

1. Bandwidth

1.1 Test Result

1.1.1 OBW

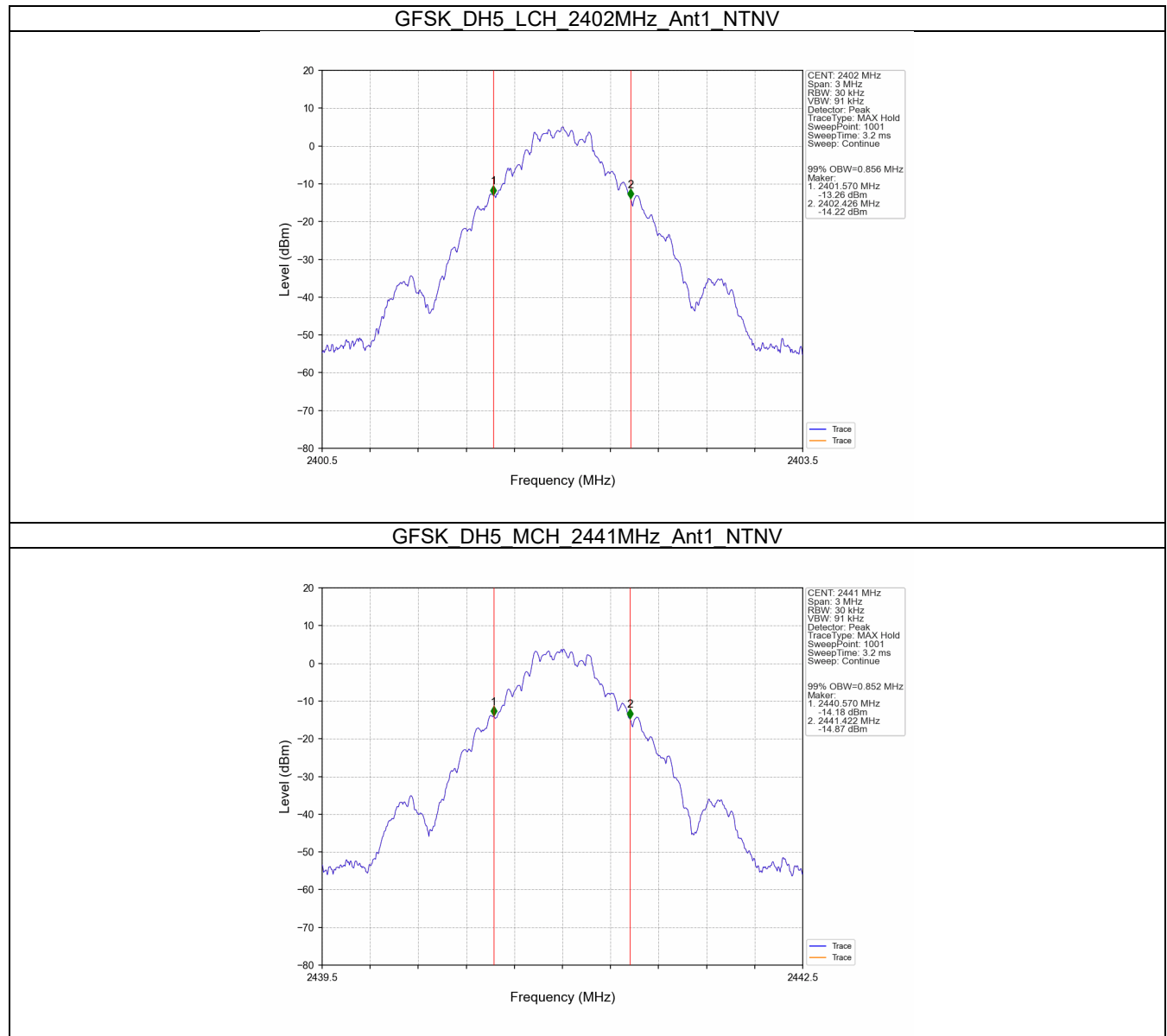
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.856	/	Pass
		2441	DH5	1	0.852	/	Pass
		2480	DH5	1	0.853	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.172	/	Pass
		2441	2DH5	1	1.170	/	Pass
		2480	2DH5	1	1.167	/	Pass
8DPSK	SISO	2402	3DH5	1	1.174	/	Pass
		2441	3DH5	1	1.175	/	Pass
		2480	3DH5	1	1.173	/	Pass

1.1.2 20dB BW

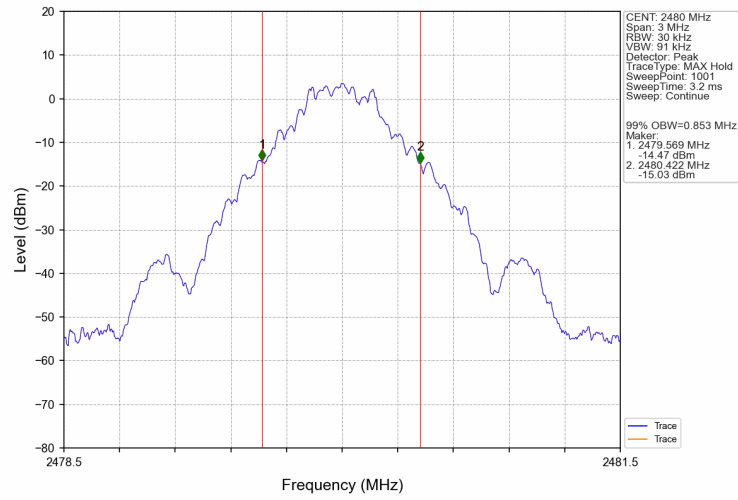
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.952	/	Pass
		2441	DH5	1	0.951	/	Pass
		2480	DH5	1	0.953	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.320	/	Pass
		2441	2DH5	1	1.318	/	Pass
		2480	2DH5	1	1.286	/	Pass
8DPSK	SISO	2402	3DH5	1	1.306	/	Pass
		2441	3DH5	1	1.303	/	Pass
		2480	3DH5	1	1.301	/	Pass

1.2 Test Graph

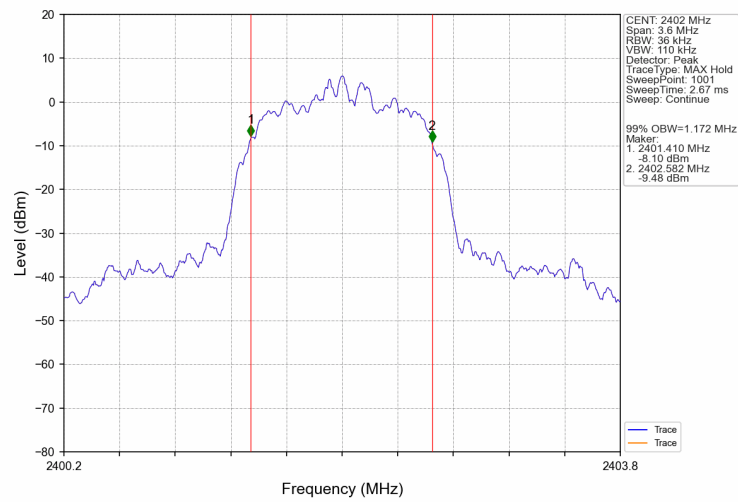
1.2.1 OBW



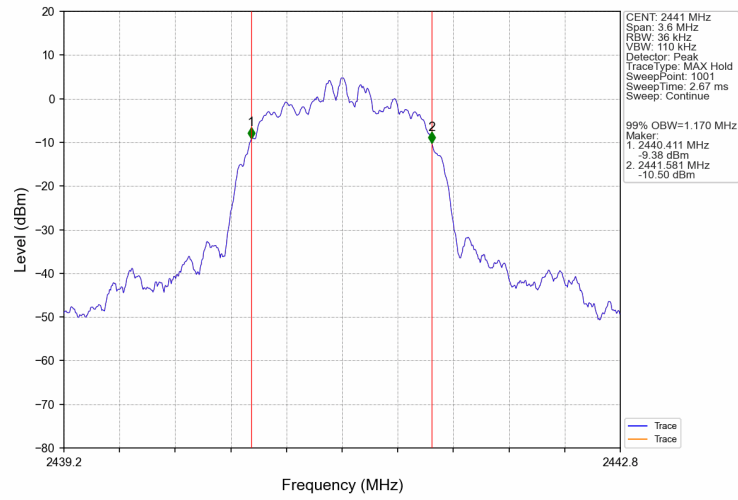
GFSK DH5 HCH 2480MHz Ant1 NTN



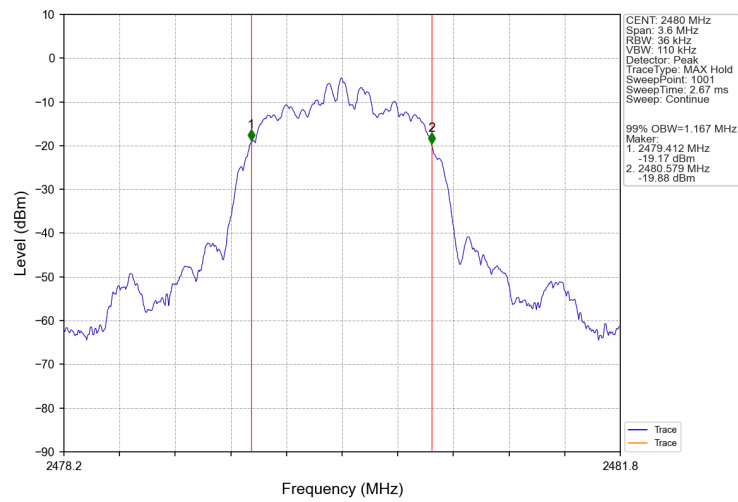
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



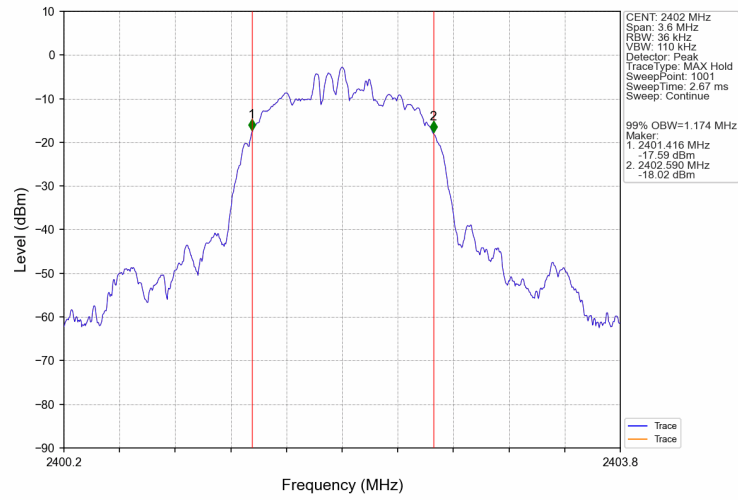
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



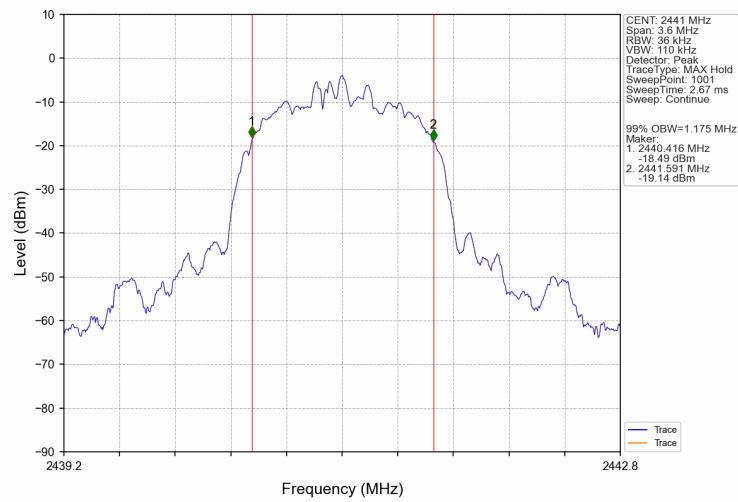
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



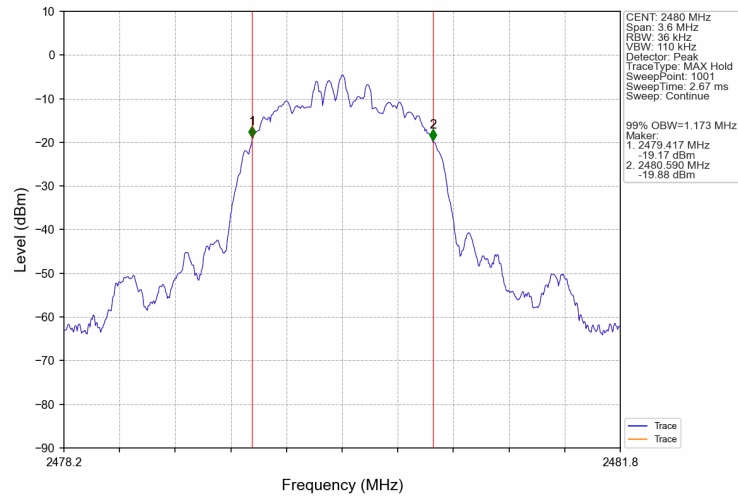
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



8DPSK 3DH5 MCH 2441MHz Ant1 NTN

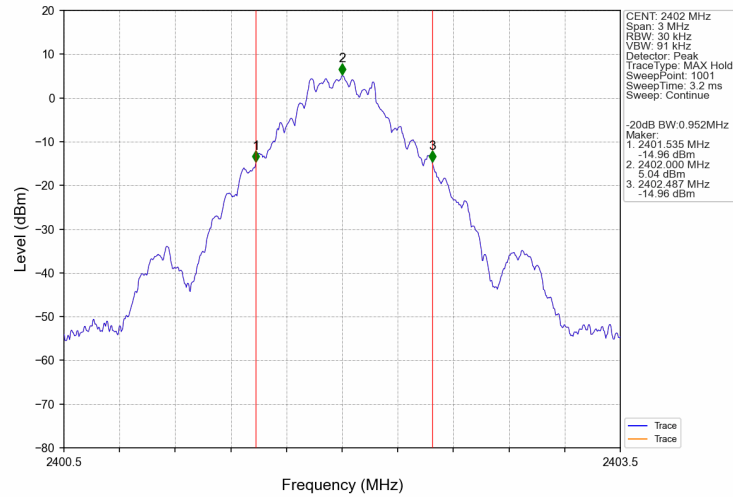


8DPSK 3DH5 HCH 2480MHz Ant1 NTV

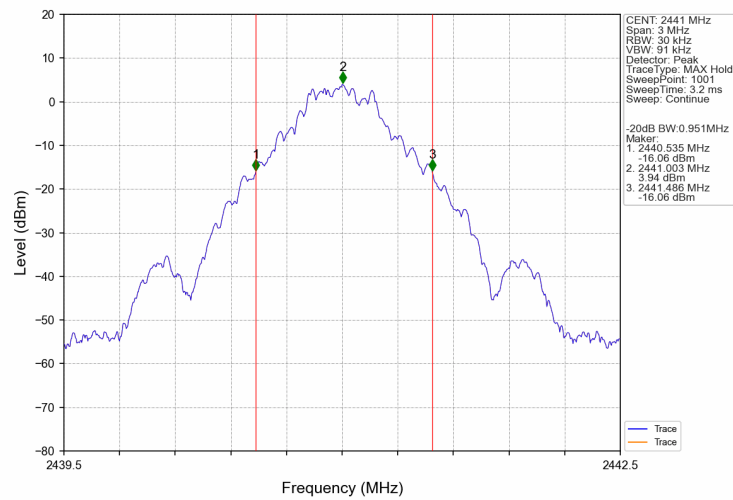


1.2.2 20dB BW

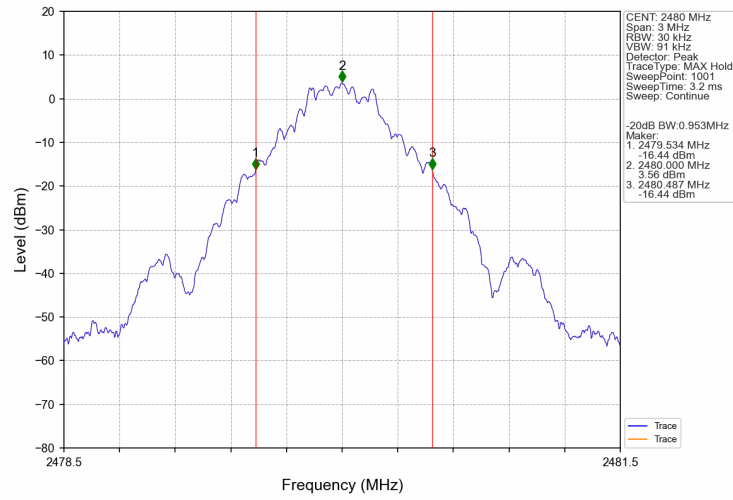
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



