



TEST REPORT

Applicant: Huanghe S&T Group Information Industry Development Co., Ltd.
Address of Applicant: No. 1999, Xinyuan Avenue, Jian'an District, Xuchang City, Henan Province, China
Manufacturer: Huanghe S&T Group Information Industry Development Co., Ltd.
Address of Manufacturer: No. 1999, Xinyuan Avenue, Jian'an District, Xuchang City, Henan Province, China
Product Name: Rarekiss Smart Eyewear Nova
Model No.: GLA10 A1
Trade Mark: REBECCA RAREKISS
FCC ID: 2BV6Z-GLA10A1
Applicable standards: 47CFR Part 15.247
Date of Test: Jun.29, 2026-Jul.29, 2026
Date of report issued: Jul.30, 2026

Remark:

The results shown in this test report refer only to the sample(s) tested , this test report cannot be reproduced, except in full without prior written permission of the company.

The report would be invalid without specific stamp of test institute and the signatures of compiler and approver

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Contents

Page

1	TEST SUMMARY	4
2	GENERAL INFORMATION	5
2.1	GENERAL DESCRIPTION OF EUT	5
2.2	TEST MODE	7
2.3	DESCRIPTION OF SUPPORT UNITS	7
2.4	TEST FACILITY	7
2.5	ADDITIONAL INSTRUCTIONS	7
3	TEST INSTRUMENTS LIST	8
4	TEST RESULTS AND MEASUREMENT DATA	9
4.1	ANTENNA REQUIREMENT	9
4.2	CONDUCTED EMISSIONS	10
4.3	CONDUCTED PEAK OUTPUT POWER	13
4.4	20dB EMISSION BANDWIDTH	15
4.5	CARRIER FREQUENCIES SEPARATION	26
4.6	HOPPING CHANNEL NUMBER	37
4.7	DWELL TIME	42
4.8	BAND EDGE	63
4.8.1	<i>Conducted Emission Method</i>	63
4.8.2	<i>Radiated Emission Method</i>	88
4.9	SPURIOUS EMISSION	90
4.9.1	<i>Conducted Emission Method</i>	90
4.9.2	<i>Radiated Emission Method</i>	109
5	TEST SETUP PHOTO	117
6	EUT CONSTRUCTIONAL DETAILS	117

1 Test Summary

Test Item	Section	Result	Test by
Antenna Requirement	47CFR Part15.203/15.247 (b) (4)	N/A	/
AC Power Line Conducted Emission	47CFR Part 15.207	Pass	Jason Huang
Conducted Peak Output Power	47CFR Part 15.247 (b)(1)	Pass	Oliver Wang
20dB Occupied Bandwidth	47CFR Part 15.247 (a)(1)	Pass	Oliver Wang
Carrier Frequencies Separation	47CFR Part 15.247 (a)(1)	Pass	Oliver Wang
Hopping Channel Number	47CFR Part 15.247 (a)(1)(iii)	Pass	Oliver Wang
Dwell Time	47CFR Part 15.247 (a)(1)(iii)	Pass	Oliver Wang
Radiated Emission	47CFR Part 15.205/15.209	Pass	Jason Huang
Band Edge	47CFR Part 15.247(d) 47CFR part 15.205/15.209	Pass	Oliver Wang

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Test according to ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 and KDB558074 D01 15.247 Meas Guidance v05r02.
3. Note: Compliance determination rules
 - 1).The Compliance determination of test results does not take into account measurement uncertainty. Measurement results are determined based on regulatory limitations or requirements specified by the applicant/manufacture. If measurement uncertainty is taken into account, the applicant/manufacture will bear all possible risks of non-compliance.
 - 2).The measurement uncertainty please refer to each test result in the "Measurement Uncertainty"

Measurement Uncertainty

Test Item	Measurement Uncertainty	Notes
Occupied Channel Bandwidth	0.72%	(1)
RF output power, conducted	±0.67 dB	(1)
Power Spectral Density, conducted	±0.51 dB	(1)
Unwanted Emissions, conducted	±0.64 dB	(1)
AC Power Line Conducted Emission	± 3.38 dB	(1)
Radiated emissions 9K-30MHz	±4.26 dB	(1)
Radiated emissions 30M- 1GHz	±4.88 dB	(1)
Radiated emissions 1GHz-18GHz	± 4.16 dB	(1)
Radiated emissions 18GHz-40GHz	±4.14 dB	(1)
Frequency error	Uc=6X10 ⁻⁷	(1)
Dewll Time	±0.03	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

2 General Information

2.1 General Description of EUT

Product Name:	Rarekiss Smart Eyewear Nova
Model No.:	GLA10 A1
Difference of model(s):	N/A
Test Model:	GLA10 A1
Hardware Version:	N/A
Software Version:	N/A
Power supply:	DC 5V 0.5A
Battery:	DC 3.85V 110mAh*2
Adapter:	N/A
Radio Technology:	Bluetooth EDR
Operation Frequency:	2402MHz~2480MHz
Channel numbers:	79
Channel separation:	1MHz
Modulation type:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna Type:	FPC antenna
Antenna gain:	1.13dBi
<i>Note:</i> <i>1. For more details, refer to the user's manual of the EUT.</i> <i>2. Antenna information is provided by applicant, Testing lab is not responsible for the accuracy of the information.</i>	

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	21	2422MHz	41	2442MHz	61	2462MHz
2	2403MHz	22	2423MHz	42	2443MHz	62	2463MHz
3	2404MHz	23	2424MHz	43	2444MHz	63	2464MHz
4	2405MHz	24	2425MHz	44	2445MHz	64	2465MHz
5	2406MHz	25	2426MHz	45	2446MHz	65	2466MHz
6	2407MHz	26	2427MHz	46	2447MHz	66	2467MHz
7	2408MHz	27	2428MHz	47	2448MHz	67	2468MHz
8	2409MHz	28	2429MHz	48	2449MHz	68	2469MHz
9	2410MHz	29	2430MHz	49	2450MHz	69	2470MHz
10	2411MHz	30	2431MHz	50	2451MHz	70	2471MHz
11	2412MHz	31	2432MHz	51	2452MHz	71	2472MHz
12	2413MHz	32	2433MHz	52	2453MHz	72	2473MHz
13	2414MHz	33	2434MHz	53	2454MHz	73	2474MHz
14	2415MHz	34	2435MHz	54	2455MHz	74	2475MHz
15	2416MHz	35	2436MHz	55	2456MHz	75	2476MHz
16	2417MHz	36	2437MHz	56	2457MHz	76	2477MHz
17	2418MHz	37	2438MHz	57	2458MHz	77	2478MHz
18	2419MHz	38	2439MHz	58	2459MHz	78	2479MHz
19	2420MHz	39	2440MHz	59	2460MHz	79	2480MHz
20	2421MHz	40	2441MHz	60	2461MHz		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2441MHz
The Highest channel	2480MHz



2.2 Test mode

Conducted test	Link mode
RF and Radiated test	Transmitting mode (Keep the EUT in Max. power level continuously transmitting mode.)
Remark: For battery operated equipment, the EUT was performed using a new DC 3.85V battery	

2.3 Description of Support Units

No.	Description	Manufacturer	Model	Serial Number
1	Adapter	Xiaomi	MDY-11-EM	/
/	/	/	/	/

2.4 Test Facility

Test laboratory:	Shenzhen ETR Standard Technology Co., Ltd.
CNAS Registration Number:	L11864
A2LA Certificate Number:	6640.01
FCC Designation Number:	CN1326
FCC Test Firm Registration:	183064
IC Company Number:	28440
Laboratory location:	No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

2.5 Additional Instructions

Test Software	SecureCRTPortable.exe
Power level setup	Default

3 Test Instruments list

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101214	2026.3.05	2027.3.04
2	EMI Test Receiver	Rohde&schwarz	ESCI3	102696	2026.3.05	2027.3.04
3	Loop Antenna	schwarabeck	FMZB 1519 B	128	2026.3.08	2028.3.07
4	Broadband antenna	schwarabeck	VULB9168	1064	2026.3.11	2028.3.10
5	Horn antenna	schwarabeck	BBHA9120D	2288	2026.3.08	2028.3.07
6	amplifier	EMtrace	RP01A	50117	2026.3.05	2027.3.04
7	AMN	schwarabeck	NSLK8127	8127483	2026.3.05	2027.3.04
8	AMN	ETS	3186/2NM	1132	2026.3.05	2027.3.04
9	10dB attenuator	HUBER+SUHN R	10dB	/	2026.3.05	2027.3.04
10	amplifier	Space-Dtronics	EWLAN0118G- P40	19113001	2026.3.05	2027.3.04
11	Filter	Xingbo	XBLBQ-GTA19	210410-3-1	2026.3.05	2027.3.04
12	Spectrum analyzer	KEYSIGHT	N9020A	MY55370280	2026.3.05	2027.3.04
13	Power control box	MWRFTest	MW100-PSB	MW201020JYT	2026.3.05	2027.3.04
14	Power Sensor	Keysight	U2021XA	MY54111006	2026.3.05	2027.3.04
15	amplifier	SKET	LNPA_1840-50 (18-40GHz)	19113001	2026.3.05	2027.3.04
16	Horn antenna	schwarabeck	BBHA 9170	946	2026.3.08	2028.3.07
17	Spectrum analyzer	Rohde&schwarz	FSU40	1166.1660K43	2026.3.05	2027.3.04
18	Temp. & Humidity Chamber	Jiecheng Instrument	QA-LP-80	20160705001	2026/3/06	2027/3/05

Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI).

Software Name	Manufacturer	Model	Version
RF test software	MWRFTest	MTS 8310	V2.0.0.0
Conducted test software	EZ-EMC	Farad	Ver.EMC-CON 3A1.1
Radiated test software	EZ-EMC	Farad	Ver.FA-03A2 RE

4 Test results and Measurement Data

4.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(b) (4)
15.203 requirement: 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, 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.	
15.247(b) (4) requirement: 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.	
E.U.T Antenna:	
The antenna is FPC antenna, the best case gain of the is 1.13dBi, reference to the Internal photos for details.	

4.2 Conducted Emissions

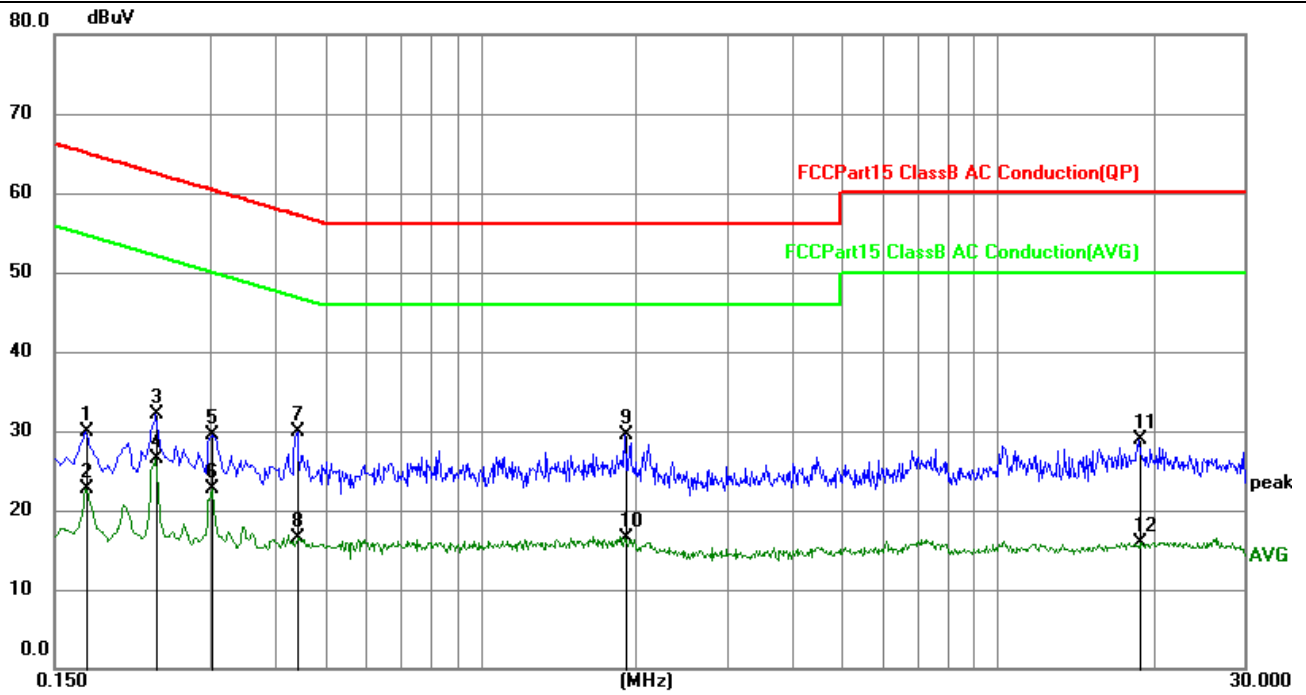
Test Requirement:	47CRF Part 15.207						
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §6.2						
Test Frequency Range:	150KHz to 30MHz						
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto						
Limit:	Frequency range (MHz)		Limit (dBuV)				
			Quasi-peak		Average		
	0.15-0.5		66 to 56*		56 to 46*		
	0.5-5		56		46		
	5-30		60		50		
* Decreases with the logarithm of the frequency.							
Test setup:	Reference Plane 40cm LISN AUX Equipment E.U.T LISN Filter EMI Receiver Test table/Insulation plane 80cm Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m						
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 on conducted measurement.						
Test Instruments:	Refer to section 3.0 for details						
Test mode:	Refer to section 2.2 for details						
Test environment:	Temp.:	24.4°C	Humid.:	44%	Press.:	1002 mbar	
Test voltage:	AC 120V, 60Hz						
Test results:	Pass						

Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.

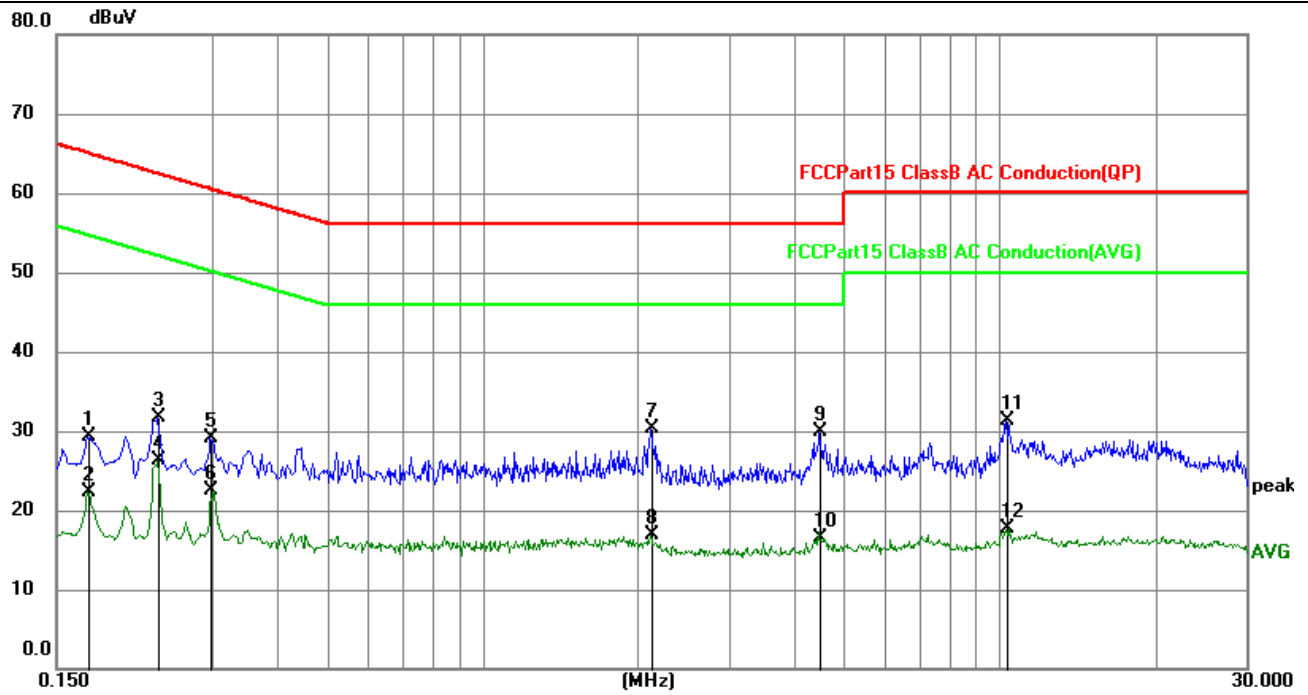
Measurement data:

Line:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1725	20.01	9.97	29.98	64.84	-34.86	QP
2	0.1725	12.83	9.97	22.80	54.84	-32.04	AVG
3	0.2355	22.18	9.98	32.16	62.25	-30.09	QP
4	0.2355	16.57	9.98	26.55	52.25	-25.70	AVG
5	0.3030	19.48	10.01	29.49	60.16	-30.67	QP
6	0.3030	12.74	10.01	22.75	50.16	-27.41	AVG
7	0.4425	19.89	10.06	29.95	57.01	-27.06	QP
8	0.4425	6.44	10.06	16.50	47.01	-30.51	AVG
9	1.9005	19.58	10.01	29.59	56.00	-26.41	QP
10	1.9005	6.54	10.01	16.55	46.00	-29.45	AVG
11	18.7529	18.92	9.95	28.87	60.00	-31.13	QP
12	18.7529	5.99	9.95	15.94	50.00	-34.06	AVG

Neutral:

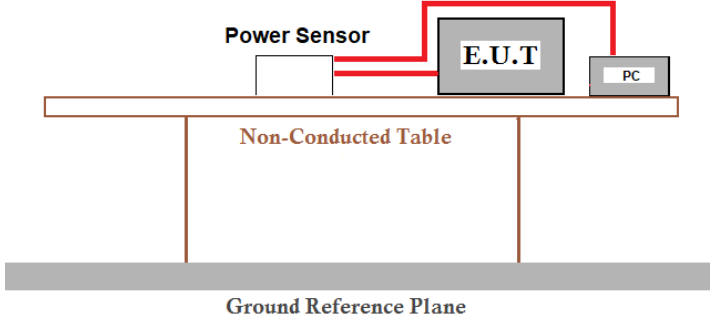


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1725	19.37	9.97	29.34	64.84	-35.50	QP
2	0.1725	12.37	9.97	22.34	54.84	-32.50	AVG
3	0.2355	21.67	9.98	31.65	62.25	-30.60	QP
4	0.2355	16.28	9.98	26.26	52.25	-25.99	AVG
5	0.2985	19.19	10.00	29.19	60.28	-31.09	QP
6	0.2985	12.49	10.00	22.49	50.28	-27.79	AVG
7	2.1210	20.23	10.00	30.23	56.00	-25.77	QP
8	2.1210	6.91	10.00	16.91	46.00	-29.09	AVG
9	4.4970	19.95	10.02	29.97	56.00	-26.03	QP
10	4.4970	6.40	10.02	16.42	46.00	-29.58	AVG
11	10.3065	21.16	10.07	31.23	60.00	-28.77	QP
12	10.3065	7.68	10.07	17.75	50.00	-32.25	AVG

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss

4.3 Conducted Peak Output Power

Test Requirement:	47CRF Part 15.247 (b)(1)	
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §7.8.5	
Limit:	Output Power :20.97dBm	
Test setup:	 The diagram illustrates the test setup. A Power Sensor is connected via red lines to an E.U.T. (Equipment Under Test) and a PC. Both the E.U.T. and the PC are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane, which is represented by a thick grey bar at the bottom.	
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.4°C	Humid.: 44%RH
Test voltage:	DC 3.85V from battery	
Test results:	Pass	

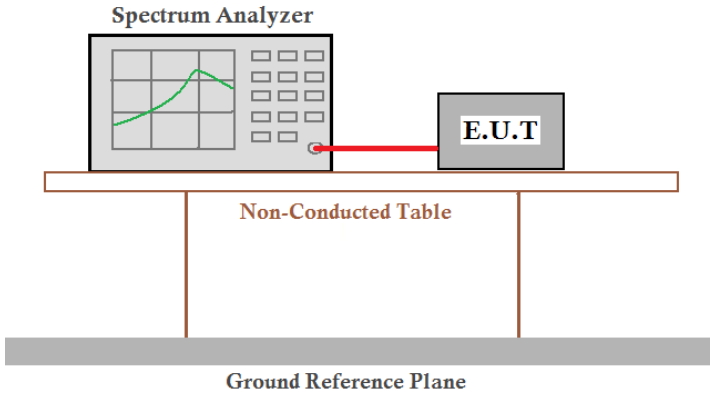
Measurement Result
L

Mode	Test channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	Lowest	-0.68	20.97	Pass
	Middle	-0.82		
	Highest	-0.80		
$\pi/4$ -DQPSK	Lowest	0.07	20.97	Pass
	Middle	-0.08		
	Highest	-0.04		
8DPSK	Lowest	0.62	20.97	Pass
	Middle	0.46		
	Highest	0.31		

R

Mode	Test channel	Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	Lowest	-1.01	20.97	Pass
	Middle	-1.01		
	Highest	-1.79		
$\pi/4$ -DQPSK	Lowest	-1.73	20.97	Pass
	Middle	-1.58		
	Highest	-2.28		
8DPSK	Lowest	-1.22	20.97	Pass
	Middle	-1.14		
	Highest	-1.90		

4.4 20dB Emission Bandwidth

Test Requirement:	47CRF Part 15.247 (a)(1)	
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §6.9.2	
Limit:	N/A	
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.4°C	Humid.: 44%RH
Test voltage:	DC 3.85V from battery	
Test results:	Pass	

Measurement Data

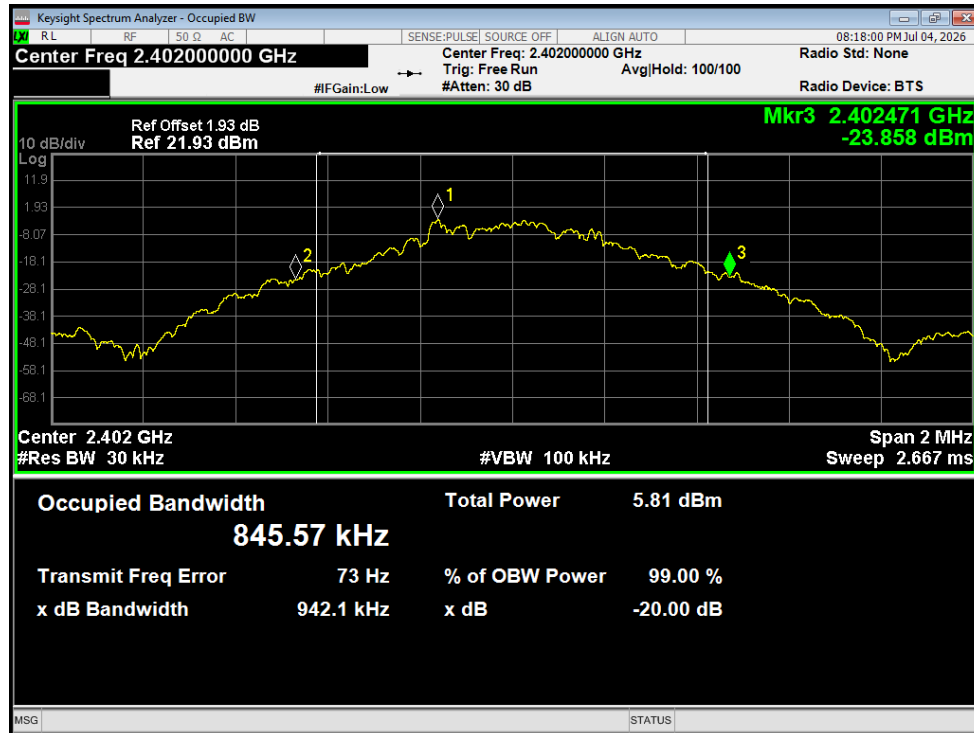
L

Mode	Test channel	20dB Emission Bandwidth (MHz)	Result
GFSK	Lowest	0.942	Pass
	Middle	0.944	
	Highest	0.943	
$\pi/4$ -DQPSK	Lowest	1.263	Pass
	Middle	1.257	
	Highest	1.269	
8DPSK	Lowest	1.279	Pass
	Middle	1.235	
	Highest	1.243	

Remark: Test performed at worst case in DH5, 2DH5,3DH5 mode separately.

