 kHz Image: state st	Mode Sv M11 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH
Spectrum Ref Level 3 Att SGL Count 11 10 PK Max 0 dBm 0 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm Ref Type Ref M1 M2	20.00 dBm 30 dB 0/10 1 -27.435 M2 HZ HZ	Tx. Sj Offset 2 swr 3 dBm M2 M2 X-value 2.444 6.991t	2.54 dB 265 ms	RBW 100 kHz VBW 300 kHz	Mode Sv M11 M2 Dts Functi	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH
Spectrum Ref Level 3 Att SGL Count 10 01Pk Max 0 dBm 0 dBm 0 dBm 10 dBm 10 dBm 30 dBm 40 dBm 30 dBm 70 dBm 50 dBm 70 dBm Start 30.0 M Type Ref M1 M2 M3 M4	20.00 dBm 30 dB 0/10 1 -27.435 M Hz Trc 1 1 1 1 1	Tx. Sj Offset 2 swr 3 dBm M2 X-value 2.444 6.9911 5.07699 7.35513	2.54 dB 265 ms	RBW 100 kHz VBW 300 kHz VBW 300 kHz Image: state sta	Mode Sv M11 M2 Dts Functi	weep [1] [1]		6.	-8.58 dBr 444420 GH -49.50 dBr 991610 GH

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Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.99	0	0.12
NVNT	b	2437	Ant1	98.99	0	0.12
NVNT	b	2462	Ant1	98.99	0	0.12
NVNT	g	2412	Ant1	98.87	0	0.72
NVNT	g	2437	Ant1	98.87	0	0.72
NVNT	g	2462	Ant1	98.87	0	0.72
NVNT	n20	2412	Ant1	98.94	0	0.77
NVNT	n20	2437	Ant1	98.94	0	0.77
NVNT	n20	2462	Ant1	98.94	0	0.77
NVNT	n40	2422	Ant1	99.09	0	1.53
NVNT	n40	2437	Ant1	98.78	0	1.54
NVNT	n40	2452	Ant1	99.09	0	1.53

