

ANNEX D TEST DATA

Left Ear Test Data:

1. Duty Cycle

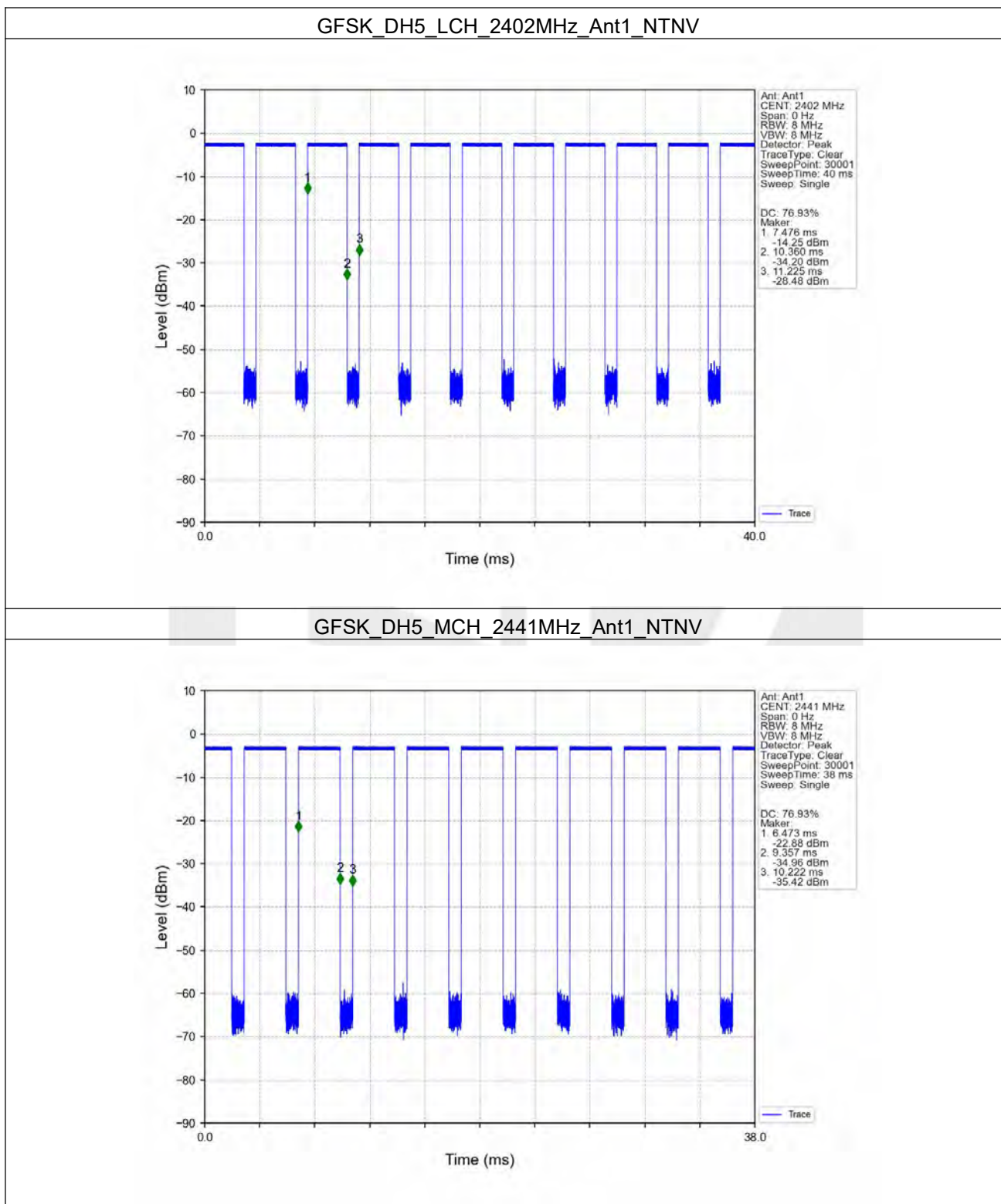
1.1 Test Result

1.1.1 Ant1

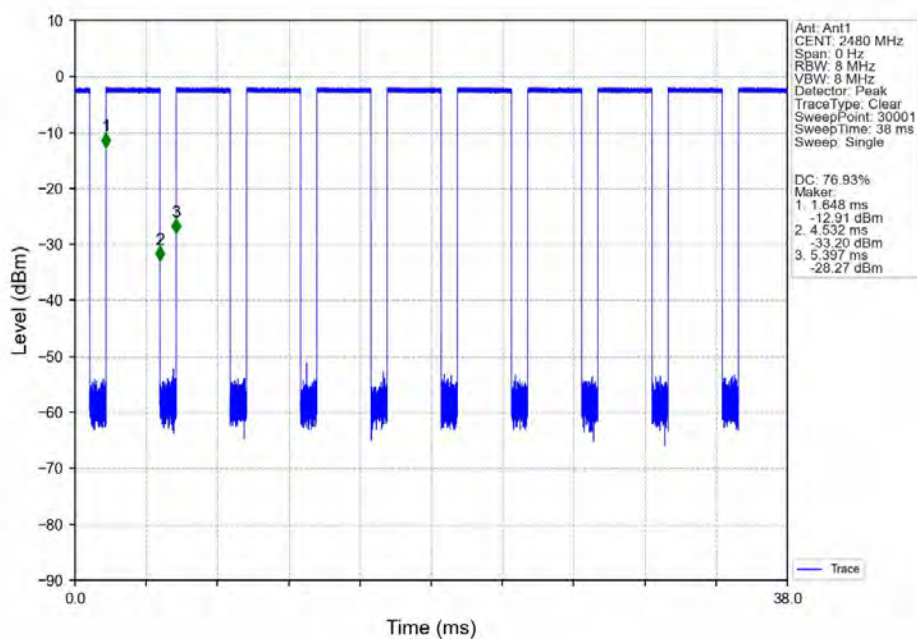
Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.884	3.749	76.93	1.14	0.04
		2441	DH5	2.884	3.749	76.93	1.14	0.01
		2480	DH5	2.884	3.749	76.93	1.14	0.01
$\pi/4$ DQPSK	SISO	2402	2DH5	2.894	3.750	77.17	1.13	0.04
		2441	2DH5	2.894	3.750	77.17	1.13	0.04
		2480	2DH5	2.894	3.751	77.15	1.13	0.03
8DPSK	SISO	2402	3DH5	2.896	3.750	77.23	1.12	0.03
		2441	3DH5	2.895	3.749	77.22	1.12	0.03
		2480	3DH5	2.896	3.749	77.25	1.12	0.03

1.2 Test Graph

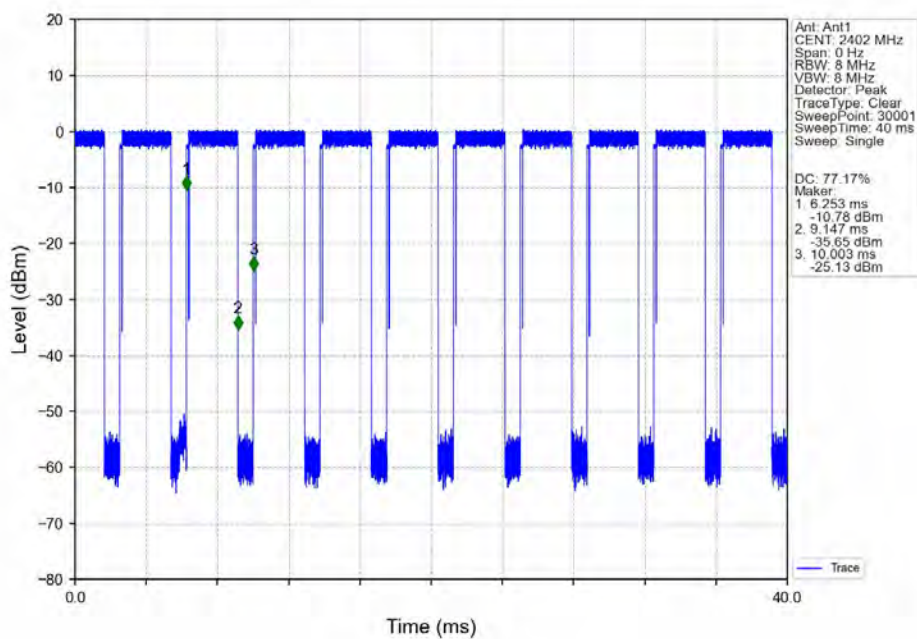
1.2.1 Ant1



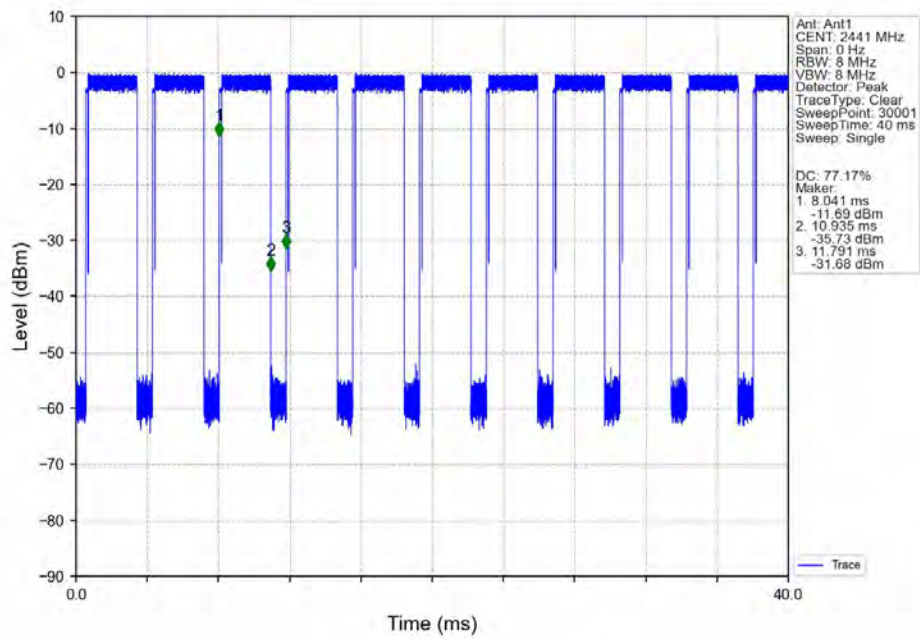
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



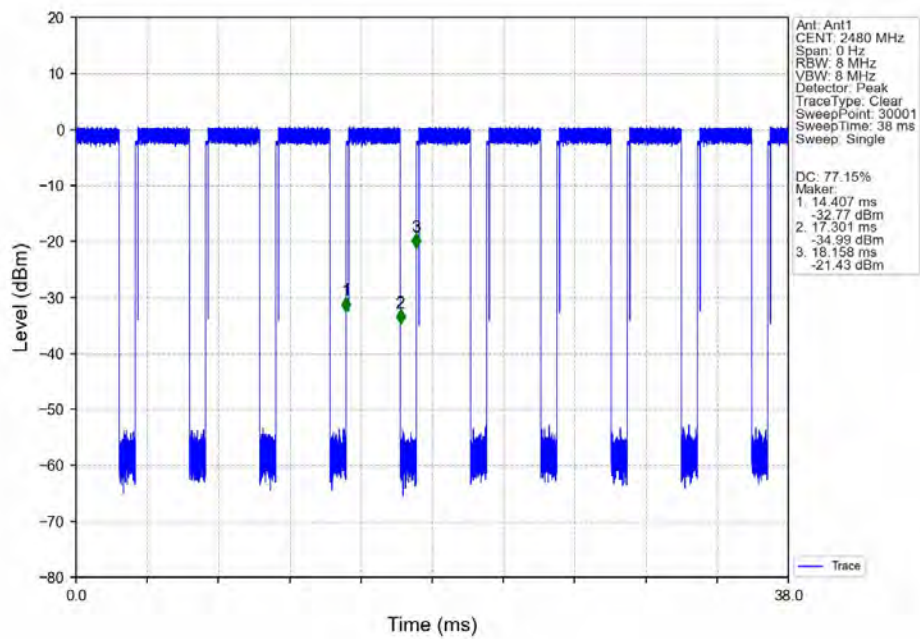
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



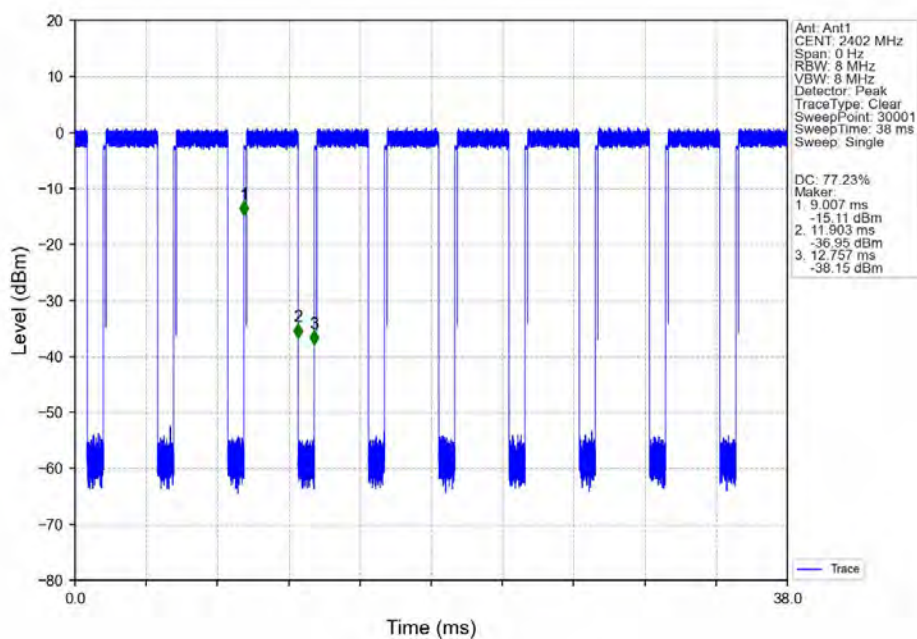
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



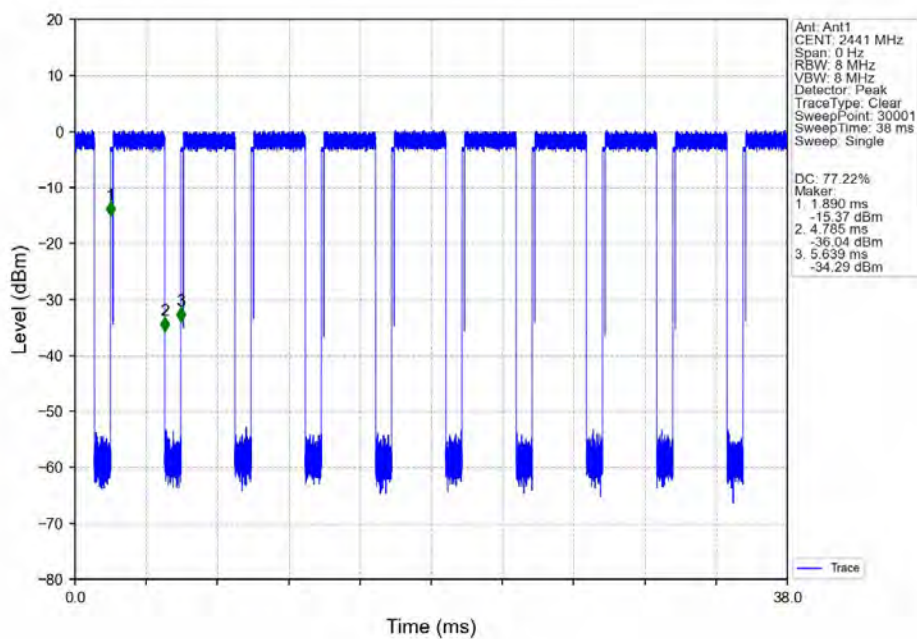
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