Test plot as follows:

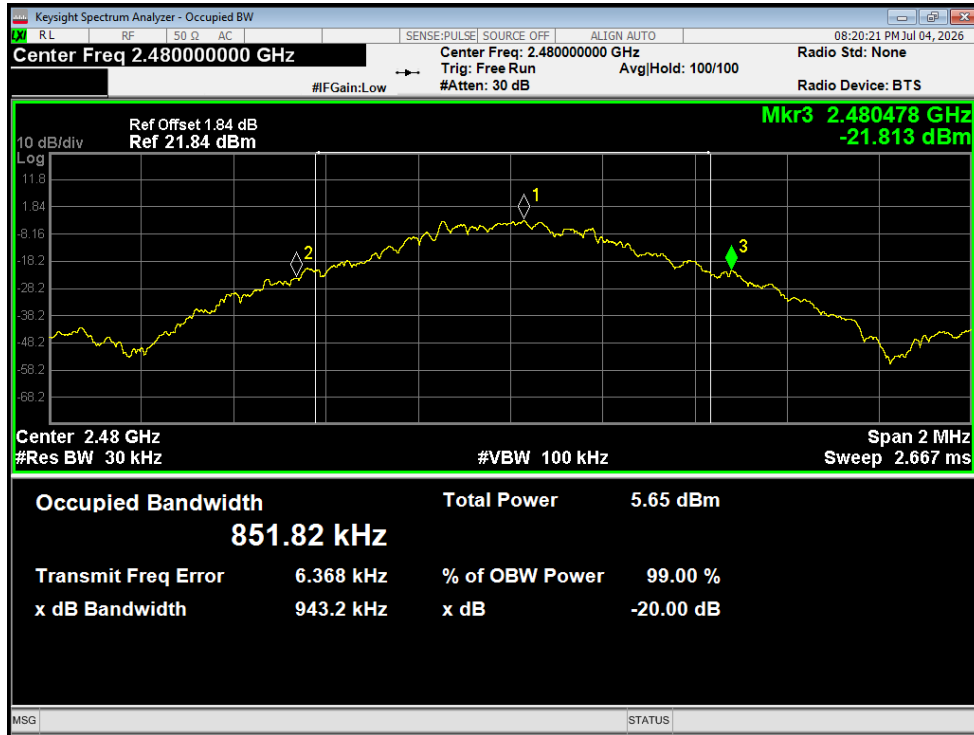
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



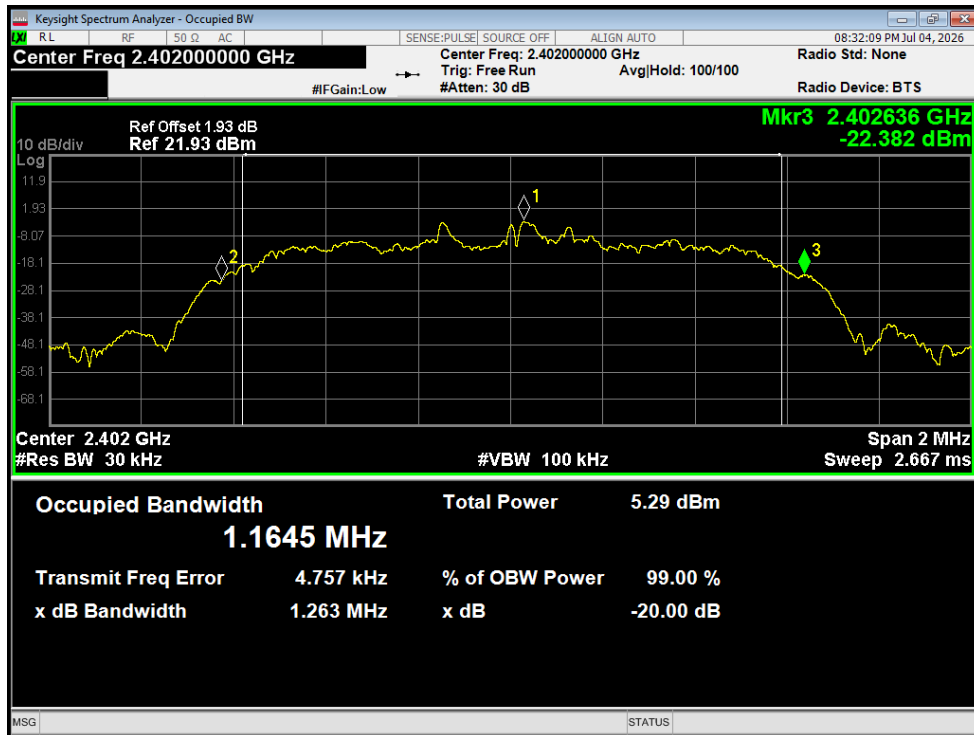
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

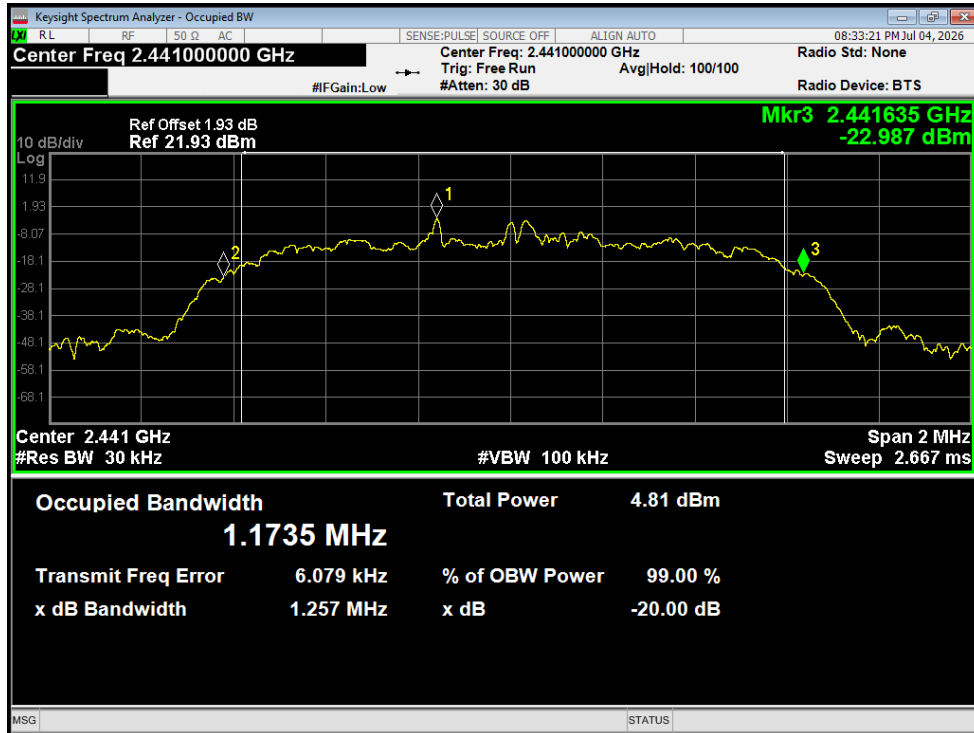


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

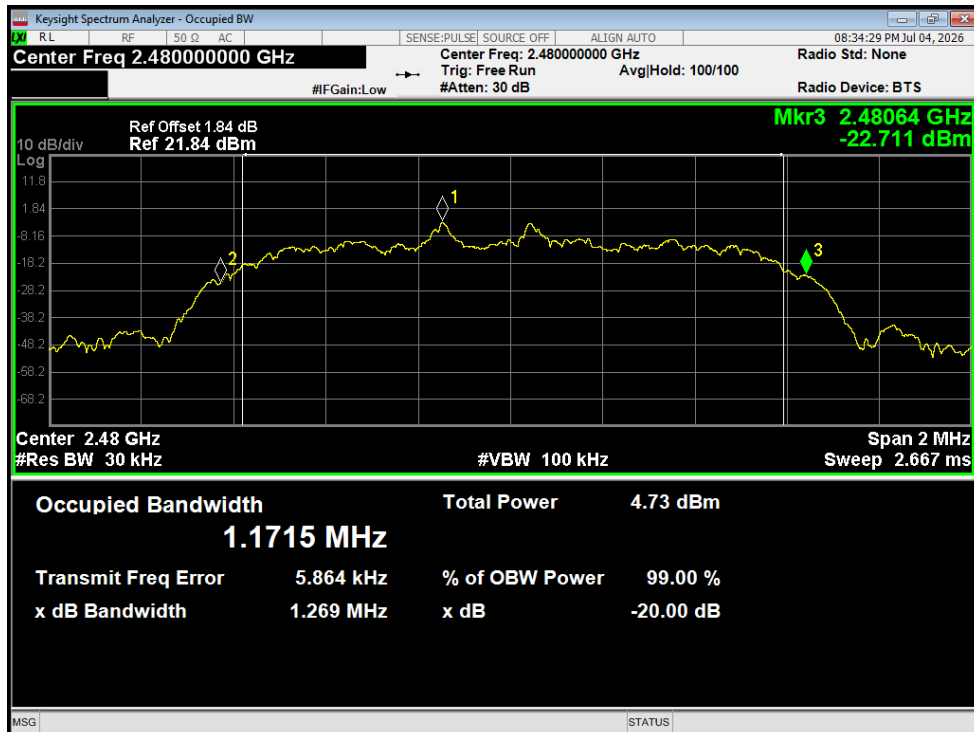




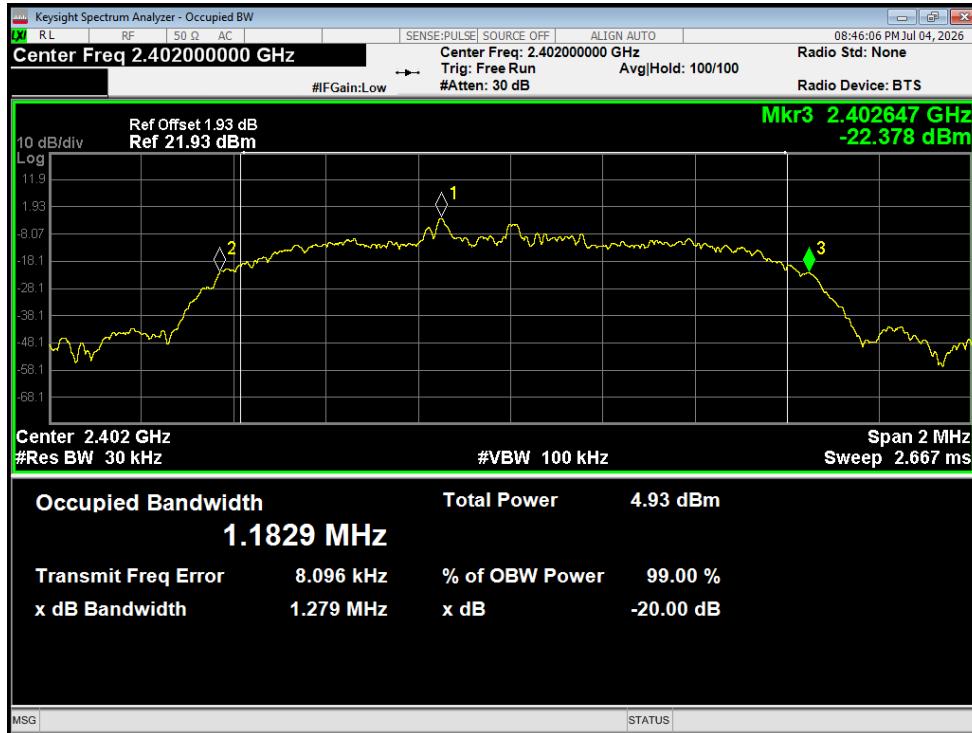
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



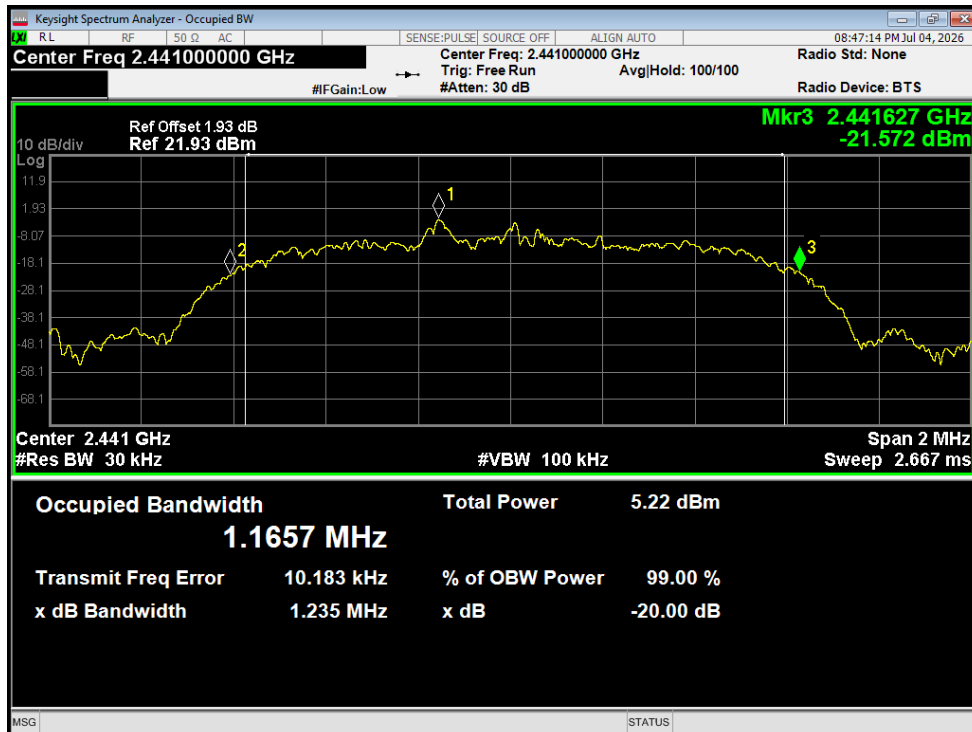
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



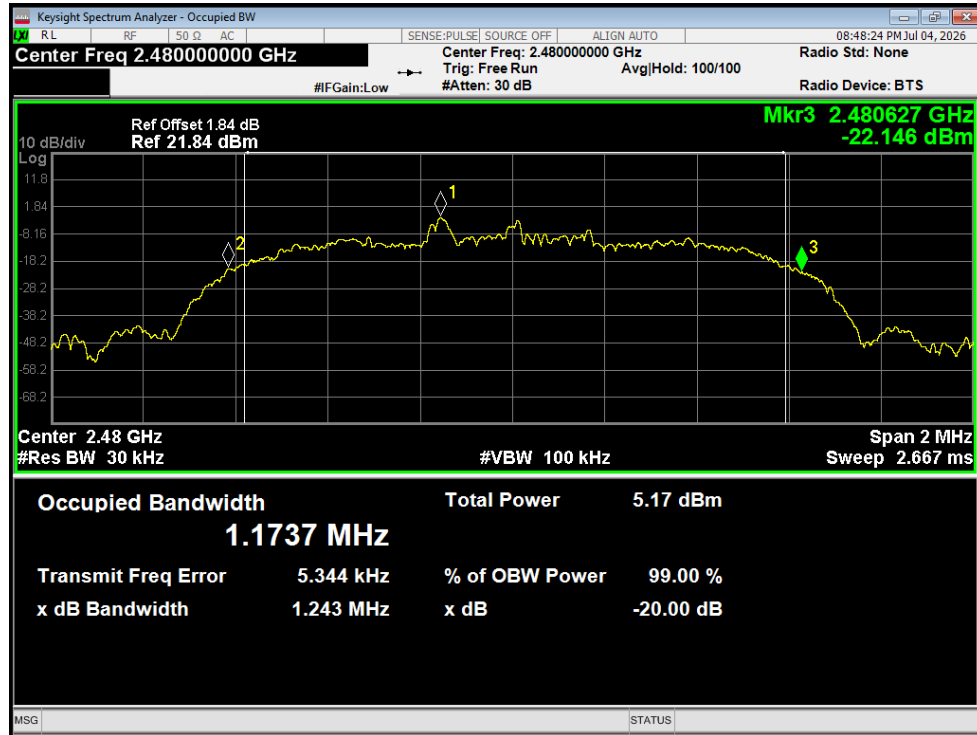
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



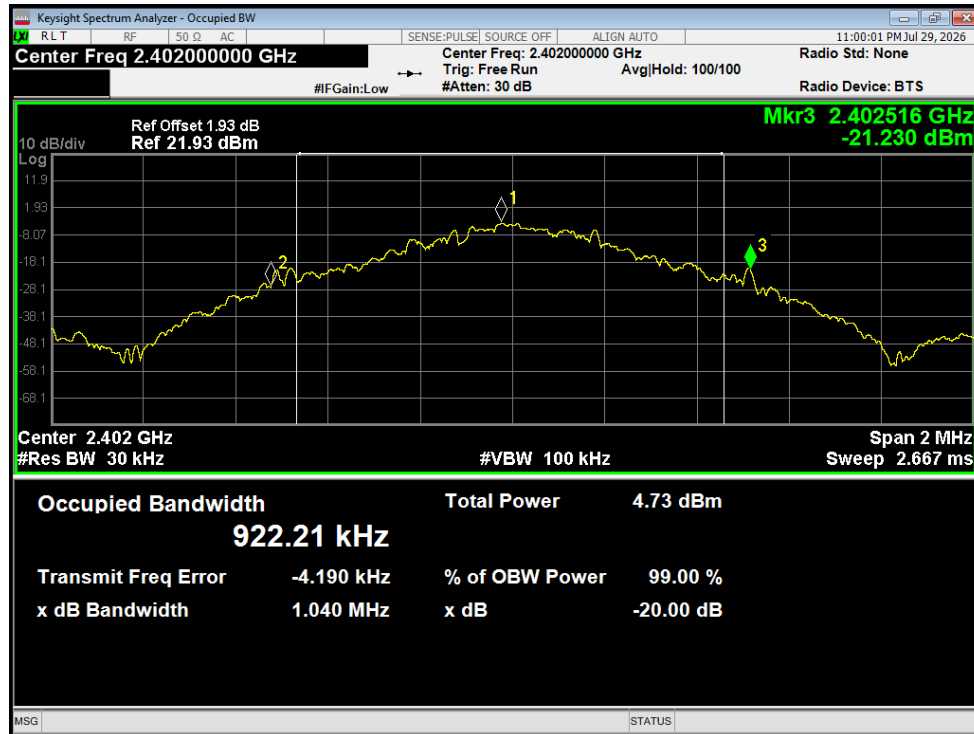
R

Mode	Test channel	20dB Emission Bandwidth (MHz)	Result
GFSK	Lowest	1.040	Pass
	Middle	1.003	
	Highest	0.982	
$\pi/4$ -DQPSK	Lowest	1.366	Pass
	Middle	1.314	
	Highest	1.276	
8DPSK	Lowest	1.298	Pass
	Middle	1.259	
	Highest	1.306	

Remark: Test performed at worst case in DH5, 2DH5,3DH5 mode separately.

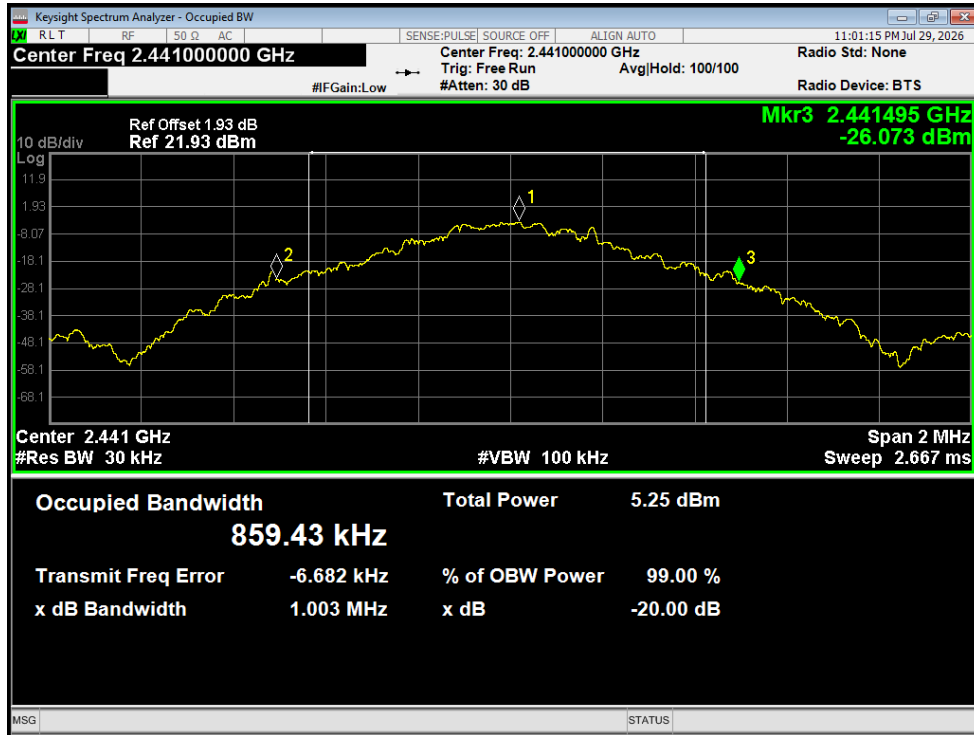
Test plot as follows:

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

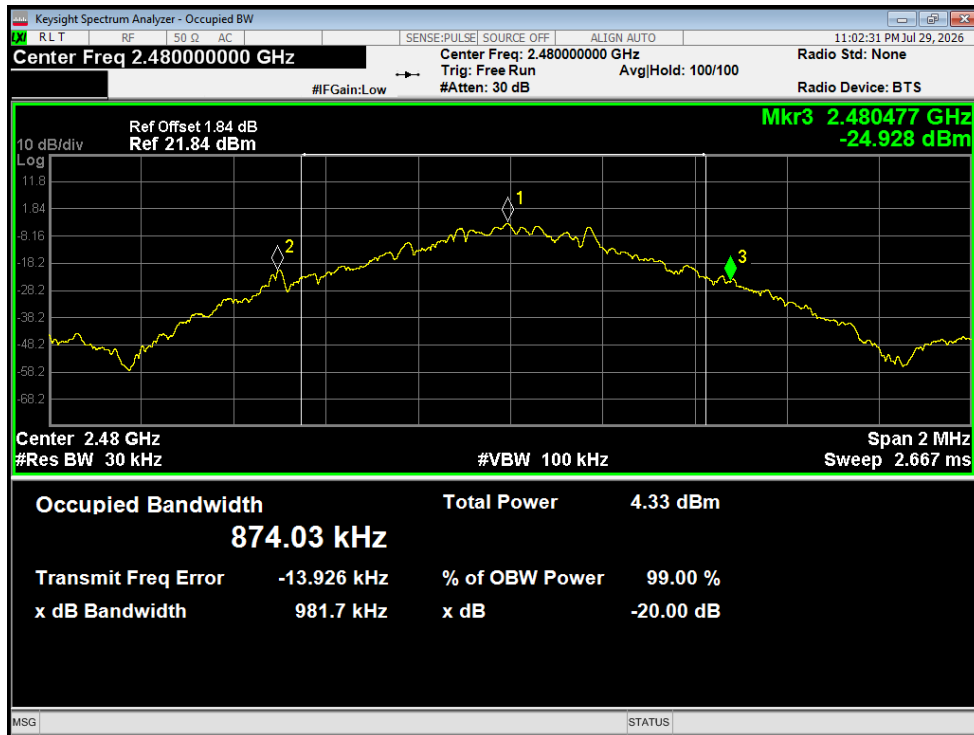




-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

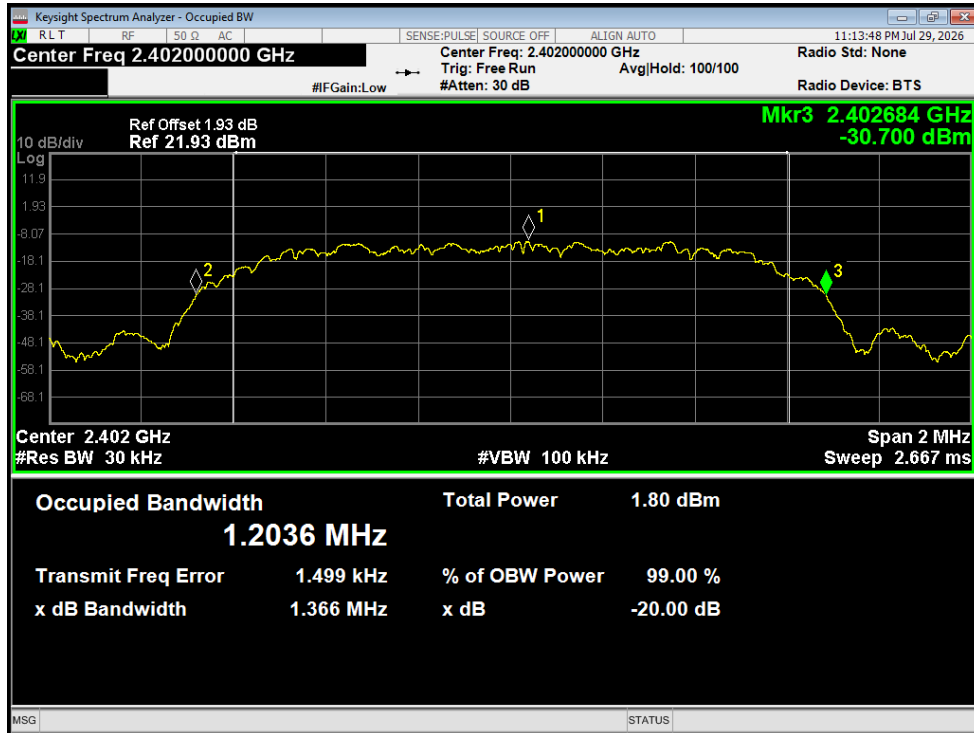


-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

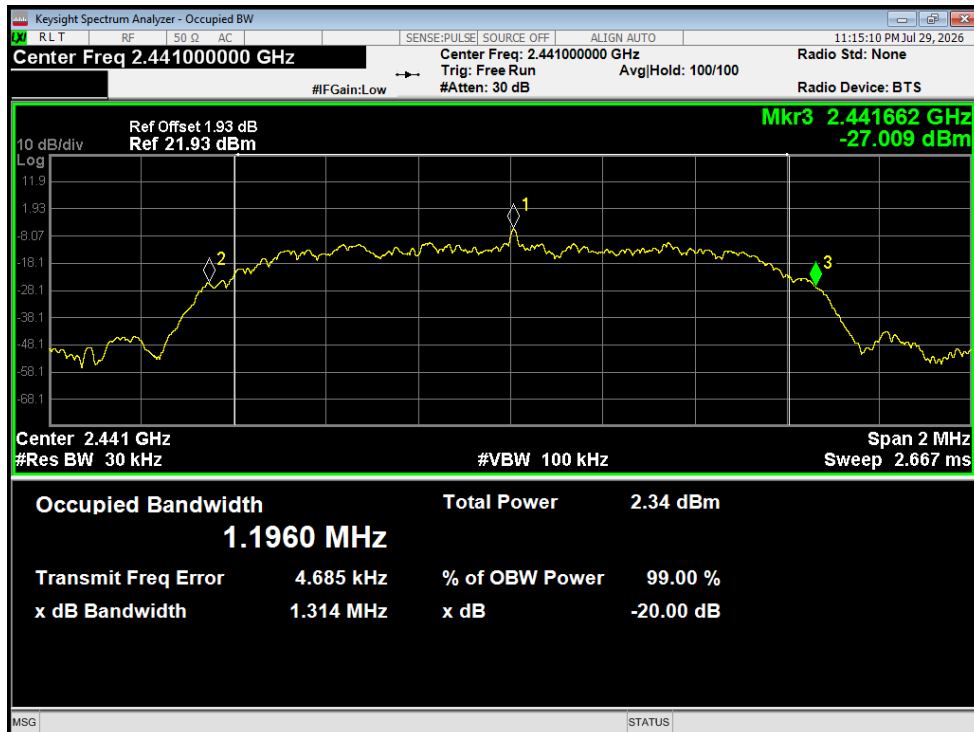




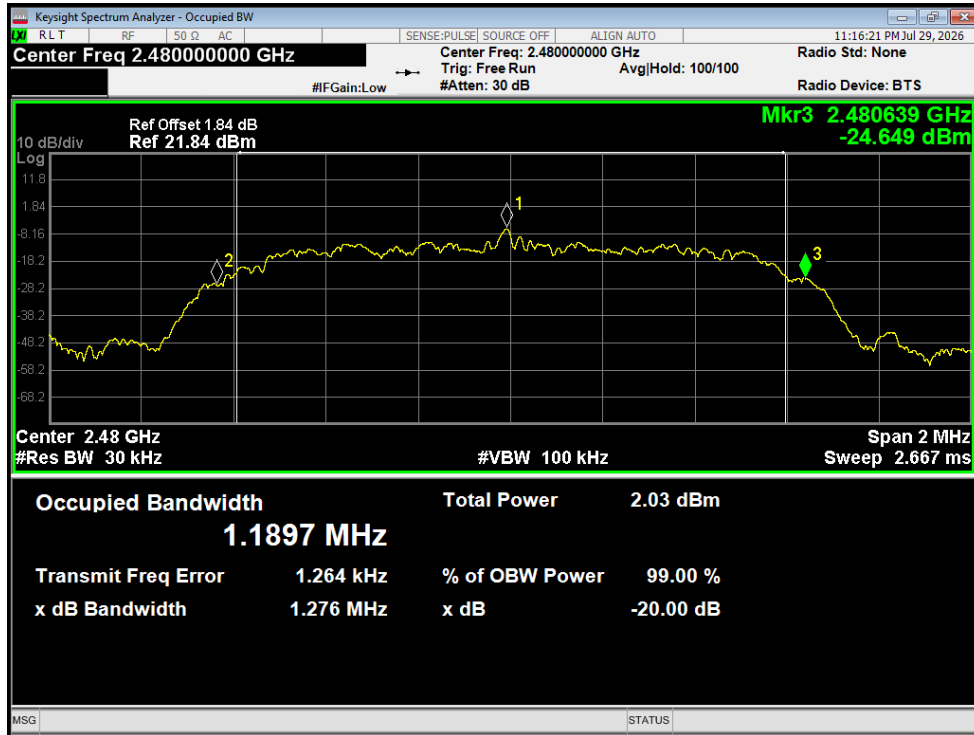
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



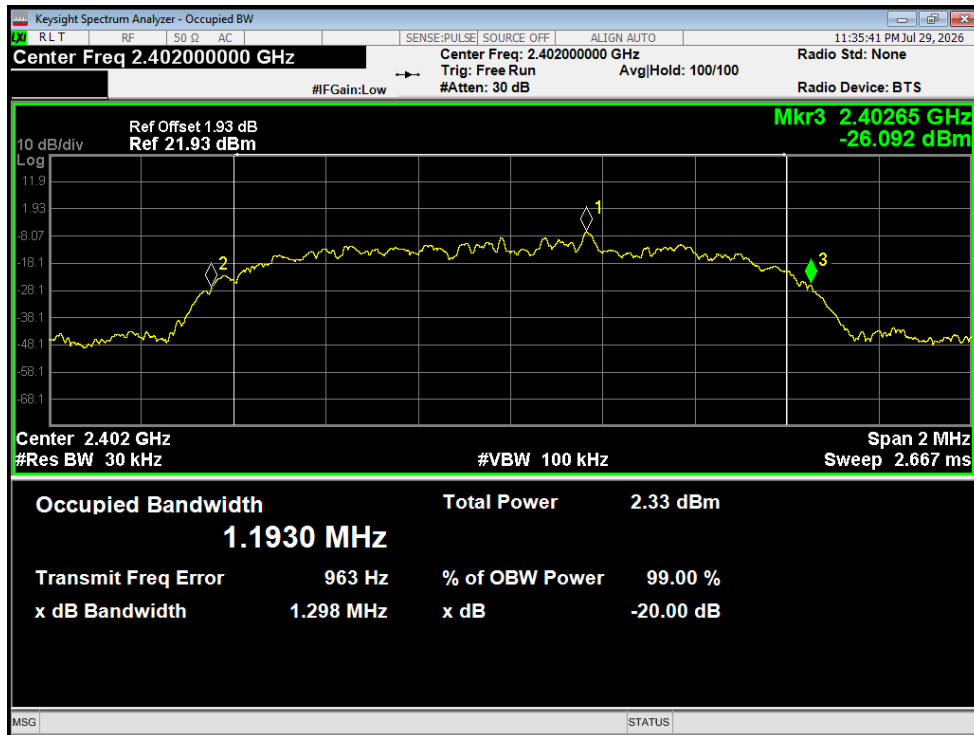
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



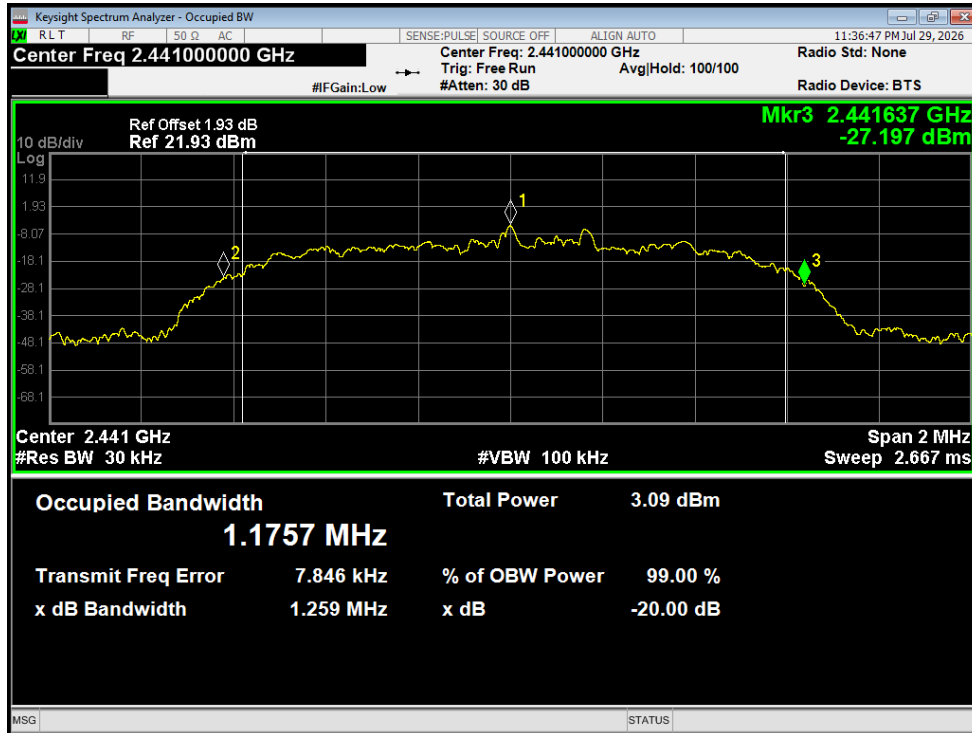
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



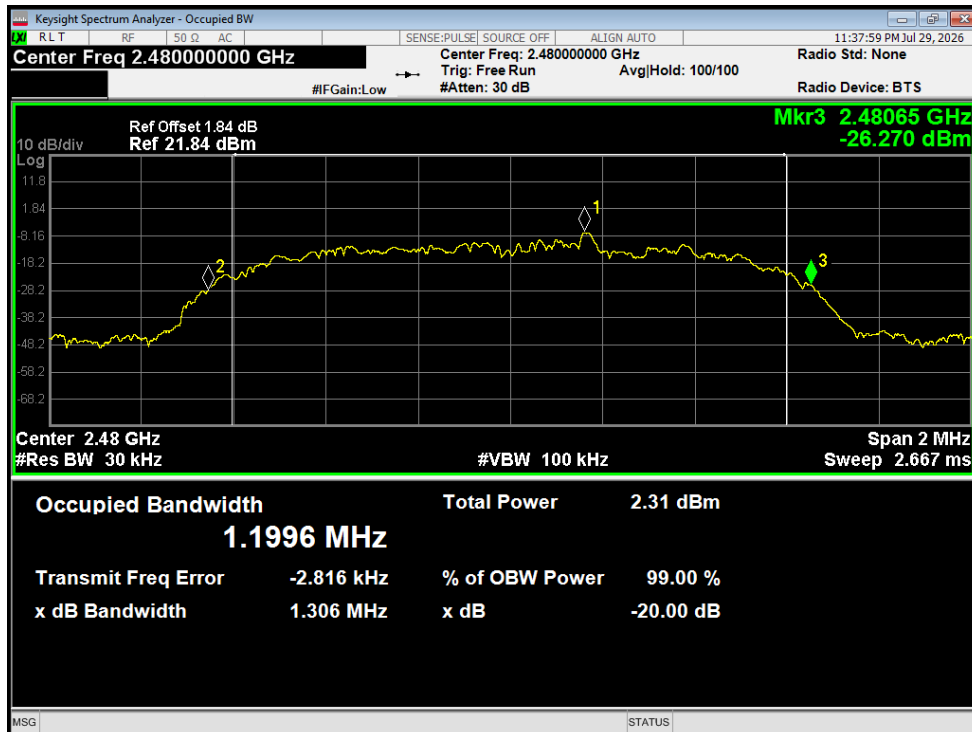
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



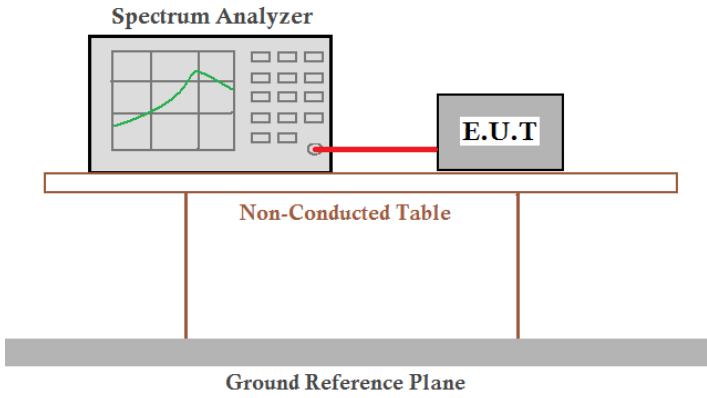
-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



4.5 Carrier Frequencies Separation

Test Requirement:	47CRF Part 15.247 (a)(1)	
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §7.8.2	
Receiver setup:	RBW=300KHz, VBW=1000KHz, detector=Peak	
Limit:	>0.025MHz or 2/3 of the 20dB bandwidth (whichever is greater)	
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.4°C	Humid.: 44%RH
Test voltage:	DC 3.85V from battery	
Test results:	Pass	

Measurement Data

L

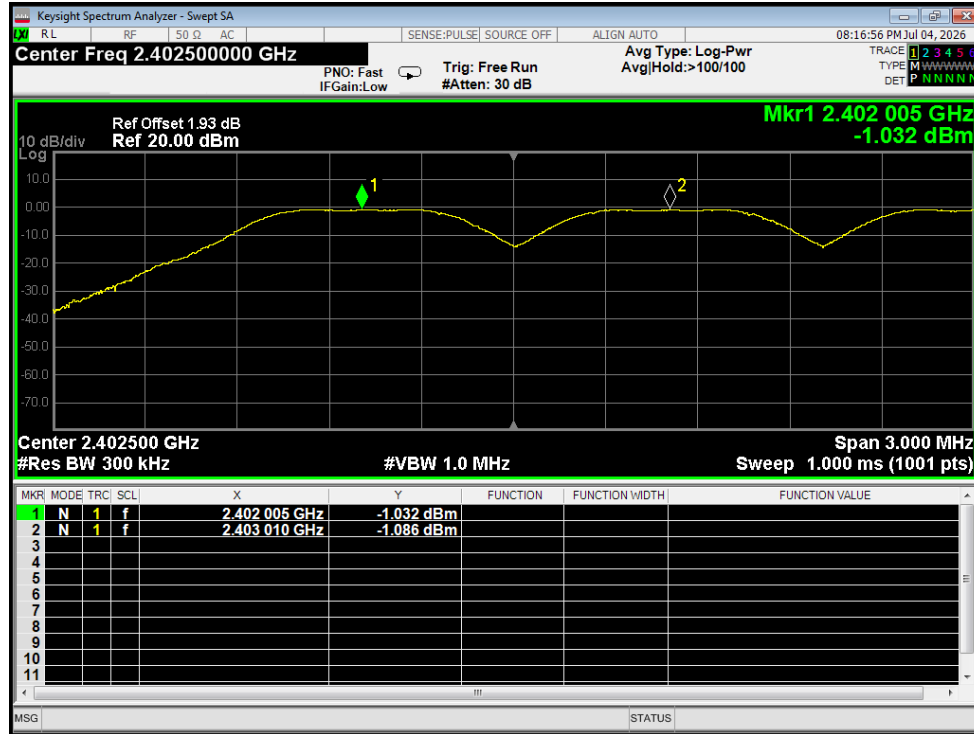
Mode	Test channel	Carrier Frequencies Separation (MHz)	Limit (MHz)	Result
GFSK	Lowest	1.0050	0.6280	Pass
	Middle	1.0005	0.6293	Pass
	Highest	1.0005	0.6287	Pass
$\pi/4$ -DQPSK	Lowest	1.3350	0.8420	Pass
	Middle	1.0200	0.8380	Pass
	Highest	1.0140	0.8460	Pass
8DPSK	Lowest	1.1580	0.8527	Pass
	Middle	1.0050	0.8233	Pass
	Highest	1.0230	0.8287	Pass

Note:

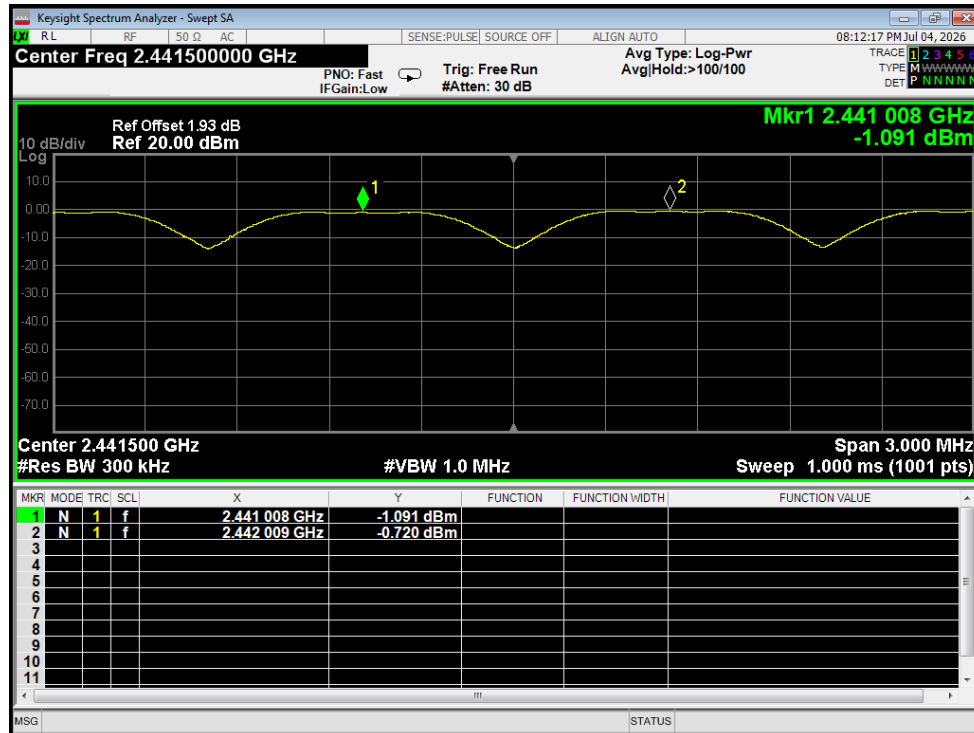
- Limit According to section 4.4.
- Test performed at worst case in DH5, 2DH5,3DH5 mode separately.

Test plot as follows:

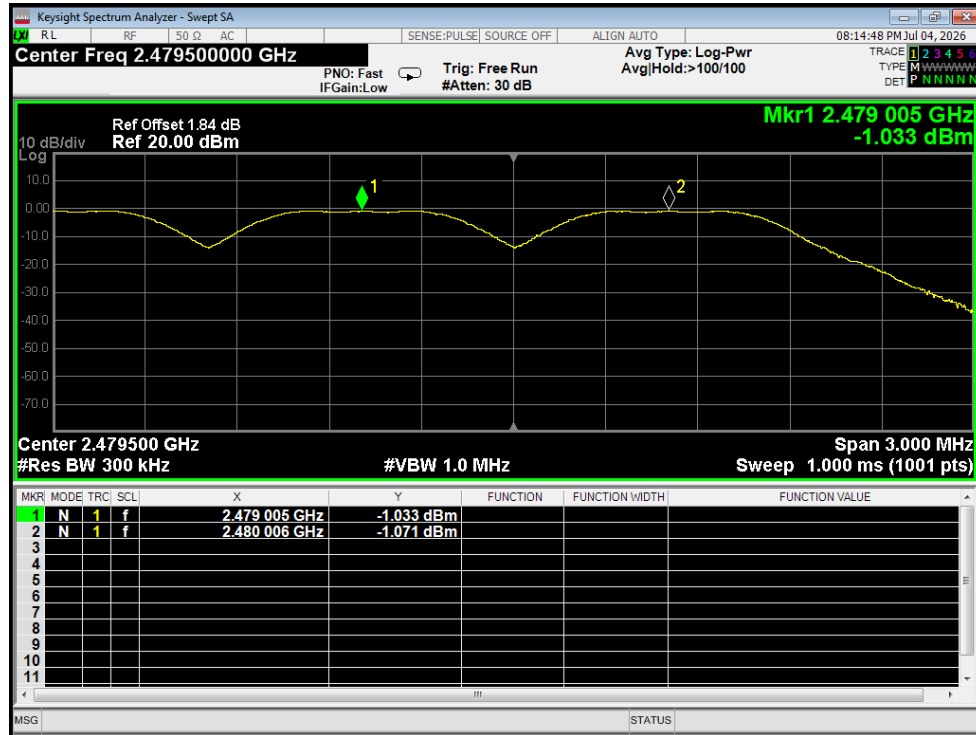
CFS NVNT 1-DH5 2402MHz Ant1



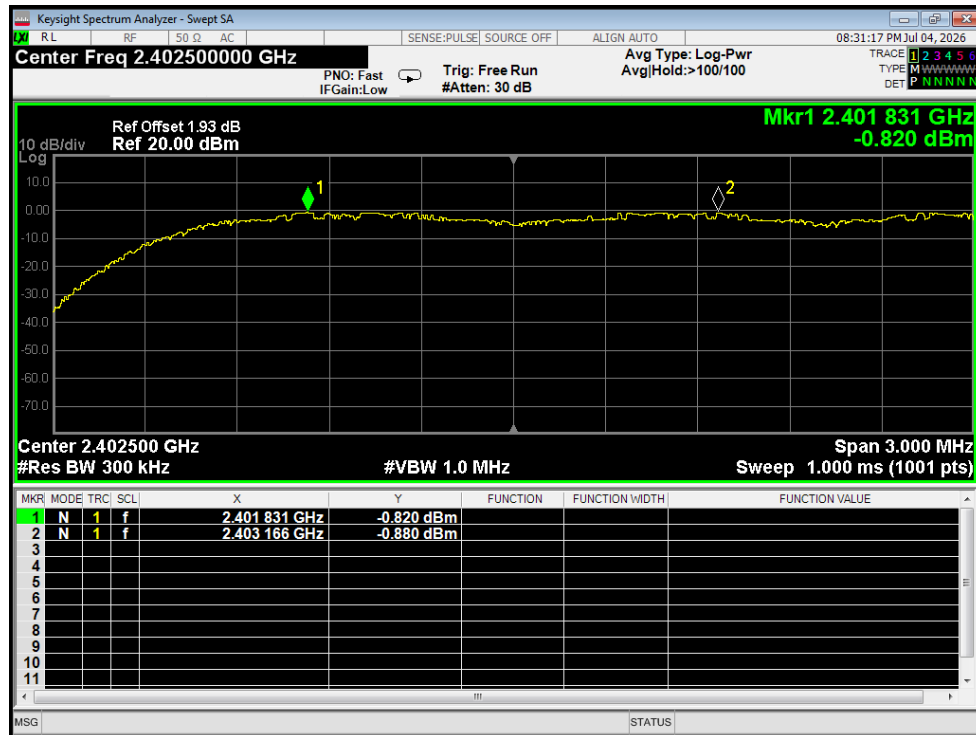
CFS NVNT 1-DH5 2441MHz Ant1



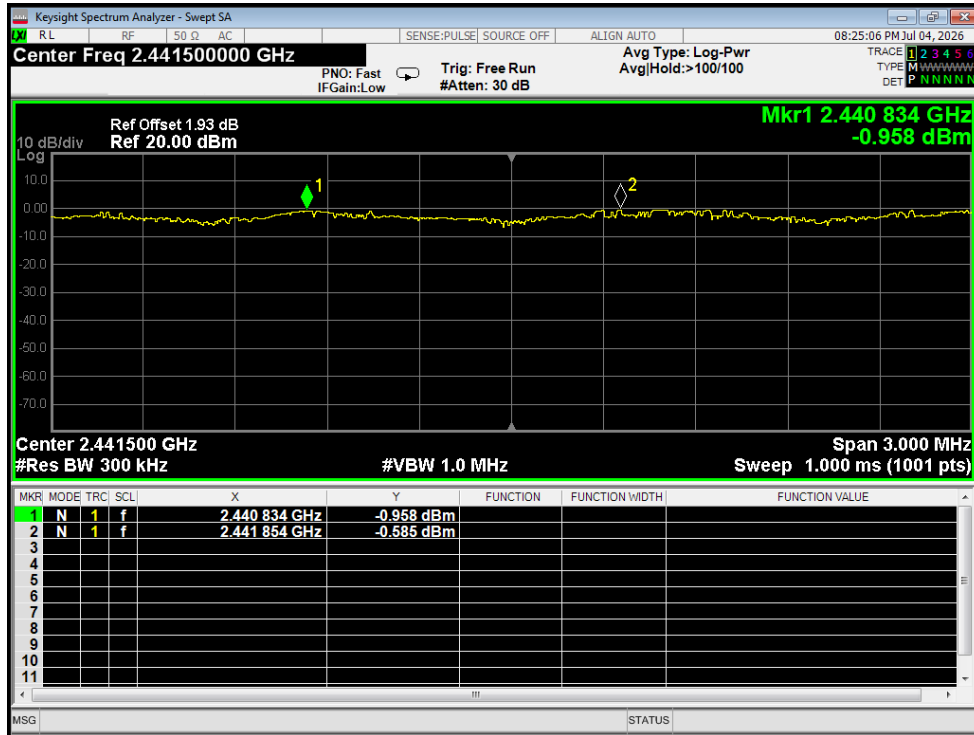
CFS NVNT 1-DH5 2480MHz Ant1



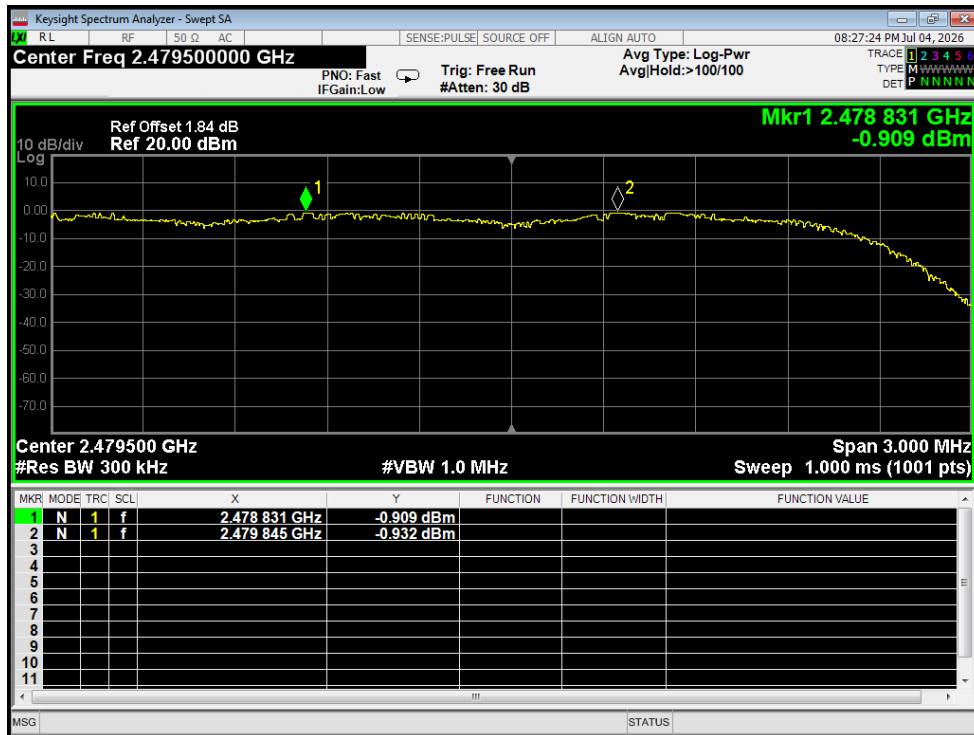
CFS NVNT 2-DH5 2402MHz Ant1



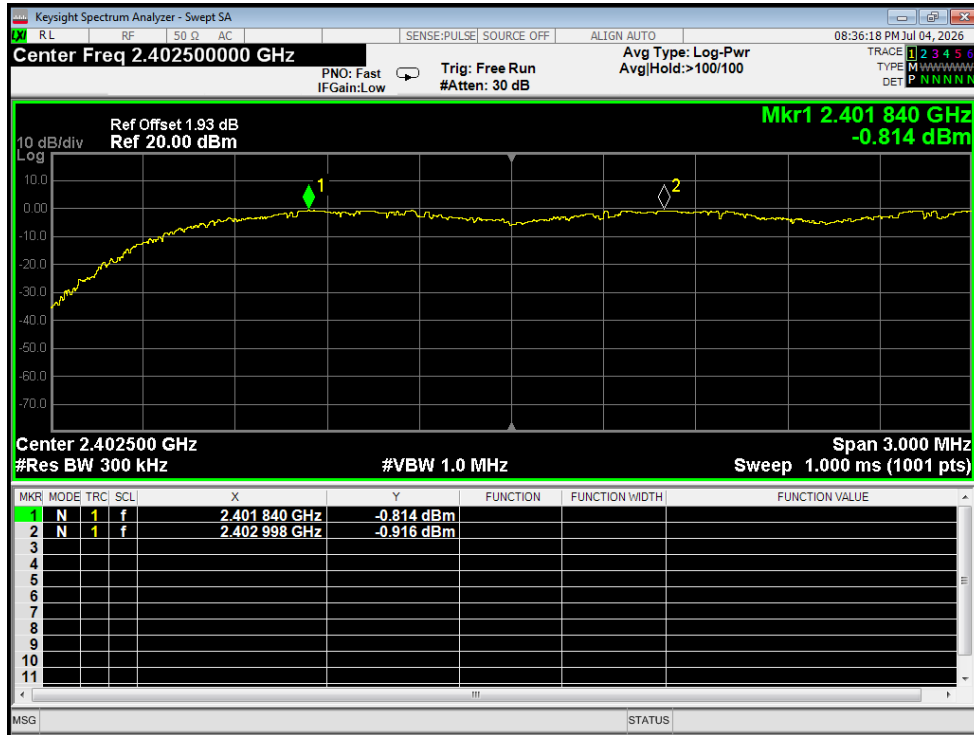
CFS NVNT 2-DH5 2441MHz Ant1



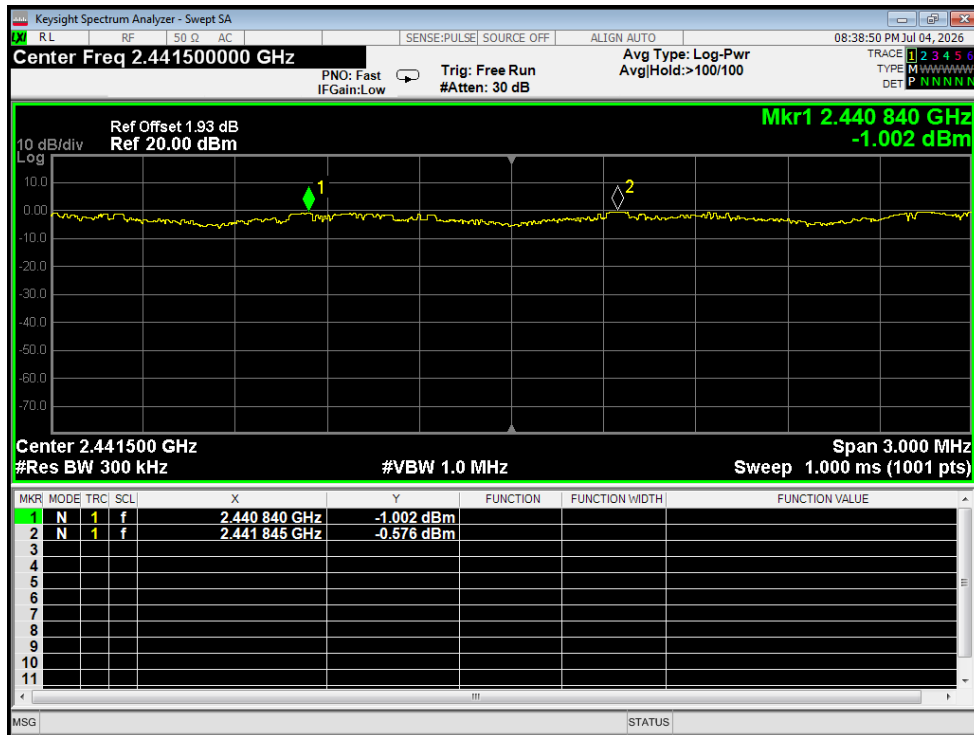
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1

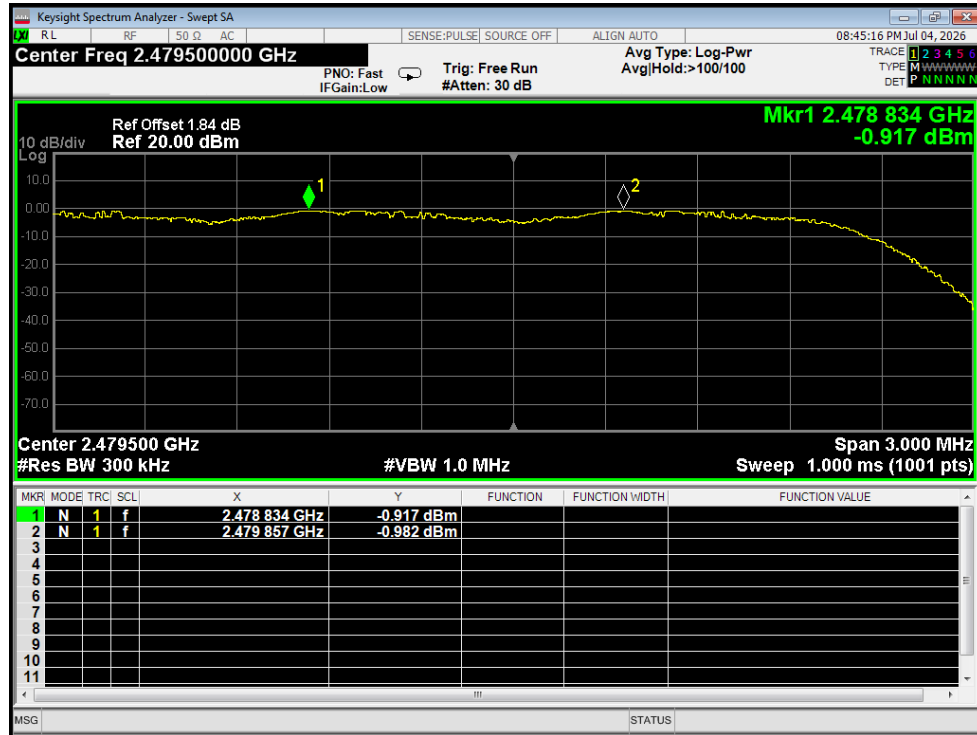


CFS NVNT 3-DH5 2441MHz Ant1





CFS NVNT 3-DH5 2480MHz Ant1



R

Mode	Test channel	Carrier Frequencies Separation (MHz)	Limit (MHz)	Result
GFSK	Lowest	1.0005	0.6933	Pass
	Middle	1.002	0.6687	Pass
	Highest	1.0005	0.6547	Pass
$\pi/4$ -DQPSK	Lowest	1.314	0.9107	Pass
	Middle	1.026	0.8760	Pass
	Highest	1.266	0.8507	Pass
8DPSK	Lowest	1.164	0.8653	Pass
	Middle	1.251	0.8393	Pass
	Highest	1.128	0.8707	Pass

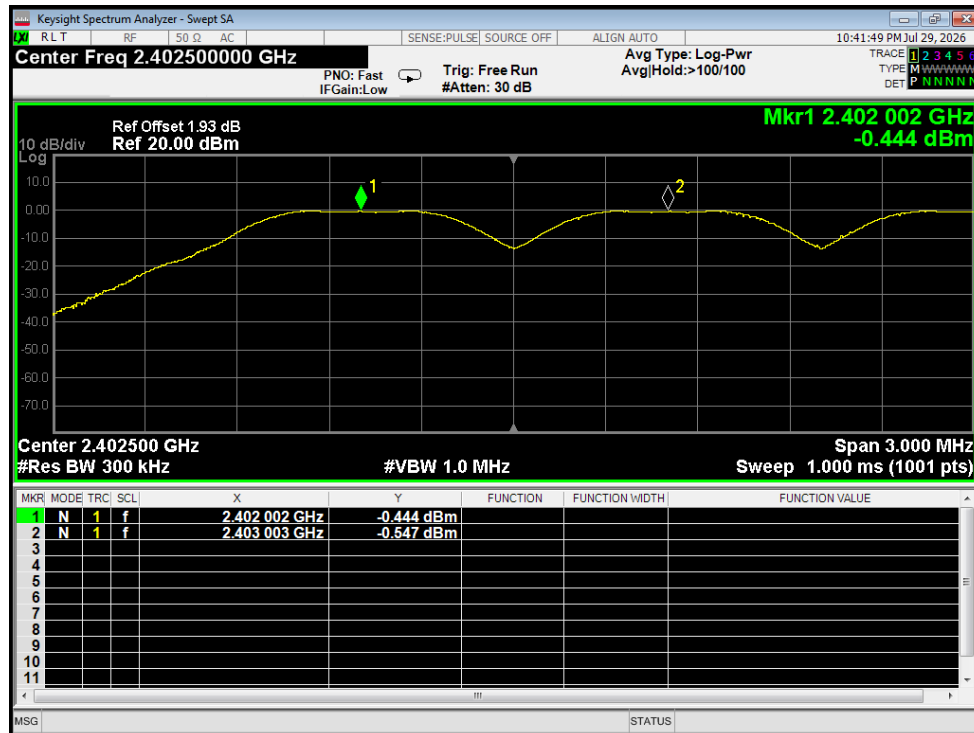
Note:

1. Limit According to section 4.4.

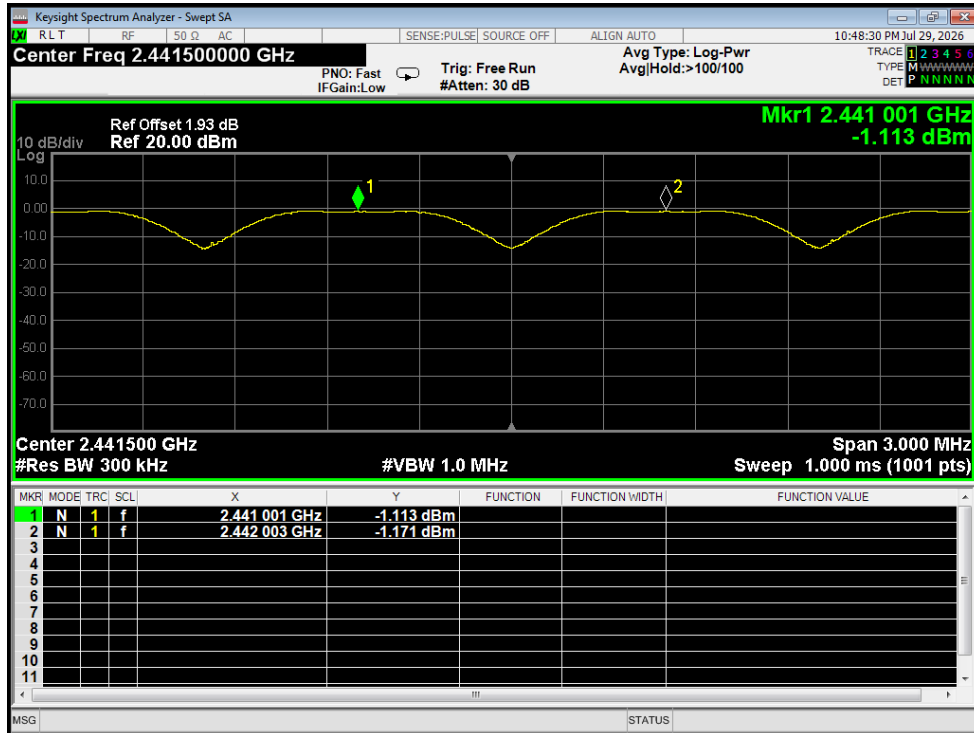
2. Test performed at worst case in DH5, 2DH5, 3DH5 mode separately

Test plot as follows:

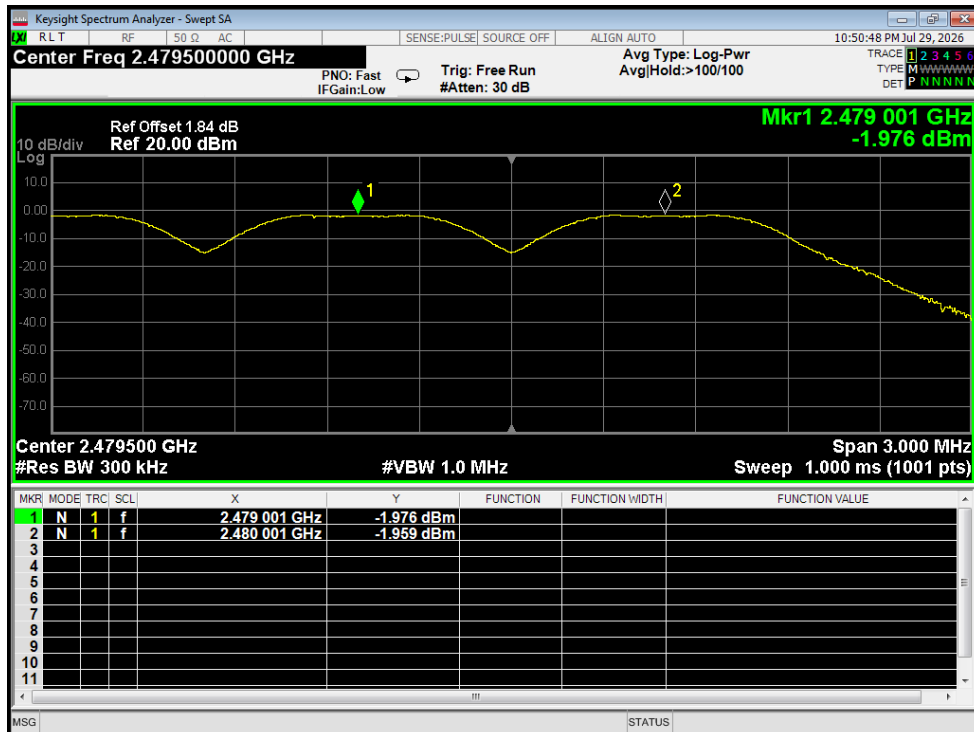
CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 1-DH5 2441MHz Ant1

