

CFR 47 FCC PART 15 SUBPART C(DSS)

TEST REPORT

For

Call center headset

MODEL NUMBER: JH-101, JH-102, JH-103

REPORT NUMBER: E04A23110665F00101

ISSUE DATE: December 9, 2023

FCC ID: 2APRE-JH-101

Prepared for

SHENZHEN JIUHU TECHNOLOGY CO., LTD 4F, HE Sheng Teng Tech Industrial Park, HuanGuan South Road.10 Guanlan, LongHua,ShenZhen, 518110 China

Prepared by

Guangdong Global Testing Technology Co., Ltd.

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

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

TRF No.: 04-E001-1A Web: www.gtggroup.com TRF Originator: GTG E-mail: info@gtggroup.com TRF Date: 2023-08-25 Tel.: 86-400 755 8988

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	December 9, 2023	Initial Issue	Jok Yang

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 7.8.5	FCC Part 15.247 (b)(1)	Pass
20 dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2013 Clause 6.9.2	FCC Part 15.247 (a)(1)	Pass
Carrier Hopping Channel Separation	ANSI C63.10-2013 Clause 7.8.2	FCC Part 15.247 (a)(1)	Pass
Number of Hopping Frequency	ANSI C63.10-2013 Clause 7.8.3	FCC Part 15.247 (b)(1)	Pass
Time of Occupancy (Dwell Time)	ANSI C63.10-2013 Clause 7.8.4	FCC Part 15.247 (a)(1)	Pass
Conducted Bandedge and Spurious Emission	ANSI C63.10-2013 Clause 6.10.4 & Clause 7.8.8	FCC Part 15.247(d)	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2013 Clause 6.3 & 6.5 & 6.6	FCC Part 15.205/15.209	Pass

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

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

CONTENTS

1. ATTE	STATION OF TEST RESULTS	5
2. TEST	METHODOLOGY	6
3. FACIL	ITIES AND ACCREDITATION	6
4. CALIE	RATION AND UNCERTAINTY	7
4.1.	MEASURING INSTRUMENT CALIBRATION	
4.2.	MEASUREMENT UNCERTAINTY	
5. EQUIF	MENT UNDER TEST	8
5.1.	DESCRIPTION OF EUT	8
5.2.	CHANNEL LIST	8
5.3.	MAXIMUM Peak Output Power	9
5.4.	TEST CHANNEL CONFIGURATION	9
5.5.	THE WORSE CASE POWER SETTING PARAMETER	9
5.6.	DESCRIPTION OF AVAILABLE ANTENNAS	10
5.7.	SUPPORT UNITS FOR SYSTEM TEST	10
5.8.	SETUP DIAGRAM	11
6. MEAS	URING EQUIPMENT AND SOFTWARE USED	12
	URING EQUIPMENT AND SOFTWARE USED	
		14
7. ANTE	NNA PORT TEST RESULTS	14 14
7. ANTE 7.1.	NNA PORT TEST RESULTS Conducted Output Power	14 14
7. ANTE 7.1. 7.2.	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth	14 14
7. ANTE 7.1. 7.2. 7.3.	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth Carrier Hopping Channel Separation	14 14
7. ANTE 7.1. 7.2. 7.3. 7.4.	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth Carrier Hopping Channel Separation Number of Hopping Frequency	14
 ANTE 7.1. 7.2. 7.3. 7.4. 7.5. 7.6. 	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth Carrier Hopping Channel Separation Number of Hopping Frequency Time of Occupancy (Dwell Time)	14
 ANTE 7.1. 7.2. 7.3. 7.4. 7.5. 7.6. 	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth Carrier Hopping Channel Separation Number of Hopping Frequency Time of Occupancy (Dwell Time) Conducted Bandedge and Spurious Emission	14
 7. ANTE 7.1. 7.2. 7.3. 7.4. 7.5. 7.6. 8. RADIA 8.1. 	NNA PORT TEST RESULTS Conducted Output Power 20 dB Bandwidth and 99% Occupied Bandwidth Carrier Hopping Channel Separation Number of Hopping Frequency Time of Occupancy (Dwell Time) Conducted Bandedge and Spurious Emission	
 7. ANTE 7.1. 7.2. 7.3. 7.4. 7.5. 7.6. 8. RADIA 8.1. 	NNA PORT TEST RESULTS Conducted Output Power	
 7. ANTE 7.1. 7.2. 7.3. 7.4. 7.5. 7.6. 8. RADIA 8.1. 9. ANTE 	NNA PORT TEST RESULTS Conducted Output Power. 20 dB Bandwidth and 99% Occupied Bandwidth. Carrier Hopping Channel Separation Number of Hopping Frequency Time of Occupancy (Dwell Time) Conducted Bandedge and Spurious Emission NTED TEST RESULTS Radiated Band edge and Spurious Emission NNA REQUIREMENT	

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: SHENZHEN JIUHU TECHNOLOGY CO., LTD	
Address: 4F, HE Sheng Teng Tech Industrial Park, HuanGuan Road.10 Guanlan, LongHua, ShenZhen, 518110 Chir	

Manufacturer Information

Company Name:	SHENZHEN JIUHU TECHNOLOGY CO., LTD
Address:	4F, HE Sheng Teng Tech Industrial Park, HuanGuan South
	Road 10 Guanlan, LongHua ShenZhen, 518110 China

Factory Information

Company Name:	SHENZHEN JIUHU TECHNOLOGY CO., LTD
Address:	4F, HE Sheng Teng Tech Industrial Park, HuanGuan South
	Road.10 Guanlan, LongHua,ShenZhen, 518110 China

EUT Information

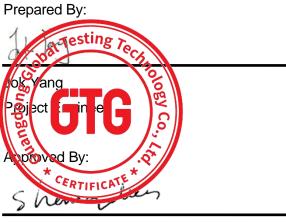
Product Description:	Call center headset
Model:	JH-101
Series Model	JH-102, JH-103
Brand:	/
Sample Received Date:	November 20, 2023
Sample Status:	Normal
Sample ID:	A23110665 002
Date of Tested:	November 26, 2023 to December 8, 2023

APPLICABLE STANDARDS

STANDARD

CFR 47 FCC PART 15 SUBPART C(DSS)

TEST RESULTS Pass



Shawn Wen Laboratory Manager Checked By:

San the

Alan He Laboratory Leader

2. TEST METHODOLOGY

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

3. FACILITIES AND ACCREDITATION

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

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

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

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

4.2. MEASUREMENT UNCERTAINTY

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

Test Items	k	Uncertainty	
DTS Bandwidth 1.96 ±9.2 PPM			
20dB Emission Bandwidth	1.96	±9.2 PPM	
Carrier Frequency Separation 1.96 ±9.2 PPM			
Time of Occupancy 1.96 ±0.57%			
Conducted Output Power 1.96 ±1.5 dB			
Power Spectral Density Level 1.96 ±1.9 dB			
Second conducted Spurious Emission 9 kHz-30 MHz: ± 0.95 dB 1.96 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 emissions9 kHz ~ 30 MHz24.16				
Radiated emissions30 MHz ~ 1 GHz23.79				
Radiated emissions1 GHz ~ 18 GHz25.62				
Radiated emissions18 GHz ~ 40 GHz25.54				
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.				

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name		Call center headset
Model		JH-101
Series Model		JH-102, JH-103
EUT Classification		Class B
Hardware Version		V1.0
Software Version		V1.0
Input Ratings		USB-C:5V / Battery 3.7V
Battery Ratings		JYZ 502535 1.48Wh 3.7V P400mAh
Power Supply	DC	5V
	Battery	3.7V

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Bluetooth Version:	5.2
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Type of Modulation:	GFSK, π/4DQPSK
Number of Channels:	79
Channel Separation:	1 MHz
Maximum Peak Power:	2.01 dBm
Antenna Type:	Internal Antenna
Antenna Gain:	0 dBi
EUT Test software:	BT_Tool

5.2. CHANNEL LIST

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2422	40	2442	60	2462
01	2403	21	2423	41	2443	61	2463
02	2404	22	2424	42	2444	62	2464
03	2405	23	2425	43	2445	63	2465
04	2406	24	2426	44	2446	64	2466
05	2407	25	2427	45	2447	65	2467
06	2408	26	2428	46	2448	66	2468
07	2409	27	2429	47	2449	67	2469
08	2410	28	2430	48	2450	68	2470
09	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476

TRF No.: 04-E001-1A

Global Testing , Great Quality.

15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	/	/

5.3. MAXIMUM PEAK OUTPUT POWER

Test Mode Frequency (MHz)		Channel Number	Maximum Peak Output Power (dBm)	
GFSK	2402 ~ 2480	0-78[79]	-0.02	
π/4DQPSK	2402 ~ 2480	0-78[79]	2.01	

5.4. TEST CHANNEL CONFIGURATION

Test Mode	Test Channel	Frequency
GFSK	CH 0(Low Channel), CH 39(MID Channel), CH 78(High Channel)	2402 MHz, 2441 MHz, 2480 MHz
π/4-DQPSK	CH 0(Low Channel), CH 39(MID Channel), CH 78(High Channel)	2402 MHz, 2441 MHz, 2480 MHz

Note: The hop is hopping mode.

PACKET TYPE CONFIGURATION

Test Mode	Packet Type	Setting (Packet Length)	
	DH1	27	
GFSK	DH3	183	
	DH5	339	
	2-DH1	54	
π/4-DQPSK	2-DH3	367	
	2-DH5	679	

5.5. THE WORSE CASE POWER SETTING PARAMETER

WORST-CASE CONFIGURATIONS

Bluetooth Mode	Modulation Technology	Modulation Type	Data Rate (Mbps)
BR	FHSS	GFSK	1Mbit/s
EDR	FHSS	π/4DQPSK	2Mbit/s

Note: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band						
Test Se	oftware	BT_Tool				
Modulation Type	Transmit Antenna	Test Software setting value				
	Number	CH 00	CH 39	CH 78		
GFSK	1	4	4	4		
π/4DQPSK	1	4	4	4		

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	2402-2480	Internal Antenna	0

Test Mode	Transmit and Receive Mode	Description
GFSK	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
π /4-DQPSK	⊠1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.

5.7. SUPPORT UNITS FOR SYSTEM TEST

No.	Equipment	Manufacturer	Model No.	Serial No.
1	Lenovo	T14	Lenovo	/
2	Adapter	UGREEN	CD170	/
3	Test board	/	/	/

5.8. SETUP DIAGRAM

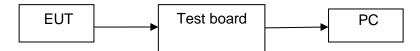
AC conducted emission :



Radiated Emission:



RF conducted:



6. MEASURING EQUIPMENT AND SOFTWARE USED

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

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

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

TRF No.: 04-E001-1A

Global Testing , Great Quality.

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

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

7. ANTENNA PORT TEST RESULTS

7.1. CONDUCTED OUTPUT POWER

<u>LIMITS</u>

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 2			
Section Test Item Limit Frequency Range (MHz)			
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Peak Conduct Output Power	1 watt or 30 dBm	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 7.8.5.

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	>20 dB bandwidth of the emission being measured
VBW	≥RBW
Span	Approximately five times the 20 dB bandwidth, centered on a hopping channel.
Trace	Max hold
Sweep time	Auto

Allow trace to stabilize.

Use the marker-to-peak function to set the marker to the peak of the emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

7.2. 20 DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247 (a) (1)	20 dB Bandwidth	None; for reporting purposes only.	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.9.2.

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
	For 20 dB Bandwidth: 1 % to 5 % of the 20 dB bandwidth For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 20 dB Bandwidth: approximately 3×RBW For 99 % Occupied Bandwidth: ≥ 3×RBW
Span	Approximately 2 to 3 times the 20dB bandwidth
Trace	Max hold
Sweep	Auto couple

a) Use the occupied bandwidth function of the instrument, allow the trace to stabilize and report the measured 99 % occupied bandwidth and 20 dB Bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

TRF No.: 04-E001-1A

7.3. CARRIER HOPPING CHANNEL SEPARATION

LIMITS

CFR 47 FCC Part15 (15.247),			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247 (a) (1)	Carrier Frequency Separation	Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel.	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 7.8.2.

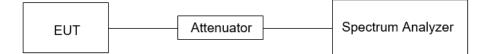
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Span	wide enough to capture the peaks of two adjacent channels
Detector	Peak
RBW	Start with the RBW set to approximately 30 % of the channel spacing; adjust as necessary to best identify the center of each individual channel.
VBW	≥RBW
Trace	Max hold
Sweep time	Auto couple

Allow the trace to stabilize and use the marker-delta function to determine the separation between the peaks of the adjacent channels.

Compliance of an EUT with the appropriate regulatory limit shall be determined.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

7.4. NUMBER OF HOPPING FREQUENCY

LIMITS

CFR 47 FCC Part15 (15.247), Subpart C			
Section	Test Item	Limit	
CFR 47 15.247 (a) (1) III	Number of Hopping Frequency	at least 15 hopping channels	

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 7.8.3.

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

Detector	Peak
RBW	To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
VBW	≥RBW
Span	The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
Trace	Max hold
Sweep time	Auto couple

Set EUT to transmit maximum output power and switch on frequency hopping function. then set enough count time (larger than 5000 times) to get all the hopping frequency channel displayed on the screen of spectrum analyzer, count the quantity of peaks to get the number of hopping channels.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

7.5. TIME OF OCCUPANCY (DWELL TIME)

LIMITS

CFR 47 FCC Part15 (15.247), Subpart C			
Section	Test Item	Limit	
CFR 47 15.247 (a) (1) III	Time of Occupancy (Dwell Time)	The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds, multiplied by the number of hopping channels employed.	

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 7.8.4.

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1 MHz
VBW	≥RBW
Span	Zero span, centered on a hopping channel
Trace	Max hold
Sweep time	As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel

Use the marker-delta function to determine the transmit time per hop (Burst Width). If this value varies with different modes of operation (data rate, modulation format, number of hopping channels, etc.), then repeat this test for each variation in transmit time.

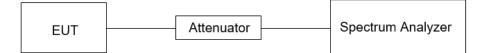
For FHSS Mode (79 Channel):

DH1/3DH1 Dwell Time: Burst Width * (1600/2) * 31.6 / (channel number) DH3/3DH3 Dwell Time: Burst Width * (1600/4) * 31.6 / (channel number) DH5/3DH5 Dwell Time: Burst Width * (1600/6) * 31.6 / (channel number)

For AFHSS Mode (20 Channel):

DH1/3DH1 Dwell Time: Burst Width * (1600/2) * 8 / (channel number) DH3/3DH3 Dwell Time: Burst Width * (1600/4) * 8 / (channel number) DH5/3DH5 Dwell Time: Burst Width * (1600/6) * 8 / (channel number)

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

7.6. CONDUCTED BANDEDGE AND SPURIOUS EMISSION

LIMITS

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

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 7.8.6 and 7.8.8.

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.

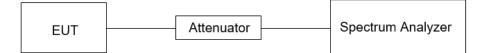
Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.1 ℃	Relative Humidity	52%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section "Test Data" - Appendix A

8. RADIATED TEST RESULTS

LIMITS

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

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

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m Quasi-Peak) at 3 m
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			

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

TRF No.: 04-E001-1A

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

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

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 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, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

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

The setting of the spectrum analyser

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 1 GHz

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

The setting of the spectrum analyser

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.

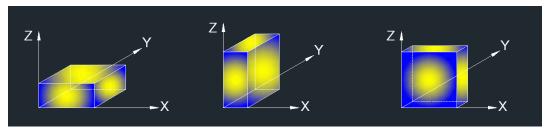
3. The EUT was placed on a turntable with 1.5 m above ground.

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.