	Duty	Test Grap Cycle NVNT b 2	412MHz Ant1		
Spectrum					l⊞
Ref Level 20.00		B 🖷 RBW 1 MHz			× -
	30 dB 🖷 SWT 20 ms	s 🖷 VBW 3 MHz			
SGL 1Pk Clrw					
I'K ORW		1	M1[1]		8.95 dBn
10 dBm	MI		.2.5		5.16800 ms
			M2[1] M3		-13.29 dBn 5.35400 mi
nen -					
10 dBm-	Nº2				
20 dBm					
30 dBm					
10.10					
40 dBm					
50 dBm					
60 dBm					
oo dom	3- 60 - 22				
70 dBm					
CF 2.412 GHz		10001 pts	5		2.0 ms/
larker Type Ref Trc	X-value	Y-value	Function	Function	Pocult
M1 1		8.95 dBm	, uncont	ranction	is a un
M2 1 M3 1		-13.29 dBm			
M3 1	13.642 ms	2.72 dBm			
te: 25.JUL.202		/ Cycle NVNT b 2	2437MHz Ant1		
Spectrum	Duty		2437MHz Ant1		(The second seco
Spectrum Ref Level 20.00	Duty dBm Offset 2.53 db	3 🖷 RBW 1 MHz	2437MHz Ant1		(TT
Spectrum Ref Level 20.00 Att	Duty dBm Offset 2.53 db		2437MHz Ant1		(TT
Spectrum Ref Level 20.00 Att SGL	Duty dBm Offset 2.53 db	3 🖷 RBW 1 MHz			
Spectrum Ref Level 20.00 Att SGL JPK Clrw	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	2437MHz Ant1		8.14 dBn
Spectrum Ref Level 20.00 Att SGL JPK Clrw	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 🖷 RBW 1 MHz	M1[1]	M3	8.14 dBn 7.39600 m
Spectrum Ref Level 20.00 Att SGL 1Pk Clrw	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz			8.14 dBn 7.39600 m
Spectrum Ref Level 20.00 Att SGL 19Pk Clrw 10 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 19Pk Clrw 10 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	M1[1] M2[1]		8.14 dBn 7.39600 m
Spectrum Ref Level 20.00 Att SGL SGL 1PK Clrw 0 dBm 10 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 19Pk Clrw 0 dBm 10 dBm 20 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	M1[1] M2[1]		8.14 dBn 7.39600 m
Spectrum Ref Level 20.00 Att SGL 10 PK Clrw 10 dBm 10 dBm 20 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	B RBW 1 MHz S VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL DIPK Clrw 10 dBm 10 dBm 20 dBm 30 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 10 PR Clrw 10 dBm 20 dBm 30 dBm 40 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL DIPK Clrw 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL DIPK Clrw 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 10 PR Clrw 0 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz	M1[1] M2[1]		8.14 dBm 7.39600 ms
Spectrum Ref Level 20.00 Att SGL 1Pk Clrw 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm	Duty dBm Offset 2.53 dB 80 dB SWT 20 ms	3 • RBW 1 MHz 5 • VBW 3 MHz			8.14 dBn 7.39600 m
Spectrum Ref Level 20.00 Att SGL	Duty	 RBW 1 MH2 VBW 3 MHz 	M1[1] M2[1] L M11 11 11 11 11 11 11 11 11 11 11 11 11		8.14 dBn 7.39600 m -12.70 dBn 117 4 117
Att 3 SGL - 10 dBm - -00001 - -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -70 dBm -	Duty Offset 2.53 dB SWT 20 ms	B RBW 1 MH2 VBW 3 MH2 M1 M1 M2 10001 pts Y-value			
Spectrum Ref Level 20.00 Att SGL 1Pk Clrw 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 70 dBm	Duty dBm Offset 2.53 dB 0 dB • SWT 20 ms	B RBW 1 MHz VBW 3 MHz M1 M1 M1 M1 M1 M1 M1 M2 M1 M2 M3 M2 M2 M3 M2 M3 M4 M2 M3 M4 M3 M4 M4 M2 M3 M4 M3 M4 M4 <td>M1[1] M2[1] L M11 11 11 11 11 11 11 11 11 11 11 11 11</td> <td></td> <td>8.14 dBn 7.39600 m -12.70 dBn 117 4 117</td>	M1[1] M2[1] L M11 11 11 11 11 11 11 11 11 11 11 11 11		8.14 dBn 7.39600 m -12.70 dBn 117 4 117
Spectrum Ref Level 20.00 Att SGL 10 PR Clrw 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 70 dBm 21 GBm 22 dBm 33 dBm 40 dBm 50 dBm 60 dBm 70 dBm 21 GBm 22 GBm 70 dBm	Duty dBm Offset 2.53 dB 0 dB • SWT 20 ms	RBW 1 MHz VBW 3 MHz	M1[1] M2		8.14 dBn 7.39600 m -12.70 dBn 117 4 117