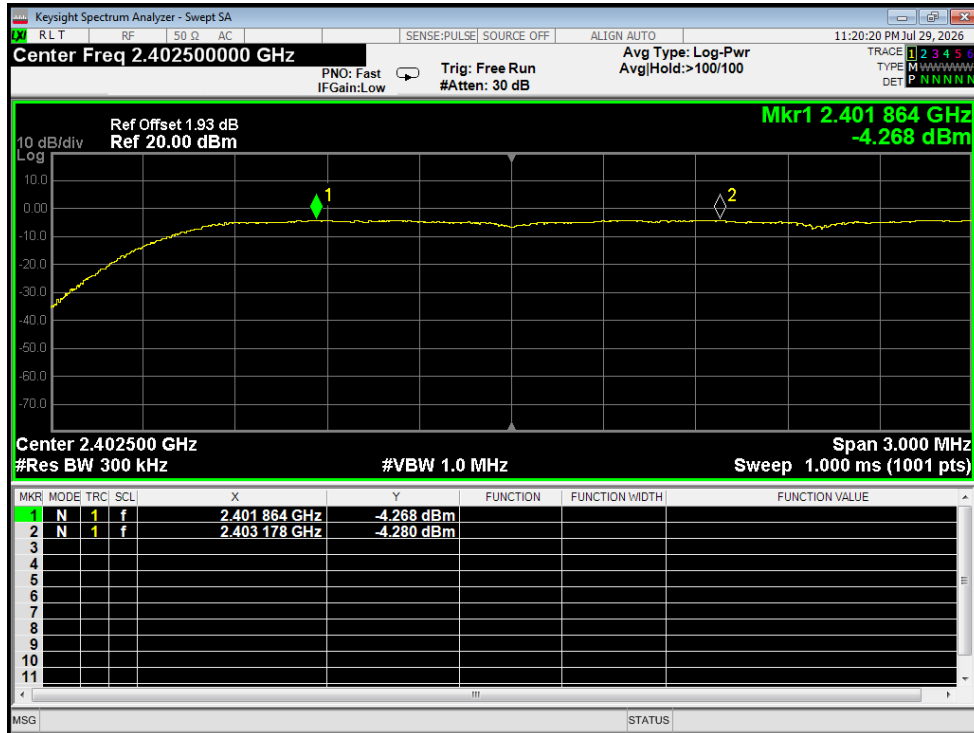


CFS NVNT 1-DH5 2480MHz Ant1

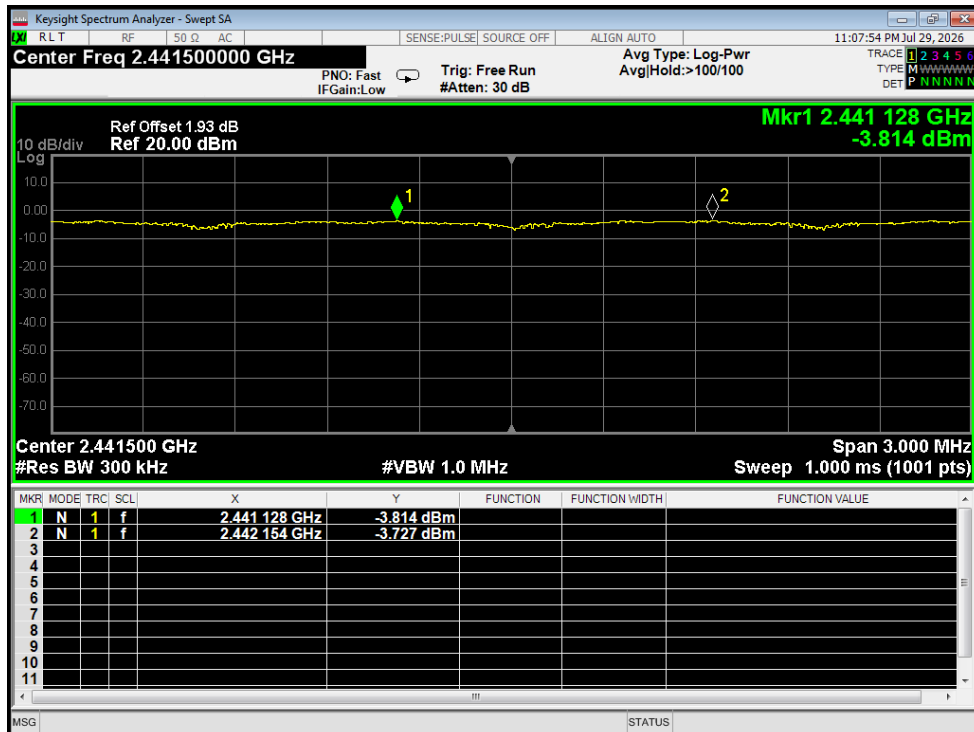




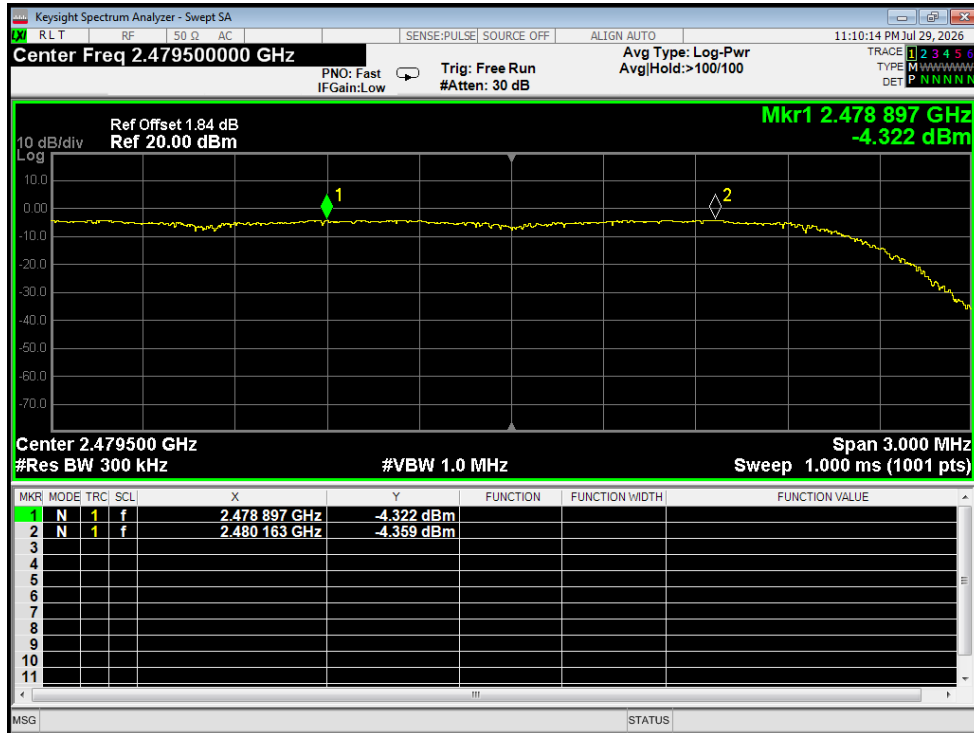
CFS NVNT 2-DH5 2402MHz Ant1



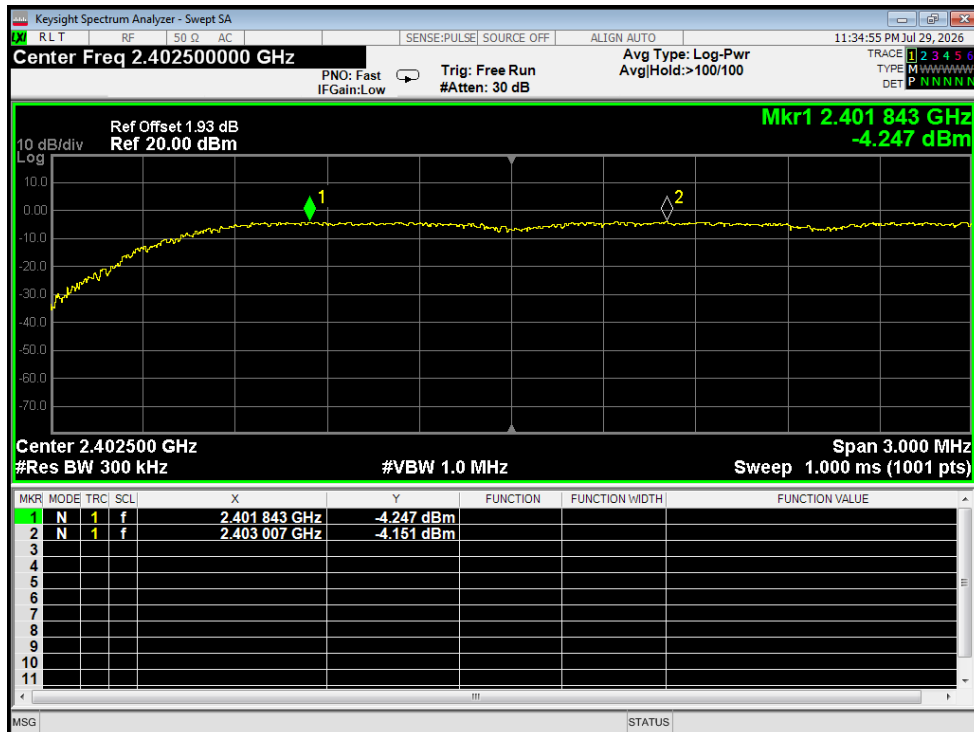
CFS NVNT 2-DH5 2441MHz Ant1



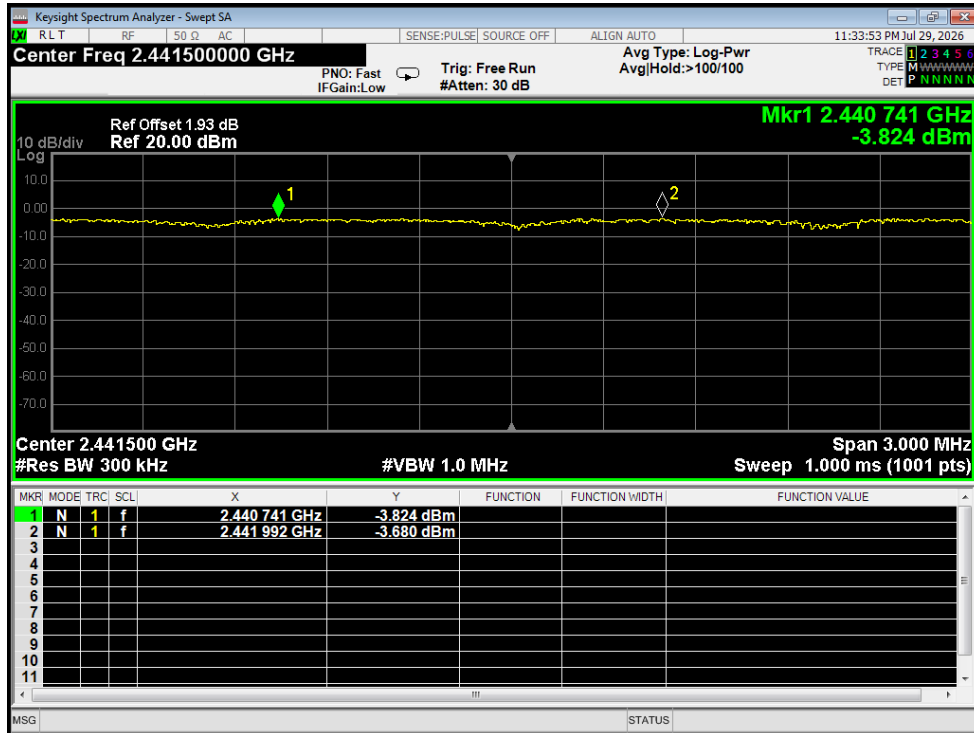
CFS NVNT 2-DH5 2480MHz Ant1



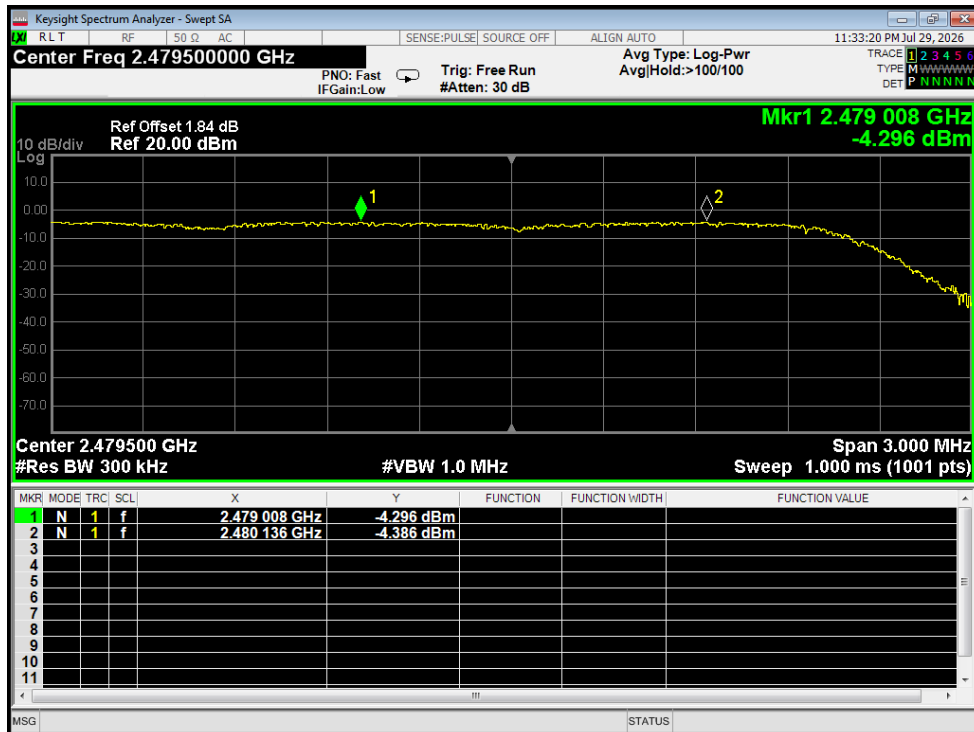
CFS NVNT 3-DH5 2402MHz Ant1



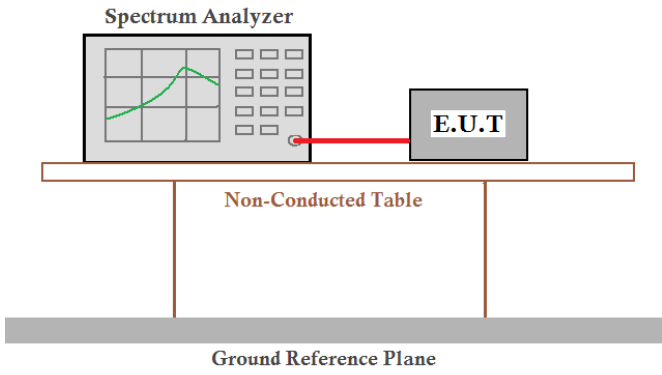
CFS NVNT 3-DH5 2441MHz Ant1



CFS NVNT 3-DH5 2480MHz Ant1



4.6 Hopping Channel Number

Test Requirement:	47CRF Part 15.247 (a)(1)(iii)	
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §7.8.3	
Receiver setup:	RBW=100kHz, VBW=300kHz, Frequency range=2400MHz-2483.5MHz, Detector=Peak	
Limit:	15 channels	
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.4°C	Humid.: 44%RH
Test voltage:	DC 3.85V from battery	
Test results:	Pass	

Measurement Data:

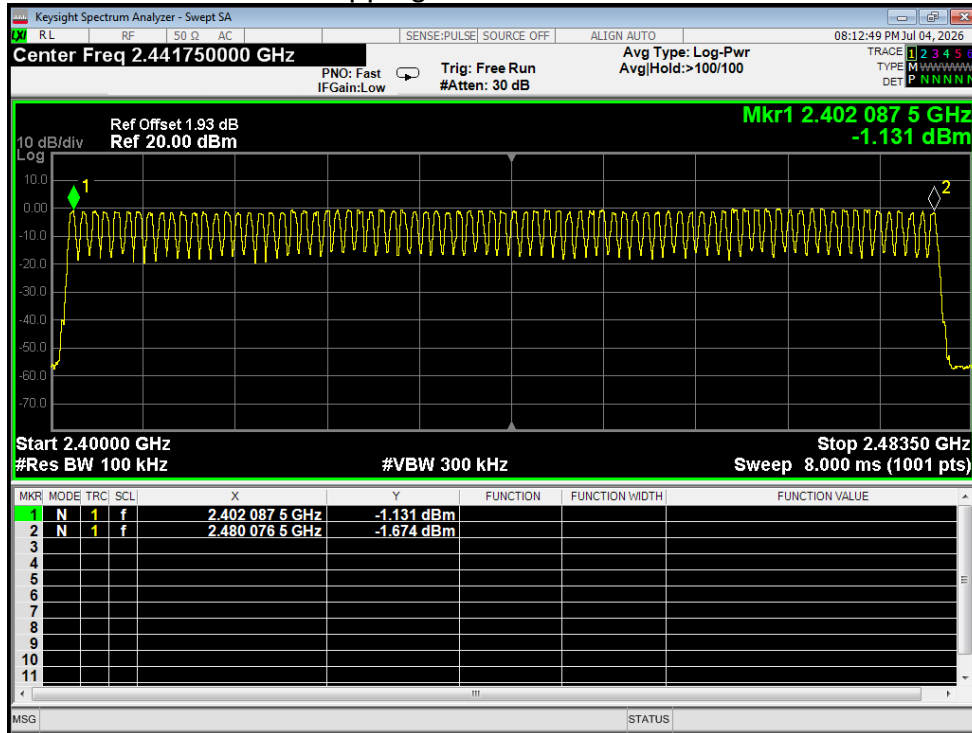
L

Mode	Hopping channel numbers	Limit	Result
GFSK	79	15	Pass
$\pi/4$ -DQPSK	79	15	Pass
8DPSK	79	15	Pass

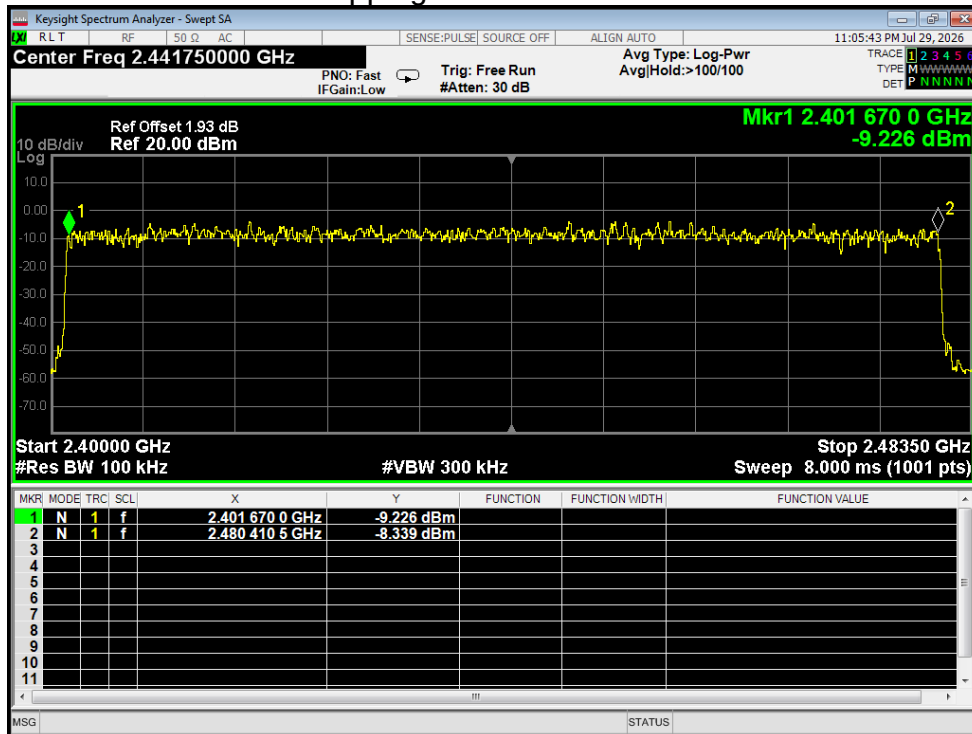


Test plot as follows:

Hopping No. NVNT 1-DH5

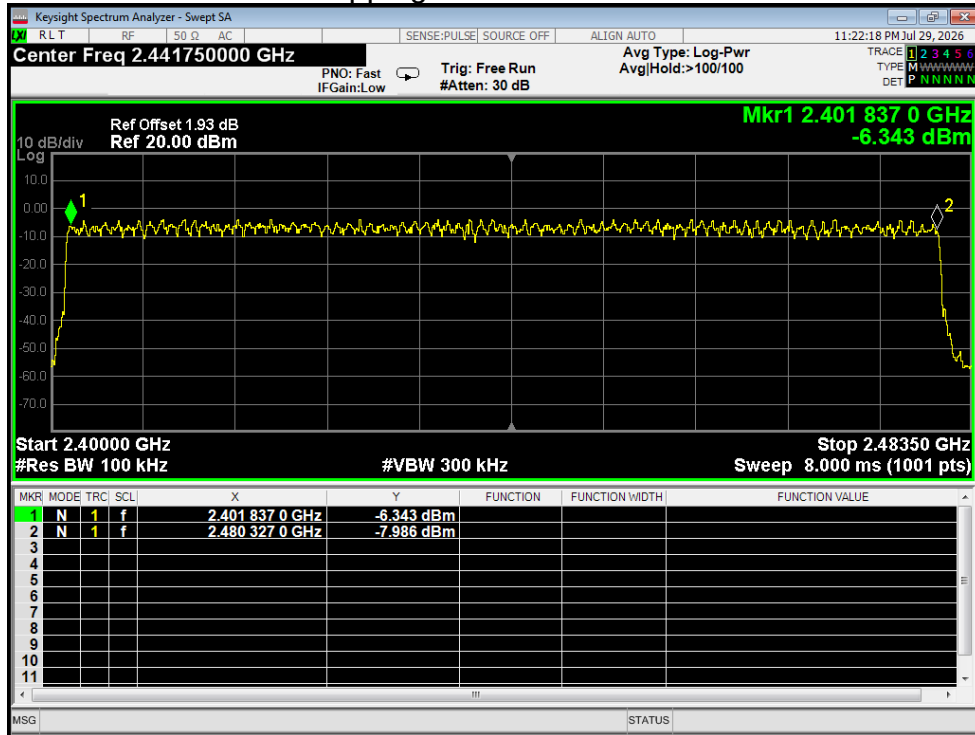


Hopping No. NVNT 2-DH5





Hopping No. NVNT 3-DH5

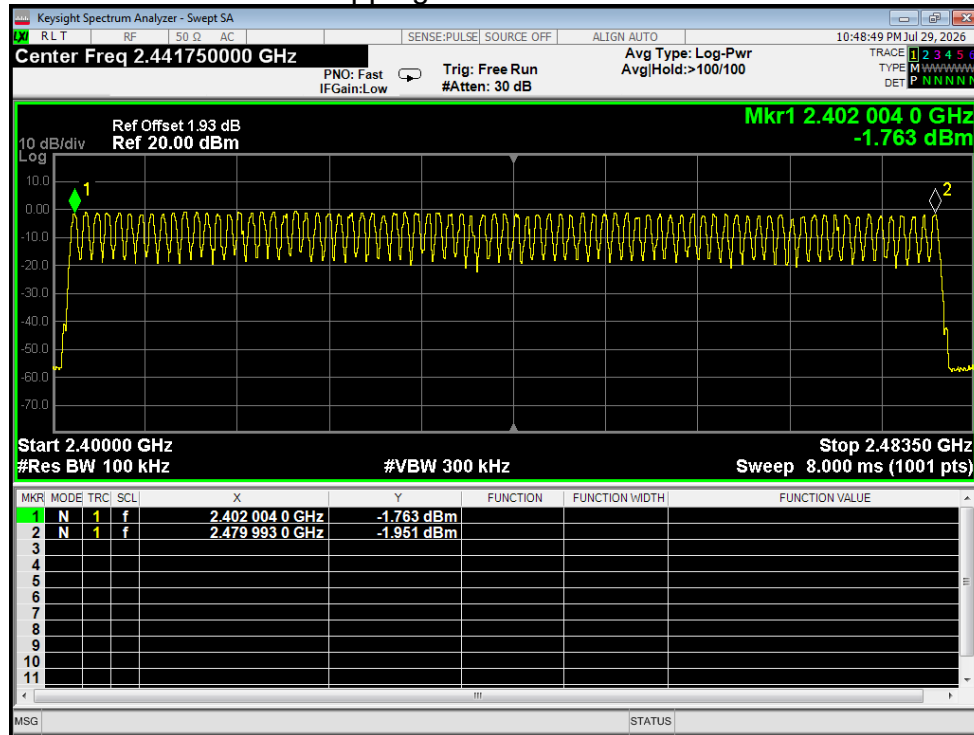


R

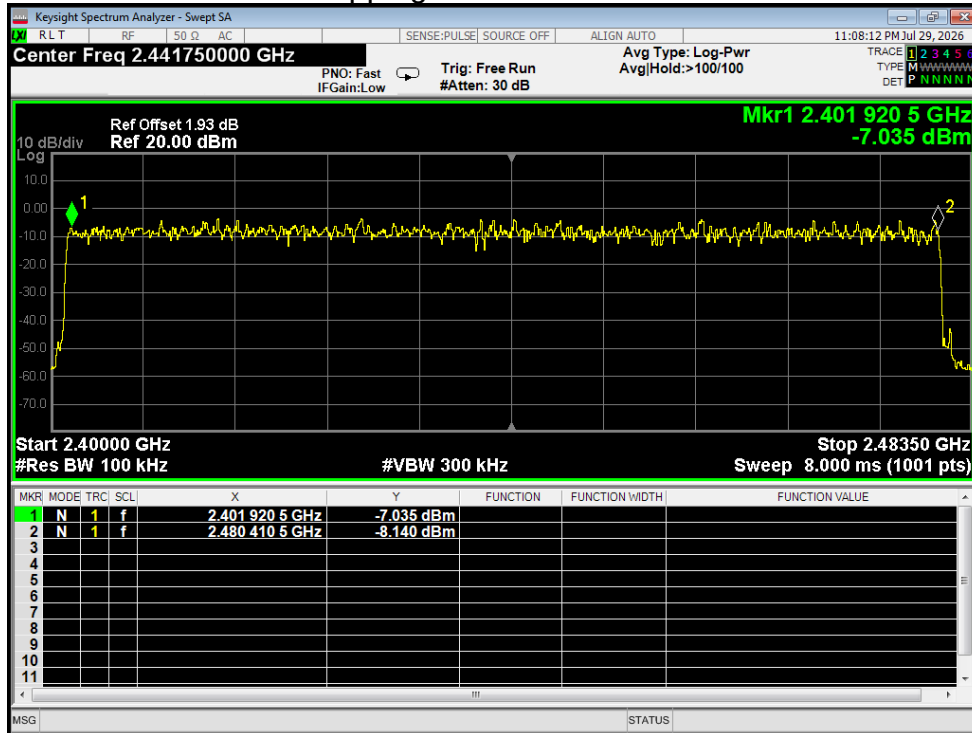
Mode	Hopping channel numbers	Limit	Result
GFSK	79	15	Pass
$\pi/4$ -DQPSK	79	15	Pass
8DPSK	79	15	Pass

Test plot as follows:

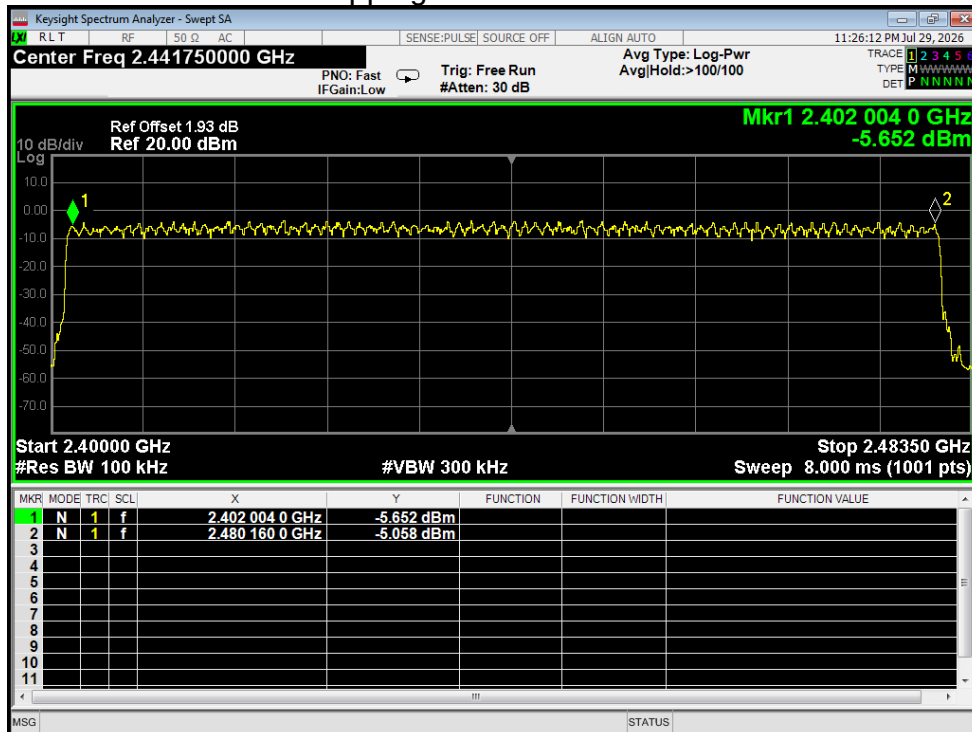
Hopping No. NVNT 1-DH5



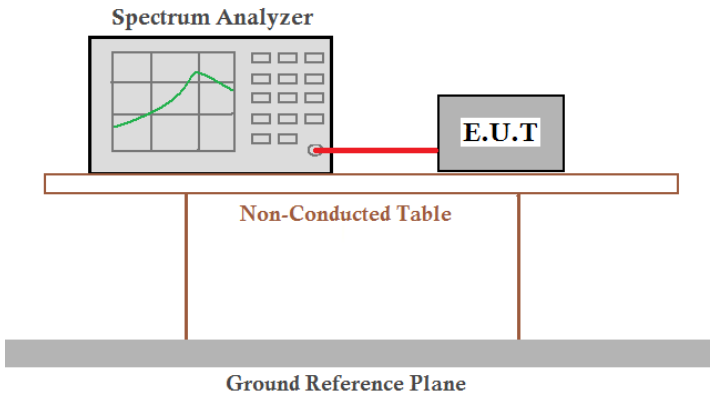
Hopping No. NVNT 2-DH5



Hopping No. NVNT 3-DH5



4.7 Dwell Time

Test Requirement:	47CRF Part 15.247 (a)(1)(iii)	
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §7.8.4	
Receiver setup:	RBW=1MHz, VBW=3MHz, Span=0Hz, Detector=Peak	
Limit:	0.4 Second	
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both devices are placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.	
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.4°C	Humid.: 44%RH
Test voltage:	DC 3.85V from battery	
Test results:	Pass	



