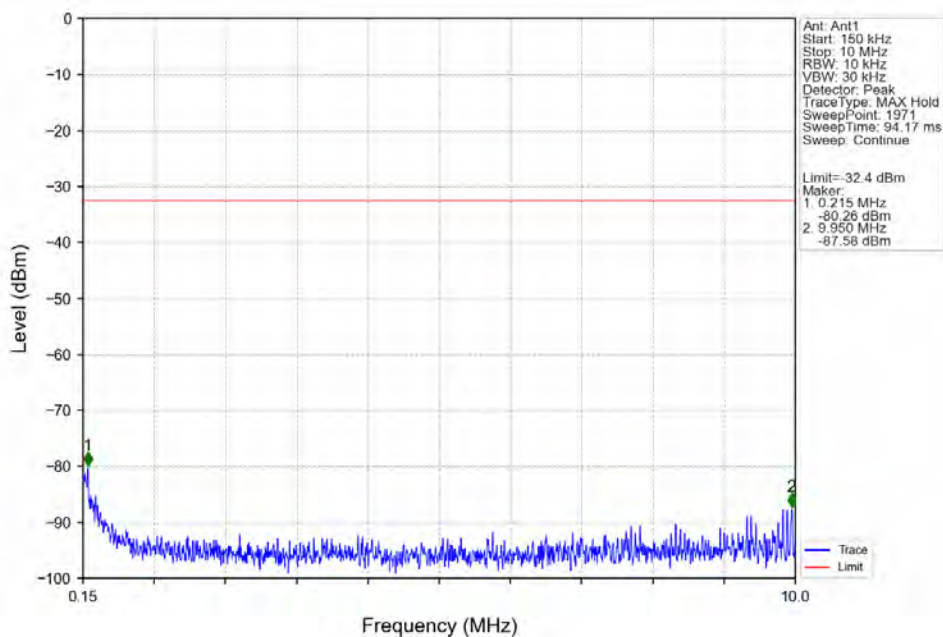
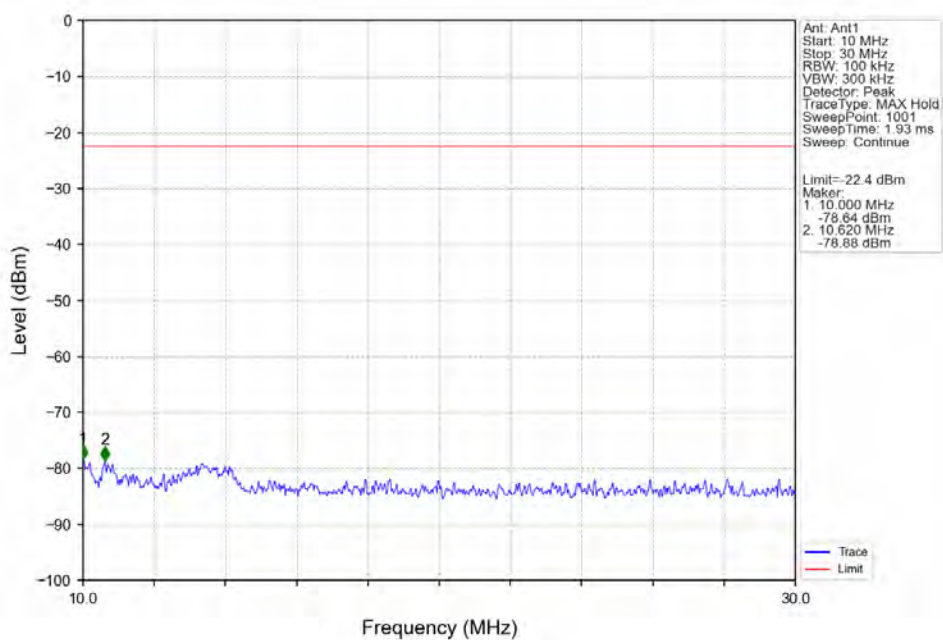


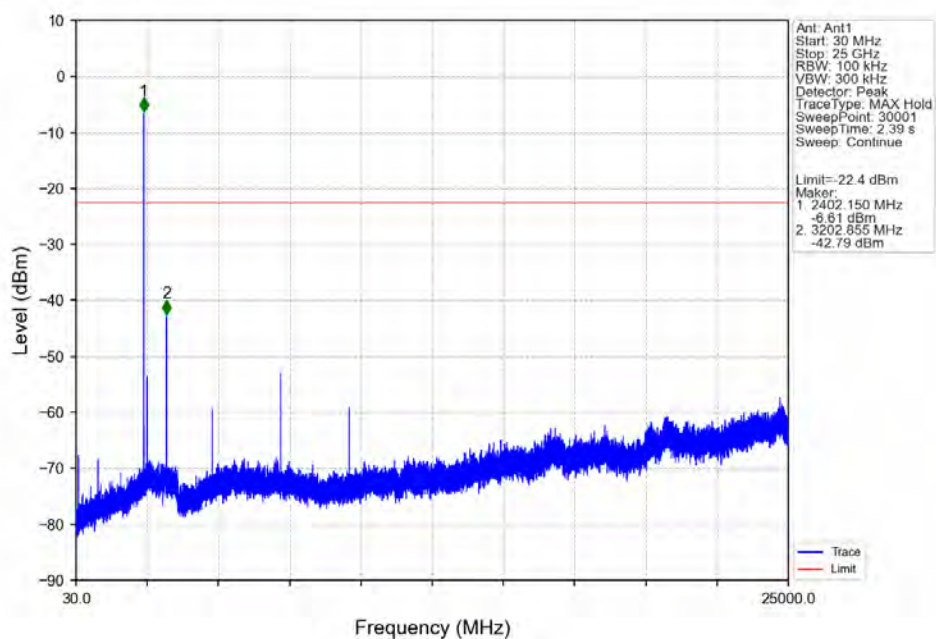
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



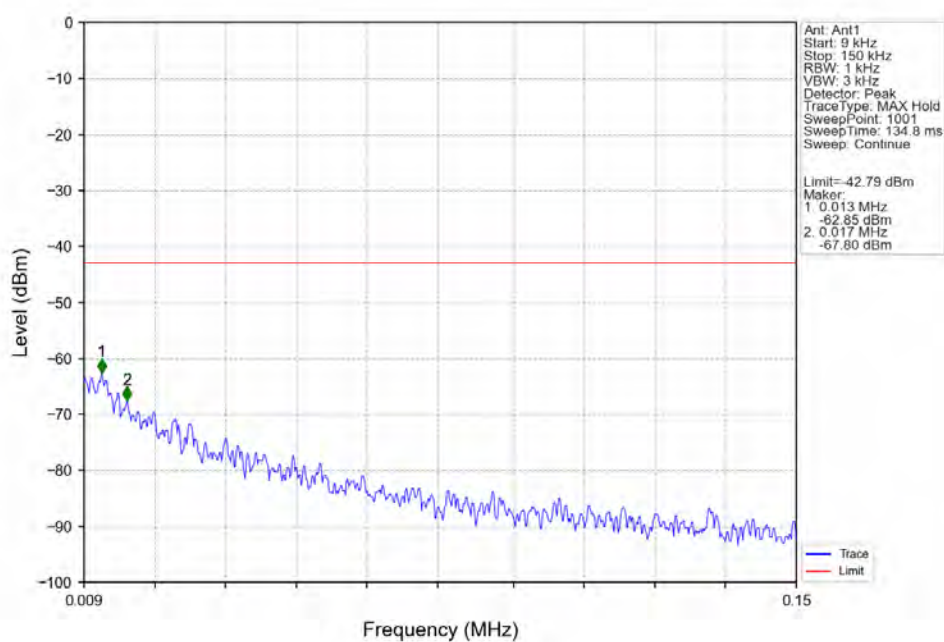
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



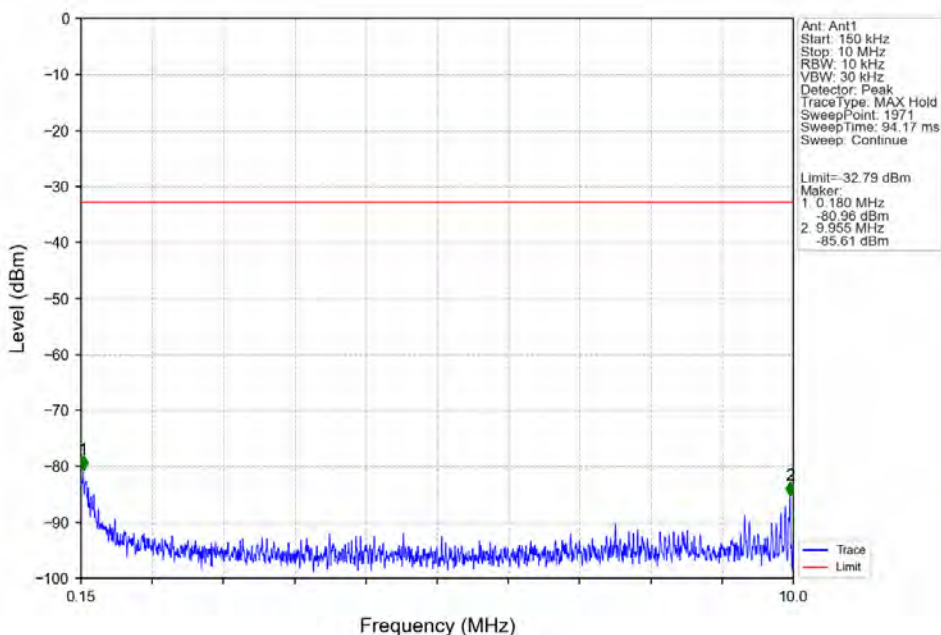
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



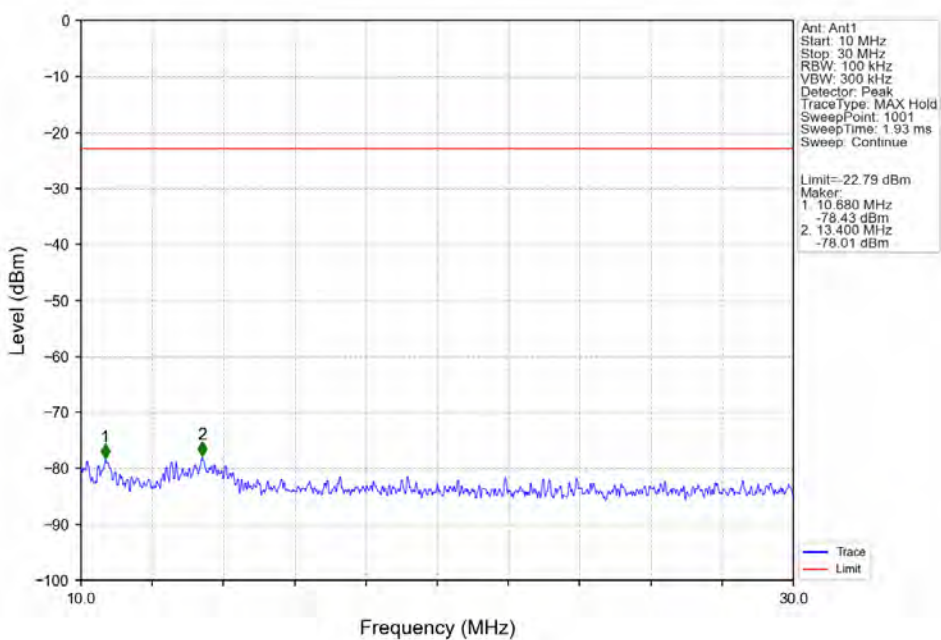
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



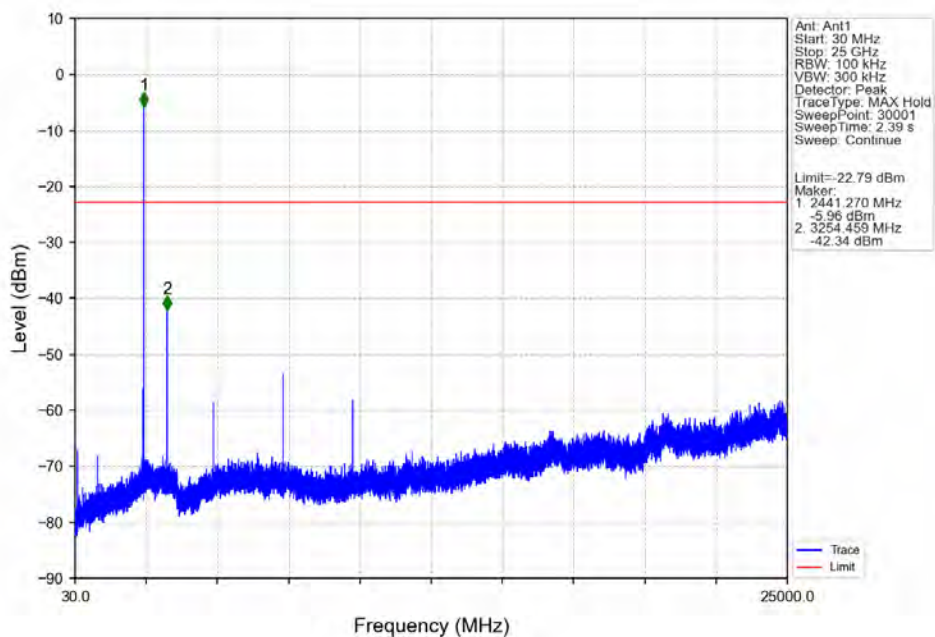
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



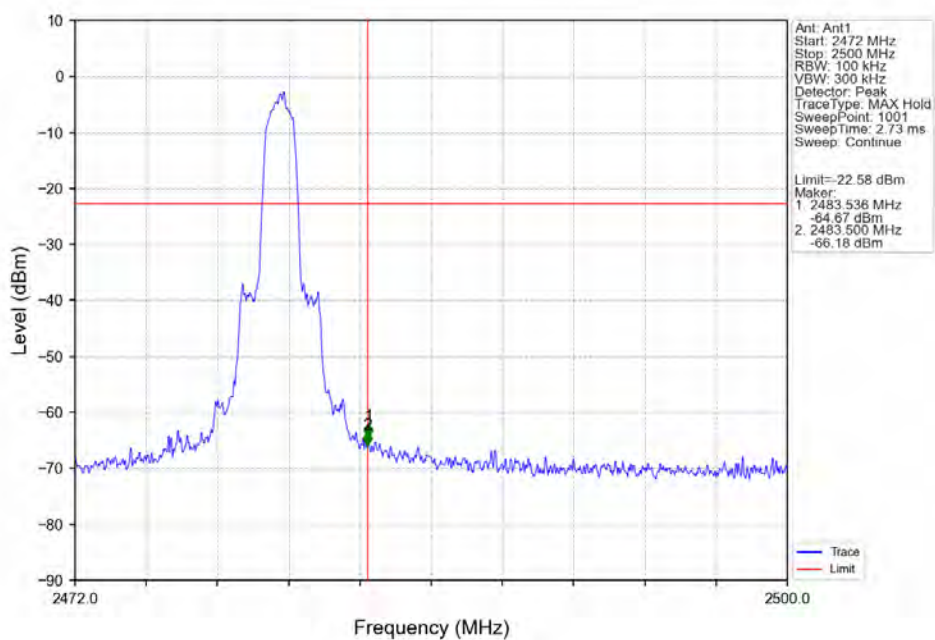
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



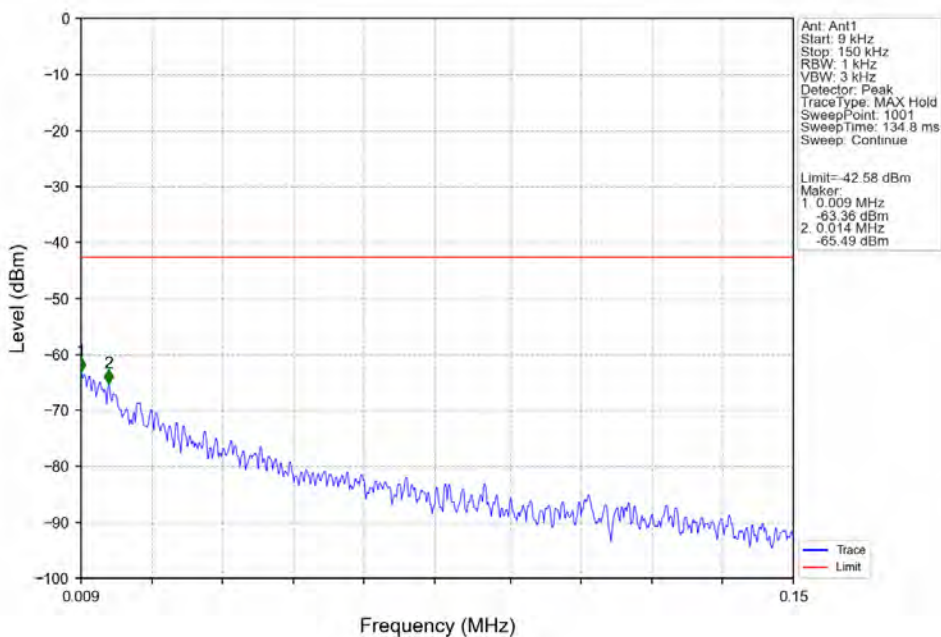
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



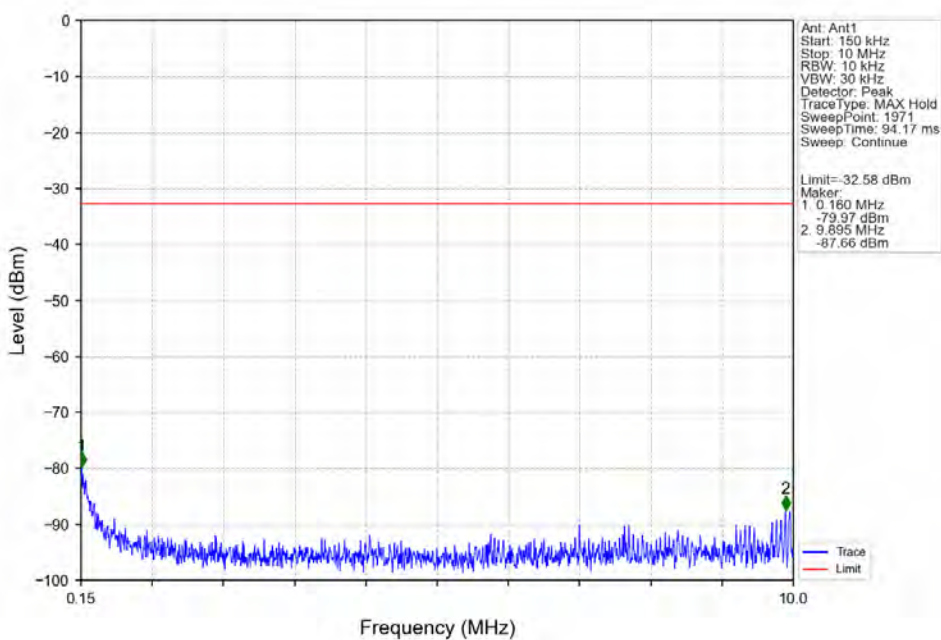
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



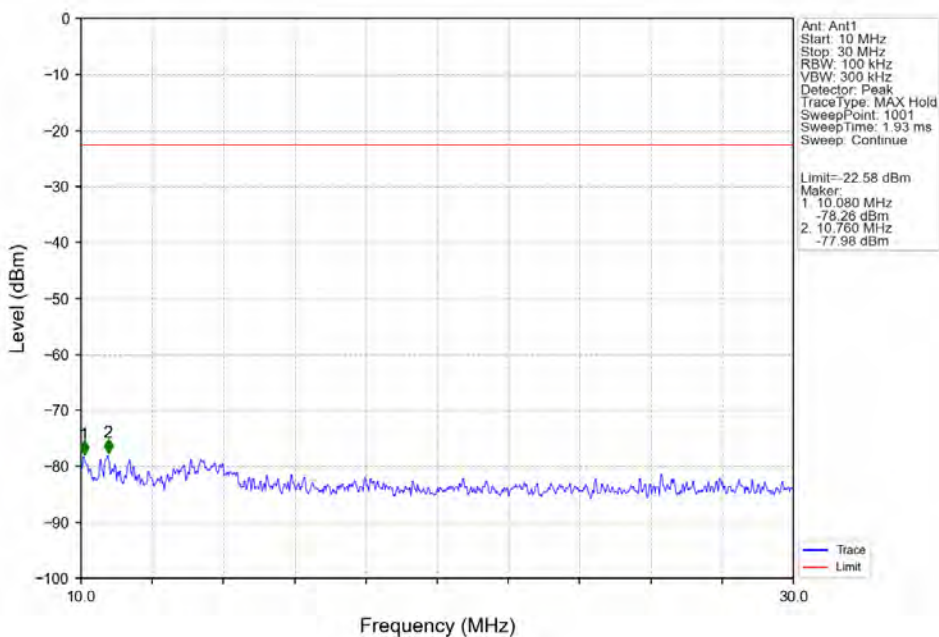
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



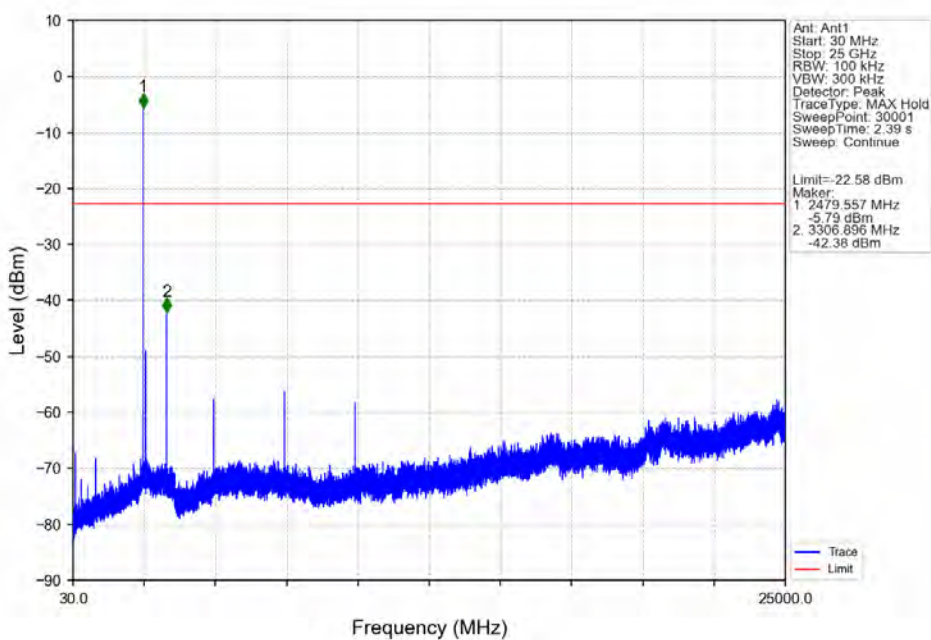
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



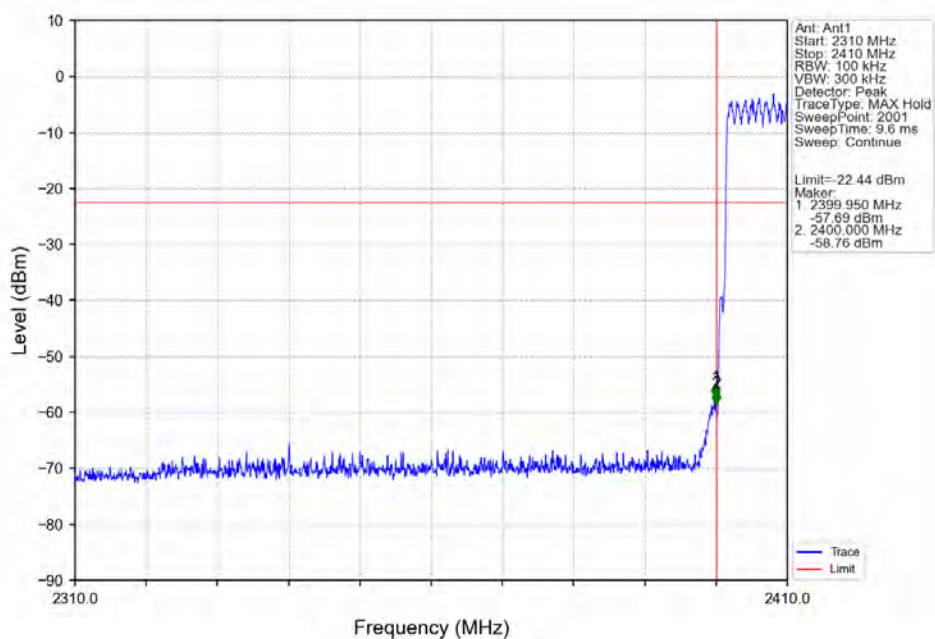
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



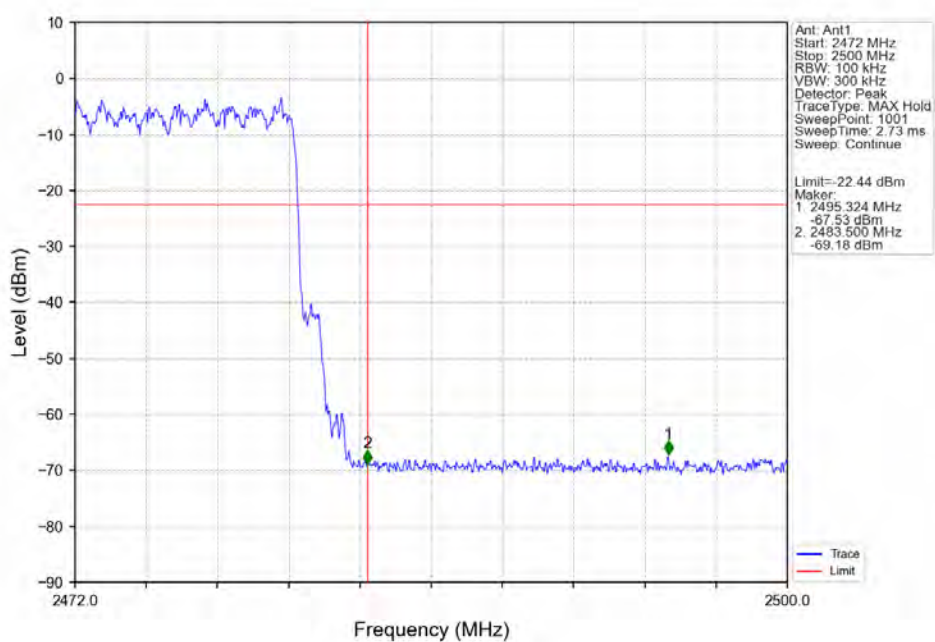
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



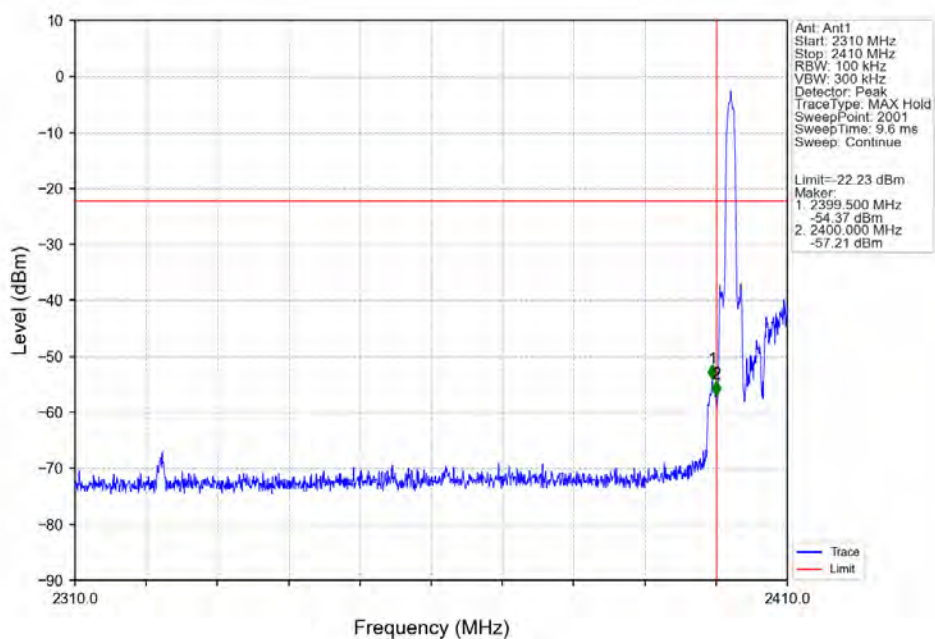
π /4DQPSK_2DH5_HOPP_Ant1_NTNV



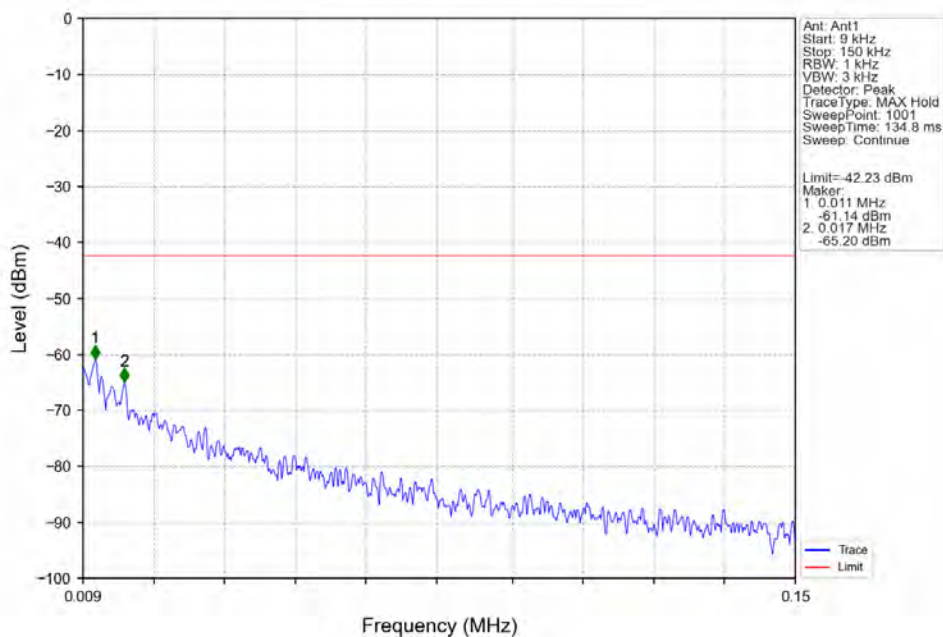
π /4DQPSK_2DH5_HOPP_Ant1_NTNV



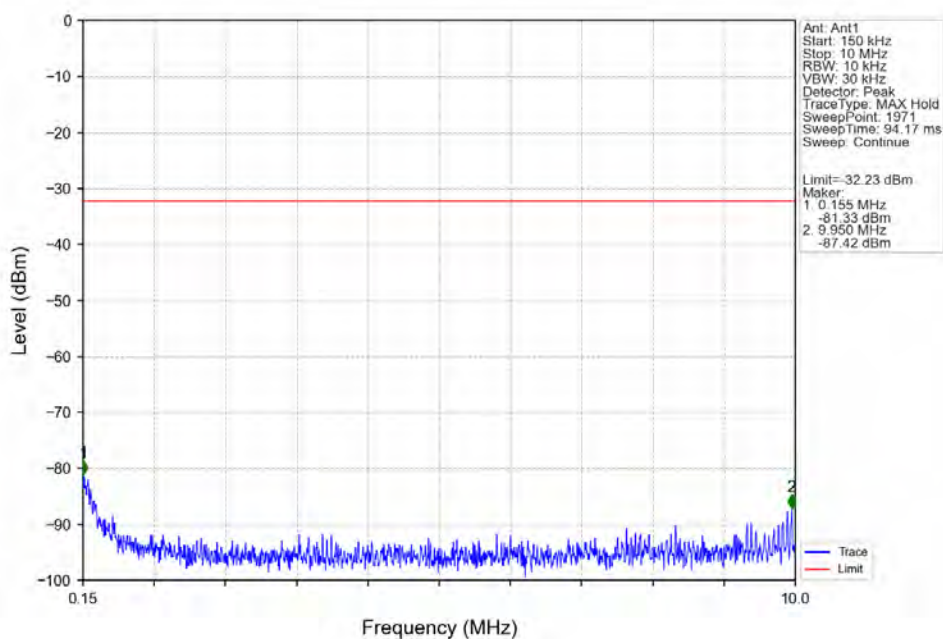
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



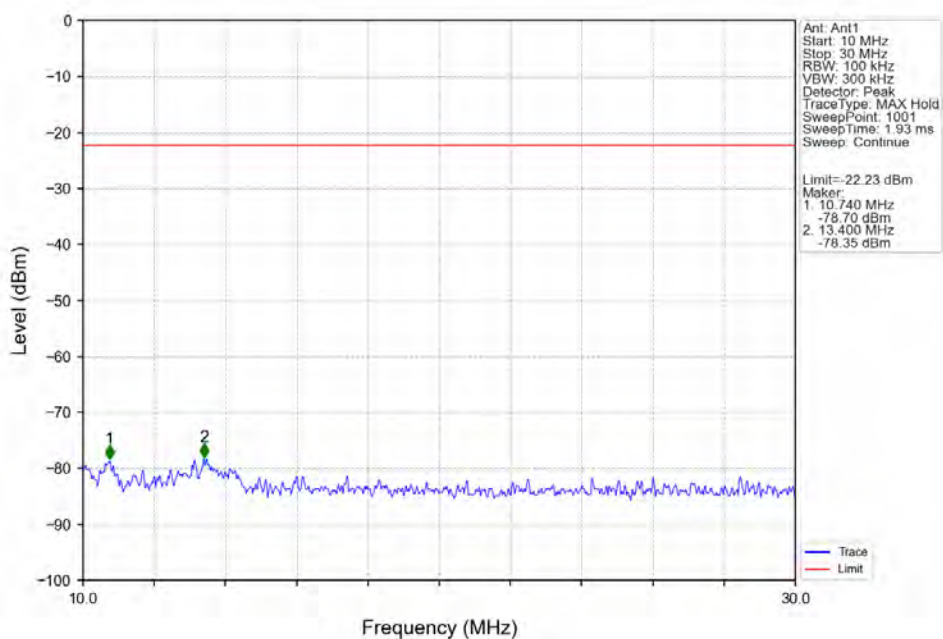
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



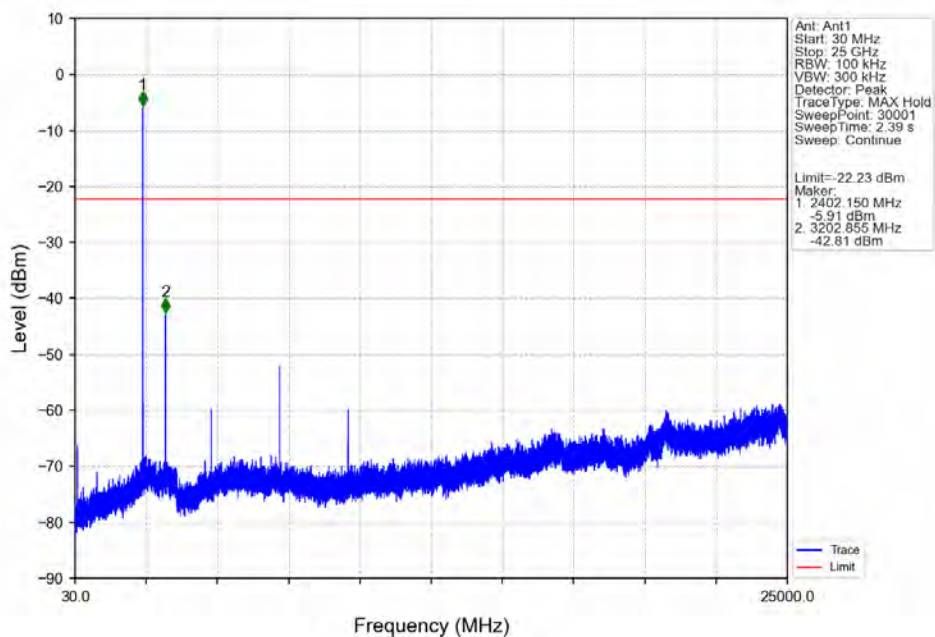
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



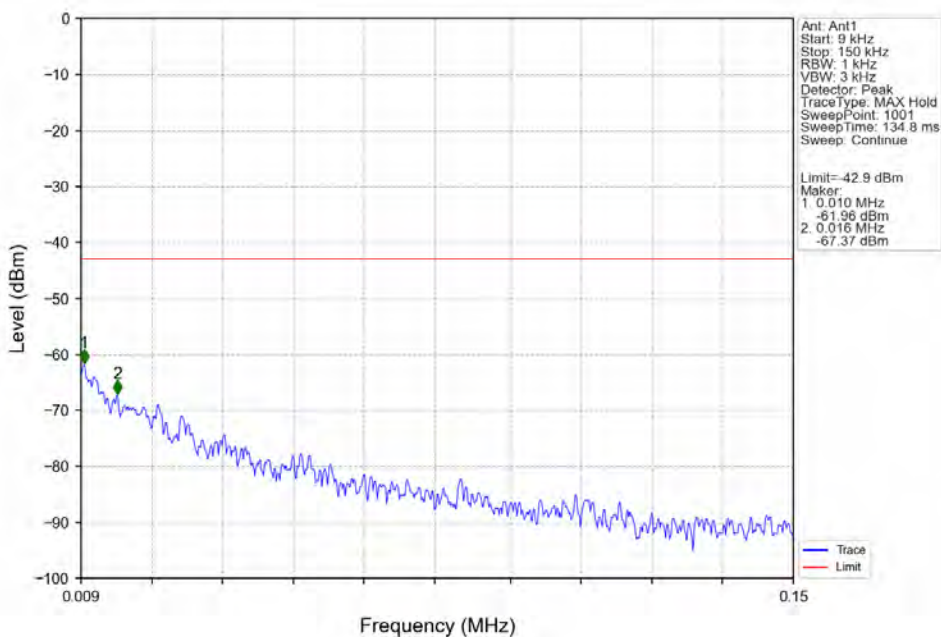
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