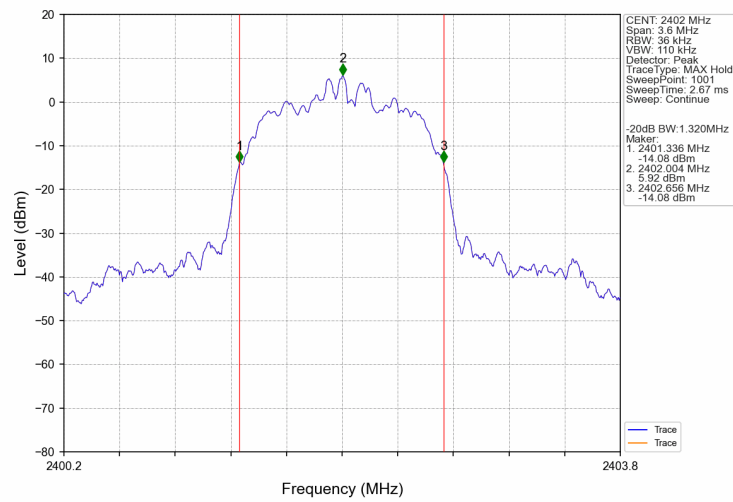
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



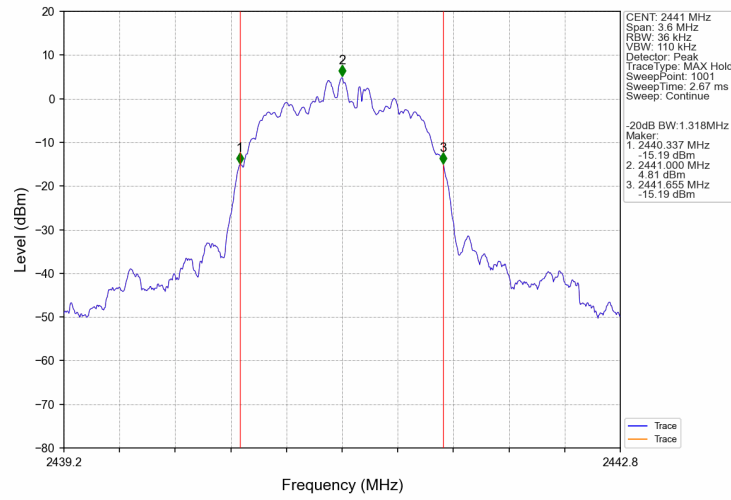
GFSK DH5 HCH 2480MHz Ant1 NTN



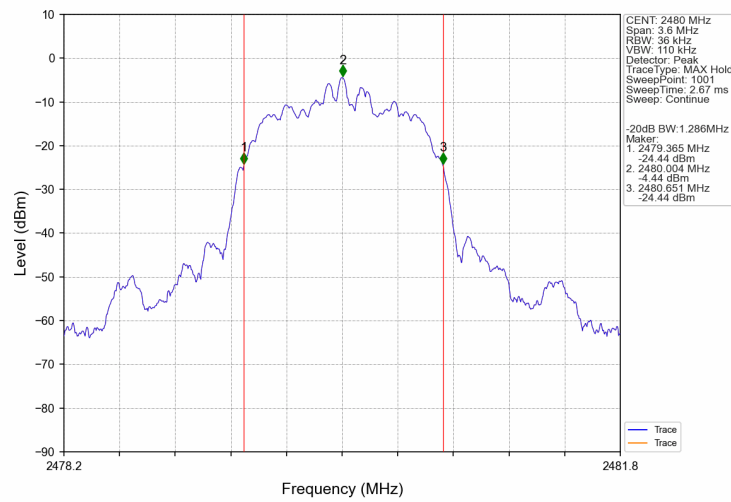
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



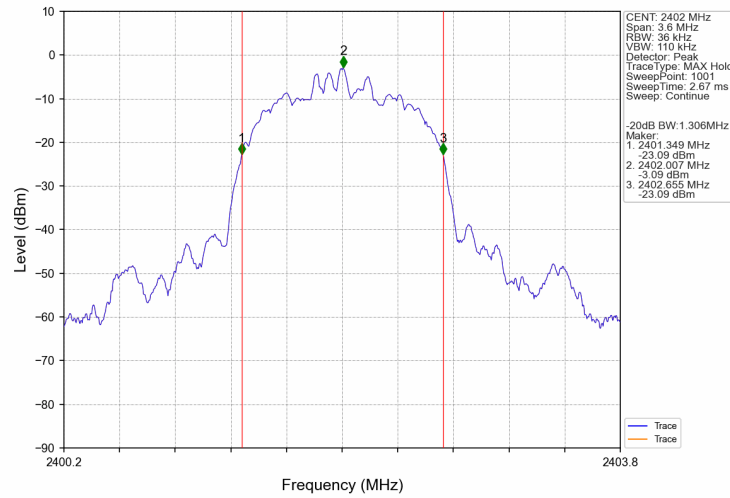
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



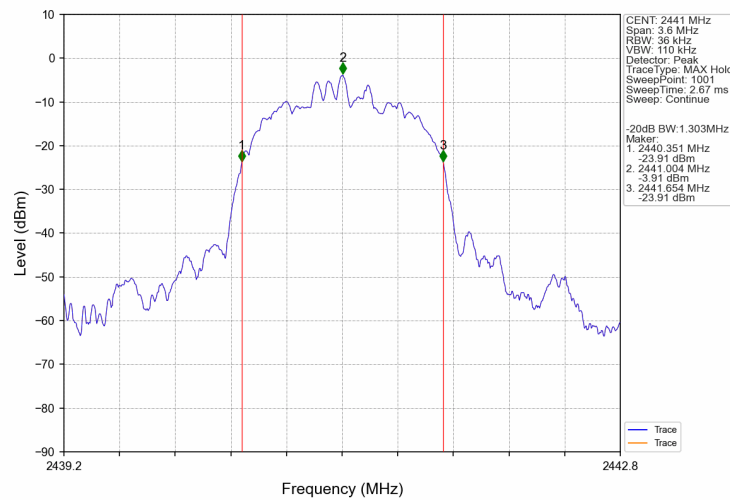
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



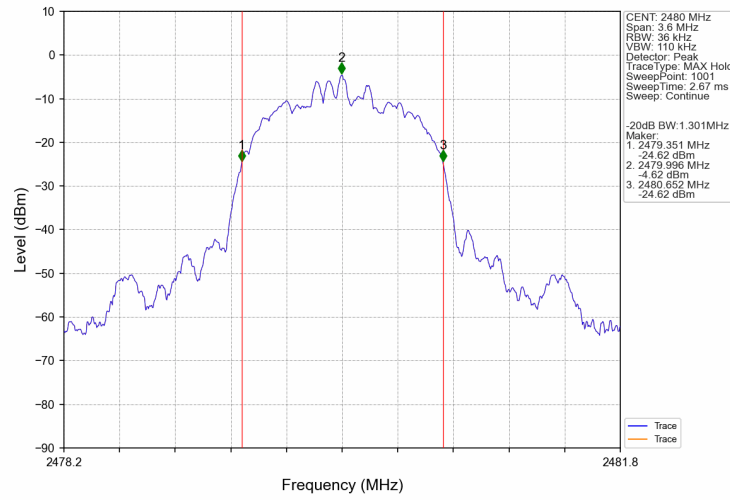
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



8DPSK 3DH5 MCH 2441MHz Ant1 NTN



8DPSK 3DH5 HCH 2480MHz Ant1 NTV



2. Maximum Conducted Output Power

2.1 Test Result

2.1.1 Power

BR – EDR ☐ Right Ear ☐

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	0.63	≤ 30	Pass
		2441	DH5	-0.46	≤ 30	Pass
		2480	DH5	-0.85	≤ 30	Pass
Pi/4DQPSK	SISO	2402	2DH5	3.08	≤ 20.97	Pass
		2441	2DH5	1.93	≤ 20.97	Pass
		2480	2DH5	1.62	≤ 20.97	Pass
8DPSK	SISO	2402	3DH5	3.53	≤ 20.97	Pass
		2441	3DH5	2.41	≤ 20.97	Pass
		2480	3DH5	2.13	≤ 20.97	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

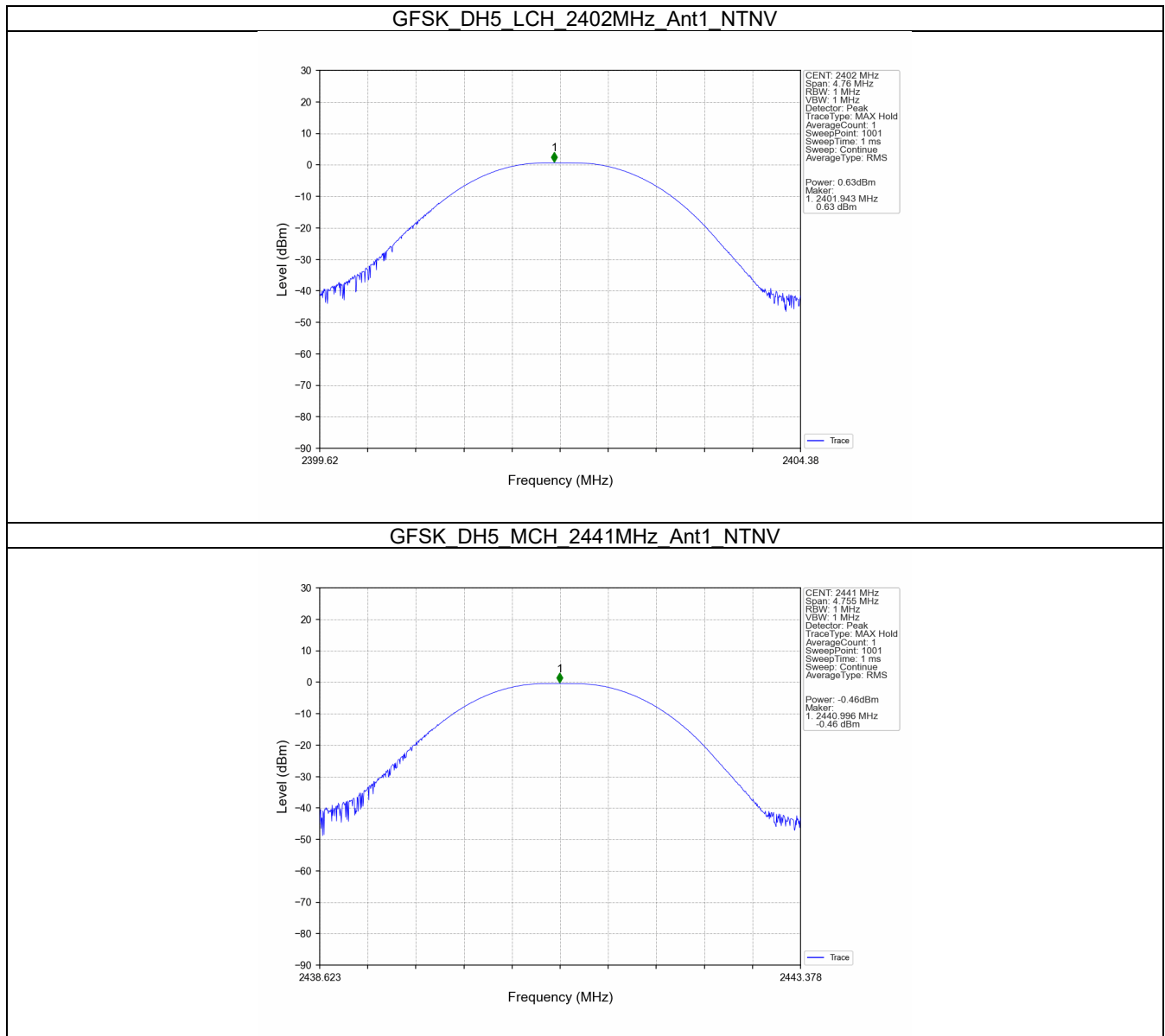
BR – EDR ☐ Left Ear ☐

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	1.16	≤ 30	Pass
		2441	DH5	-0.28	≤ 30	Pass
		2480	DH5	-0.76	≤ 30	Pass
Pi/4DQPSK	SISO	2402	2DH5	3.45	≤ 20.97	Pass
		2441	2DH5	2.18	≤ 20.97	Pass
		2480	2DH5	1.68	≤ 20.97	Pass
8DPSK	SISO	2402	3DH5	3.95	≤ 20.97	Pass
		2441	3DH5	2.70	≤ 20.97	Pass
		2480	3DH5	2.22	≤ 20.97	Pass

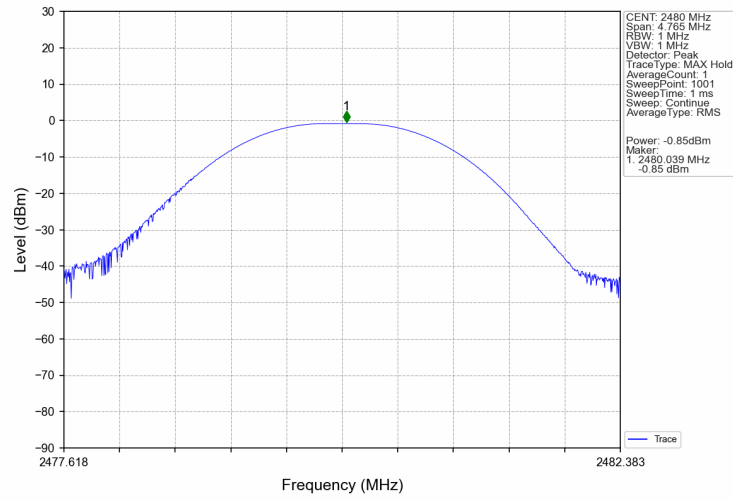
Note1: Antenna Gain: Ant1: 3.00dBi;

2.2 Test Graph

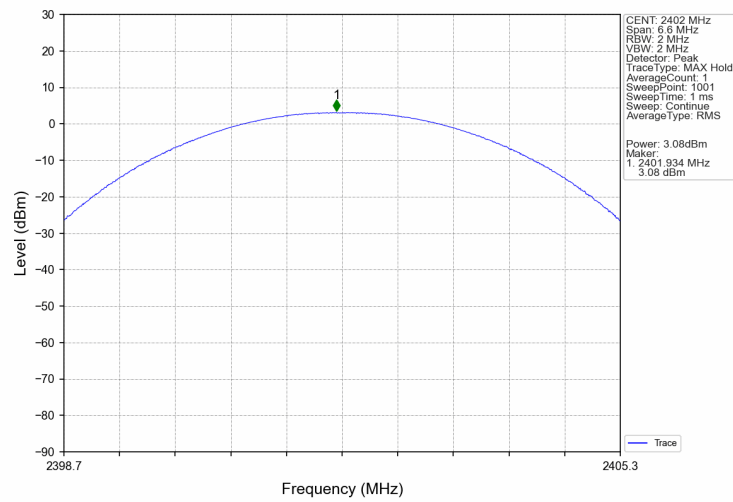
2.2.1 Power



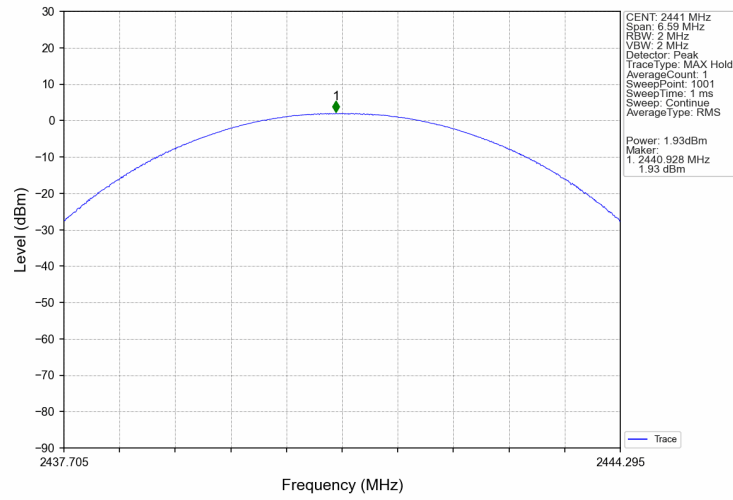
GFSK DH5 HCH 2480MHz Ant1 NTN



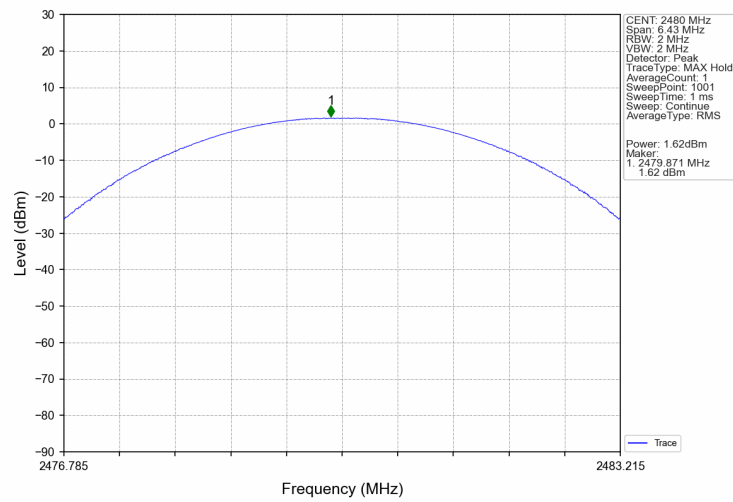
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