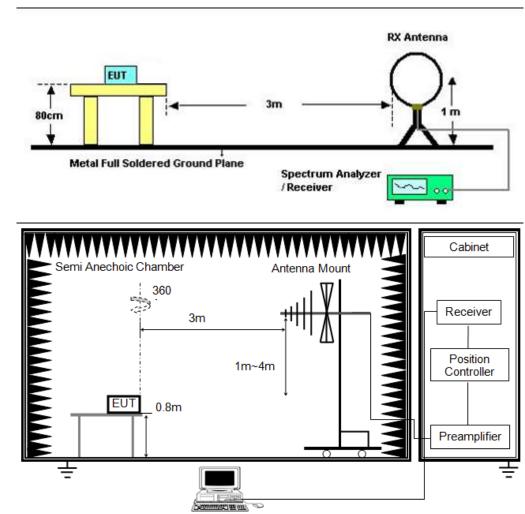
X axis, Y axis, Z axis positions:

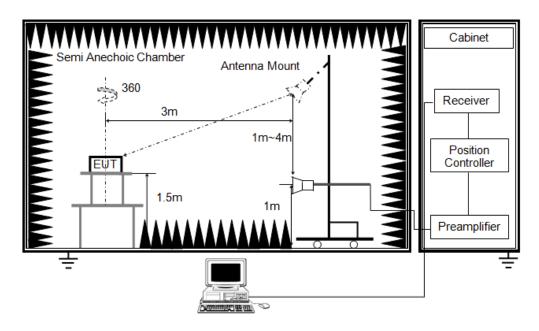


Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

TEST SETUP





TEST ENVIRONMENT

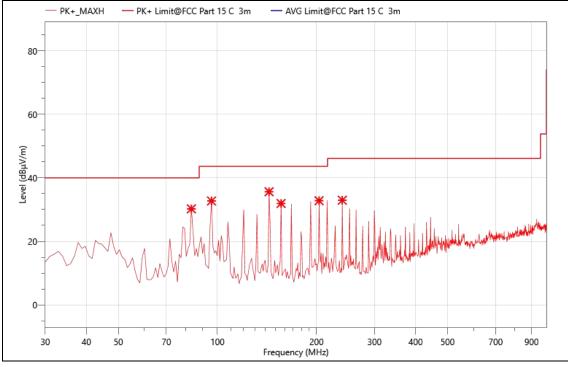
Temperature	24.5 ℃	Relative Humidity	54%
Atmosphere Pressure	101kPa		

TEST RESULTS

Please refer to section 8.1.

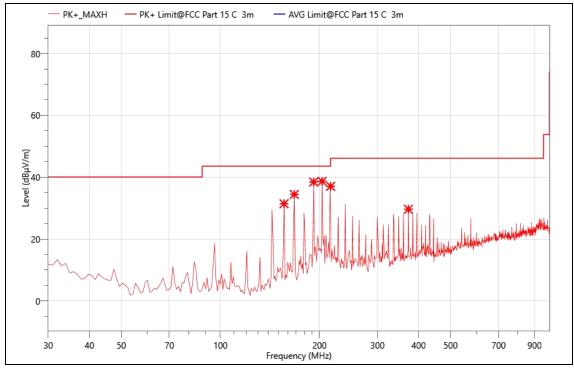
Mode:	2-DH5 2441MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa

8.1. RADIATED BAND EDGE AND SPURIOUS EMISSION



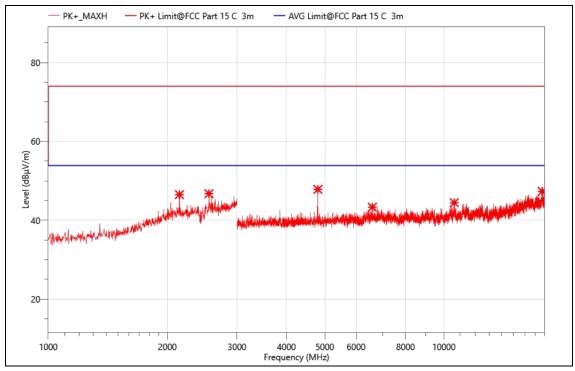
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	83.350	55.82	30.23	40.00	9.77	PK+	V	-25.59
2	95.960	57.20	32.71	43.50	10.79	PK+	V	-24.49
3	143.490	59.14	35.62	43.50	7.88	PK+	V	-23.52
4	156.100	53.16	31.92	43.50	11.58	PK+	V	-21.24
5	203.630	54.61	32.79	43.50	10.71	PK+	V	-21.82
6	239.520	52.61	32.95	46.00	13.05	PK+	V	-19.66

Mode:	2-DH5 2441MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



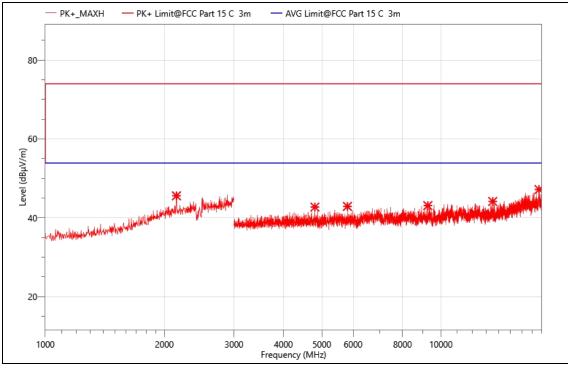
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	156.100	52.67	31.43	43.50	12.07	PK+	Н	-21.24
2	167.740	57.13	34.43	43.50	9.07	PK+	Н	-22.7
3	191.990	61.02	38.45	43.50	5.05	PK+	Н	-22.57
4	203.630	60.50	38.68	43.50	4.82	PK+	Н	-21.82
5	216.240	58.00	37.05	46.00	8.95	PK+	Н	-20.95
6	372.410	44.92	29.66	46.00	16.34	PK+	Н	-15.26

Mode:	2-DH5 2402MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



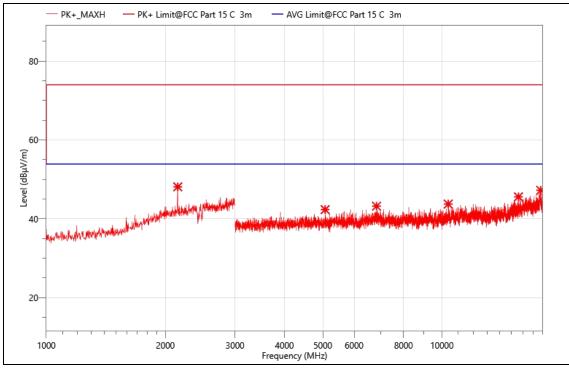
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2146.000	55.55	46.50	74.00	27.50	PK+	Н	-9.05
2	2548.000	54.96	46.74	74.00	27.26	PK+	Н	-8.22
3	4803.000	59.19	47.85	74.00	26.15	PK+	Н	-11.34
4	6595.500	51.72	43.32	74.00	30.68	PK+	Н	-8.4
5	10621.500	49.74	44.46	74.00	29.54	PK+	H	-5.28
6	17722.500	47.63	47.33	74.00	26.67	PK+	Н	-0.3

Mode:	2-DH5 2402MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



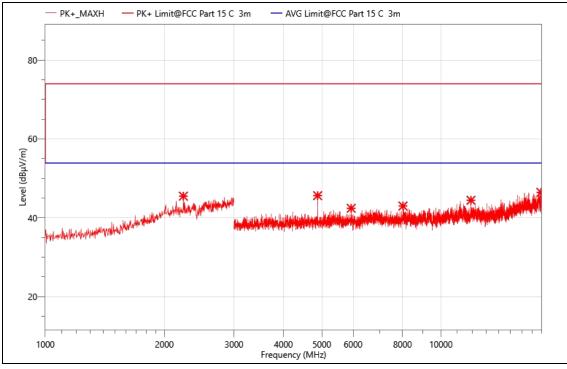
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2146.000	54.62	45.57	74.00	28.43	PK+	V	-9.05
2	4803.000	54.05	42.71	74.00	31.29	PK+	V	-11.34
3	5805.000	52.09	42.88	74.00	31.12	PK+	V	-9.21
4	9267.000	50.14	43.08	74.00	30.92	PK+	V	-7.06
5	13521.000	48.18	44.14	74.00	29.86	PK+	V	-4.04
6	17701.500	47.03	47.17	74.00	26.83	PK+	V	0.14

Mode:	2-DH5 2441MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



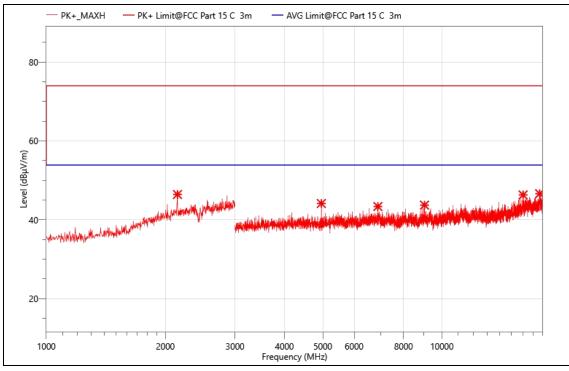
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2150.000	57.15	48.10	74.00	25.90	PK+	V	-9.05
2	5068.500	52.79	42.32	74.00	31.68	PK+	V	-10.47
3	6835.500	51.32	43.19	74.00	30.81	PK+	V	-8.13
4	10375.500	49.47	43.72	74.00	30.28	PK+	V	-5.75
5	15616.500	47.91	45.55	74.00	28.45	PK+	V	-2.36
6	17776.500	47.70	47.21	74.00	26.79	PK+	V	-0.49

Mode:	2-DH5 2441MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



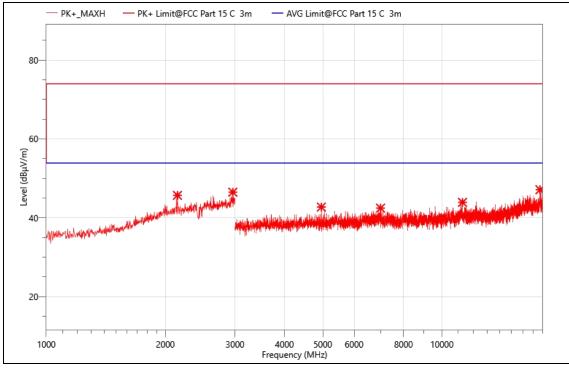
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2234.000	54.60	45.48	74.00	28.52	PK+	Н	-9.12
2	4881.000	56.75	45.61	74.00	28.39	PK+	Н	-11.14
3	5934.000	51.27	42.40	74.00	31.60	PK+	Н	-8.87
4	8019.000	51.01	42.98	74.00	31.02	PK+	Н	-8.03
5	11913.000	48.93	44.43	74.00	29.57	PK+	Н	-4.5
6	17893.500	46.29	46.43	74.00	27.57	PK+	Н	0.14

Mode:	2-DH5 2480MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



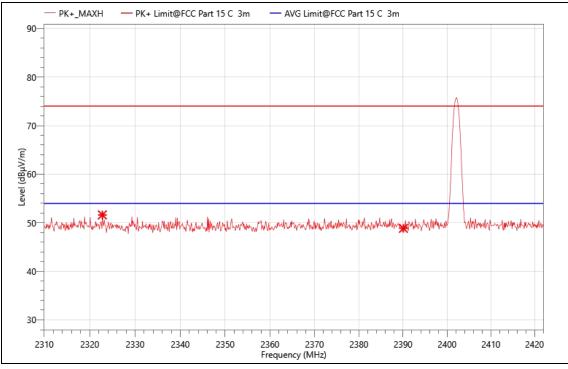
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2146.000	55.46	46.41	74.00	27.59	PK+	Н	-9.05
2	4959.000	55.48	44.13	74.00	29.87	PK+	Н	-11.35
3	6889.500	51.49	43.36	74.00	30.64	PK+	Н	-8.13
4	9039.000	51.09	43.71	74.00	30.29	PK+	Н	-7.38
5	16039.500	48.07	46.30	74.00	27.70	PK+	Н	-1.77
6	17659.500	46.50	46.61	74.00	27.39	PK+	Н	0.11

Mode:	2-DH5 2480MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



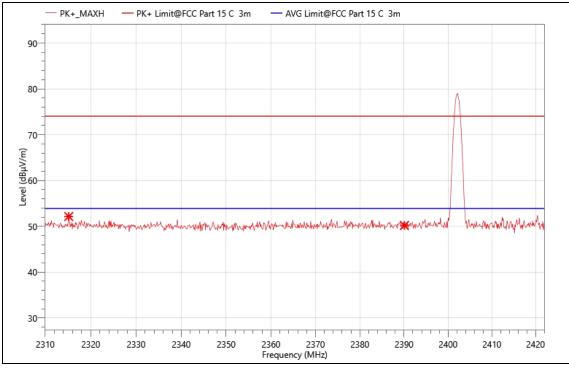
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2146.000	54.73	45.68	74.00	28.32	PK+	V	-9.05
2	2962.000	53.79	46.49	74.00	27.51	PK+	V	-7.3
3	4959.000	54.06	42.71	74.00	31.29	PK+	V	-11.35
4	6997.500	50.21	42.44	74.00	31.56	PK+	V	-7.77
5	11274.000	48.21	43.91	74.00	30.09	PK+	V	-4.3
6	17698.500	46.93	47.12	74.00	26.88	PK+	V	0.19

Mode:	2-DH5 2402MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



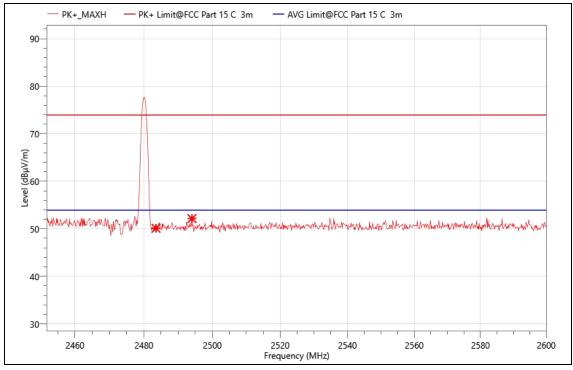
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2322.768	25.77	51.60	74.00	22.40	PK+	V	25.83
2	2390.080	22.88	48.84	74.00	25.16	PK+	V	25.96

Mode:	2-DH5 2402MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



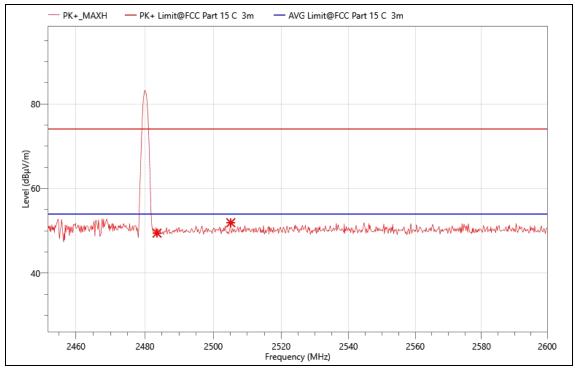
No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2315.152	26.20	52.14	74.00	21.86	PK+	Н	25.94
2	2390.080	24.23	50.19	74.00	23.81	PK+	Н	25.96

Mode:	2-DH5 2480MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2483.524	24.42	50.13	74.00	23.87	PK+	V	25.71
2	2494.032	26.43	52.17	74.00	21.83	PK+	V	25.74

Mode:	2-DH5 2480MHz
Power:	DC 3.7V
TE:	Fall
Date	2023/12/08
T/A/P	24.5°C/54%/101Kpa



No.	Freq. (MHz)	Reading (dBµV)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dBµV/m)	Det.	Pol.	Corr. (dB)
1	2483.524	23.73	49.44	74.00	24.56	PK+	Н	25.71
2	2505.132	26.11	51.91	74.00	22.09	PK+	Н	25.8

9. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

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

DESCRIPTION

Pass

10. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a)

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

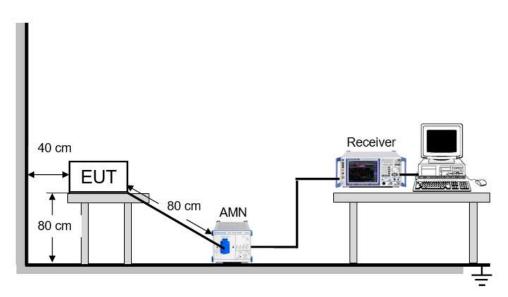
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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 is used to test the emissions from the AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

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

TEST SETUP

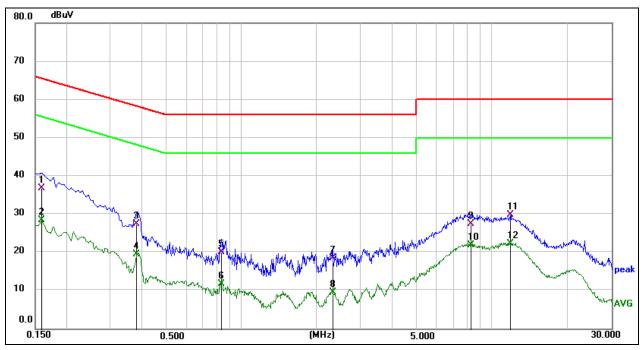


TEST ENVIRONMENT

Temperature	26 ℃	Relative Humidity	54%
Atmosphere Pressure	101kPa		

TRF No.: 04-E001-1A

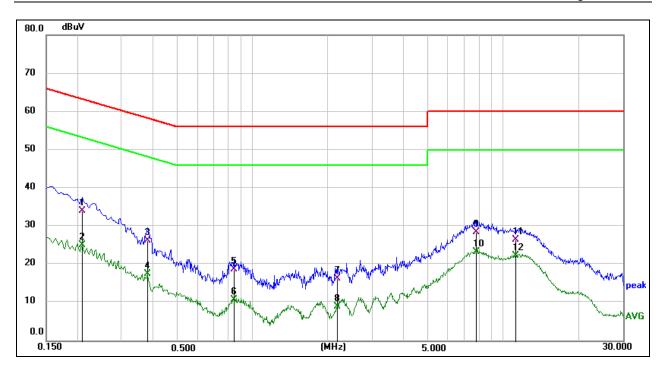
Global Testing, Great Quality.