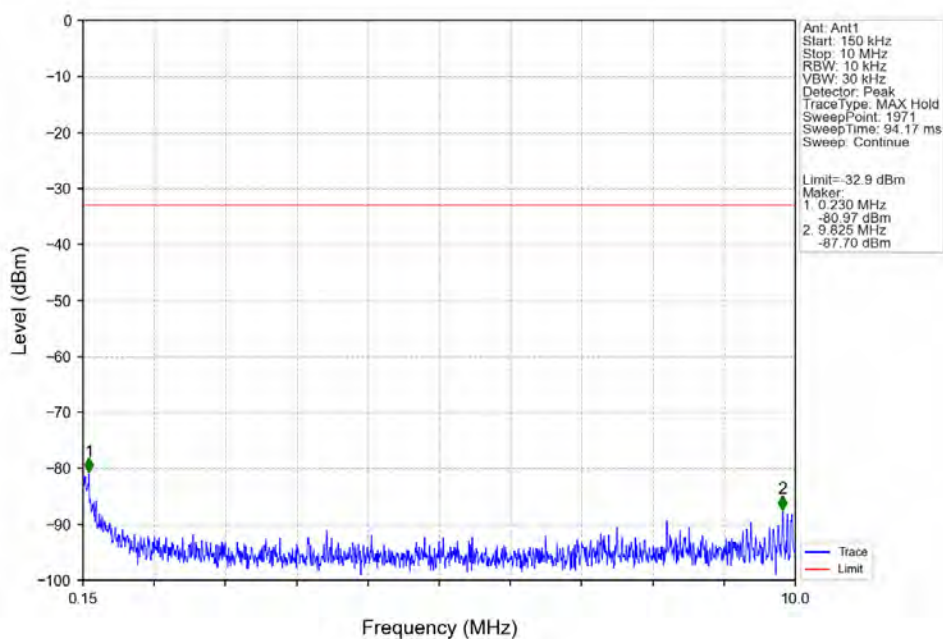
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



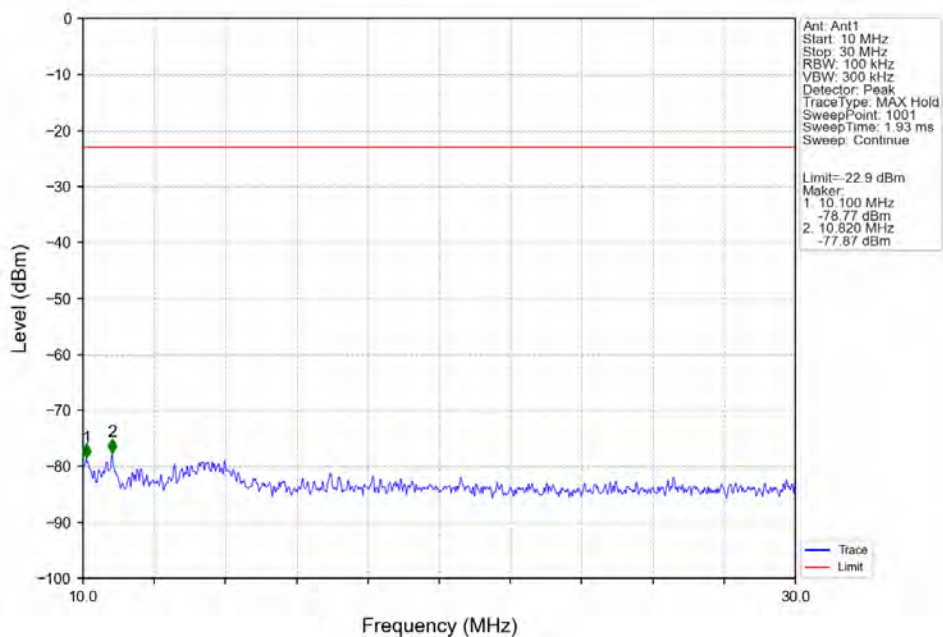
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



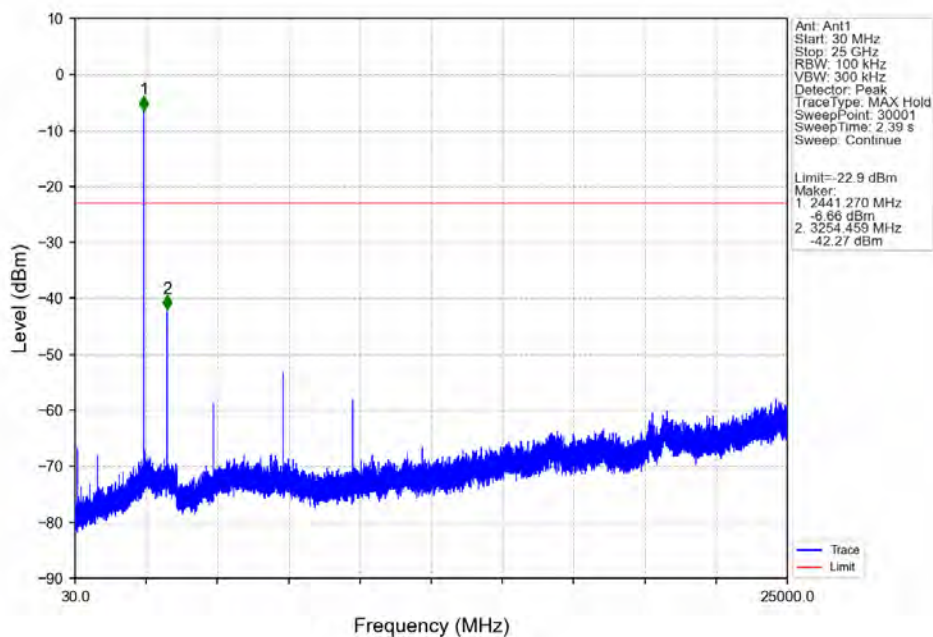
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



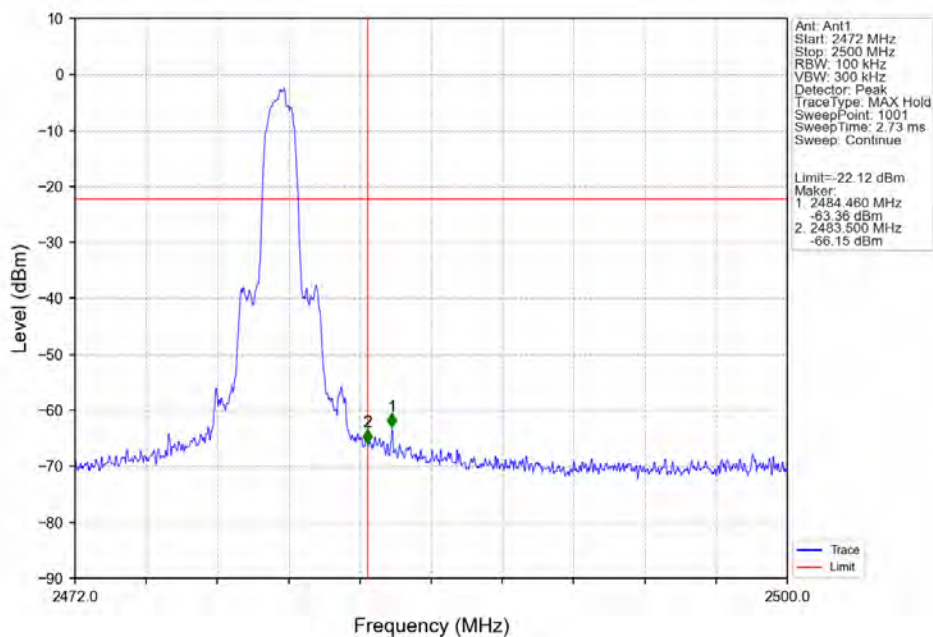
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



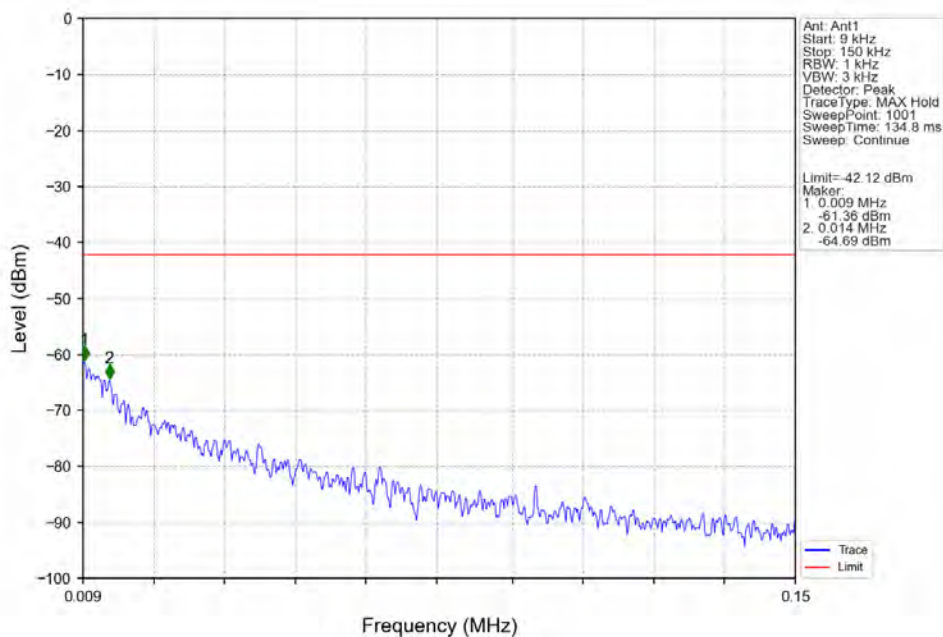
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



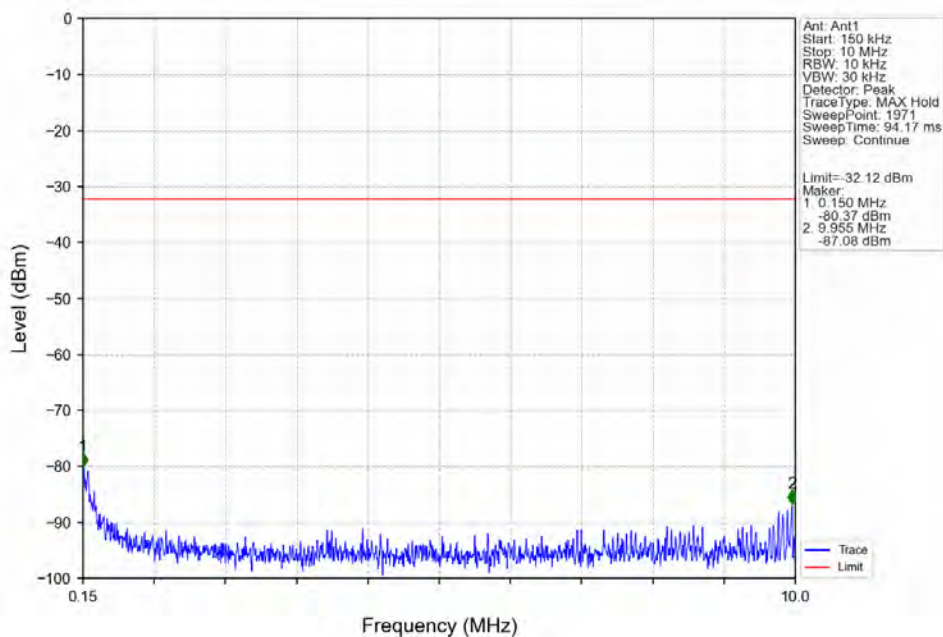
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



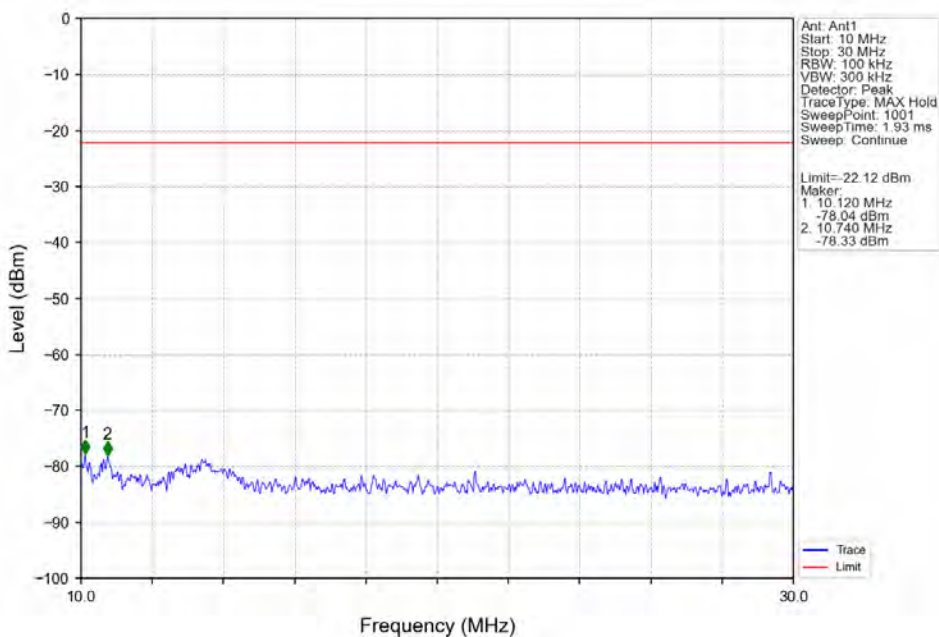
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



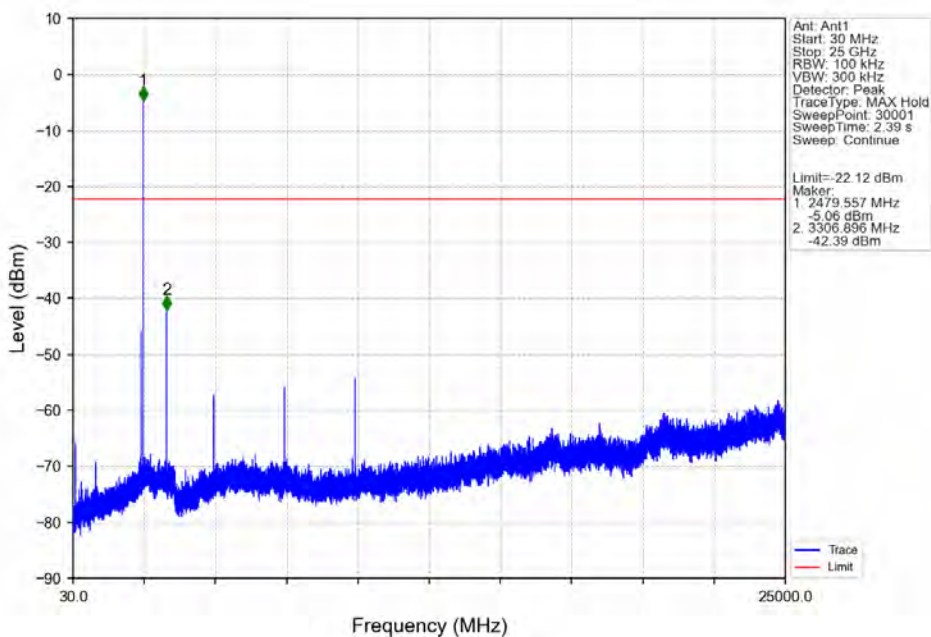
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



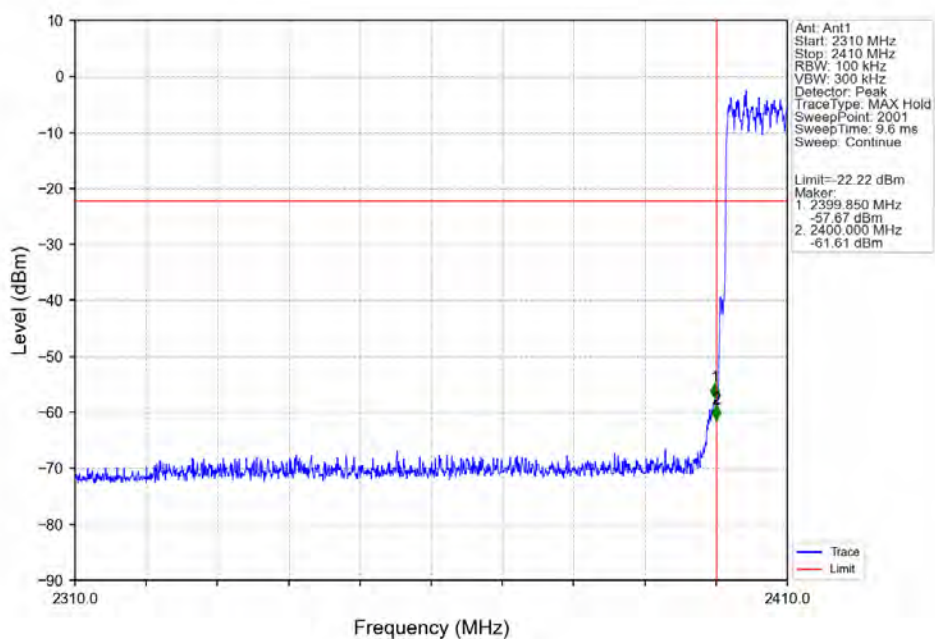
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



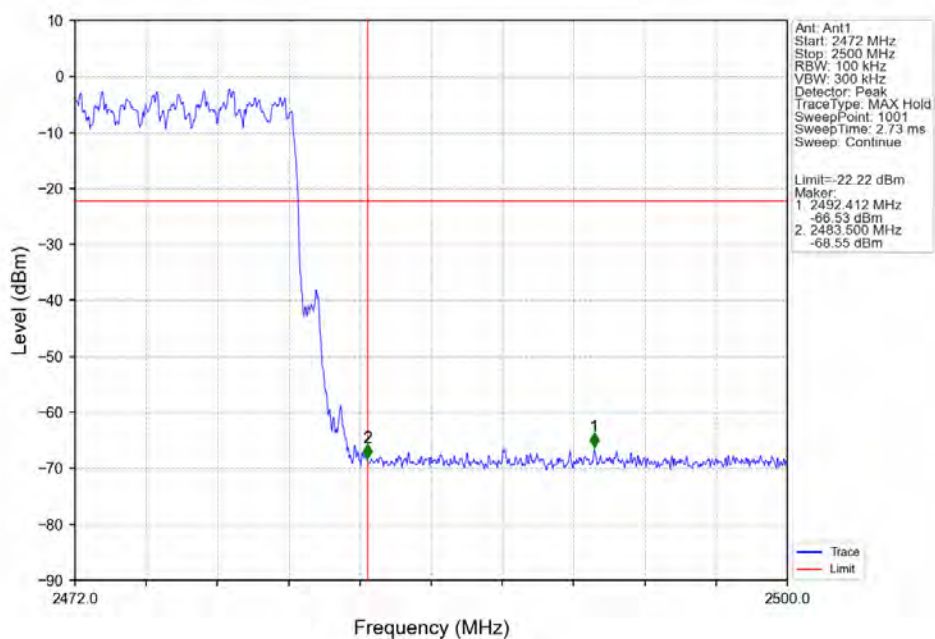
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



Right Ear Test Data:

1. Duty Cycle

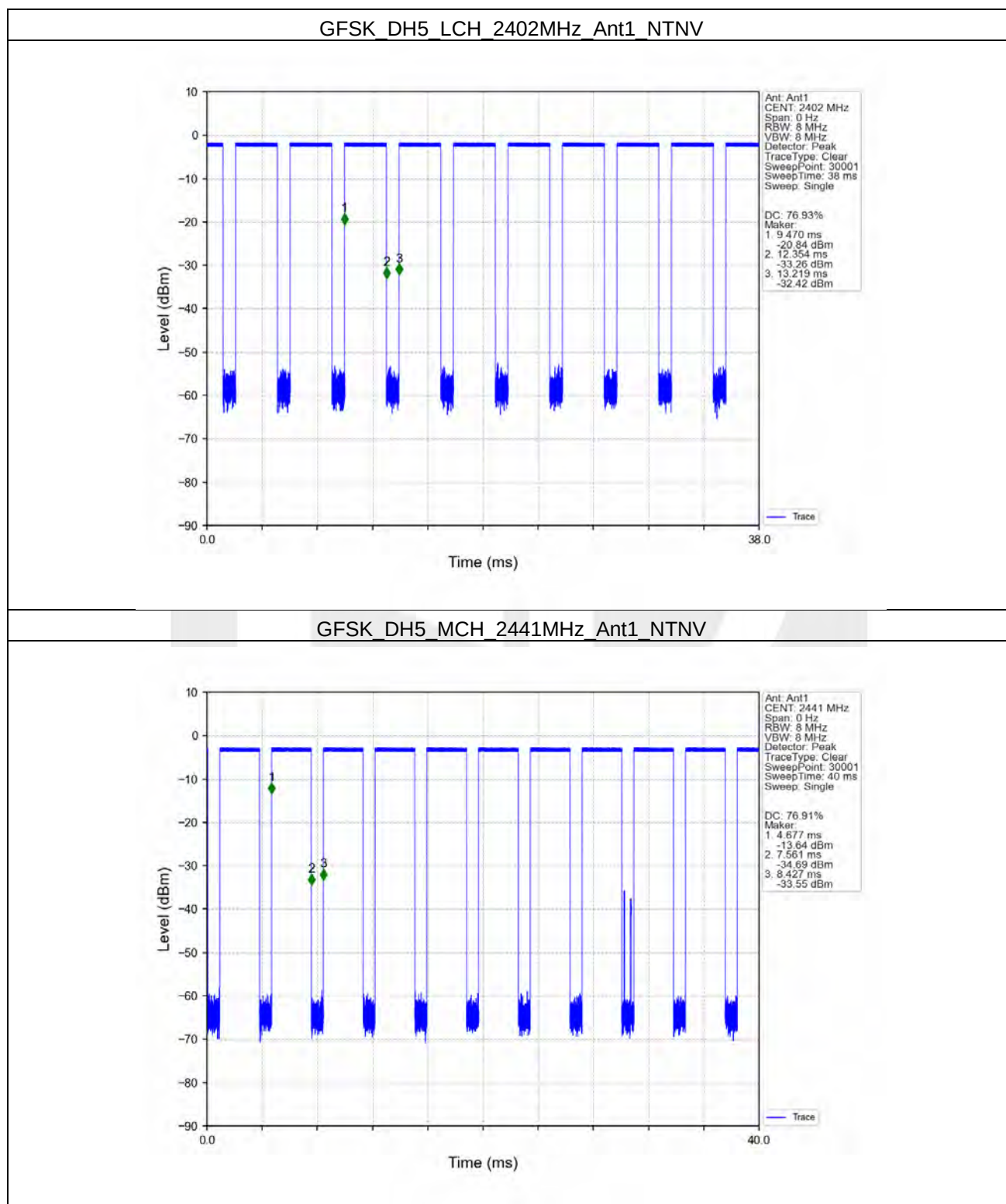
1.1 Test Result

1.1.1 Ant1

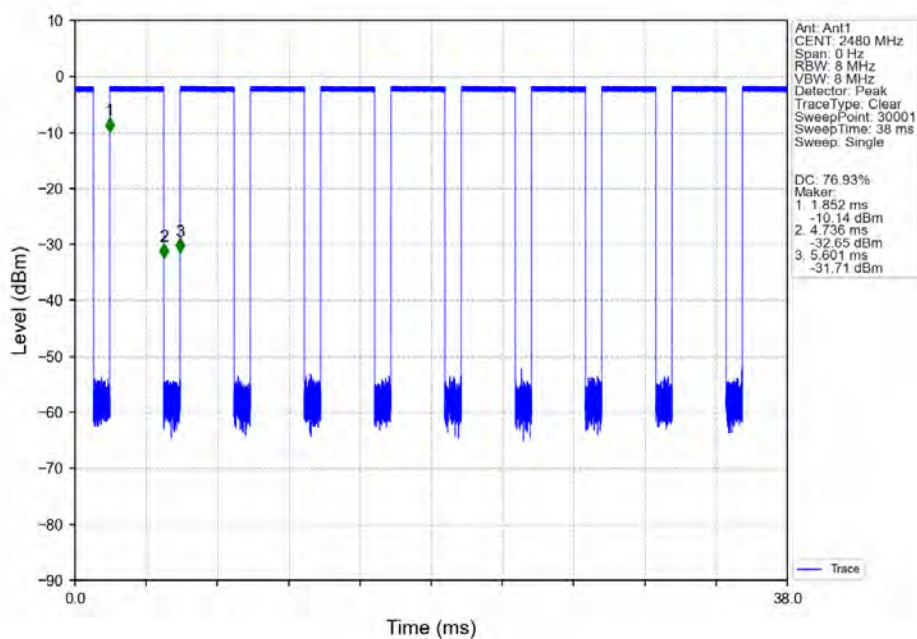
Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.884	3.749	76.93	1.14	0.03
		2441	DH5	2.884	3.750	76.91	1.14	0.01
		2480	DH5	2.884	3.749	76.93	1.14	0.03
π /4DQPSK	SISO	2402	2DH5	2.893	3.749	77.17	1.13	0.04
		2441	2DH5	2.895	3.751	77.18	1.12	14.22
		2480	2DH5	2.894	3.750	77.17	1.13	0.03
8DPSK	SISO	2402	3DH5	2.896	3.750	77.23	1.12	0.03
		2441	3DH5	2.897	3.751	77.23	1.12	0.03
		2480	3DH5	2.896	3.751	77.21	1.12	0.04

1.2 Test Graph

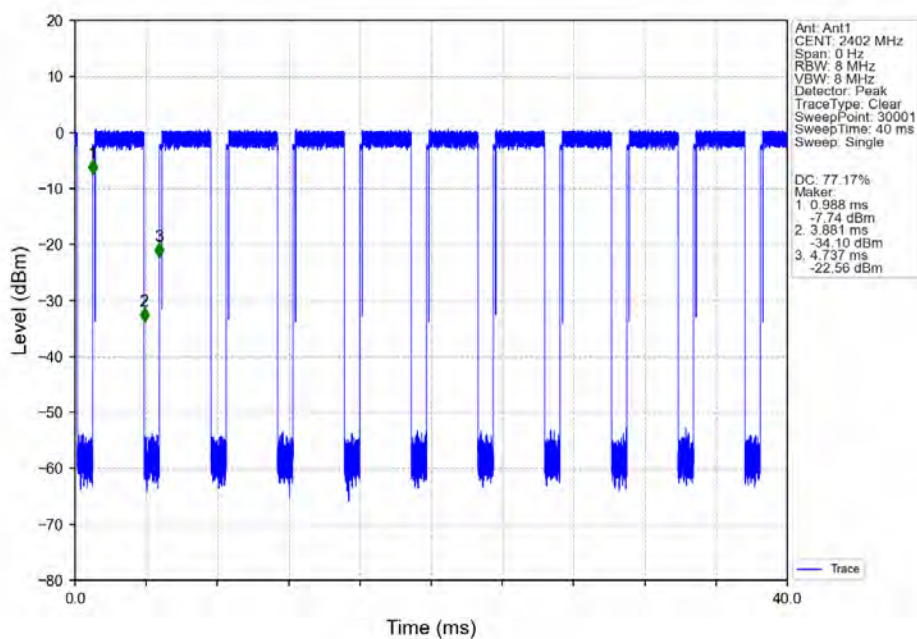
1.2.1 Ant1



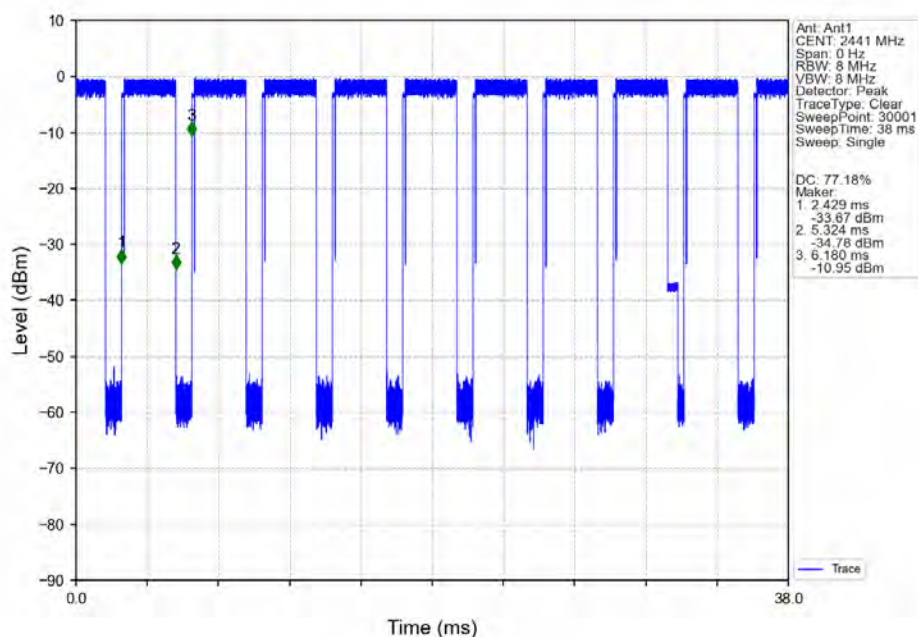
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



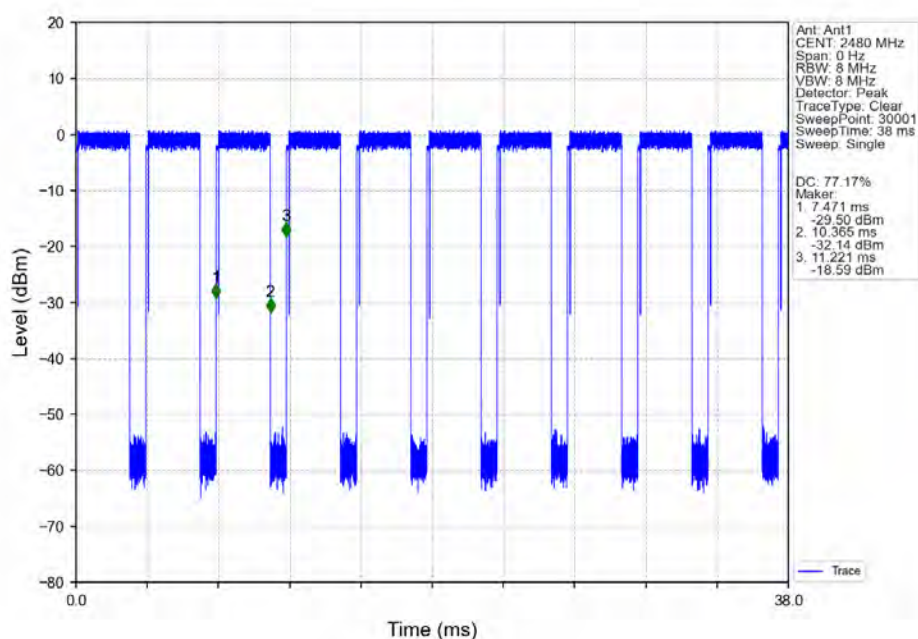
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



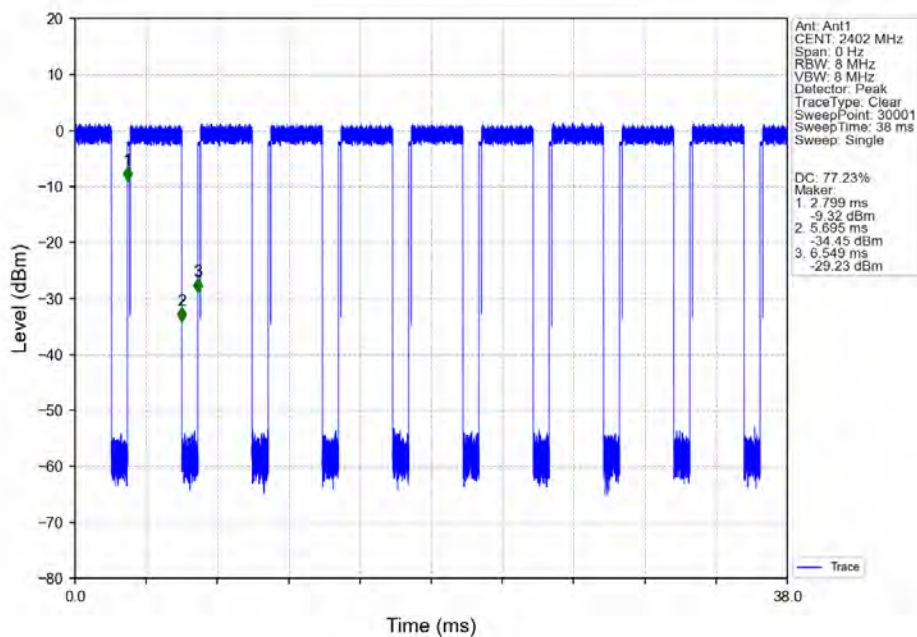
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



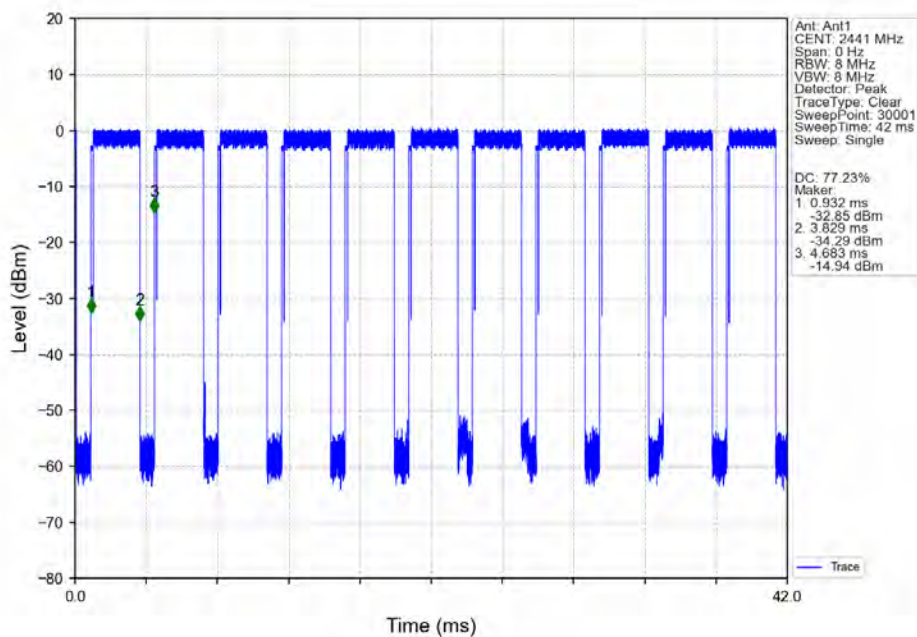
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

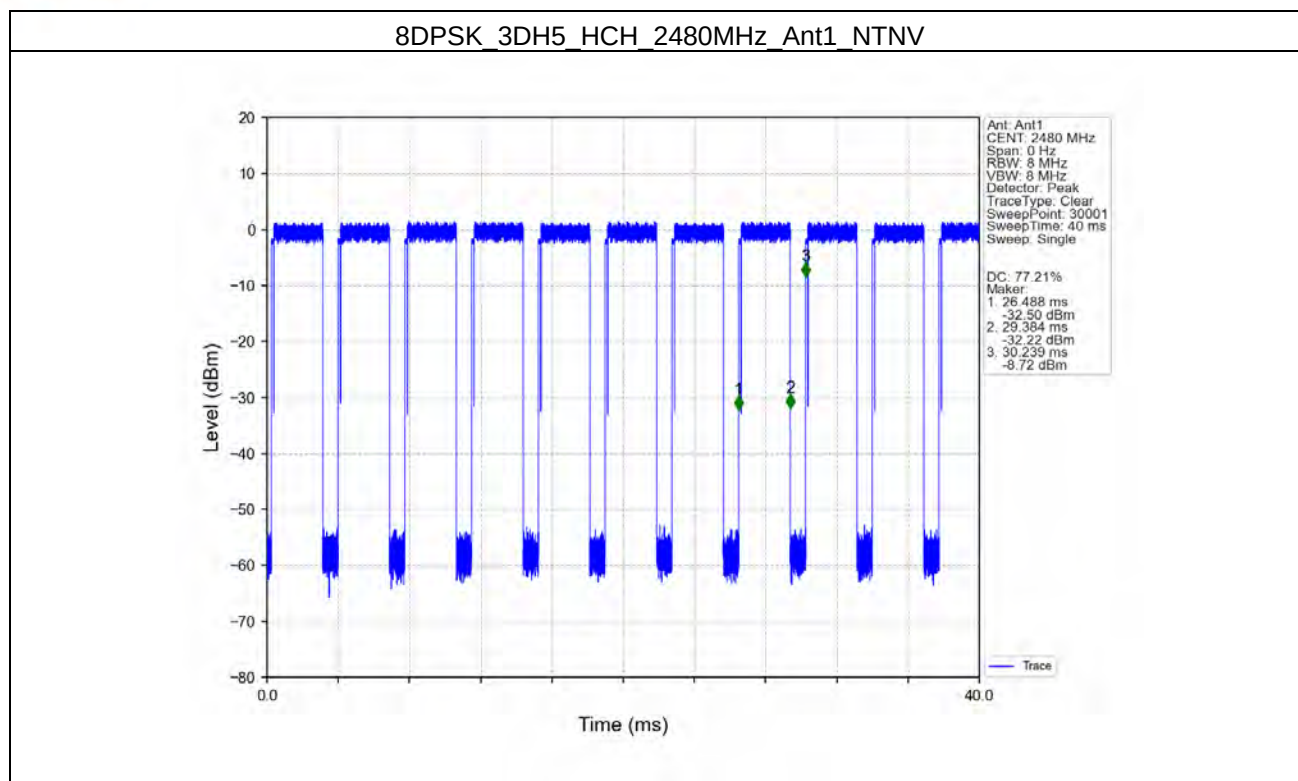


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8DPSK 3DH5 MCH 2441MHz Ant1 NTN