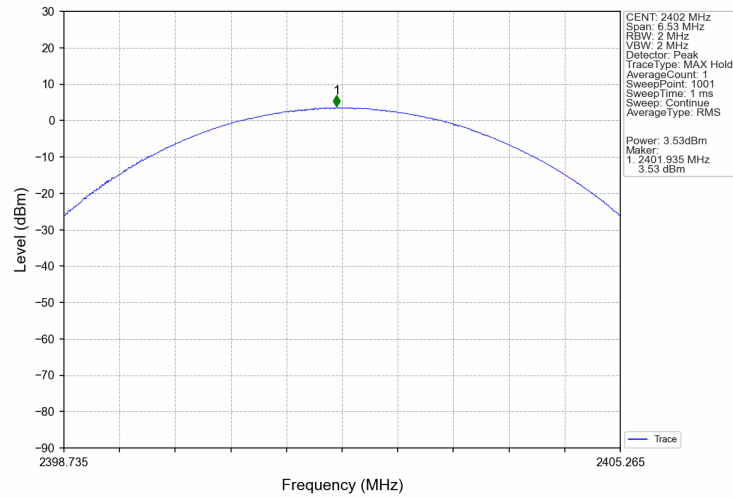
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



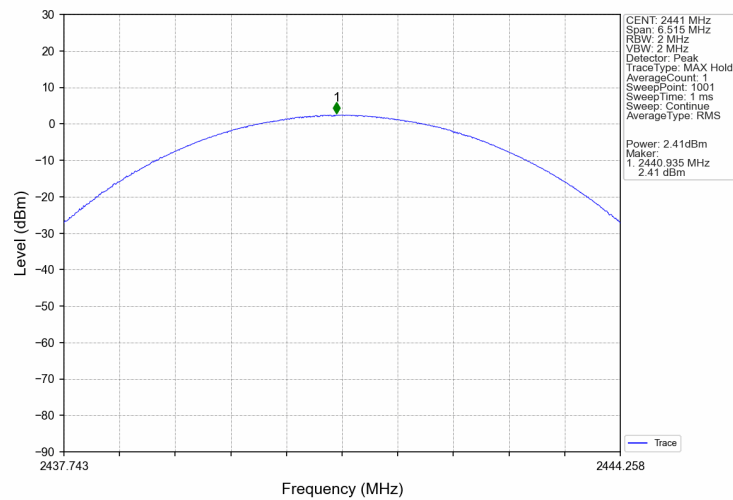
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



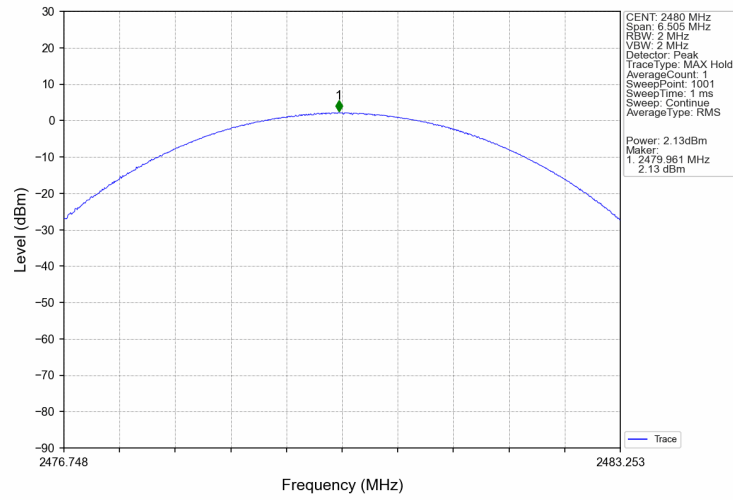
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



8DPSK 3DH5 MCH 2441MHz Ant1 NTN

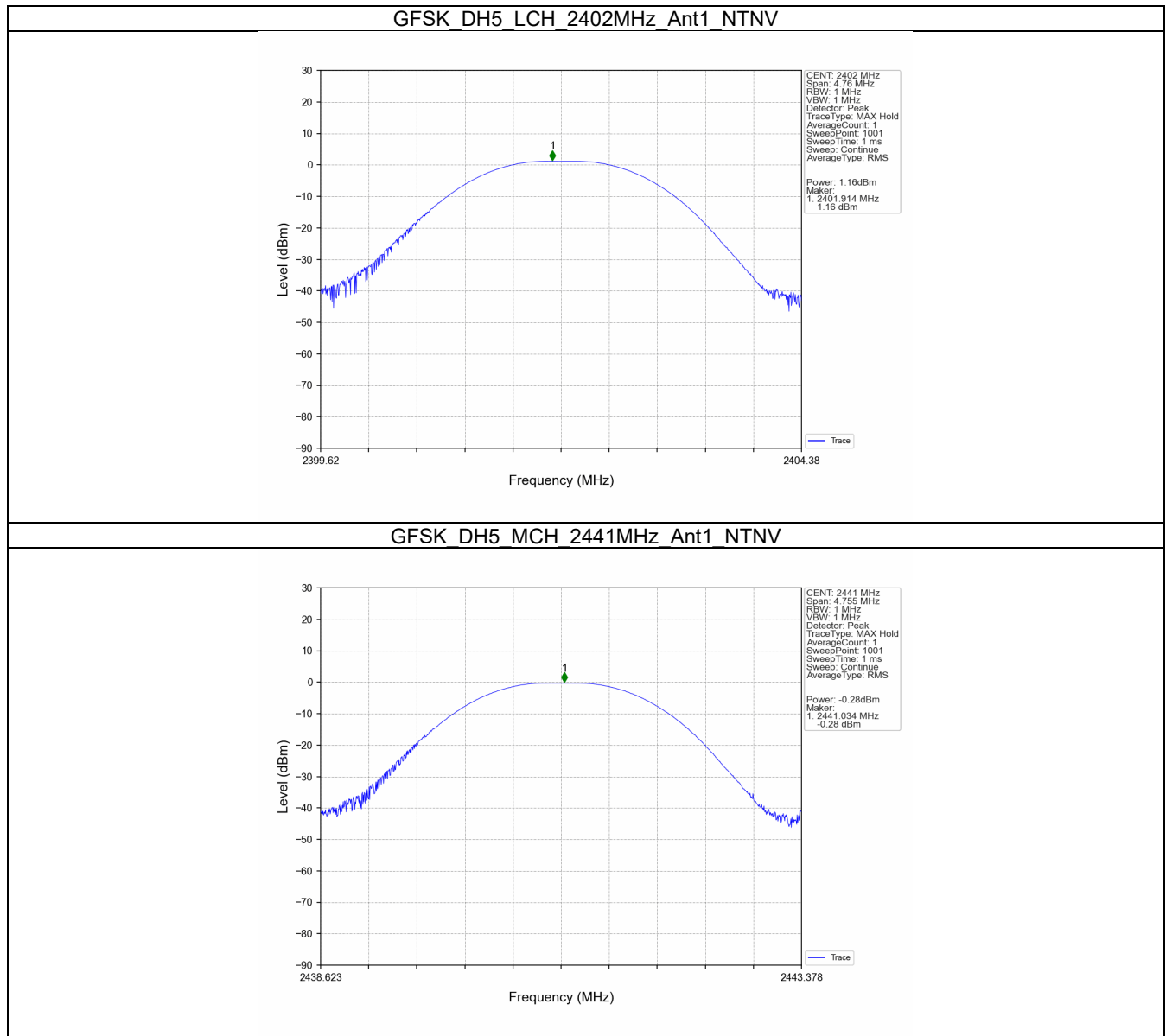


8DPSK 3DH5 HCH 2480MHz Ant1 NTVN

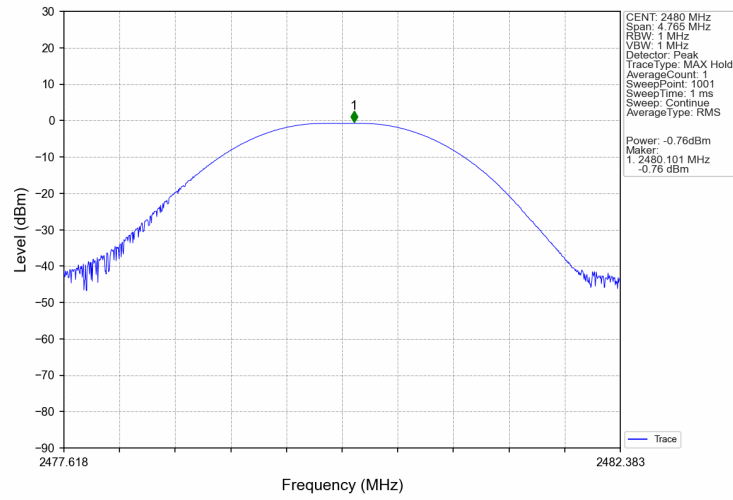


2.3 Test Graph

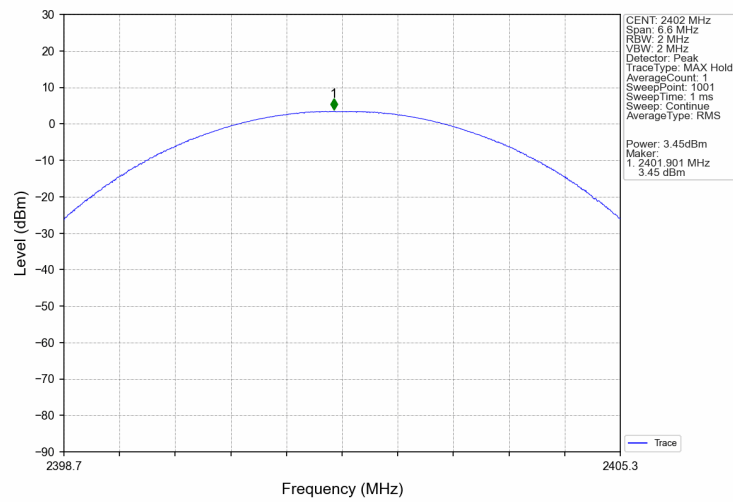
2.3.1 Power



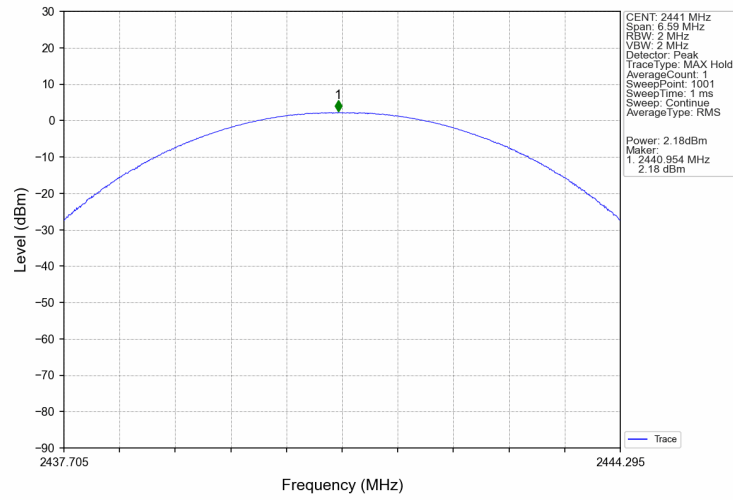
GFSK DH5 HCH 2480MHz Ant1 NTN



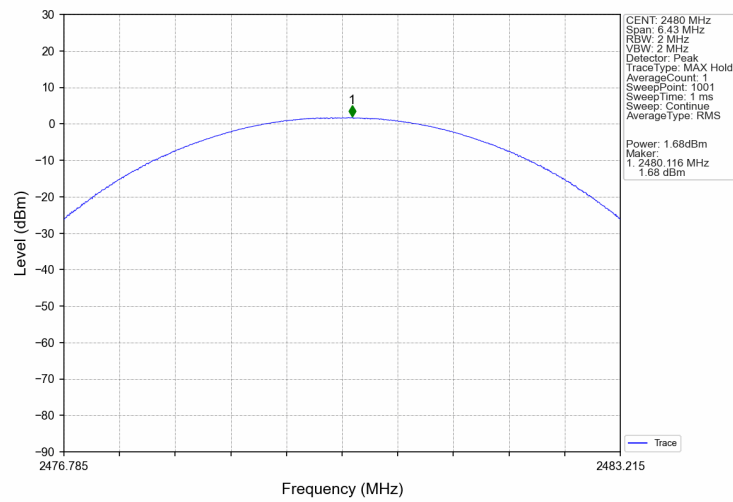
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



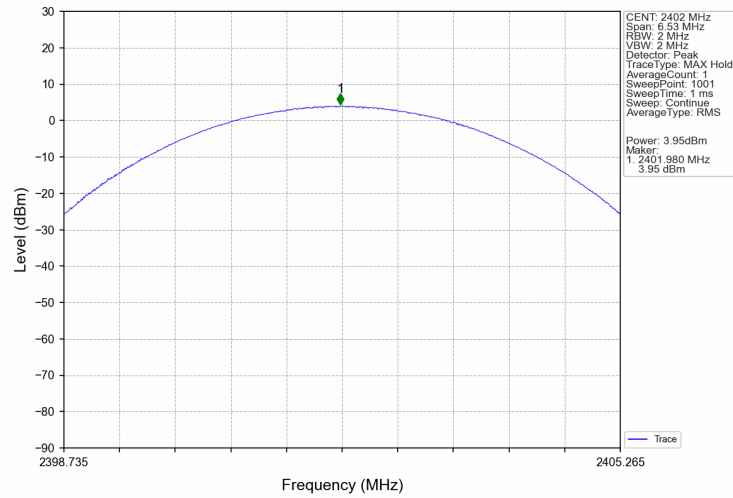
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



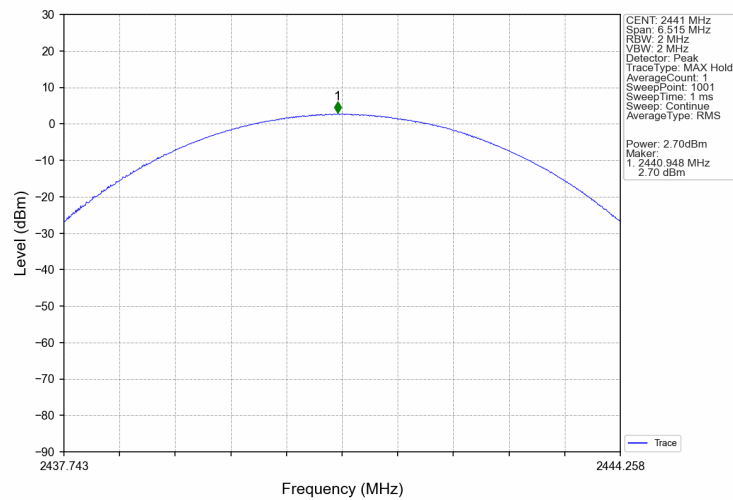
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