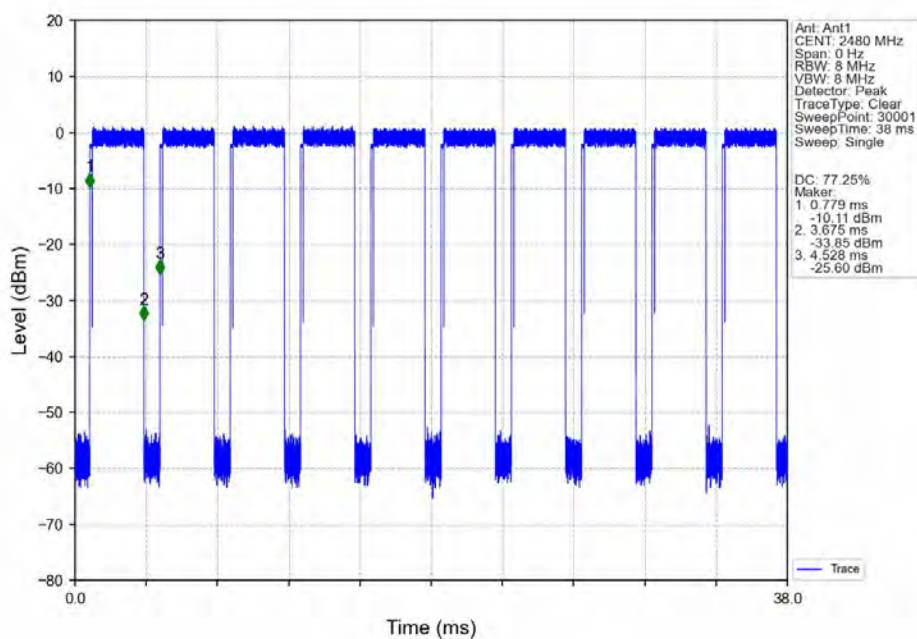
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

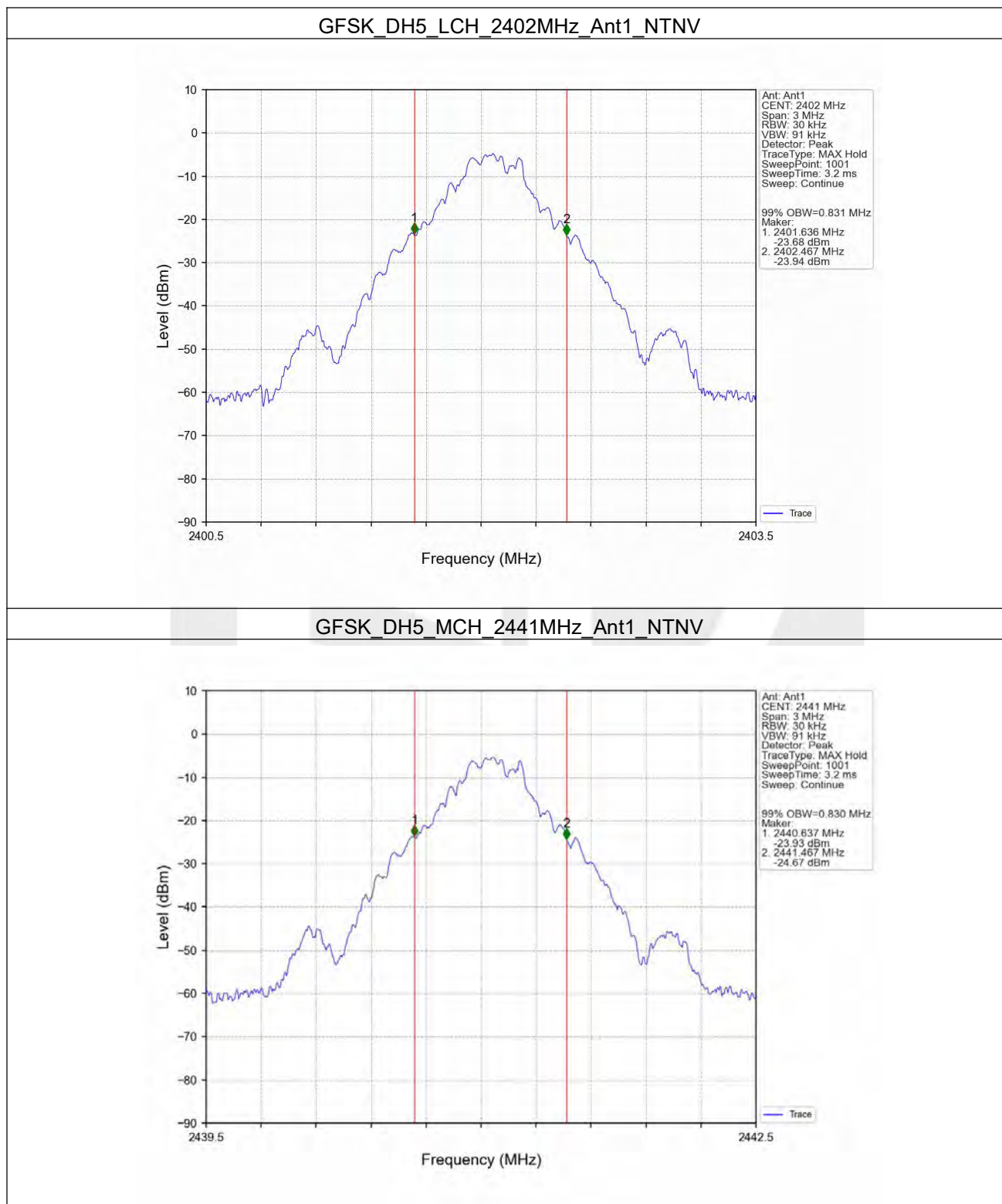
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.831	/	Pass
		2441	DH5	1	0.830	/	Pass
		2480	DH5	1	0.834	/	Pass
π /4DQPSK	SISO	2402	2DH5	1	1.178	/	Pass
		2441	2DH5	1	1.181	/	Pass
		2480	2DH5	1	1.183	/	Pass
8DPSK	SISO	2402	3DH5	1	1.180	/	Pass
		2441	3DH5	1	1.184	/	Pass
		2480	3DH5	1	1.181	/	Pass

2.1.2 20dB BW

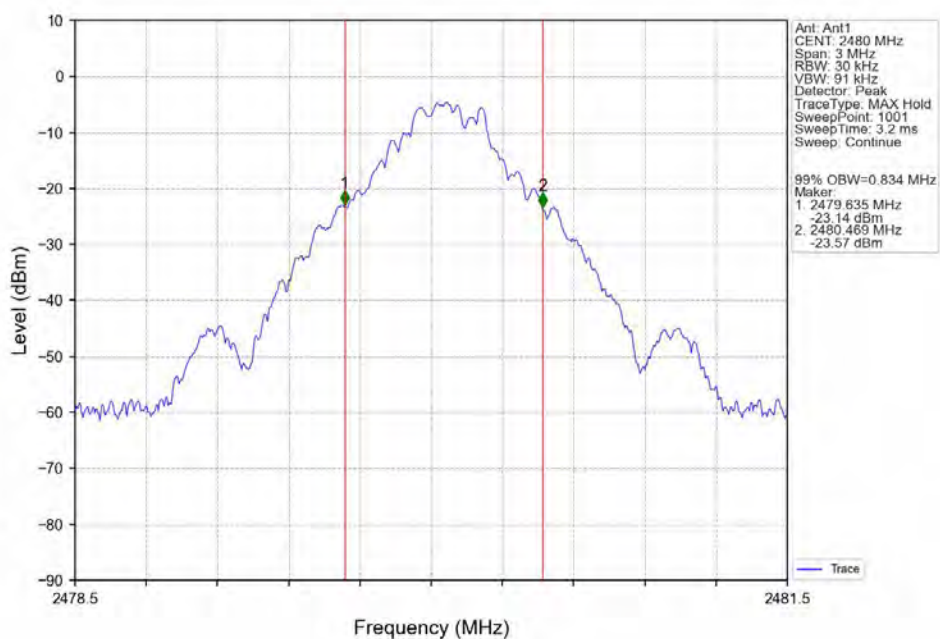
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.942	/	Pass
		2441	DH5	1	0.938	/	Pass
		2480	DH5	1	0.941	/	Pass
π /4DQPSK	SISO	2402	2DH5	1	1.294	/	Pass
		2441	2DH5	1	1.318	/	Pass
		2480	2DH5	1	1.293	/	Pass
8DPSK	SISO	2402	3DH5	1	1.305	/	Pass
		2441	3DH5	1	1.304	/	Pass
		2480	3DH5	1	1.307	/	Pass

2.2 Test Graph

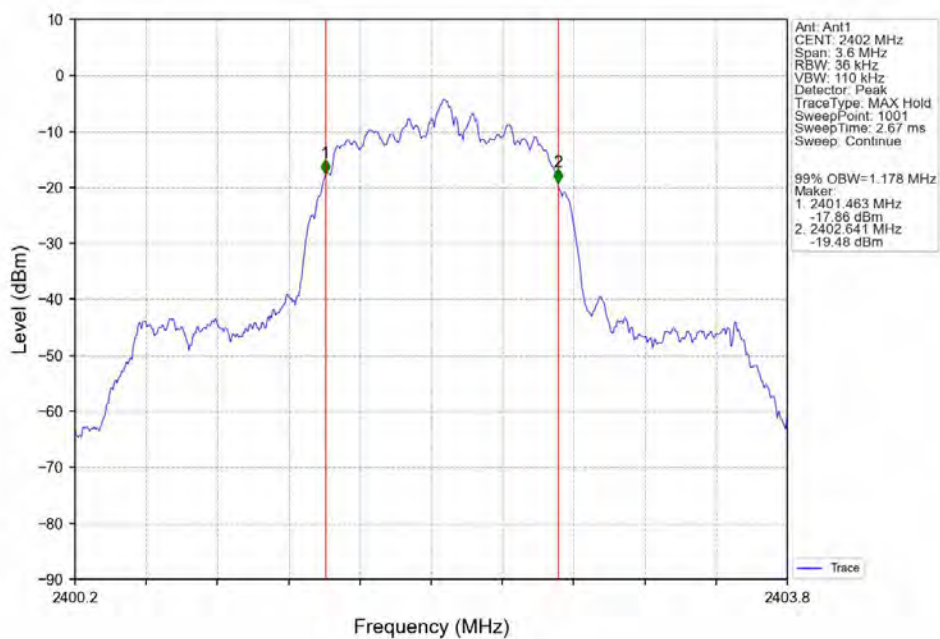
2.2.1 OBW



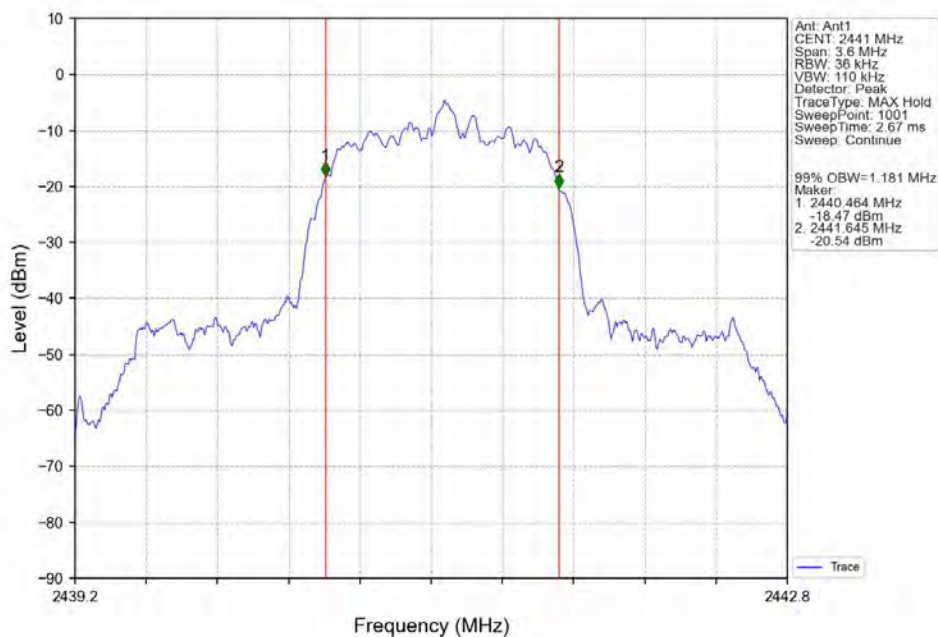
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



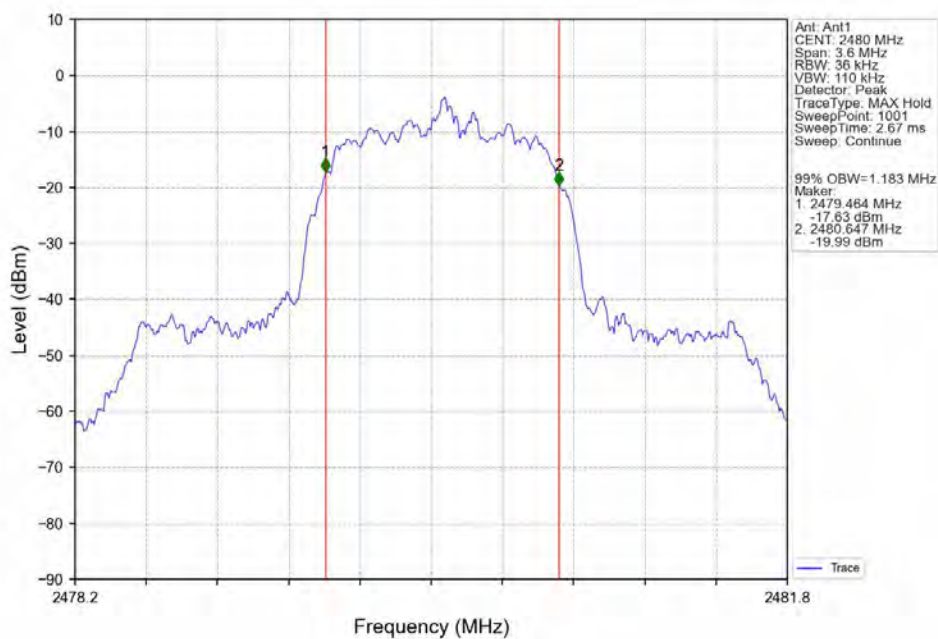
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