2. Bandwidth

2.1 Test Result

2.1.1 OBW

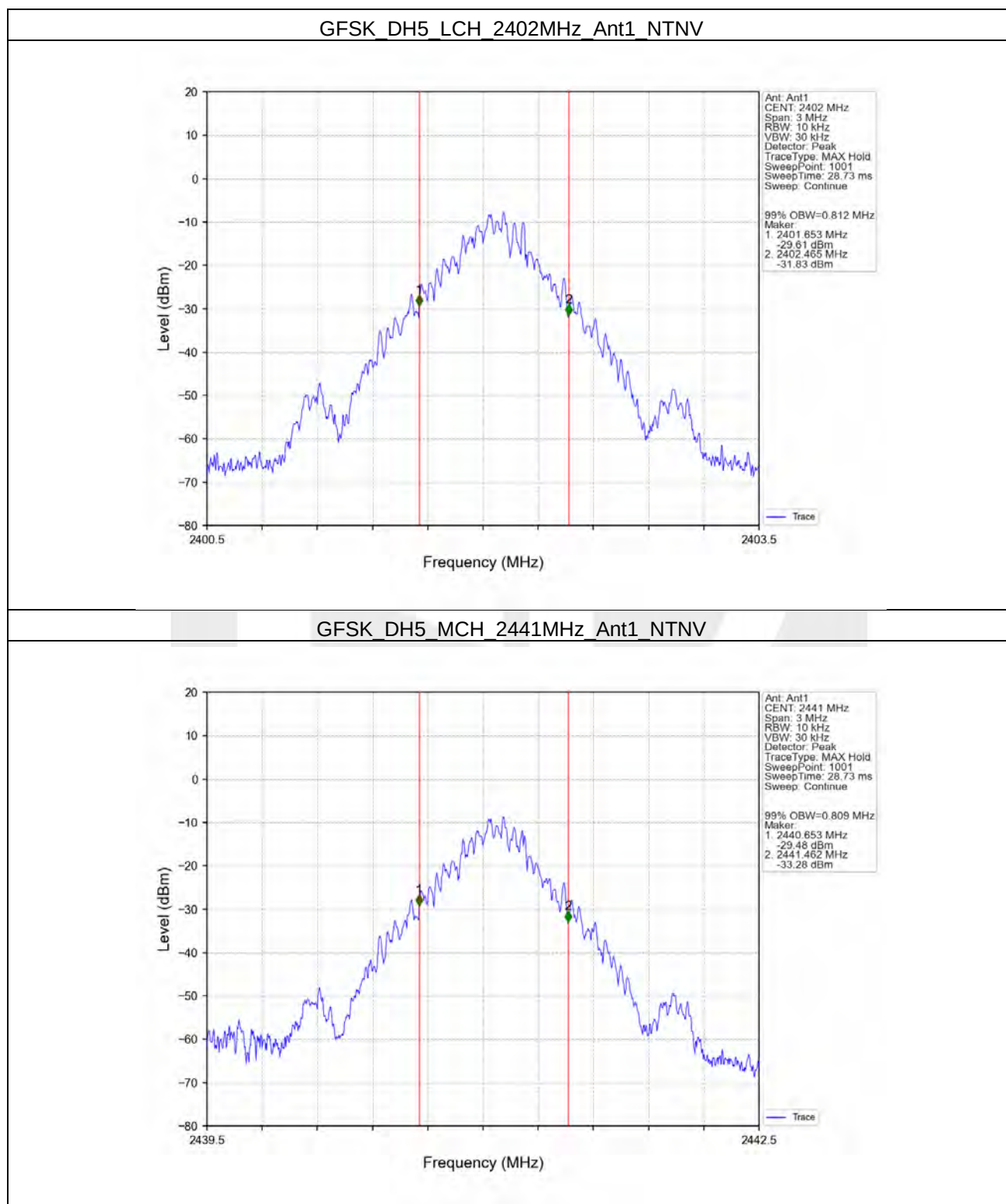
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.812	/	Pass
		2441	DH5	1	0.809	/	Pass
		2480	DH5	1	0.811	/	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	1	1.180	/	Pass
		2441	2DH5	1	1.182	/	Pass
		2480	2DH5	1	1.183	/	Pass
8DPSK	SISO	2402	3DH5	1	1.180	/	Pass
		2441	3DH5	1	1.180	/	Pass
		2480	3DH5	1	1.181	/	Pass

2.1.2 20dB BW

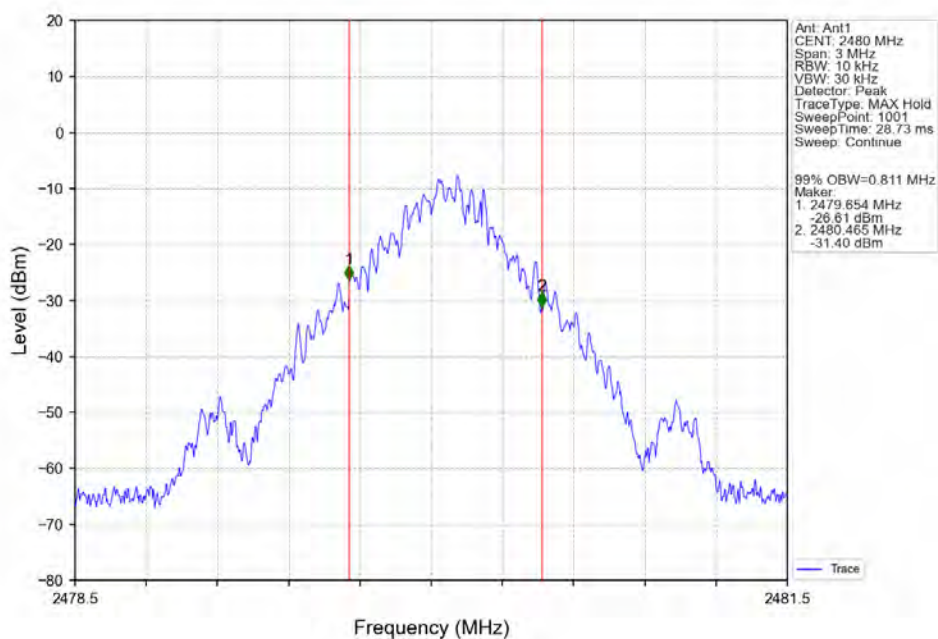
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.072	/	Pass
		2441	DH5	1	1.084	/	Pass
		2480	DH5	1	1.087	/	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	1	1.377	/	Pass
		2441	2DH5	1	1.379	/	Pass
		2480	2DH5	1	1.374	/	Pass
8DPSK	SISO	2402	3DH5	1	1.387	/	Pass
		2441	3DH5	1	1.385	/	Pass
		2480	3DH5	1	1.380	/	Pass

2.2 Test Graph

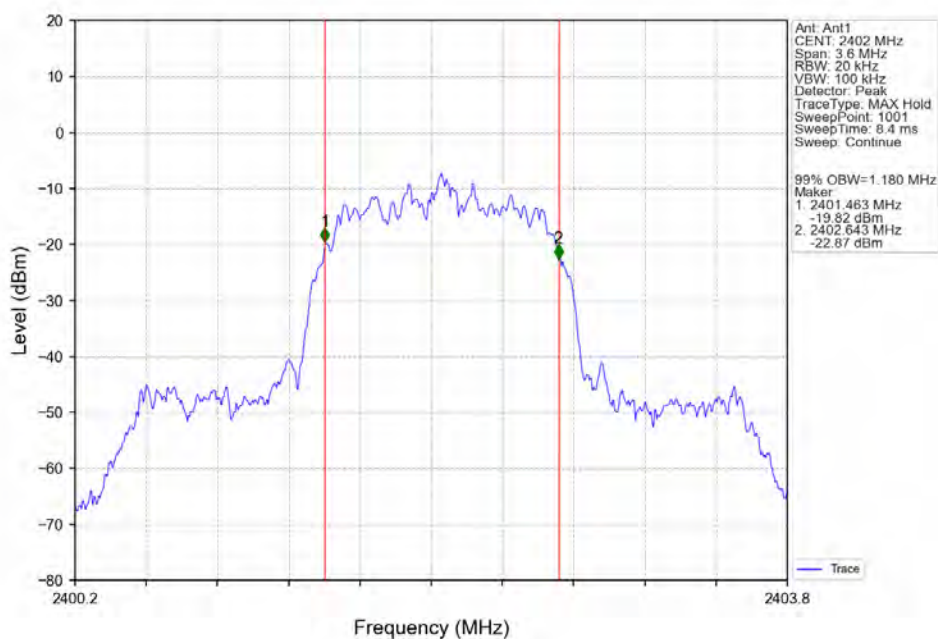
2.2.1 OBW



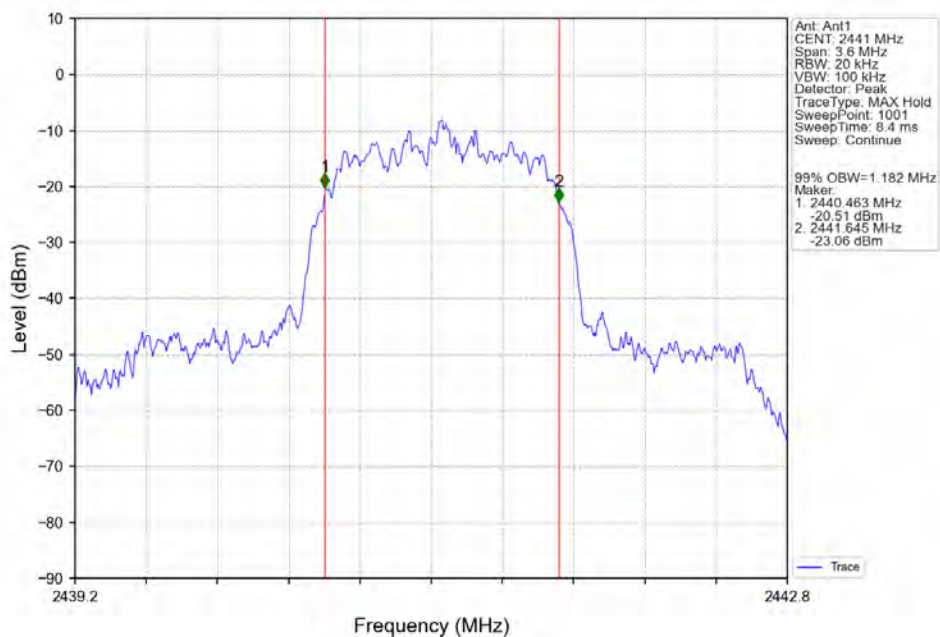
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



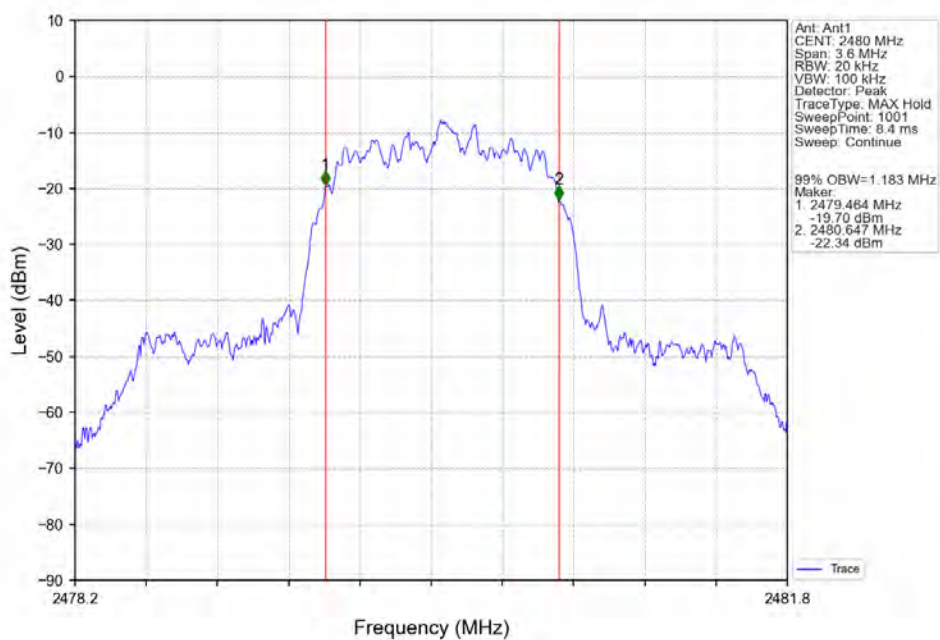
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



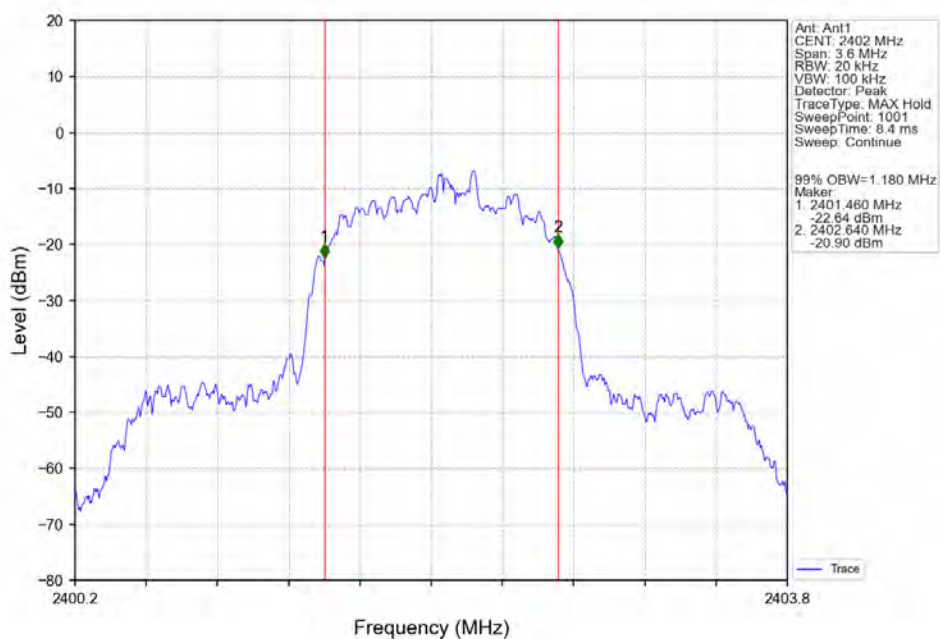
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



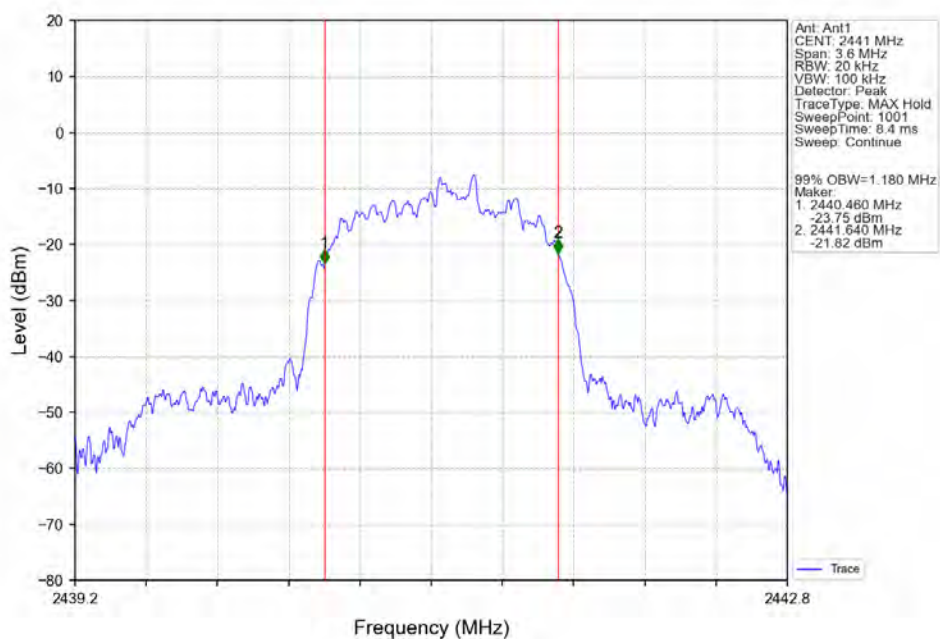
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

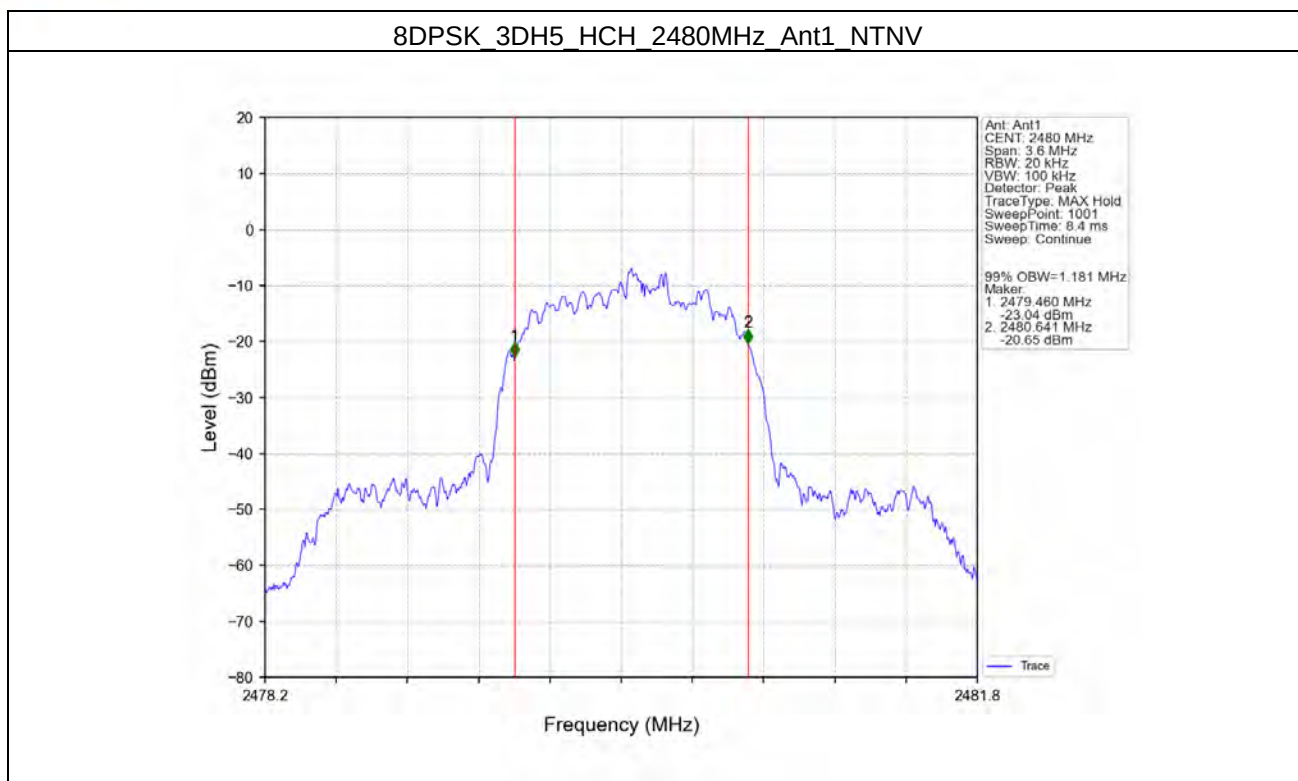


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

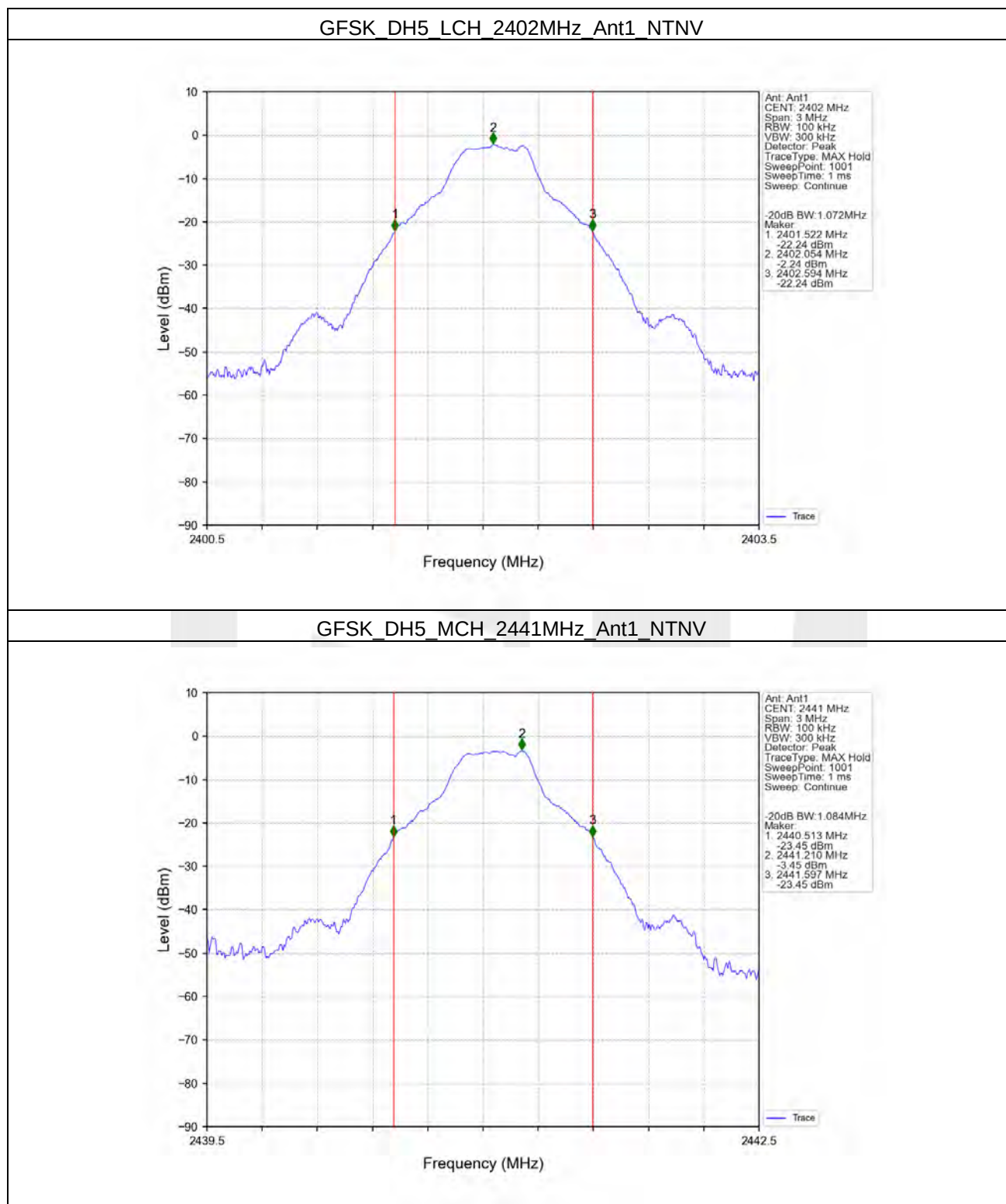


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

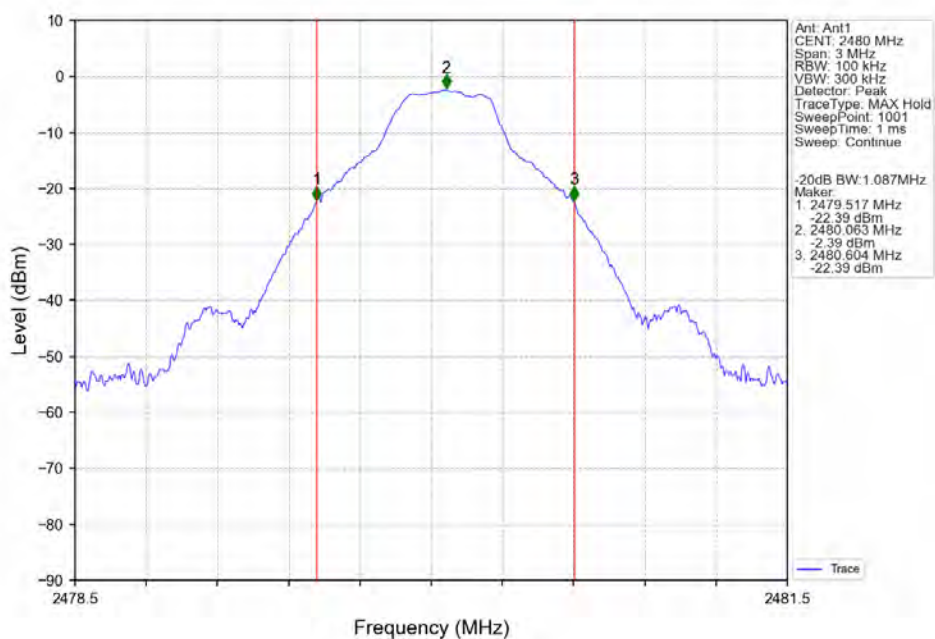




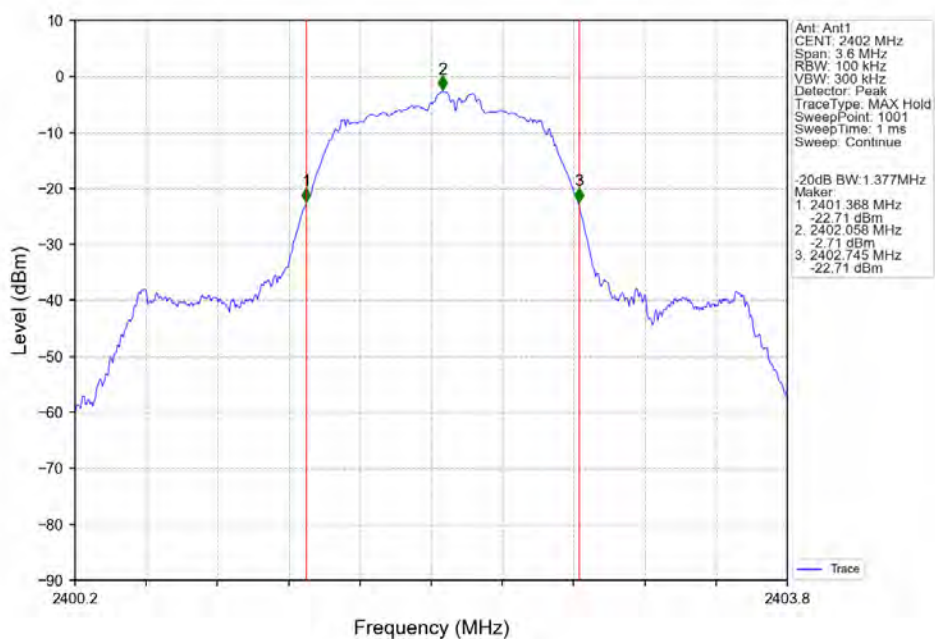
2.2.2 20dB BW



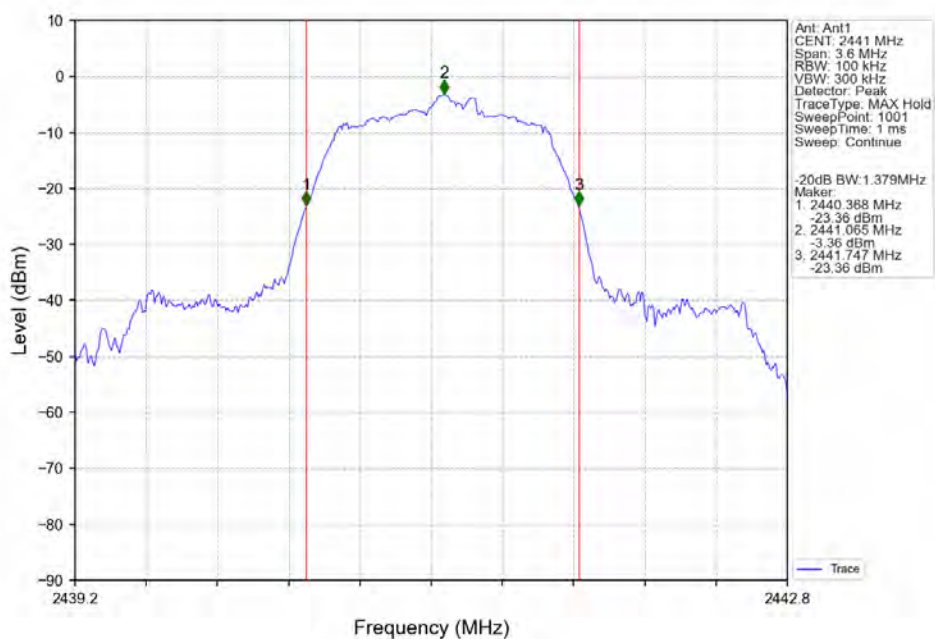
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



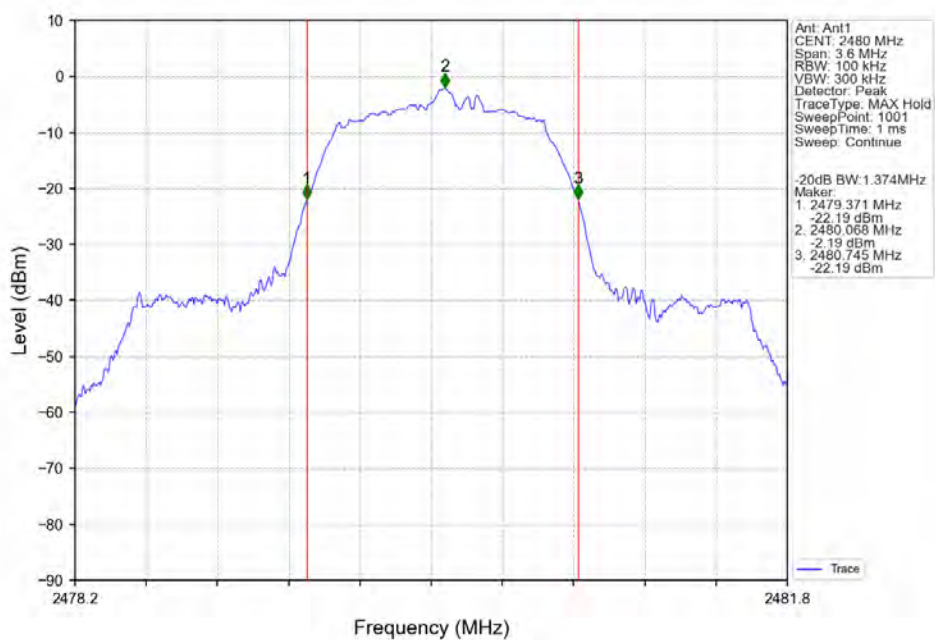
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



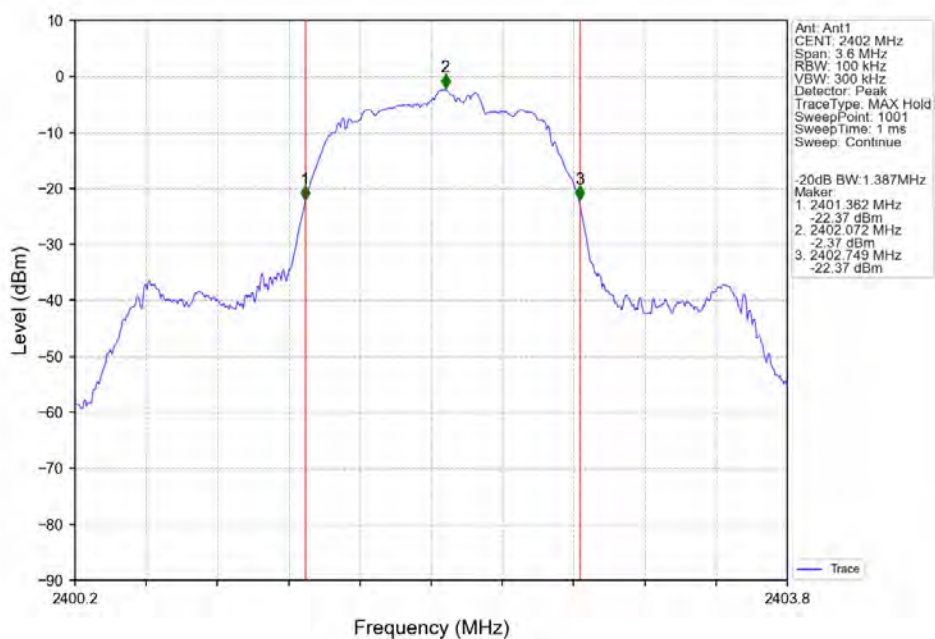
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



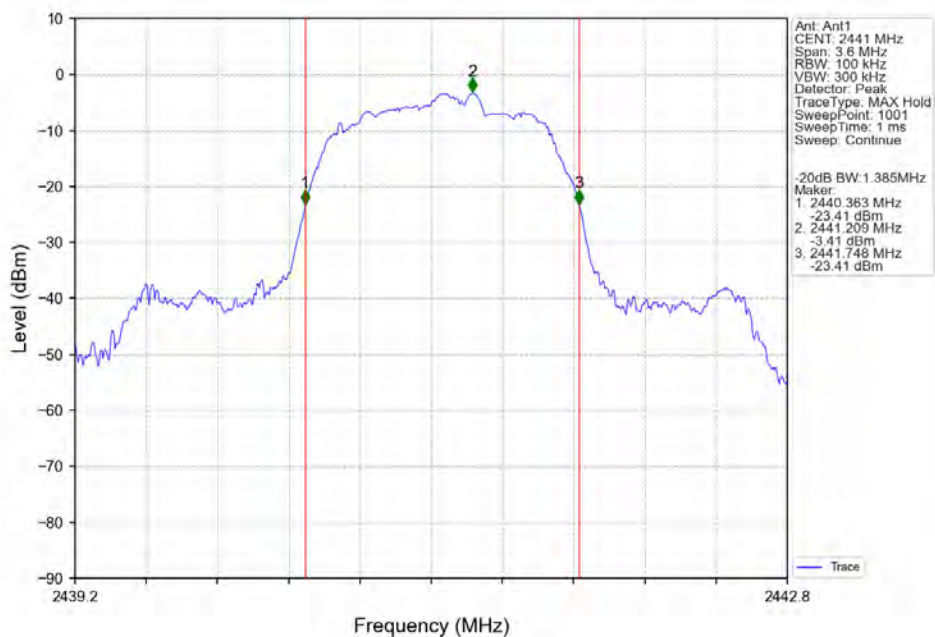
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

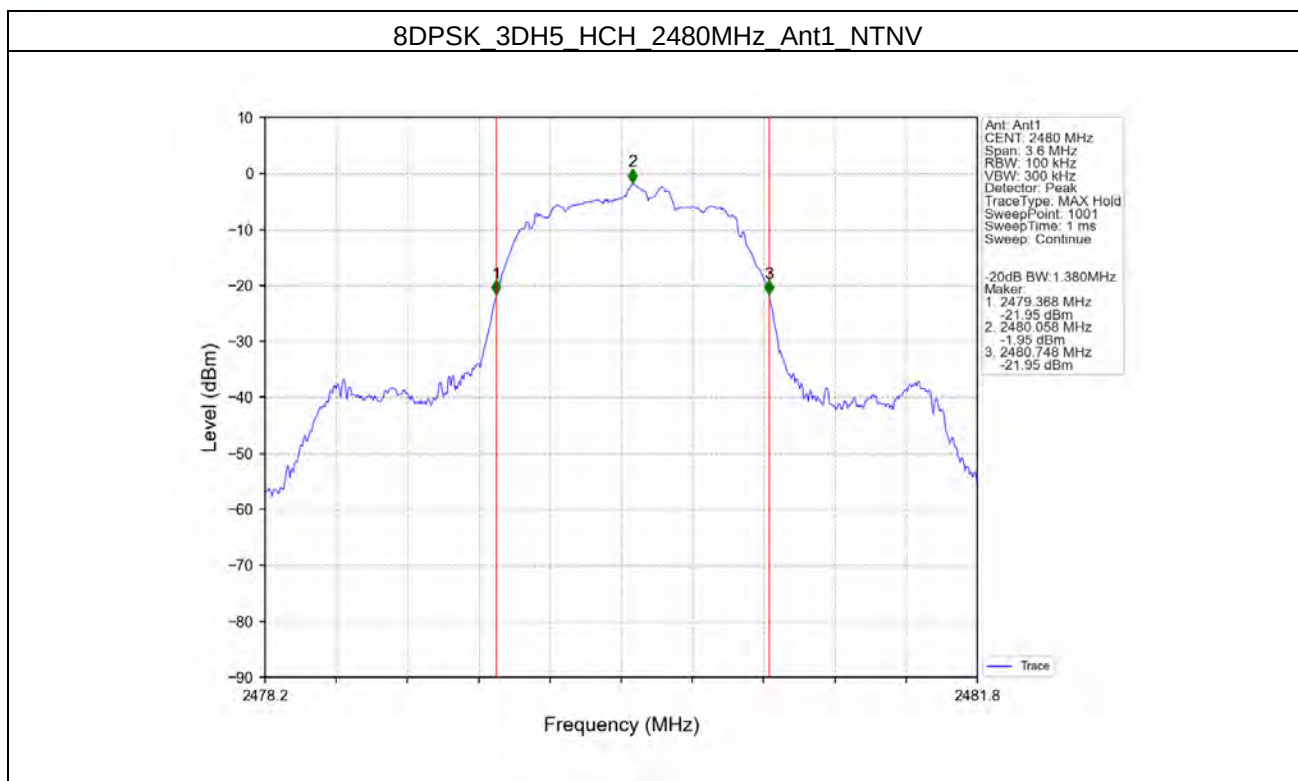


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8DPSK 3DH5 MCH 2441MHz Ant1 NTN