Measurement Result

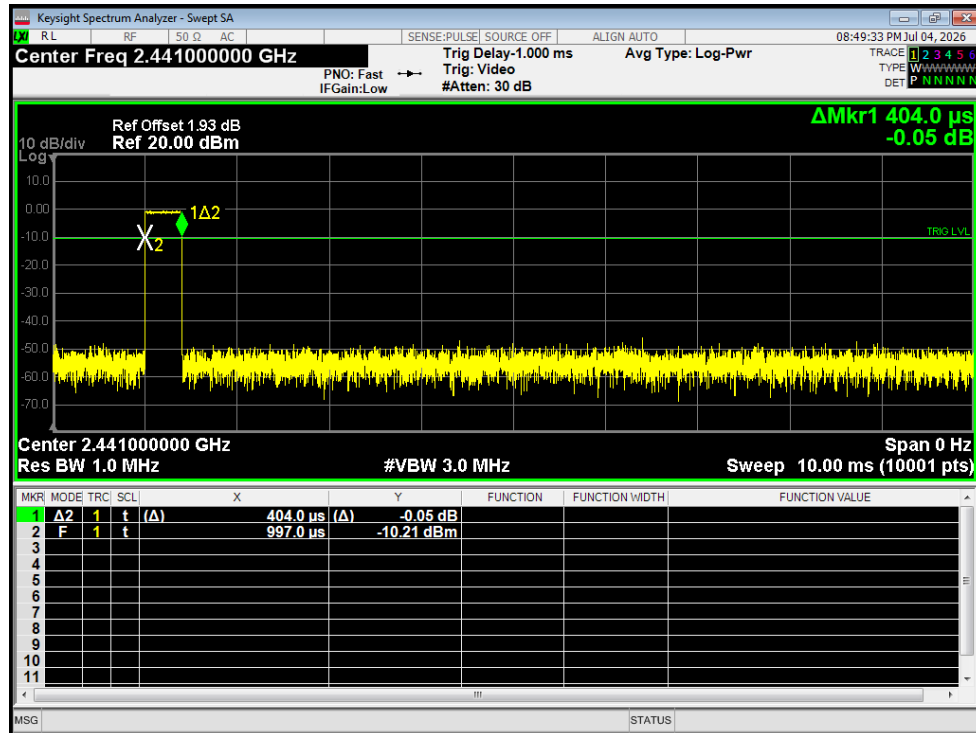
L

Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Result
1-DH1	2441	0.404	128.876	319	31600	400	Pass
1-DH3	2441	1.659	262.122	158	31600	400	Pass
1-DH5	2441	2.907	284.886	98	31600	400	Pass
2-DH1	2441	0.39	124.41	319	31600	400	Pass
2-DH3	2441	1.665	251.415	151	31600	400	Pass
2-DH5	2441	2.91	296.82	102	31600	400	Pass
3-DH1	2441	0.411	131.109	319	31600	400	Pass
3-DH3	2441	1.664	259.584	156	31600	400	Pass
3-DH5	2441	2.912	326.144	112	31600	400	Pass

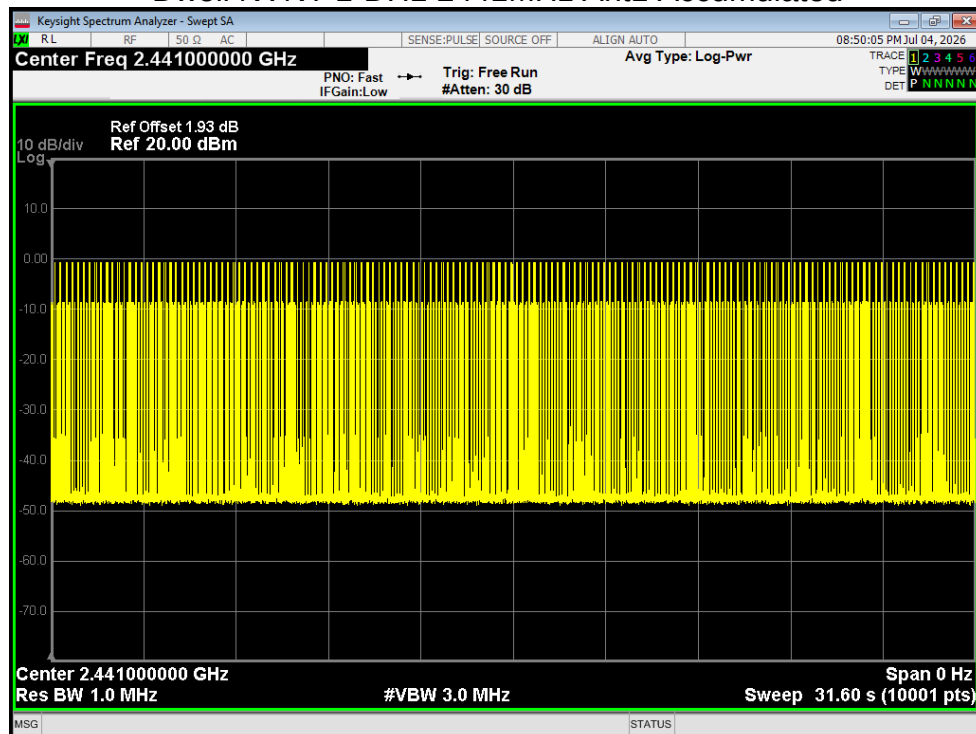


Test plot as follows:

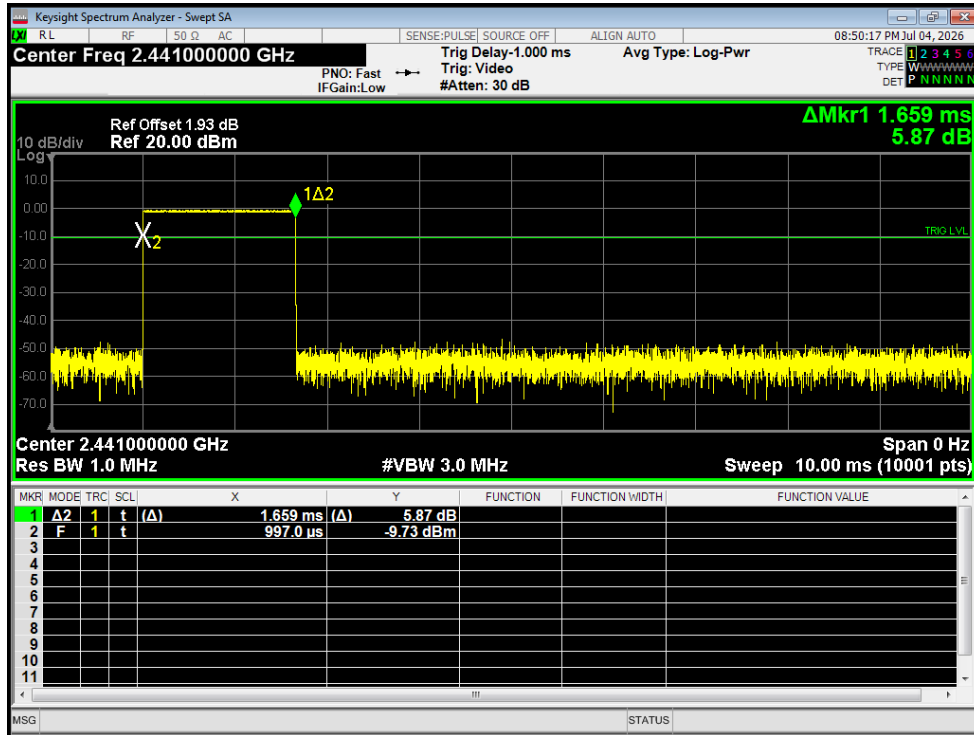
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



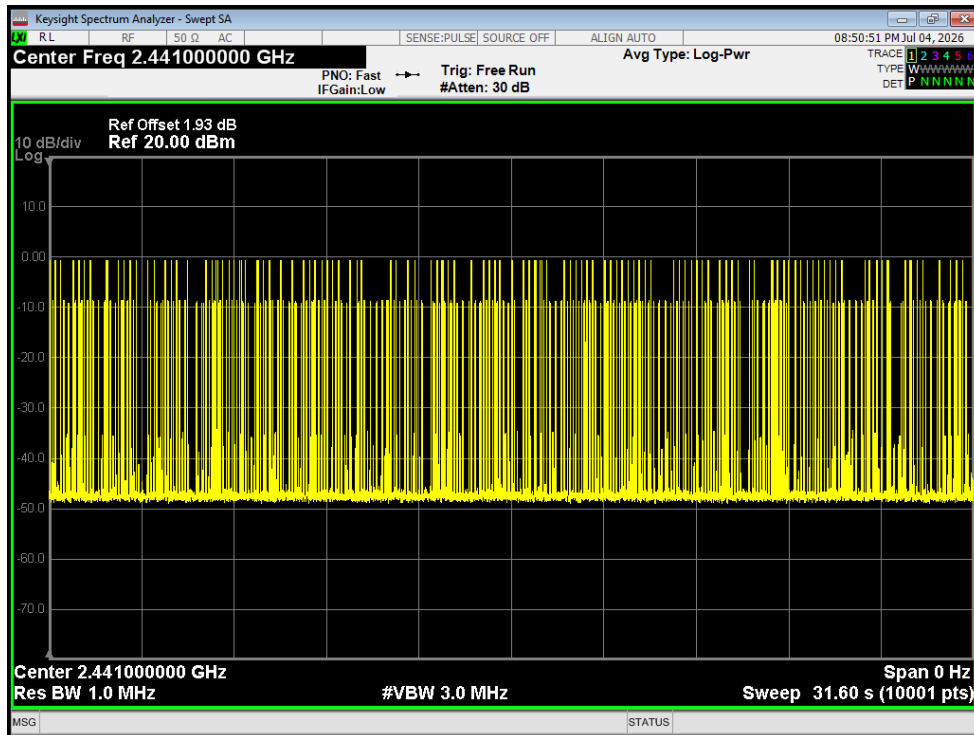
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



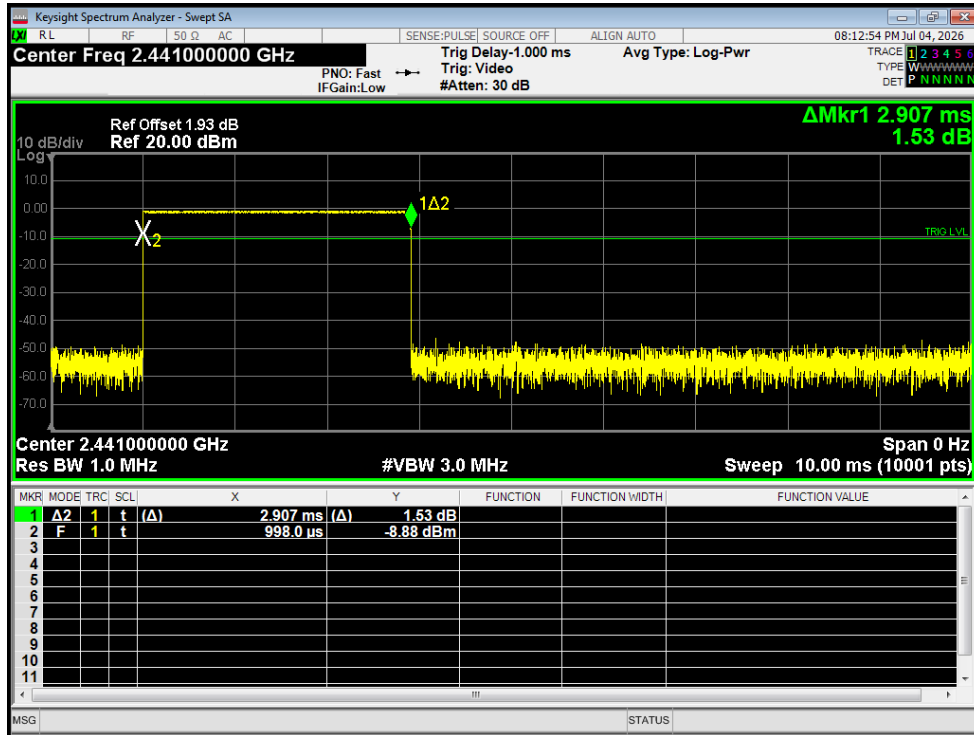
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



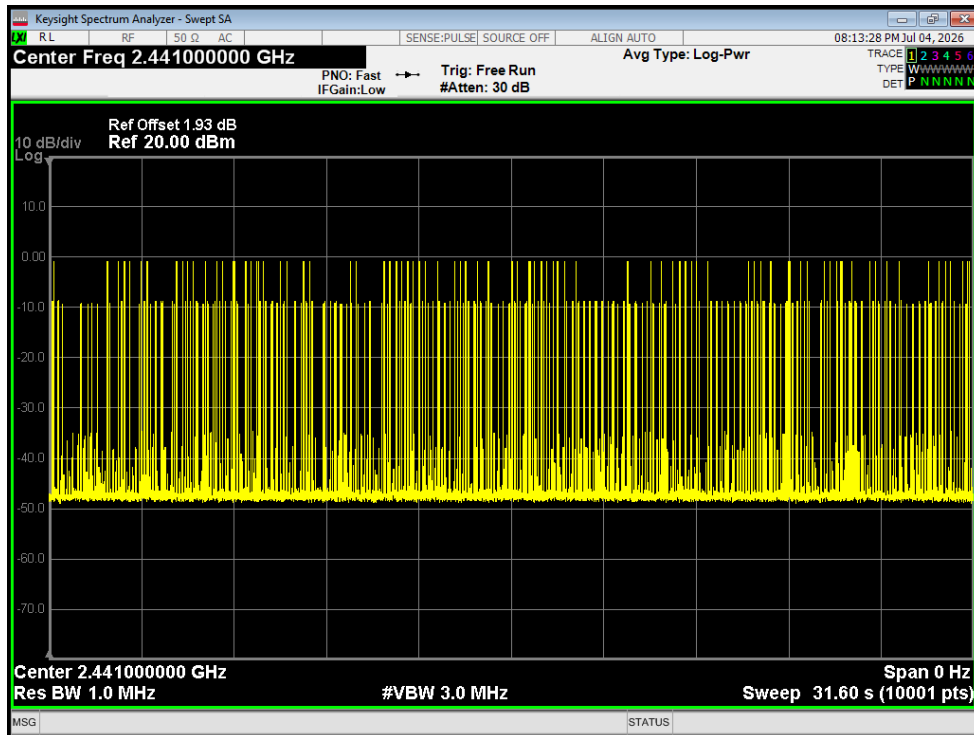
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



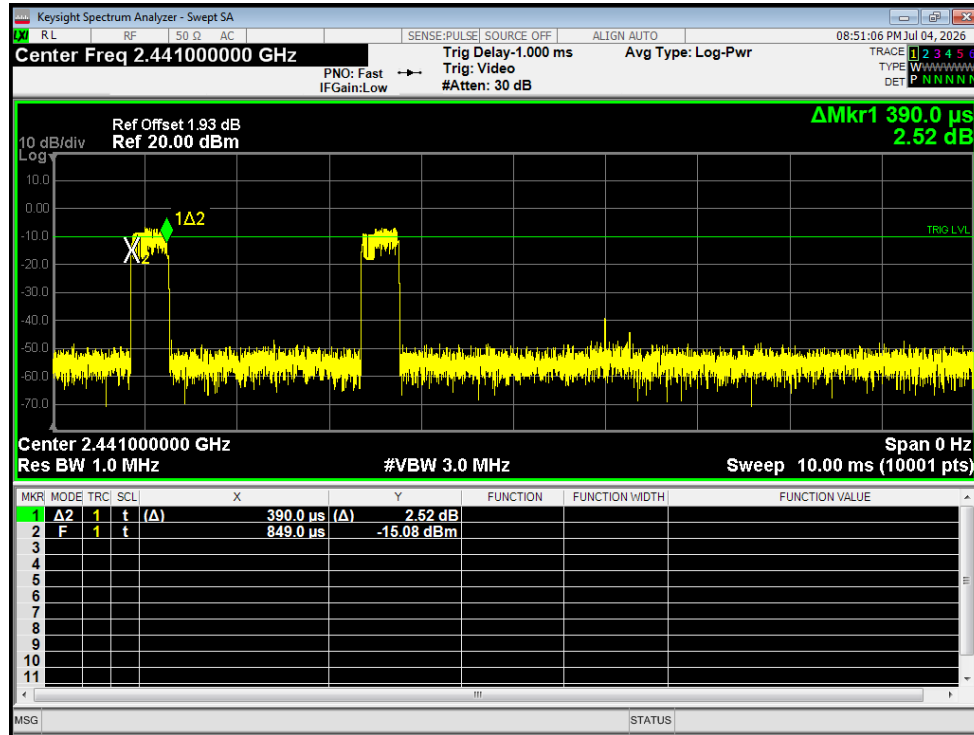
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



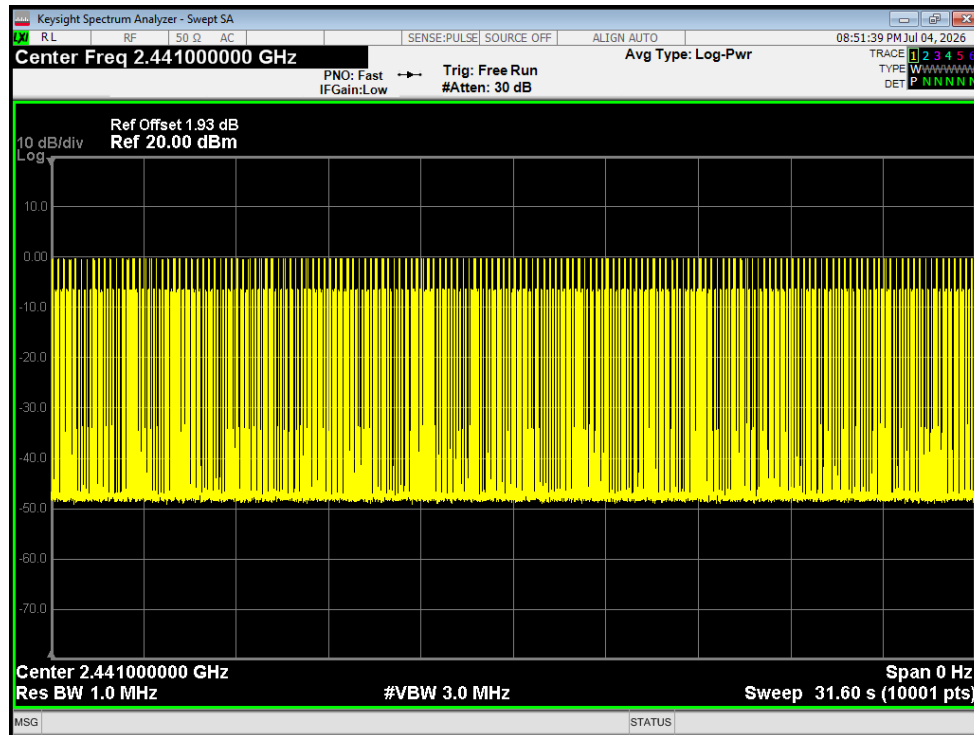
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



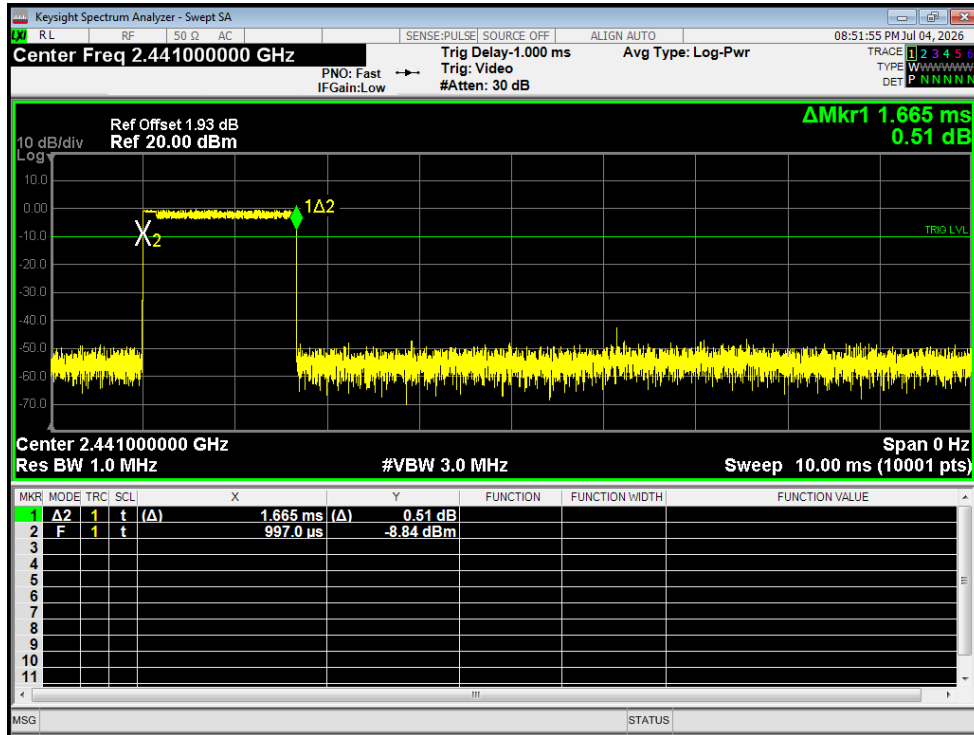
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



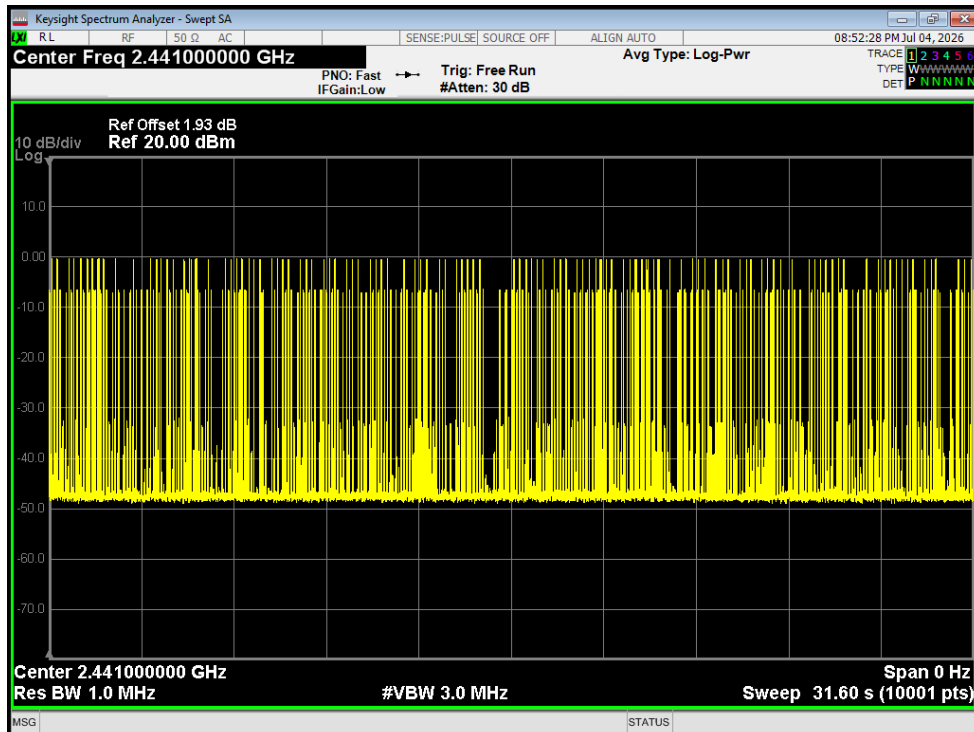
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



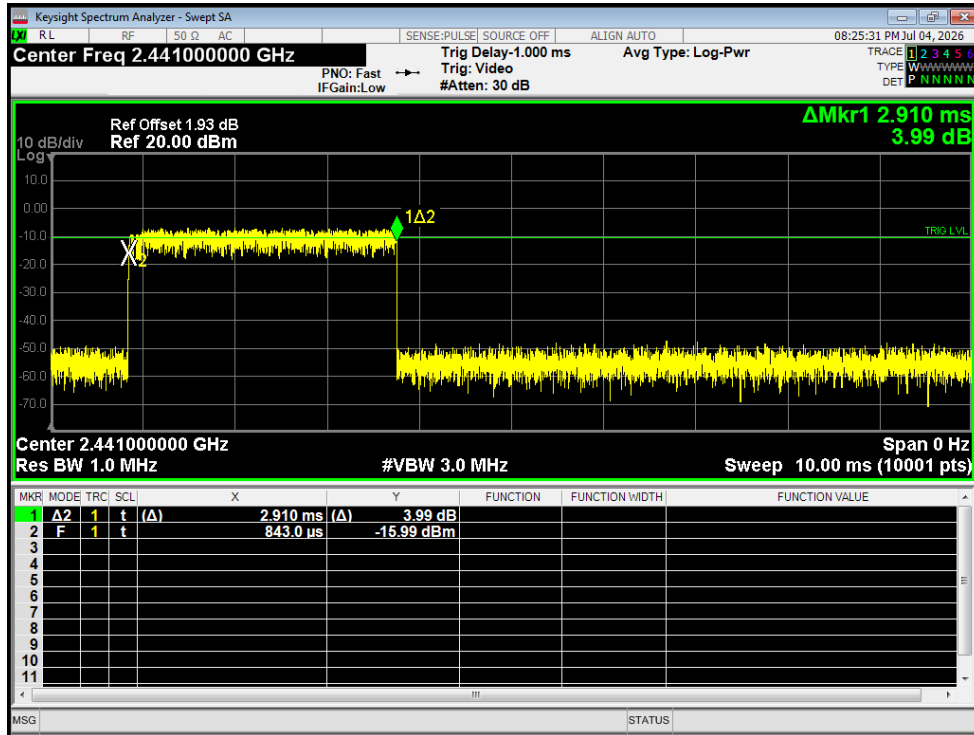
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