TEST RESULTS

Dhagar N	Mode: 2-DH5 2441 MHz
Phase: N	Mode: 2-DH5 2441 MHZ

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1590	26.83	9.97	36.80	65.52	-28.72	QP
2	0.1590	18.58	9.97	28.55	55.52	-26.97	AVG
3	0.3795	17.73	9.77	27.50	58.29	-30.79	QP
4	0.3795	9.76	9.77	19.53	48.29	-28.76	AVG
5	0.8340	10.36	9.84	20.20	56.00	-35.80	QP
6	0.8340	1.89	9.84	11.73	46.00	-34.27	AVG
7	2.3100	8.67	9.93	18.60	56.00	-37.40	QP
8	2.3100	-0.25	9.93	9.68	46.00	-36.32	AVG
9	8.2455	17.07	10.33	27.40	60.00	-32.60	QP
10	8.2455	11.66	10.33	21.99	50.00	-28.01	AVG
11	11.9174	19.24	10.63	29.87	60.00	-30.13	QP
12	11.9174	11.73	10.63	22.36	50.00	-27.64	AVG



Phase: L1				Mode: 2-	Mode: 2-DH5 2441 MHz			
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark	

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.2083	24.32	9.78	34.10	63.27	-29.17	QP
2	0.2083	15.36	9.78	25.14	53.27	-28.13	AVG
3	0.3795	16.54	9.76	26.30	58.29	-31.99	QP
4	0.3795	7.85	9.76	17.61	48.29	-30.68	AVG
5	0.8430	8.83	9.87	18.70	56.00	-37.30	QP
6	0.8430	0.85	9.87	10.72	46.00	-35.28	AVG
7	2.1705	6.39	10.01	16.40	56.00	-39.60	QP
8	2.1705	-0.90	10.01	9.11	46.00	-36.89	AVG
9	7.8495	18.01	10.49	28.50	60.00	-31.50	QP
10	7.8495	12.81	10.49	23.30	50.00	-26.70	AVG
11	11.2020	15.97	10.63	26.60	60.00	-33.40	QP
12	11.2020	11.79	10.63	22.42	50.00	-27.58	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).

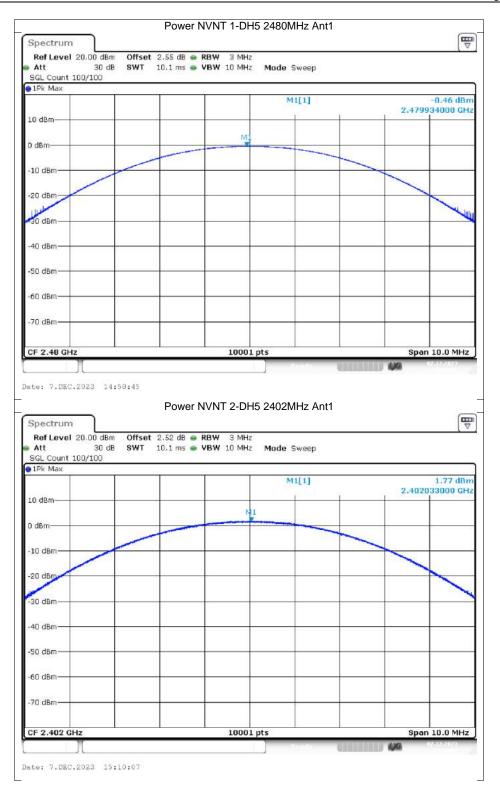
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

11. TEST DATA - Appendix A

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.34	21	Pass
NVNT	1-DH5	2441	Ant1	-0.02	21	Pass
NVNT	1-DH5	2480	Ant1	-0.46	21	Pass
NVNT	2-DH5	2402	Ant1	1.77	21	Pass
NVNT	2-DH5	2441	Ant1	2.01	21	Pass
NVNT	2-DH5	2480	Ant1	1.6	21	Pass

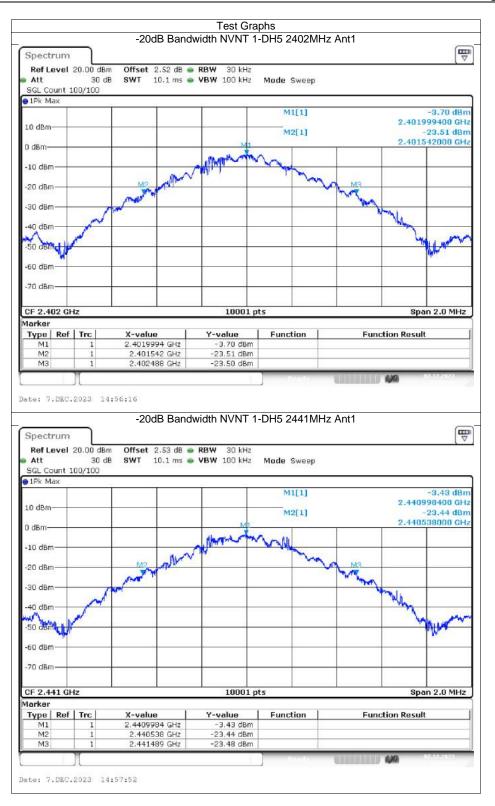


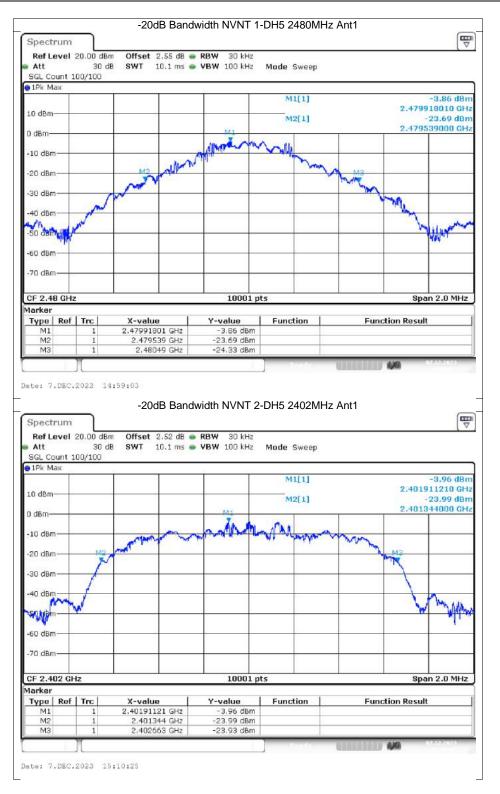


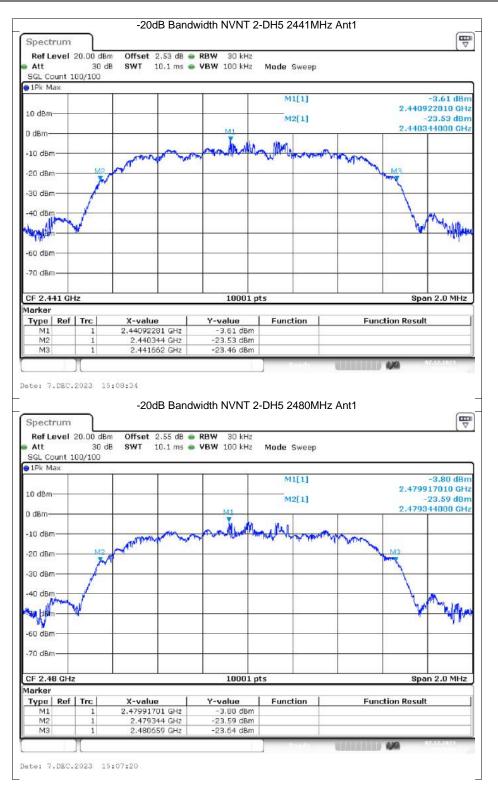


-20dB Bandwidth

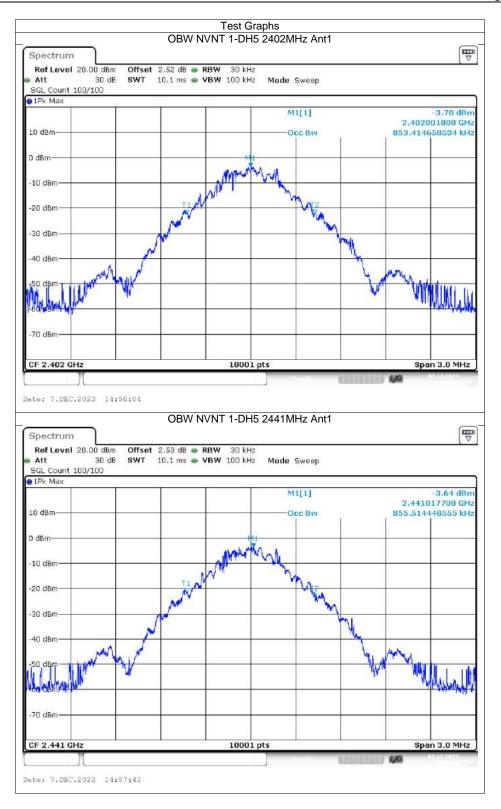
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)
NVNT	1-DH5	2402	Ant1	0.946
NVNT	1-DH5	2441	Ant1	0.951
NVNT	1-DH5	2480	Ant1	0.951
NVNT	2-DH5	2402	Ant1	1.319
NVNT	2-DH5	2441	Ant1	1.318
NVNT	2-DH5	2480	Ant1	1.316

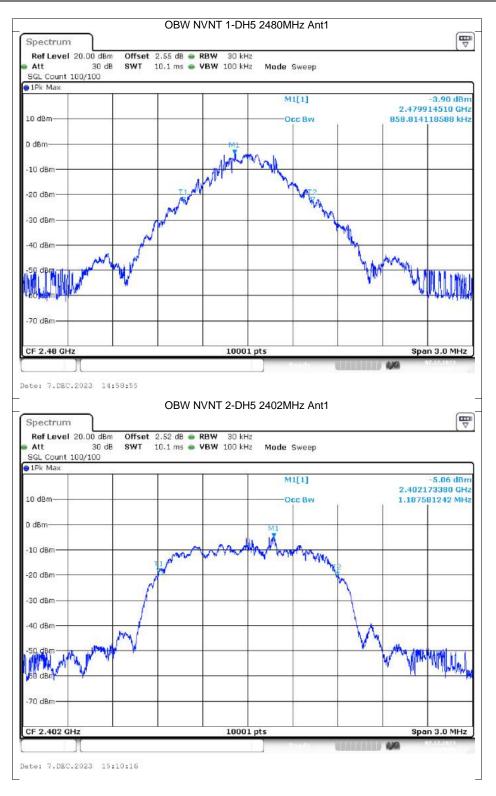


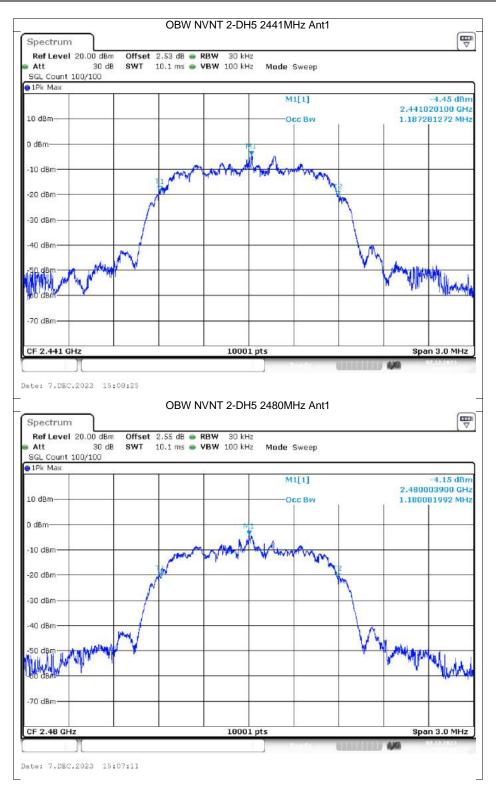




Occupied Channel BandwidthConditionModeFrequency (MHz)NVNT1-DH52402 99% OBW (MHz) Antenna Ant1 0.853 NVNT 1-DH5 2441 Ant1 0.856 2480 0.859 NVNT 1-DH5 Ant1 NVNT 2-DH5 2402 Ant1 1.188 2441 NVNT 2-DH5 Ant1 1.187 2-DH5 2480 NVNT Ant1 1.18

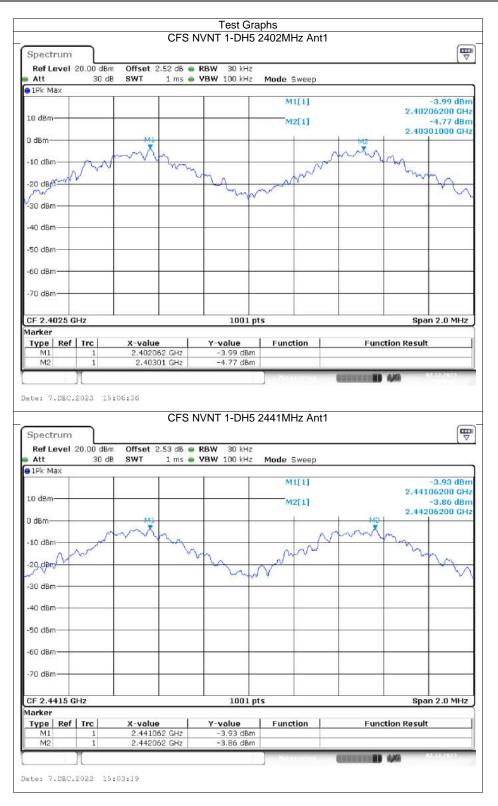


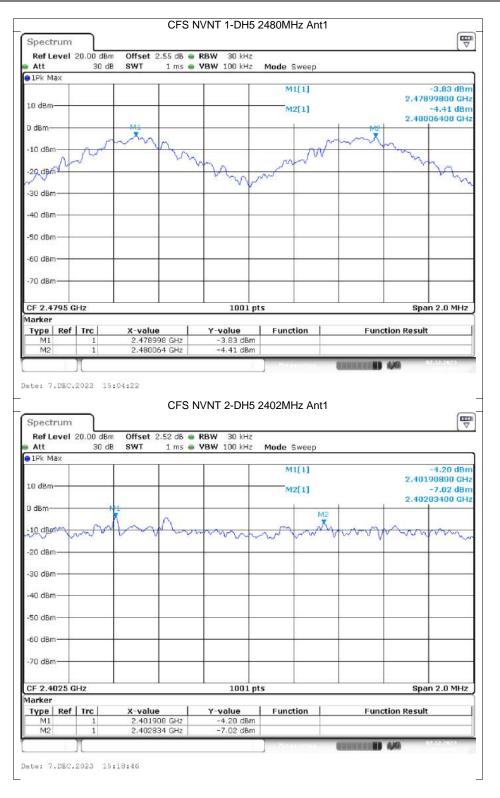


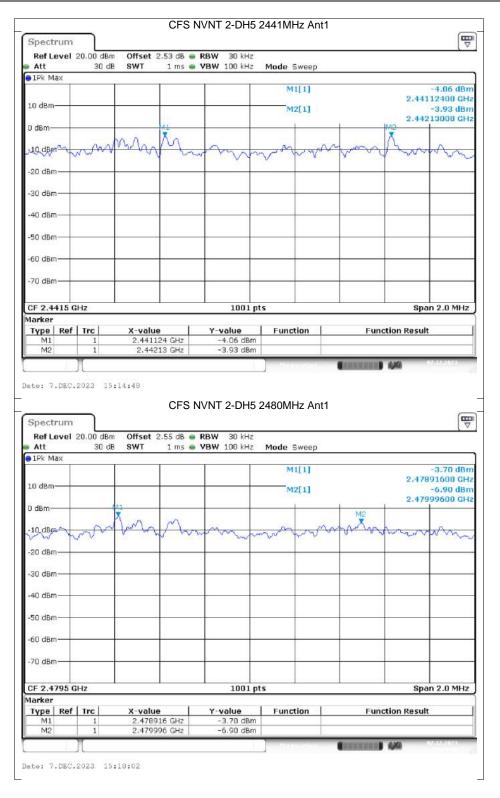


•••••							
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.062	2403.01	0.948	0.631	Pass
NVNT	1-DH5	Ant1	2441.062	2442.062	1	0.634	Pass
NVNT	1-DH5	Ant1	2478.998	2480.064	1.066	0.634	Pass
NVNT	2-DH5	Ant1	2401.908	2402.834	0.926	0.879	Pass
NVNT	2-DH5	Ant1	2441.124	2442.13	1.006	0.879	Pass
NVNT	2-DH5	Ant1	2478.916	2479.996	1.08	0.877	Pass