3. Maximum Conducted Output Power

3.1 Test Result

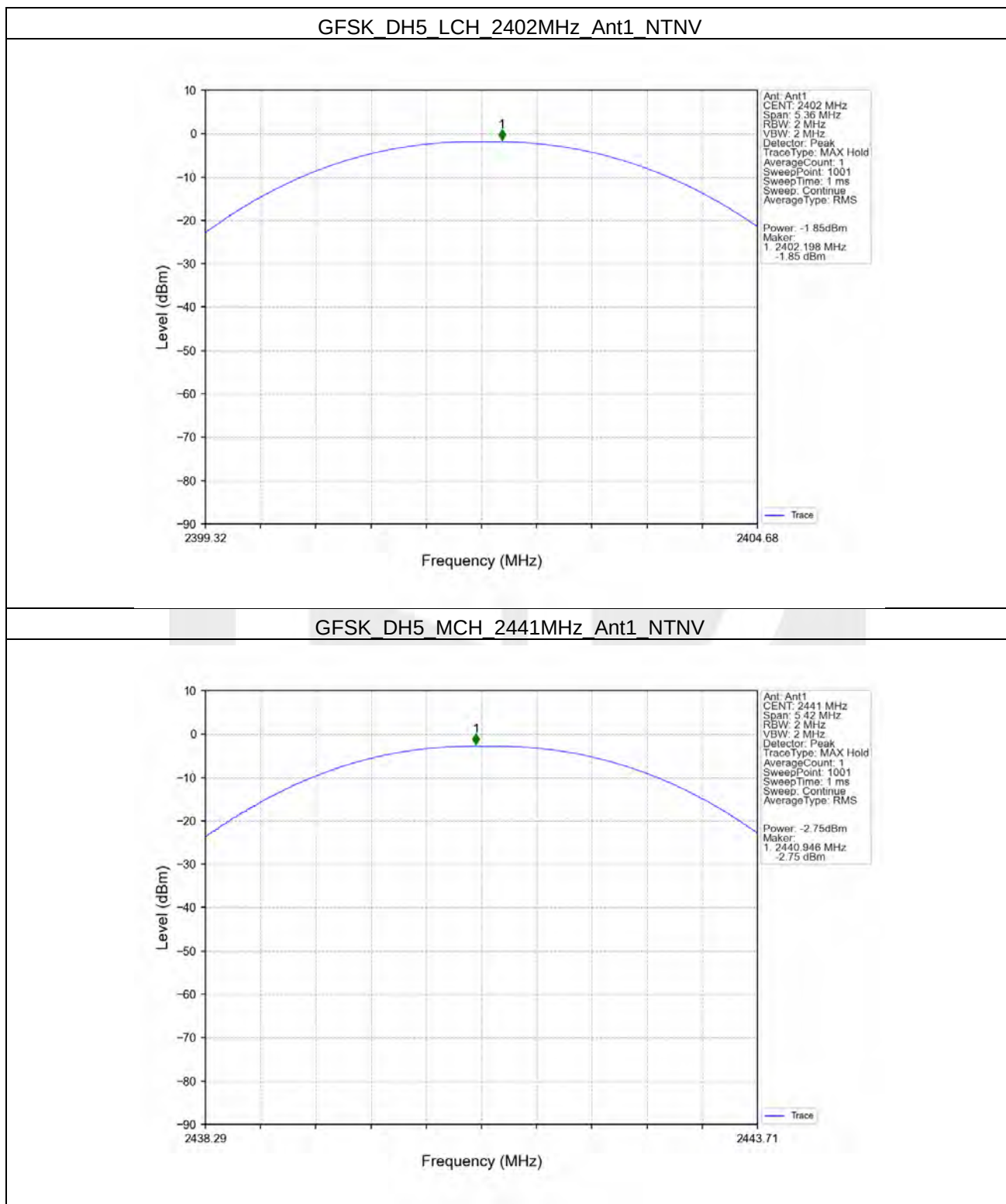
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-1.85	<=20.97	Pass
		2441	DH5	-2.75	<=20.97	Pass
		2480	DH5	-1.75	<=20.97	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	0.33	<=20.97	Pass
		2441	2DH5	-0.47	<=20.97	Pass
		2480	2DH5	0.56	<=20.97	Pass
8DPSK	SISO	2402	3DH5	1.06	<=20.97	Pass
		2441	3DH5	0.32	<=20.97	Pass
		2480	3DH5	1.24	<=20.97	Pass

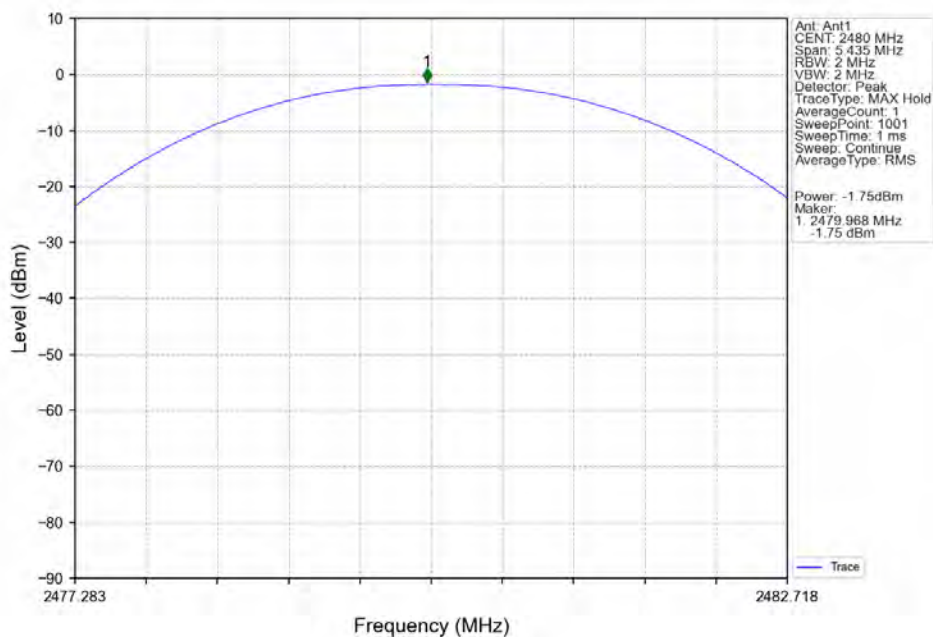
Note1: Antenna Gain: Ant1: 2.73dBi;

3.2 Test Graph

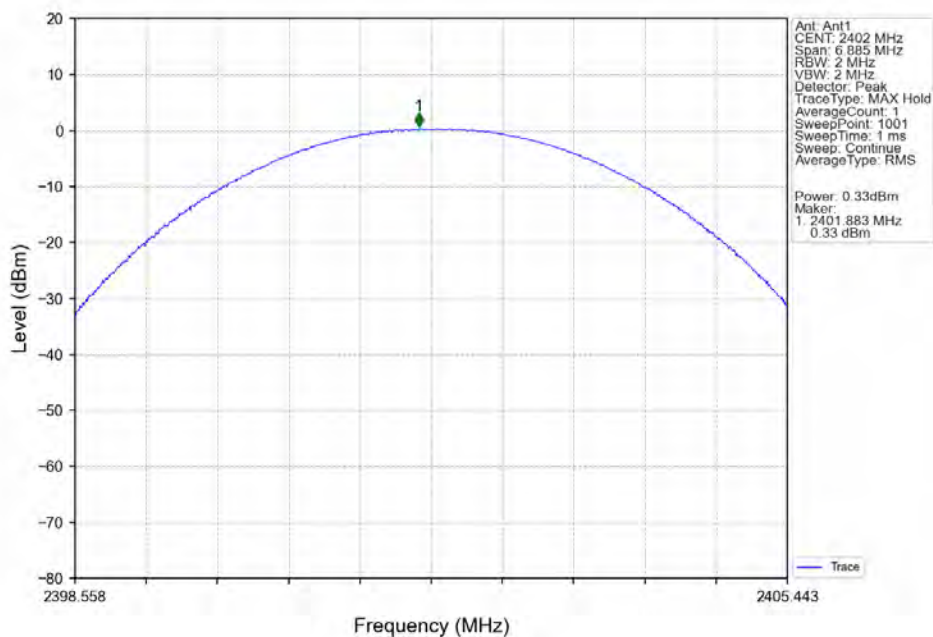
3.2.1 Power



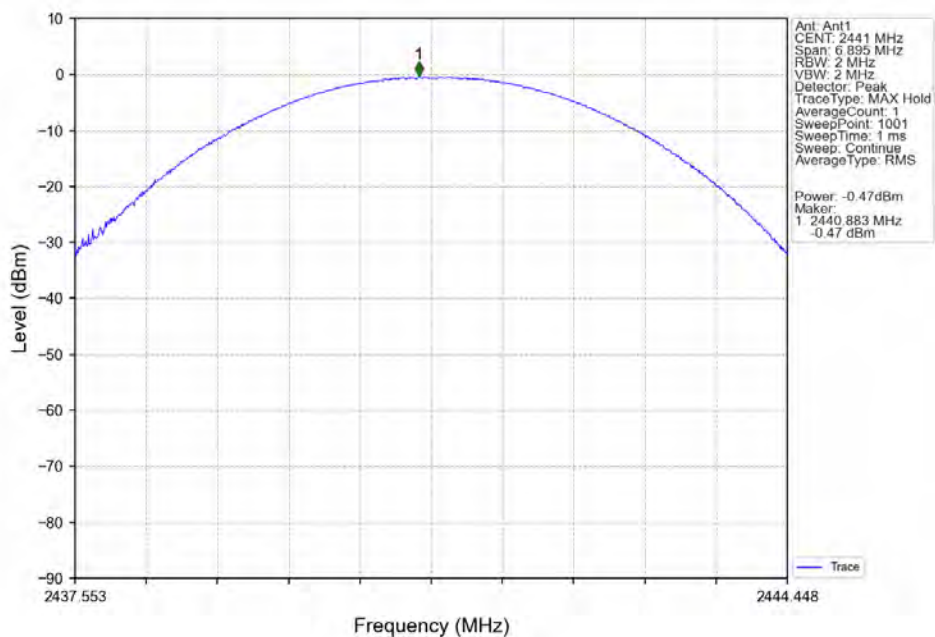
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



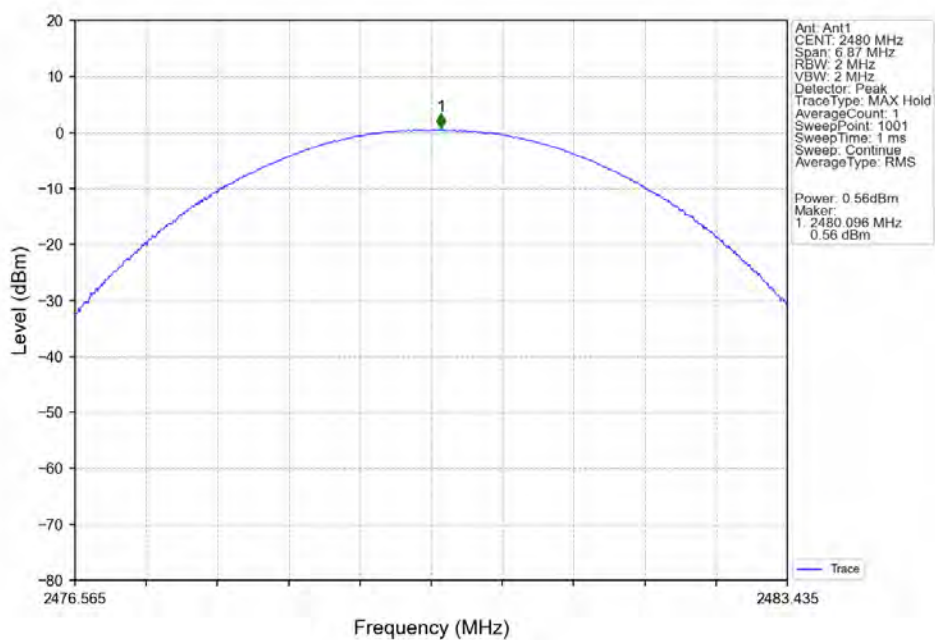
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



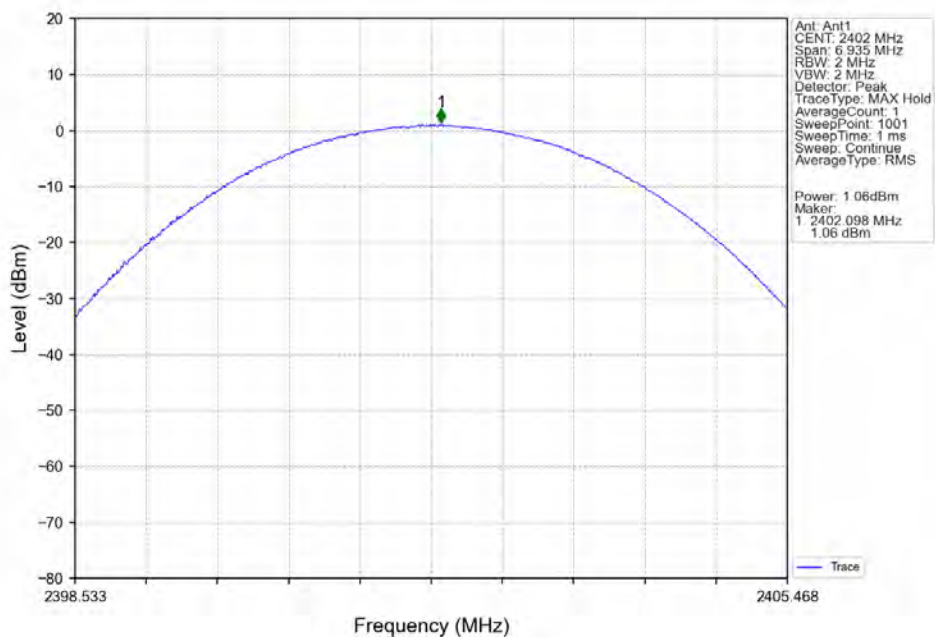
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



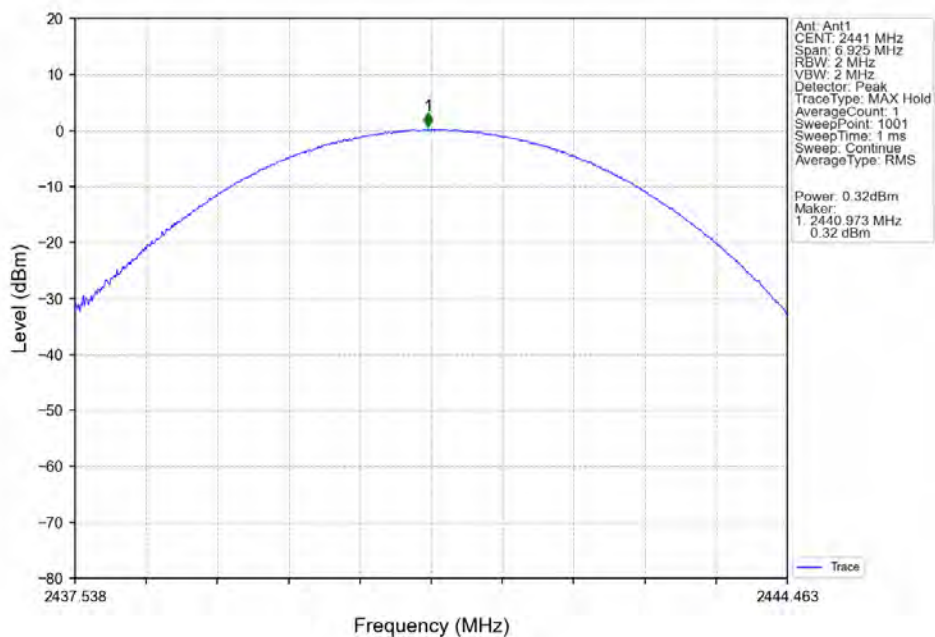
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

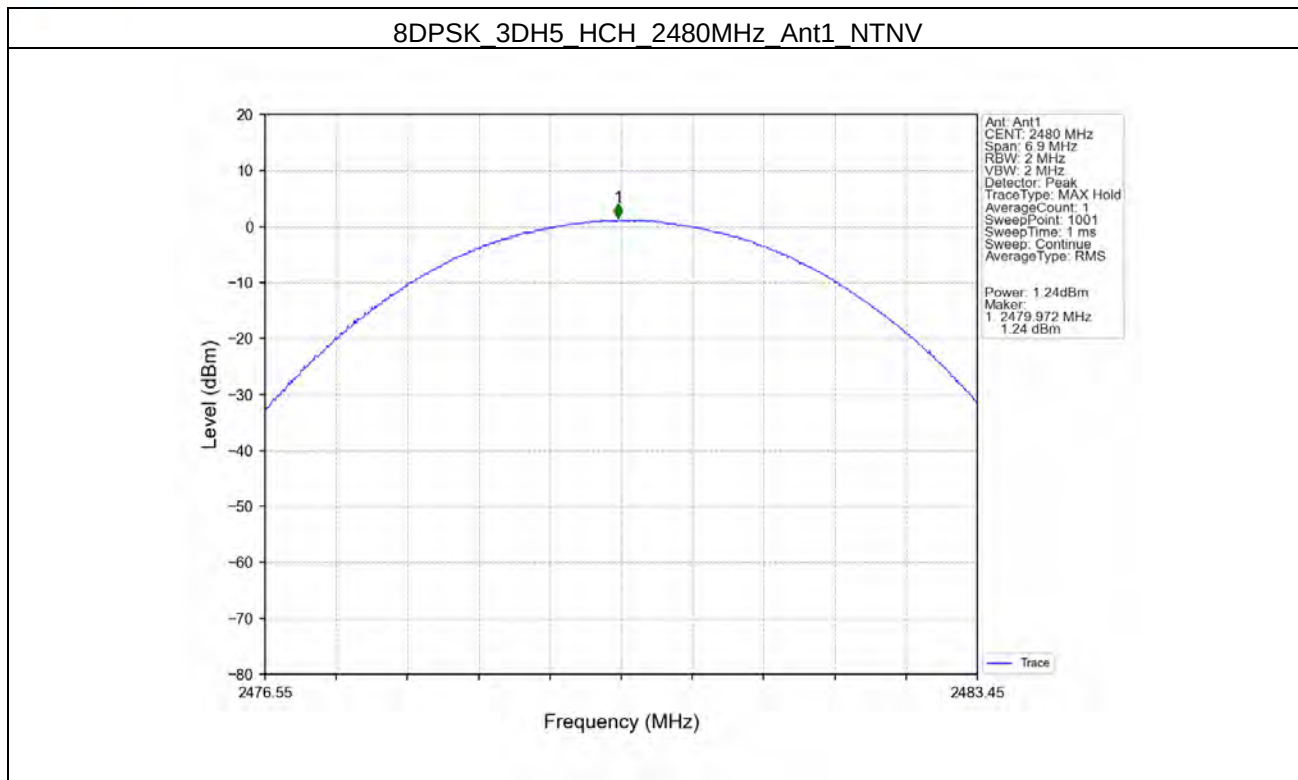


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8DPSK 3DH5 MCH 2441MHz Ant1 NTN





4. Carrier Frequency Separation

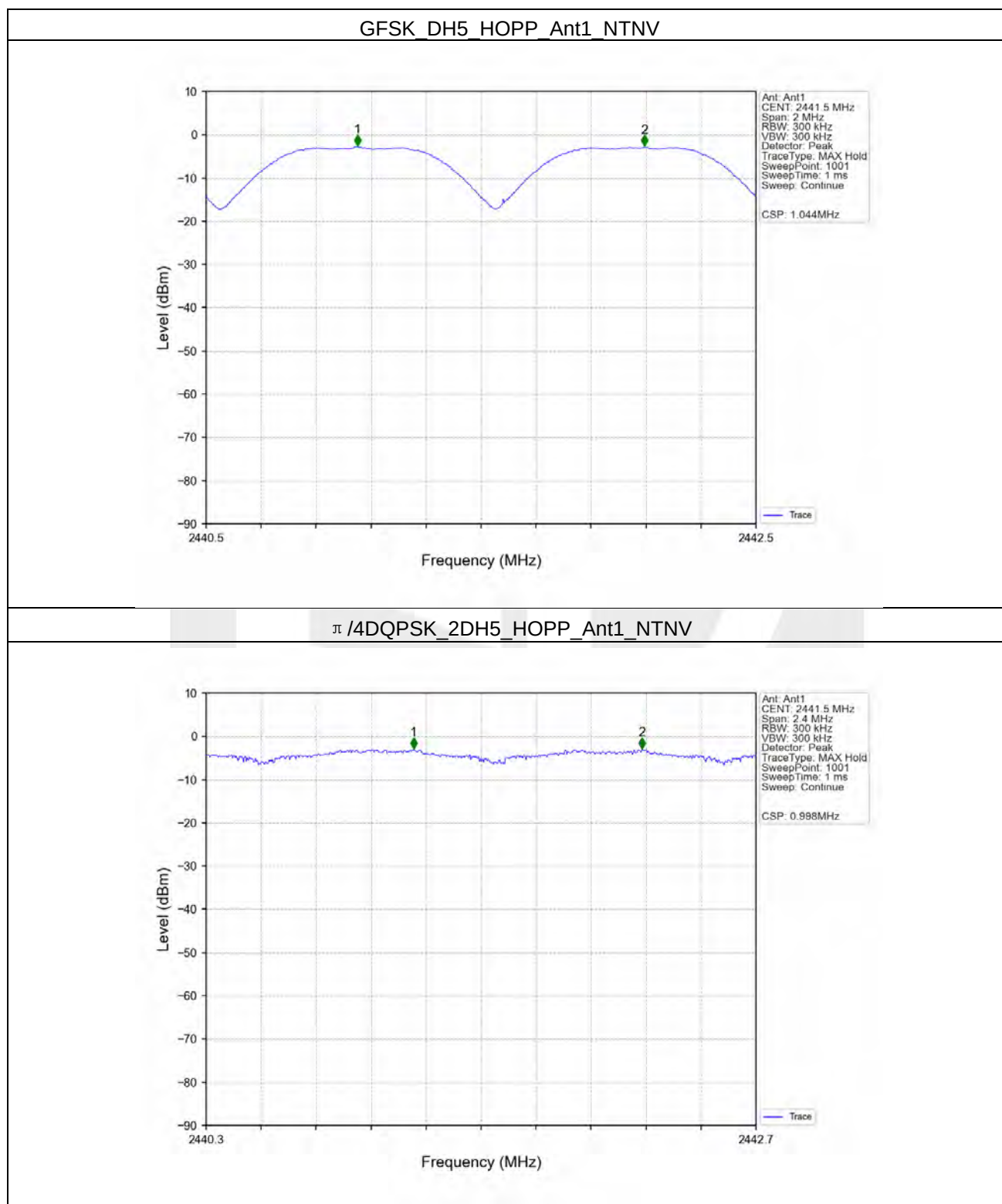
4.1 Test Result

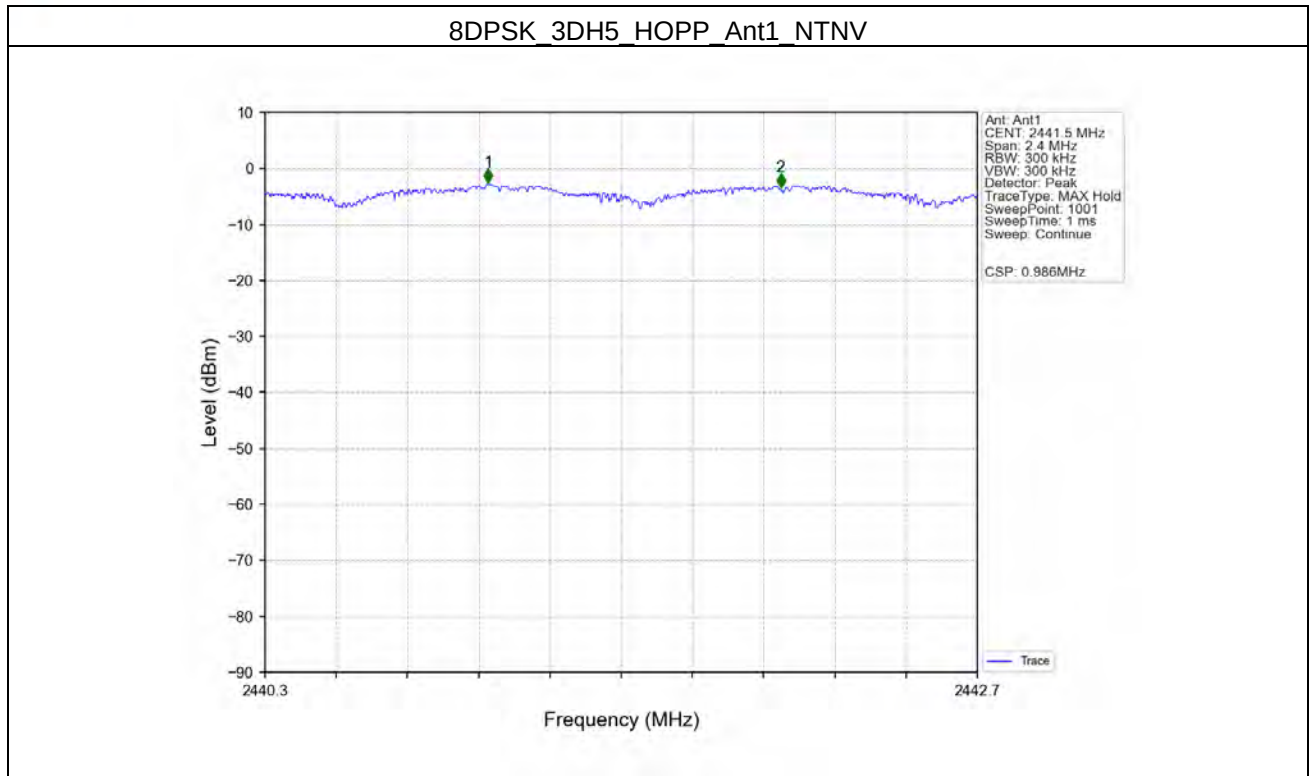
4.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.044	1.087	≥ 0.725	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH5	0.998	1.379	≥ 0.919	Pass
8DPSK	SISO	HOPP	3DH5	0.986	1.387	≥ 0.925	Pass

4.2 Test Graph

4.2.1 Ant1





5. Number of Hopping Frequencies

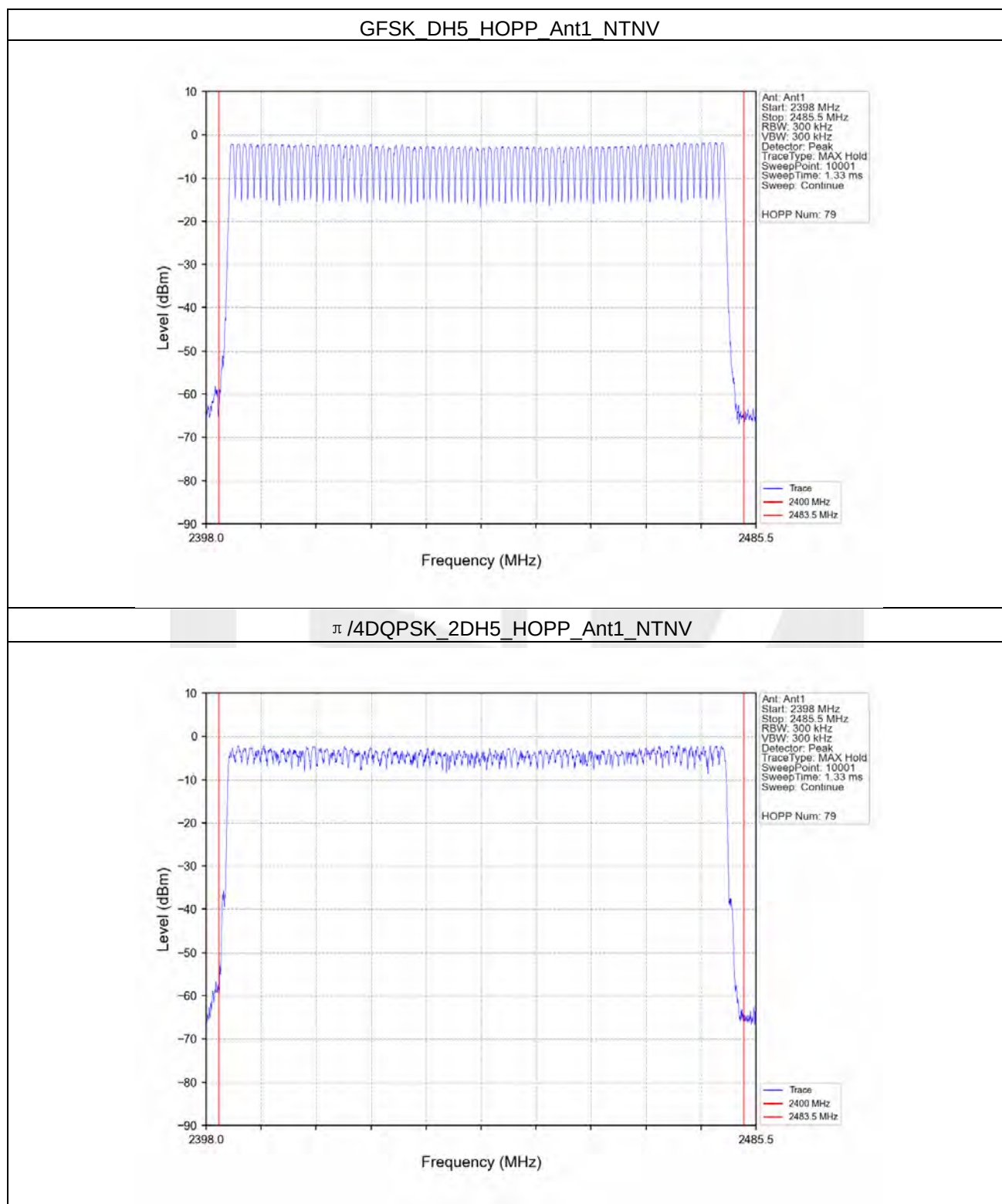
5.1 Test Result

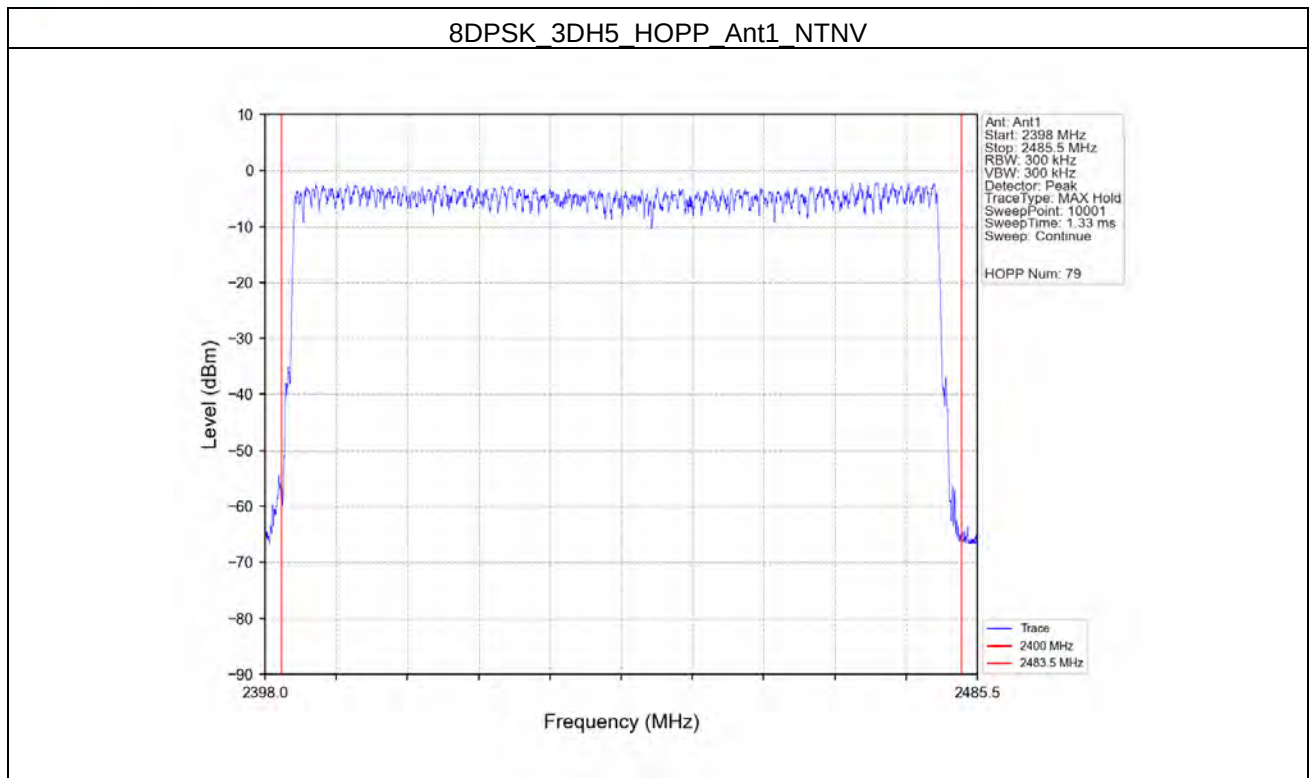
5.1.1 HoppNum

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

5.2 Test Graph

5.2.1 HoppNum





6. Time of Occupancy (Dwell Time)

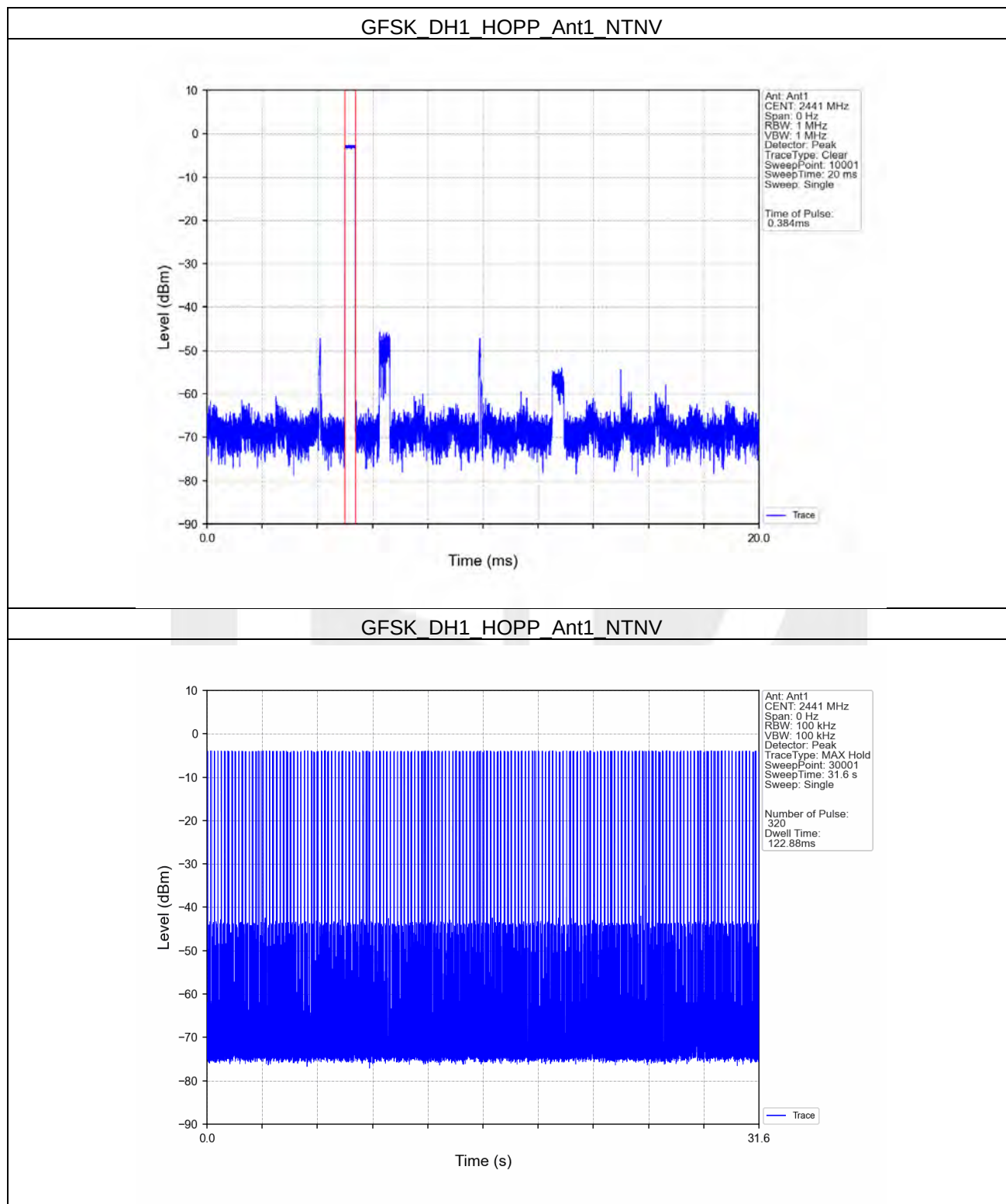
6.1 Test Result

6.1.1 Ant1

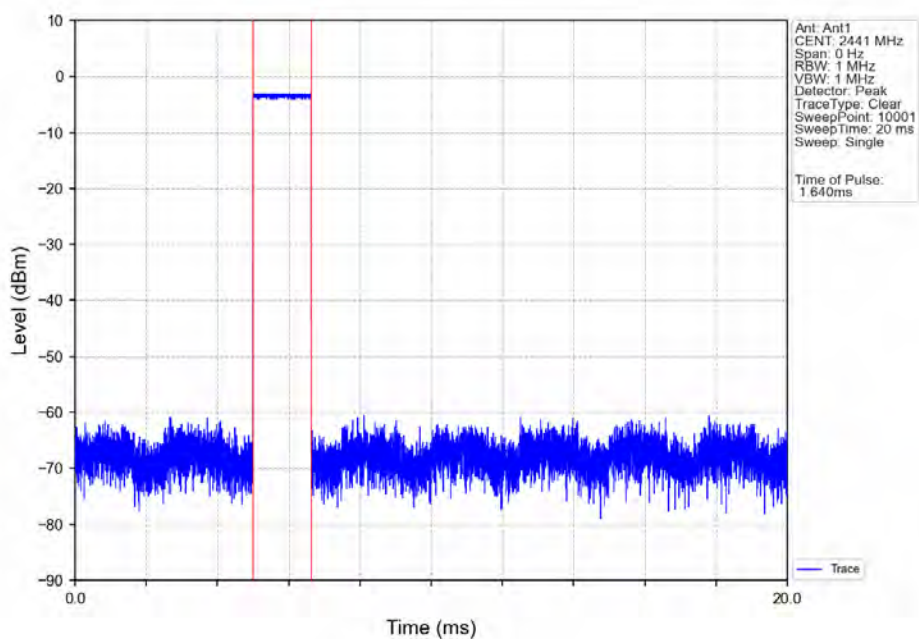
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.384	31.600	320	122.880	<=400	Pass
			DH3	1.640	31.600	150	246.000	<=400	Pass
			DH5	2.888	31.600	119	343.672	<=400	Pass
π /4DQPSK	SISO	HOPP	2DH1	0.398	31.600	320	127.360	<=400	Pass
			2DH3	1.652	31.600	150	247.800	<=400	Pass
			2DH5	2.898	31.600	113	327.474	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.400	31.600	320	128.000	<=400	Pass
			3DH3	1.650	31.600	165	272.250	<=400	Pass
			3DH5	2.904	31.600	114	331.056	<=400	Pass