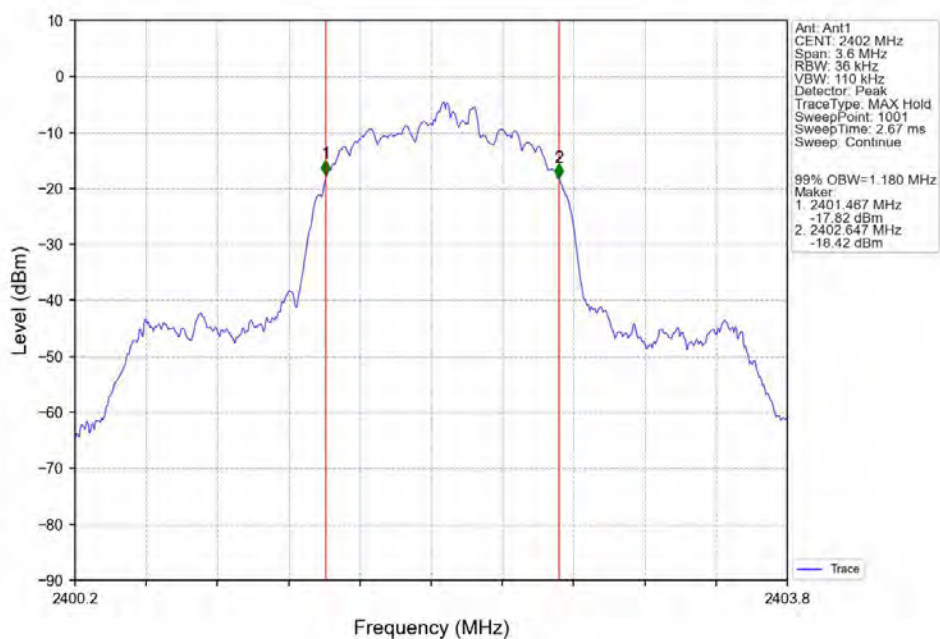
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



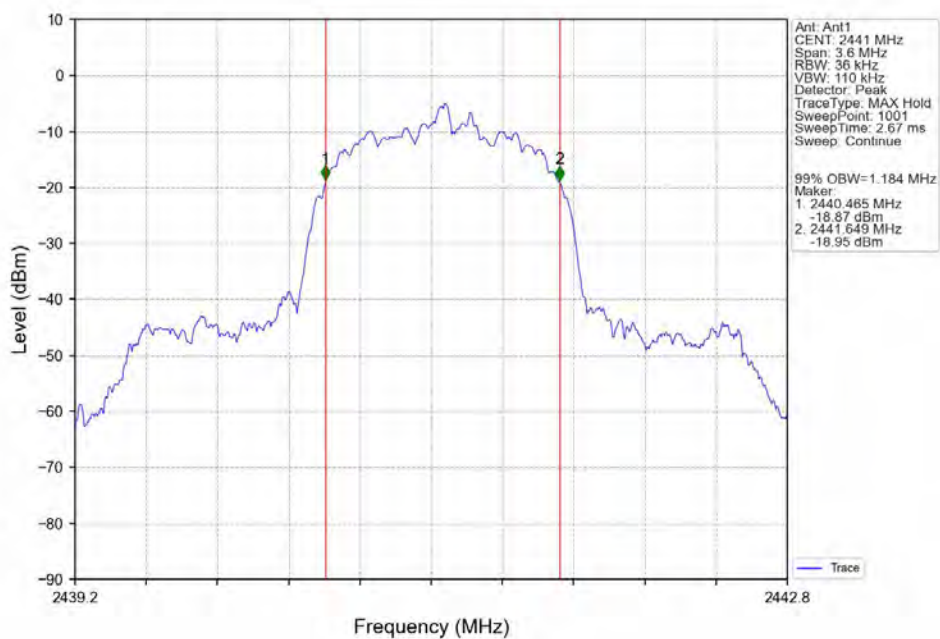
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



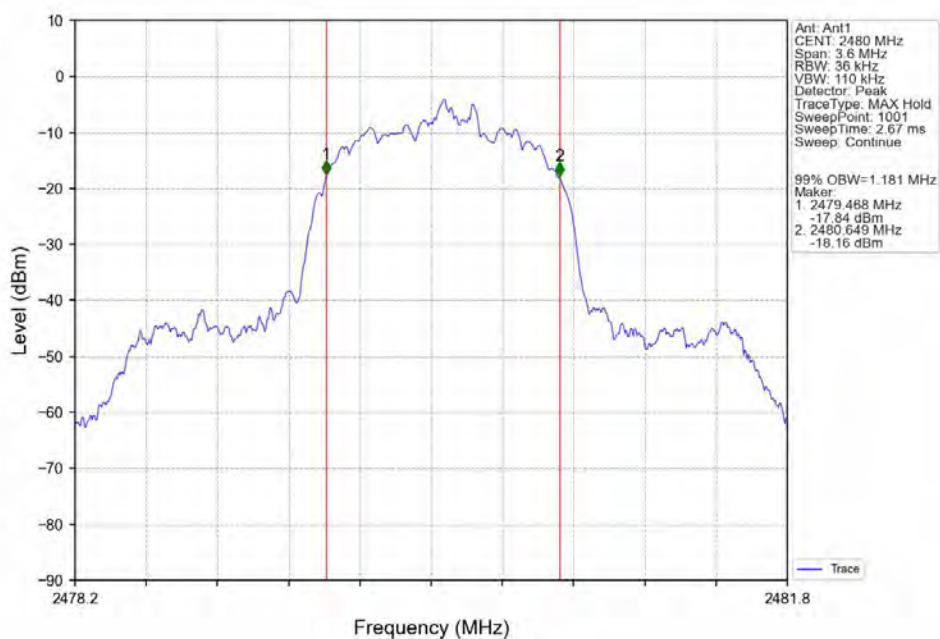
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



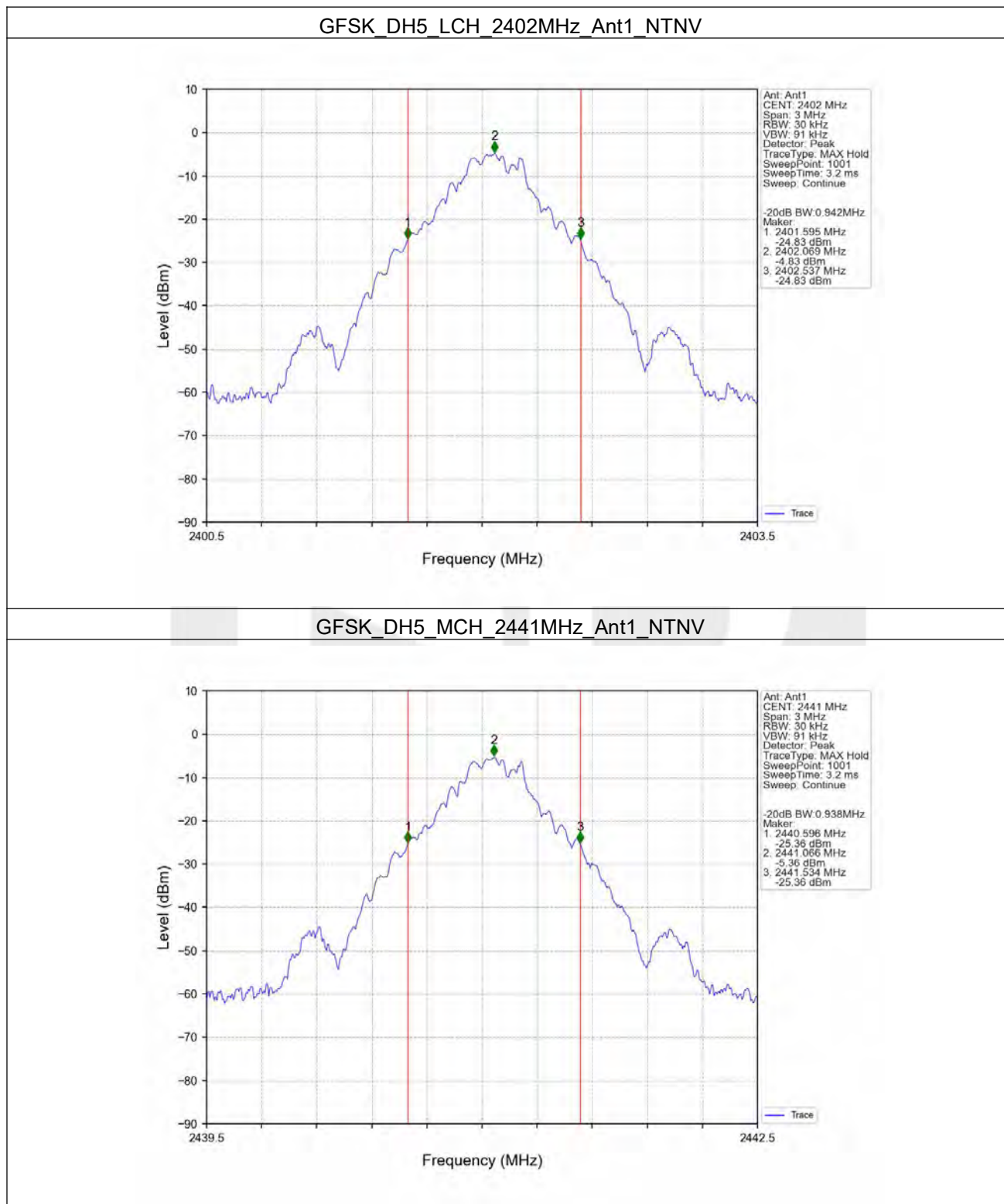
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



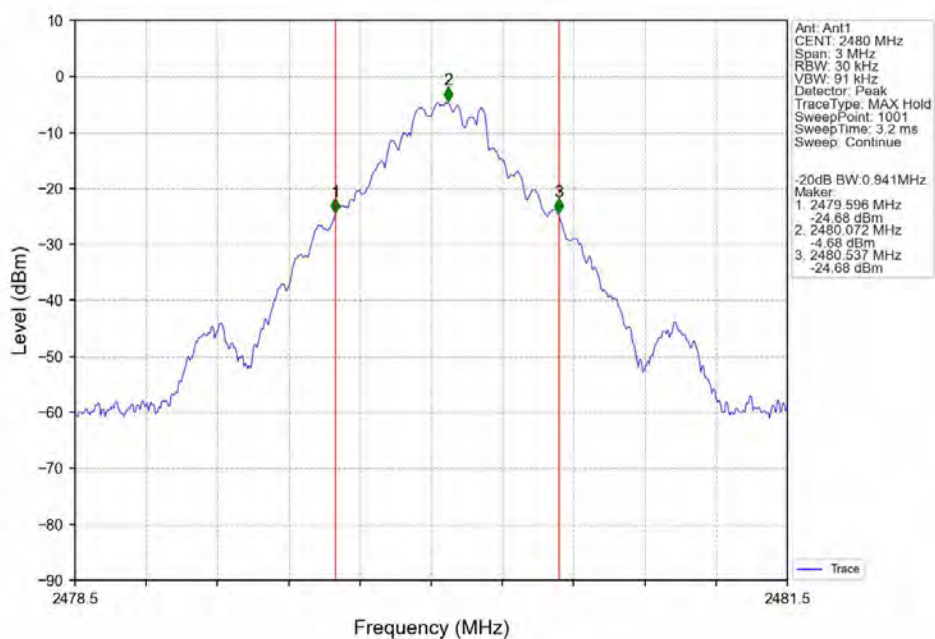
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



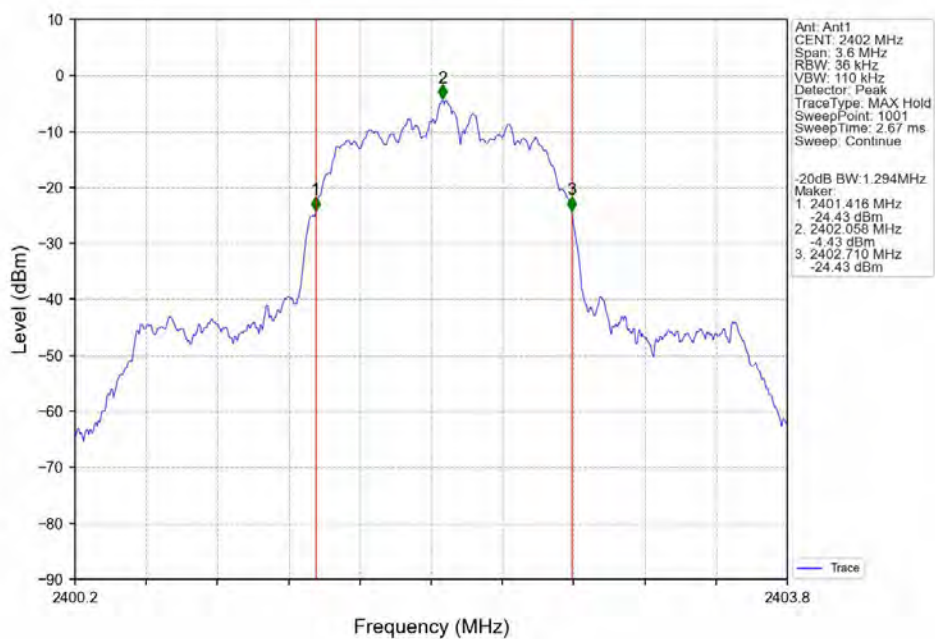
2.2.2 20dB BW



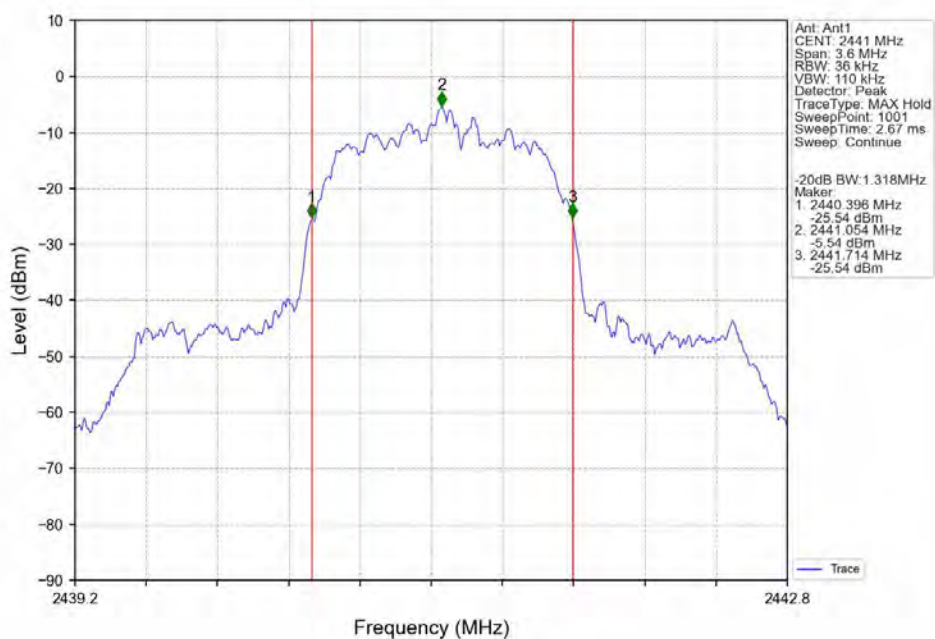
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