	rum evel	20.00 dB			RBW 1 MHz				7
SGL		30 0	ib 🖷 SWT	20 ms 🖷	VBW 3 MHz				
1Pk C	lrw I		<u>а р</u>		r r	MILTI			7.99 dBr
LO dBm					MI	M1[1]		МЗ	7.99000 m
LO UBIII					And the second second	M2[1]	10.0. (00.111		-12.80 dBr
-upm-									
10 dBn	n				<u>N2</u>				
20 dBn	n								
30 dBn	0								
40 dBn	n								
50 dBr	n		-						
60 dBn	n		-						
70 dBn	0								
CF 2.4	_	z	a là		10001 p	ts		1.1.1	2.0 ms/
larker Type		Tre	X-value	1	Y-value	Function	1	Function R	esult
M1	1.01	1	7.9	9 ms	7.99 dBm	- unction		. unation R	
M2 M3	-	1	8.07		-12.80 dBm 7.96 dBm				
		.2023	13:08:27	Duty C	ycle NVNT g	2412MHz Ai	nt1		Ē
Spect	rum	20.00 dB			ycle NVNT g	2412MHz Ai	nt1		
Spect Ref L Att	rum	20.00 dB	m Offset 2.	.52 dB 🖷		2412MHz Ai	nt1		
Spect Ref L Att SGL	rum evel	20.00 dB	m Offset 2.	.52 dB 🖷	RBW 1 MHz		nt1		
Spect Ref L Att SGL 1Pk C	rum evel	20.00 dB	m Offset 2.	.52 dB 🖷	RBW 1 MHz	2412MHz Ar	nt1		-3.23 dBr
Spect Ref L Att SGL 1Pk C	rum evel	20.00 dB	m Offset 2. JB = SWT	52 dB 🖷 20 ms 🖷	RBW 1 MHz VBW 3 MHz	M1[1]	nt1	du condu	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 1Pk C	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz	M1[1] M2[1] addited politics	nt1	will be too a start it. Its	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 1Pk C	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB 🖷 20 ms 🖷	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] add bot polytop	nt1	ulidarum reviteda Anglar algeriga	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att IPk C 0 dBm	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1	uliking and in Training areas	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att 5GL 1Pk C 0 dBm 16 dBm 20 dBm	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1		-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att 5GL 1Pk C 0 dBm 16 dBm 20 dBm	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1	uld been production the been approximated	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L SGL 1Pk C 0 dBm 16 dBn 20 dBn 30 dBn	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1		-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 1Pk Cl 0 dBm 20 dBm 21 dBn 22 dBn 32 dBn 34 dBn	rum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1	elikien ereilde Greken Girler	-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 11Pk C 0 dBm 0 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm	irum evel	20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1		-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 1Pk C 0 dBm 20 dBm 30 dBm		20.00 dB	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2[1] addited politics	nt1		-3.23 dBr 600.00 µ -11.28 dBr
Spect Ref L Att SGL 1Pk C 0 dBm 20 dBm 20 dBm 20 dBm 40 dB		20.00 dB 30 c	m Offset 2. iB • SWT	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2	nt1		-3.23 dBr 600.00 p -11.28 dBr hull i ci nell i right ci nell i ci nelli i ci nelli ci ci nelli ci nelli ci nelli ci nelli ci ci nelli ci nelli ci ci
Spect Ref L Att JPK Cl 0 dBm 10 dBm 20 dBn 20 dBn 30 dBn 40 dBn 50 dBn 50 dBn 70 dBn 70 dBn 70 dBn		20.00 dB 30 d	m Offset 2.	52 dB	RBW 1 MHz VBW 3 MHz	M1[1] M2	nt1		-3.23 dBr 600.00 µ -11.28 dBr al suld st noll h 4 no h
Spect Ref L Att SGL 1Pk C 0 dBm 20 dBm 20 dBm 20 dBm 30 dBm 40 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 51 dBm 52 dBm 52 dBm 51 dBm 52 dBm 51 dBm 52 dBm 51 dBm 52 dBm 51 dBm 52 dB	rum evel irw n n n n n n 12 GH	20.00 dB 30 d	m Offset 2. B SWT	52 dB 20 ms	RBW 1 MHz VBW 3 MHz	M1[1] M2	nt1	Function Re	-3.23 dBr 600.00 µ -11.28 dBr al suld st noll h 4 no h
Spect Ref L Att SGL 1Pk C 0 dBm 0 dBm 16 dBn 20 dBn 30 dBn	rum evel irw n n n n n n 12 GH	20.00 dB 30 c	m Offset 2. B SWT	52 dB 20 ms	RBW 1 MHz VBW 3 MHz	M1[1] M2	nt1	Function Re	
Spect Ref L Att SGL 1Pk C 10 dBm 40 d	rum evel irw n n n n n n 12 GH	20.00 dB 30 d	m Offset 2. B SWT	52 dB 20 ms	RBW 1 MHz VBW 3 MHz	M1[1] M2	nt1	Function Re	-3.23 dBr 600.00 µ -11.28 dBr al sult co coll n 4 4 4 4 5 4 2.0 ms/

1Pk Clr 0 dBm-	w			M1[1]		-3.89 dBr 930.00 µ
Ref Le Att 5GL	vel 20.00 dBr 30 d		 RBW 1 MHz VBW 3 MHz 			
Spectr	um	Duty (Cycle NVNT g 2	2462MHz Ant1		
te: 25	.JUL.2023 1	13:14:47				
M2 M3	1	248.0 µs 1.642 ms	-10.87 dBm -3.65 dBm	v		20.012000
M1	Ref Trc	X-value 232.0 μs	Y-value -3.68 dBm	Function	Function Re	esult
F 2.43 arker	7 GHz		10001 pt	s		2.0 ms/
70 dBm						
50 dBm				1 1		
40 dBm 50 dBm						
0 dBm						
20 dBm						
LO dBm				THE REPORT OF THE		
	diles. with standile	hang could be a fault been a	the bar will be be	isterni ondi terni ondisti Hiliptoperi Isterne districi	A Conceptor Constrained	namental services
11.11.4	and the second second			M2[1]	A STATE OF A	232.00 µ -10.87 dB
0 dBm-				M1[1]		-3.68 dBr