6.2 Test Graph

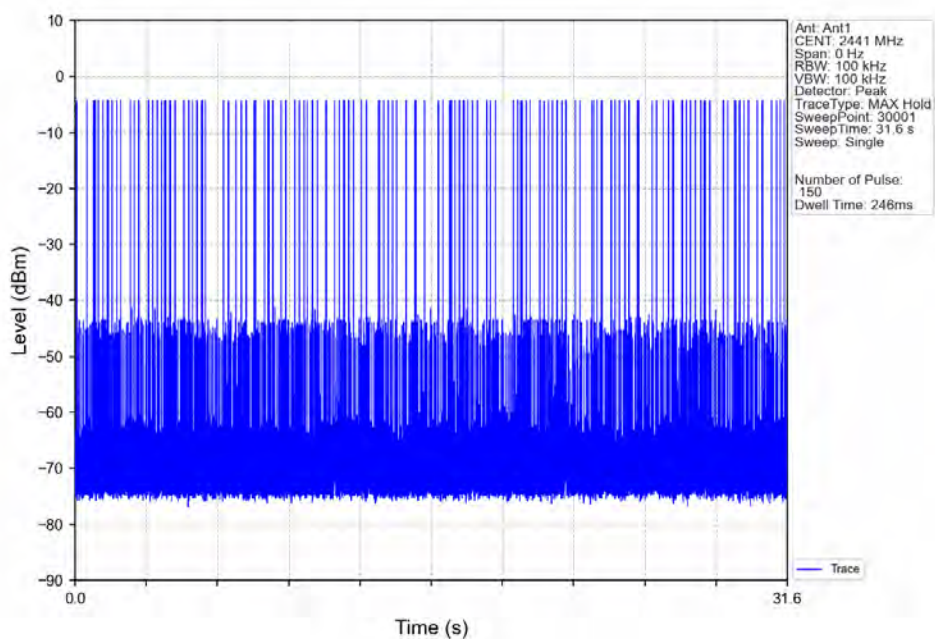
6.2.1 Ant1



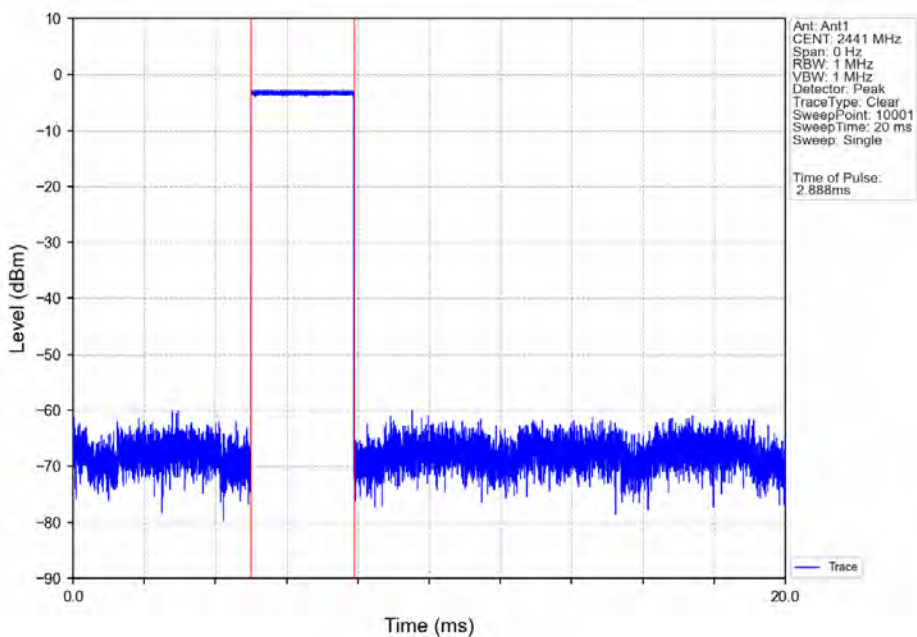
GFSK_DH3_HOPP_Ant1_NTNV



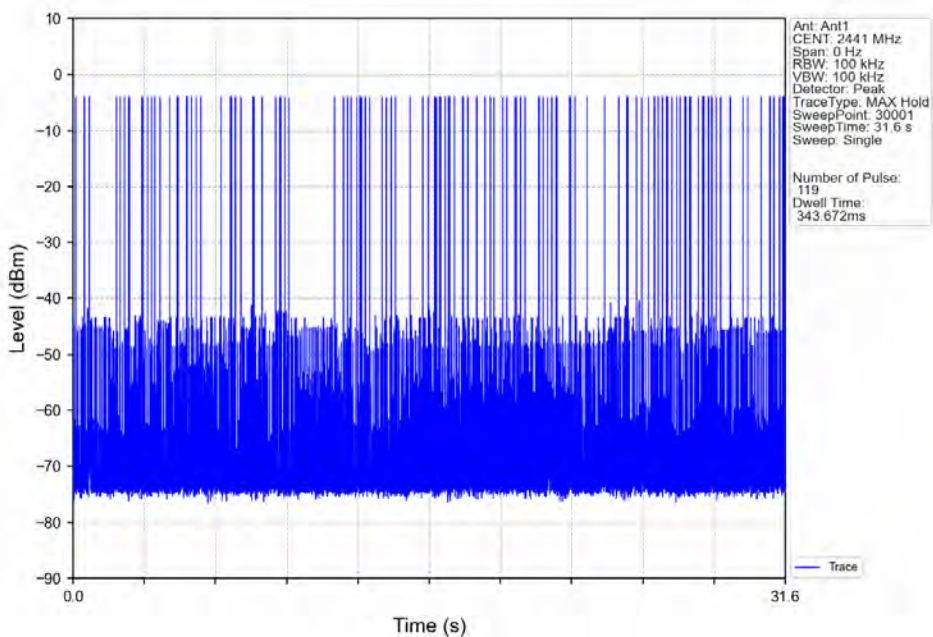
GFSK_DH3_HOPP_Ant1_NTNV



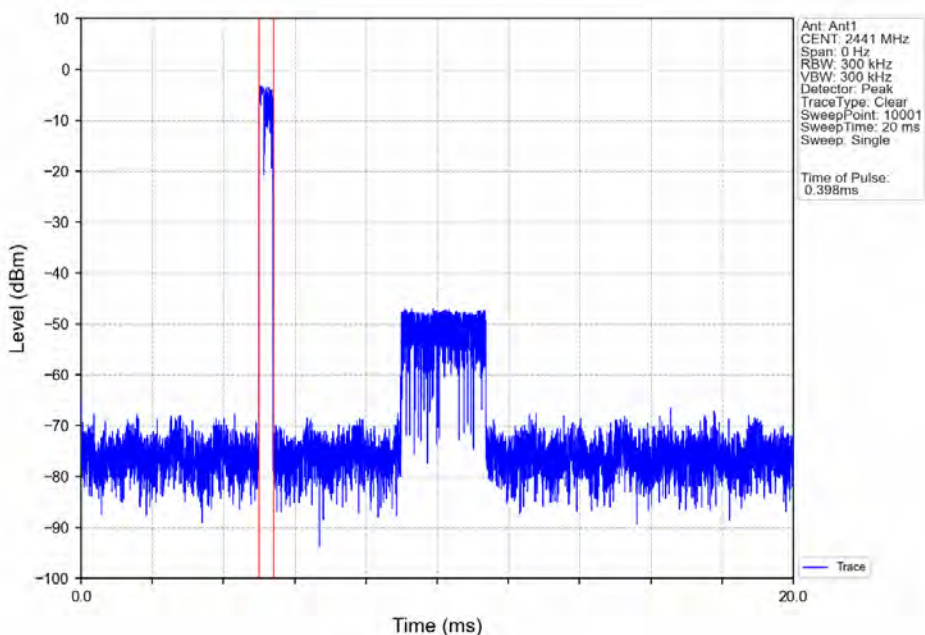
GFSK_DH5_HOPP_Ant1_NTNV



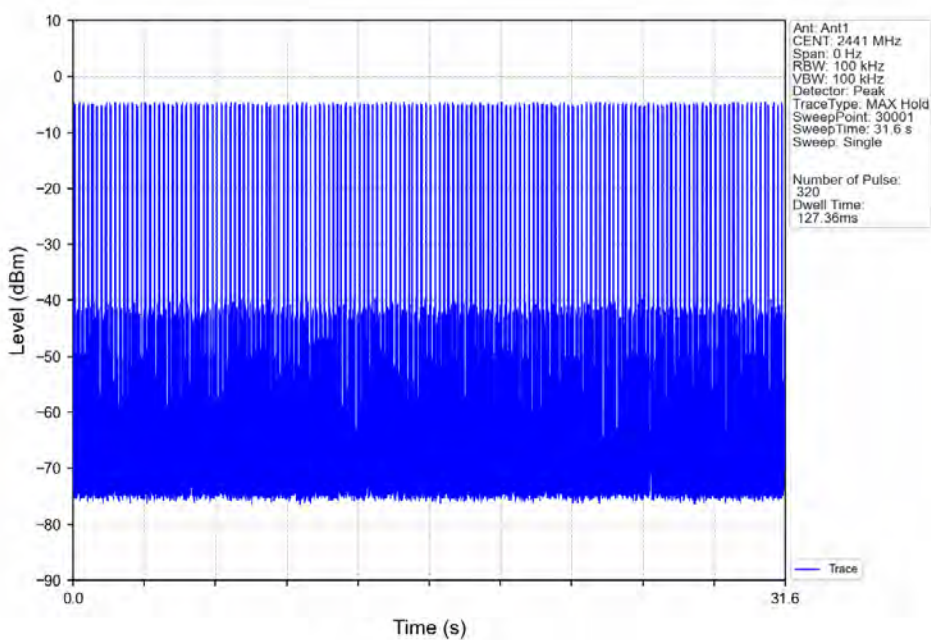
GFSK_DH5_HOPP_Ant1_NTNV



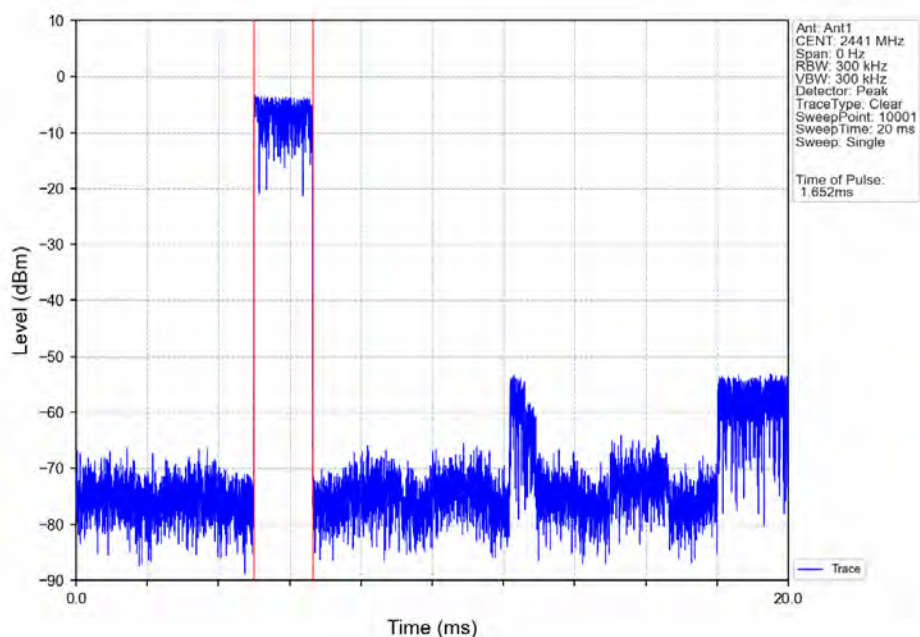
π /4DQPSK_2DH1_HOPP_Ant1_NTNV



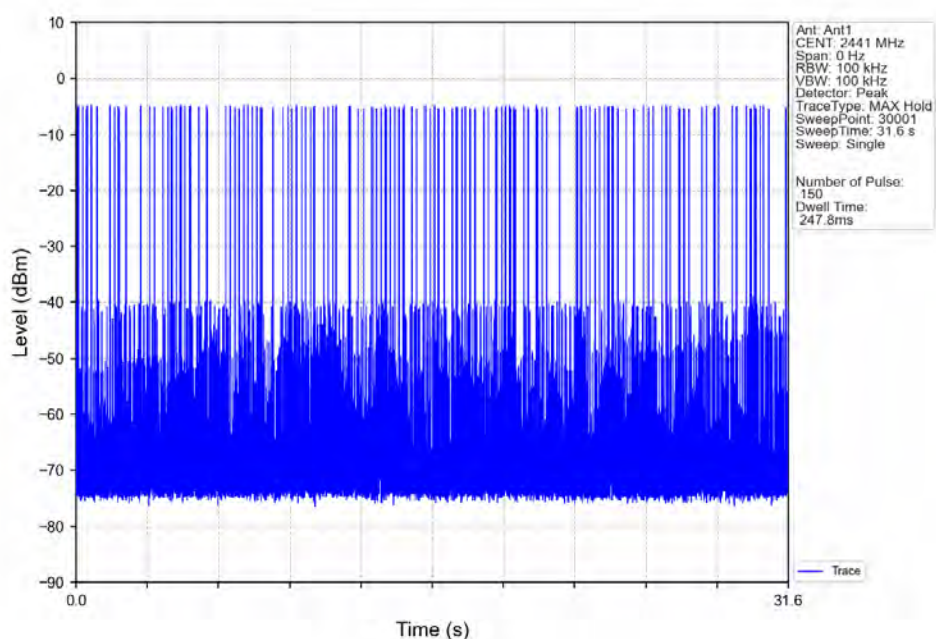
π /4DQPSK_2DH1_HOPP_Ant1_NTNV



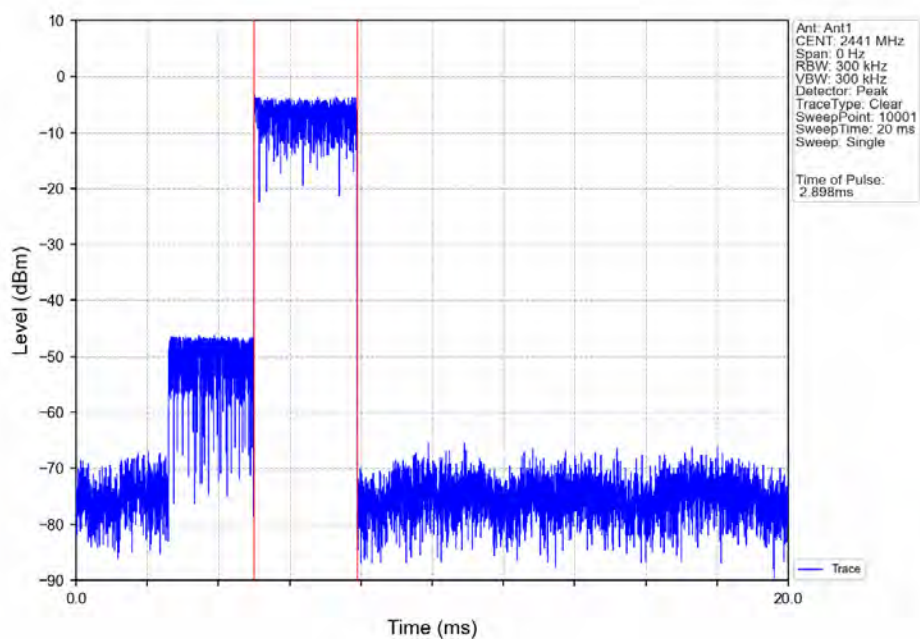
π /4DQPSK_2DH3_HOPP_Ant1_NTNV



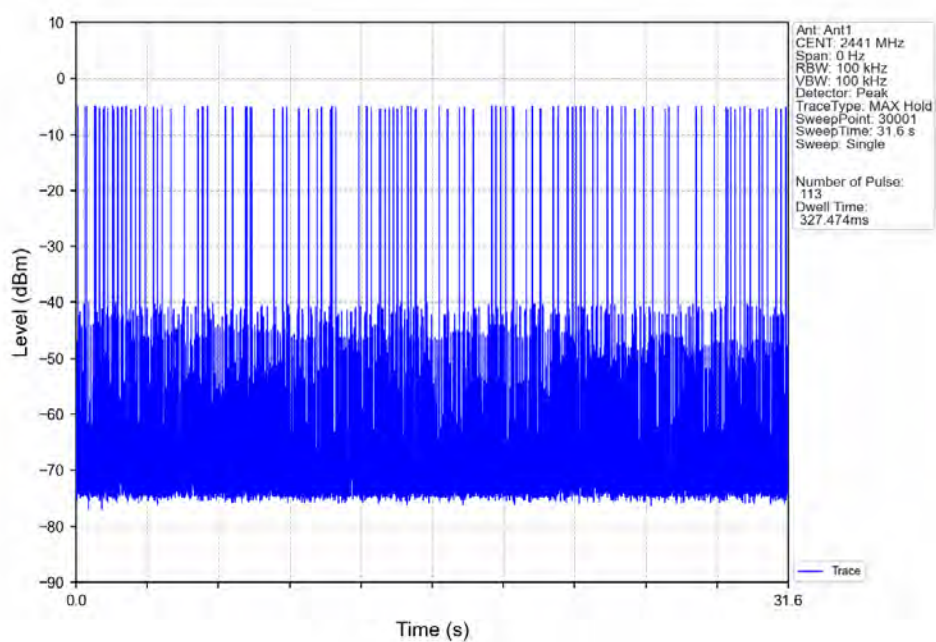
π /4DQPSK_2DH3_HOPP_Ant1_NTNV



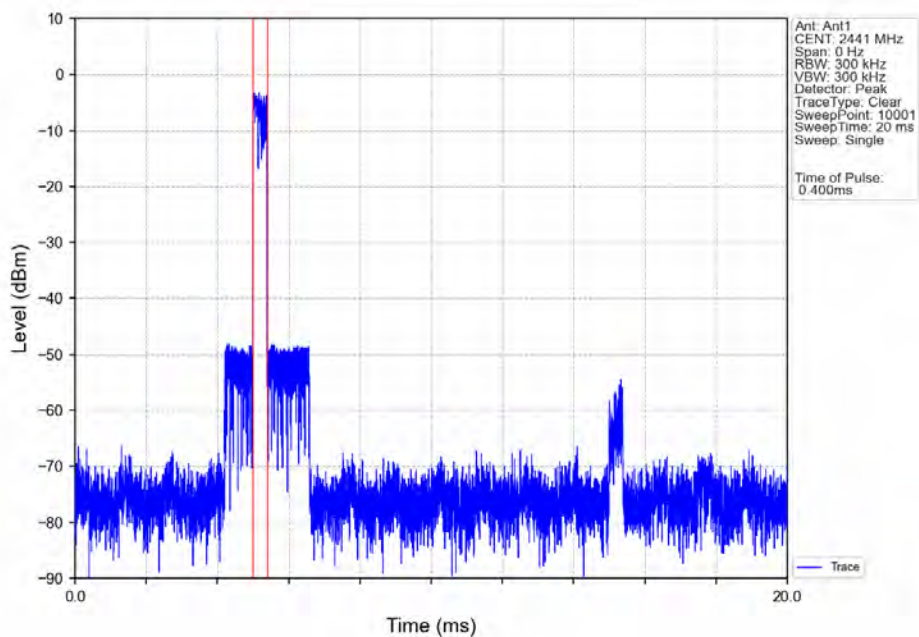
π /4DQPSK_2DH5_HOPP_Ant1_NTNV



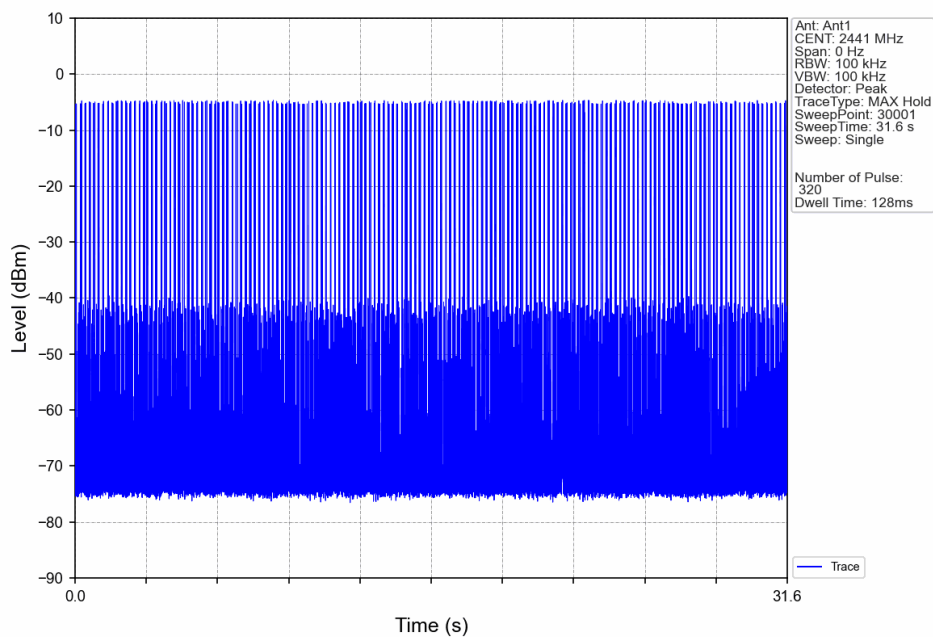
π /4DQPSK_2DH5_HOPP_Ant1_NTNV



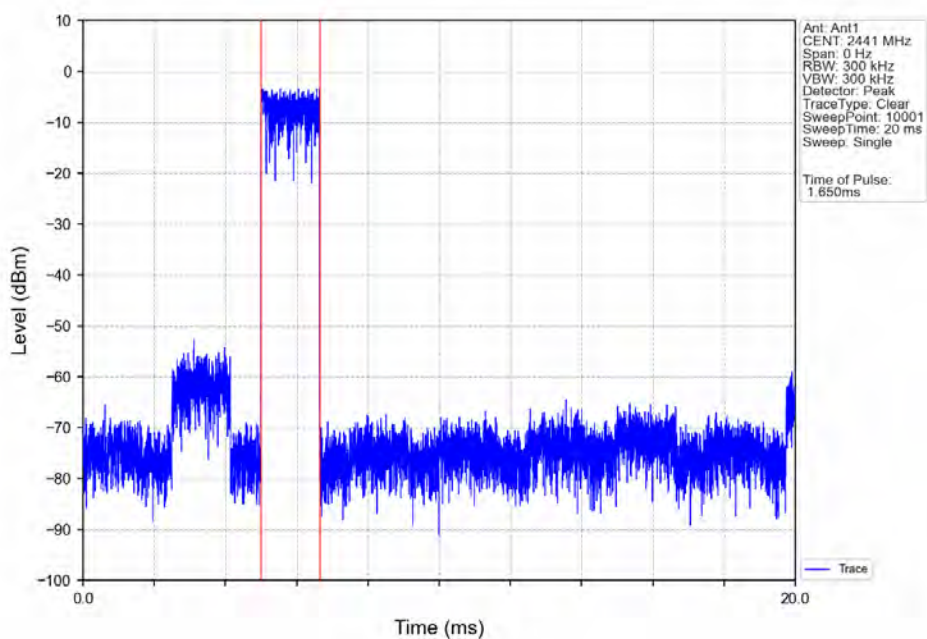
8DPSK_3DH1_HOPP_Ant1_NTNV



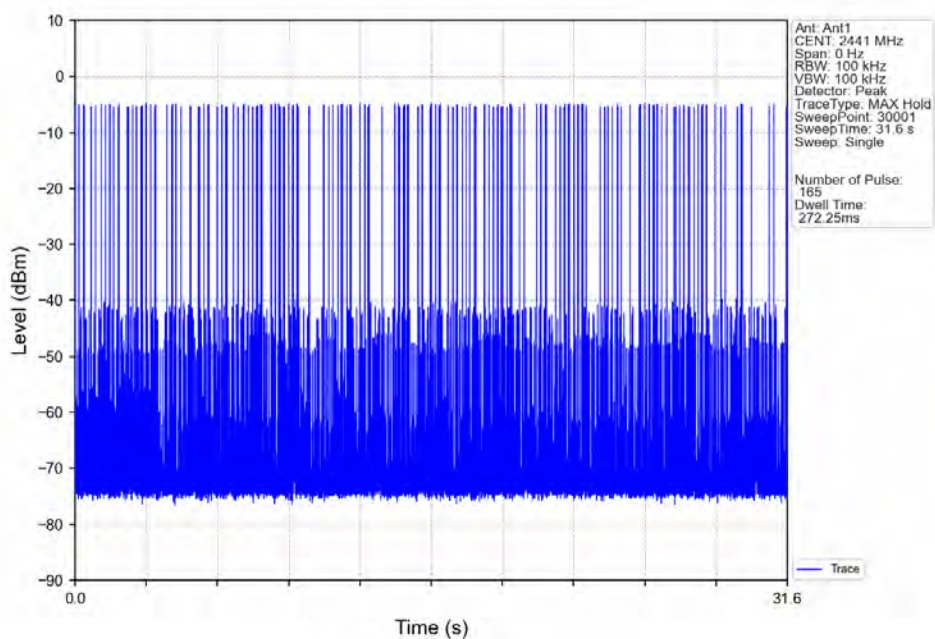
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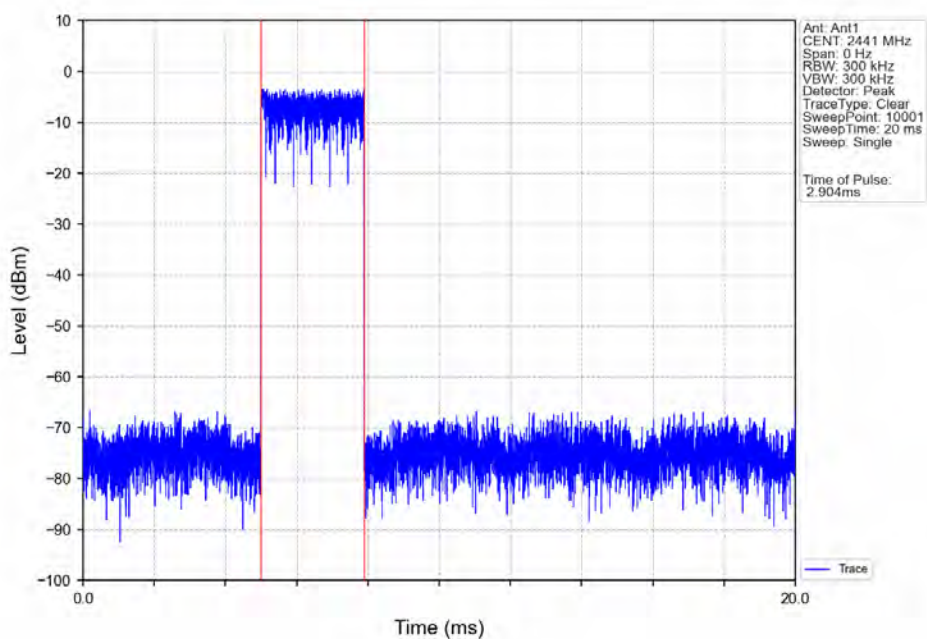
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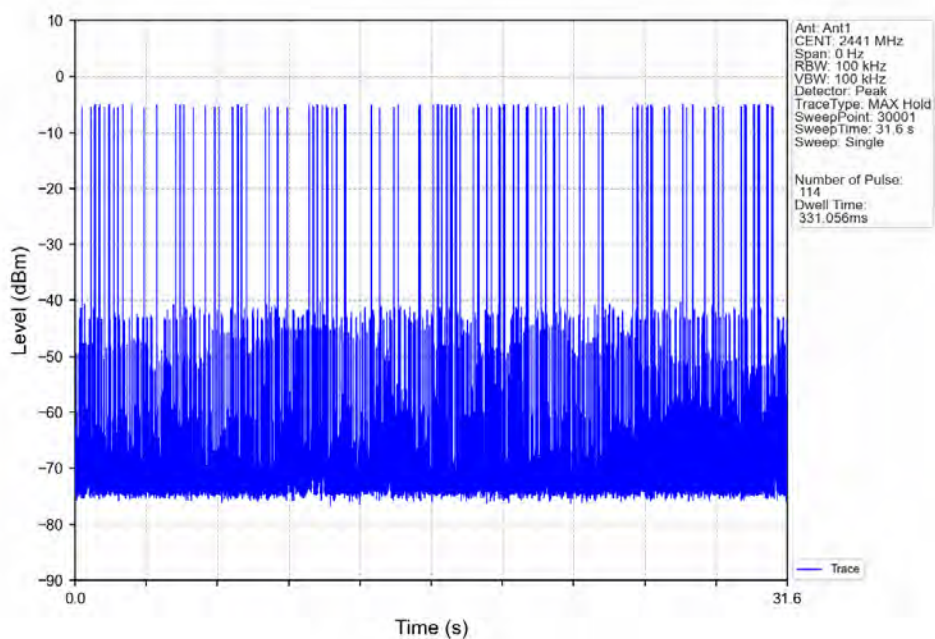
8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



7. Unwanted Emissions In Non-restricted Frequency Bands

7.1 Test Result

7.1.1 Ref

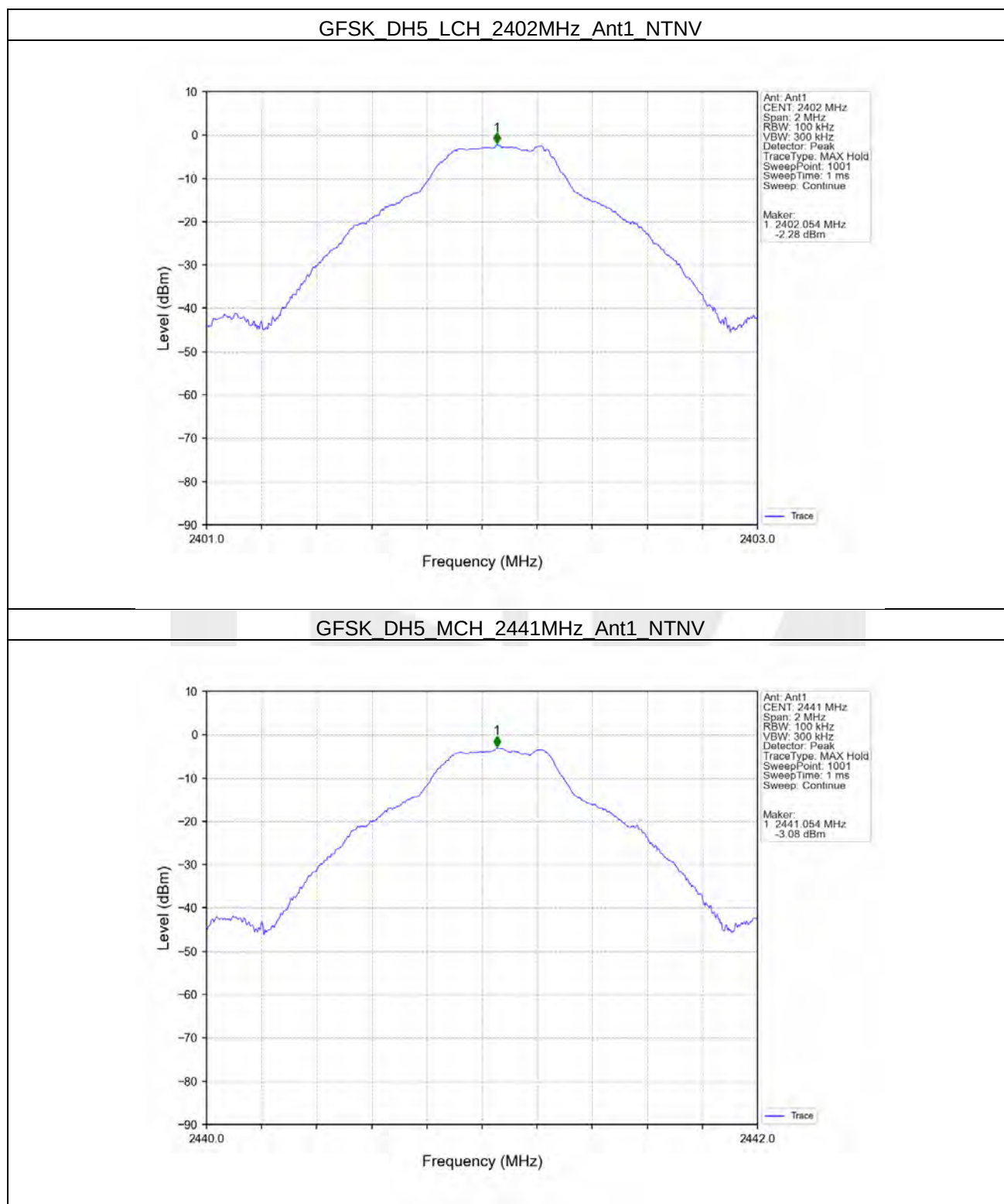
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-2.28
		2441	DH5	1	-3.08
		2480	DH5	1	-2.58
		HOPP	DH5	1	-2.62
					-2.62
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.63
		2441	2DH5	1	-3.26
		2480	2DH5	1	-2.05
		HOPP	2DH5	1	-2.09
					-2.09
8DPSK	SISO	2402	3DH5	1	-2.73
		2441	3DH5	1	-3.15
		2480	3DH5	1	-2.07
		HOPP	3DH5	1	-2.58
					-2.58

7.1.2 CSE

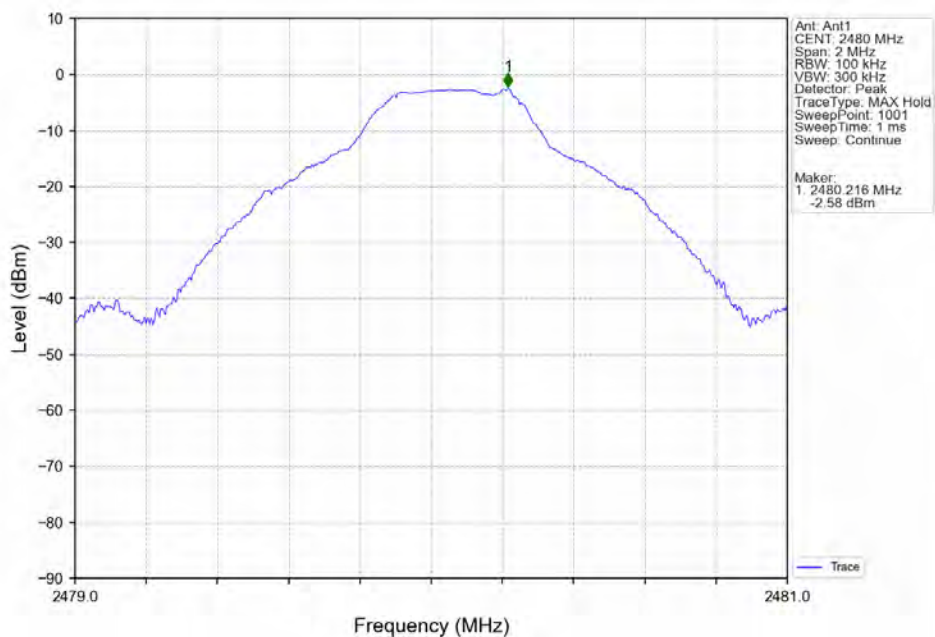
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-2.28	-22.28	Pass
		2441	DH5	1	-3.08	-23.08	Pass
		2480	DH5	1	-2.58	-22.58	Pass
		HOPP	DH5	1	-2.62	-22.62	Pass
					-2.62	-22.62	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.63	-22.63	Pass
		2441	2DH5	1	-3.26	-23.26	Pass
		2480	2DH5	1	-2.05	-22.05	Pass
		HOPP	2DH5	1	-2.09	-22.09	Pass
					-2.09	-22.09	Pass
8DPSK	SISO	2402	3DH5	1	-2.73	-22.73	Pass
		2441	3DH5	1	-3.15	-23.15	Pass
		2480	3DH5	1	-2.07	-22.07	Pass
		HOPP	3DH5	1	-2.58	-22.58	Pass
					-2.58	-22.58	Pass