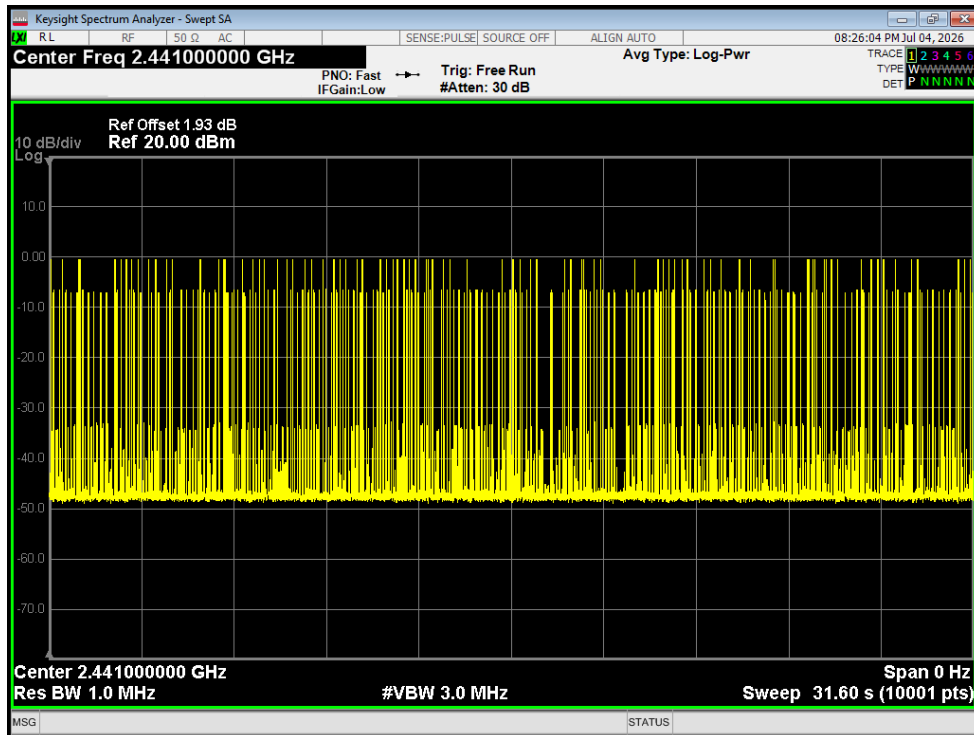
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



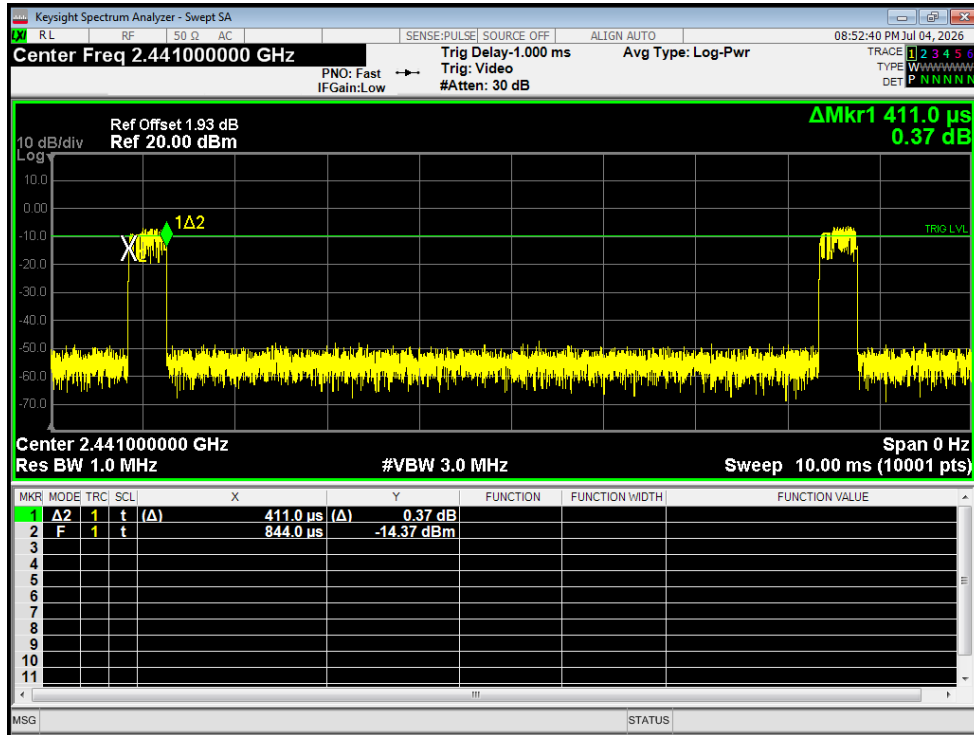
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



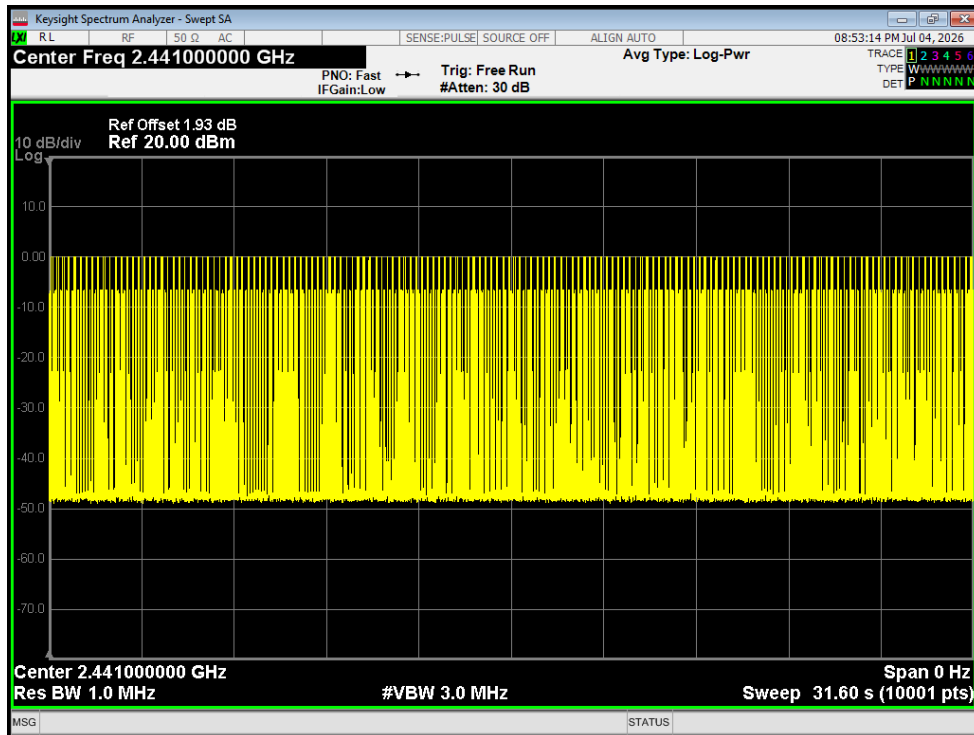
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



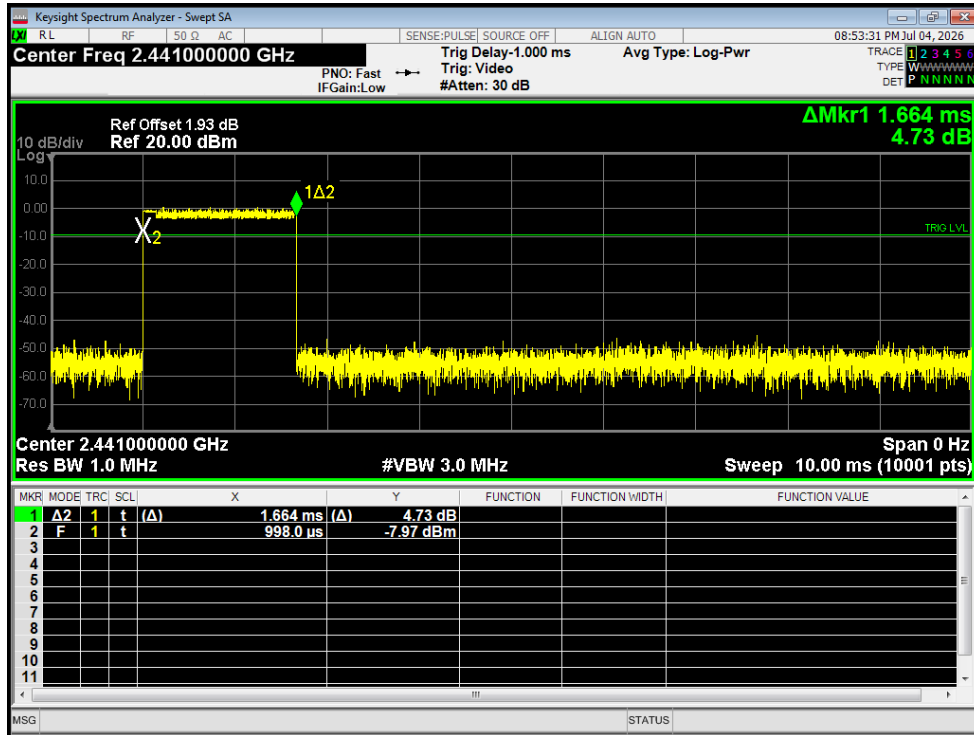
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



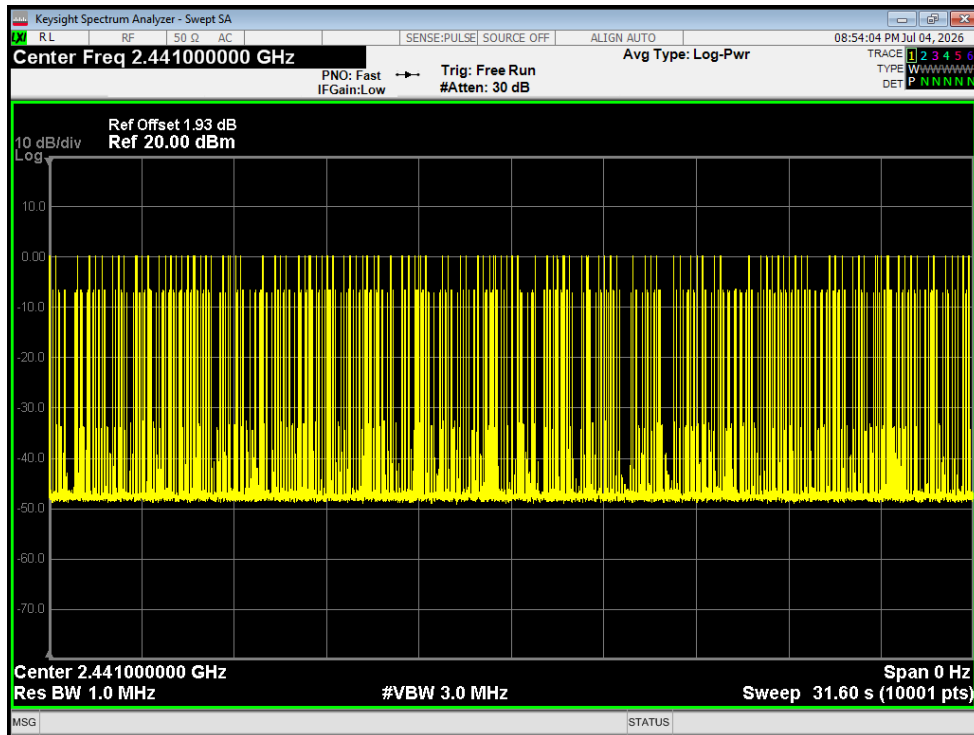
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



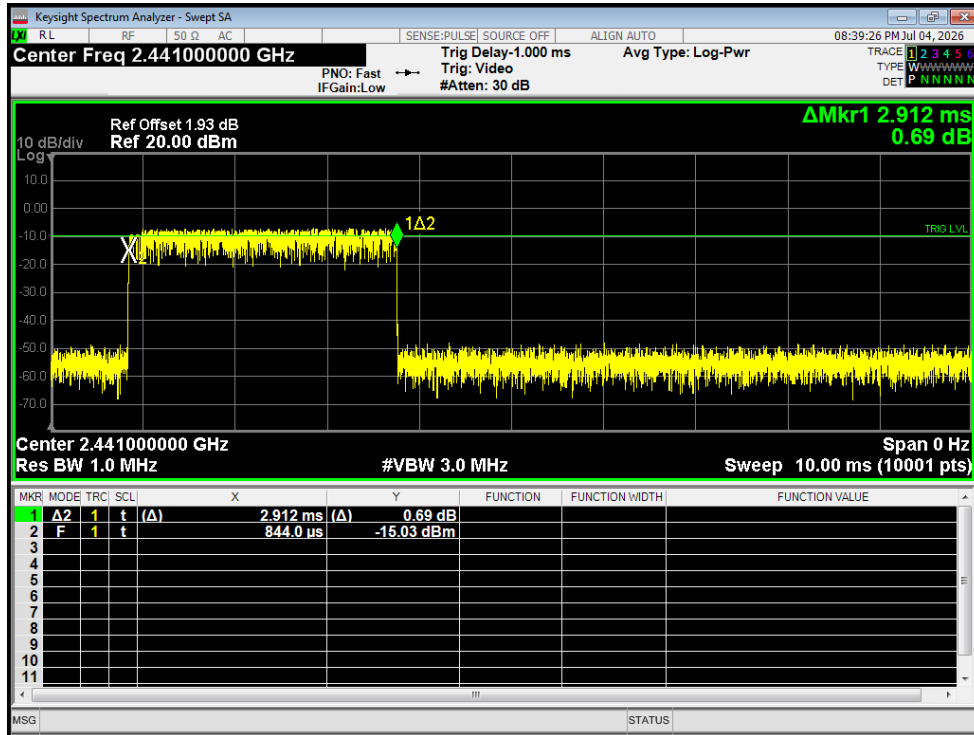
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



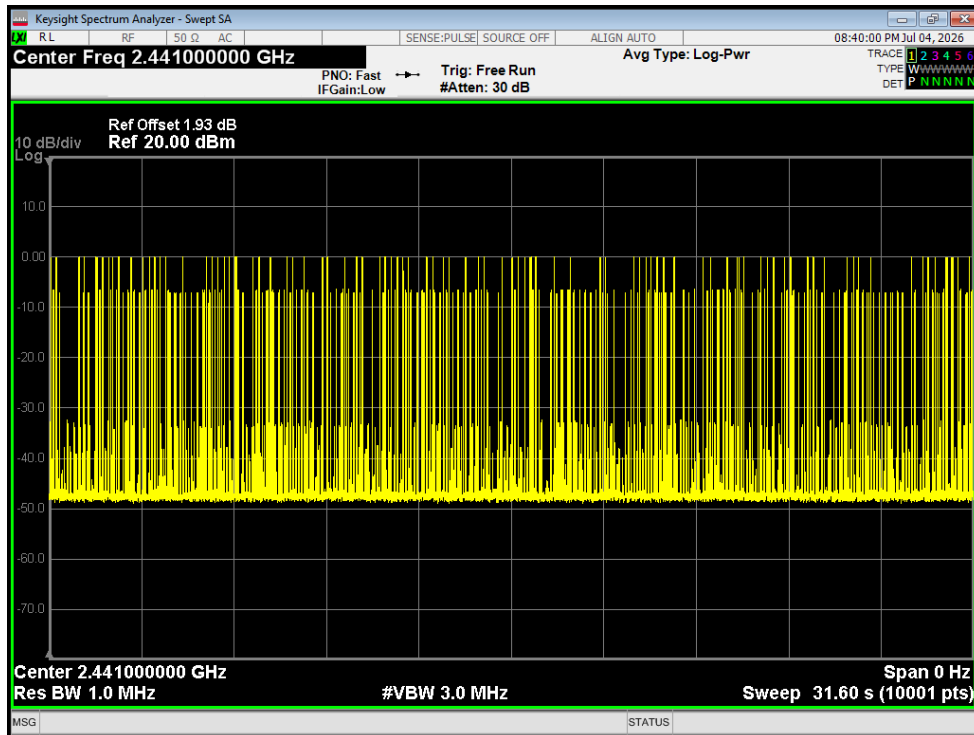
Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



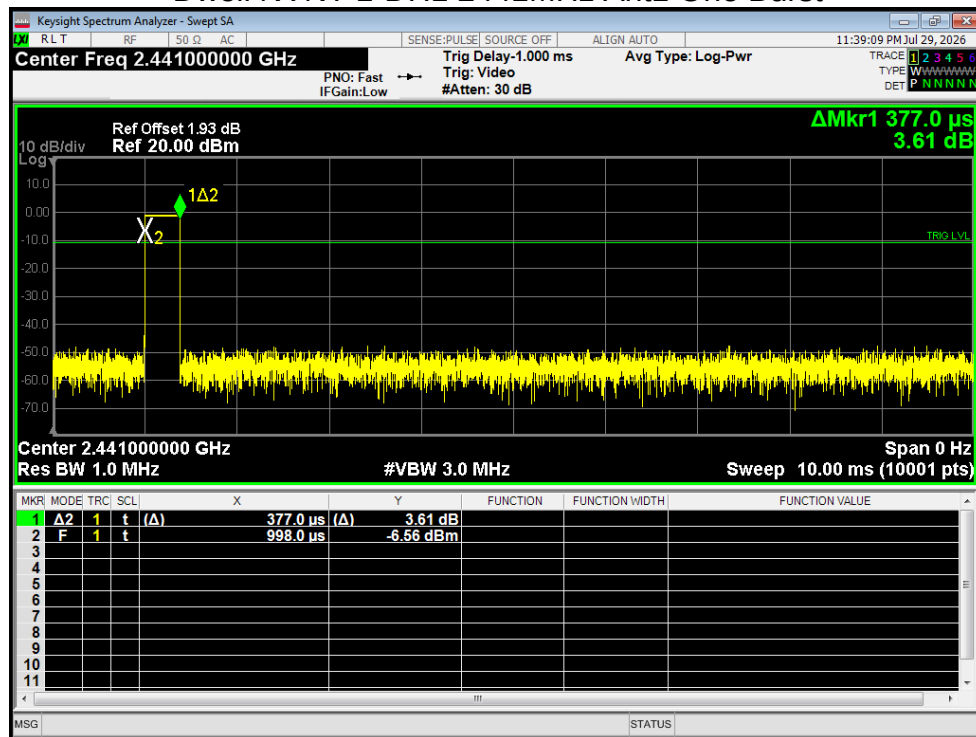


R

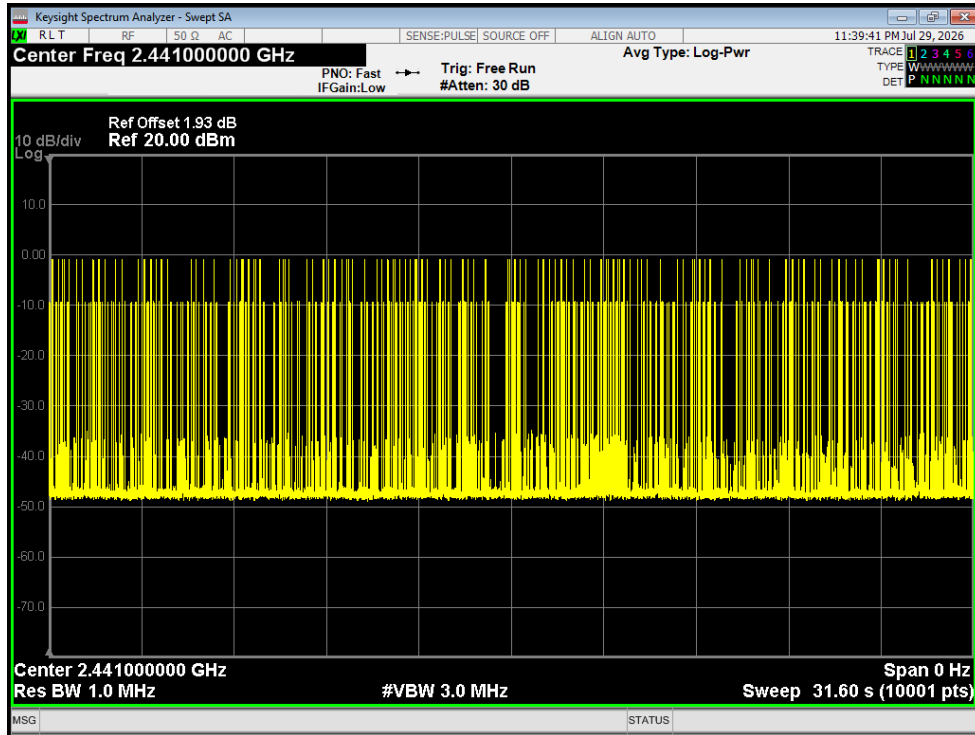
Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Result
1-DH1	2441	0.377	56.173	149	31600	400	Pass
1-DH3	2441	1.634	151.962	93	31600	400	Pass
1-DH5	2441	2.881	216.075	75	31600	400	Pass
2-DH1	2441	0.386	57.514	149	31600	400	Pass
2-DH3	2441	1.638	152.334	93	31600	400	Pass
2-DH5	2441	2.887	228.073	79	31600	400	Pass
3-DH1	2441	0.386	64.462	167	31600	400	Pass
3-DH3	2441	1.636	189.776	116	31600	400	Pass
3-DH5	2441	2.887	230.96	80	31600	400	Pass

Test plot as follows:

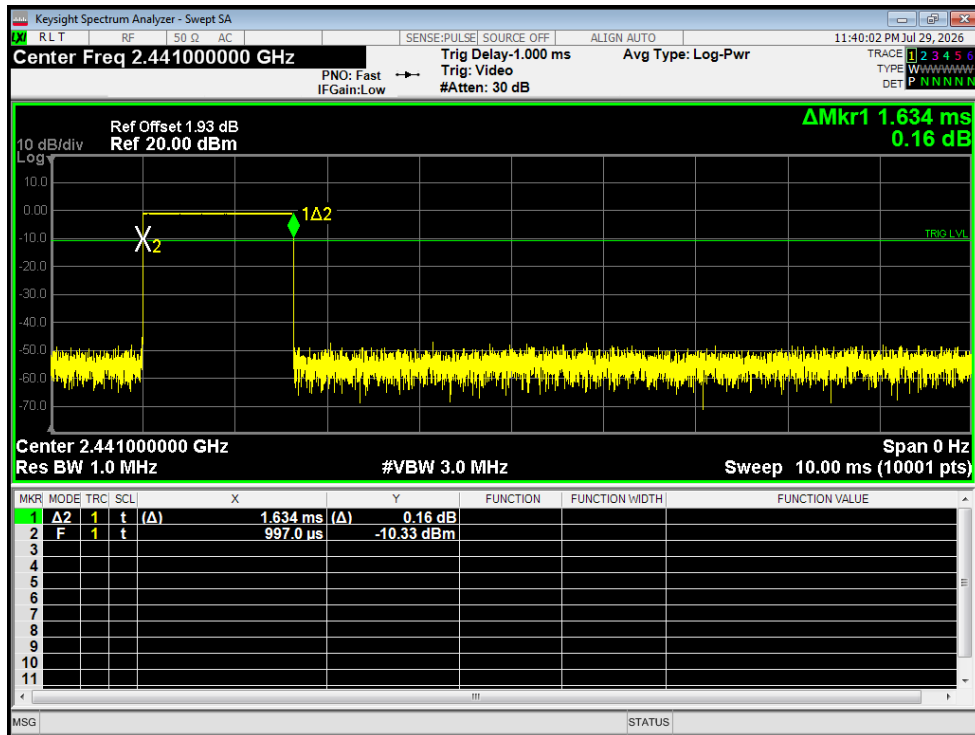
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