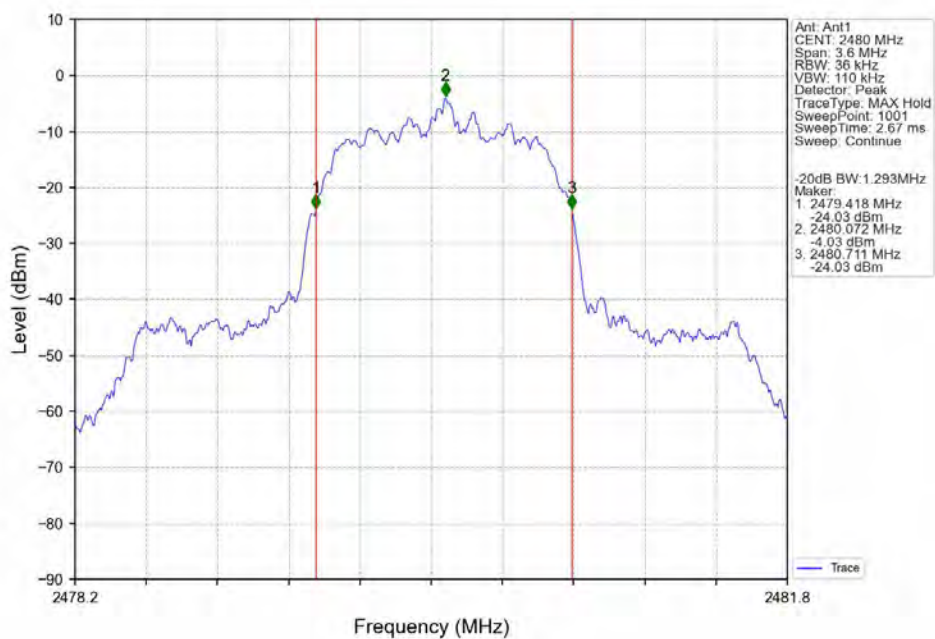
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



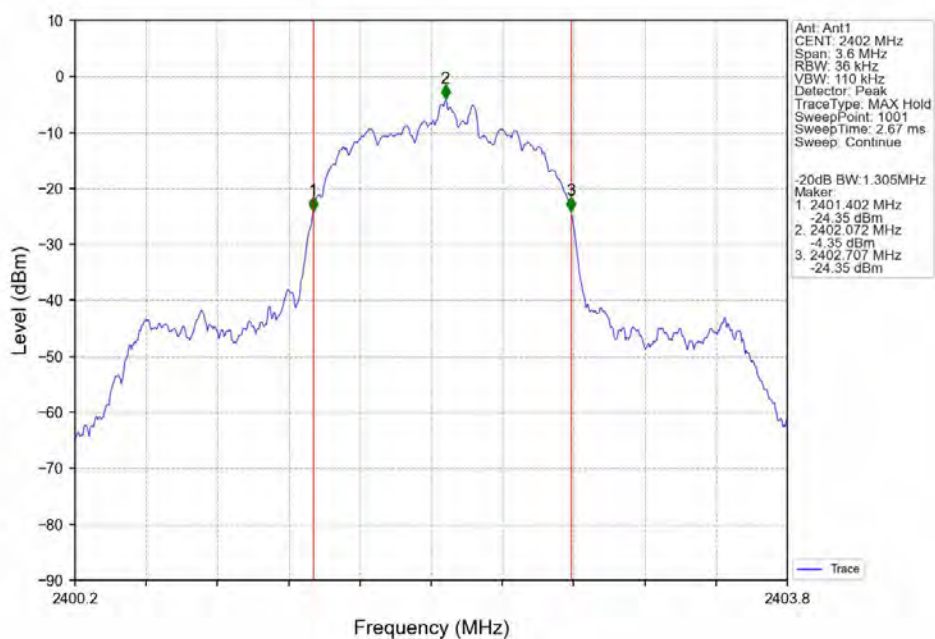
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



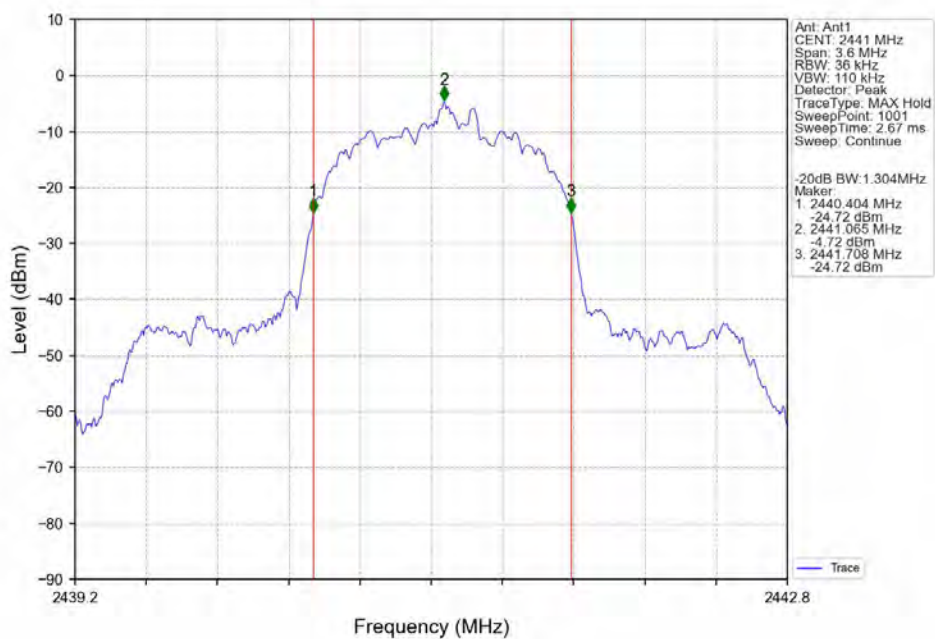
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



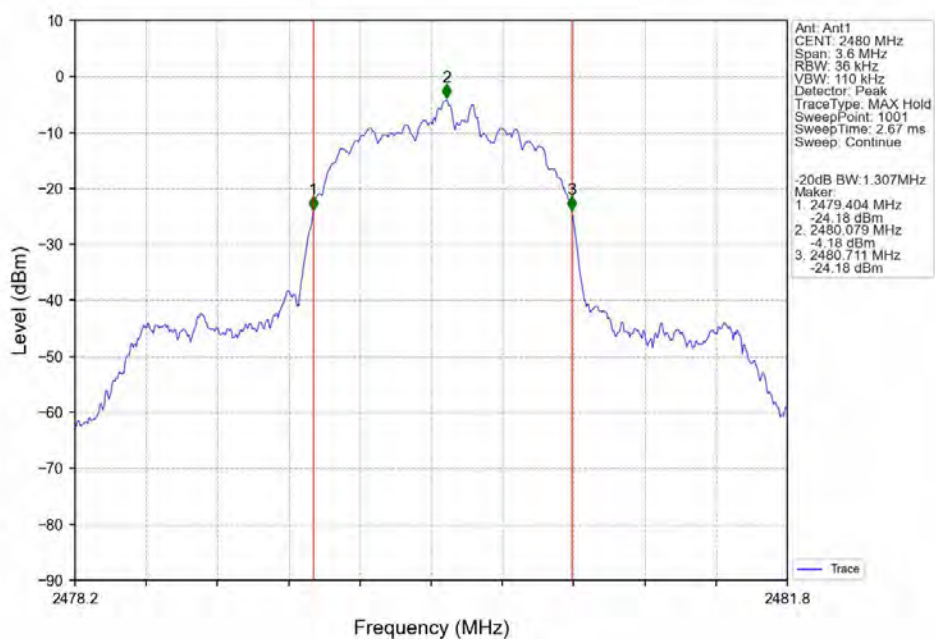
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

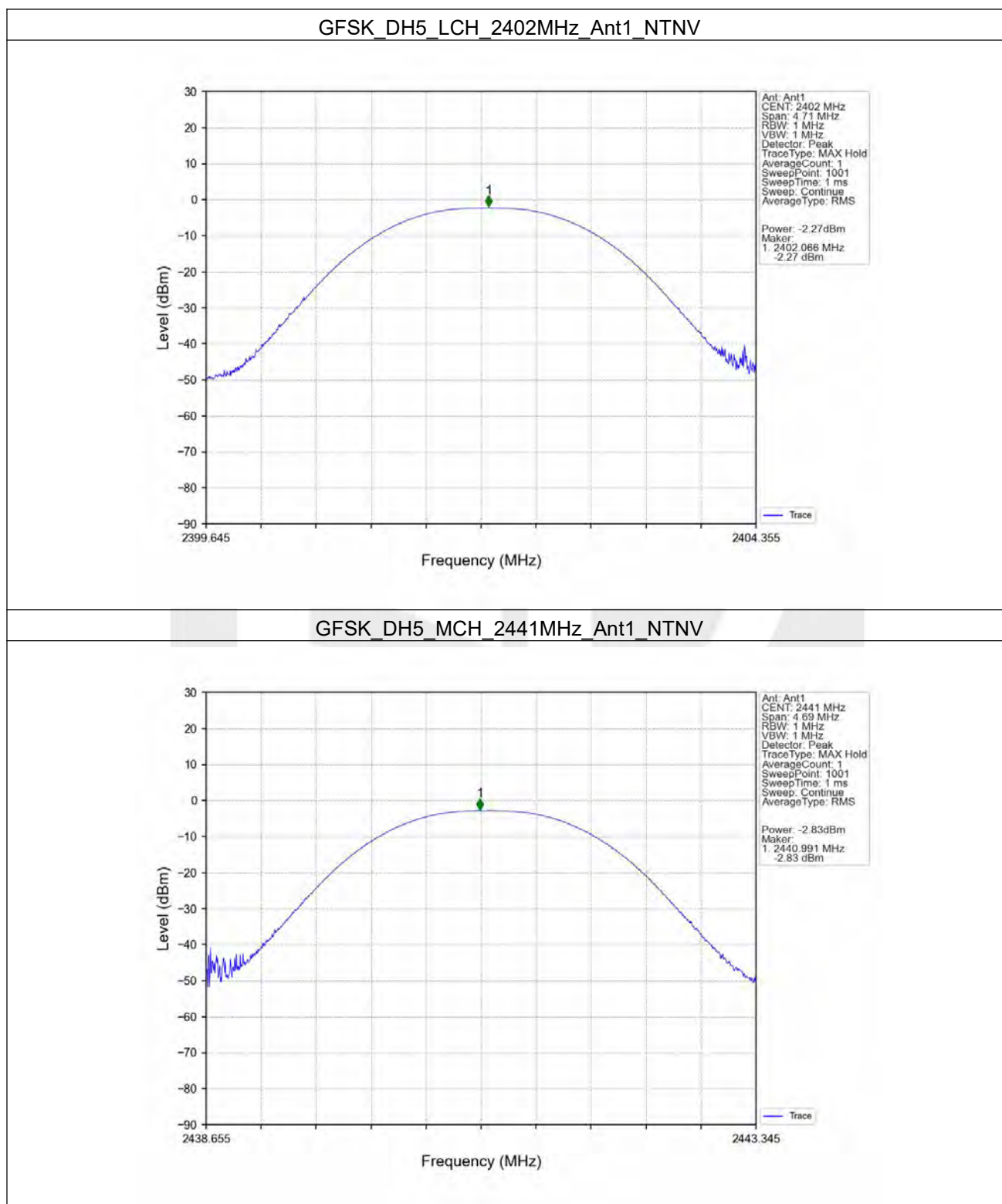
3.1 Test Result

3.1.1 Power

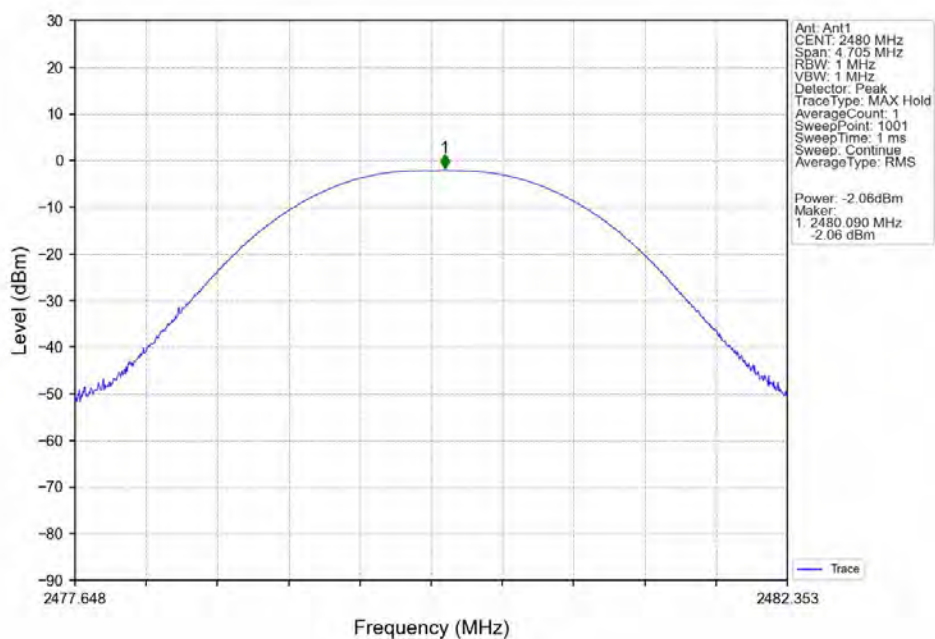
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-2.27	<=30	Pass
		2441	DH5	-2.83	<=30	Pass
		2480	DH5	-2.06	<=30	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	0.19	<=20.97	Pass
		2441	2DH5	-0.39	<=20.97	Pass
		2480	2DH5	0.34	<=20.97	Pass
8DPSK	SISO	2402	3DH5	0.73	<=20.97	Pass
		2441	3DH5	0.15	<=20.97	Pass
		2480	3DH5	0.91	<=20.97	Pass