Function Resu	lt
Function Resu	lt
Eunction Porce	1+
	2.0 ms/
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in a state of the state of the state of the state	In the second sinds
ويعلمون الخزيد فيتحاط والمتعاد	-12.71 dBr
	-8.20 dBr 588.00 µ
NUMBER OF STREET	
440	2141.0401
Function Resu	lt
	2.0 ms/
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inerty and address of a particular	berten unitern
Colline Collinson His	-9.18 dBr
	-15.80 dBr 294.00 µ
	₩

0 dBm - 10 dBm - 20 dBn 40 dBn 40 dBn 50 dBn 60 dBn 70		24 - V25V	X-V	alue 428.0 434.0 1.086) µs	-1	10001 pt 2.27 dbm 9.76 dbm 4.59 dbm	s Func	tion		F	unctio	on Res		0 ms/
20 d8h 20 d6n 30 d6n 40 d6n 50 d6n 60 d8n 70 d8n 70 d8n CF 2.43		24 - V25V	X-V/	alue		Y-0			tion		FI	unctic	on Res		0 ms/
10 dah 20 dan 30 dan 40 dan 50 dan 60 dan	n						10001 pt	5						2	0 ms/
10 dath vi2 20 d6n 30 d6n 40 d6n 50 d6n 60 d8n	n														
10 d8h 12 20 d6n 30 d6n 40 d6n 50 d6n	n														
10 d8m 12 20 d6m 30 d6m 40 d6m	n														
10 dah 12 20 dan 30 dan	n														
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dBm-	الم الم الحال	disale plants	110 water of	141-141		Luter Blas	d Black Black Bla	till and the			calle of calls,	ded us it	alle failte	last or fail	A Sector N
		Ant Anto	A HARA	المعالم الم	Let Let		لملجلم	لاطعارهم	. المدار ال	11	ليل فليل	A.	المر الم		1.00 µ
0 dBm	-		+			-		M	2[1]					-19.	3.00 µ 76 dBr
	T					T		м	1[1]						7 dBr
SGL 1Pk Cl	rw														
Ref L	evel	20.00 dBr 30 d	n Offs B 🖶 SW				1 MHz 3 MHz								
Spect		L													
		_		Dı	uty Cy	cle N	VNT n40	2422	MHz A	Ant1					_
te: 2	5.JUL	.2023 1	3:22:00												
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M2 M3		1		216.0) µs	-1	2.08 dBm 2.44 dBm								
M1	pe Ref Trc X-ve		alue 202.0) µs		alue 8.19 dBm	Func	tion		F	unctio	on Res	ult		
arker		94 - V255													uns/
F 2.4	62 01	17					10001 pt								0 ms/
70 dBn	n			-		-				_		_		-	
60 dBn			1	-	1.	1					16	_	1.64		
50 dBri	n		+	-	-			-	-		1	-			-
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30 dBm	0				-						-		+	+	_
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10 dBr									1						
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		and below	Hadare	Juli		والله	and he has	Harles	2[1]	Johnston	and brack	الم	-	-12.	18 dBr
0 dBm								м	1[1]						19 dBr 2,00 μ
	rw					-									
1Pk Cl		30 d	B 🖷 SW	T 2	0 ms 🖷	VBW	3 MHz								
Att 5GL		20.00 abr	n Off:	set 2.5	54 dB 🖷	RBW	1 MHz								0
Att	evel :														1