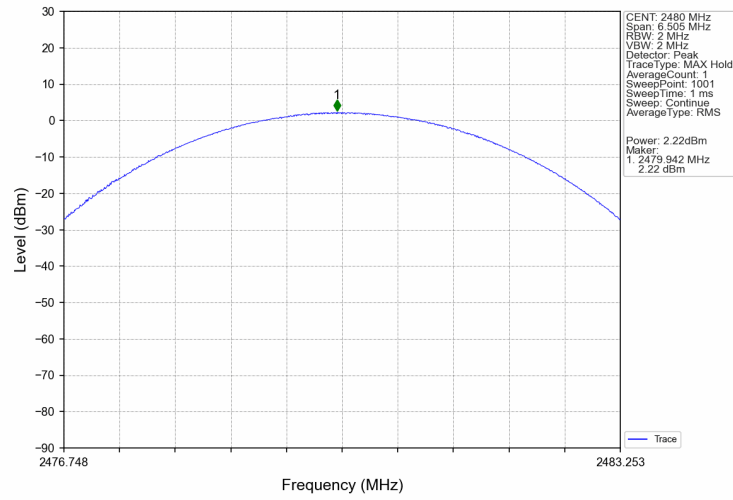
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



8DPSK 3DH5 MCH 2441MHz Ant1 NTN



8DPSK 3DH5 HCH 2480MHz Ant1 NTV



3. Carrier Frequency Separation

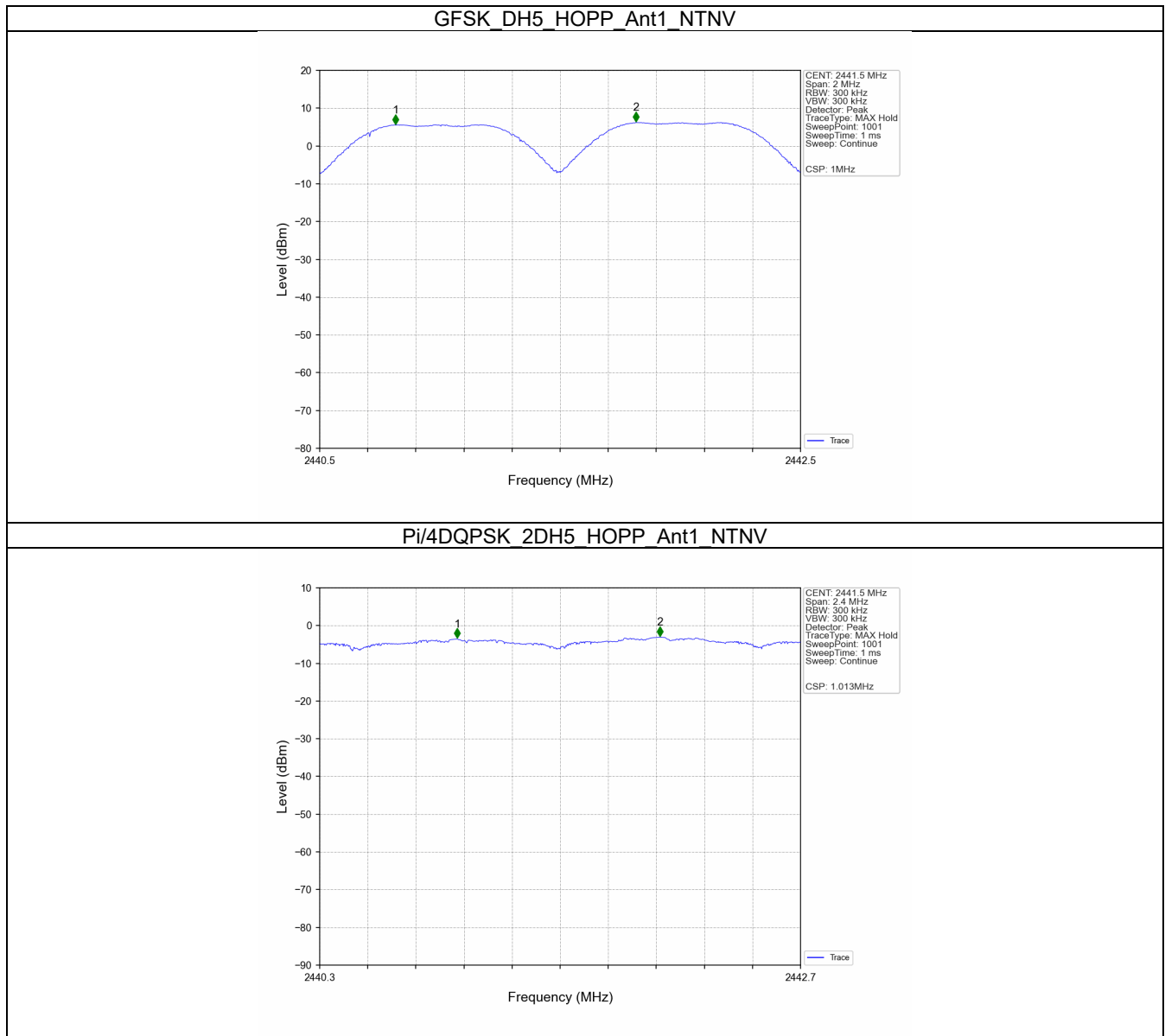
3.1 Test Result

3.1.1 Ant1

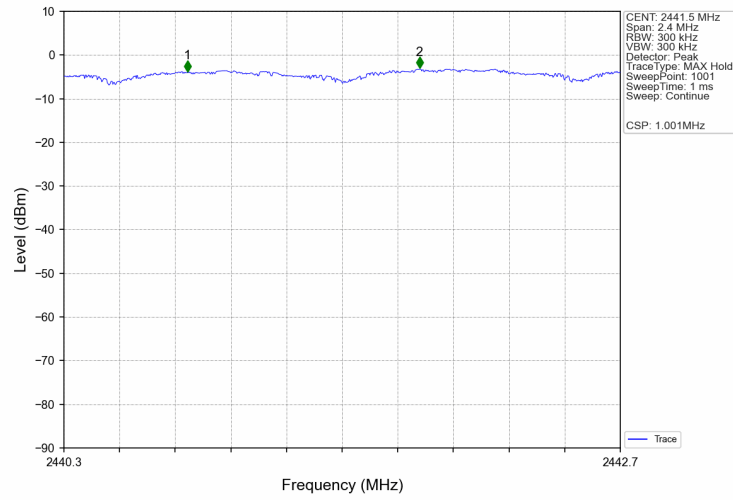
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	0.953	≥ 0.953	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.013	1.320	≥ 0.88	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.306	≥ 0.871	Pass

3.2 Test Graph

3.2.1 Ant1



8DPSK 3DH5 HOPP Ant1 NTVN



4. Number of Hopping Frequencies

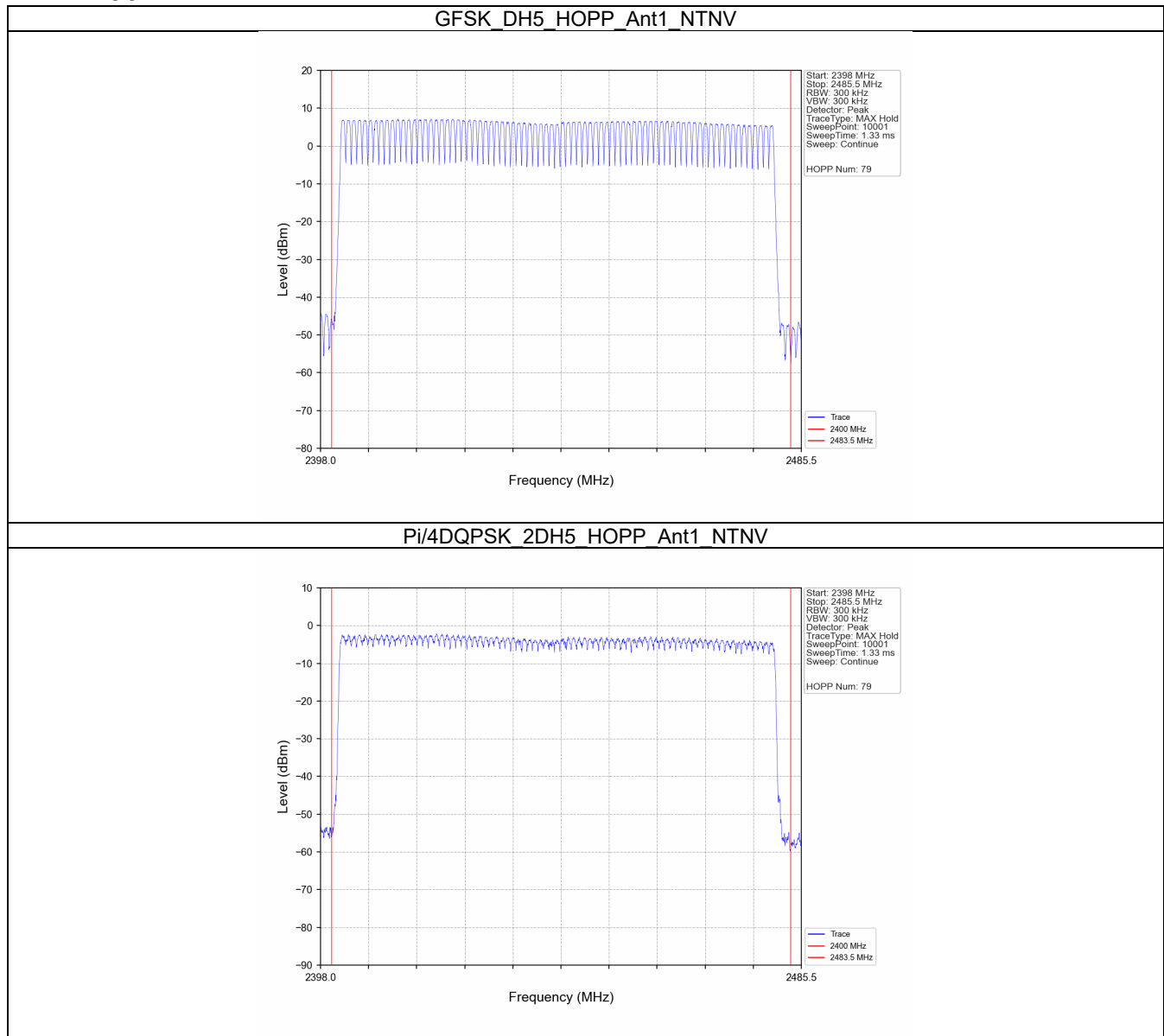
4.1 Test Result

4.1.1 HoppNum

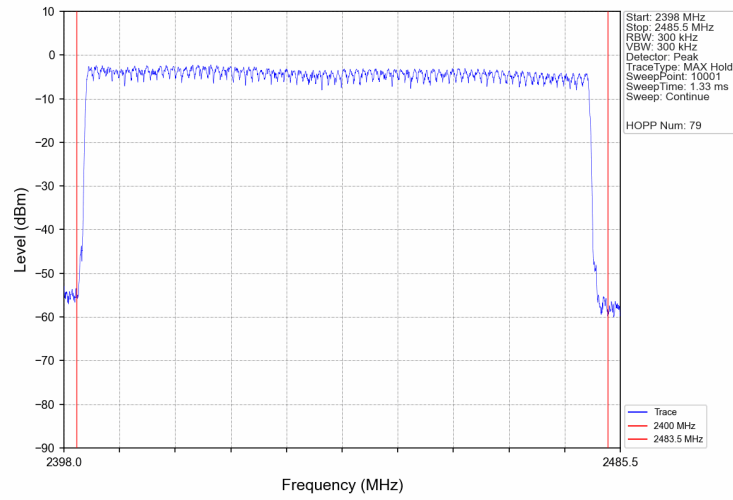
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

4.2 Test Graph

4.2.1 HoppNum



8DPSK 3DH5 HOPP Ant1 NTNV



5. Time of Occupancy (Dwell Time)

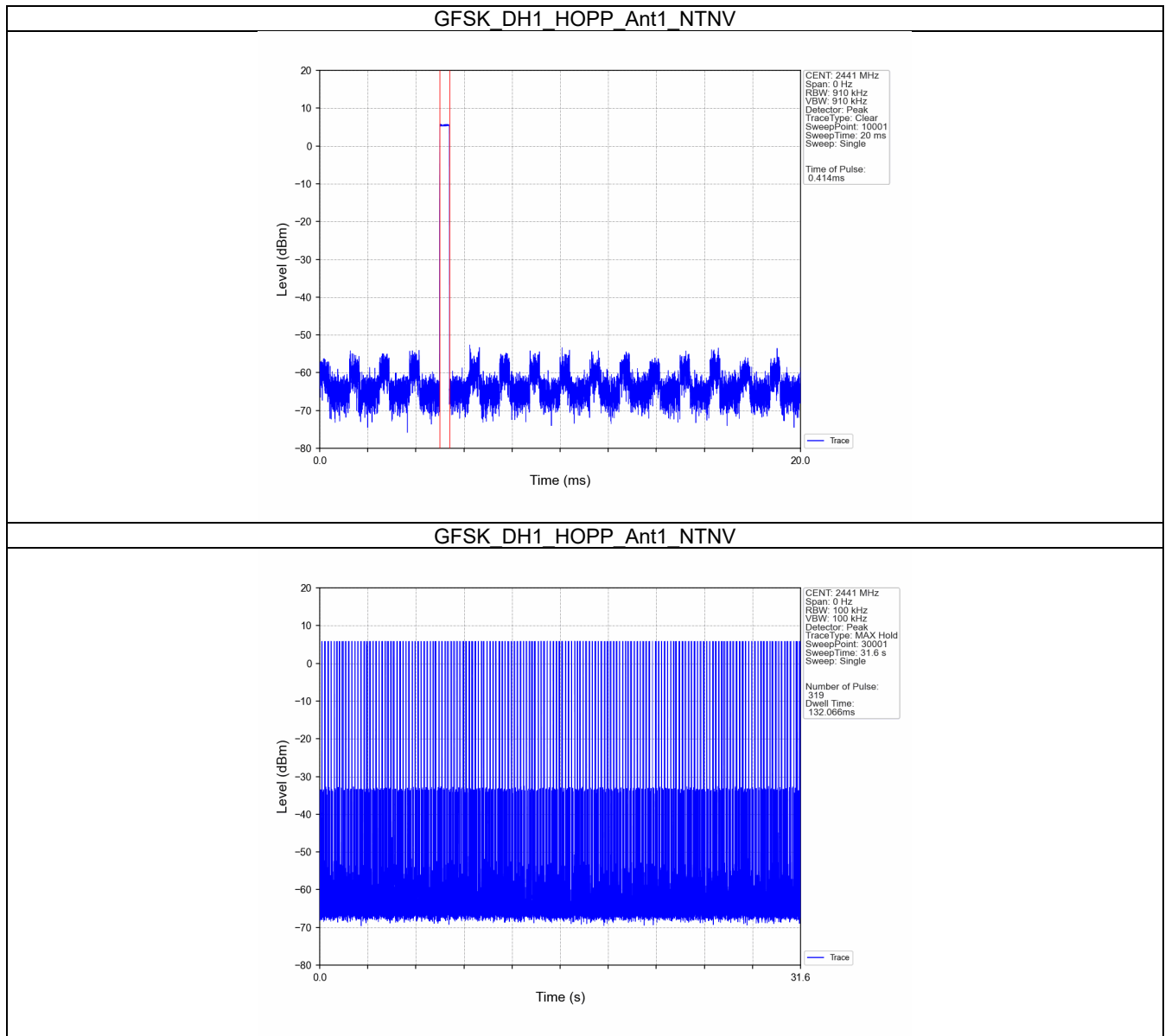
5.1 Test Result

5.1.1 Ant1

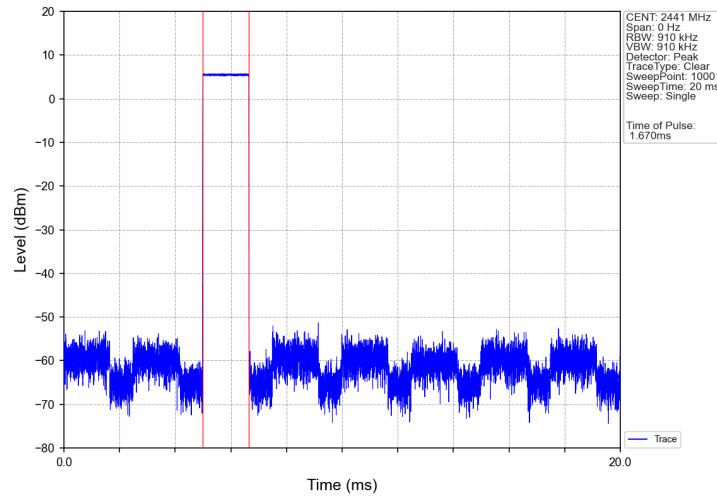
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.414	31.600	319	132.066	<=400	Pass
			DH3	1.670	31.600	156	260.520	<=400	Pass
			DH5	2.916	31.600	102	297.432	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.422	31.600	320	135.040	<=400	Pass
			2DH3	1.674	31.600	147	246.078	<=400	Pass
			2DH5	2.920	31.600	98	286.160	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.424	31.600	320	135.680	<=400	Pass
			3DH3	1.672	31.600	169	282.568	<=400	Pass
			3DH5	2.924	31.600	110	321.640	<=400	Pass