3.2 Test Graph

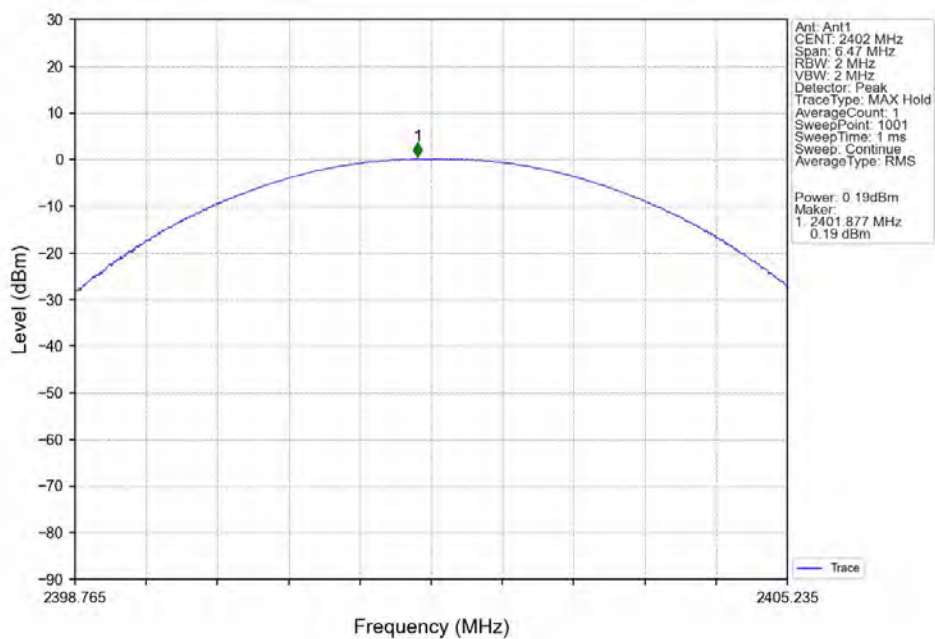
3.2.1 Power



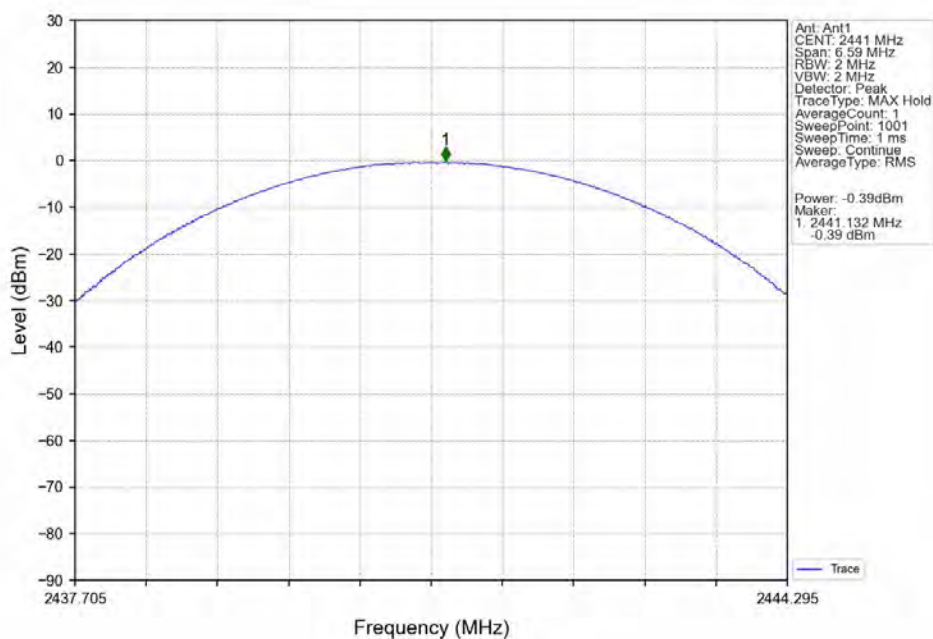
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



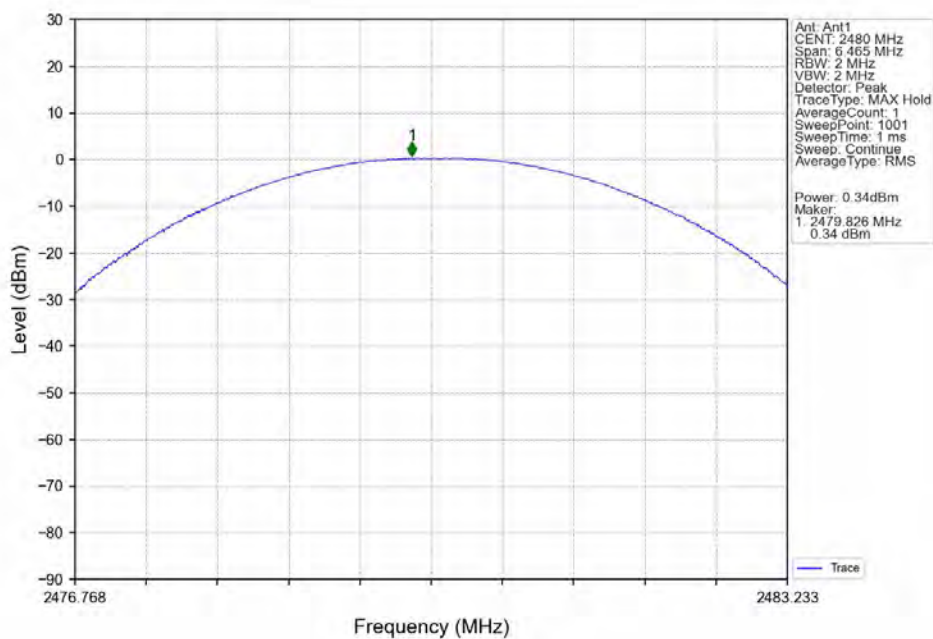
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



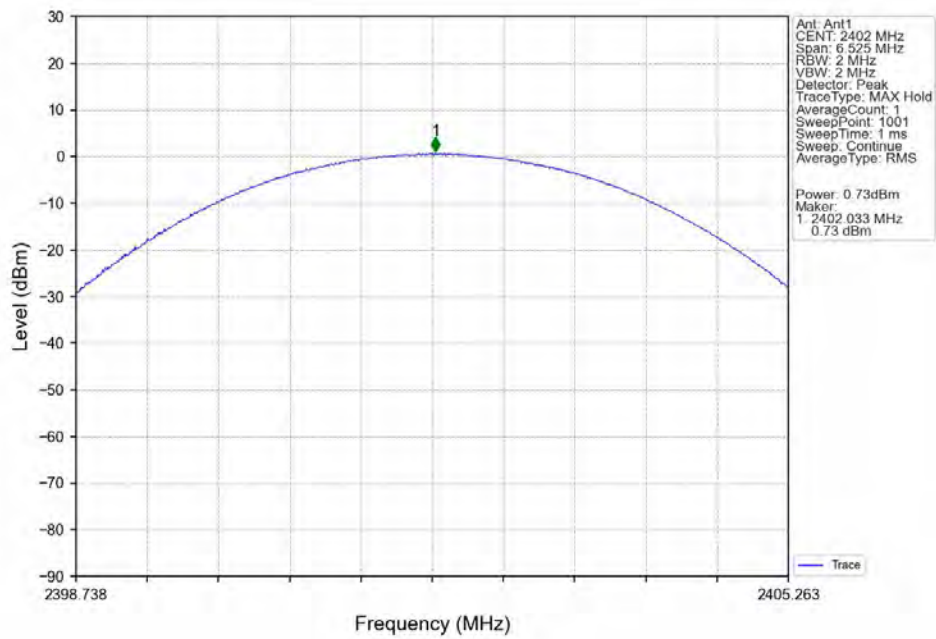
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



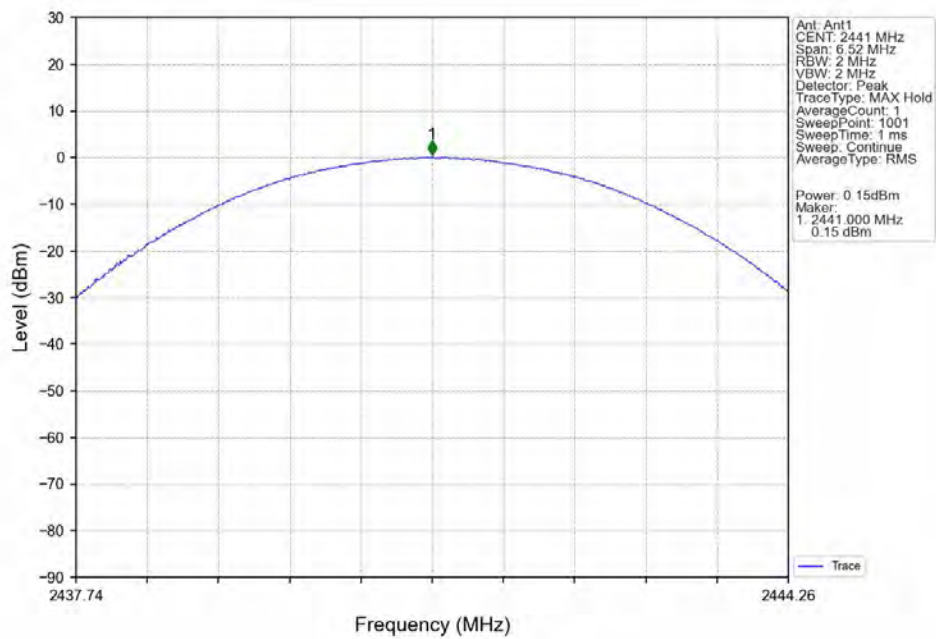
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



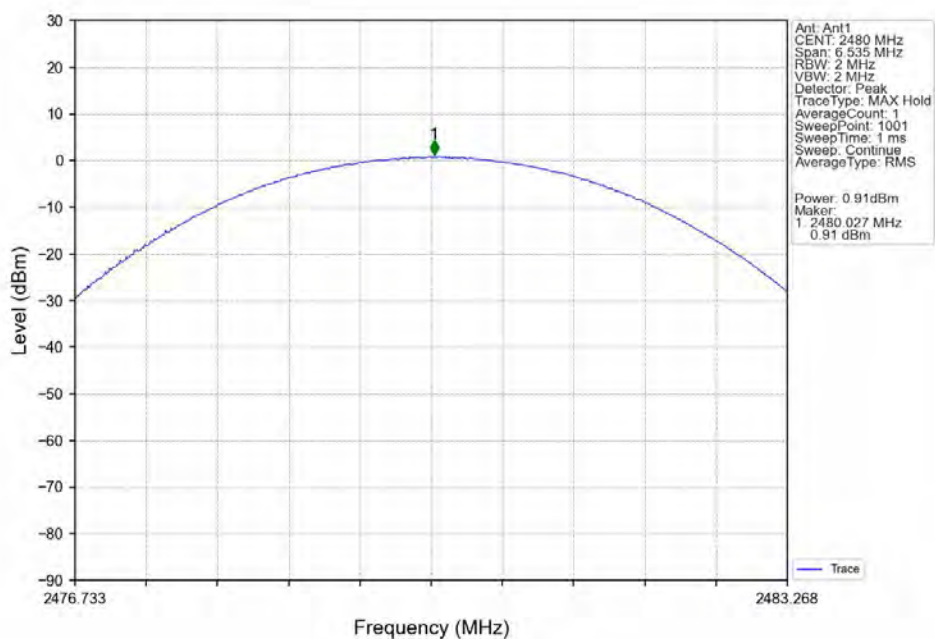
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