7.2 Test Graph

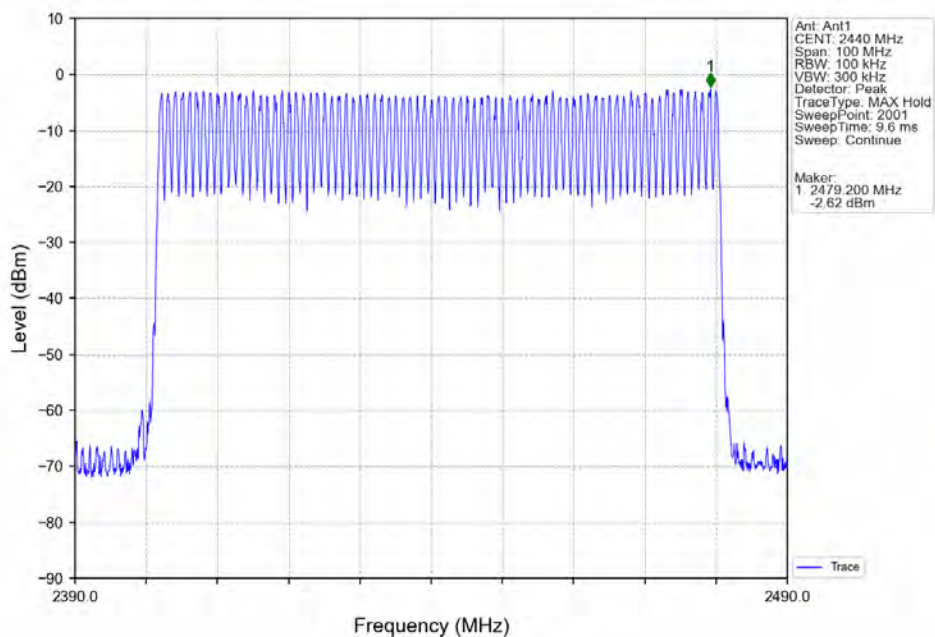
7.2.1 Ref



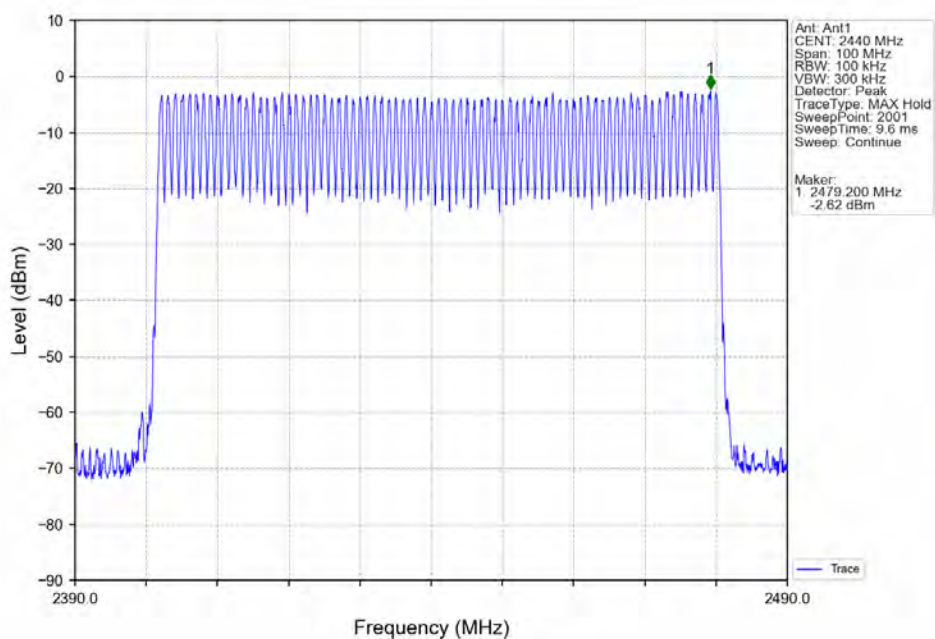
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



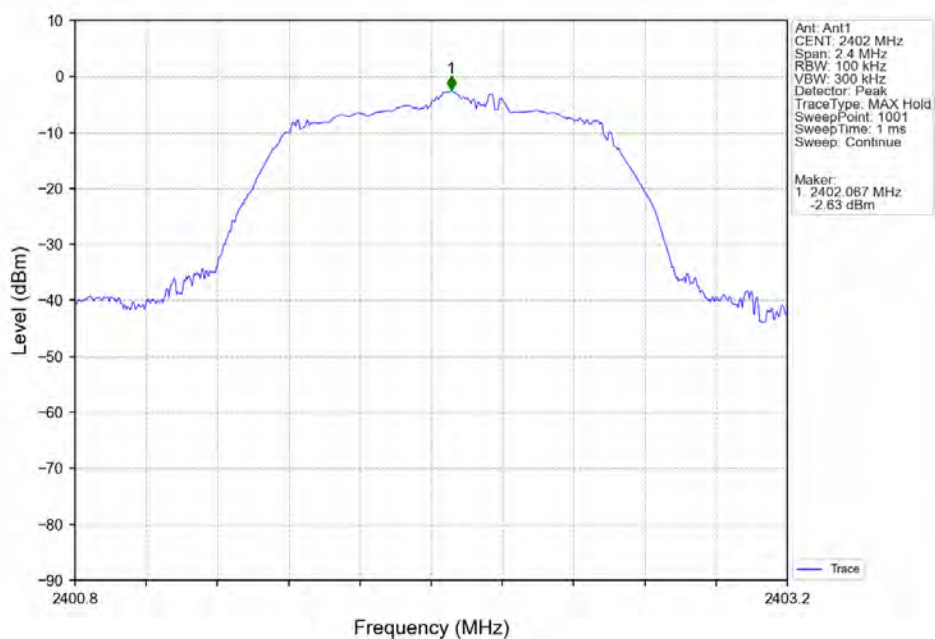
GFSK_DH5_HOPP_Ant1_NTNV



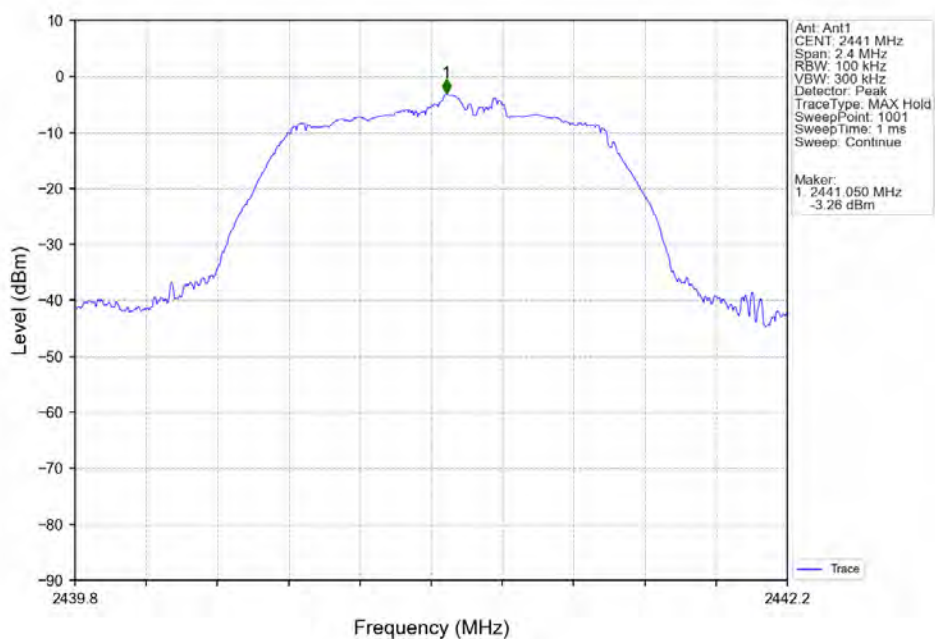
GFSK_DH5_HOPP_Ant1_NTNV



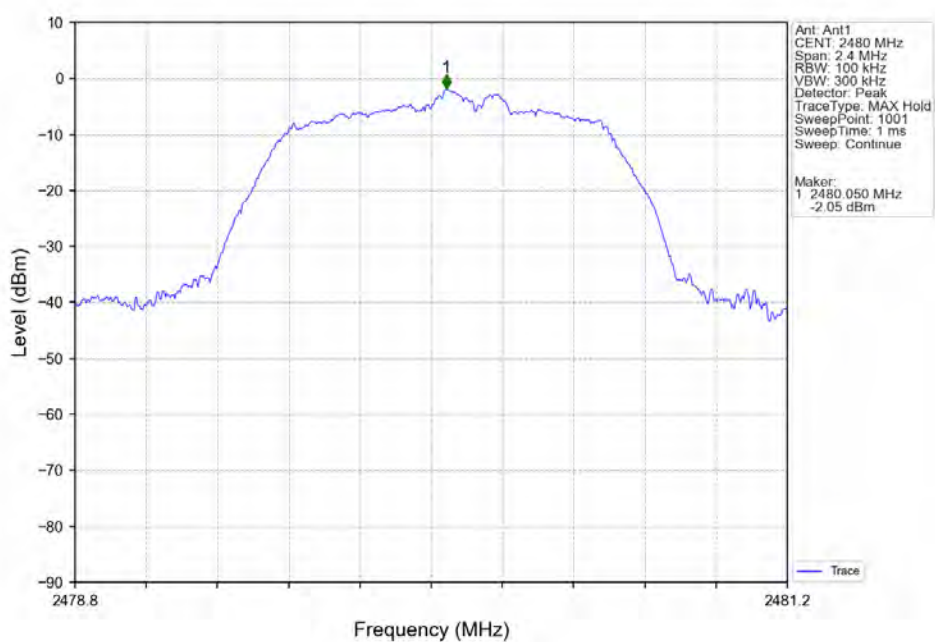
π /4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



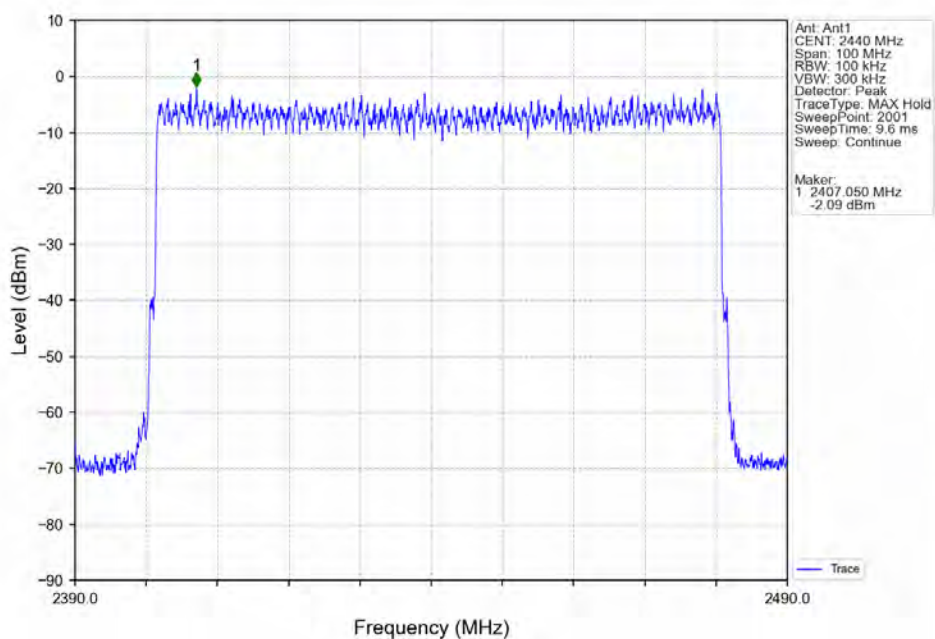
π /4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



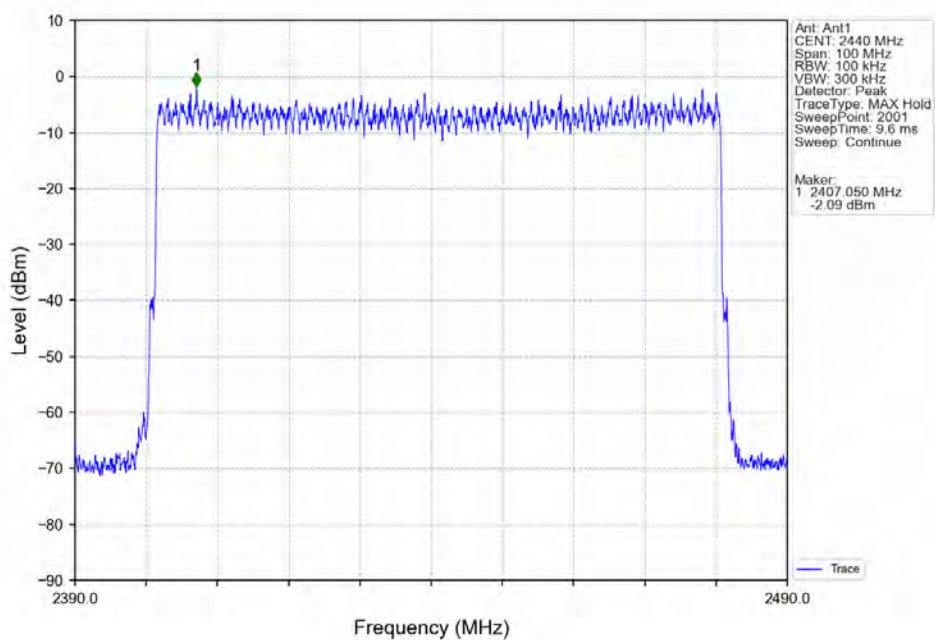
π /4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



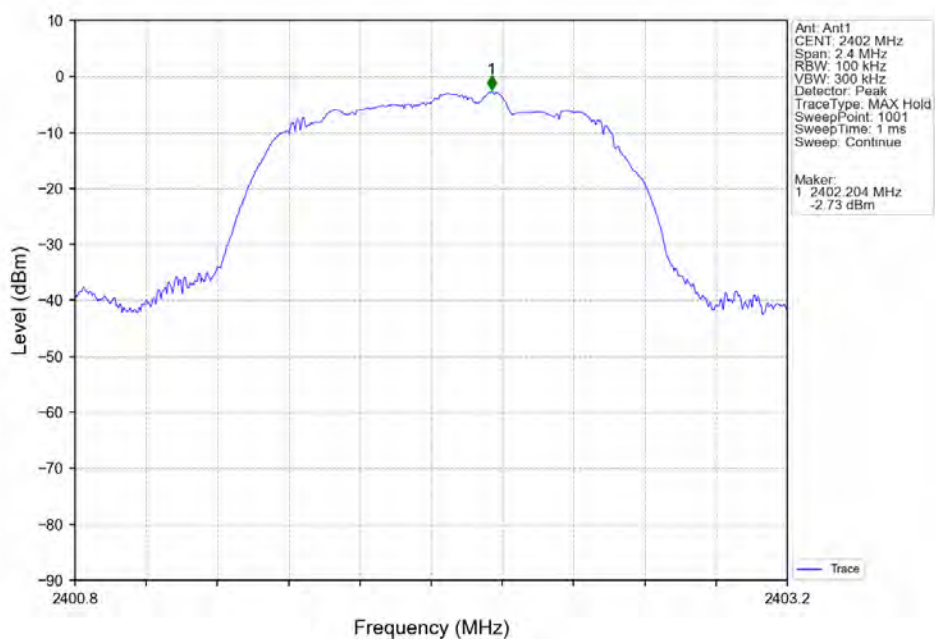
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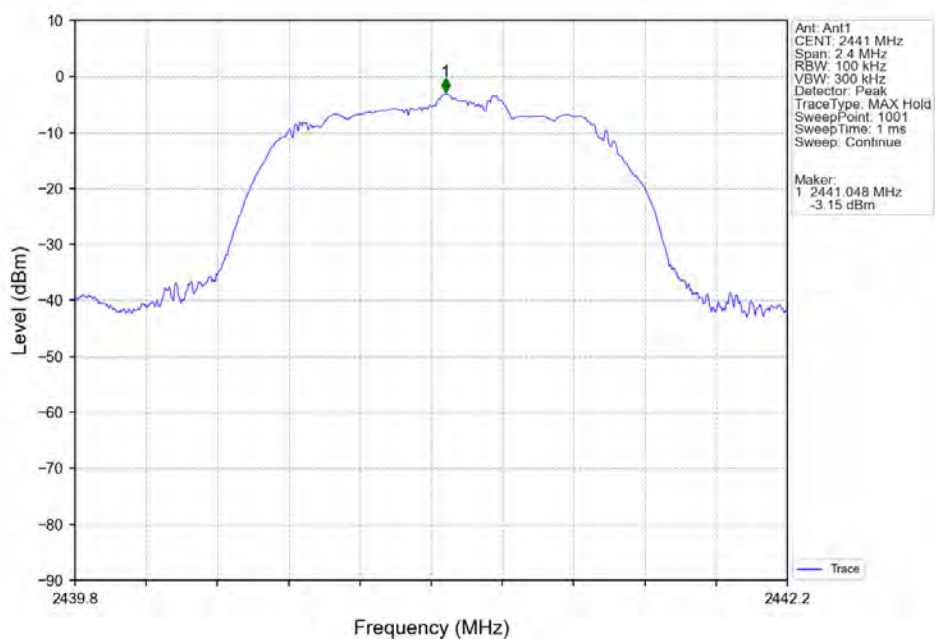
π /4DQPSK_2DH5_HOPP_Ant1_NTNV



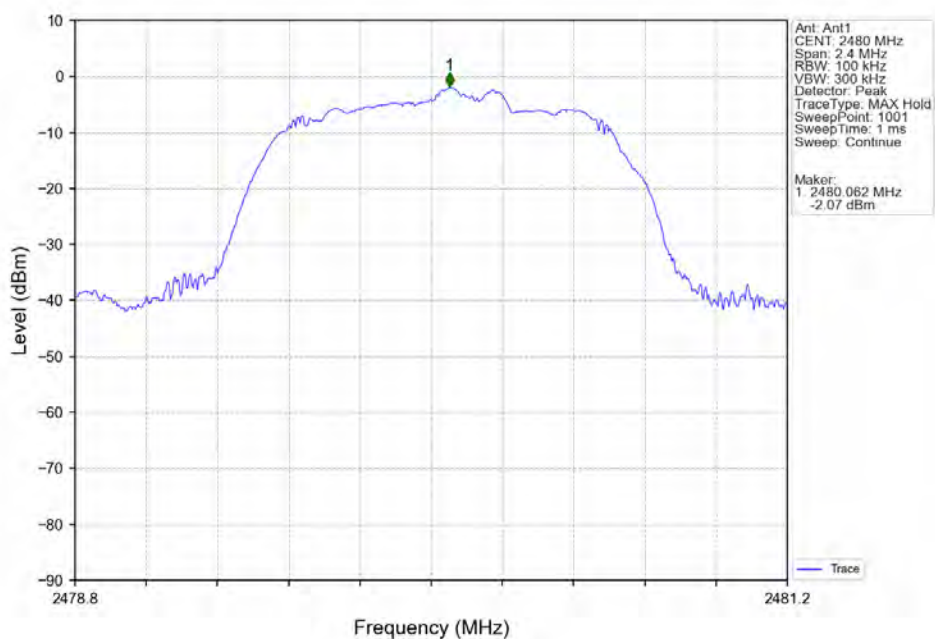
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



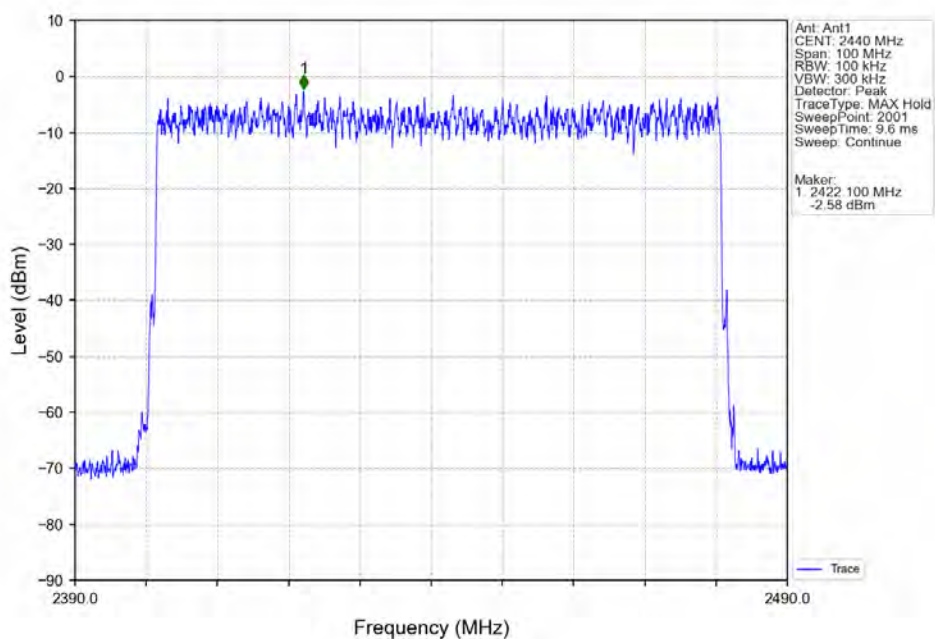
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

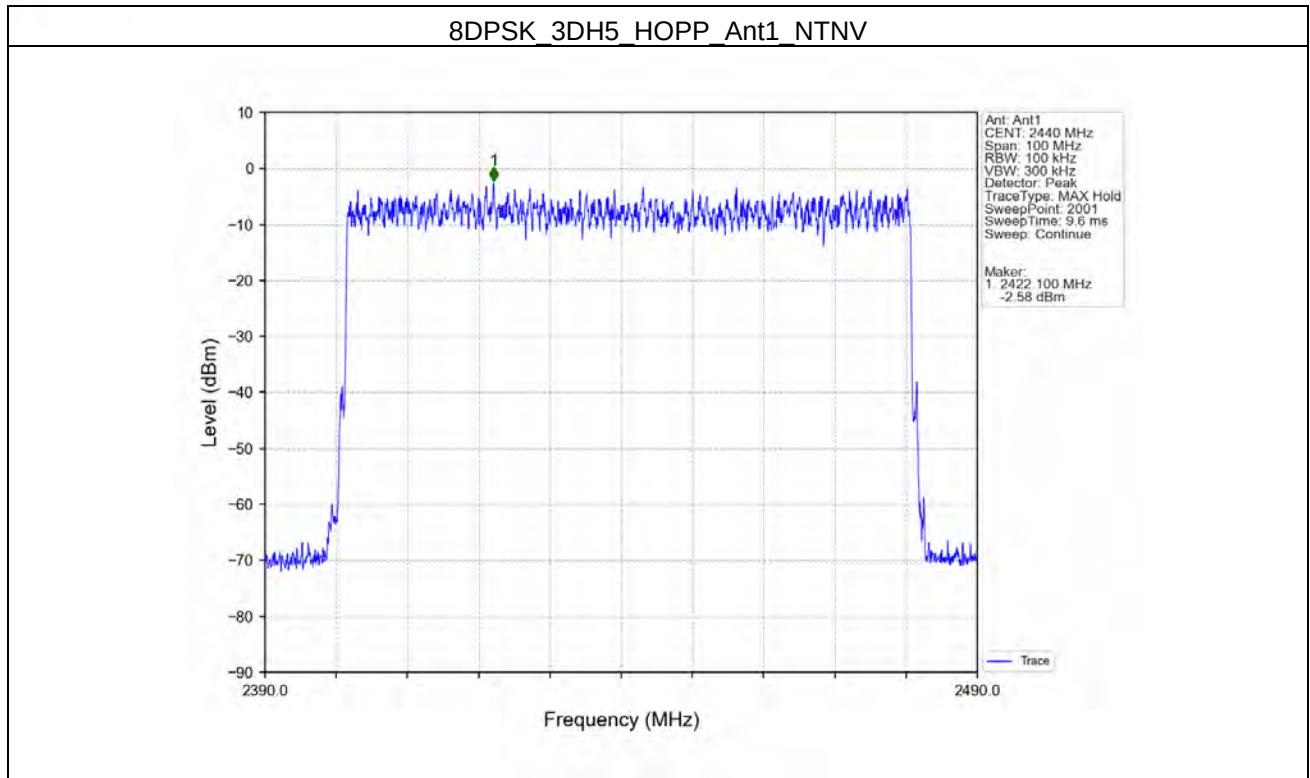


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

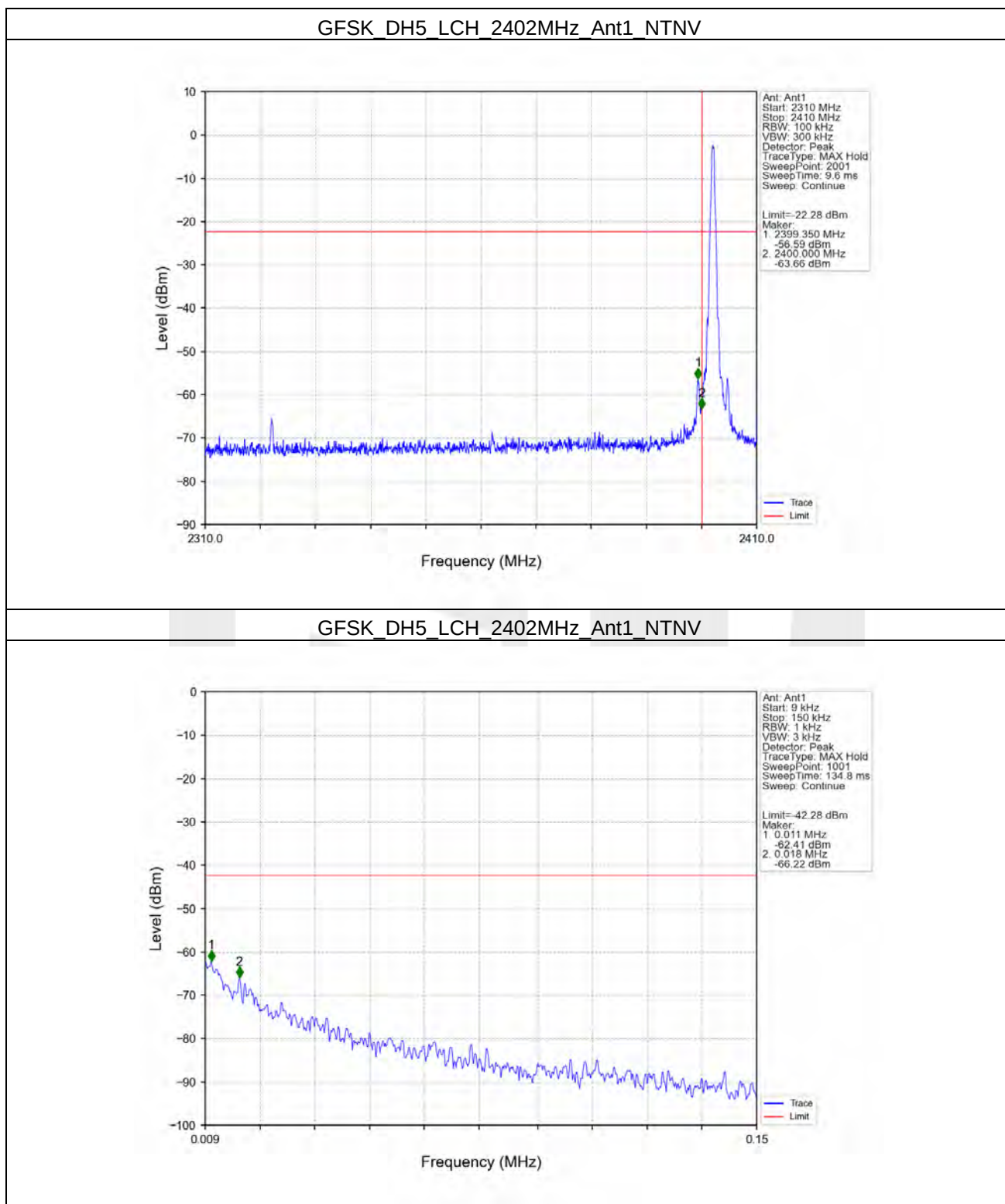


8DPSK_3DH5_HOPP_Ant1_NTNV

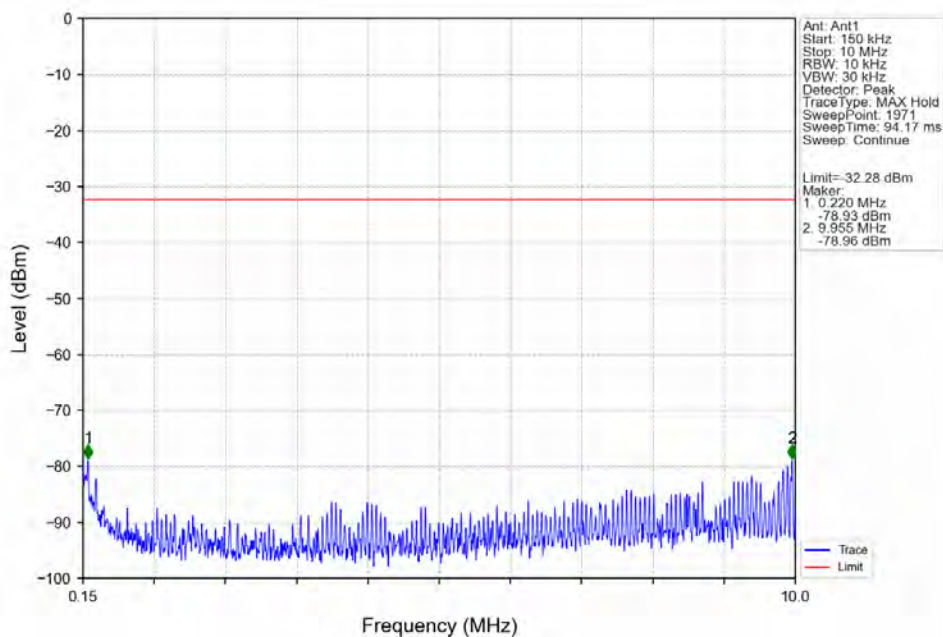




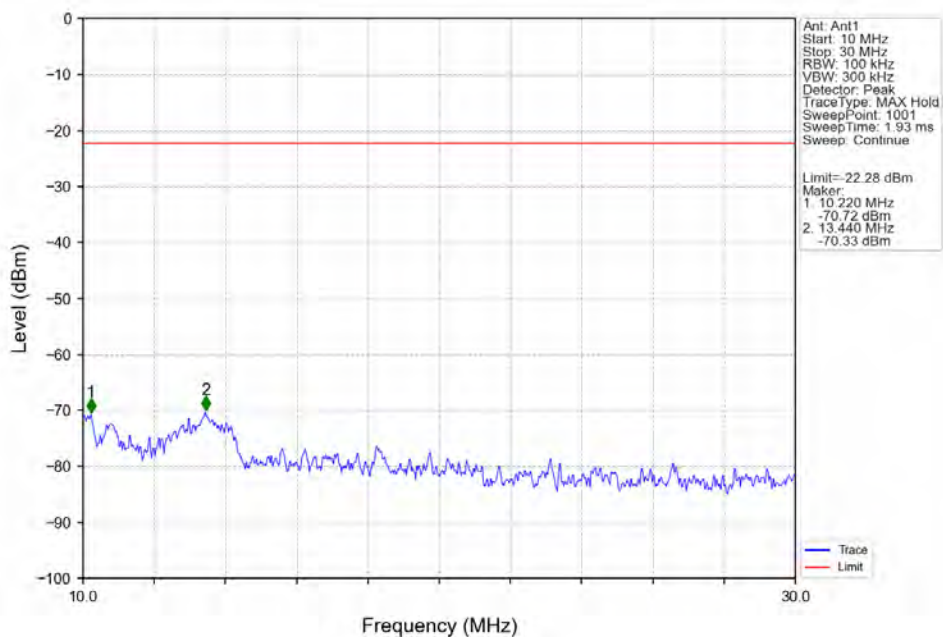
7.2.2 CSE



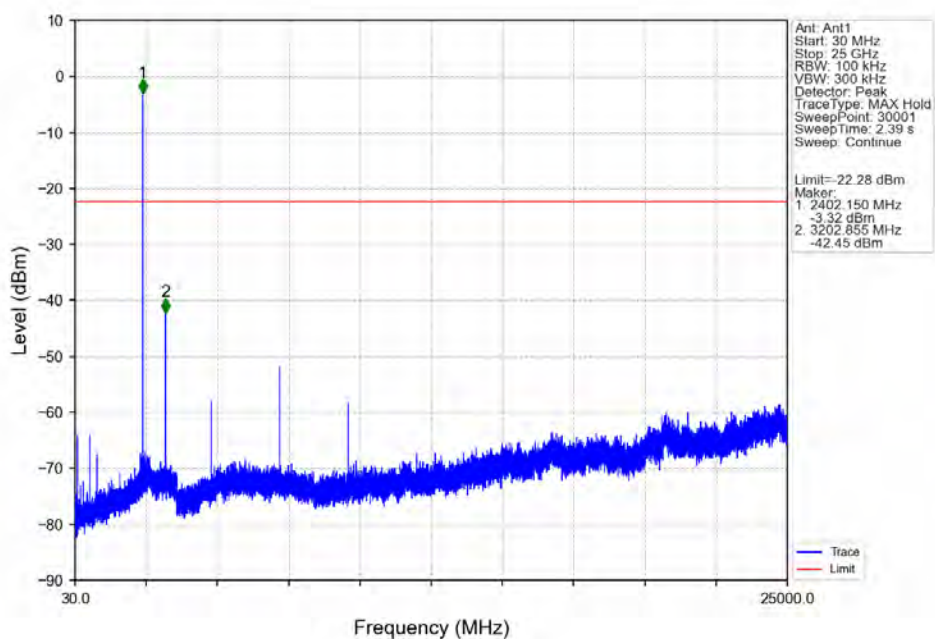
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



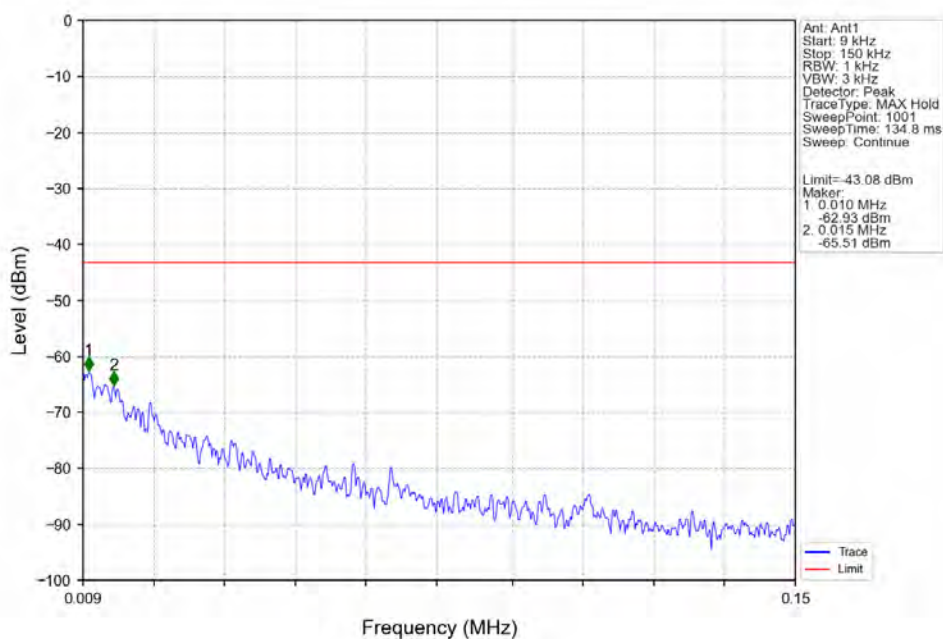
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



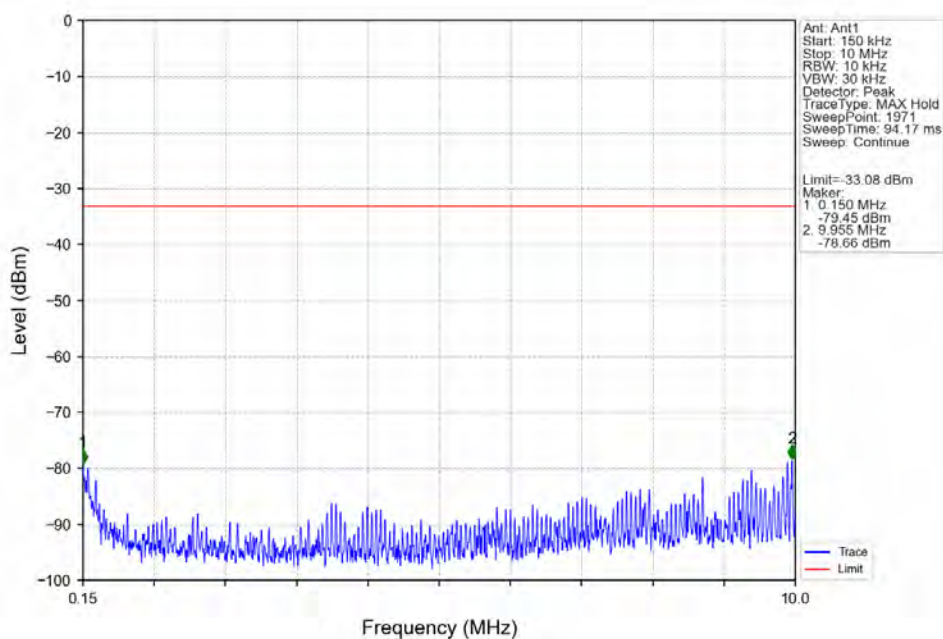
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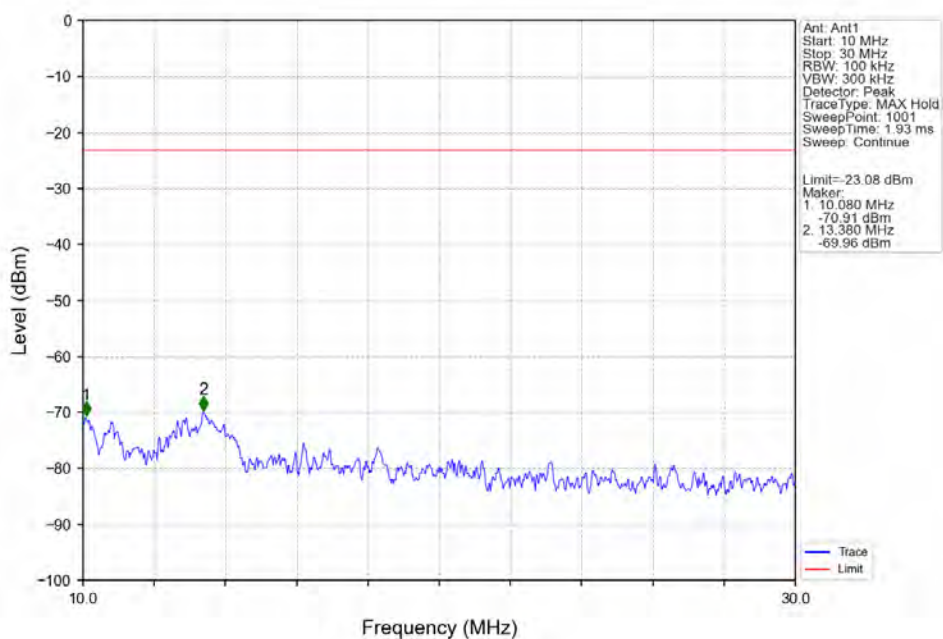
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