5.2 Test Graph

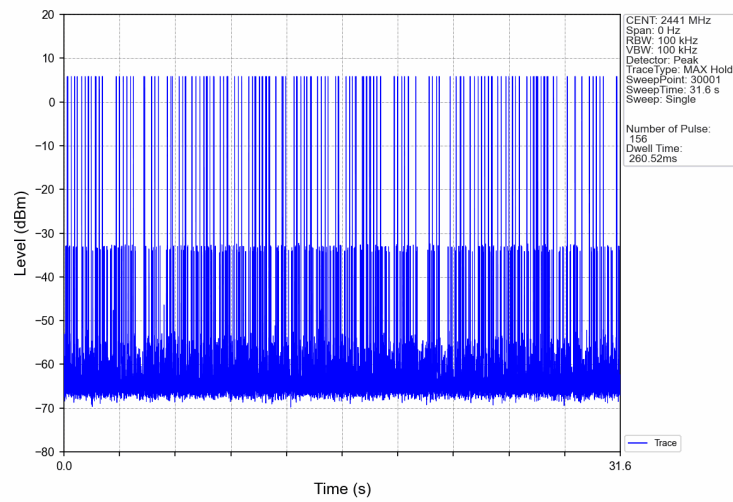
5.2.1 Ant1



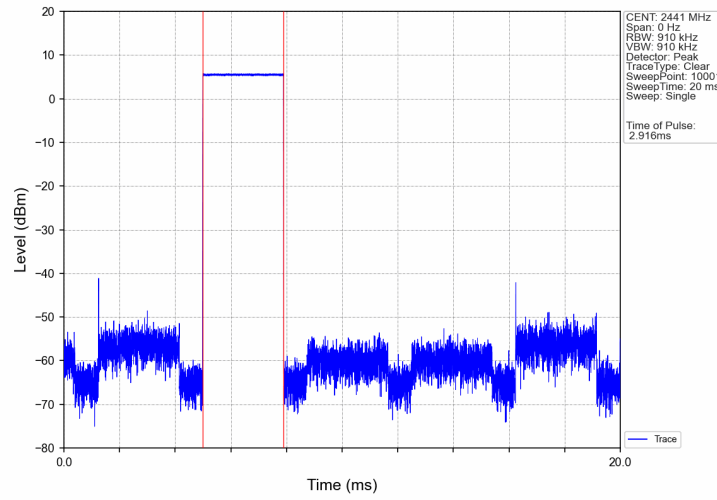
GFSK DH3 HOPP Ant1 NTN



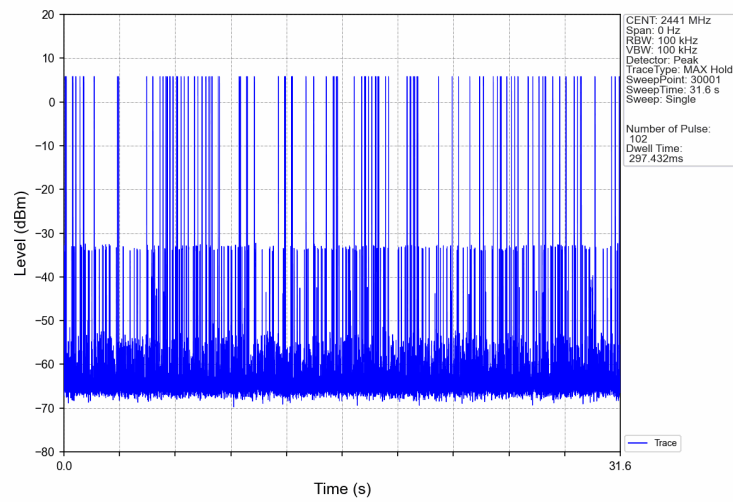
GFSK DH3 HOPP Ant1 NTN



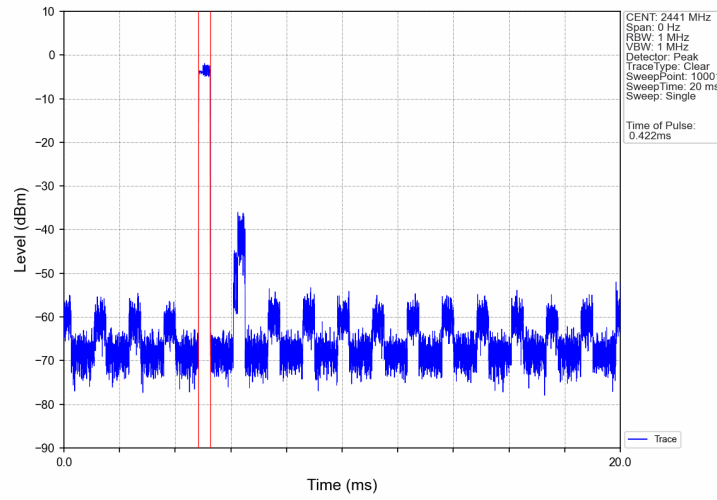
GFSK DH5 HOPP Ant1 NTN



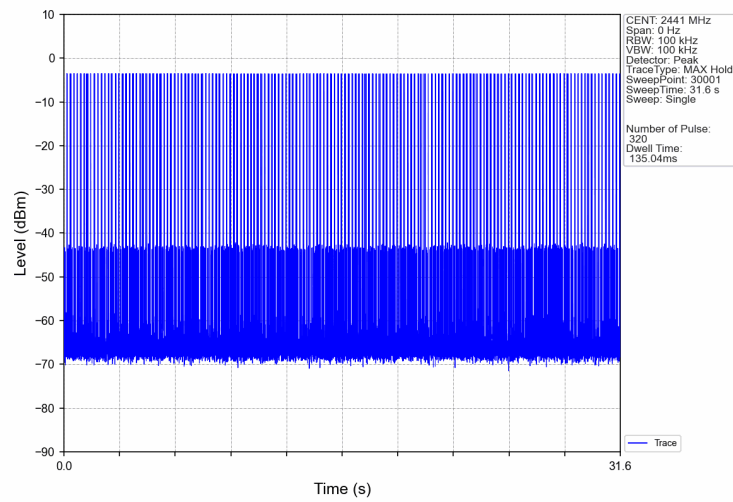
GFSK DH5 HOPP Ant1 NTN



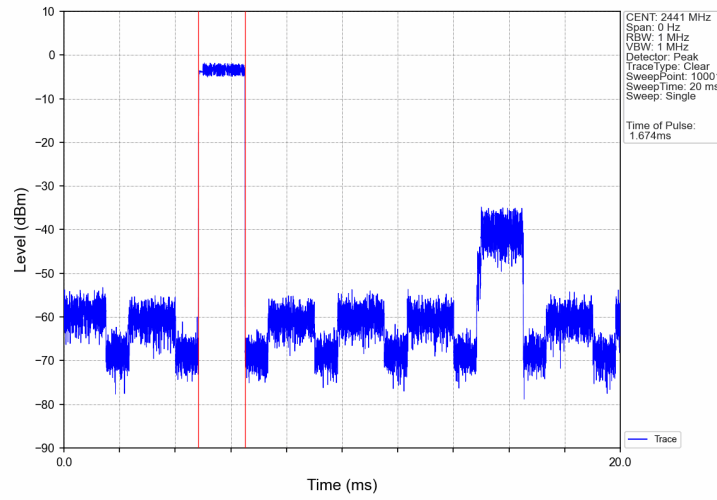
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



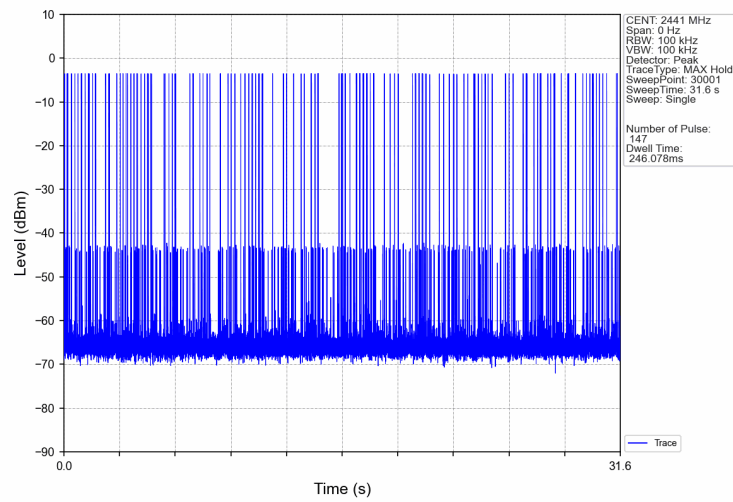
Pi/4DQPSK_2DH1_HOPP_Ant1_NTNV



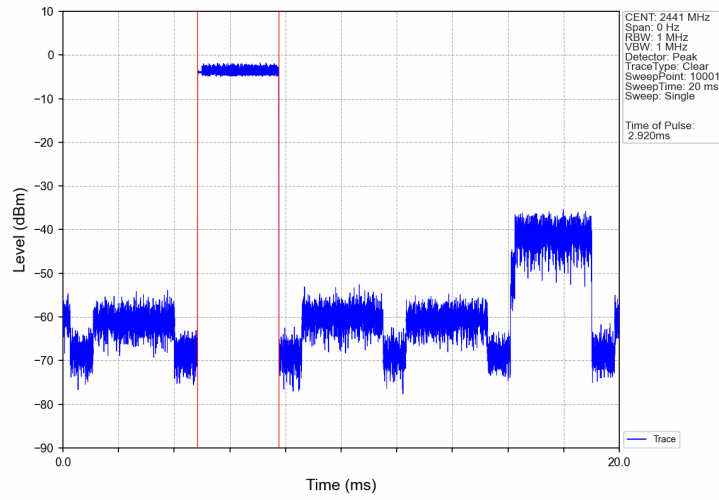
Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV



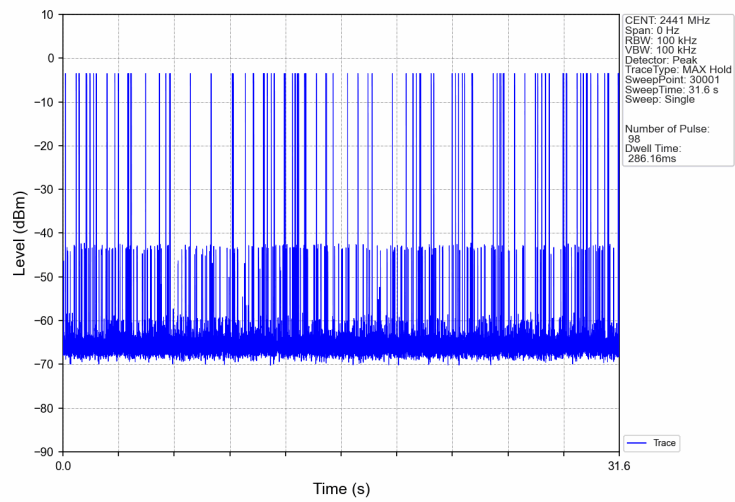
Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV



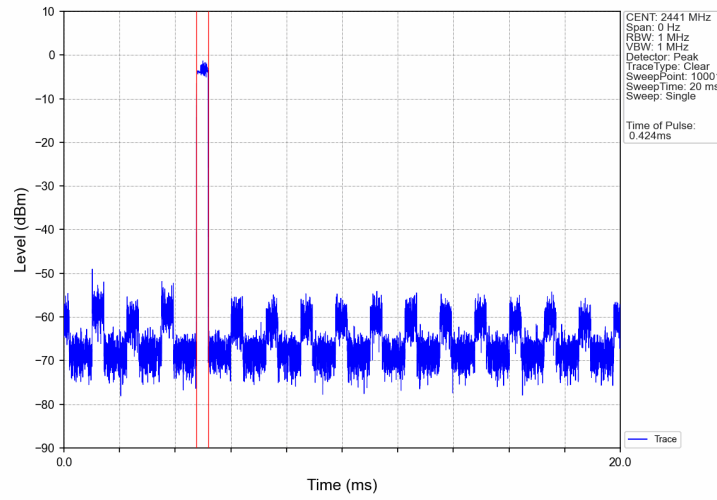
Pi/4DQPSK 2DH5 HOPP Ant1 NTV



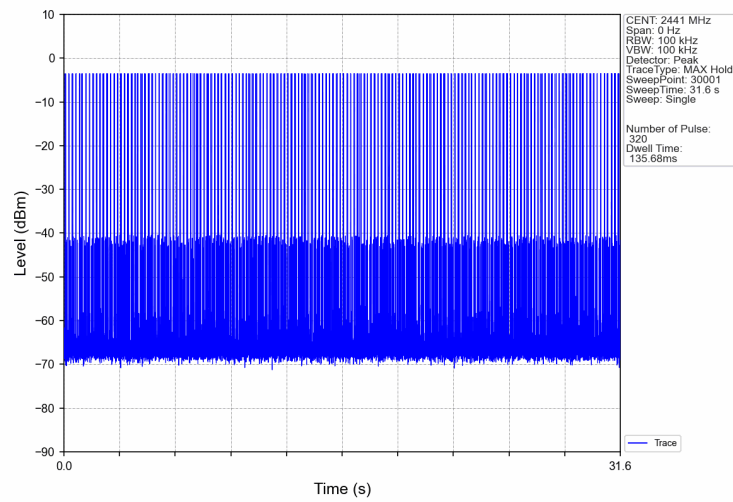
Pi/4DQPSK 2DH5 HOPP Ant1 NTV



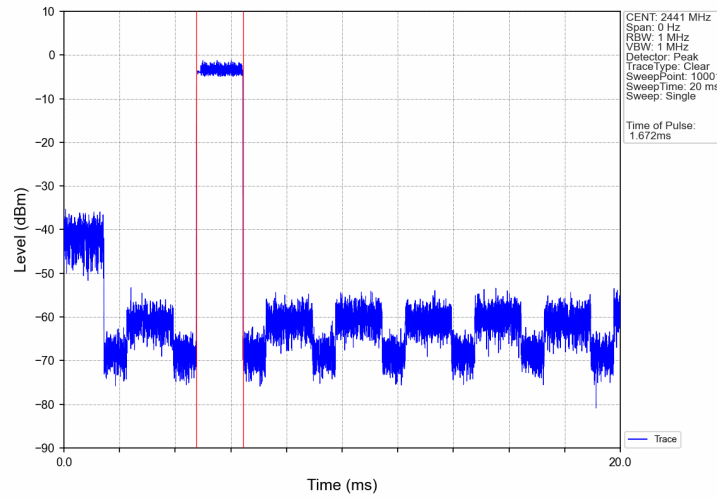
8DPSK 3DH1_HOPP_Ant1_NTNV



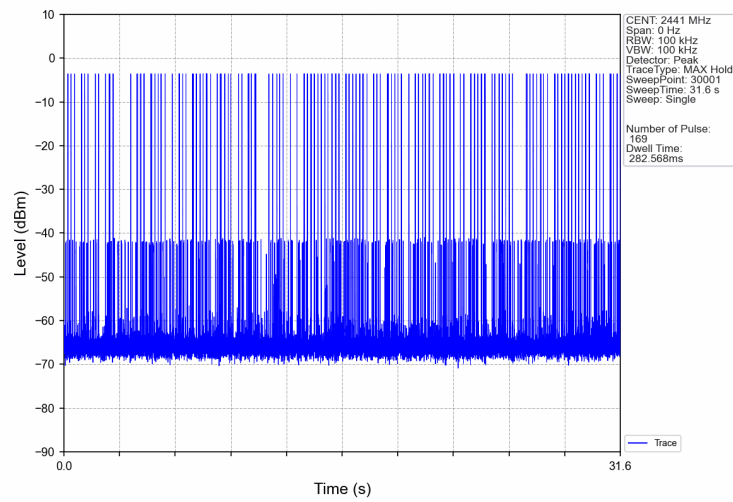
8DPSK 3DH1_HOPP_Ant1_NTNV



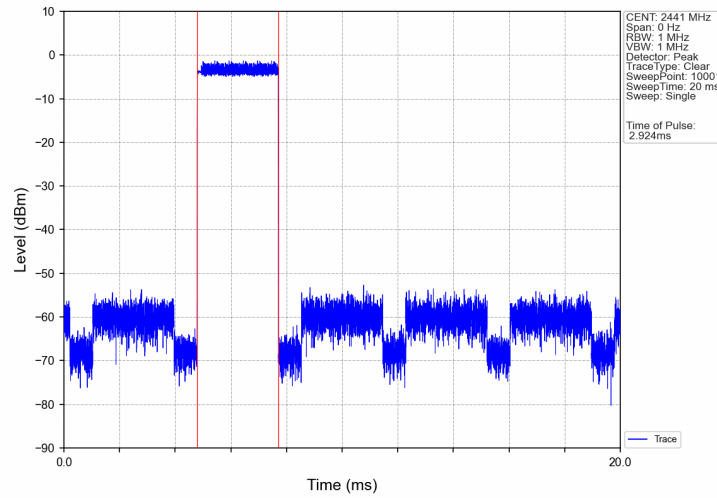
8DPSK 3DH3 HOPP_Ant1_NTNV



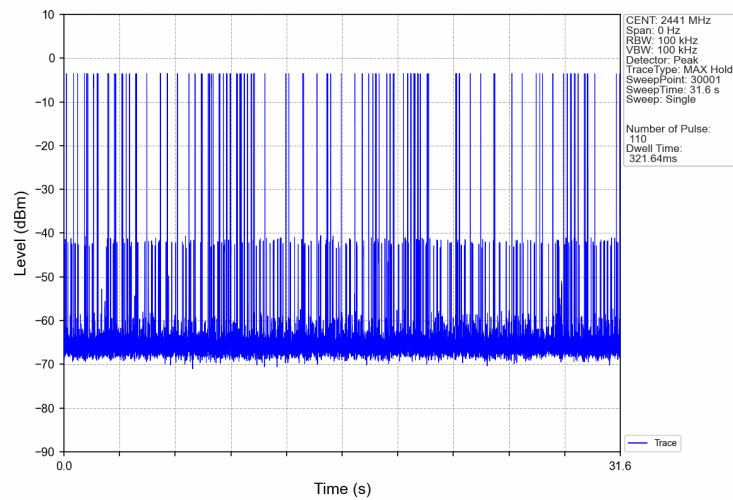
8DPSK 3DH3 HOPP_Ant1_NTNV



8DPSK 3DH5 HOPP_Ant1_NTNV



8DPSK 3DH5 HOPP_Ant1_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	6.94
		2441	DH5	1	5.82
		2480	DH5	1	5.47
		HOPP	DH5	1	6.94
					6.94
Pi/4DQPSK	SISO	2402	2DH5	1	6.78
		2441	2DH5	1	5.79
		2480	2DH5	1	-4.00
		HOPP	2DH5	1	-2.26
					-2.26
8DPSK	SISO	2402	3DH5	1	-2.40
		2441	3DH5	1	-3.59
		2480	3DH5	1	-4.16
		HOPP	3DH5	1	-2.28
					-2.28

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

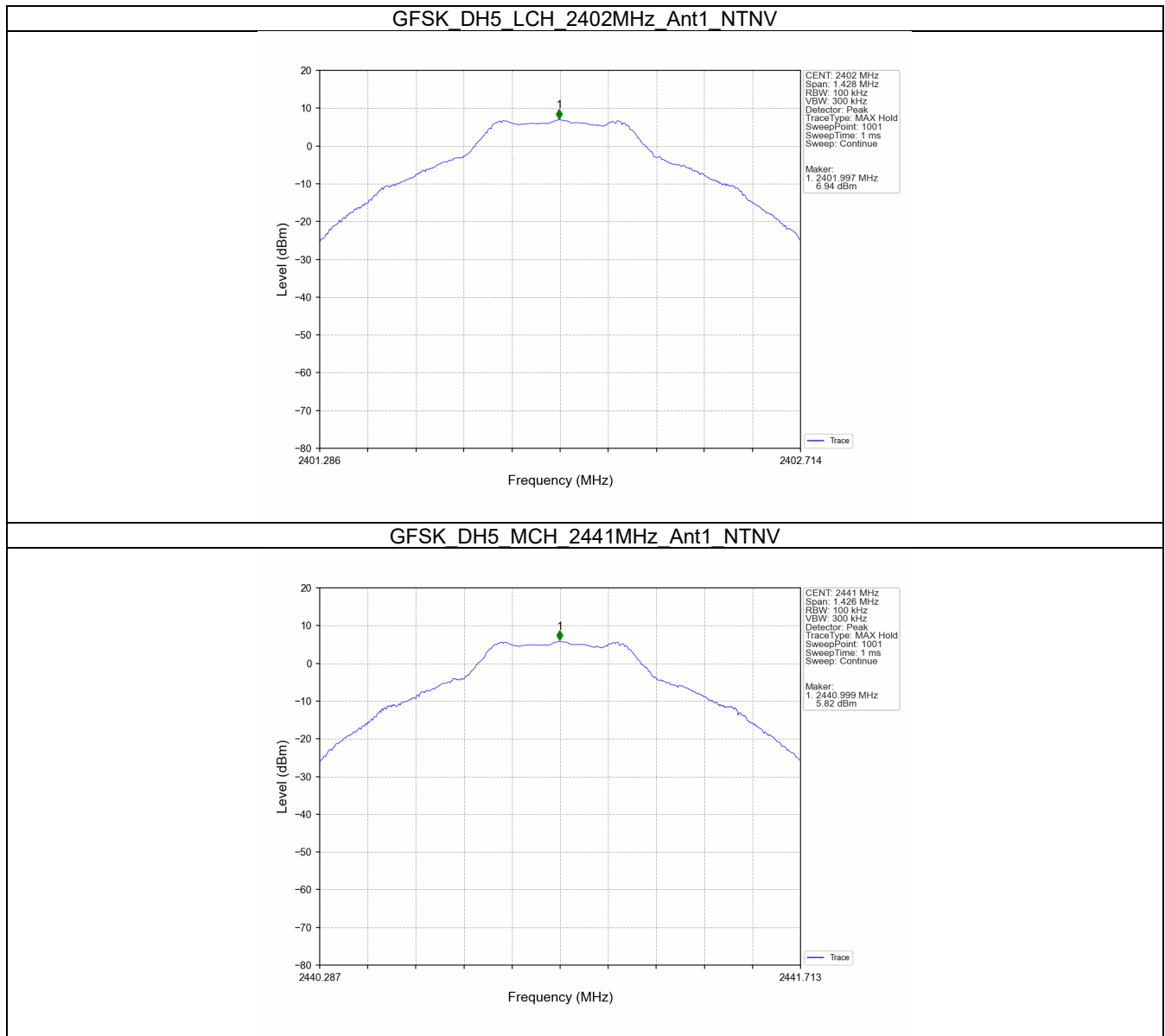
6.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	6.94	-13.06	Pass
		2441	DH5	1	5.82	-14.18	Pass
		2480	DH5	1	5.47	-14.53	Pass
		HOPP	DH5	1	6.94	-13.06	Pass
					6.94	-13.06	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	6.78	-13.22	Pass
		2441	2DH5	1	5.79	-14.21	Pass
		2480	2DH5	1	-4.00	-24.00	Pass
		HOPP	2DH5	1	-2.26	-22.26	Pass
					-2.26	-22.26	Pass
8DPSK	SISO	2402	3DH5	1	-2.40	-22.40	Pass
		2441	3DH5	1	-3.59	-23.59	Pass
		2480	3DH5	1	-4.16	-24.16	Pass
		HOPP	3DH5	1	-2.28	-22.28	Pass
					-2.28	-22.28	Pass

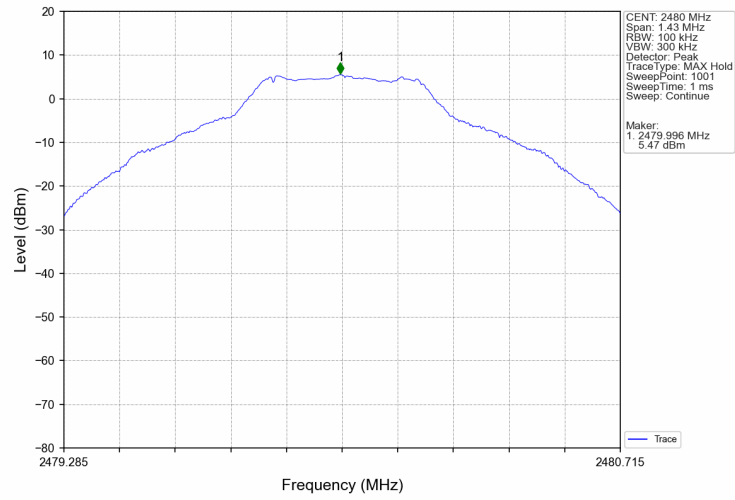
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

6.2 Test Graph

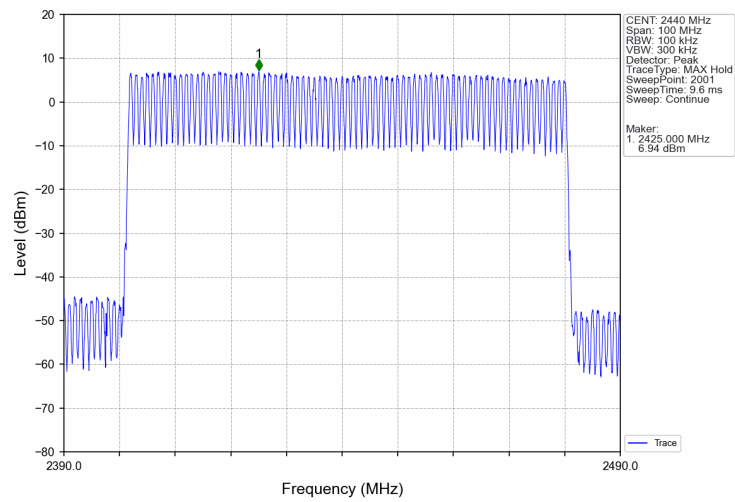
6.2.1 Ref



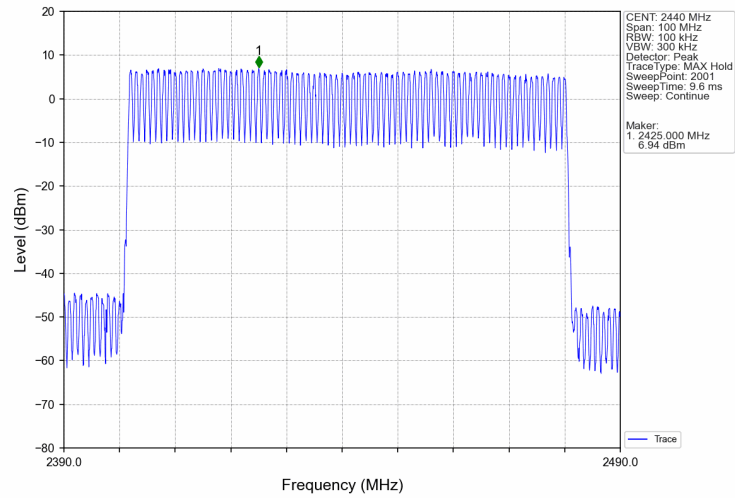
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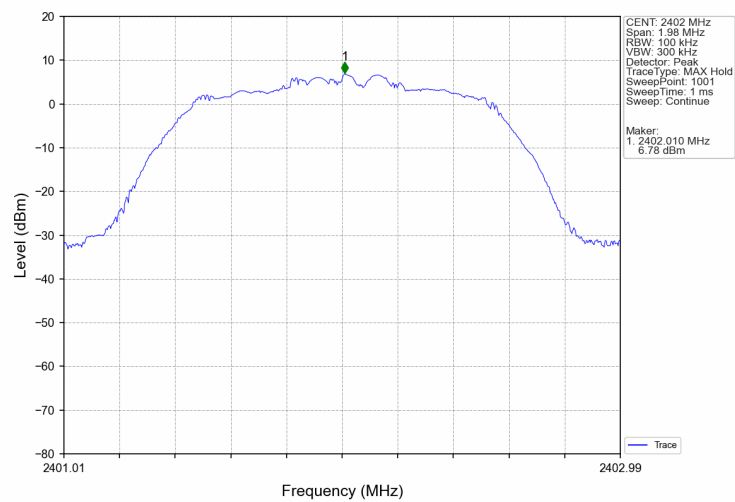
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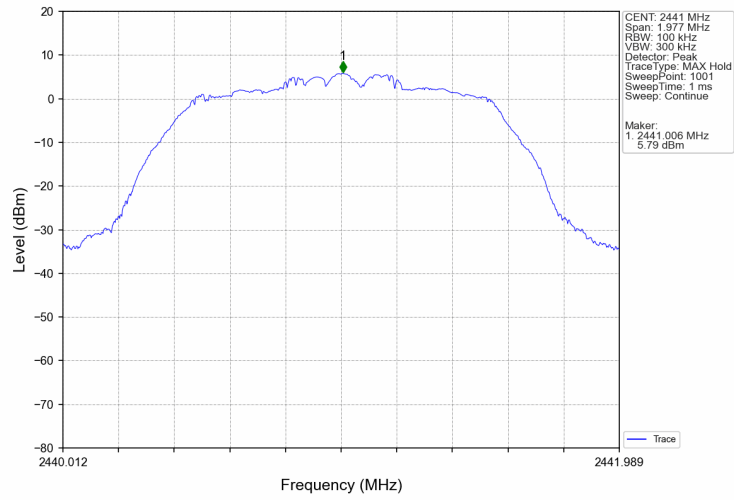
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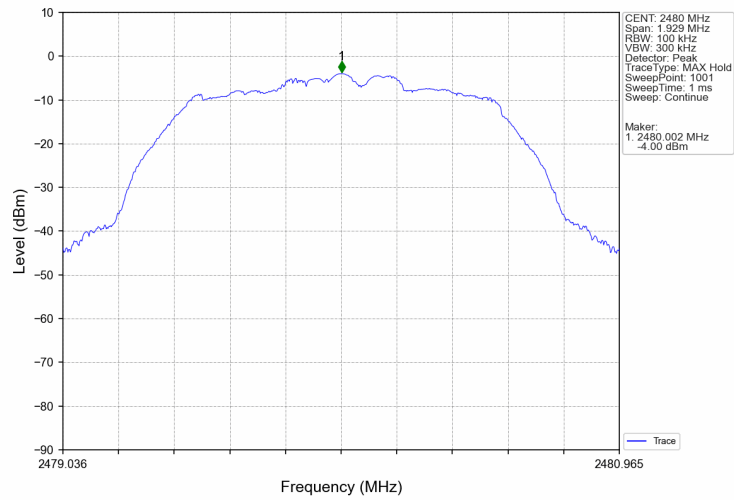
Pi/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