4. Carrier Frequency Separation

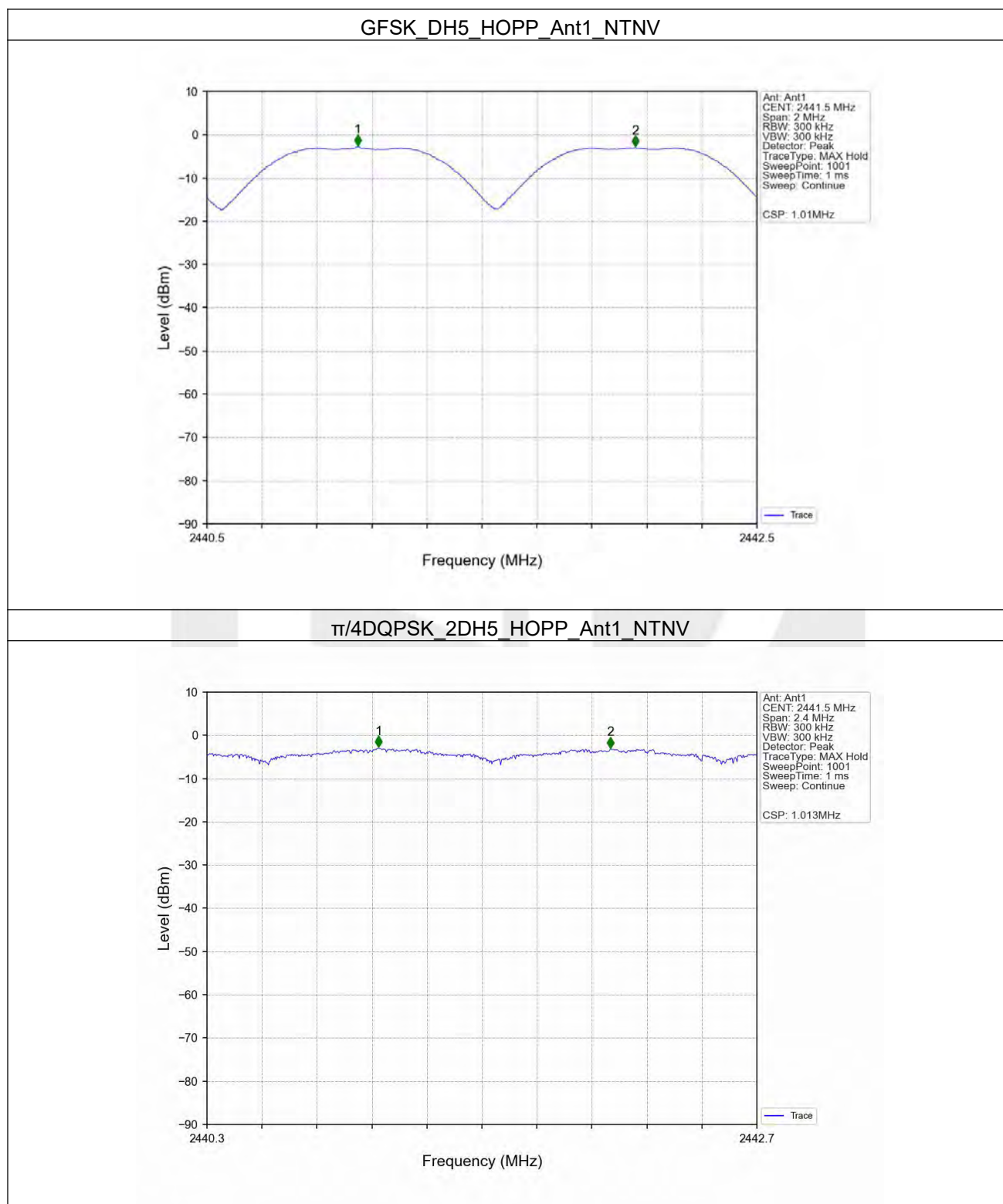
4.1 Test Result

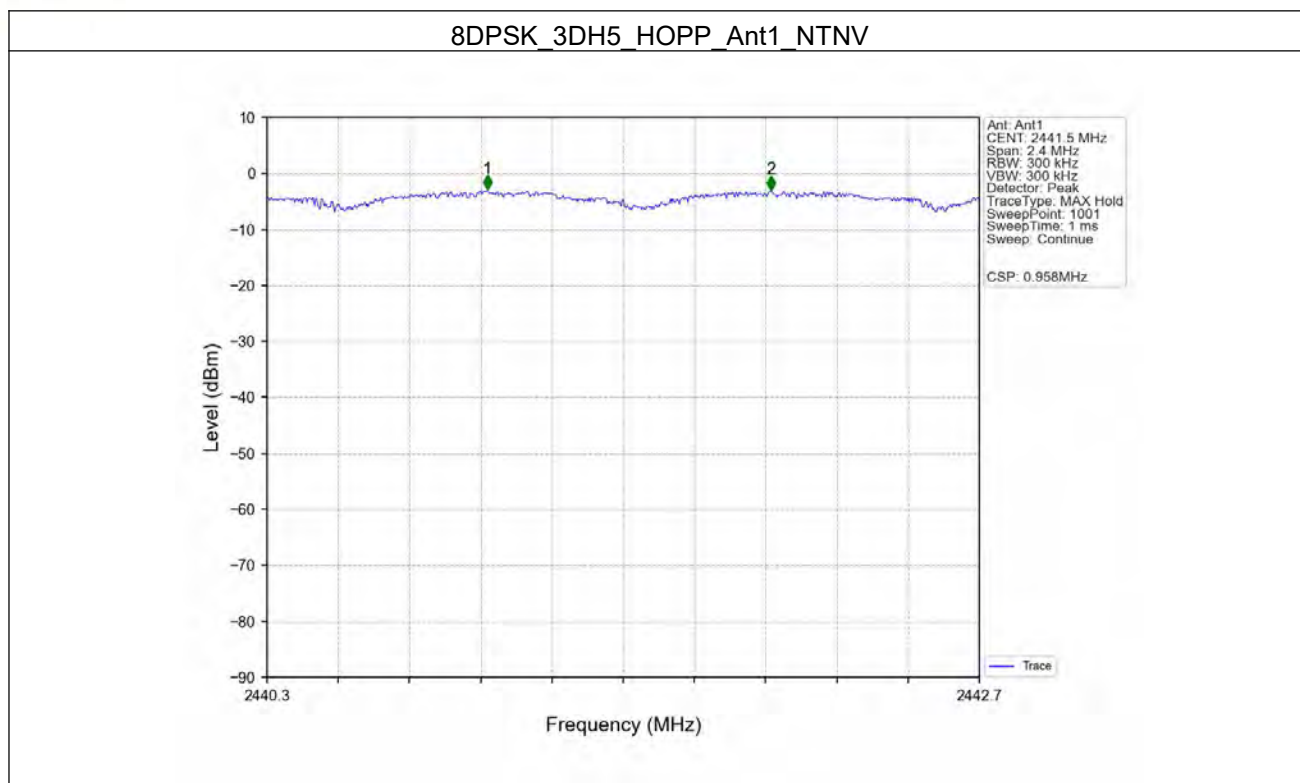
4.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.010	0.942	≥ 0.942	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH5	1.013	1.318	≥ 0.879	Pass
8DPSK	SISO	HOPP	3DH5	0.958	1.307	≥ 0.871	Pass

4.2 Test Graph

4.2.1 Ant1





5. Number of Hopping Frequencies

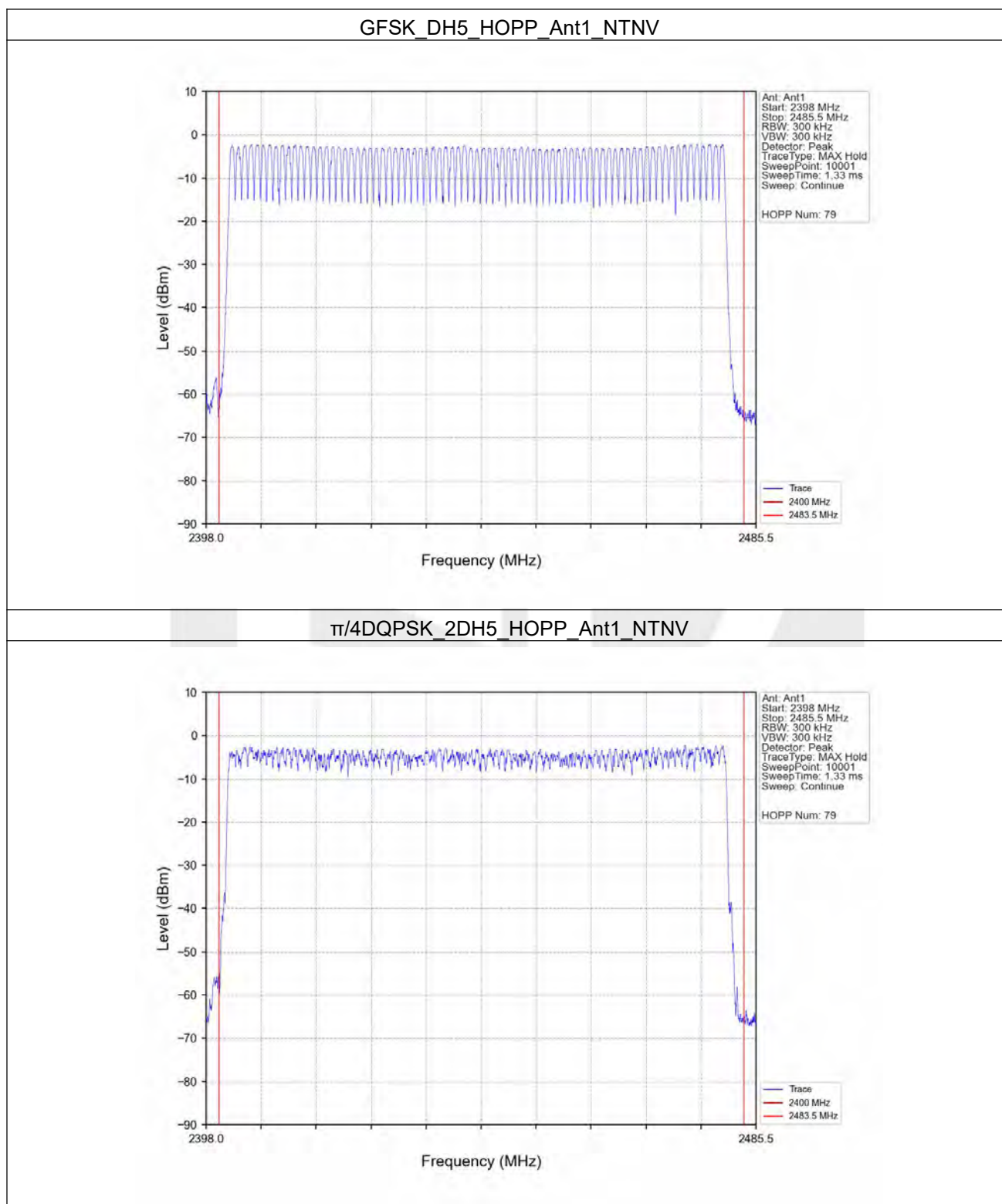
5.1 Test Result

5.1.1 HoppNum

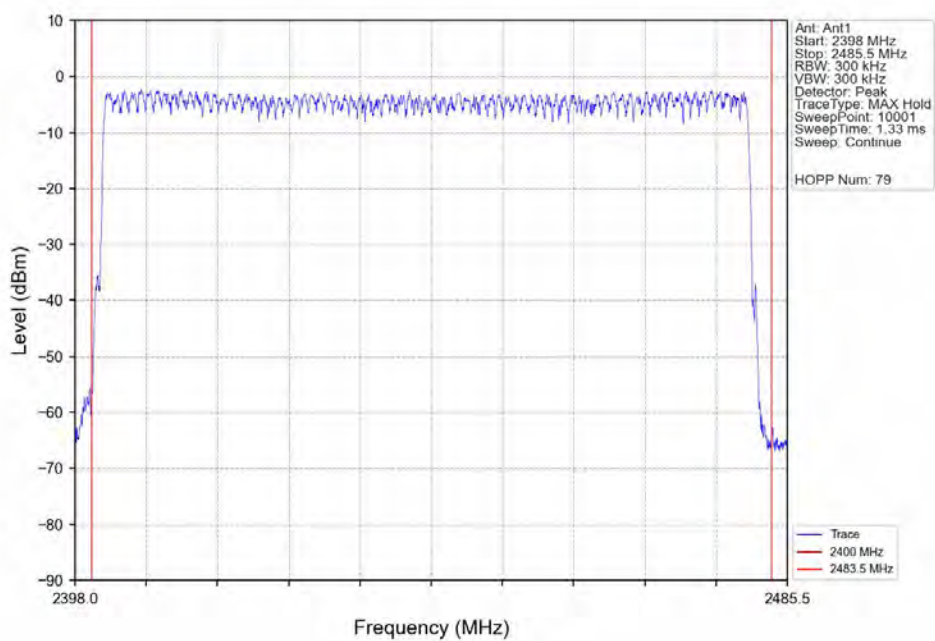
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

5.2 Test Graph

5.2.1 HoppNum



8DPSK_3DH5_HOPP_Ant1_NTNV



6. Time of Occupancy (Dwell Time)

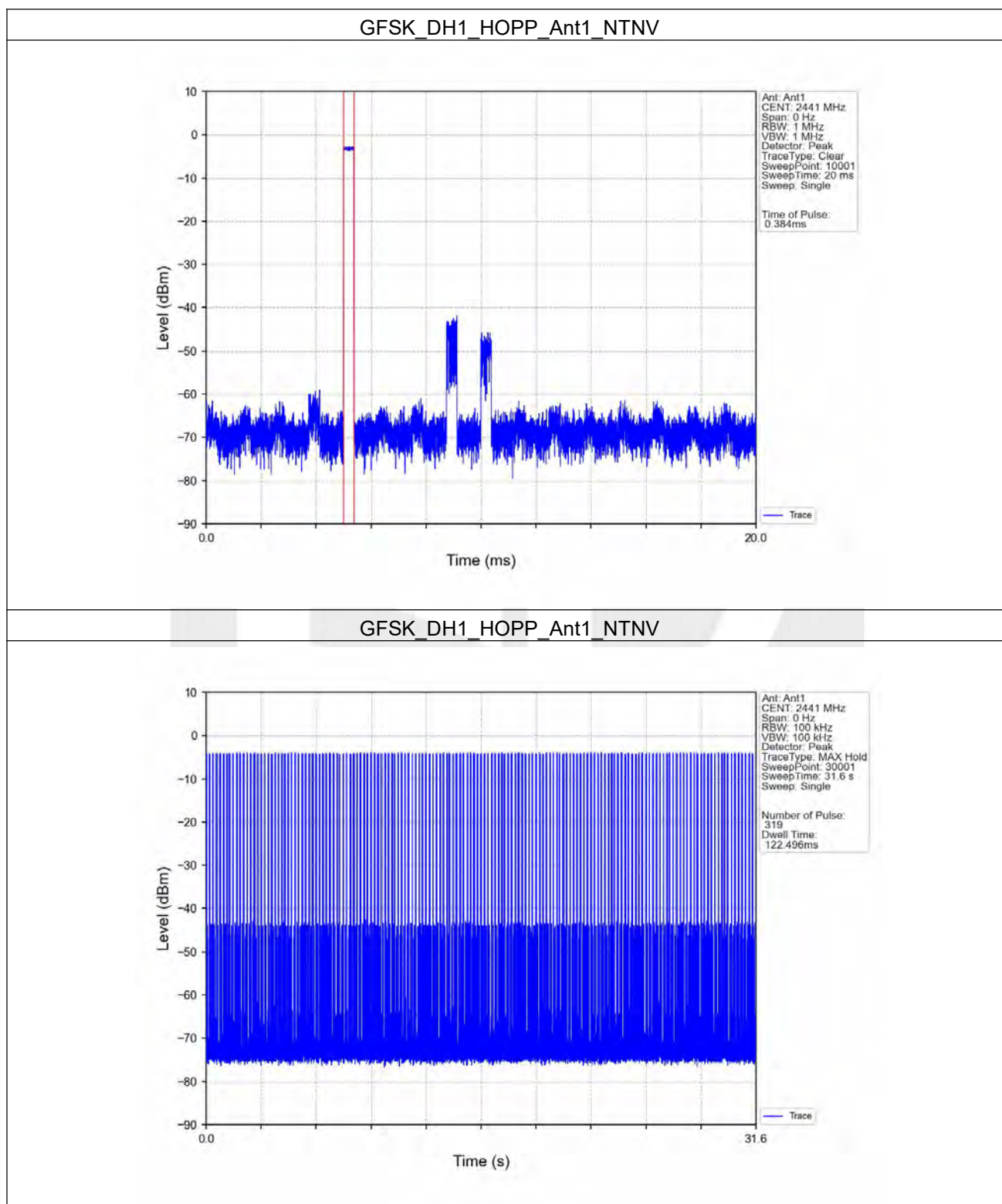
6.1 Test Result

6.1.1 Ant1

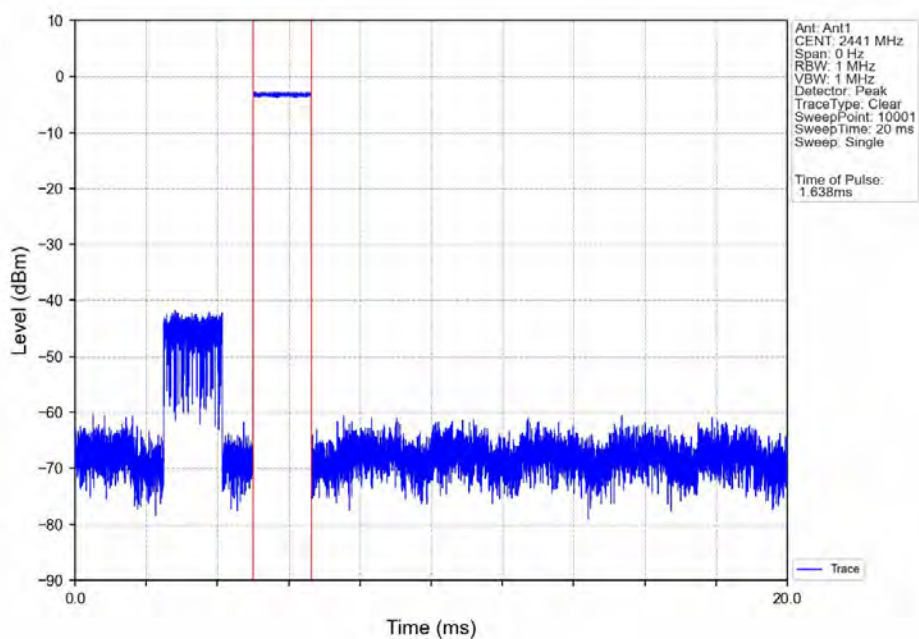
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.384	31.600	319	122.496	<=400	Pass
			DH3	1.638	31.600	163	266.994	<=400	Pass
			DH5	2.888	31.600	108	311.904	<=400	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH1	0.398	31.600	321	127.758	<=400	Pass
			2DH3	1.646	31.600	173	284.758	<=400	Pass
			2DH5	2.892	31.600	107	309.444	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.392	31.600	319	125.048	<=400	Pass
			3DH3	1.644	31.600	161	264.684	<=400	Pass
			3DH5	2.900	31.600	97	281.300	<=400	Pass