Spect		20.00 dB	~ 0	ffcat	0 E0 de	- 00	W 1 MHz							
Att	ever		n 0 B e S				W 3 MHz							
1Pk Ch	rw.		2				12							
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arker	Det	Terel				1	mature	Function	. 1			D		
M1	Ker	1 1	X-	value 20	9.0 μs	+ Y	-value -8.88 dBm	Function		Fu	nction	Resul	u.	
M2		1		21	16.0 µs		-9.92 dBm							
M3		1		86	6.0 µs	1 34	-10.18 dBm							
		.2023	13:25:	46				0 2452MH	z Ant1		600	ľ		P
Specti Ref Le	rum	20.00 dB	m O	46 ffset	Duty 0	Cycle	NVNT n4 W 1 MHz	0 2452MH	z Ant1		6/6		- 11	
Spectr Ref Le Att	rum	20.00 dB		46 ffset	Duty 0	Cycle	NVNT n4	0 2452MH	z Ant1					
Specti Ref Le Att SGL	rum evel :	20.00 dB	m O	46 ffset	Duty 0	Cycle	NVNT n4 W 1 MHz							
Spectr Ref Le Att SGL 1Pk Ch	rum evel (20.00 dB	m O	46 ffset	Duty 0	Cycle	NVNT n4 W 1 MHz	0 2452MH					-10.5	5 dBr
Spectr Ref Le Att SGL 1Pk Ch	rum evel (20.00 dB	m O	46 ffset	Duty 0	Cycle	NVNT n4 W 1 MHz		1					5 dBr
Spectr Ref Le Att 5GL 1Pk Cli 0 dBm-	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att 5GL 1Pk Ch 0 dBm-	rum evel :	20.00 dB	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1]	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att 5GL 1Pk Ch 0 dBm-	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att SGL 1Pk Ch 0 dBm- dBm- 10 dBm	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att 5GL 1Pk Cli 0 dBm- dBm- 10 dBm 20 dBm	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att SGL 1Pk Cli 0 dBm dBm 20 dBm 30 dBm	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att SGL 1Pk Cli 0 dBm dBm 20 dBm 30 dBm	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att 5GL 1Pk Cli 0 dBm- dBm- 20 dBm 30 dBm 40 dBm	rum evel :	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref La SGL 11Pk Cli 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm	rum rw	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref La SGL 11Pk Cli 10 dBm 20 dBm 20 dBm 30 dBm 50 dBm	rum rw	20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le SGL 1Pk Cli 0 dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm		20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1] 	1				98 -23.5	5 dBr .00 µ 2 dBr
Spectr Ref Le Att SGL 1Pk Cli 0 dBm- 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm		20.00 dB 30 d	m O B e S'	46 ffset WT	Duty (2.54 dB 20 ms	Cycle RB B VB	NVNT n4 W 1 MHz W 3 MHz	M1[1]	1				98 -23.53 104	5 dBr .00 µ 2 dBr
Spectr Ref La Att SGL 1Pk Clu 0 dBm 0 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 70 dBm		20.00 dB 30 d	m O B s S'	46: ffset WT	Duty (2.54 dE 20 ms	Cycle RB VB	NVNT n4	M1[1] M2[1]					98 -23.5 104 -23.5 104 	5 dBr .00 µ 2 dBr .00 µ
Spectr Ref La Att SGL 1Pk Clu 0 dBm 0 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 70 dBm		20.00 dB 30 d	m O B s S'	46	Duty (Cycle RB VB	NVNT n4	M1[1]					98 -23.5 104 -23.5 104 	5 dBr .00 µ 2 dBr .00 µ
Spectr Ref Lc Att SGL JPk Cl 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 60 dBm 60 dBm 70 dBm F2 - 243 Type M1 M2		20.00 dB 30 d	m O B s S'	46 ffset wT value 9 10	Duty (2.54 dE 20 ms	Cycle RB VB	NVNT n4	M1[1] M2[1]					98 -23.5 104 -23.5 104 	.00 µ 2 dBr .00 µ 1 h h
Spectr Ref Le Att SGL 101PK Clr 0 dBm- 101dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 60 dBm 60 dBm 60 dBm 50 dBm 60 dBm 60 dBm 70 dBm SF 2.4% marker Type M1		20.00 dB 30 d	m O B s S'	46 ffset wT value 9 10	Duty (2.54 dE 20 ms	Cycle RB VB	NVNT n4	M1[1] M2[1]			nction		98 -23.5 104 -23.5 104 	5 dBr .00 µ 2 dBr .00 µ



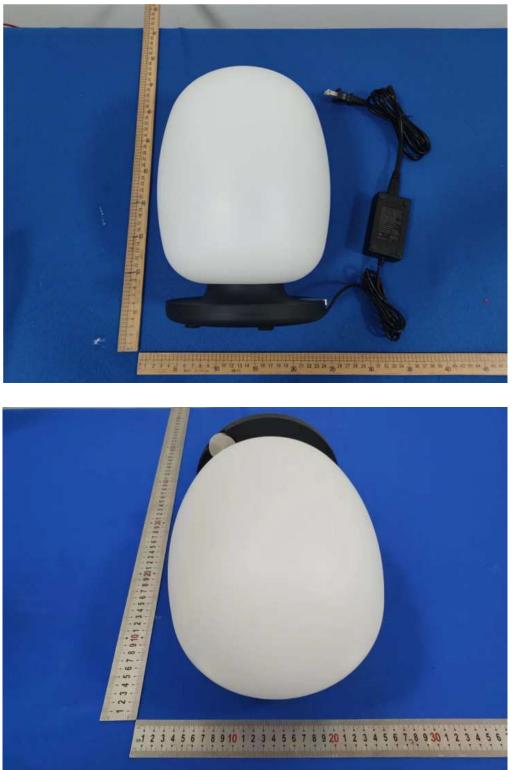
APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