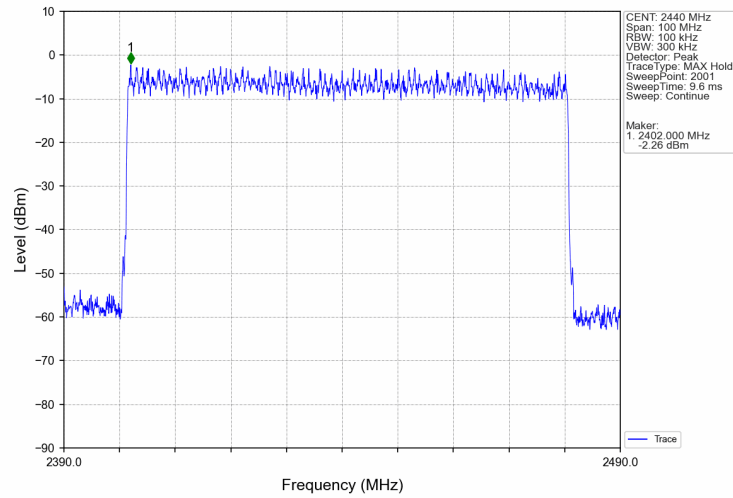
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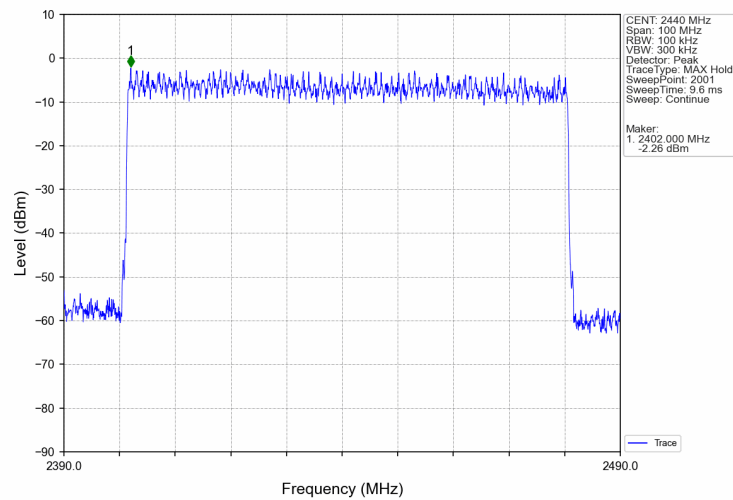
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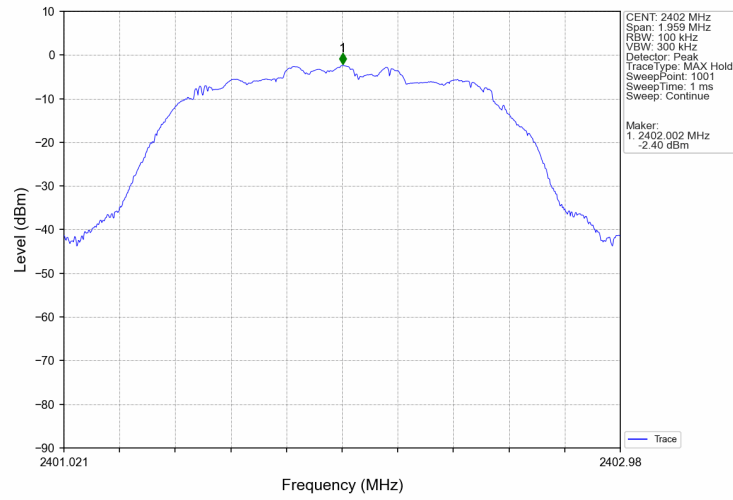
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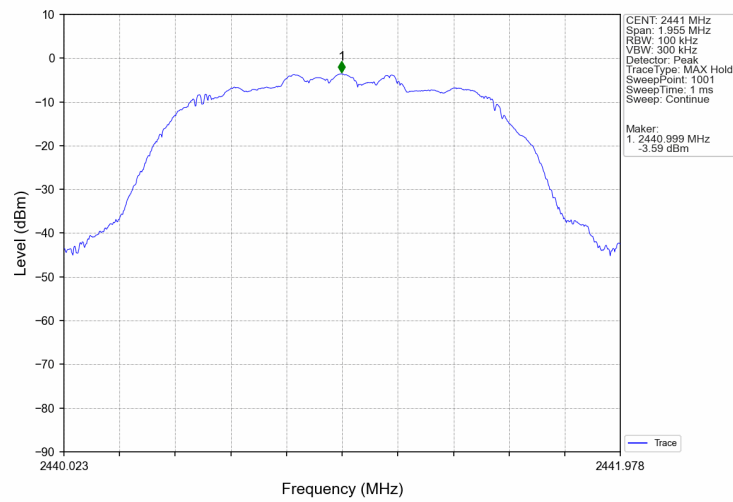
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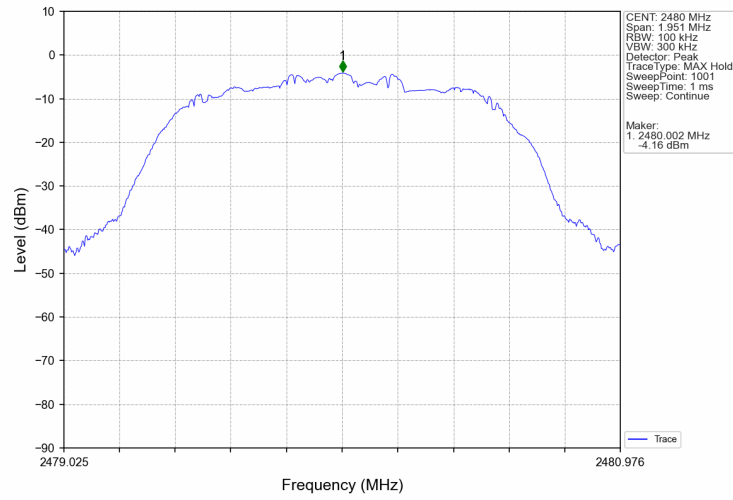
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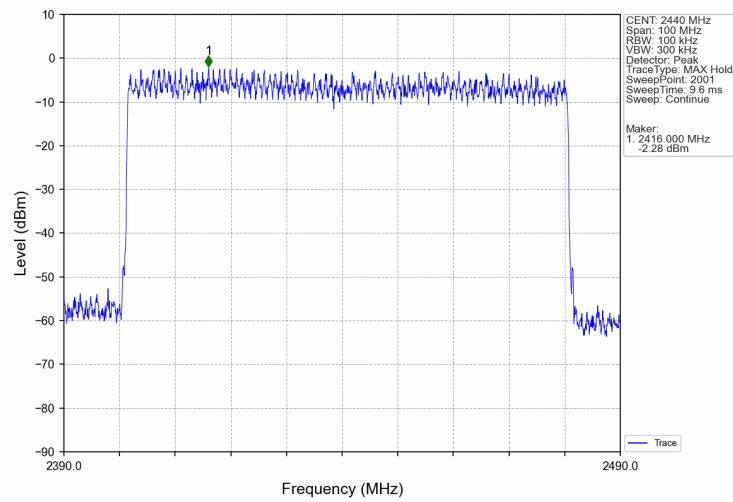
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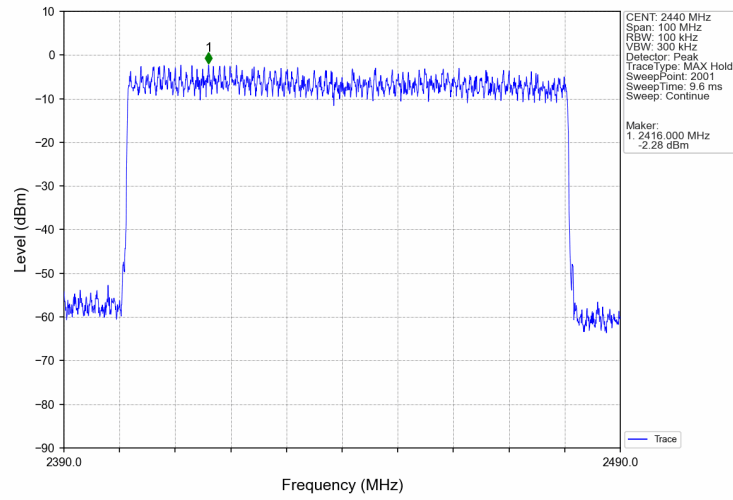
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8DPSK 3DH5_HOPP_Ant1_NTNV

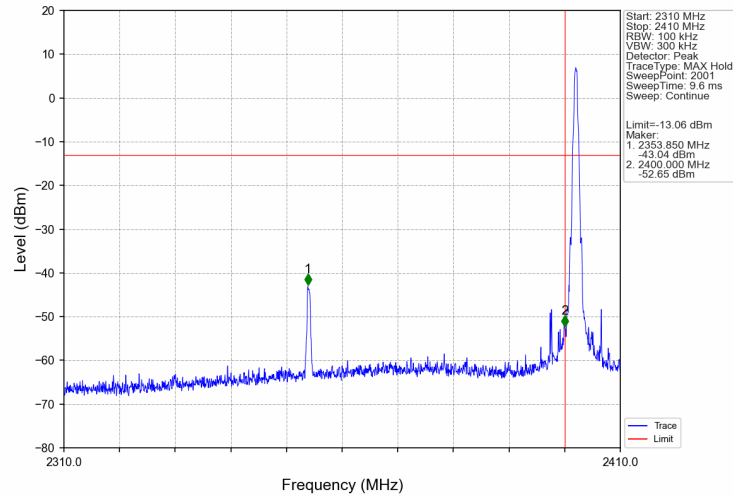


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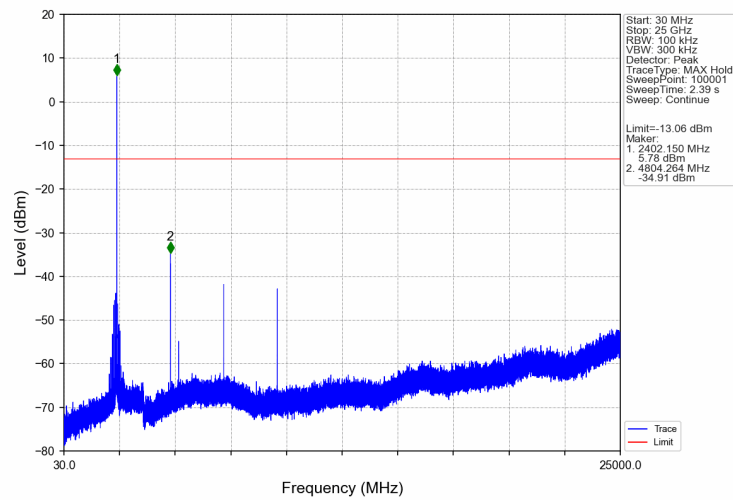