6.2 Test Graph

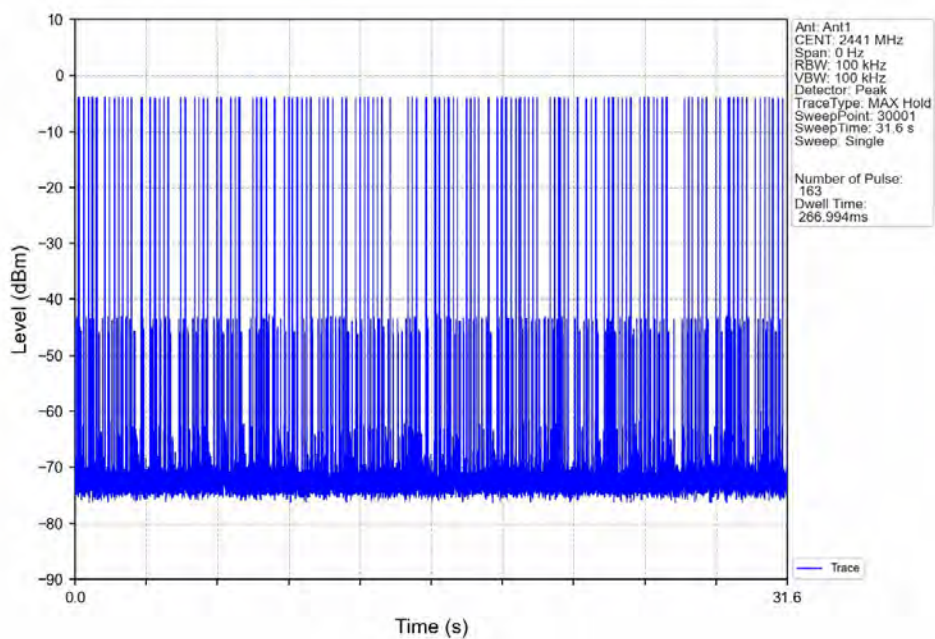
6.2.1 Ant1



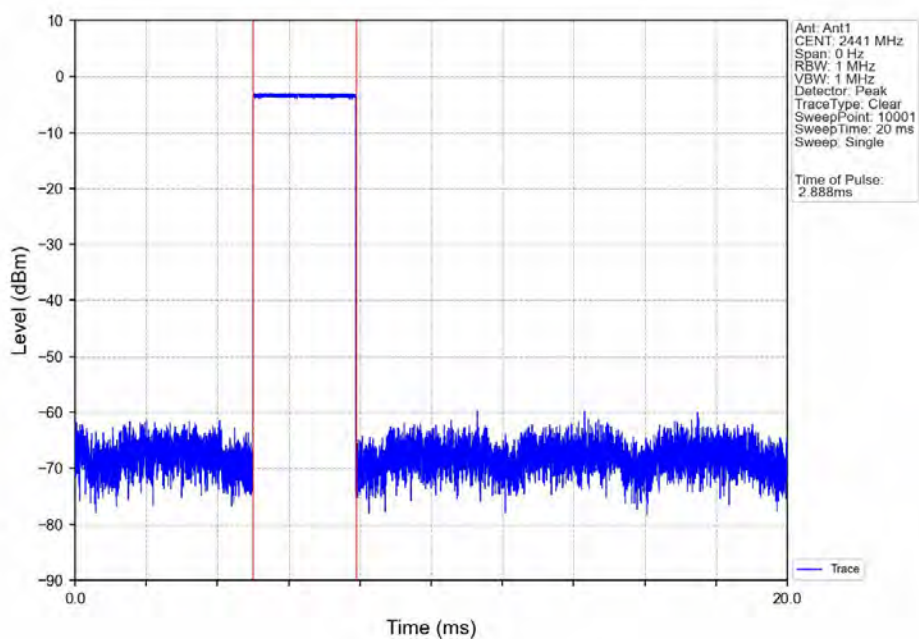
GFSK_DH3_HOPP_Ant1_NTNV



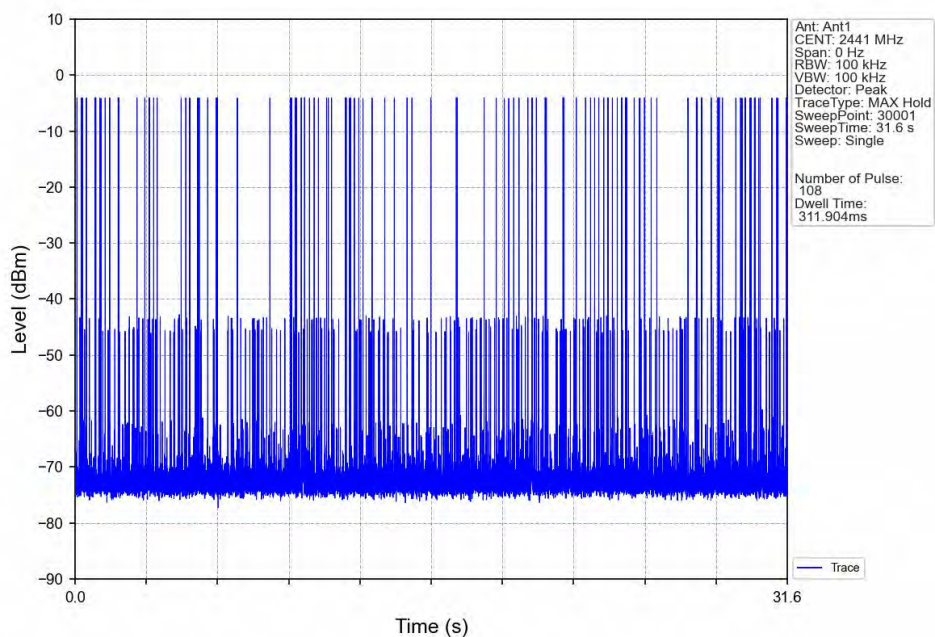
GFSK_DH3_HOPP_Ant1_NTNV



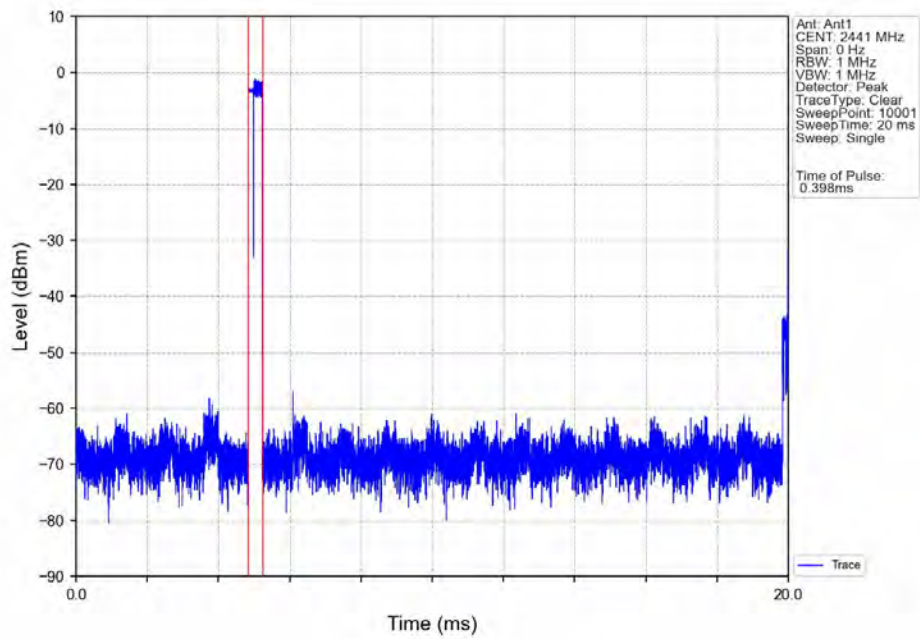
GFSK_DH5_HOPP_Ant1_NTNV



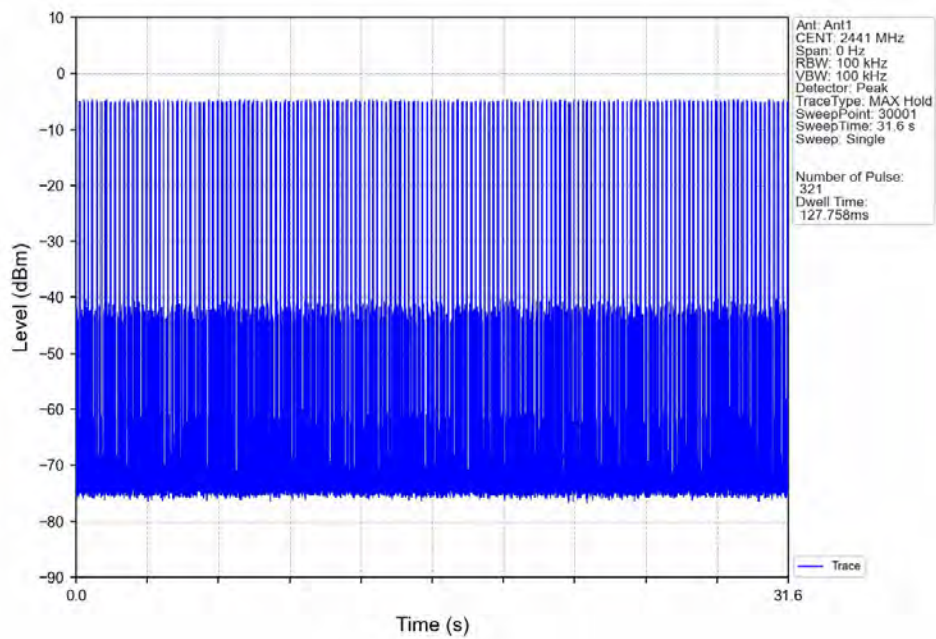
GFSK_DH5_HOPP_Ant1_NTNV



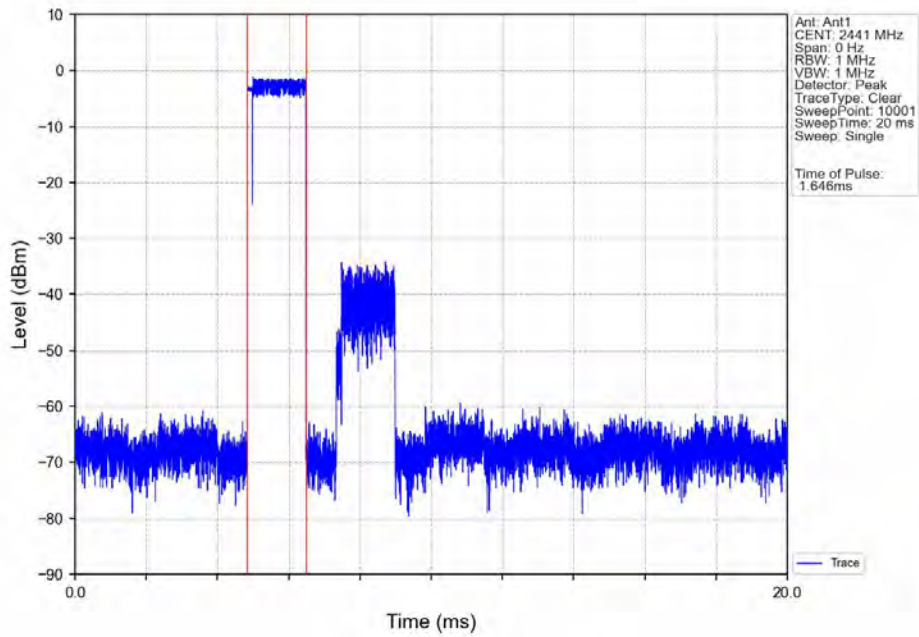
$\pi/4$ DQPSK_2DH1_HOPP_Ant1_NTNV



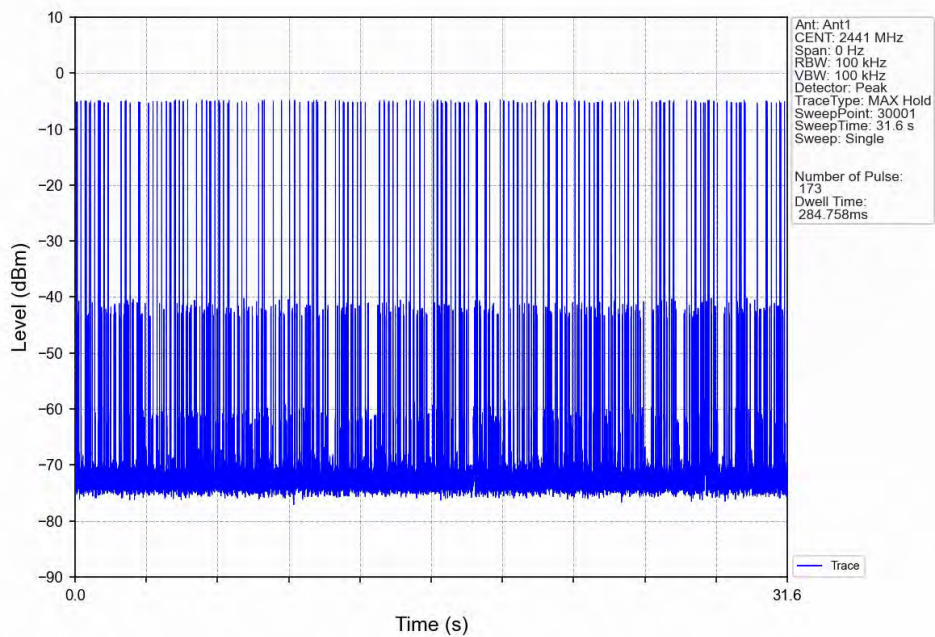
$\pi/4$ DQPSK_2DH1_HOPP_Ant1_NTNV



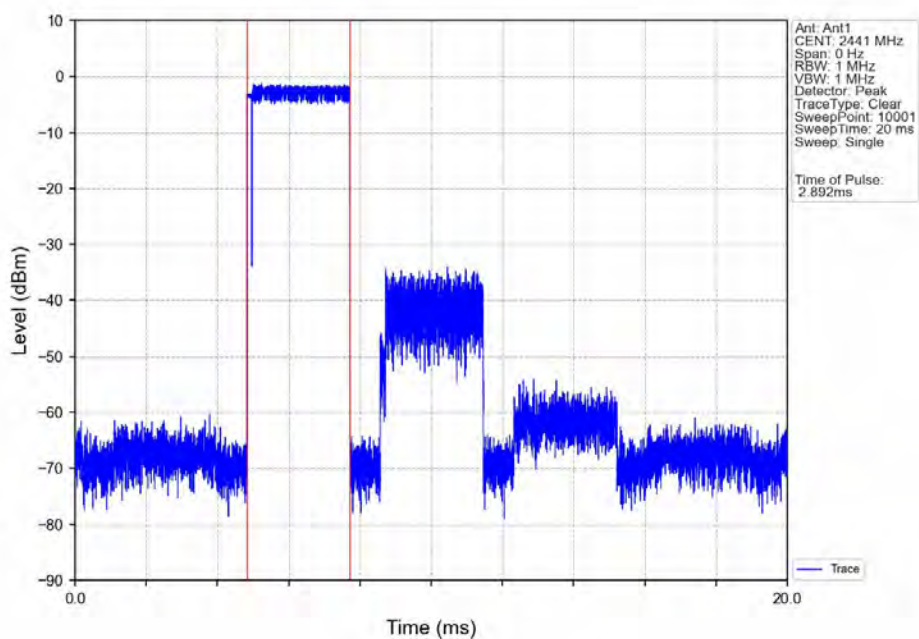
$\pi/4$ DQPSK_2DH3_HOPP_Ant1_NTNV