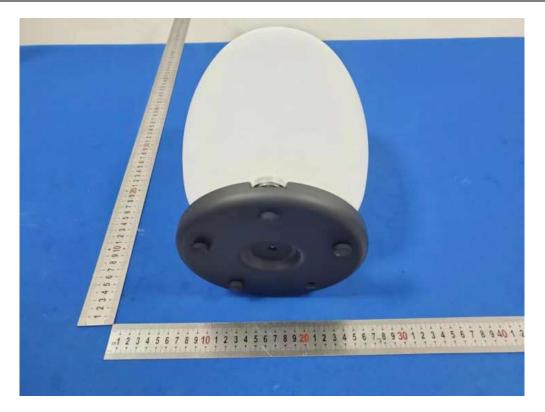


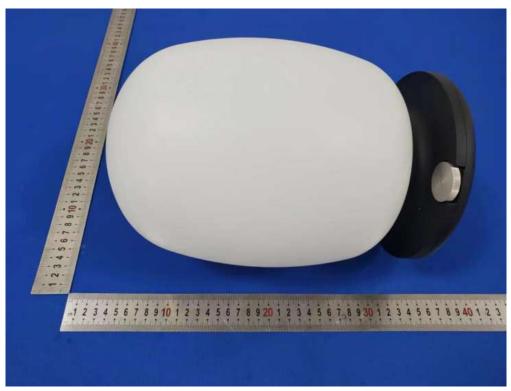


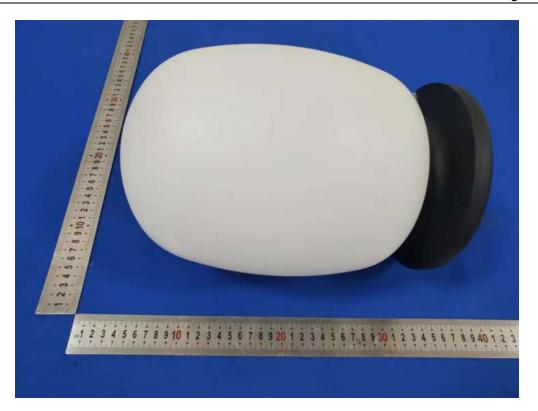
APPENDIX: PHOTOGRAPHS OF THE EUT

External photos

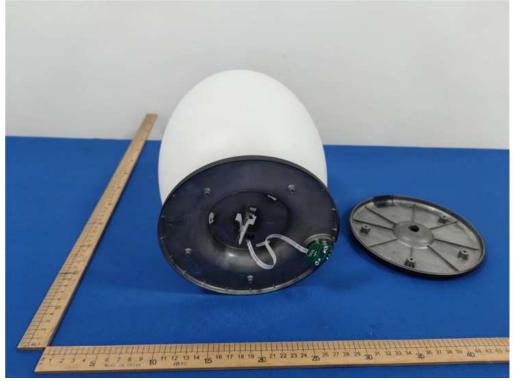