6.2.2 CSE

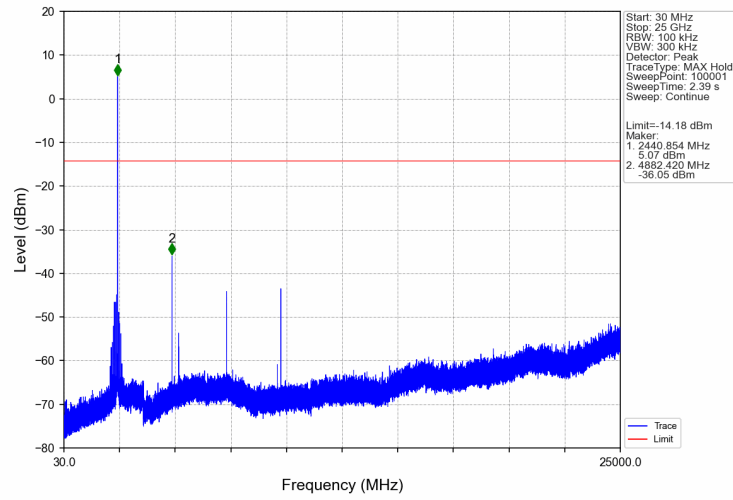
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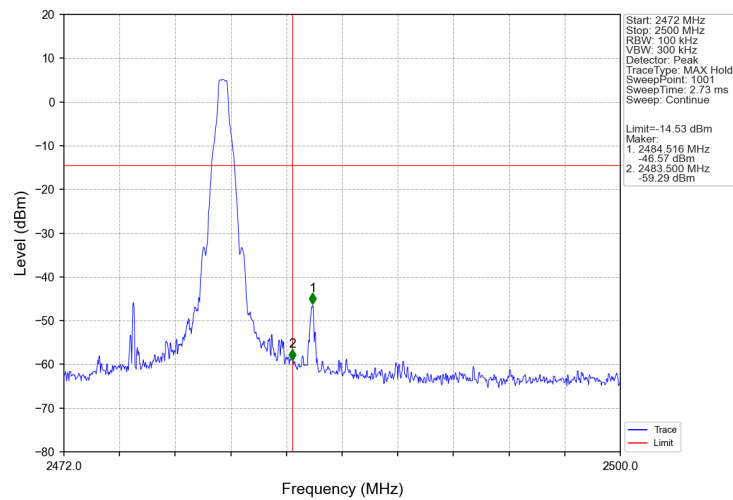
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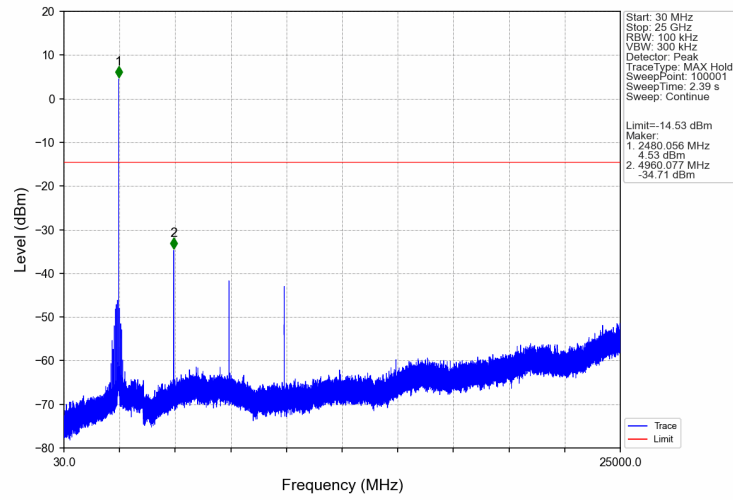
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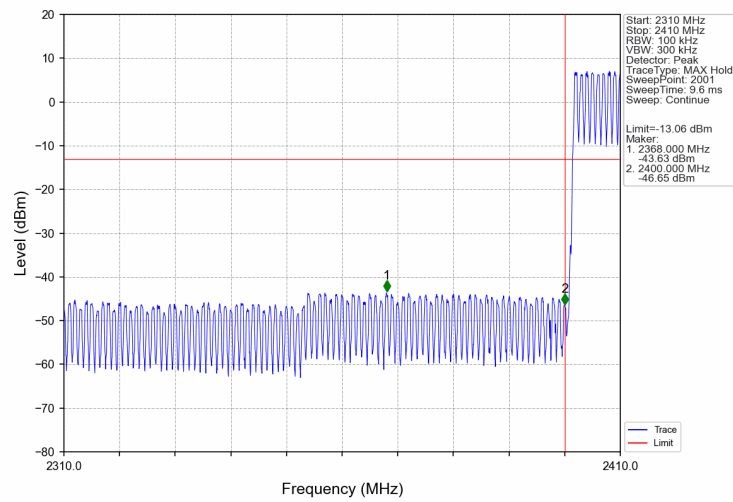
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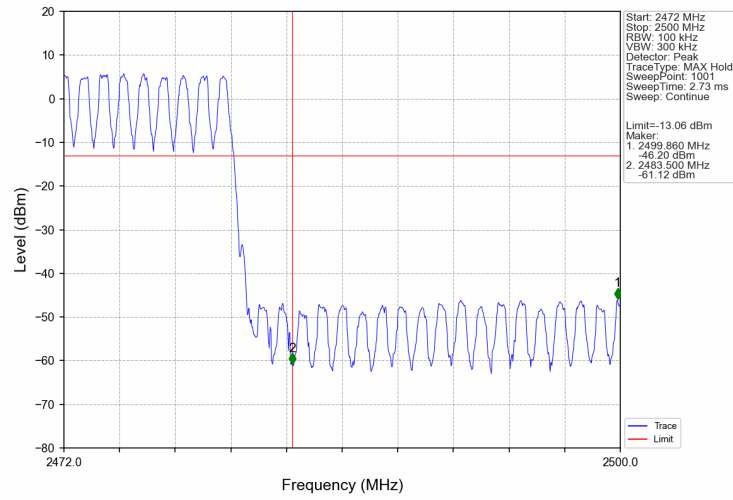
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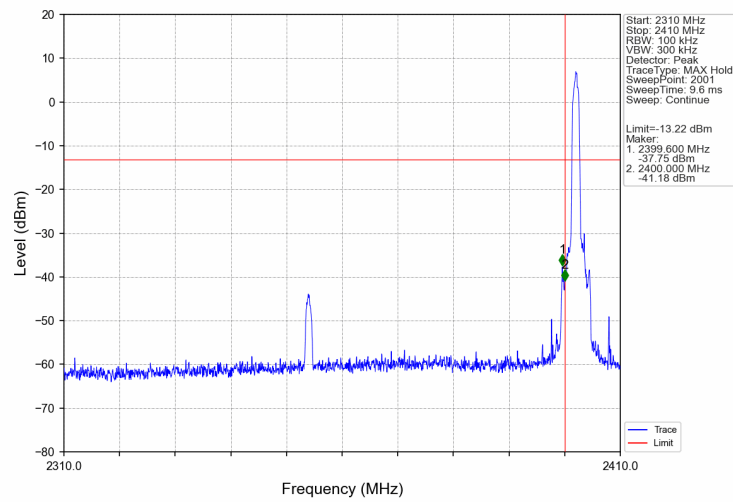
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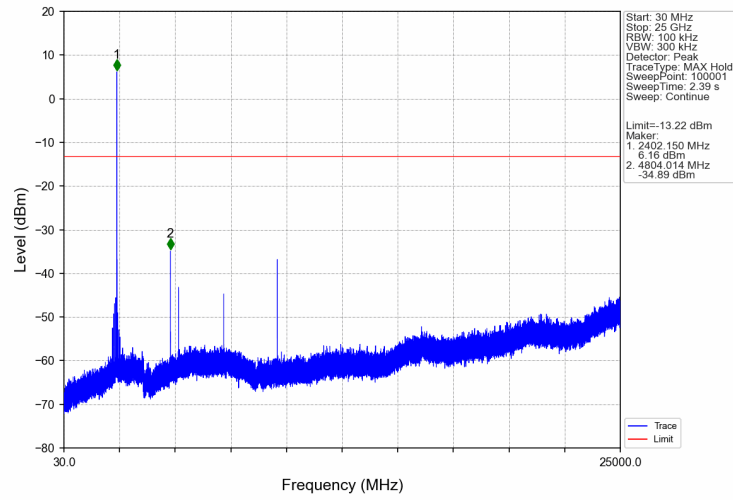
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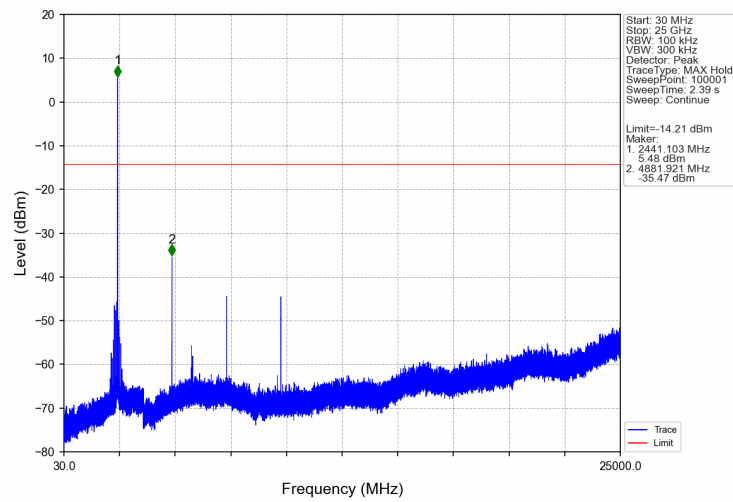
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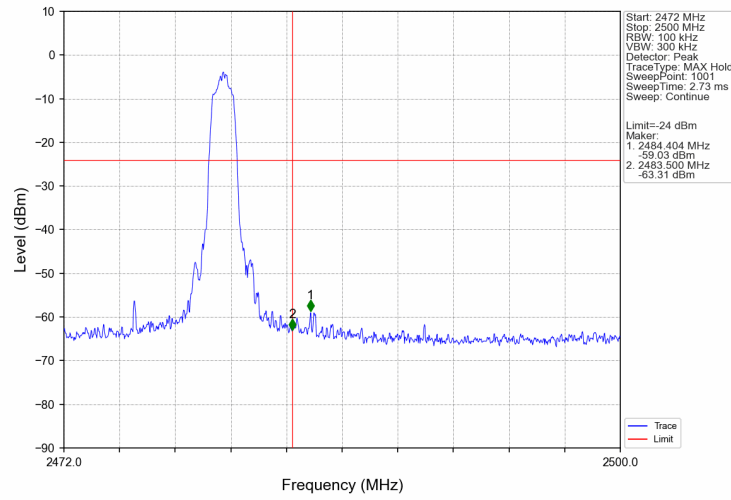
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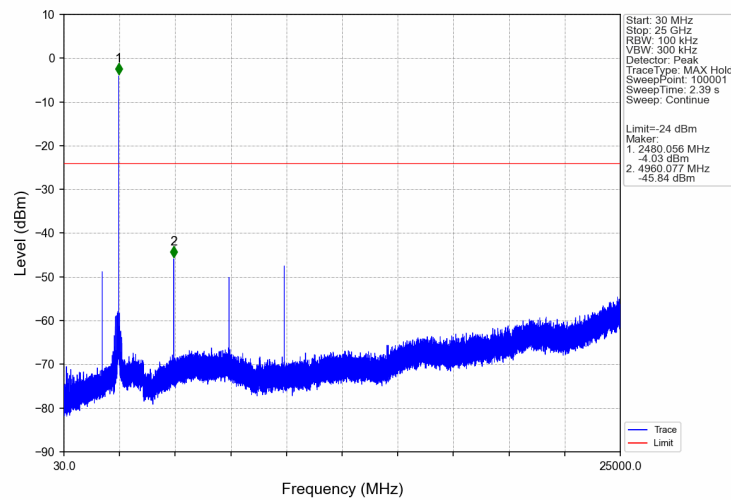
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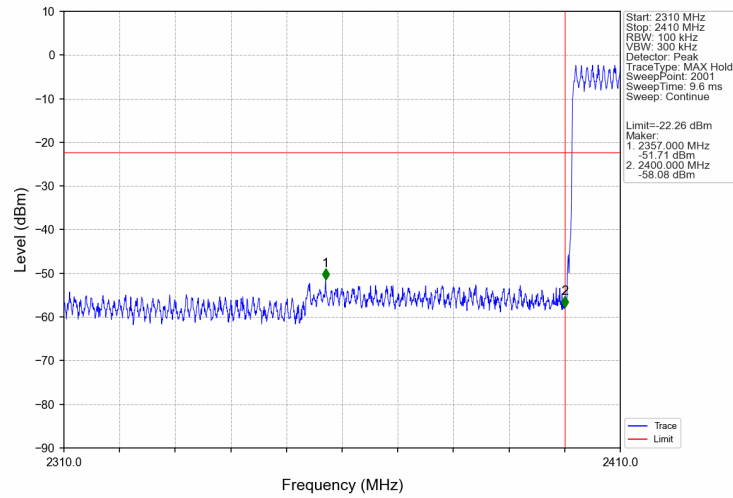
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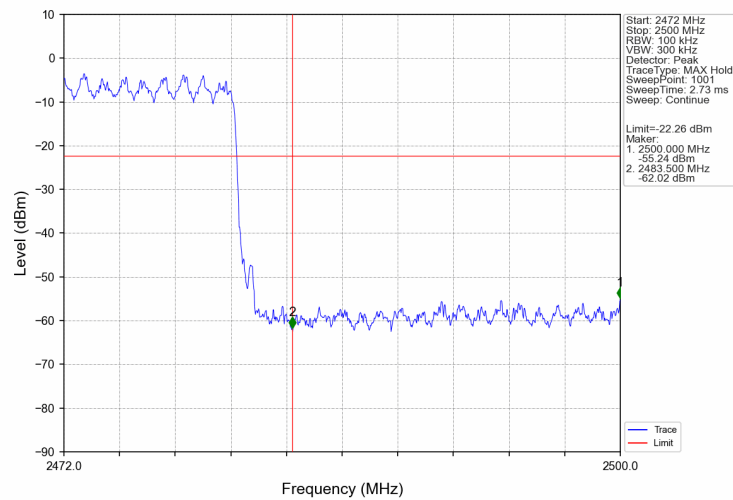
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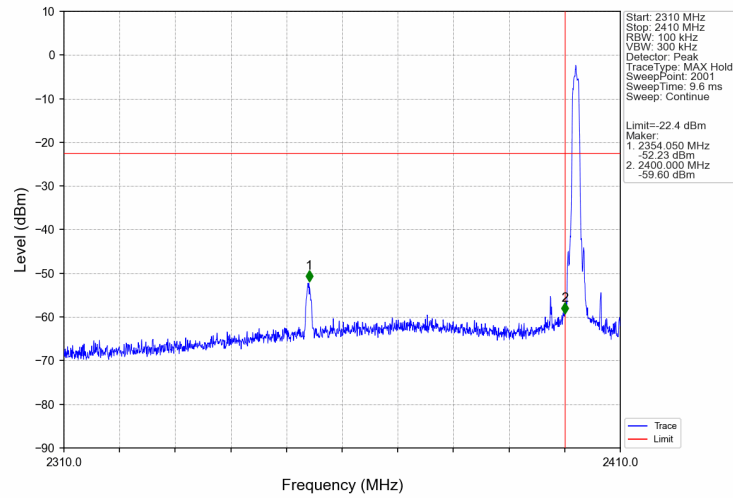
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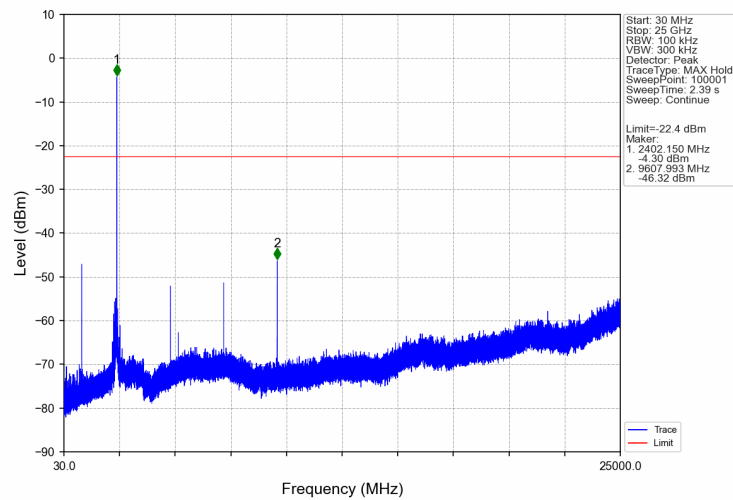
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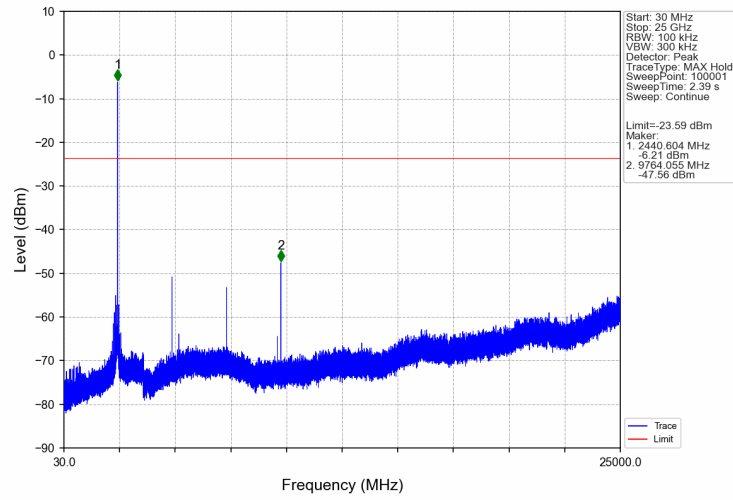
8DPSK 3DH5 LCH 2402MHz Ant1 NTV



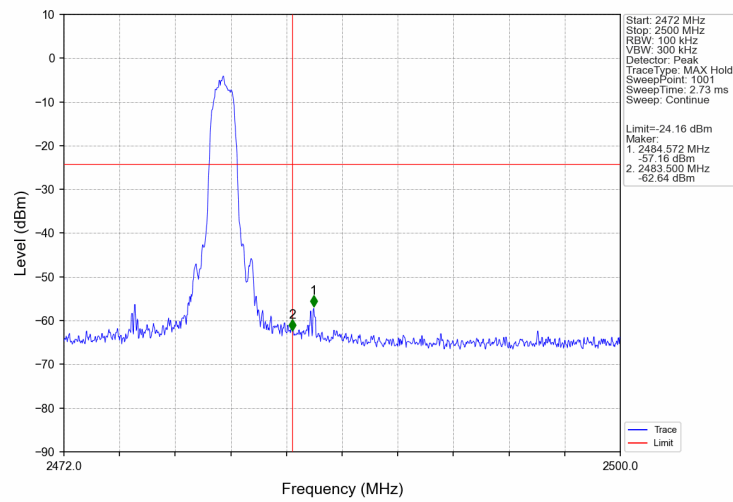
8DPSK 3DH5 LCH 2402MHz Ant1 NTV



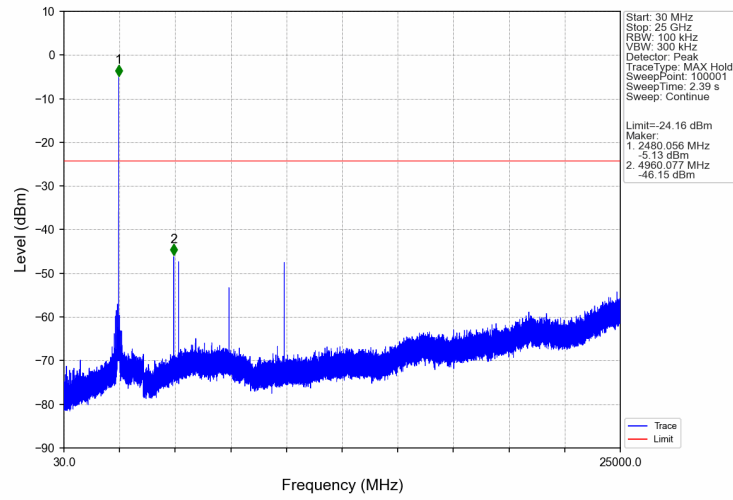
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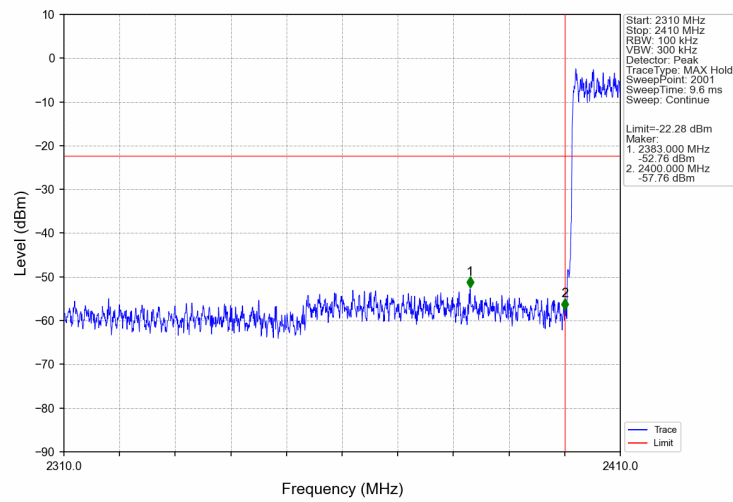
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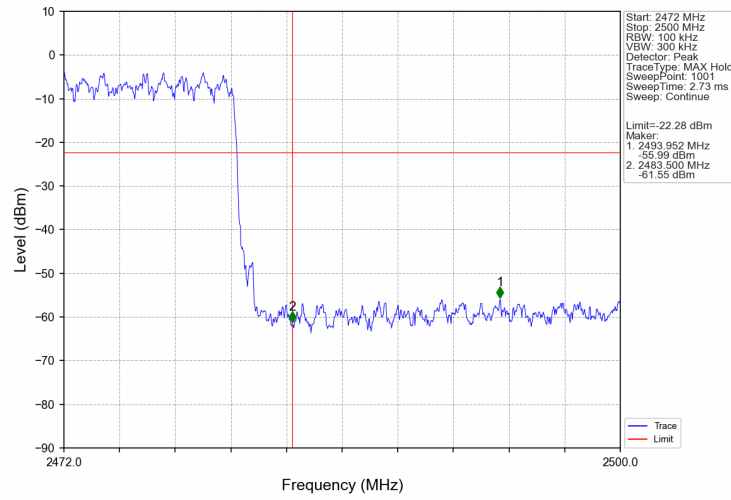
8DPSK 3DH5_HCH 2480MHz Ant1_NTNV



8DPSK 3DH5_HOPP_Ant1_NTNV



8DPSK 3DH5 HOPP Ant1 NTVN



7. Form731

7.1 Test Result

7.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0023	3.53