Carrier Frequencies Separation







Number of Hopping Channel

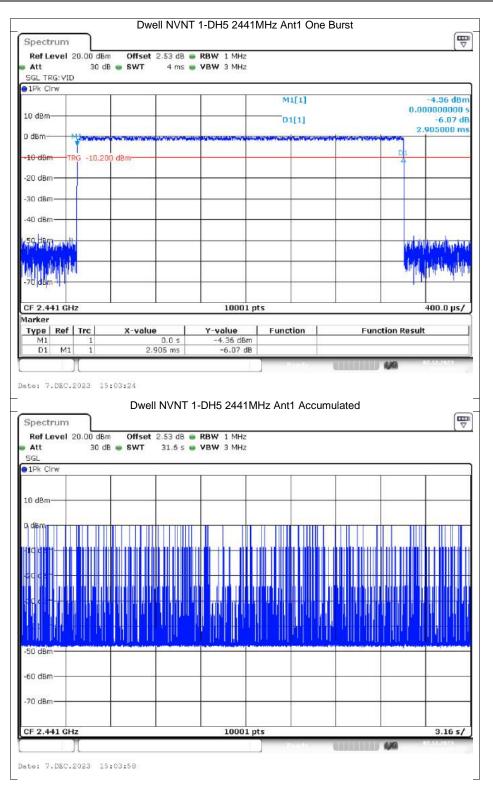
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass

20.00 dBm 30 dB	Offset 2). NVNT 1-	raphs DH5 240	2MHz An	t1		
								ſ
30 08			BW 100 kHz BW 300 kHz		Pwoon			
	owi	1 105	DW 300 KH2	Moue :	ымеер			
				M	1[1]		0.40	-1.31 dE
				M	2[1]			20040 G -1.54 dE
				0.00		0	2.47	9909 <u>5</u> 2
MADAAA	hhhhhhhh	DAADADAA	TANANAN	MANAANAJ	i ABAAADAO	ADADADAA	NANAAAA	AAAAA
WWW	1010110	WWWW		1.1111	TERVIN	est y y y la gan	MUVEY IV	JYW -
4	a. M. Lan	ALUSING		04048401	ALTERNA.	IN THE THAN I	NAT LATAL	n ka sil
						-		
			1001		()	1	Oton 0	1005.01
			1001	prs			atup z.	4033 GF
Trc			Y-value		tion	Fund	tion Result	
1				- 24 d A	a contrata da la contrata da	COLUMN STREET, ST. B.	449	10101-21
		sppingrie						ſ
0.00 dBm 30 dB					Sweep			
				M	1[1]			
							2.40	-5.26 dE 15865 G
			-	M	2[1]			15865 G -1.82 dE
					1		2.48	15865 G -1.82 dE 02435 G
WWW	ranno	white	Annama		1	MANNA	2.48	15865 G -1.82 dE 02435 G
www	www	whith	NNIAMA		1	MANNA	2.48	15865 G -1.82 dE 02435 G
www.	www	which	MMAMA		1	MMMM	2.48	15865 G -1.82 dE 02435 G
WWW	www	nopwinds	www		1	Munhuha	2.48	15865 G -1.82 dE 02435 G
www	www	www.h	wwww		1	Mandadh	2.48	15865 G -1.82 dE 02435 G
www	www	www.h	MMAMA		1	MANAMA	2.48	15865 G -1.82 dE 02435 G
www.	www	wywin/w	MMAM		1	MANAN	2.48	15865 G -1.82 dE 02435 G
in man	www	wyw.w	MWAMA		1	MANAM	2.48	15865 G -1.82 dE 02435 G
www		wyw.w	MMMM		1	MANAM	2.48	15865 G -1.82 dE 02435 G
			MMMM		1	MM-MMA	2.48	15865 G -1.82 dE 02435 G
			MMMM		1	MMMMM	2.48	15865 G -1.82 dE 02435 G
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1	MMMMM	2.48	15865 G -1.82 de 02435,22 WWW
2 2			1001	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1	M/m/M/M	2.48	15865 G -1.82 dE 02435 G
z	X-value		1001 Y-value	pts			2.48	15865 G -1.82 de 02435 g WWW
z		65 GHz	1001	pts			2.48	15865 G -1.82 de 02435 g WWW
	1 023 15:	Trc         X-value           1         2.40201           1         2.47990!           023         15:01:34           Ho           0.00 dBm         Offset 2	Trc         X-value           1         2:402004 GHz           1         2:4799095 GHz           023         15:01:34           Hopping Nc           0.00 dBm         Offset 2.52 dB • R	Trc         X-value         Y-value           1         2.402004 GHz         -1.31 dBn           1         2.4799095 GHz         -1.54 dBn           023         15:01:34         Hopping No. NVNT 2-           0.00 dBm         Offset 2.52 dB • RBW 100 kHz	Trc         X-value         Y-value         Funct           1         2.402004 GHz         -1.31 dBm         1           1         2.4799095 GHz         -1.54 dBm         1           023         15:01:34         Image: State S	Trc         X-value         Y-value         Function           1         2.402004 GHz         -1.31 dBm         1           1         2.4799095 GHz         -1.54 dBm         1           023         15:01:34         1         2.4020MHz         An           0.00 dBm         Offset         2.52 dB         RBW         100 kHz           30 dB         SWT         1 ms         VBW 300 kHz         Mode         Sweep	Trc         X-value         Y-value         Function         Function           1         2:402004 GHz         -1.31 dBm         1           1         2:4799095 GHz         -1.54 dBm         1           023         15:01:34         1         1           Hopping No. NVNT 2-DH5 2402MHz Ant1           0.00 dBm         Offset 2.52 dB • RBW 100 kHz	Trc         X-value         Y-value         Function         Function Result           1         2.402004 GHz         -1.31 dBm         1         1         2.4799095 GHz         -1.54 dBm         1           023         15:01:34         Image: Contract of the second secon

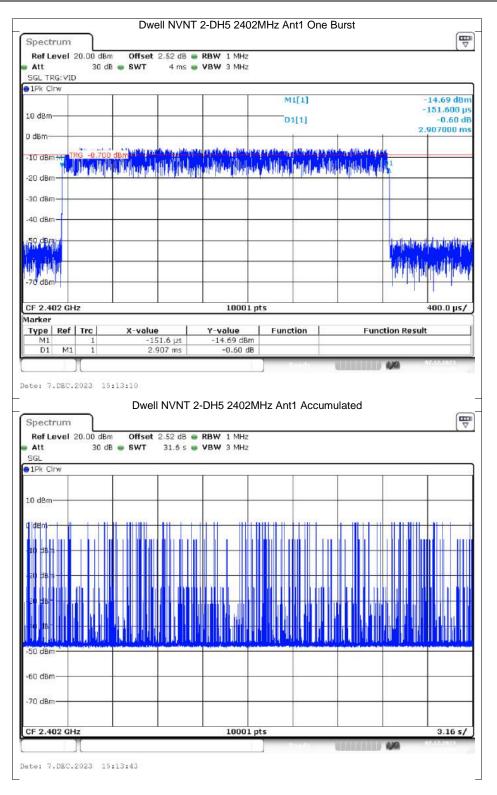
## **Dwell Time**

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.905	328.265	113	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.905	299.215	103	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.904	313.632	108	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.907	258.723	89	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.911	311.477	107	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.911	311.477	107	31600	400	Pass

			D	well NVN	T 1-DH5 24	Graphs 102MHz Ar	nt1 One	e Burst		
Spect	rum									ſ
Ref Li	evel :	20.00	dBm Offse IdB 🕳 SWT		RBW 1 MH VBW 3 MH					
SGL TR	_		1 UB 🥌 3 W I	4 115		<b>2</b>				
1Pk Cl	rw		1	1		M	1[1]			-4.48 dE
10 dBm	_		_				1[1]			0.00000000
0 dBm-		41	_	_			anter de Frankeiser der	1		2.9050001
		T	******		*****	JANTON AND PROV	1	-WINTER PROPERTY AND AND A		
10 dBm	I-TF	RG -10	.500 dBm						4	
-20 dBm	1			-						
-30 dBm	1	7	-	-				-		
-40 dBm	1 <del></del> -	-	-	-		-				
-501dBg	ithe .									
an dha	r ::: An aradi									ana dia mandri ang
<b>Haller</b>	Lo La la									
-70 dBm										
CF 2.4	02 GH	z			1000	01 pts				400.0 µs
Marker Type	Ref	Trc	X-va	ue	Y-value	Func	tion	1	Function R	esult
M1 D1	M1	1		0.0 s 2.905 ms	-4.48 d -6.00					
	Contract of the local division of the local					OB				
ato: 7	.DEC.	2023	15:01:40 Dw	ell NVNT	1-DH5 240		1 Accu	mulated	4,49	S/ADSINST
Spect	rum		Dw			2MHz Ant	1 Accu	mulated	448	57233355 [E
Spect Ref Li Att	rum	20.00	Dw	at 2.52 dB	1-DH5 240 ■ RBW 1 MH ■ VBW 3 MH	2MHz Ant	1 Accu	mulated	4/4	17333555 [[
Spect RefL Att SGL	rum evel (	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu	mulated	4/4	[
Spect RefL Att SGL	rum evel (	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu	mulated	4,40	[
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu	mulated	4,40	(I
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu	mulated		[ [
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu			
Spect Ref Lo Att SGL 1Pk Cl	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu			
Spect Ref Lo Att SGL 1Pk Cl	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu			
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant	1 Accu			
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spect Ref L Att SGL 1Pk C	rum evel : rw	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spects Ref Li SGL 91Pk Cl 10 dBm - 10 dBm - 10 10 dBm - 10 dBm - 10 dBm - 10 dBm - 1	rum evel (	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spect Ref Lo Att SGL 1Pk Cl	rum evel (	20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spects Ref Li SGL 91Pk Cl 10 dBm - 10 d		20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spects Ref Li SGL 91Pk Cl 10 dBm -0,d8m- -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm		20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spects Ref Li SGL 9 1Pk Cl 10 dBm - 10 dBm		20.00	Dw JBm Offse	at 2.52 dB	BBW 1 MH	2MHz Ant				
Spects Ref Li SGL 91Pk Cl 10 dBm -0,d8m- -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm		20.00	Dw JBm Offse	at 2.52 dB	RBW 1 MH     VBW 3 MH	2MHz Ant				(1)



Spectrum         Image: Spectrum </th
Att         30 dB         SWT         4 ms         VBW 3 MHz           SGL TRG:VID         Image: SGL TRG:VID         Image: SGL TRG:VID         Image: SGL TRG:VID           In dBm         Image: SGL TRG:VID         Image: SGL TRG:VID         Image: SGL TRG:VID         Image: SGL TRG:VID           In dBm         Image: SGL TRG:VID         Image: SGL TRG: SGL TRG:VID         Image: SGL TRG: SGL
SGL TRG: VID                • 1Pk Clrw            10 dBm           D1[1]           -17.93 dBm           -28.400 µs           -1[1]           -135 dB           2.904000 ms
10 dBm 0 dBm
10 dBm
10 dBm D1[1] -1.35 dB 0 dBm 2.904000 ms
D dBm
-10 dBm TRS -10.600 dBm 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-20 dBm
-20 dBm
-30 dBm
-40 dBm
NER ON UNIT
a solution a second
-70 dBm
CF 2.48 GHz 10001 pts 400.0 µs/
Marker Type Ref Trc X-value Y-value Function Function Result
M1 1 -28.4 µs -17.93 dBm
D1 M1 1 2.904 ms -1.35 dB
Date: 7.DEC.2023 15:04:28
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated
Spectrum 🕎
Ref Level 20.00 dBm Offset 2.55 dB  RBW 1 MHz
Att 30 dB SWT 31.6 s VBW 3 MHz SGL
IPk Cirw
10 dBm
and the second sec
P (1800)
110 43
Hadi qat
a contra sector de la contra de l
-S0 dBm
-60 dBm
-70 dBm-
CF 2.48 GHz 10001 pts 3.16 s/
Ready WAISSISS
Date: 7.DEC.2023 15:05:01

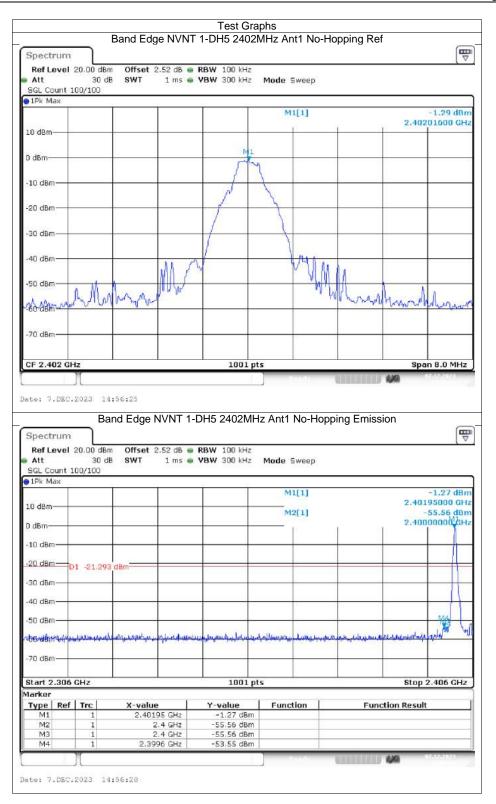


Dwell NVNT 2-DH5 2441MHz Ant1 One Burst												
Spectrum 🕎												
Ref Level 20.00 dBr												
Att 30 d SGL TRG: VID	B 🖷 SWT 4 ms 📟	VBW 3 MHz										
1Pk Clrw				]								
			M1[1]	-3.68 dBm								
10 dBm	0.000000000 s											
0 dBm M1M1												
Y Contraction of the second	abilitatish at hat hitespears efter	A dependente la production de la facto	and the second statement of the second	anter i le da pal								
-10 dBm TRG -8.500	) dBm			4								
-20 dBm												
-30 dBm												
-40 dBm												
50 dBm				1 internet and								
he de the le campel				<b>Multiply of Adv.</b> Personal								
the sold all doubles.				L. Jacobaldini								
-70 dBm				4 14 14 14								
CF 2.441 GHz		10001 pts		400.0 µs/								
Marker Type   Ref   Trc	X-value	Y-value   Fun	ction Fu	nction Result								
M1 1	0.0 s	-3.68 dBm										
D1 M1 1	2.911 ms	-6.36 dB										
			Reads	100								
Date: 7.DEC.2023 15	:14:54											
-	Dwell NVNT 2	-DH5 2441MHz Ar	t1 Accumulated	-								
Spectrum		-										
Ref Level 20.00 dBr	n Offset 2.53 dB 🖷	RBW 1 MHz		(v)								
<b>att</b> 30 d		VBW 3 MHz										
SGL 1Pk Cinw												
JPR OIN												
10 d8m												
10 ubiii												
¢ dBm												
-10 dim												
on the second second												
				a di shi ka ma								
	, is a second se											
e Differ - orgenitie												
-50 dBm												
-50 dBm												
-60 dBm			+									
-70 dBm												
		1 1										
CF 2.441 GHz		10001 pts		3.16 s/								
CF 2.441 GHz		10001 pts	Reads	3.16 s/								
CF 2.441 GHz	.15:28	10001 pts	Réndy	3.16 s/ )								