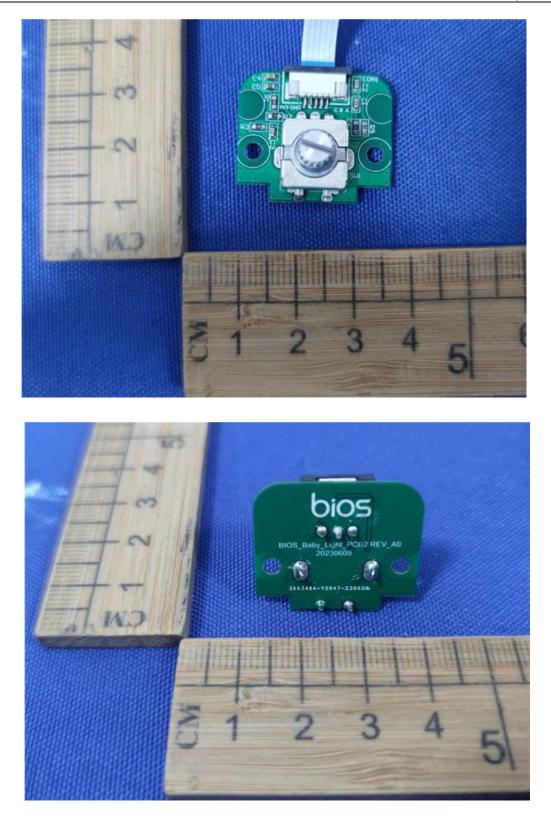




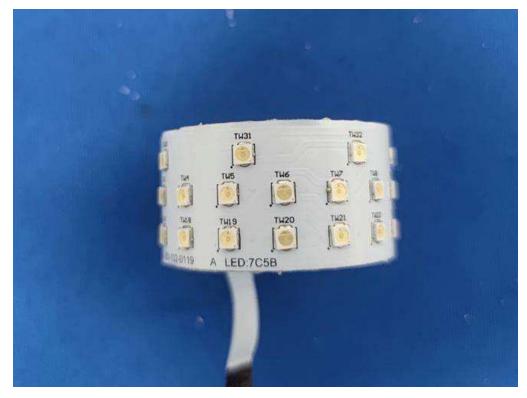


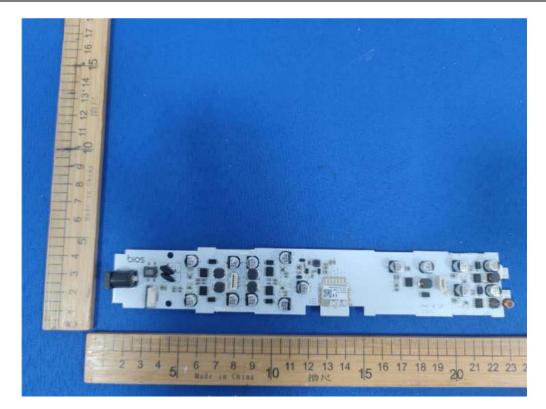
Internal photos

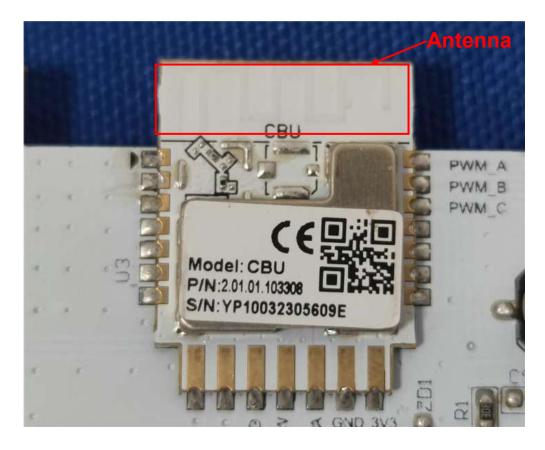


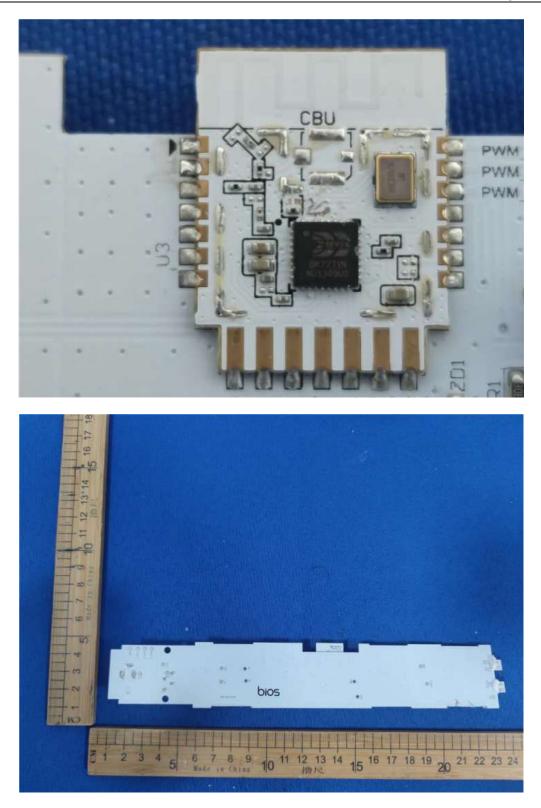












--- End of Report ---