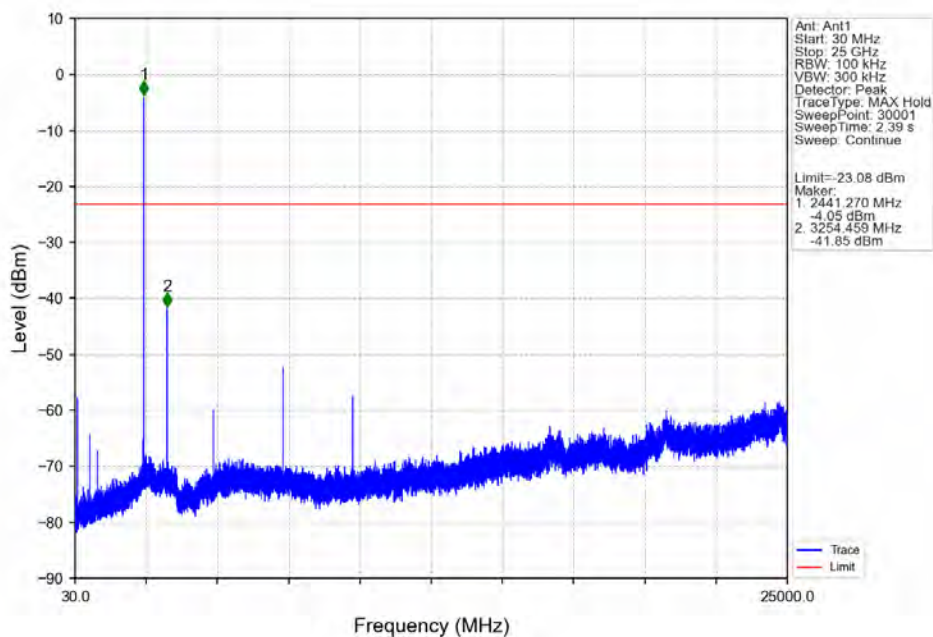
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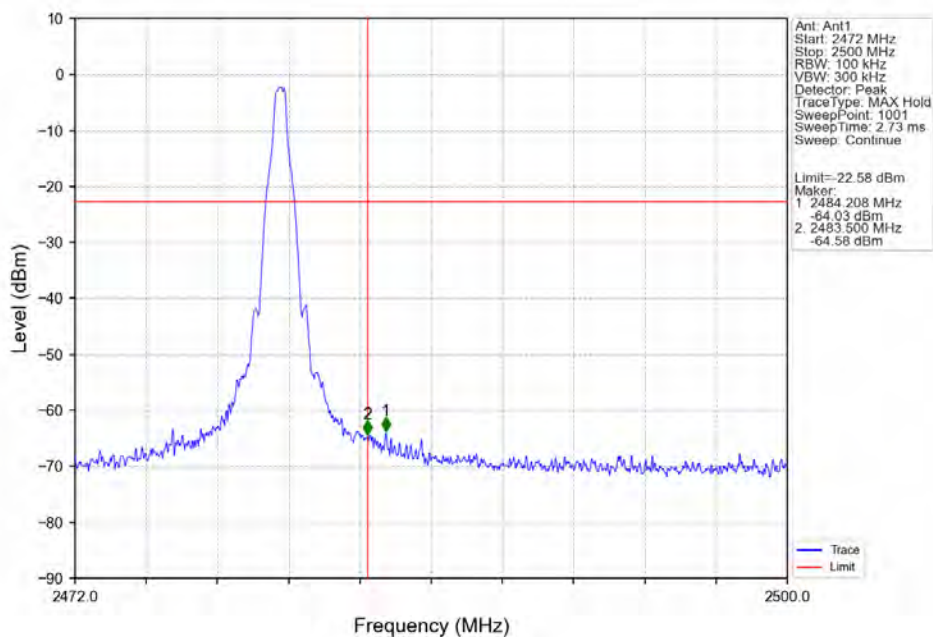
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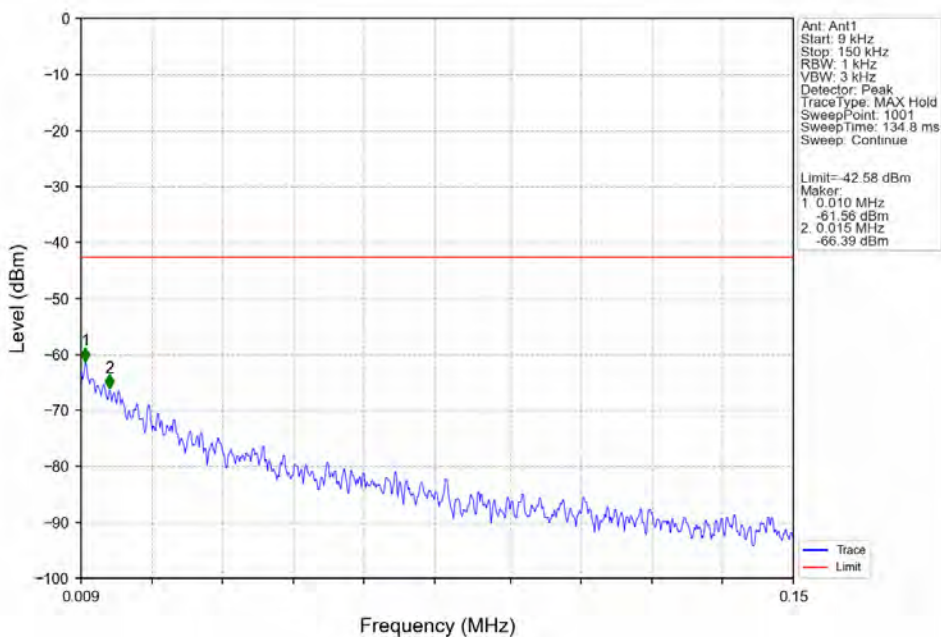
GFSK DH5 MCH 2441MHz Ant1 NTN



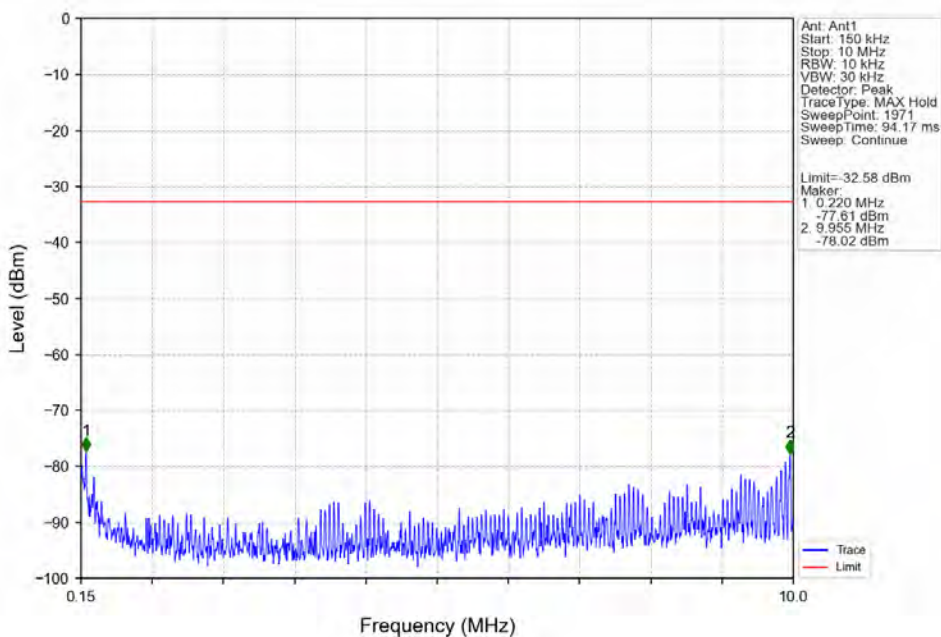
GFSK DH5 HCH 2480MHz Ant1 NTN



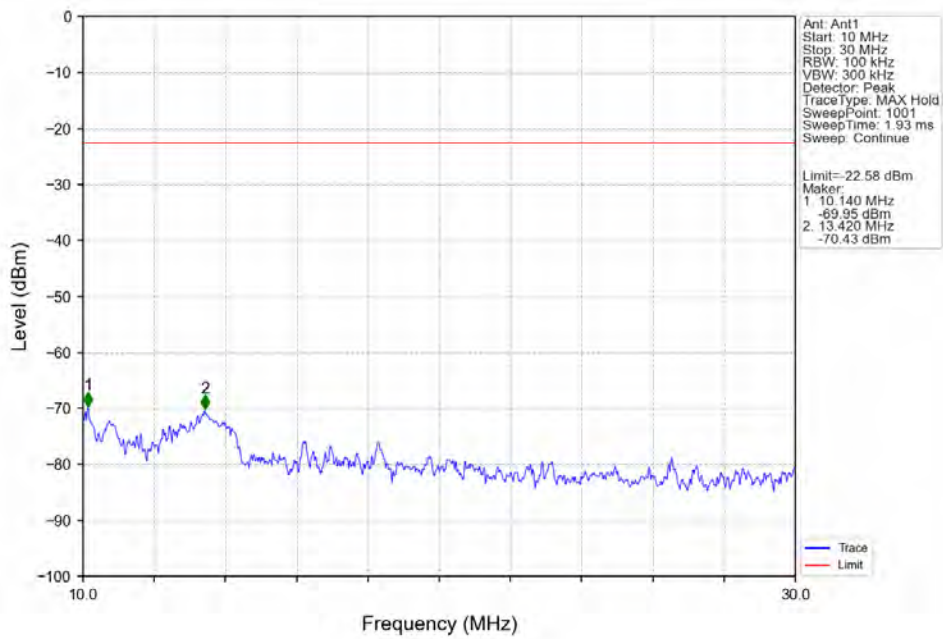
GFSK DH5 HCH 2480MHz Ant1 NTN



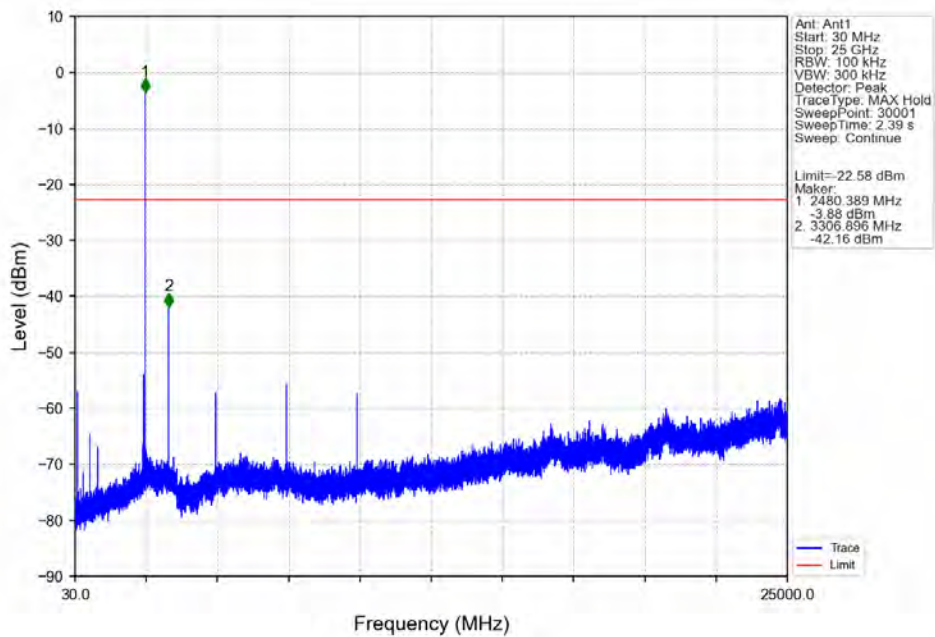
GFSK DH5 HCH 2480MHz Ant1 NTN



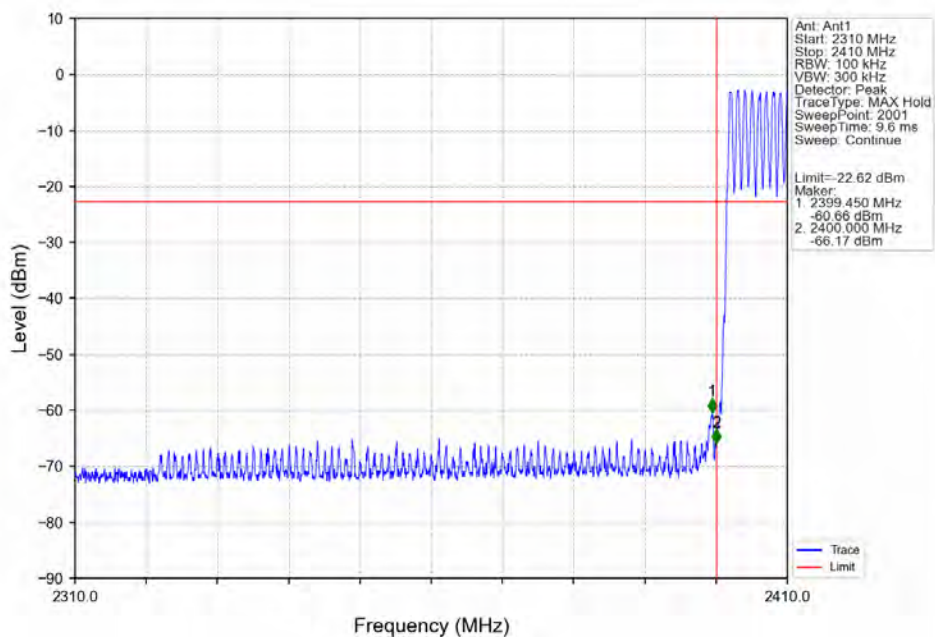
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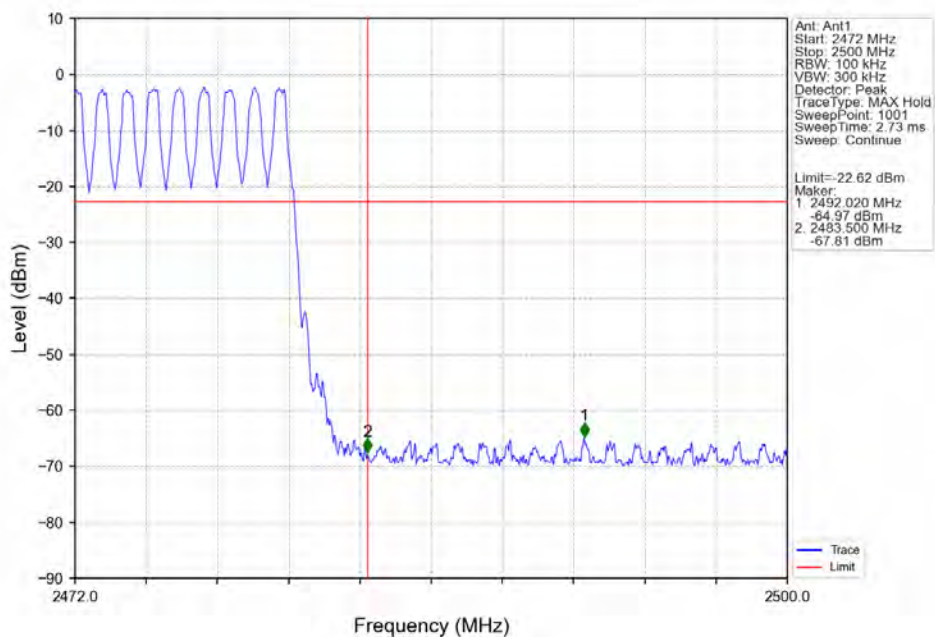
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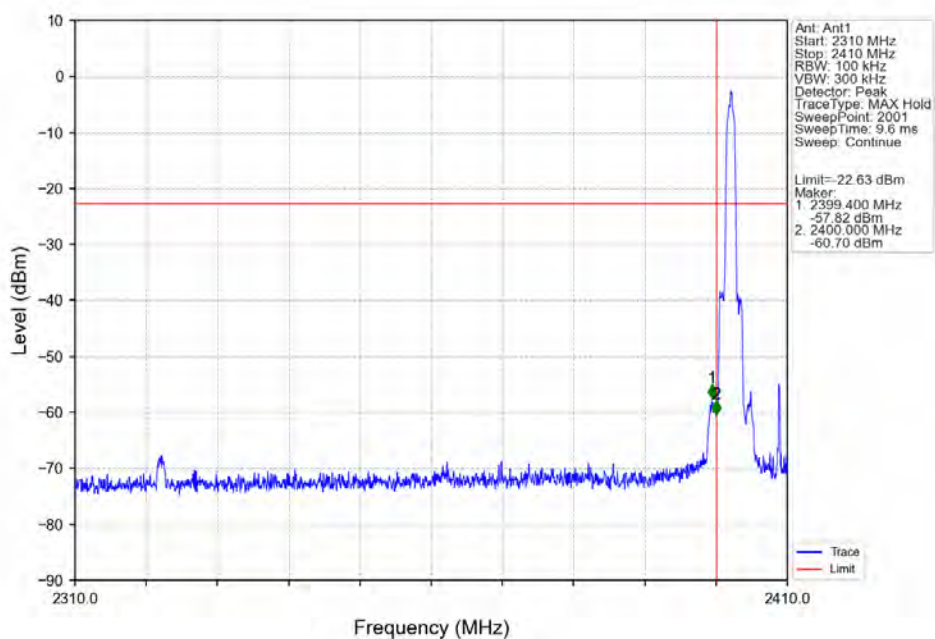
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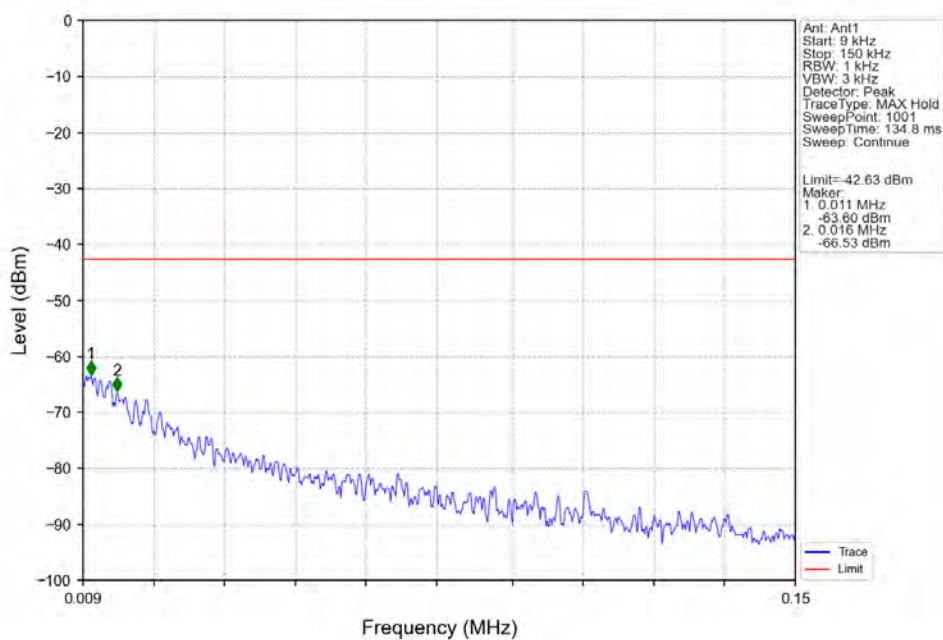
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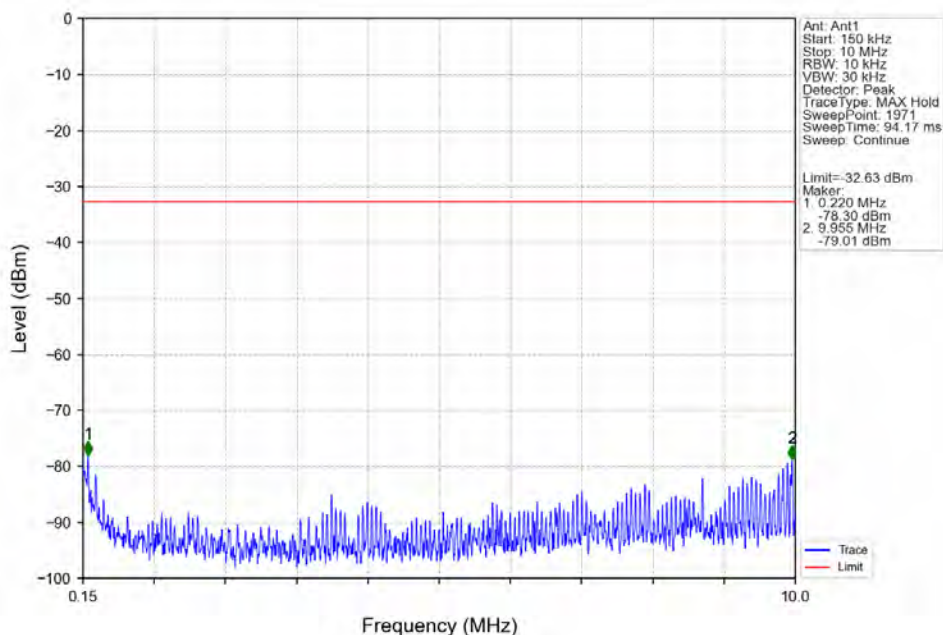
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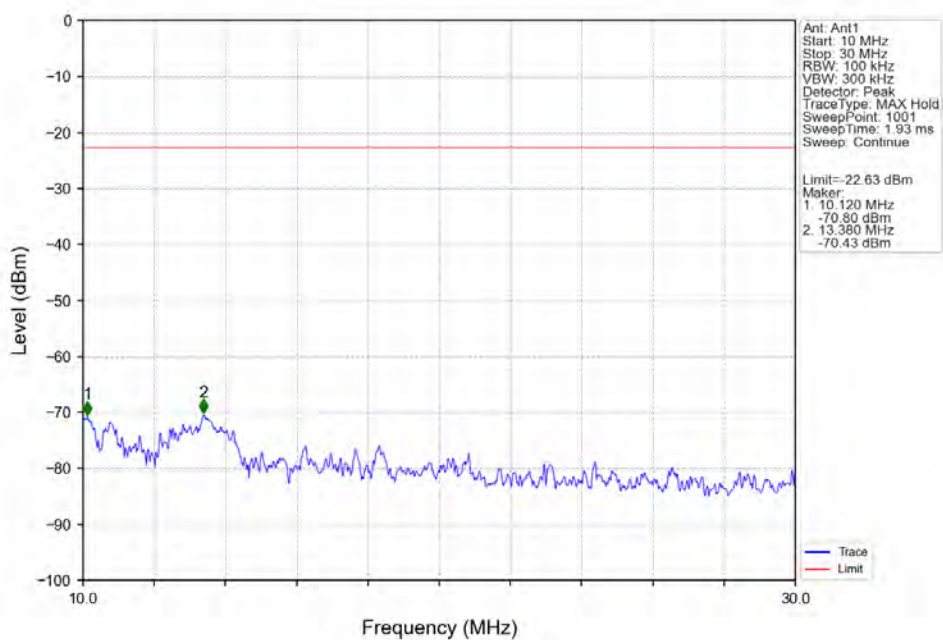
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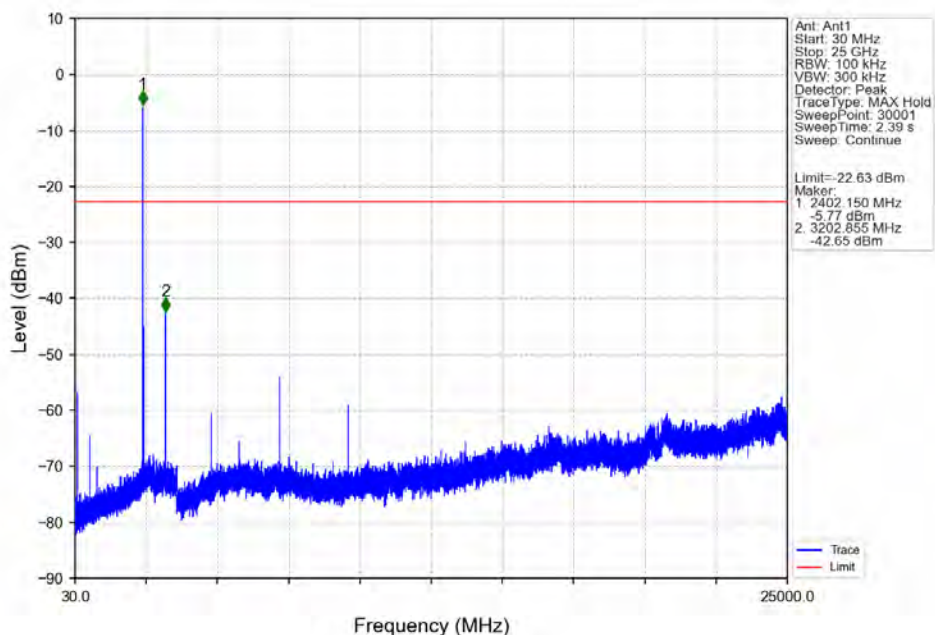
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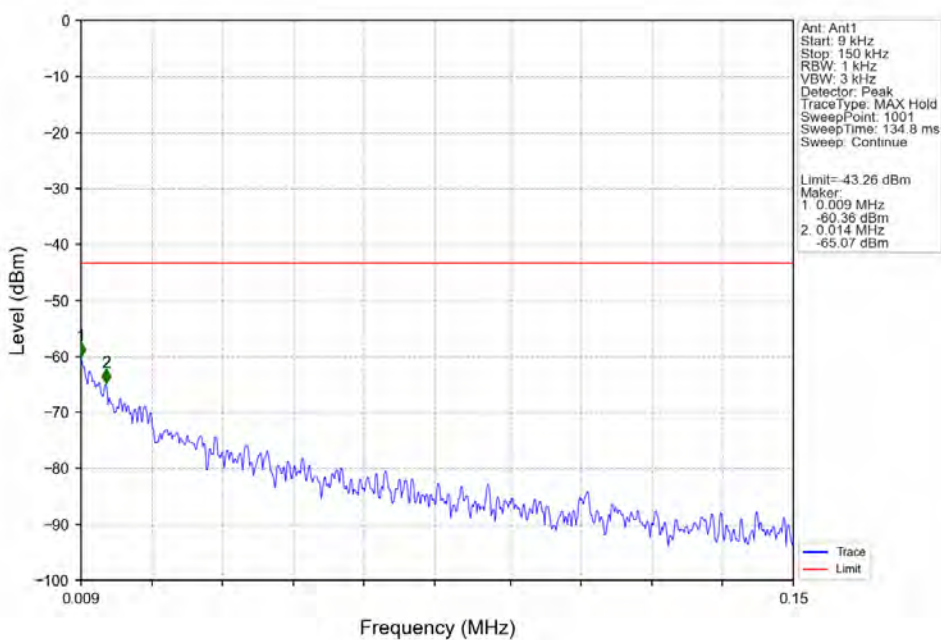
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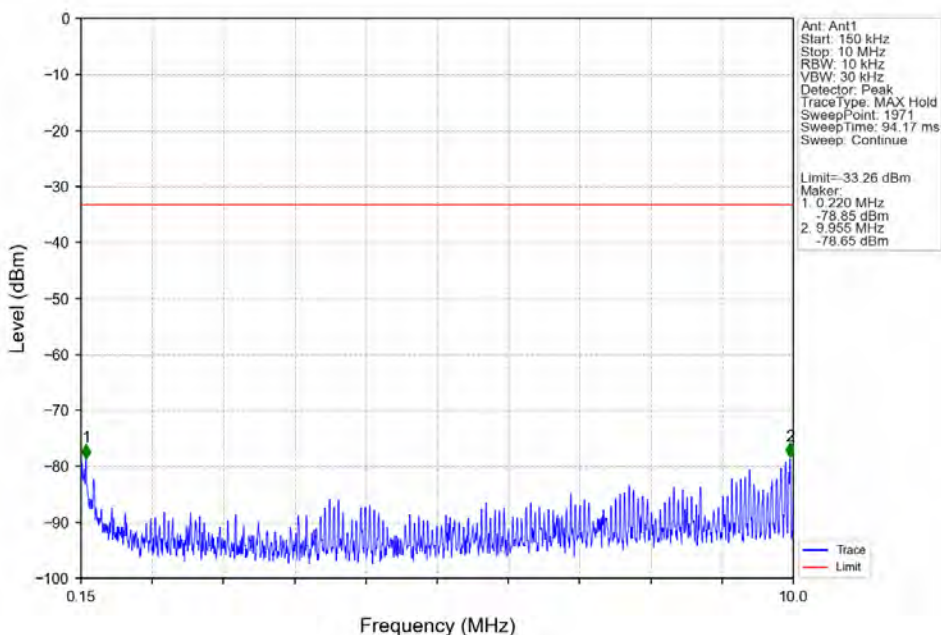
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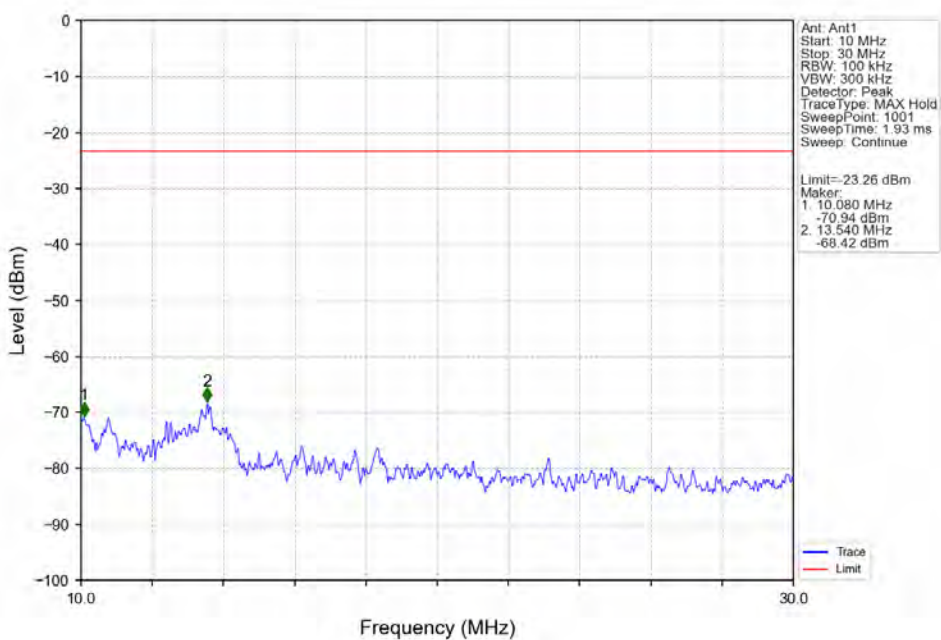
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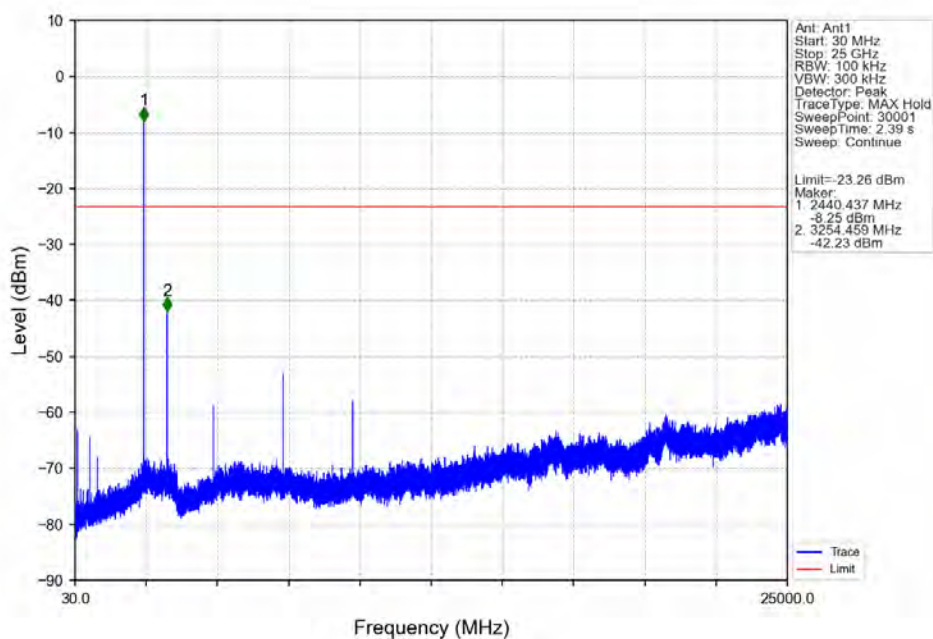
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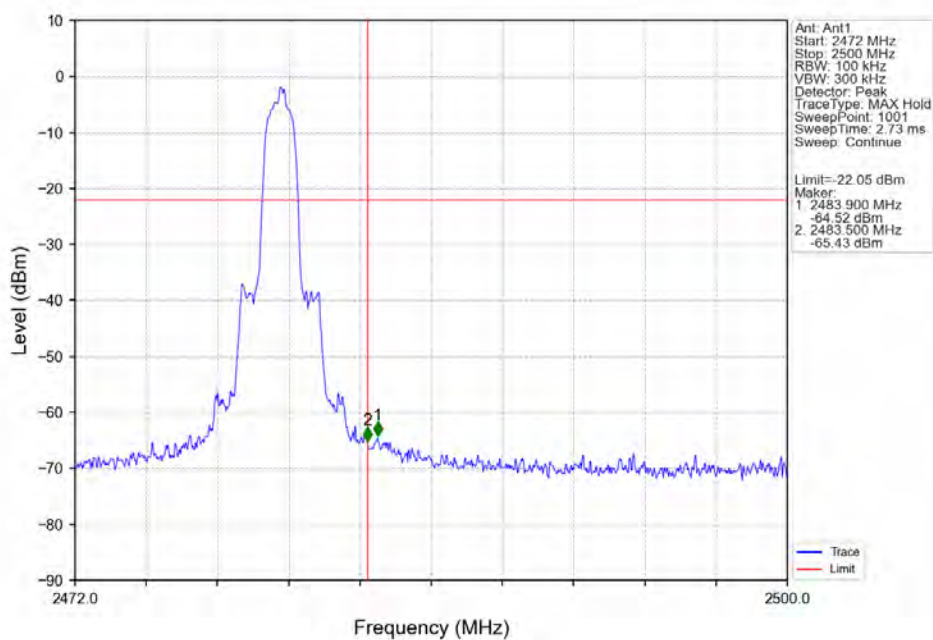
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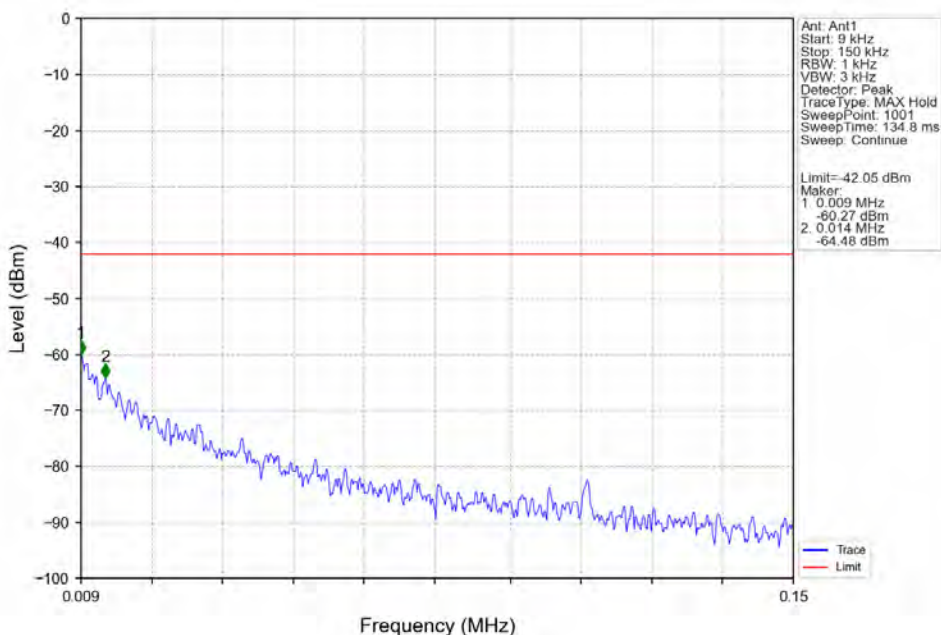
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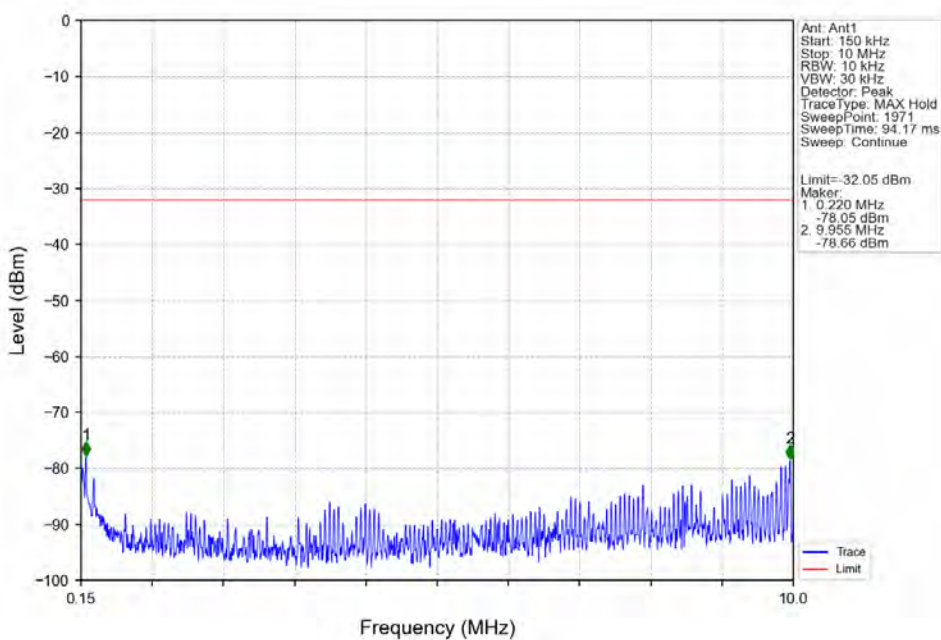
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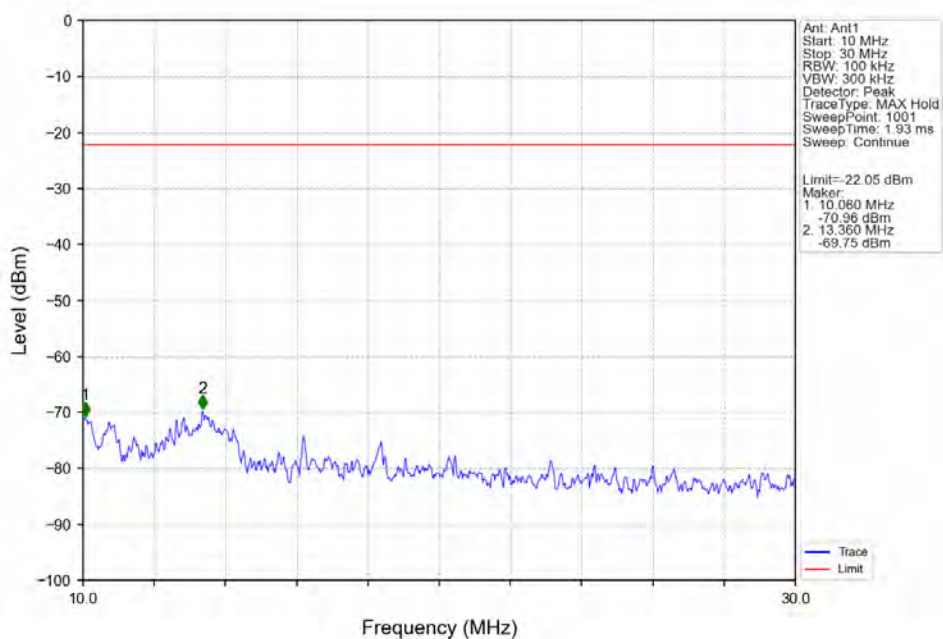
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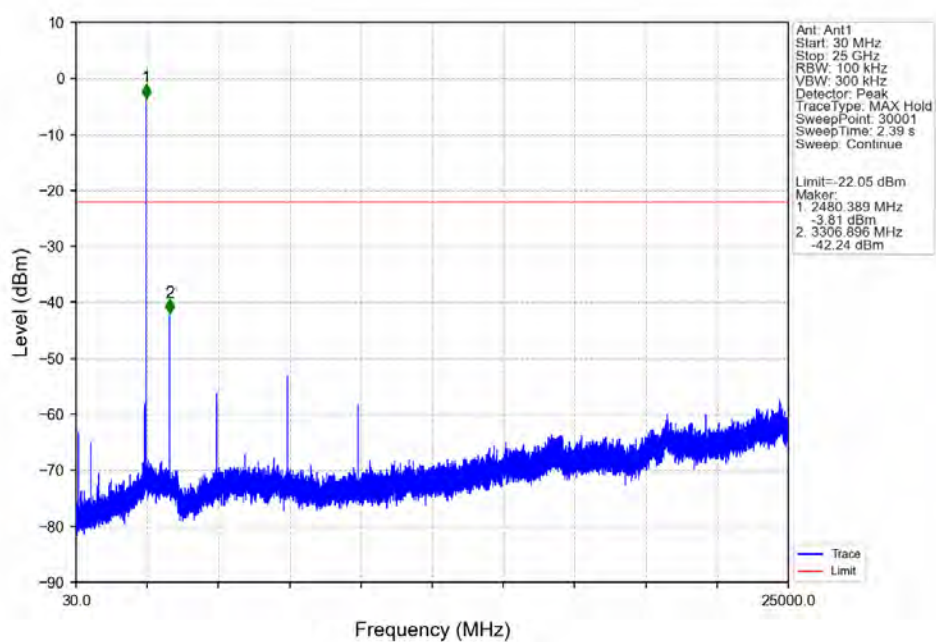
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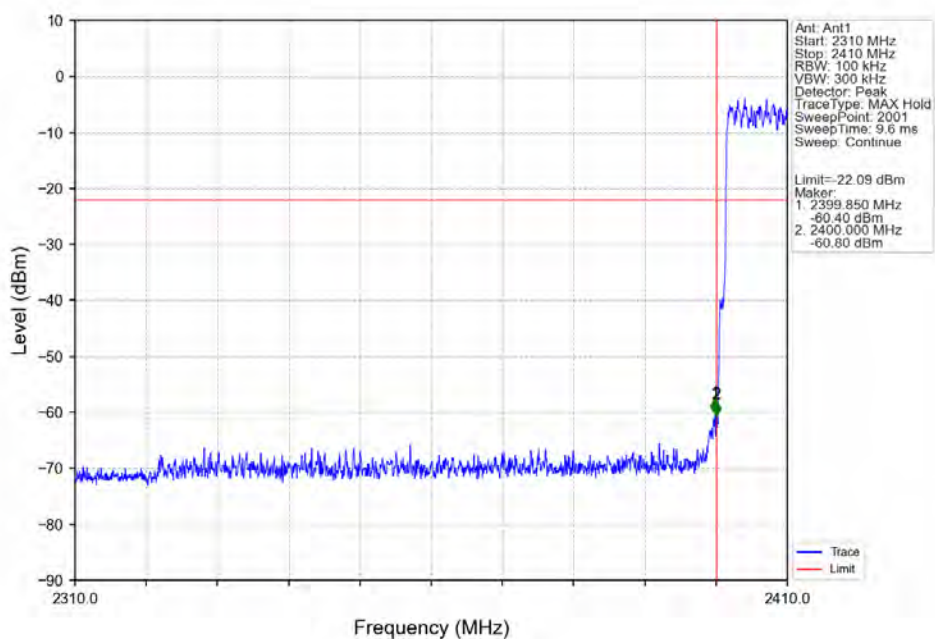
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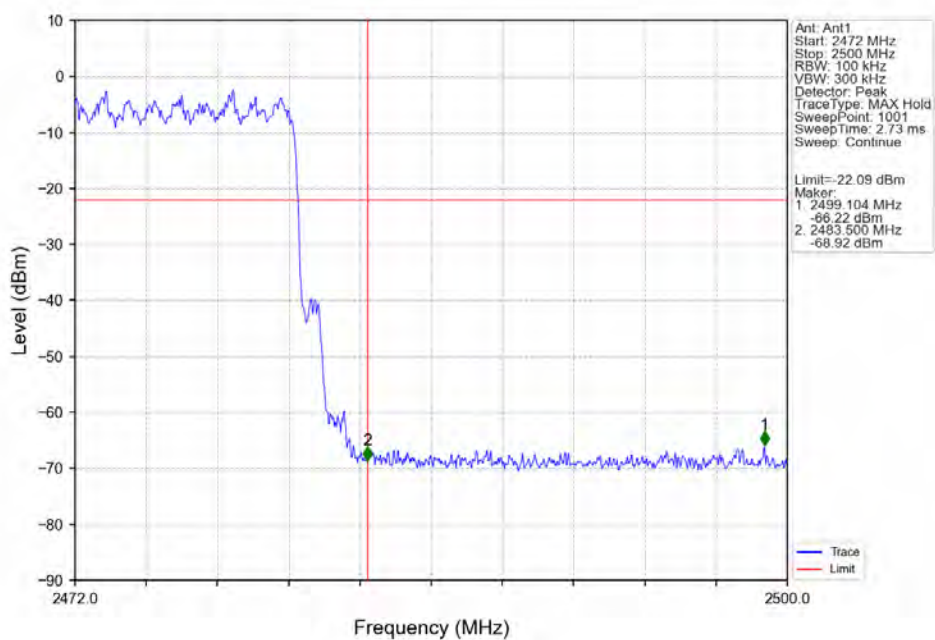
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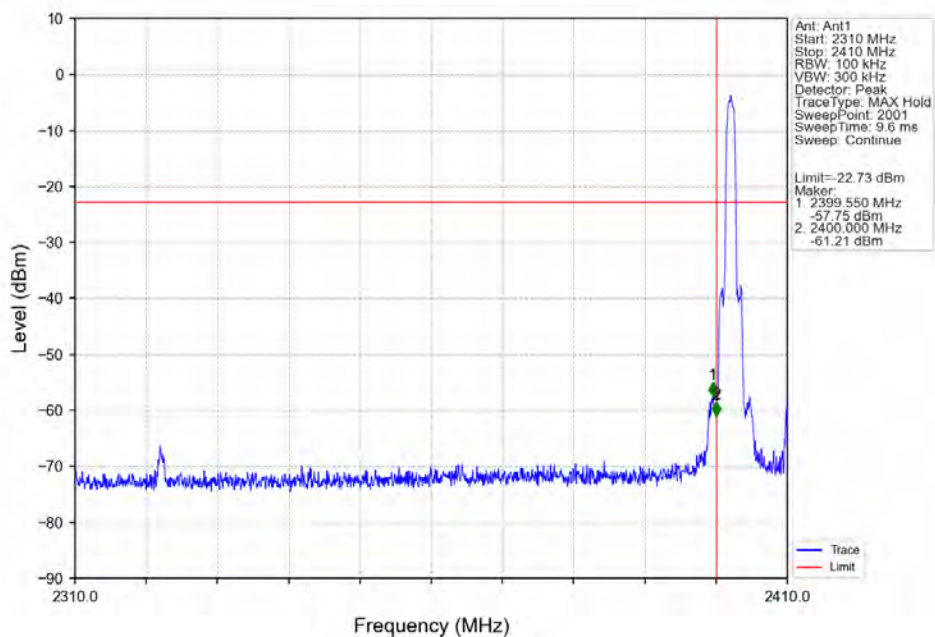
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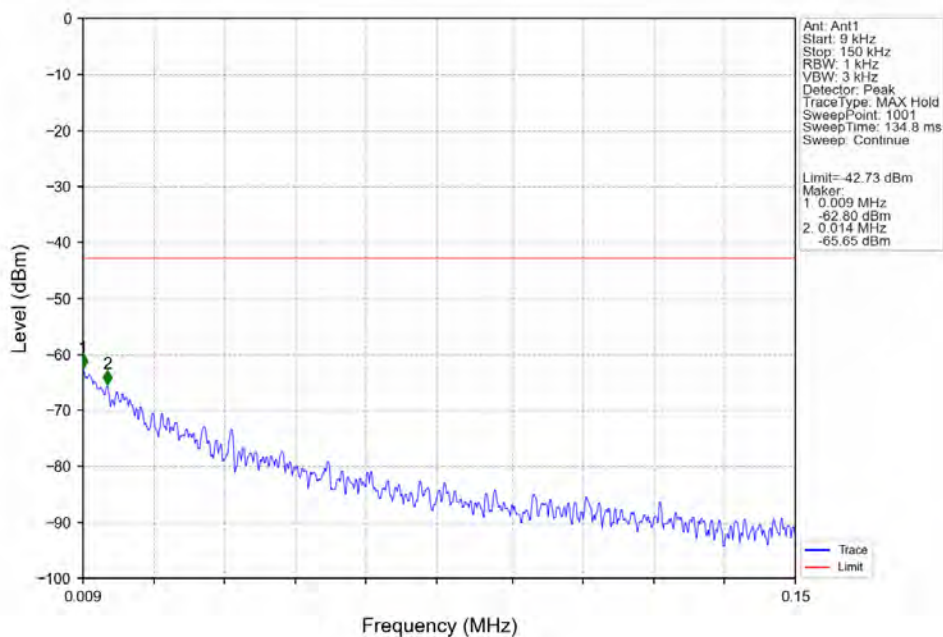
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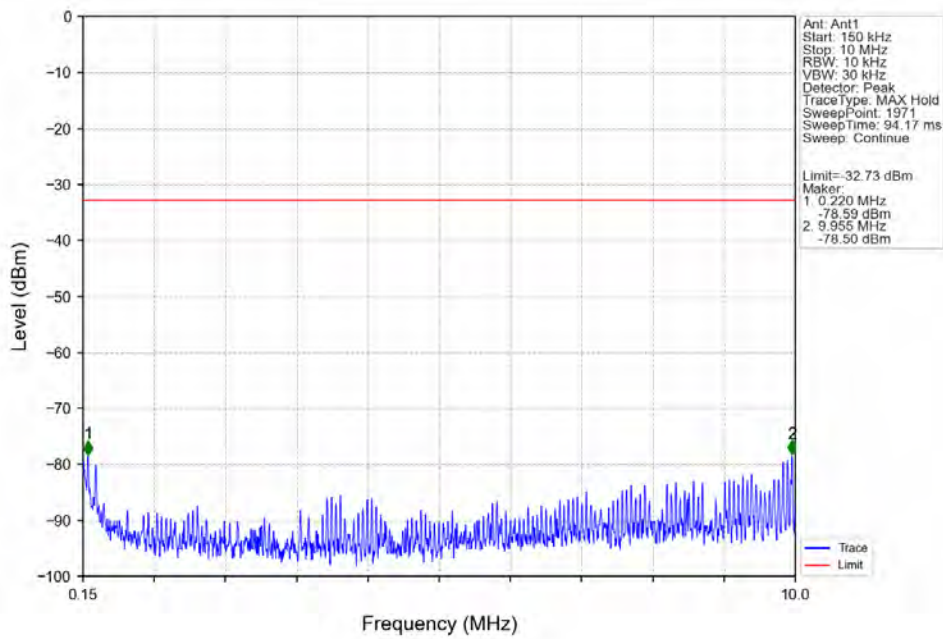
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