	Dwell	NVNT 2	2-DH5 248	30MHz Ai	nt1 One E	lurst						
Spectrum												
Ref Level 20.00 dB	m Offset 2	.55 dB 🖷 I	RBW 1 MHz									
<b>att</b> 30 d	B 🖷 SWT		VBW 3 MHz									
SGL TRG: YID												
●1Pk Clrw	T T			M	1[1]			-4.15 dBm				
	M1[1] -4.15 dBm 0.000000000 s											
10 dBm D1[1] -6.24 dB												
0 dBm Misses in the second sec												
	a fa an	hadredenging	father the lite has the	- and a ball of the second	And Bankers	and the second stands	all and a second					
-10 dBm TRG -8.90	J GBRC						*					
-20 dBm	+											
-30 dBm												
-40 dBm	+						_					
								and the second				
FP (FB (P) (F) (III)	-						1 The	r of marines				
the day by tasks							- disti	, il ni llan.				
Land and the second							in the					
-70 dBm												
						·						
CF 2.48 GHz Marker			1000	Lpts				400.0 µs/				
Type Ref Trc	X-value	E.	Y-value	Func	tion	Fund	tion Resu	t I				
M1 1		0.0 s	-4.15 dB	m								
D1 M1 1	2.91	1 ms	-6.24 0	B								
							446	(WARANS)				
Date: 7.DEC.2023 1	5:15:57											
								-				
		NVNT 2-	DH5 2480	MHz Ant	1 Accum	ulated						
Spectrum		NVNT 2-	DH5 2480	MHz Ant	1 Accum	ulated						
Ref Level 20.00 dB	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant	1 Accum	ulated						
RefLevel 20.00 dB Att 30 d	Dwell M	.55 dB 😑 I		MHz Ant	1 Accum	ulated						
RefLevel 20.00 dB Att 30 d SGL	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant	1 Accum	ulated						
RefLevel 20.00 dB Att 30 d	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant	1 Accum							
Ref Level 20.00 dB Att 30 d SGL 1Pk Cinw	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant		ulated						
RefLevel 20.00 dB Att 30 d SGL	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB Att 30 d SGL 1Pk Clrw 10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB Att 30 d SGL 1Pk Cinw	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant				(The second seco				
Ref Level 20.00 dB           Att         30 d           SGL           IPk Clrw           10 dBm           I0 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB Att 30 d SGL 1Pk Clrw 10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           IPk Clrw           10 dBm           I0 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           1Pk Clrw           10 dBm           10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	MHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           1Pk Clrw           10 dBm           10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           1Pk Clrw           10 dBm           10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           1Pk Clrw           10 dBm           10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL           1Pk Clrw           10 dBm           10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL         91Pk Clrw           10 dBm         10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -50 dBm         -50 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level 20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz	OMHz Ant								
Ref Level         20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -50 dBm         -60 dBm           -70 dBm         -70 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz VBW 3 MHz									
Ref Level 20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -50 dBm         -50 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz					3.16 s/				
Ref Level         20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -50 dBm         -60 dBm           -70 dBm         -70 dBm	Dwell M	.55 dB 😑 I	RBW 1 MHz VBW 3 MHz									
Ref Level         20.00 dB           Att         30 d           SGL         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           10 dBm         10 dBm           -10 dBm         10 dBm           -50 dBm         -60 dBm           -70 dBm         -70 dBm	Dwell N	.55 dB 😑 I	RBW 1 MHz VBW 3 MHz									

# Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.25	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.24	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-52.71	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.42	-20	Pass



Spectrum							opping Ref		
Ref Level		n Offset 2	.55 dB 🖷 1	RBW 100 kH	z				1
Att	30 d			VBW 300 kH		Sweep			
SGL Count 1Pk Max	100/100								
IFR ORDA	<u>.</u>	1 1		Ť	м	1[1]			-1.28 dB
000000					1.000	17	<b>a</b>	2.479	95200 GF
10 dBm		-					-		
) dBm				M	1				
J dBm				M	M				
10 dBm-									
				1	1				
20 dBm-		-			1		-		
				1	1				
30 dBm-		-		1					
10.00000000									
-40 dBm	5		. hm	X	)	WAY IN			ð
50 dBm-		0.0					1 1		
A .	MA	Maria	/him			m	halulu	Acres A	
or GBAT	why why	Arada a sorta	1000				as manday	man	man
70 dBm —	-			-			+		
CF 2.48 GH	z			1001	pts			Spa	n 8.0 MH:
								100	The state of the
ite: 7.DEC Spectrum	Ba	and Edge N	IVNT 1-E	DH5 2480N	/Hz Ant1	No-Hopp	ing Emiss	ion	Ē
	Ba	and Edge N	.55 dB 🖷 I	DH5 2480N RBW 100 kH VBW 300 kH	z		ing Emiss	ion	Ē
Spectrum Ref Level Att SGL Count	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z		ing Emiss	ion	Ē
Spectrum Ref Level Att SGL Count	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z z Mode	Sweep	ing Emiss	ion	
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z z Mode		ing Emiss		-1.63 dB
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm	20.00 dBr 30 d	and Edge N	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	20.00 dBr 30 d	n Offset 2 B SWT	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 59.43 dB 50000 GF
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB 🖷 I	<b>RBW</b> 100 kH	z Mode M	Sweep	ing Emiss	2.480	-1.63 dB 05000 GF 58.43 dB
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm 50 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB ● 1 1 ms ● '	RBW 100 kH	z Mode M M	Sweep 1[1] 2[1]		2,480	-1.63 dB 05000 Gł 59.43 dB 50000 Gł
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB ● 1 1 ms ● '	RBW 100 kH	z Mode M M	Sweep 1[1] 2[1]		2,480	-1.63 dB 05000 Gł 59.43 dB 50000 Gł
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm 50 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB ● 1 1 ms ● '	RBW 100 kH	z Mode M M	Sweep 1[1] 2[1]		2,480	-1.63 dB 05000 Gł 59.43 dB 50000 Gł
Spectrum Ref Level Att SGL Count 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB ● 1 1 ms ● '	RBW 100 kH	z Mode M	Sweep 1[1] 2[1]		2.480 2.483	-1.63 dB 05000 GF 59.43 dB 50000 GF
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 30 dBm 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm	Ba 20.00 dBr 30 d 100/100	n Offset 2 B SWT	.55 dB ● 1 1 ms ● '	RBW 100 kH	z Mode M	Sweep 1[1] 2[1]		2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł
Spectrum Ref Level Att SGL Count IPk Max IO dBm IO	Ba 20.00 dBr 30 d 100/100 D1 -21.284	and Edge N m Offset 2 8 SWT dBm dBm dBm	.SS dB  Ims ' '	RBW 100 kH	z Mode M M M	Sweep 1[1] 2[1]	eup furn ky. Luk	2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł 20000 Gł
Spectrum Ref Level Att SGL Count 1Pk Max 10 dBm 10 dBm 30 dBm 30 dBm 40 dBm 50 dBm 70 dBm 70 dBm	Ba 20.00 dBr 30 d 100/100 D1 -21.284	n Offset 2 B SWT	.55 dB	RBW 100 kH	Z Mode	Sweep 1[1] 2[1]	eup furn ky. Luk	2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł 20000 Gł
Spectrum Ref Level Att SGL Count IPk Max ID dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm Ref Expectrum 10 dBm 10 dBm	Ba 20.00 dBr 30 d 100/100 D1 -21.284 crossing ba crossing ba crossing ba	And Edge N m Offset 2 B SWT dBm dBm dBm dBm dBm dBm dBm dBm	.SS dB ● 1 1 ms ● 1 utpdtpatotype	RBW 100 kH VBW 300 kH	z Mode M M M M M M M Func m m	Sweep 1[1] 2[1]	eup furn ky. Luk	2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł 20000 Gł
Spectrum Ref Level Att SGL Count IPK Max 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm 40 dBm 50 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm 8 dBm 9 dBm	Ba 20.00 dBr 30 d 100/100 D1 -21.284	And Edge N		RBW 100 kH VBW 300 kH	z Mode	Sweep 1[1] 2[1]	eup furn ky. Luk	2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł 20000 Gł
Spectrum Ref Level Att SGL Count IPk Max IO dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm 81 dBm 10 dBm	Ba 20.00 dBr 30 d 100/100 01 -21.28* 0 CH2 CH2 Trc 1 1 1	And Edge N	.55 dB ● 1 1 ms ● 1 	RBW 100 kH VBW 300 kH	z Mode	Sweep 1[1] 2[1]	eup furn ky. Luk	2.480 2.483	-1.63 dB 05000 Gł 59.43 dB 50000 Gł 20000 Gł

		Band Edg	-						(=
Spectrum				BBIII PROVIDE					1
Ref Level Att	20.00 dBn 30 dB			RBW 100 kHz VBW 300 kHz	Mode S	weep			
SGL Count 1	100/100	6 - 655 Solo		1850.00 1750.000.	100202000	11999 <b>-</b> 12			
1Pk Max									the second second
					MI	[1]		2,402	-1.73 dBr 02400 GH
0 dBm				-		1	-	-	000000000000000000000000000000000000000
				MI					
dBm		· · · · · ·		X	л		-		-
				manne	Just				
10 dBm					1				
20 dBm									
o donn					1				
0 dBm				1				-	-
					1				
40 dBm				A		WA MAN			5
	6	Mult	Ant			' LIM	11		
i0 dBm	ſ	Alan	how the			*** f	Non I	11.	
Mastin	mound	Man have					a Mark	hallothan	mondy
0 dBm									
F 2.402 Gł	la.	· · · · · · · · ·		1001 p	ate			ena	n 8.0 MHz
1 2.102 01	11			1001			Contract Street, Stree	410	7 0.0 14112
te: 7.DEC.	Ba	nd Edge N		DH5 2402MI	Hz Ant1 I	No-Hopp	bing Emiss	sion	T T
ipectrum Ref Level Att	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	DH5 2402MI RBW 100 kHz YBW 300 kHz	Hz Ant1 I Mode S		bing Emiss	sion	Ē
pectrum Ref Level Att GL Count 1	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz			bing Emiss	sion	Ē
pectrum Ref Level Att GL Count 1	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz	Mode S		bing Emiss		
pectrum Ref Level Att GGL Count 1 IPk Max	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF
pectrum Ref Level Att GL Count 1 IPk Max	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB)
pectrum Ref Level Att IGL Count 1 IPk Max D dBm dBm	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB)
pectrum Ref Level Att IGL Count 1 IPk Max D dBm dBm	Ba 20.00 dBn 30 dB	nd Edge N	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB)
pectrum Ref Level Att IGL Count 3 IPk Max 3 dBm dBm 0 dBm	Ba 20.00 dBn 30 dB	nd Edge N Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB)
pectrum Ref Level Att IGL Count 1 IPk Max 0 dBm 0 dBm 10 dBm	Ba 20.00 dBn 30 dB	nd Edge N Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB)
pectrum Ref Level Att GL Count 1 IPk Max 0 dBm dBm 0 dBm 10 dBm 10 dBm	Ba 20.00 dBn 30 dB	nd Edge N Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dBi 95000 GH 54.86 dBi
ipectrum Ref Level Att SGL Count 1 IPk Max 0 dBm dBm 10 dBm 10 dBm 10 dBm	Ba 20.00 dBn 30 dB	nd Edge N Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dBi 95000 GH 54.86 dBi
pectrum Ref Level Att GGL Count 3 IPk Max 0 dBm dBm 10 dBm	Ba 20.00 dBn 30 dB	nd Edge N Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S M1	weep	bing Emiss	2.401	-2.13 dB) 95000 GF 54.86 dB) 00000%F
ipectrum Ref Level Att SGL count 1 IPk Max 0 dBm 0 dBm 10 dBm	Ba 20.00 dBn 30 db 100/100	dBm	2.52 dB • 1 ms •	RBW 100 kHz	Mode S	weep [1] [1]		2,400	-2.13 dB) 95000 GF 54.86 dB) 00000%F
ipectrum Ref Level Att SGL Count 1 IPk Max 0 dBm dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Ba 20.00 dBn 30 db 100/100	dBm	2.52 dB • 1 ms •	RBW 100 kHz	Mode S	weep [1] [1]		2,400	-2.13 dBi 95000 GH 54.86 dBi 000008H
ipectrum Ref Level Att SGL Count 1 IPk Max 0 dBm dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Ba 20.00 dBn 30 db 100/100	dBm	2.52 dB • 1 ms •	RBW 100 kHz	Mode S	weep [1] [1]		2,400	-2.13 dB) 95000 GF 54.86 dB) 00000%F
Spectrum           Ref Level           Att           SGL Count 1           SGL Count 2           IPk Max           0 dBm           0 dBm           10 dBm	Ba 20.00 dBn 30 dE 100/100	dBm	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode S 	weep [1] [1]		2.401 - 2.400	-2.13 dBi 95000 GH 54.86 dBi 0000005H
ipectrum Ref Level Att SGL Count 1 IPk Max 0 dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm	Ba 20.00 dBn 30 dE 100/100	dBm	2.52 dB • 1 ms •	RBW 100 kHz	Mode S 	weep [1] [1]		2.401 - 2.400	-2.13 dBi 95000 GH 54.86 dBi 0000005H
Spectrum           Ref Level           Att           SGL Count 1           IPk Max           0 dBm           0 dBm           10 dBm	Ba 20.00 dBn 30 dE 100/100 01 -21.730 01 -21.730 GHz GHz	dBm	2.52 dB • 1 ms • 1 ms • 1	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 سالم مراجع مالم مراجع	weep [1] [1]		2.401 - 2.400	-2.13 dBi 95000 GF 54.86 dBi 0000008F
ipectrum           Ref Level           Att           iGL Count 1           iGL Count 2           iD dBm	Ba 20.00 dBn 30 dF 100/100 01 -21.730 01 -21.730 GHz GHz 1	dBm	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode 5	weep [1] [1]		2.401 2.400	-2.13 dBi 95000 GF 54.86 dBi 0000008F
Spectrum           Ref Level           Att           SGL Count 1           IPk Max           0 dBm           0 dBm           10 dBm           11 dBm           12 dBm           13 dBm           14 dBm           15 dBm           16 dBm           17 dBm           18 dBm           19 dBm           10 dBm	Ba 20.00 dBn 30 dE 100/100 01 -21.730 01 -21.730 01 -21.730 01 -1 1	dBm	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 سالم (م) سالم (م) M1 M2 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	weep [1] [1]		2.401 2.400	-2.13 dBi 95000 GF 54.86 dBi 0000008F
Spectrum           Ref Level           Att           SGL Count 1           SGL Count 2           IPk Max           0 dBm           10	Ba 20.00 dBn 30 dF 100/100 01 -21.730 01 -21.730 GHz GHz Trc 1 1	dBm	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 سالم (م) سالم (م) M1 M2 M2 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	weep [1] [1]		2.401 2.400	-2.13 dBi 95000 GF 54.86 dBi 0000008F