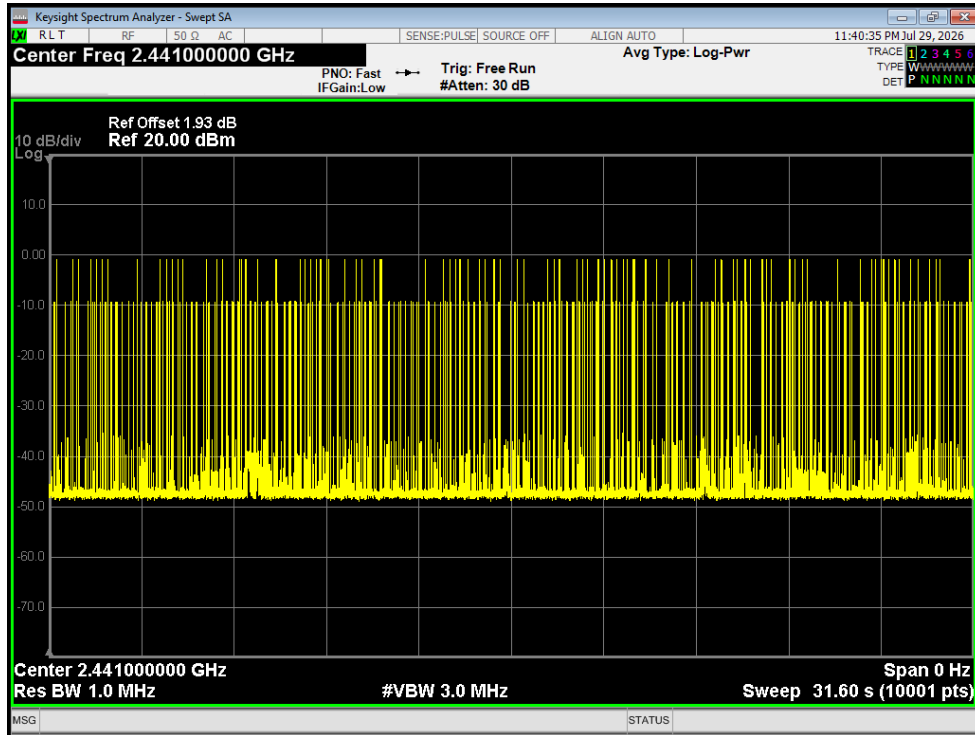
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



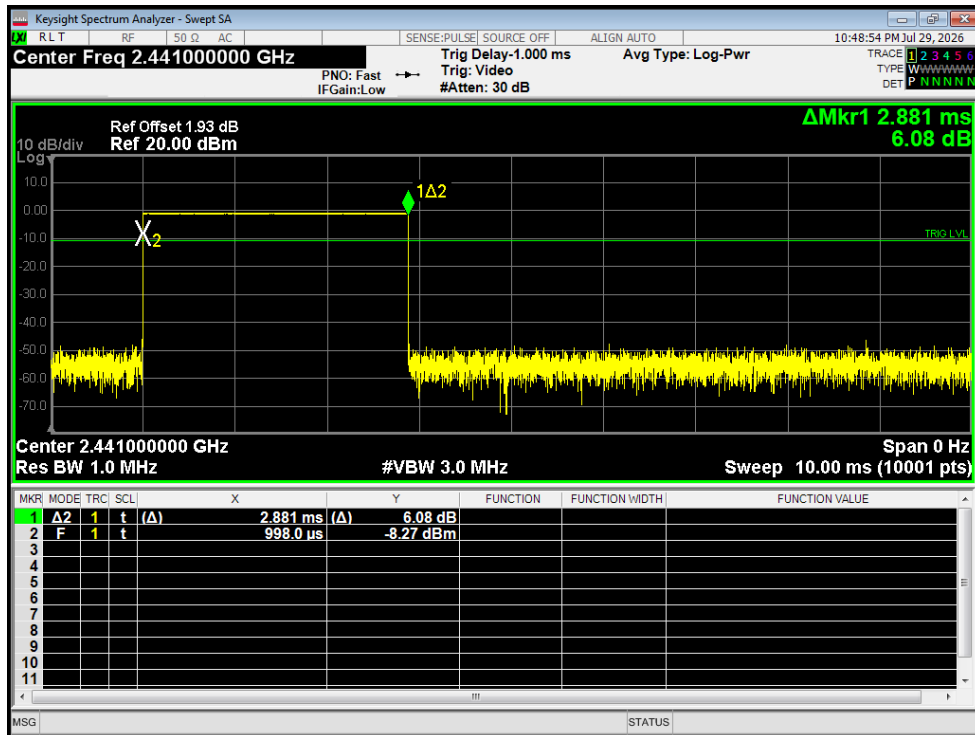
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



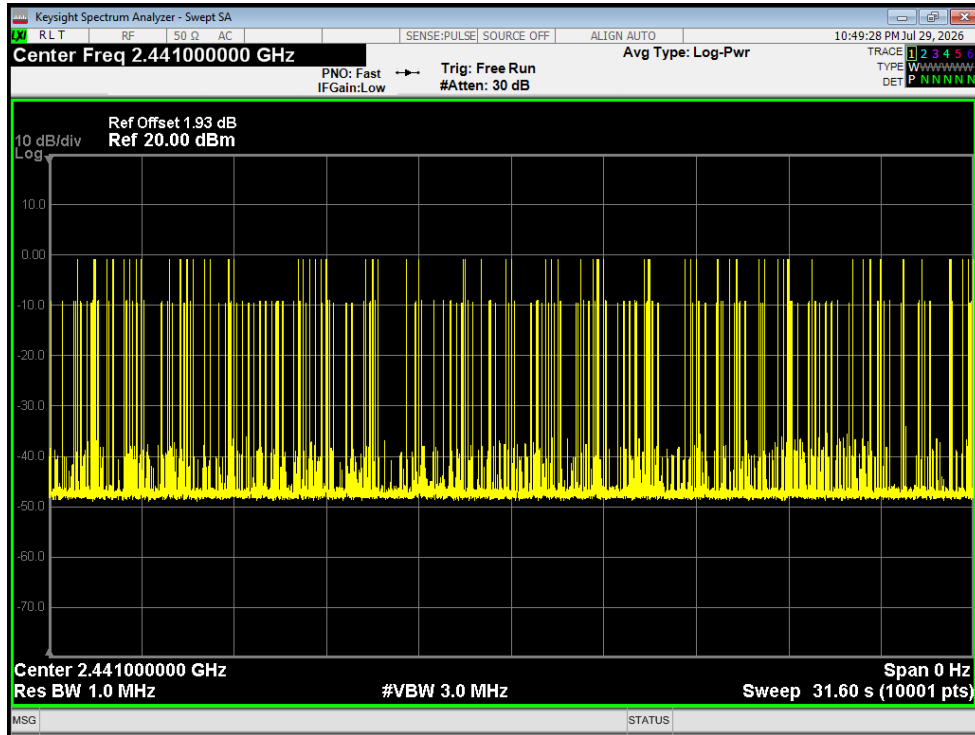
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



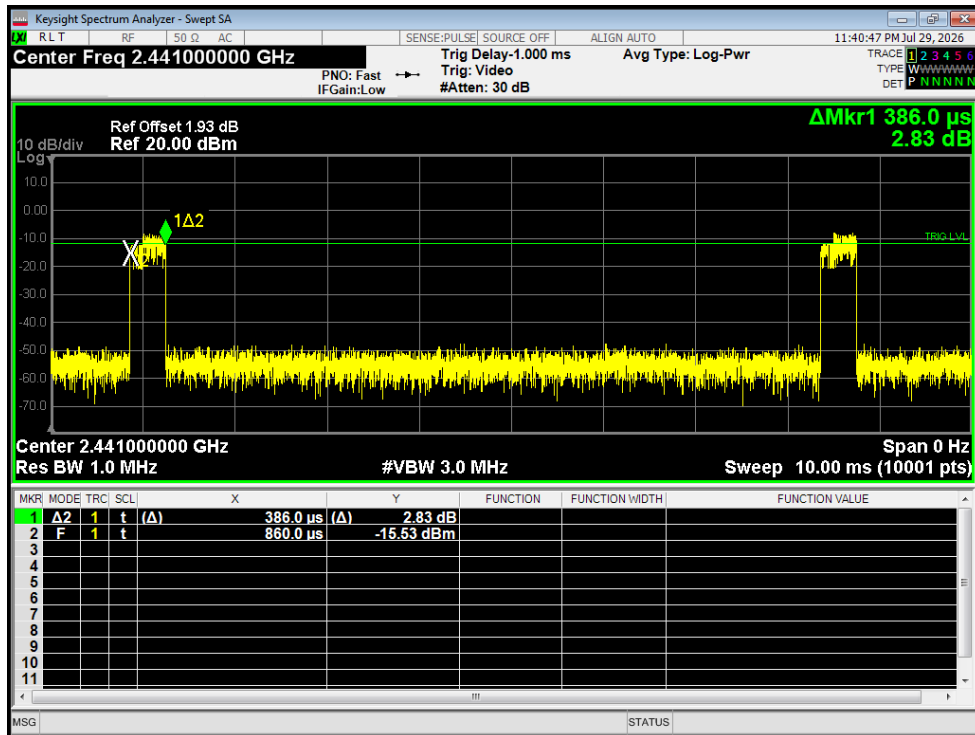
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

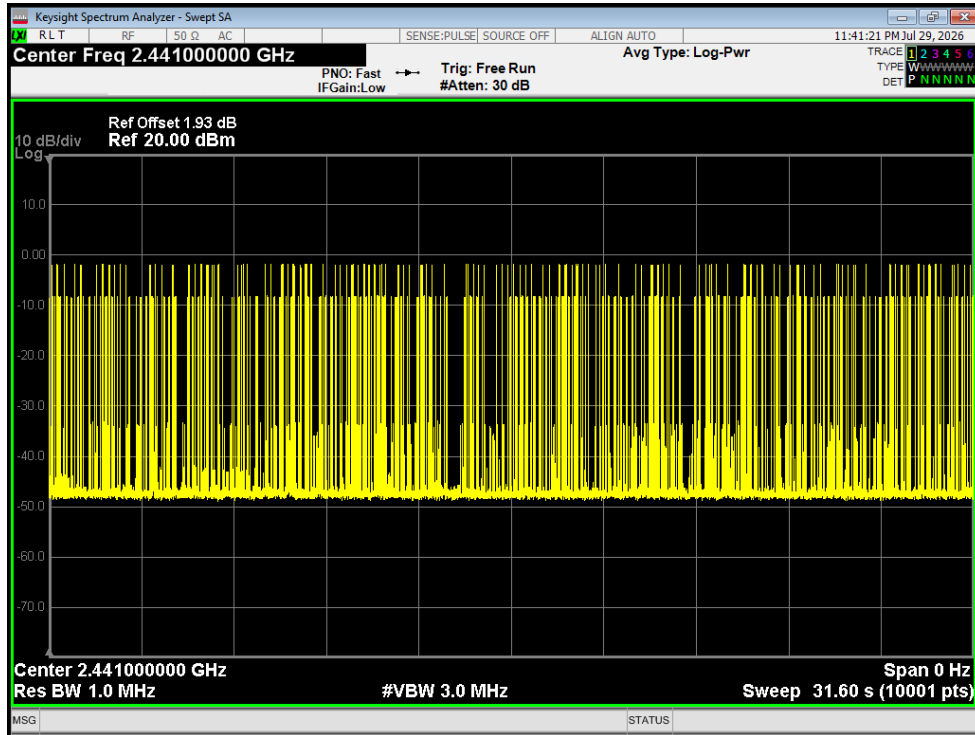


Dwell NVNT 2-DH1 2441MHz Ant1 One Burst

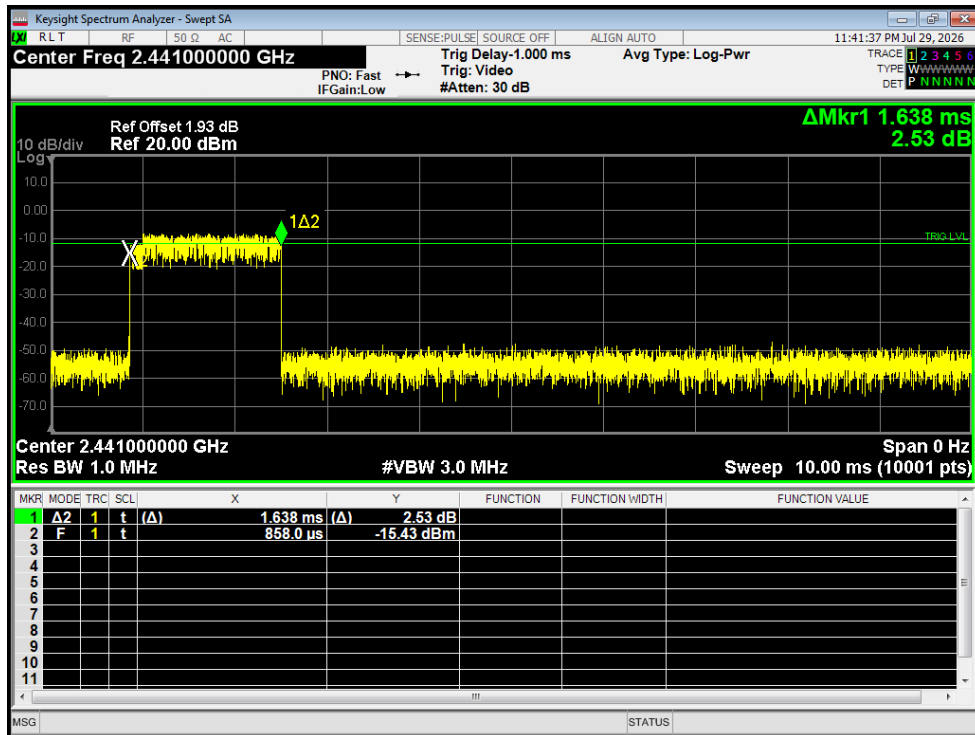




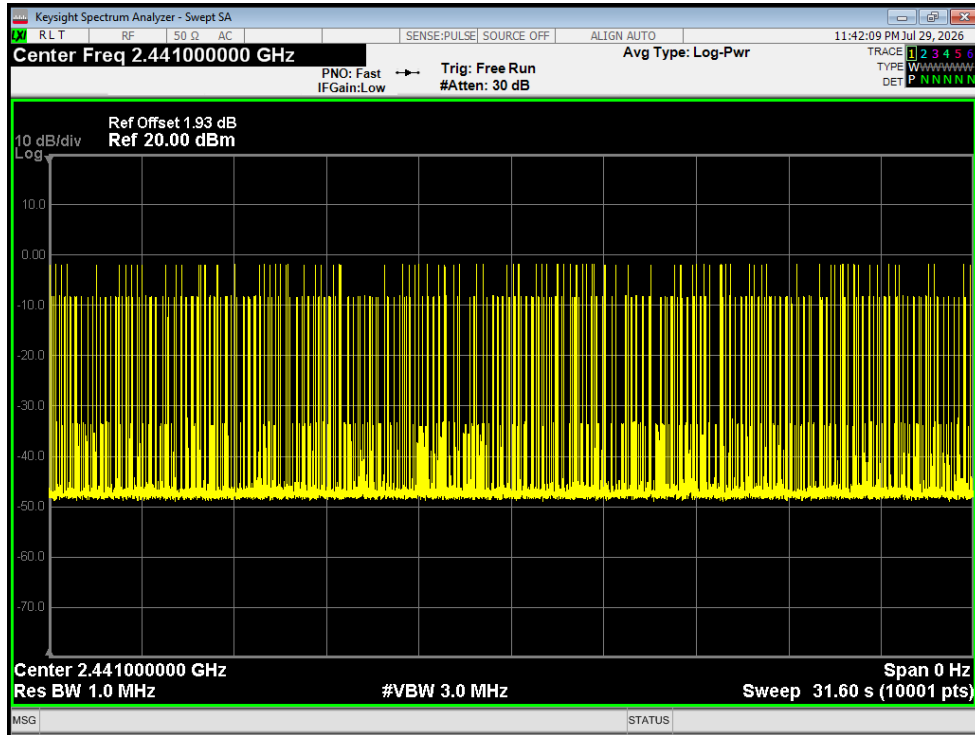
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



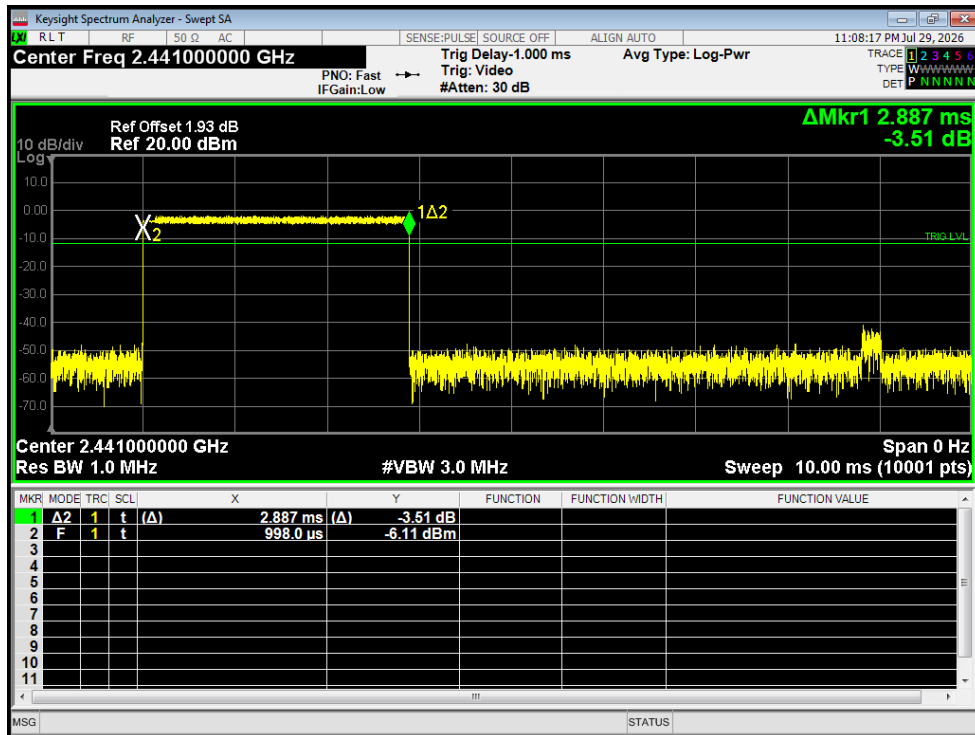
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



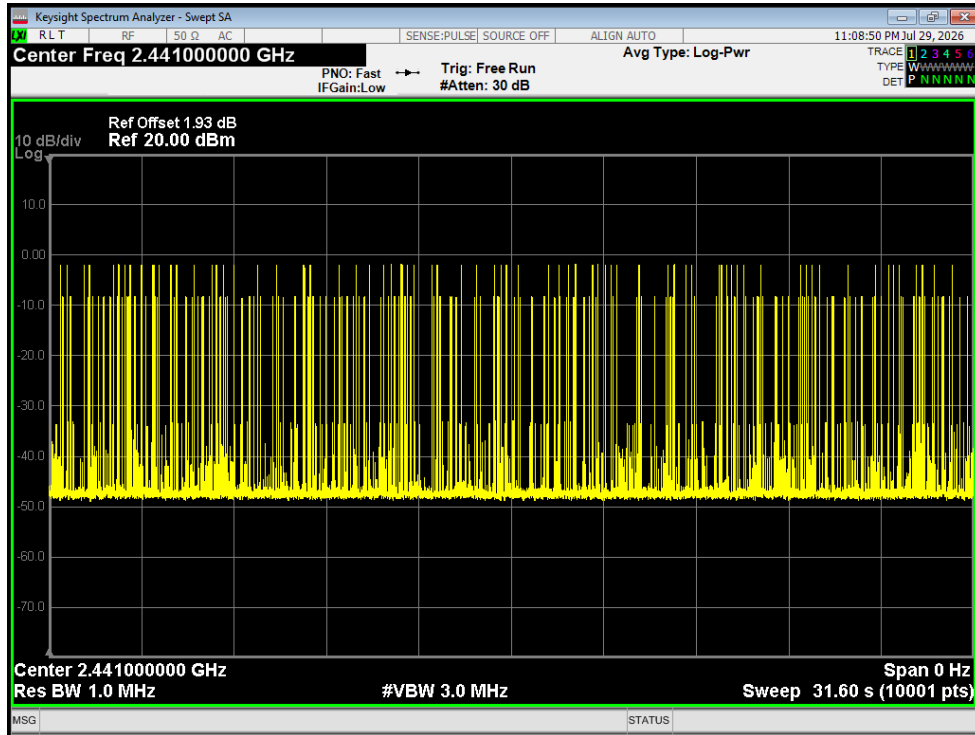
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



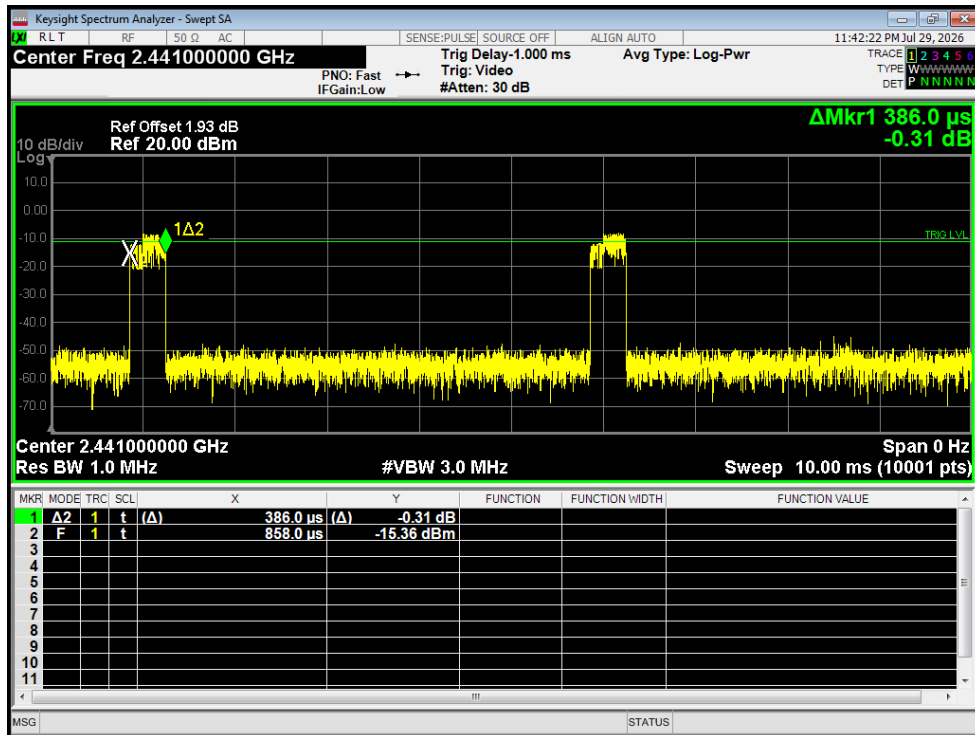
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



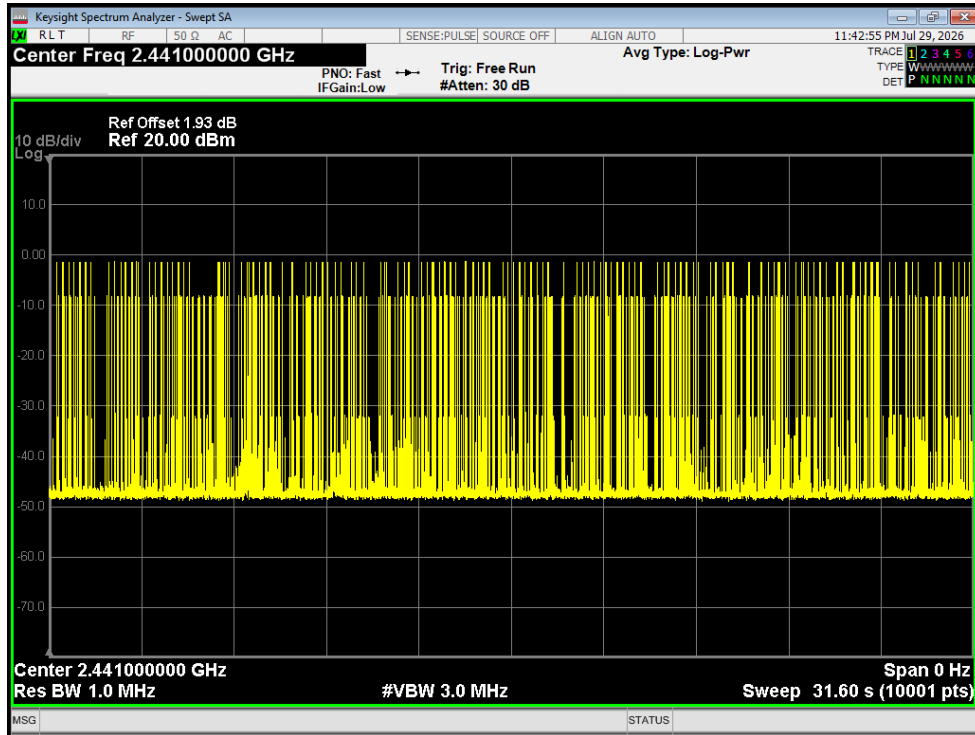
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH3 2441MHz Ant1 One Burst