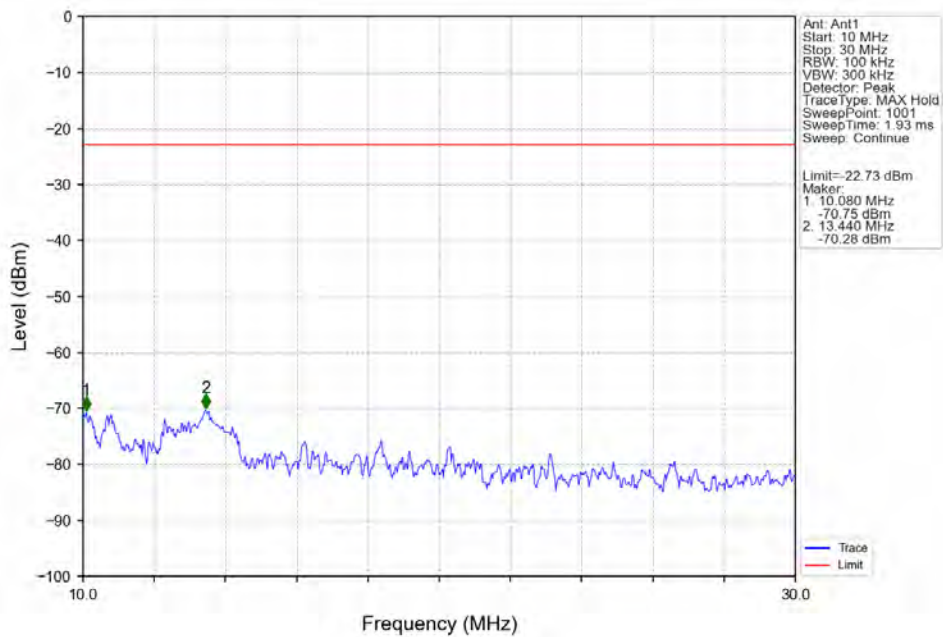
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



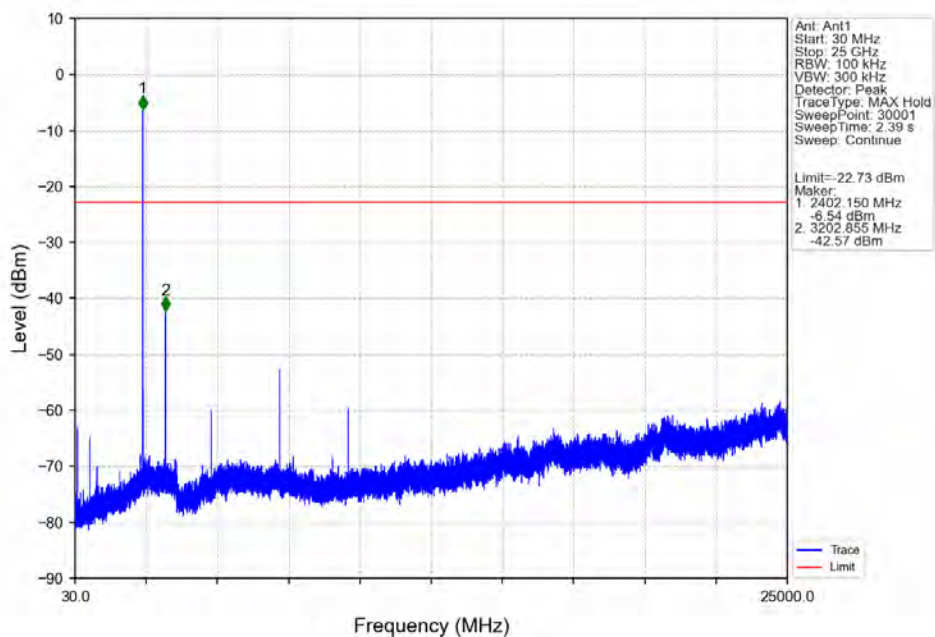
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



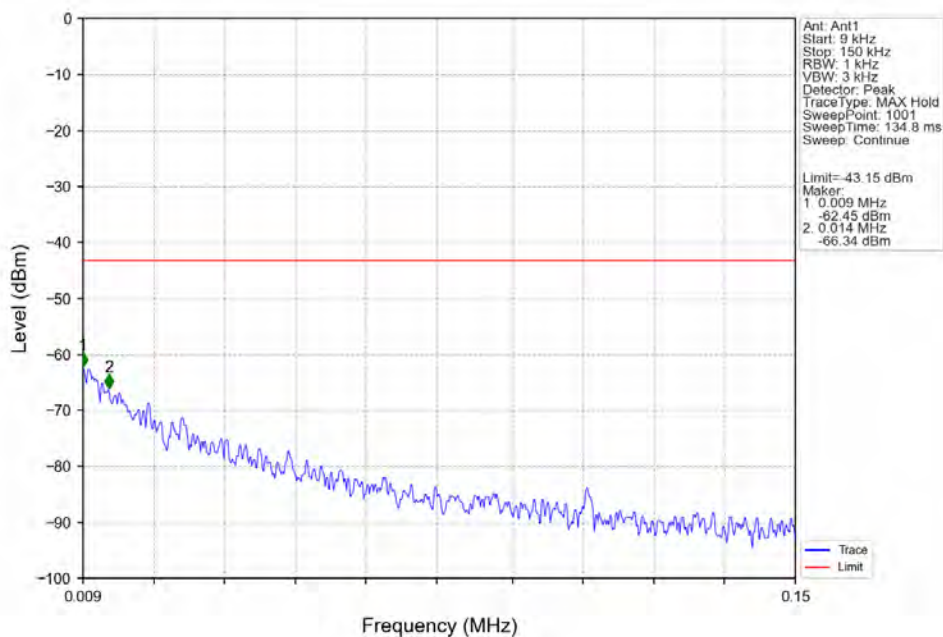
8DPSK 3DH5 LCH 2402MHz Ant1 NTN



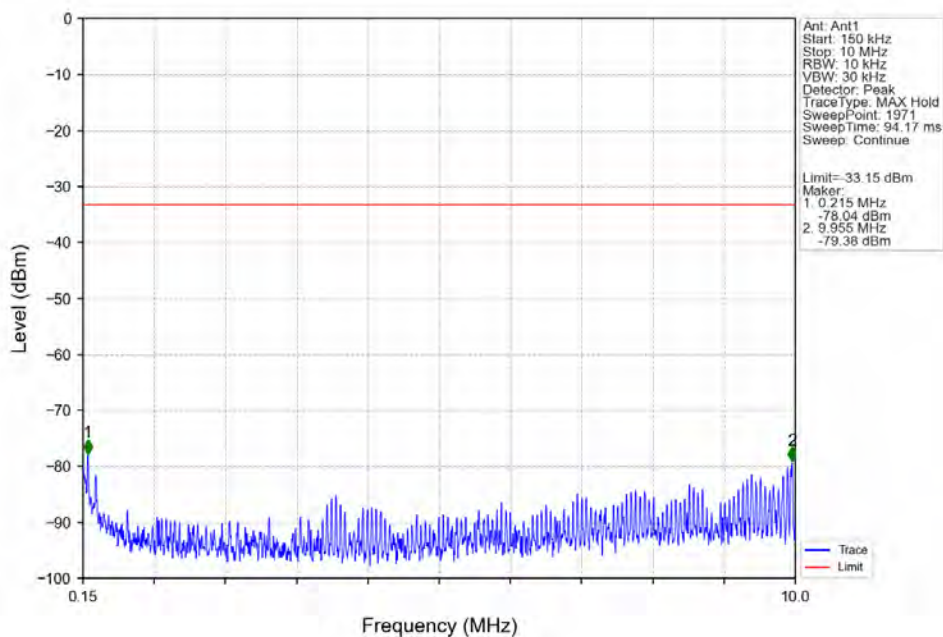
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



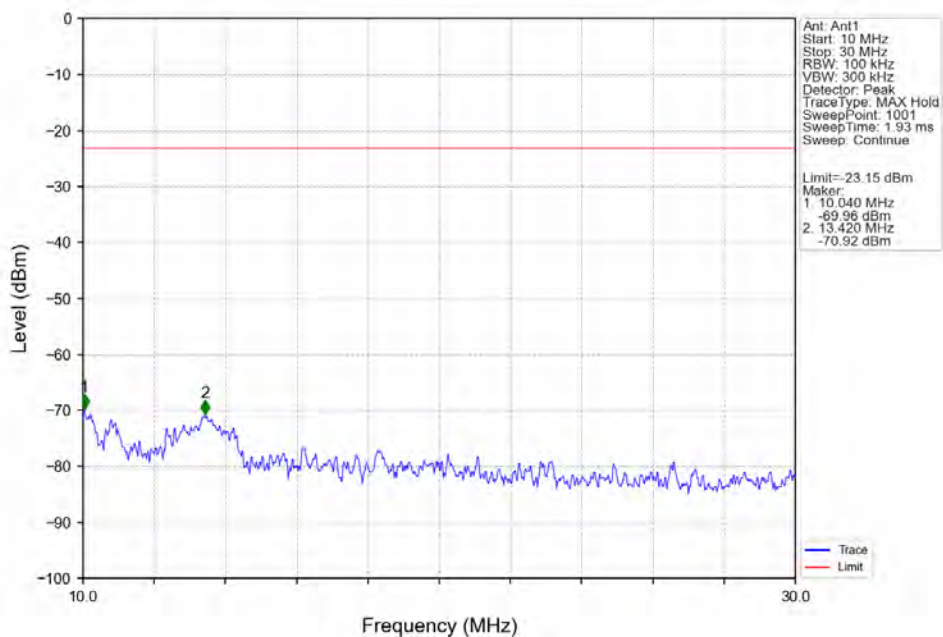
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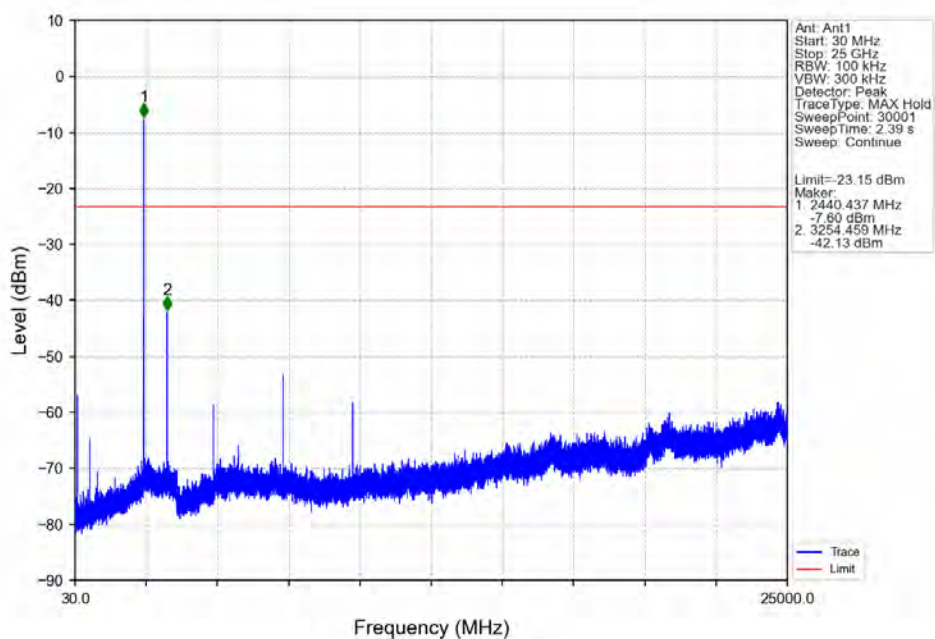
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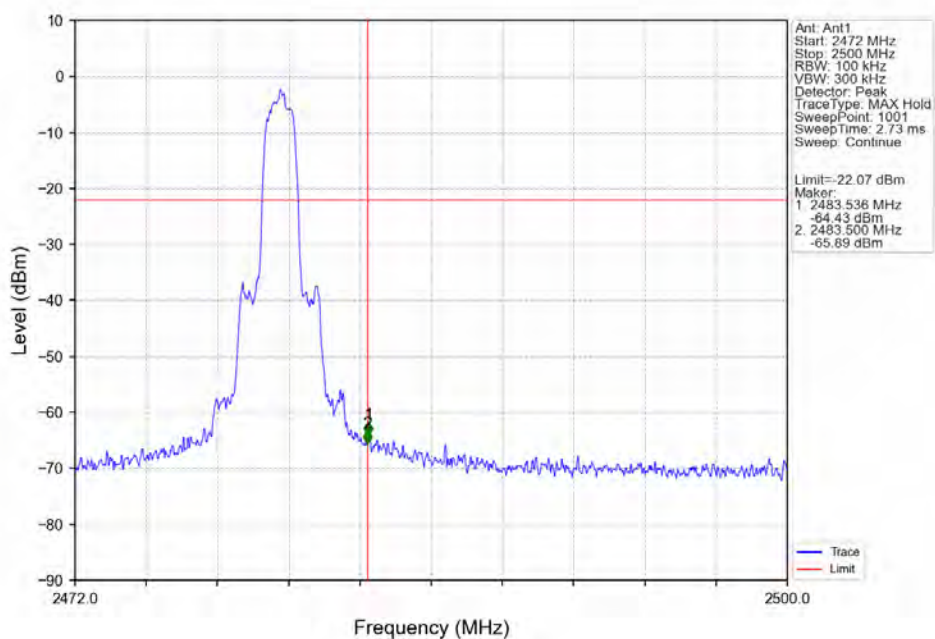
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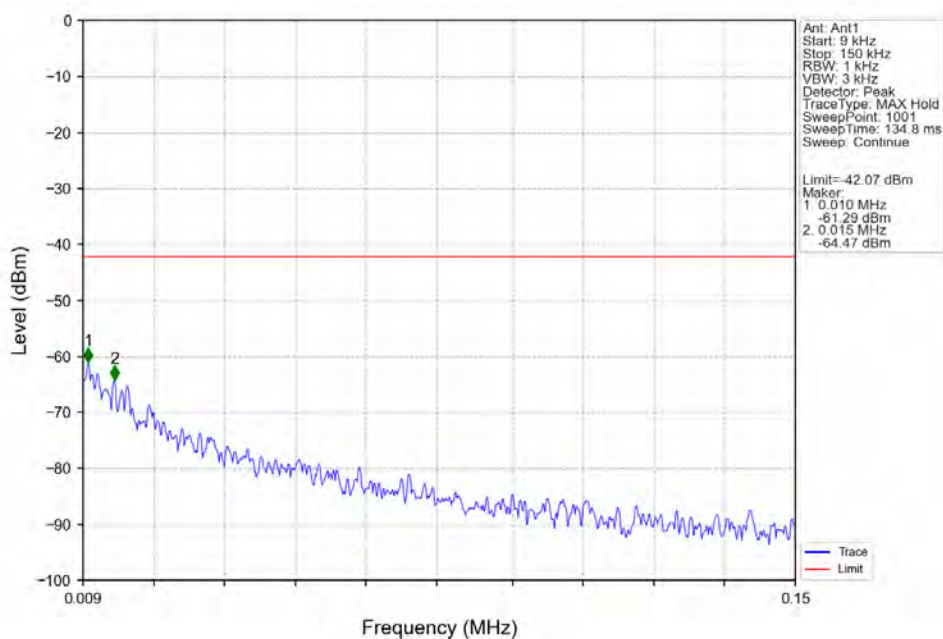
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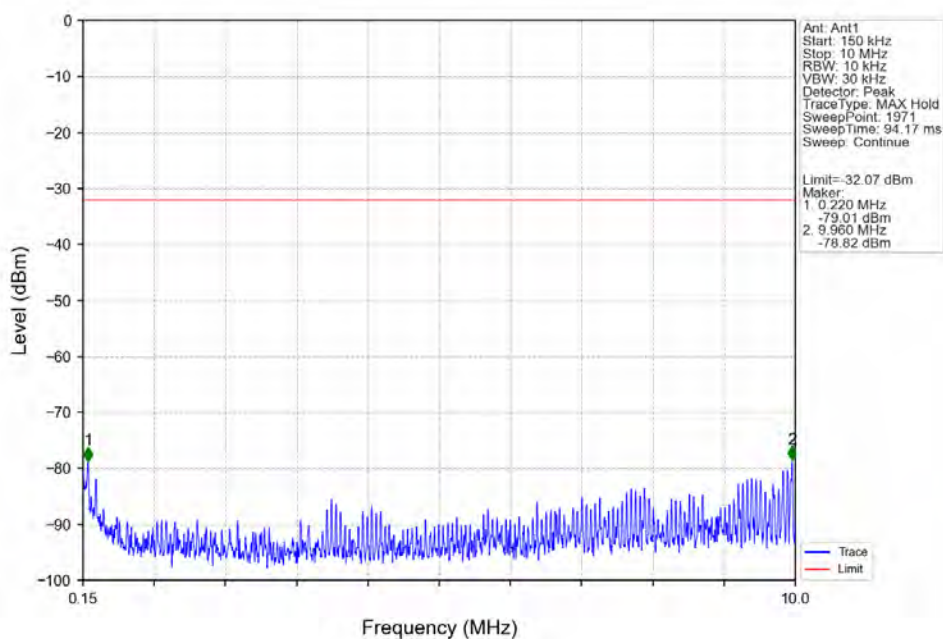
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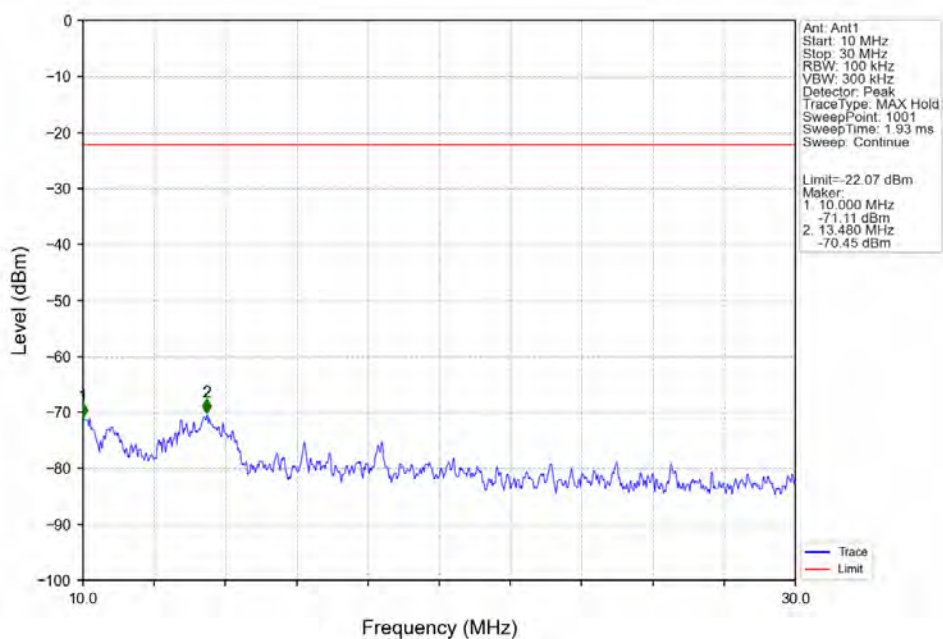
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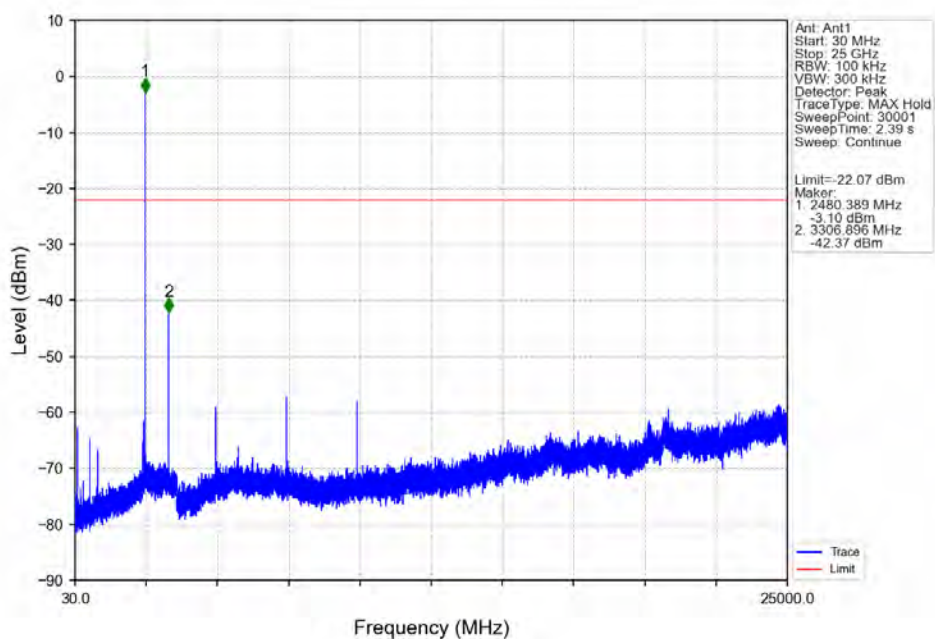
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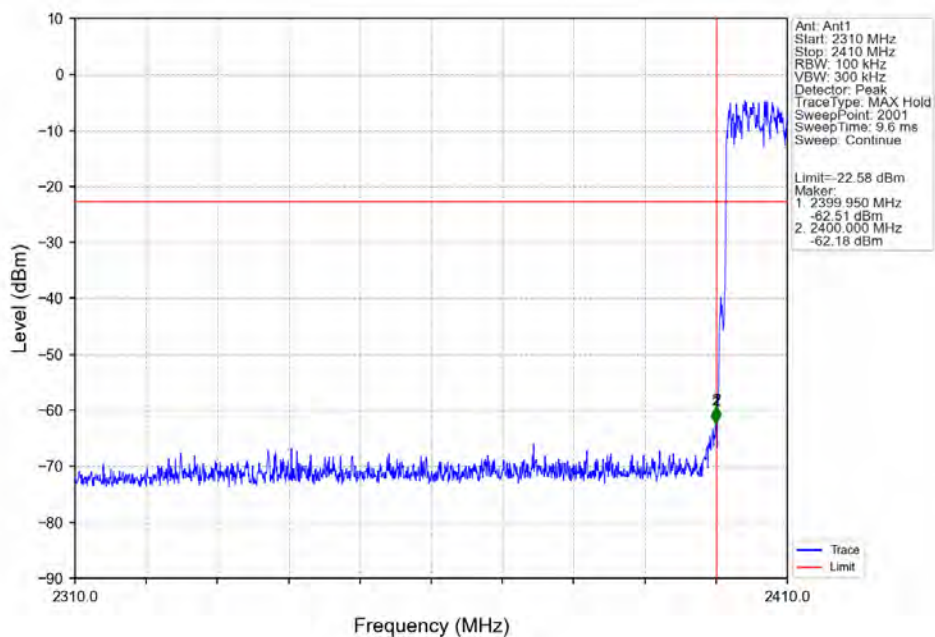
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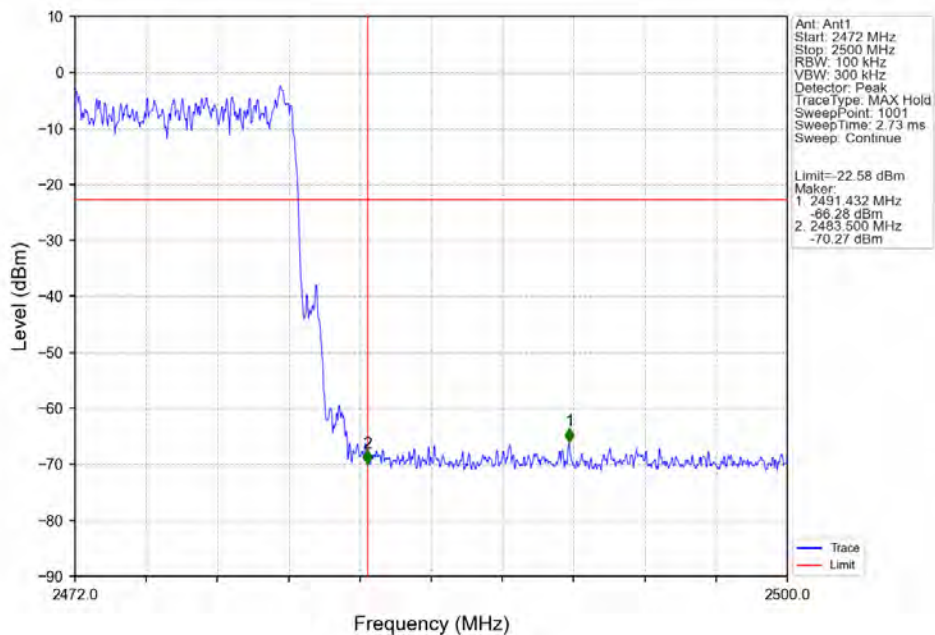
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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