			/NT 2-DH5 24	001111271				
Spectrun Ref Leve	1 20.00 dB	m Offset 2.55 d	8 🖷 RBW 100 kH	7				L.
Att	30 d		s . VBW 300 kH		Sweep			
SGL Count	t 100/100	1995 - GOLESSING - SALANG			0-02/05/4/14			
1Pk Max	<u></u>	1 1	Ť		1[1]			-1.91 dB
				1.00	1[1]		2,480	00800 GH
10 dBm						-	-	1
				1				
0 dBm			N			-		-
10 JR			man	Montry				
-10 dBm			J.	1				
-20 dBm								
20 0011								
-30 dBm				1		_		
			1		har to			
-40 dBm	10	5 M	n M		44 14		-	
		No Al	m		WV V	6		
-50 dBm —	10. AA	Marany				nor to t	halle	
Sonda Alac	Malle	And have a land				winny	MM AM	Mara
-ou usm							in St.	Veneral
-70 dBm								
-vo abin	~							
					Si			
CF 2.48 G	Hz		100	1 pts			Spa	in 8.0 MH
Spectrun	n	and Edge NVN ⁻			No-Hop	oping Emise	sion	(q
Spectrun Ref Leve Att	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	T 2-DH5 24801 B • RBW 100 kH s • VBW 300 kH	łz		oping Emiss	sion	
Spectrun Ref Leve Att SGL Count	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	łz		oping Emise	sion	
Spectrun Ref Leve Att SGL Count	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	iz iz Mode S	Sweep	oping Emiss	sion	
Spectrum Ref Leve Att SGL Count 1Pk Max	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep	oping Emise	2.475	-2.21 dB
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep	oping Emiss	2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count 1Pk Max	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep	oping Emiss	2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	Ba n al 20.00 dBi 30 d	and Edge NVN ⁻	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep	oping Emiss	2.479	-2.21 dB 995000 Gł 57.77 dB 50000 Gł
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	Ba n 30 d t 100/100	m Offset 2.55 d B SWT 1 m	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep		2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba n al 20.00 dBi 30 d	m Offset 2.55 d B SWT 1 m	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep		2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba n 30 d t 100/100	m Offset 2.55 d B SWT 1 m	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep		2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	Ba n 30 d t 100/100	m Offset 2.55 d B SWT 1 m	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep		2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	Ba n 30 d t 100/100	m Offset 2.55 d B SWT 1 m	8 🖷 RBW 100 kH	łz łz Mode s M	Sweep		2.479	-2.21 dB 95000 Gł 57.77 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	D1 -21.91	m Offset 2.55 d B SWT 1 m	B  RBW 100 k S VBW 300 k	Mode s	Sweep 1[1] 2[1]		2.479	-2.21 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	D1 -21.91	and Edge NVN	B  RBW 100 k S VBW 300 k	Mode s	Sweep 1[1] 2[1]		2.479	-2.21 dB
Spectrum Ref Leve Att SGL Count IPk Max 10 dBm	D1 -21.91	m Offset 2.55 d B SWT 1 m	B  RBW 100 k S VBW 300 k	Mode s	Sweep 1[1] 2[1]		2.479	-2.21 dB
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba 30 d 100/100	m Offset 2.55 d B SWT 1 m	B  RBW 100 k S VBW 300 k	Mode s	Sweep 1[1] 2[1]		2.479 2.480	-2.21 dB 95000 Gł 57.77 dB 50000 Gł
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba 30 d 100/100	m Offset 2.55 d B SWT 1 m	8 • RBW 100 kH	Mode s	Sweep 1[1] 2[1]		2.479 2.480	-2.21 dB
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -70 dBm -70 dBm -70 dBm	Ba 30 d 1 20.00 dBi 30 d 1 100/100	And Edge NVN	B  RBW 100 kF s  VBW 300 kF	Mode s	Sweep 1[1] 2[1] Հերայուն Հայունություն		2.475 2.483	-2.21 dB 995000 Gł 57.77 dB 150000 Gł 150000 Gł
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm	Ba 30 d 1 20.00 dBi 30 d 1 100/100	m Offset 2.55 d B SWT 1 m	8 • RBW 100 kF 5 • VBW 300 kF 	Mode s	Sweep 1[1] 2[1] Հերայուն Հայունություն		2.479 2.480	-2.21 dB 995000 Gł 57.77 dB 150000 Gł 150000 Gł
Spectrum           Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -50 dBm           -70 dBm           Start 2.47           Type Re           M1	Ba 30 d 1 20.00 dBi 30 d 1 100/100	And Edge NVN m Offset 2.55 d 8 SWT 1 m 1 dBm M3 wdwfail ¹ /2005-04/pdv X-value 2.47995 GH 2.4935 GH	B	iz Mode s	Sweep 1[1] 2[1] Հերայուն Հայունություն		2.475 2.483	-2.21 dB 995000 Gi 57.77 dB 150000 Gi
Spectrum Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -40 dBm -40 dBm -51 dBm -51 dBm -51 dBm -51 dBm -51 dBm -70 dB	Ba 30 d 30 d 100/100	And Edge NVN	B  RBW 100 kF s VBW 300 kF vBW 300 kF vBW 100 kF vBW 10	12 Mode S	Sweep 1[1] 2[1] Հերայուն Հայունություն		2.475 2.483	-2.21 dB 995000 Gi 57.77 dB 150000 Gi
Spectrum           Ref Leve           Att           SGL Count           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -70 dBm           -70 dBm           Start 2.47           Arker           M1           M2	Ba 30 d 30 d 100/100	And Edge NVN m Offset 2.55 d B SWT 1 m 1 dBm 1 dBm M3 while the module X-value 2.47995 GH 2.4935 GH 2.5 GH	B  RBW 100 kF s VBW 300 kF vBW 300 kF vBW 100 kF vBW 10	12 Mode S	Sweep 1[1] 2[1] Հերայուն Հայունություն		2.475 2.483	-2.21 dB 995000 Gł 57.77 dB 150000 Gł 150000 Gł

		-\					
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-53.98	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-53.29	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.8	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.66	-20	Pass

## **Band Edge(Hopping)**

	_			Test Gr	apris				
Spectrum	Bai	nd Edge(F	lopping)	NVNT 1-DH	15 2402N	/Hz Ant1	Hopping	Ref	
Ref Level :	20.00 dBm	Offset 2	2.52 dB 🖷	RBW 100 kHz	5				1
Att SGL Count 2	30 dE	SWT	1 ms 👄	VBW 300 kHz	Mode S	weep			
1Pk Max	000/2000	23 - 22		88 - 38					
					MI	[1]		2 40	-1.34 dBi 505290 GF
10 dBm							-	1	
								M	6
0 dBm				how	M i	ming	my	m	7 1
10 dBm				10	4 A	1	J Z		k/
				N	2/	h		ha	20
20 dBm					W.				8
30 dBm									
				1					
40 dBm			M						3
50 dBm	0			V I					-
60'8Bm	Ihred	mahan	www						
60 dBm									
70 dBm								-	-
CF 2.402 GH	łz			1001 p	ots			Sp	an 8.0 MHz
te: 7.DEC.			pina) NV	/NT 1-DH5 2	2402MH	z Ant1 Ho		nission	
Spectrum Ref Level :	Band	Edge(Hop	2.52 dB 🖷	'NT 1-DH5 2 RBW 100 kHz			opping En	nission	Ē
Spectrum Ref Level 3 Att	Band	Edge(Hop	2.52 dB 🖷				opping En	nission	
Spectrum Ref Level : Att SGL Count 2	Band	Edge(Hop	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	opping En	nission	( 1
Spectrum Ref Level 3 Att SGL Count 2 1Pk Max	Band	Edge(Hop	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	opping En		-1.18 dBi
Spectrum Ref Level : Att SGL Count 2: 1Pk Max	Band	Edge(Hop	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	opping En	2.40	-1.18 dB
Spectrum Ref Level 3 Att SGL Count 2 91Pk Max 10 dBm	Band	Edge(Hop	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	ppping En	2.40	-1.18 dBi 595000 GH -56.57 dBi
Spectrum Ref Level 3 Att SGL Count 2 1Pk Max 0 dBm	Band	Edge(Hop	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	ppping En	2.40	-1.18 dBi 595000 GH -56.57 dBi
Spectrum Ref Level : Att SGL Count 2: 11Pk Max 0 dBm 10 dBm 10 dBm	Band	Edge(Hop Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	ppping En	2.40	-1.18 dBi 595000 GH -56.57 dBi
Spectrum Ref Level : Att SGL Count 2: )1Pk Max 10 dBm 10 dBm 20 dBm 0	Band 20.00 dBm 30 dB	Edge(Hop Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	ppping En	2.40	-1.18 dBi 595000 GH -56.57 dBi
Att SGL Count 2 ) 1Pk Max 10 dBm 0 dBm 	Band 20.00 dBm 30 dB	Edge(Hop Offset 2 SWT	2.52 dB 🖷	RBW 100 kHz	Mode S	weep	ppping En	2.40	-1.18 dBi 595000 GH -56.57 dBi
Spectrum Ref Level : Att SGL Count 2: 1Pk Max 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Band 20.00 dBm 30 dE 000/2000	Edge(Hop Offset 2 SWT	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode 5	iweep 1[1] 2[1]		2.40	-1.18 dB 595000 GH -56.57 dB 000000 GH
Spectrum Ref Level : Att SGL Count 2: 1Pk Max 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	Band 20.00 dBm 30 dE 000/2000	Edge(Hop Offset 2 SWT	2.52 dB • 1 ms •	RBW 100 kHz	Mode 5	iweep 1[1] 2[1]		2.40	-1.18 dB 595000 GH -56.57 dB 000000 GH
Spectrum Ref Level : Att SGL Count 2: 11Pk Max 0 dBm 10 dBm 10 dBm 20 dBm 30 dBm 50 dBm 50 dBm	Band 20.00 dBm 30 dE 000/2000	Edge(Hop Offset 2 SWT	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode 5	iweep 1[1] 2[1]		2.40	-1.18 dB 595000 GH -56.57 dB 000000 GH
Spectrum           Ref Level :           Att           SGL Count 2'           11Pk Max           0 dBm           0 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           50 dBm           50 dBm           70 dBm           70 dBm           start 2.306	Band 20.00 dBn 30 dE 000/2000	Edge(Hop Offset 2 SWT	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode 5	iweep 1[1] 2[1]		2.40	-1.18 dB 595000 GH -56.57 dB 000000 GH
Spectrum Ref Level : Att SGL Count 2: 1Pk Max 0 dBm 0 dBm 10 dBm 20 dBm 20 dBm 30 dBm 40 dBm 70 dBm 70 dBm 70 dBm	Band 20.00 dBm 30 dE 000/2000	Edge(Hop Offset 2 SWT	2.52 dB • 1 ms • 1 m	RBW 100 kHz VBW 300 kHz	Mode 5	iweep [[1] 2[1]		2.40	-1.18 dB) 595000 GH
Spectrum           Ref Level :           Att           SGL Count 2:           IPk Max             10 dBm           0 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           50 dBm           50 dBm           60 dBm           70 dBm           Start 2.306 f           Marker           Type	Band 20.00 dBn 30 dE 000/2000 1 -21.342 	dBm albid church dBm x-value 2.405	Mit and Alberta an	RBW 100 kHz VBW 300 kHz 	Mode S	iweep [[1] 2[1]		2.40 2.40	-1.18 dB) 595000 GH
Spectrum           Ref Level :           Att           SGL Count 2:           ) IPk Max           10 dBm           0 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           50 dBm           60 dBm           70 dBm           70 dBm           Start 2.306 intererty           M1           M2           M3	Band 20.00 dBm 30 dF 000/2000 1 -21.342 GHz GHz 1 1 1	dBm dBm x-value 2.405/ 22	2.52 dB = 1 ms =	RBW 100 kHz VBW 300 kHz 100 kHz 100 kHz VBW 300 kHz 100 k	Mode 5	iweep [[1] 2[1]		2.40 2.40	-1.18 dBj 595000 GH
Spectrum           Ref Level :           Att           SGL Count 2           1Pk Max           10 dBm           10 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           50 dBm           50 dBm           60 dBm           70 dBm           Start 2.306 dBm           Iarker           Type         Ref           M1	Band 20.00 dBm 30 dE 000/2000 1 -21.342 caure(m.sl/sss GHz GHz	dBm dBm x-value 2.405/ 22	2.52 dB • 1 ms •	RBW 100 kHz VBW 300 kHz	Mode 5	iweep [[1] 2[1]		2.40 2.40	-1.18 dBj 595000 GH

		Ű,		NVNT 1-DI					(m)
Spectrum Ref Level		Offset 2	55 dB 💼 1	RBW 100 kHz	6				
Att	30 di			VBW 300 kHz		Sweep			
SGL Count 2 1Pk Max	2000/2000								
					М	1[1]			-1.43 dBm
10 dBm							<u> </u>	2.478	98500 GH2
0 dBm	0004		M1				-	-	
ng p	n ny	May	pro 7	n s	wh				
-10 dBm	4	1 4	1						
-20 dBm	2	( 1	he	V	2				
0				6.36	1				
-30 dBm					h				
40 dBm					1				
NJ GDH						M	8		
50 dBm				-		4	1		
000000						www	washe	montent	mana
-60 dBm							44		100 100
70 dBm									
CF 2.48 GH	z			1001	ots			Spa	n 8.0 MHz
									7/1001000
ate: 7.DEC.	Band	Edge(Hop		'NT 1-DH5		z Ant1 Hc	opping En	nission	(E
Spectrum Ref Level Att	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	'NT 1-DH5 RBW 100 kHz VBW 300 kHz			opping En	nission	
Spectrum Ref Level Att SGL Count 2	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz			opping En	nission	(T
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode S		opping En		-1.53 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	opping En	2.477	-1.53 dBn 25000 GH 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	ppping En	2.477	-1.53 dBn 25000 GH 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	ppping En	2.477	-1.53 dBn 25000 GH 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max 0 dBm 1 dBm 1 dBm	Band 20.00 dBn 30 dl	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	ppping En	2.477	-1.53 dBn 25000 GH 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max 0 dBm 10 dBm 10 dBm 20 dBm	Band 20.00 dBn 30 dB	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	opping En	2.477	-1.53 dBn 25000 GH 57.52 dBn
Spectrum Ref Level Att SGL Count 3 IPk Max 10 dBm dBm dBm 20 dBm 20 dBm	Band 20.00 dBn 30 dl	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	ppping En	2.477	-1.53 dBn 25000 GH: 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 30 cBm 40 dBm	Band 20.00 dBn 30 dl	Edge(Hop	.55 dB 🖷 I	RBW 100 kHz	Mode s	Sweep	ppping En	2.477	-1.53 dBn 25000 GH: 57.52 dBn
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm 1 dBm 20 dBm 40 dBm 50 dBm 20 dBm 50 dBm 20 dBm	Band 20.00 dBn 30 di 2000/2000	Edge(Hop	.55 dB ● 1 1 ms ● '	RBW 100 kHz VBW 300 kHz	Mode 5	Sweep 1[1] 2[1]		2.477	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH:
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm dBm 20 dBm 20 dBm 50 dBm 50 dBm 20 dBm	Band 20.00 dBn 30 di 2000/2000	Edge(Hop	.55 dB ● 1 1 ms ● '	RBW 100 kHz	Mode 5	Sweep 1[1] 2[1]		2.477	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH:
Spectrum Ref Level Att SGL Count 3 IPK Max 10 dBm 10 dBm 20 dBm 30 cBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm	Band 20.00 dBn 30 di 2000/2000	Edge(Hop	.55 dB ● 1 1 ms ● '	RBW 100 kHz VBW 300 kHz	Mode 5	Sweep 1[1] 2[1]		2.477	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH:
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm dBm dBm 20 dBm 20 dBm 50 dBm 50 dBm 70 dBm	Band 20.00 dBn 30 df 2000/2000	Edge(Hop	.55 dB ● 1 1 ms ● '	RBW 100 kHz VBW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.477 2.480	-1.53 dBn /25000 GH; 57.52 dBm 50000 GH;
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm dBm 20 dBm 20 dBm 50 dBm 50 dBm 70 dBm 70 dBm 70 dBm	Band 20.00 dBn 30 df 2000/2000	Edge(Hop	.55 dB ● 1 1 ms ● '	RBW 100 kHz VBW 300 kHz	Mode s	Sweep 1[1] 2[1]		2.477 2.480	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH:
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 50 dBm 20 dBm	Band 20.00 dBn 30 dl 2000/2000	Edge(Hop	.55 dB 🖷   1 ms 🖷 '	RBW 100 kHz VBW 300 kHz	Mode s	Sweep 1[1] 2[1] 	en milles finds	2.477 2.480	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH: 50000 GH: 50000 GH: 2.576 GHz
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm dBm dBm 20 dBm 20 dBm 20 dBm 50 dBm 50 dBm 50 dBm 70 d	Band 20.00 dBn 30 df 2000/2000 01 -21.432 01 -21.432 GHz GHz 1 Trc 1	Edge(Hop	.55 dB	RBW 100 kHz VBW 300 kHz (colorador (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (colorador) (color)	Mode 5	Sweep 1[1] 2[1] 	en milles finds	2.477 2.483	-1.53 dBm 25000 GHz 57.52 dBm 50000 GHz
Spectrum Ref Level Att SGL Count 2 IPk Max ID dBm I	Band 20.00 dBn 30 dl 2000/2000	Edge(Hop	.SS dB 🖷 1 1 ms 🖷 ' 	RBW 100 kH2 VBW 300 kH2	Mode 5	Sweep 1[1] 2[1] 	en milles finds	2.477 2.483	-1.53 dBn 25000 GH: 57.52 dBn 50000 GH: 50000 GH: 50000 GH: 2.576 GHz
Spectrum Ref Level Att SGL Count 2 IPk Max ID dBm C dB	Band 20.00 dBn 30 df 2000/2000	Edge(Hop	.55 dB	RBW 100 kHz VBW 300 kHz 300 kHz 400 kHz 100	Mode 5	Sweep 1[1] 2[1] 	en milles finds	2.477 2.483	2.576 GHz

		and Edge(I	11 0/		-				
Spectrum Ref Level	20.00 dB	m Offset :	2.52 dB 🖷	RBW 100 kHz	8				T T
Att	30 d	B SWT	1 ms 🖷	VBW 300 kHz	Mode S	weep			
SGL Count : 1Pk Max	2000/2000	,		N					
					M1	[1]			-0.89 dB
LO dBm					1	2	1	2.405	99600 GH
) dBm		-				0	11.000		
				mon	mino	asher	mon	A mapping	manin
10 dBm				1					
20 dBm				1					
30 dBm		-							
10 dBm			1 1	1 1		(		-	s
50 dBm		1	L.W						-
		mark	man y						
MMM	Multim	Through the							
70 dBm —			+						-
							_		
F 2.402 GI	Hz			1001	pts			Spa	n 8.0 MH:
pectrum	Band	Edge(Hop		/NT 2-DH5		z Ant1 F	Hopping El	mission	Ę
pectrum Ref Level Att	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	/NT 2-DH5 RBW 100 kHz VBW 300 kHz	5		Hopping Er	mission	Ē
ipectrum Ref Level Att GGL Count 1	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	RBW 100 kHz			Hopping El	mission	(E
pectrum Ref Level Att GL Count : IPk Max	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	RBW 100 kHz	Mode S		Hopping El		-3.05 dB
pectrum Ref Level Att GL Count : IPk Max	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep	Hopping E	2.403	-3.05 dB
ipectrum Ref Level Att GL Count : IPk Max 0 dBm	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]	lopping E	2.400	-3.05 dB 35000 GH 55.79 dB 00000 GH
pectrum Ref Level Att GL Count : 1Pk Max 0 dBm dBm	Band 20.00 dB 30 d	Edge(Hop m Offset : B swT	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]	Hopping Er	2.400	-3.05 dB 35000 GH 55.79 dB 00000 GH
pectrum Ref Level Att GL Count ( IPk Max D dBm dBm dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]	lopping E	2.400	-3.05 dB 35000 GH 55.79 dB 00000 GH
pectrum Ref Level Att GGL Count 2 IPk Max 0 dBm dBm 0 dBm 10 dBm	Band 20.00 dB 30 d	Edge(Hop	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]	lopping El	2.400	-3.05 dB 35000 GH 55.79 dB
pectrum Ref Level Att GGL Count 2 IPk Max 0 dBm dBm 0 dBm 10 dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]		2.400	-3.05 dB 35000 GH 55.79 dB
Spectrum Ref Level Att GGL Count : IPk Max 0 dBm dBm dBm 20 dBm 30 dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB 🖷 1	RBW 100 kHz	Mode S M1	weep [1]		2.400	-3.05 dB 35000 GH 55.79 dB
Spectrum Ref Level Att SGL Count : SGL C	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep		2.400	-3.05 dB 35000 GF 55.79 dB 00000 NB AW
Spectrum Ref Level Att SGL Count : SGL C	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep		2.400	-3.05 dBi 35000 GF 55.79 dBi 00000 GF 4000
Spectrum Ref Level Att GGL Count 2 IPk Max 0 dBm 0 dBm 10 dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz	Mode S M1 M2	weep		2.400	-3.05 dBi 35000 GF 55.79 dBi 00000 GF 4000
Spectrum Ref Level Att GGL Count 2 IPk Max 0 dBm 0 dBm 10 dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz YBW 300 kHz	Mode S M1 M2	weep		2.400	-3.05 dB 35000 GF 55.79 dB 00000 NB AW
Spectrum Ref Level Att SGL Count : SGL C	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz VBW 300 kHz	Mode S M1 M2	weep		2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GE 70000 GE 7000 GE 70000 GE 70000 GE 70000 GE 70000 GE 70000 GE 70000 GE 70000 GE 70000 G
ipectrum Ref Level Att SGL Count 2 IPk Max 0 dBm 0 dBm 10 dBm	Band 20.00 dB 30 d 2000/2000	Edge(Hop	2.52 dB • 1 1 ms • 1	RBW 100 kHz YBW 300 kHz	Mode S	weep [1] [1]	enn-articulands	2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GF 70%
Spectrum           Ref Level           Att           SGL Count 2           IPk Max           0 dBm           0 dBm           10 dBm           20 dBm           30 dBm           40 dBm           70 dBm           10 dBm	Band 20.00 dB 30 d 2000/2000 01 -20.89 Menunum GHz	Edge(Hop	2.52 dB  1 ms  1 ms	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 M2 pts Function	weep [1] [1]	enn-articulands	2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GF 70%
Spectrum           Ref Level           Att           SGL Court 2           IPk Max           0 dBm           0 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           50 dBm           70 dBm           tart 2.306           arker           Fype Ref           M1	Band 20.00 dB 30 d 2000/2000 01 -20.89 Mex.youky GHz Trc 1 1	Edge(Hop	2.52 dB  1 ms 1 ms	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 m1 m2 m2 m2 m2 m2 m1 m2 m2 m2 m2 m2 m2 m2 m2 m2 m2 m2 m2 m2	weep [1] [1]	enn-articulands	2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GF 70%
Spectrum           Ref Level           Att           SGL Count 1           IPk Max           0 dBm           0 dBm           10 dBm           20 dBm           20 dBm           30 dBm           40 dBm           40 dBm           70 dBm	Band 20.00 dB 30 d 2000/2000 01 -20.89 01 -20.89 01 -20.89 01 -20.89	Edge(Hop	2.52 dB  1 ms  1 m	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 m2 pts Function	weep [1] [1]	enn-articulands	2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GF 70%
30 dBm 40 dBm 50 dBm 50 dBm 50 dBm 70 dBm tart 2.306 arker Fype Ref M1 M2	Band 20.00 dB 30 d 2000/2000 01 -20.89 Mex.youky GHz Trc 1 1	Edge(Hop	2.52 dB  1 ms 1 ms	RBW 100 kHz VBW 300 kHz	Mode S M1 M2 m2 pts Function	weep [1] [1]	enn-articulands	2.400 2.400	-3.05 dB 35000 GF 55.79 dB 00000 GF 70%

Constant						nt1 Hopping		
Spectrum		Officiat 0.5	C 40 - DDW	OO hUn				7
Ref Level Att	20.00 dBr 30 dl		5 dB 🖷 RBW 1 L ms 🖷 VBW 1		lode Sweep			
SGL Count 2	2000/2000	e- ofelelation of		100000000				
1Pk Max		<u> </u>						1 22 In
					M1[1]		2 47	-1.77 dB
10 dBm		-			- P	1	2.477	
D dBm	M1						_	
DA AN	Mr.	hantypa	Mannon MAN	MANN	1			
-10 dBm	r My	hand have	na is AM	Alan no	A			-
*24230*6*257030					1			
-20 dBm					1		-	
100000000000000000000000000000000000000					5			
-30 dBm					1		_	
-40 dBm	-				-			
					n			
-50 dBm					201	٨		
						mannah	m A	M. A.
-60 dBm						a areally a	manipula	man
-70 dBm								
	800		5	1001				
CF 2.48 GH	2			1001 pts			spa	in 8.0 MHz
Spectrum	Band	Edge(Hoppi			0MHz Ant1	Hopping E	mission	
Spectrum Ref Level	Band	Edge(Hoppi	ng) NVNT 2 5 dB e RBW	LOO kHz	OMHz Ant1	Hopping E	mission	Ē
Spectrum Ref Level Att SGL Count 2	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz		Hopping E	mission	(E
Spectrum Ref Level Att SGL Count 2	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	lode Sweep	Hopping E	mission	
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz		Hopping E		-2.09 dB
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	lode Sweep	Hopping E	2.479	-2.09 dB 05000 GF 56.94 dB
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GF 56.94 dB
Spectrum Ref Level Att SGL Count 2 1Pk Max	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GF 56.94 dB
Spectrum Ref Level Att SGL Count 2 1Pk Max 10 dBm D dBm	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GH 56.94 dB
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm	Band 20.00 dBr 30 dl 2000/2000	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB) 05000 GH 56.94 dB)
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -0 dBm -10 dBm -20 cBm	Band 20.00 dBr 30 d	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GH 56.94 dB
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm 10 dBm 10 dBm 10 dBm	Band 20.00 dBr 30 dl 2000/2000	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB) 05000 GH 56.94 dB)
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -0 dBm -10 dBm -20 cBm	Band 20.00 dBr 30 dl 2000/2000	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GH 56.94 dB
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	S dB 🖷 RBW :	LOO kHz	Node Sweep	Hopping E	2.479	-2.09 dB 05000 GH 56.94 dB
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm -10 dBm -20 cBm -30 dBm -40 dBm -40 dBm -50 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	100 kHz N	M1[1] M2[1] M2[1]		2.479	-2.09 dB 05000 Gł 56.94 dB 50000 Gł
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm -10 dBm -20 cBm -30 dBm -40 dBm -40 dBm -50 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	100 kHz N	M1[1] M2[1] M2[1]		2.479	-2.09 dB 05000 Gł 56.94 dB 50000 Gł
Spectrum Ref Level Att SGL Count 2 IPK Max 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	100 kHz N	M1[1] M2[1] M2[1]		2.479	-2.09 dB 05000 GF 56.94 dB 50000 GF
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	100 kHz N	M1[1] M2[1] M2[1]		2.479	-2.09 dB 05000 Gł 56.94 dB 50000 Gł
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -70 dBm	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	LOO KHZ N	M1[1] M2[1] M2[1]		2.479 2.480	-2.09 dB 055000 GF 56.94 dB 50000 GF
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -70 dBm -70 dBm Start 2.476	Band 20.00 dBr 30 d 2000/2000	Edge(Hoppi	5 dB • RBW :	100 kHz N	M1[1] M2[1] M2[1]		2.479 2.480	-2.09 dB 055000 GF 56.94 dB 50000 GF
Spectrum Ref Level Att SGL Count 2 SGL Count 2 PIPk Max 10 dBm -10 dBm -20 dBm -20 dBm -40 dBm -50 dBm -70 dBm Start 2.476 Varker Type   Ref	Band 20.00 dBr 30 d 2000/2000 01 -21.772 01 -21.772 01 -21.772	Edge(Hoppi	5 dB	100 kHz N	M1[1] M2[1] M2[1]	10,00 eV v(1)2-5-6,6,5	2.479 2.480	-2.09 dBi 05000 GF 56.94 dBi 50000 GF
Spectrum           Ref Level           Att           SGL Count 2           1Pk Max           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm           -70 dBm	Band 20.00 dBr 30 dl 2000/2000 01 -21.772 01 -21.772 01 -21.772 01 -21.772	Edge(Hoppi	S dB  RBW : I ms  VBW :	100 kHz N	Inde Sweep           M1[1]           M2[1]	10,00 eV v(1)2-5-6,6,5	2.479 2.483	-2.09 dBi 05000 GF 56.94 dBi 50000 GF
Spectrum Ref Level Att SGL Count 2 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -70	Band 20.00 dBr 30 d 2000/2000 01 -21.772 01 -21.772 GHz GHz Trc 1 1	Edge(Hoppi	S dB  RBW :  L ms  VBW :  C ms	100 kHz N	Inde Sweep           M1[1]           M2[1]	10,00 eV v(1)2-5-6,6,5	2.479 2.483	-2.09 dB 05000 Gł 55.94 dD 50000 Gł
Spectrum           Ref Lovel           Att           SGL Count 2           IPk Max           10 dBm           0 dBm           -10 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm           Start 2.476           Marker           Type           Ref	Band 20.00 dBr 30 dl 2000/2000 01 -21.772 01 -21.772 01 -21.772 01 -21.772	Edge(Hoppi	5 dB  RBW : L ms  VBW :	100 kHz N	Inde Sweep           M1[1]           M2[1]	10,00 eV v(1)2-5-6,6,5	2.479 2.483	-2.09 dB 05000 Gł 55.94 dD 50000 Gł
Spectrum Ref Level Att SGL Count 2 SIP Cou	Band 20.00 dBr 30 d 2000/2000 01 -21.772 01 -21.772 01 -21.772 01 -21.772 01 -21.772 01 -21.772	Edge(Hoppi	5 dB  RBW : L ms  VBW :	100 kHz N	Inde Sweep           M1[1]           M2[1]	10,00 eV v(1)2-5-6,6,5	2.479 2.483	-2.09 dB 05000 Gł 55.94 dD 50000 Gł

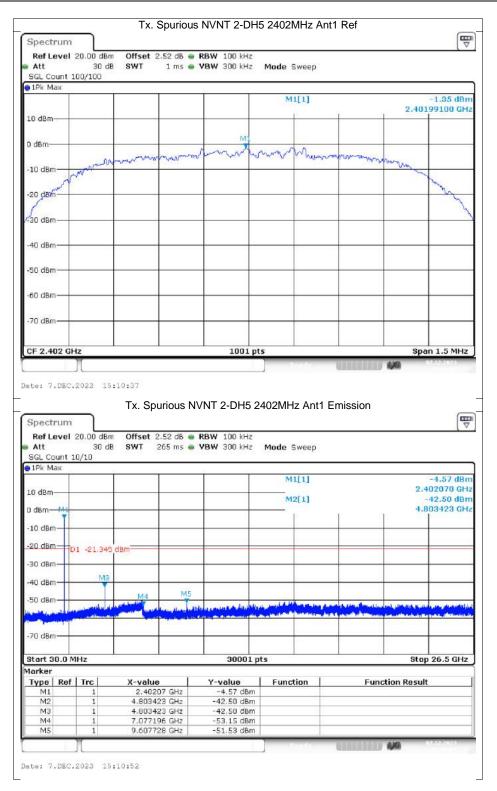
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.75	-20	Pass
NVNT	1-DH5	2441	Ant1	-39.1	-20	Pass
NVNT	1-DH5	2480	Ant1	-41.48	-20	Pass
NVNT	2-DH5	2402	Ant1	-41.15	-20	Pass
NVNT	2-DH5	2441	Ant1	-41.02	-20	Pass
NVNT	2-DH5	2480	Ant1	-41.78	-20	Pass

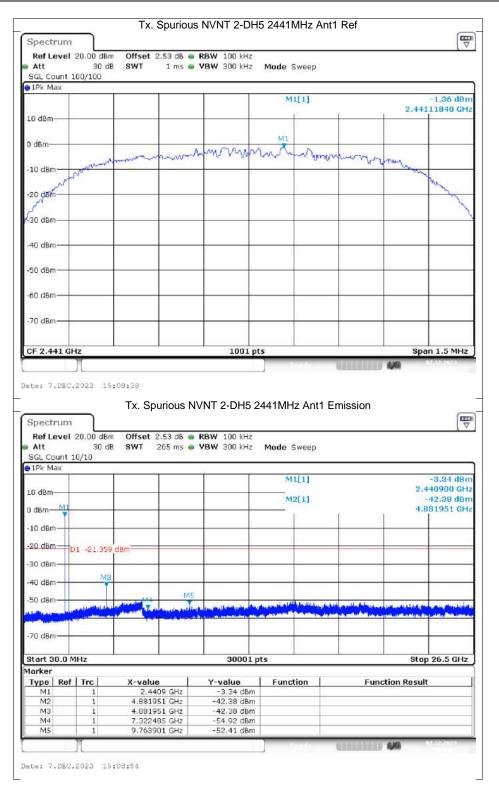
## **Conducted RF Spurious Emission**

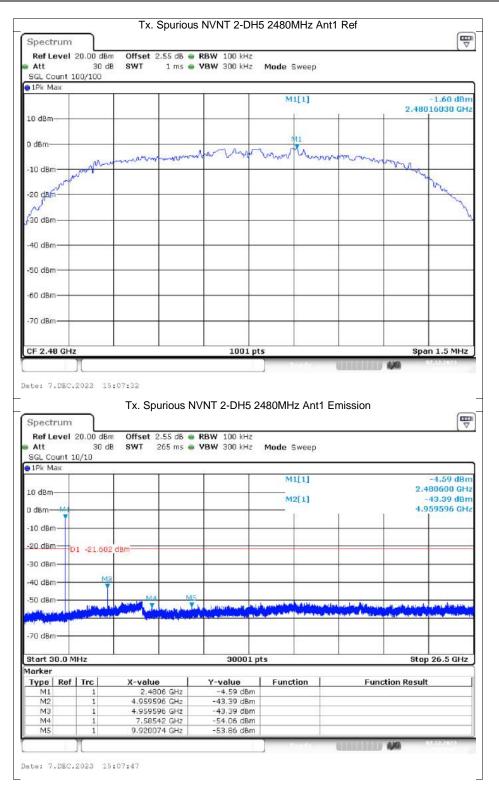
	Tx. Spurious	s NVNT 1-DH5	2402MHz Ar	nt1 Ref	
Spectrum	-				ſ
Ref Level 20.00 dBr					
Att 30 dl SGL Count 100/100	B SWT 1 ms 👄	VBW 300 kHz	Mode Sweep		
1Pk Max	AC 112	84 - 32			
			M1[1]		-1.18 dE 2.40183820 G
0 dBm					2.40103020 0
		Ma			
dBm	04	T	man		
10 10	- CV	•	marker		
l0 dBm	mont			and man	
20 dBm	and the second s	_			magn
-					S. Maria
IO dBm					- Ve
r**					1 1 2 3
10 dBm			2	1.	
0 dBm					
i0 dBm					
Calcolizi.					
0 dBm		+			+ +
	1 1				
		-			
N	1:56:57 Tx. Spurious N	1001 pts	Réndy	Emission	Span 1.5 MH
F 2.402 GHz			Réndy	Emission	Span 1.5 MH
:e: 7.DEC.2023 14	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	io2MHz Ant1	Emission	
:e: 7.08C.2023 14	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	Réndy	Emission	
pectrum Ref Level 20.00 dBr Att 30 di GL Count 10/10	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	io2MHz Ant1	Emission	
re: 7.DEC.2023 14 rectrum Ref Level 20.00 dBr Att 30 dl GL Count 10/10 IPk Max	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	io2MHz Ant1	Emission	-1.91 dE
re: 7.DEC.2023 14 rectrum Ref Level 20.00 dBr Att 30 dl GL Count 10/10 IPk Max 0 dBm	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	Reads 102MHz Ant1 Mode Sweep	Emission	
Pectrum Ref Level 20.00 dBr Att 30 dl IGL Count 10/10 IPk Max 0 dBm M1	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G
Pectrum Ref Level 20.00 dBr Att 30 dl IGL Count 10/10 IPk Max 0 dBm M1 dBm	Tx. Spurious N	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G -40.93 dE
Pectrum     Ref Level 20.00 dBr Att 30 dBr     Ick Max     dBm     M1     dBm     M1	Tx. Spurious N Offset 2.52 dB SWT 265 ms	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G -40.93 dE
:e: 7.DEC.2023     14       pectrum	Tx. Spurious N Offset 2.52 dB SWT 265 ms	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G -40.93 dE
ie: 7.0EC.2023     14       pectrum     Image: Constraint of the second distribution of the second distributicity of the secon	Tx. Spurious N m Offset 2.52 dB e B SWT 265 ms e GdBm	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G -40.93 dE
ie: 7.0EC.2023     14       ipectrum     Image: Construction of the second sec	Tx. Spurious N m Offset 2.52 dB  B SWT 265 ms  A dBm	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep	Emission	-1.91 dE 2.402070 G -40.93 dE
Image: weight of the second	Tx. Spurious N m Offset 2.52 dB e B SWT 265 ms e GdBm	IVNT 1-DH5 24 RBW 100 kHz	KozMHz Ant1  Mode Sweep  M1[1]  M2[1]		-1.91 dE 2.402070 G -40.93 dE
Image: weight of the second	Tx. Spurious N m Offset 2.52 dB • B SWT 265 ms •	IVNT 1-DH5 24 RBW 100 kHz	Mode Sweep		-1.91 de 2.402070 G -40.93 de 4.803423 G
Image: Sector of the sector	Tx. Spurious N m Offset 2.52 dB • B SWT 265 ms •	IVNT 1-DH5 24 RBW 100 kHz	Reads		-1.91 de 2.402070 G -40.93 de 4.803423 G
Image: Sector of the sector	Tx. Spurious N m Offset 2.52 dB • B SWT 265 ms •	IVNT 1-DH5 24 RBW 100 kHz	Reads		-1.91 de 2.402070 G -40.93 de 4.803423 G
Image: Set 17.0EC.2023     14       Image: Set 17.0EC.2023     14       Image: Set 14.000 dBr     30 dBr       Att     30 dBr       Image: Set 14.000 dBr     1 -21.176       Image: Set 14.000 dBr	Tx. Spurious N m Offset 2.52 dB • B SWT 265 ms •	IVNT 1-DH5 24	IO2MHz Ant1 Mode Sweep M1[1] M2[1]		-1.91 dE 2.402070 G -40.93 dE 4.803423 G
Image: Sector of the sector	Tx. Spurious N m Offset 2.52 dB • B SWT 265 ms •	IVNT 1-DH5 24 RBW 100 kHz	IO2MHz Ant1 Mode Sweep M1[1] M2[1]		-1.91 de 2.402070 G -40.93 de 4.803423 G
Image: Section 20:000 (Section 20:000)     14       Image: Section 20:000 (Section 20:000)     14     30 (Section 20:000)       Image: Section 20:000 (Section 20:000)     14     30 (Section 20:000)       Image: Section 20:000 (Section 20:000)     14     30 (Section 20:000)       Image: Section 20:000 (Section 20:000)     14     30 (Section 20:000)       Image: Section 20:000 (Section 20:000)     14     14       <	Tx. Spurious N m Offset 2.52 dB B SWT 265 ms G dBm G dBm M4 M5 K-value	IVNT 1-DH5 24 RBW 100 kHz VBW 300 kHz VBW 300 kHz 3000 kHz 30001 pt Y-value	IO2MHz Ant1 Mode Sweep M1[1] M2[1]		-1.91 dE 2.402070 G -40.93 dE 4.803423 G
Image: Set 17.0EC.2023     14       Image: Set 17.0EC.2	Tx. Spurious N m Offset 2.52 dB B SWT 265 ms dBm dBm dBm x-value 2.40207 GHz	IVNT 1-DH5 24 RBW 100 kHz VBW 300 kHz VBW 300 kHz 300 kHz VBW 300	Reads		-1.91 dE 2.402070 G -40.93 dE 4.803423 G
Image: Section of the section of t	X. Spurious N           m         Offset         2.52 dB         #           B         SWT         265 ms         #           9 dBm	IVNT 1-DH5 24 RBW 100 kHz VBW 300 kHz VBW 300 kHz 300 kHz VBW 300	Reads		-1.91 dE 2.402070 G -40.93 dE 4.803423 G
Image: wight of the second	Tx. Spurious N           m         Offset 2.52 dB           B         SWT         265 ms           B         SWT         265 ms           B         Gamma         1           B         Gamma         1           B         Gamma         1           B         Gamma         1           C         Gamma         1 <td>IVNT 1-DH5 24 RBW 100 kHz VBW 300 kHz BUD 100 kHz BUD</td> <td>Reads</td> <td></td> <td>-1.91 dE 2.402070 G -40.93 dE 4.803423 G</td>	IVNT 1-DH5 24 RBW 100 kHz VBW 300 kHz BUD 100 kHz BUD	Reads		-1.91 dE 2.402070 G -40.93 dE 4.803423 G

1Pk Max	100/100		RBW 100 kHz VBW 300 kHz	Mode Sweep			
	0						
100 CT				M1[1]			1.01 dBn 4120 GH
LO dBm			+		+ +	2.1100	120 00
			M				
) dBm			the man	mont		-	
		Yang I		- My	3		
10 dBm		www			- march		
20 dBm	- win	and and			- when	Jack .	
	and all a					- Share	
30 dBm							and the
al and							y
40 dBm	6	1 1		1	-		
co do							
50 dBm							
60 dBm							
oo ubm							
-70 dBm	~				_		
CF 2.441 G	2117		1001 pts	-		Snan	1.5 MHz
				Ready		4,40	
<b>Ref Level</b>	1 20 00 dB						
Att	30 d			Mode Sweep			
Att SGL Count	30 d						
Att SGL Count 1Pk Max	30 d			Mode Sweep M1[1]			1.60 dBn
Att SGL Count 1Pk Max 10 dBm-	30 d					2.440	
Att SGL Count 1Pk Max 10 dBm- M1	30 d			M1[1]		2.440	1.60 dBn 0900 GH:
Att SGL Count 1Pk Max 10 dBm dBm	30 d			M1[1]		2.440	1.60 dBn 0900 GH: 0,11 dBn
Att <u>SGL Count</u> <u>1Pk Max</u> 10 dBm 10 dBm 10 dBm	30 d 10/10	iB SWT 265 ms •		M1[1]		2.440	1.60 dBn 0900 GH: 0,11 dBn
Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm	30 d 10/10	iB SWT 265 ms •		M1[1]		2.440	1.60 dBn 0900 GH: 0,11 dBn
Att <u>SGL Count</u> ) IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm	30 d 10/10	iB SWT 265 ms •		M1[1]		2.44(	1.60 dBn 0900 GH: 0,11 dBn
Att <u>SGL Count</u> ) IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm 30 dBm	30 d 10/10	iB SWT 265 ms •		M1[1]		2.44(	1.60 dBn 0900 GH: 0,11 dBn
Att <u>SGL Count</u> <u>)</u> IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 d 10/10	iB SWT 265 ms ●		M1[1]		2.440 -40 4.88	1.60 dBn 0900 GH: 0,11 dBn
Att SGL Count 1Pk Max 10 dBm	30 d 10/10	3B SWT 265 ms	VBW 300 kHz	M1[1]		2.44(	1.60 dBn 0900 GH: 0.11 dBn 1951 GH;
Att SGL Count 1Pk Max 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 50 dBm	30 d 10/10	iB SWT 265 ms	VBW 300 kHz	M1[1] M2[1]		2.440 -4( -4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH;
Att <u>SGL Count</u> <u>)</u> IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm	30 d 10/10	iB SWT 265 ms	VBW 300 kHz	M1[1] M2[1]		2.440 -4( -4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH;
Att SGL Count 1Pk Max 1Pk Max 10 dBm 10 dBm 20 dBm 20 dBm 40 dBm 50 dBm 70 dBm 70 dBm	30 d 10/10 D1 -21.01 M	iB SWT 265 ms	VBW 300 kHz	M1[1] M2[1]		2.440 -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH;
Att           SGL Count           1Pk Max           10 dBm           10 dBm           10 dBm           20 dBm           30 dBm           40 dBm           50 dBm           50 dBm           770 dBm           Start 30.0	30 d 10/10 01 -21.01 M2 MHz	38 SWT 265 ms	VBW 300 kHz	M1[1] M2[1]	Anim och parkler för diren grafer	2.44( -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH:
Att           SGL Count           1Pk Max           10 dBm           30 dBm           40 dBm           50 dBm           5	30 d 10/10 D1 -21.01 M 1 - 1/21.01 M M Hz f   Trc	B SWT 265 ms	VBW 300 kHz	M1[1] M2[1]	Anim och parkler för diren grafer	2.440 -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH:
Att SGL Count 1Pk Max 10 dBm 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 40 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm	30 d 10/10 01 -21.01 M2 MHz	38 SWT 265 ms	VBW 300 kHz	M1[1] M2[1]	Anim och parkler för diren grafer	2.44( -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH:
Att           SGL Count           1Pk Max           1Pk Max           10 dBm           10 dBm           10 dBm           10 dBm           30 dBm           -30 dBm           -40 dBm           50 dBm           Ma	30 d 10/10 D1 -21.01 M2 MHz f Trc 1 1 1	B         SWT         265 ms           1         dBm         1           2         4         MS           3         4         MS           4         481951 GHz         4.881951 GHz           4         4.881951 GHz         4.881951 GHz	VBW 300 kHz	M1[1] M2[1]	Anim och parkler för diren grafer	2.44( -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH:
Att           SGL Count           SGL Count           1Pk Max           L0 dBm           10 dBm           10 dBm           20 dBm           30 dBm           40 dBm           50 dBm           70 dBm           Stort 30.0           lorker           Type Rei           M1           M2	30 d 10/10 D1 -21.01 M2 MHz f Trc 1 1	B         SWT         265 ms           1         dBm         1           3         1         1           4         Max         1           3         1         1           4         Max         1	VBW 300 kHz	M1[1] M2[1]	Anim och parkler för diren grafer	2.44( -4( 4.88)	1.60 dBn 0900 GH: 0.11 dBn 1951 GH:

Att	il 20.00 dB 30 d		<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Sweep			
SGL Count 1Pk Max	100/100	ues- todzesenic - 525040es		- Markara - Caldal ⁷ -5			
TER MAX	<u> </u>	Ĩ Ĩ	1	M1[1]			-1.33 dBr
047924				1.000	a	2.479	83670 GH
10 dBm		1					
			M1				
) dBm			when	margan			
10 dBm-	o	1		.,,	~		
		man			June Marine Marine		
20 dBm —	Nam		_			marka	
47	and the second s						ma
30 dBm-	-						. when
d'							
40 dBm-	8						
no dr							
-50 dBm —							
60 dBm-							
oo usin							
70 dBm —							
, a abiii	ĩ						1
CF 2.48 G	3		1001 p				in 1.5 MHz
	 c.2023 1 m		NVNT 1-DH5 2	-Ready_	1 Emission	4,49	I I V
Spectrur Ref Leve	n I 20.00 dB 30 d	Tx. Spurious		-Ready_	1 Emission	4,49	(E
Spectrur Ref Leve Att SGL Count	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant	1 Emission	440	
Spectrur Ref Leve Att SGL Count	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant	1 Emission	444	
Spectrur Ref Leve Att SGL Count 1Pk Max	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 180600 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm- M	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 180600 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Couni 1Pk Max 10 dBm 0 dBm	n 1 20.00 dB 30 d 1 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Counin 1Pk Max 10 dBm 0 dBm 10 dBm	n I 20.00 dB 30 d	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Count ) IPk Max 10 dBm 10 dBm 10 dBm 20 dBm 20 dBm	n 1 20.00 dB 30 d 1 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm	n 20.00 dB 30 d 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm- 0 dBm- -10 dBm-	n 20.00 dB 30 d 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	1 Emission	2.4	-1.42 dBn 80600 GH 42.81 dBn
Spectrur Ref Leve Att SGL Count 10 dBm 0 dBm 0 dBm 20 dBm 	n 20.00 dB 30 d 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1]	, Rustina si yaki Montes rac	2.4 4.5	-1.42 dBn 80600 GH •42.81 dBn 555956 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 1Pk Max 0 dBm 	n 20.00 dB 30 d 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant	, Rustina si yaki Montes rac	2.4 4.5	-1.42 dBn 80600 GH •42.81 dBn 555956 GH
Spectrur Ref Leve Att SGL Count 10 dBm 0 dBm 0 dBm 20 dBm 	n 20.00 dB 30 d 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant	, Rustina si yaki Montes rac	2.4 4.5	-1.42 dBn 80600 GH •42.81 dBn 555956 GH
Spectrum Ref Leve Att SGL County IPK Max IPK Max ID dBm 0 dBm 10 dBm 20 dBm 30 dBm 40 dBm 	n 30 d 1 20.00 dB 30 d 1 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep 	, Rustina si yaki Montes rac	2.4 4.5	-1.42 dBr 80600 GH 42.81 dBr 159596 GH
Spectrum Ref Leve Att SGL County 1Pk Max 10 dBm 10 dBm 10 dBm 20 dBm 30 dBm 40 dBm 	n 30 d 1 20.00 dB 30 d 1 10/10	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep 	, Rustina si yaki Montes rac	2.4 4.5	-1.42 dBn 80600 GH •42.81 dBn 555956 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 70	n 20.00 dB 30 d 10/10 01 -21.32 M MHz MHz	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep 		2.4 4.5	-1.42 dBn 80600 GH 42.81 dBn 59596 GH
Spectrur Ref Leve Att SGL Count 10 IPk Max 10 dBm 10 dBm 10 dBm 10 dBm 30 dBm 30 dBm 30 dBm 40 dBm 50 dBm	n 1 20.00 dB 30 d 1 10/10 	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant 2480MHz Ant Mode Sweep M1[1] M2[1] M2[1] M2[1] M2[1] M3 M3 M3 M3 M3 M3 M3 M3 M3 M3		2.4 4.5	-1.42 dBn 80600 GH 42.81 dBn 59596 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 30 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 50 dBm 70	n 20.00 dB 30 d 10/10 1 	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		2.4 4.5	-1.42 dBn 80600 GH 42.81 dBn 59596 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30	m 1 20.00 dB 30 d 10/10 1 	Tx. Spurious	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		2.4 4.5	-1.42 dBn 80600 GH 42.81 dBn 59596 GH
Spectrur Ref Leve Att SGL Count 1Pk Max 10 dBm 0 dBm 10 dBm 20 dBm 30 dBm 30 dBm 30 dBm 40 dBm 50	n 20.00 dB 30 d 10/10 1 	Tx. Spurious           m         Offset         2.55 dB           JB         SWT         265 ms           B         B         SWT         265 ms           B         B         B         B         B           B         B         B         B         B           B         B         B         B         B           B         B         B         B         B         B           B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B	NVNT 1-DH5 2	2480MHz Ant Mode Sweep M1[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1] M2[1]		2.4 4.5	-1.42 dBn 80600 GH 42.81 dBn 59596 GH





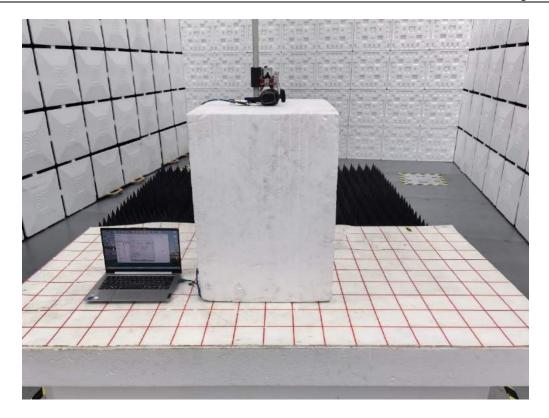


## **APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION**

**AC Power Line Conducted Emission** 







## **END OF REPORT**