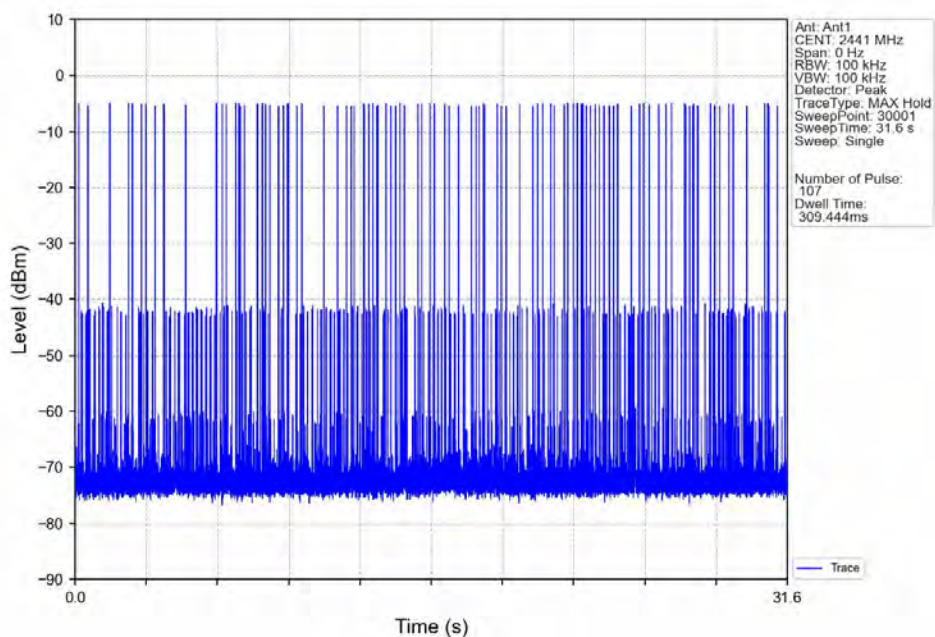
$\pi/4$ DQPSK_2DH3_HOPP_Ant1_NTNV



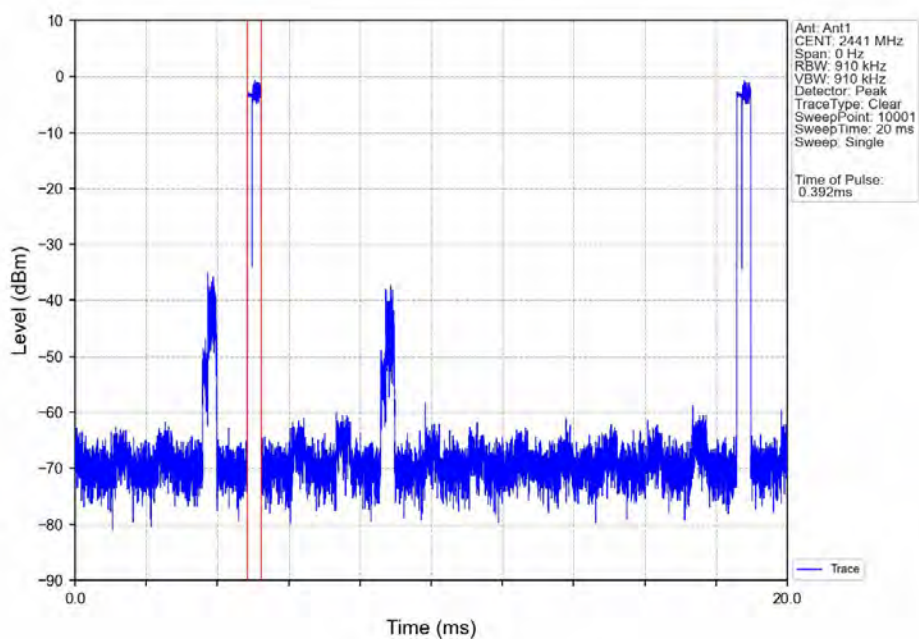
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



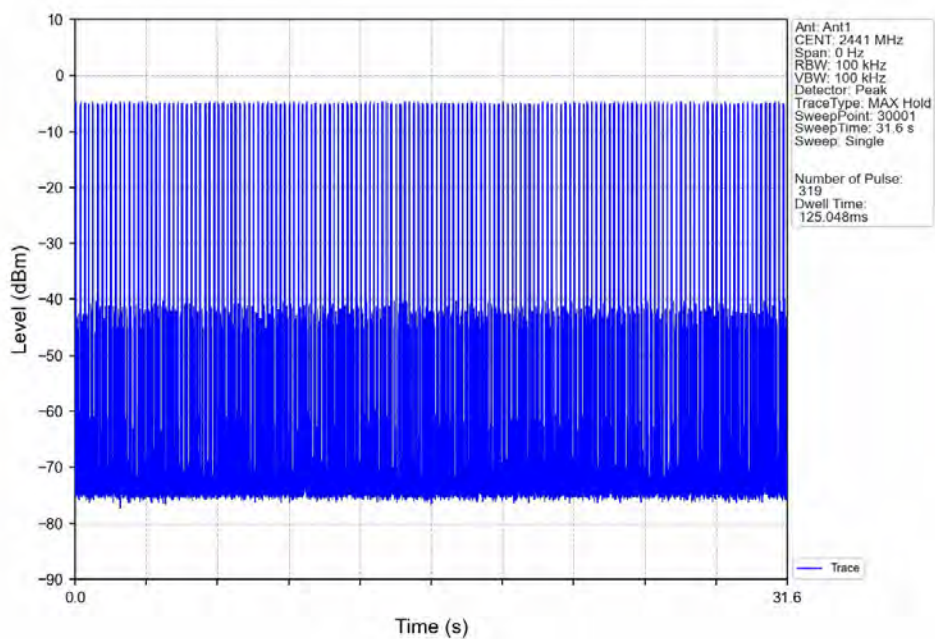
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



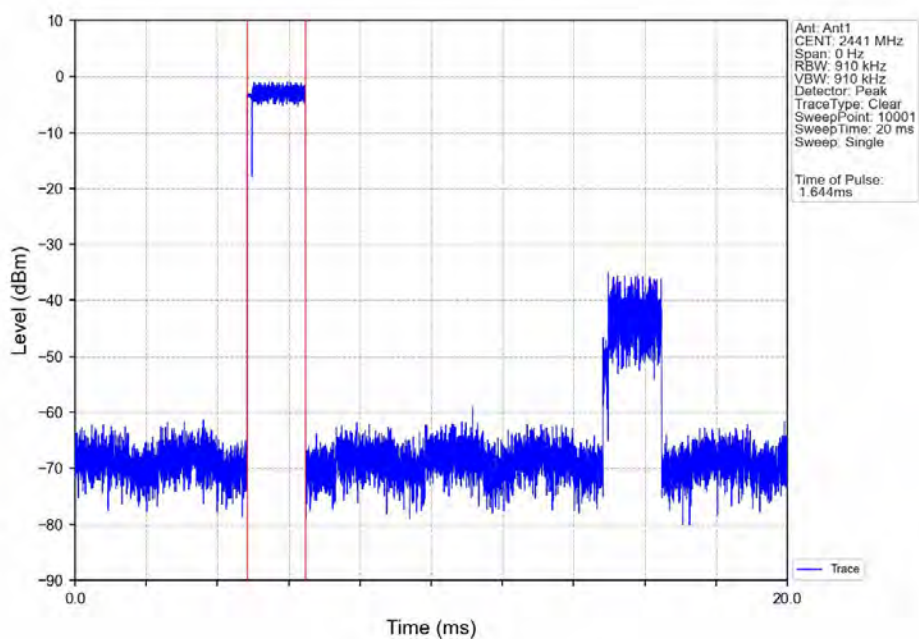
8DPSK_3DH1_HOPP_Ant1_NTNV



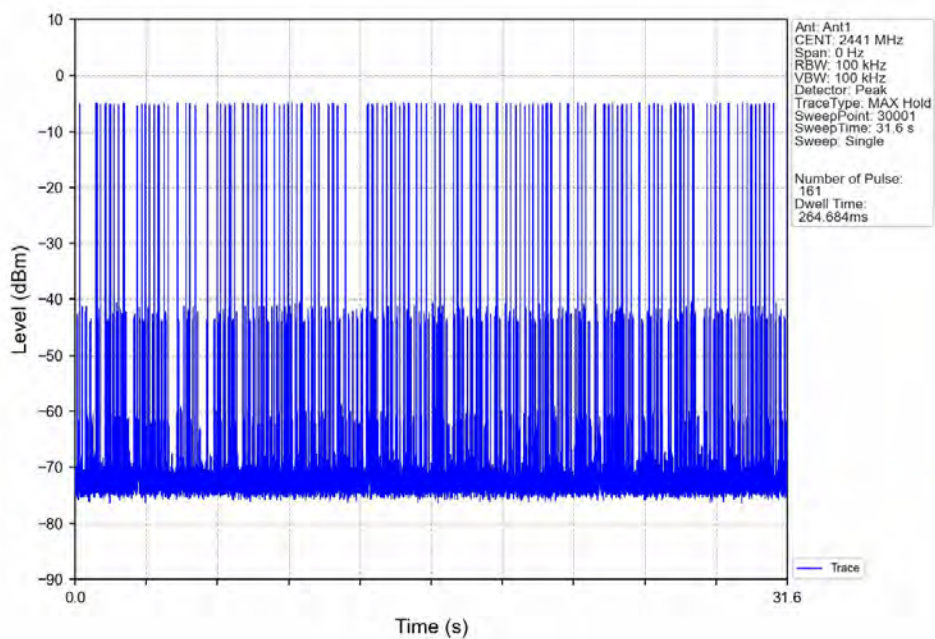
8DPSK_3DH1_HOPP_Ant1_NTNV



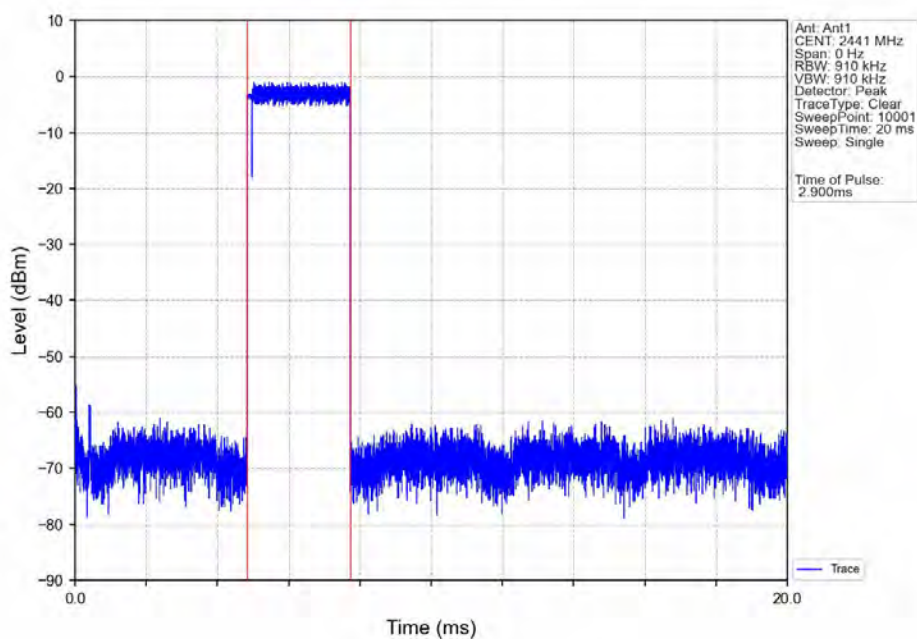
8DPSK_3DH3_HOPP_Ant1_NTNV



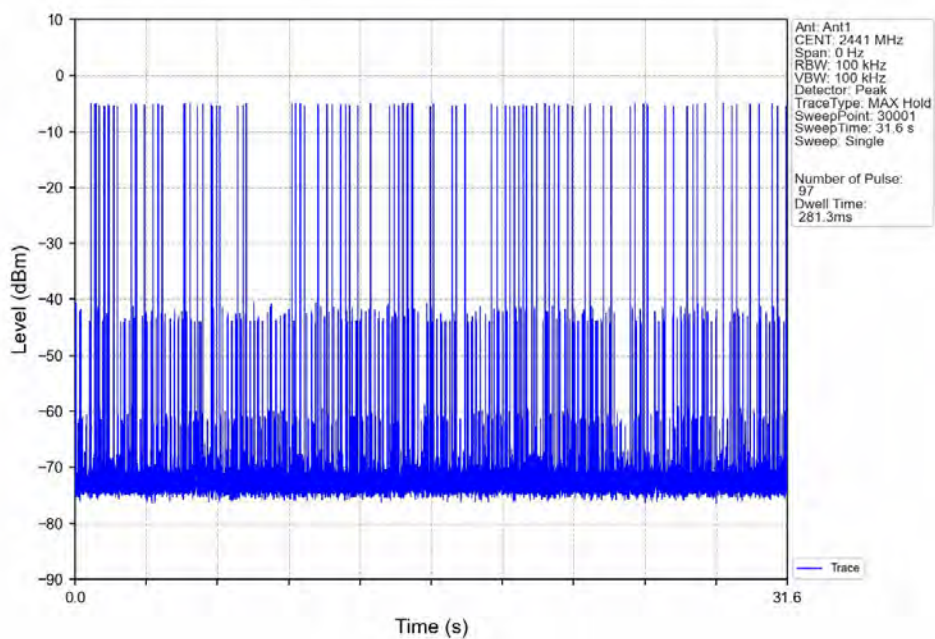
8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



7. Unwanted Emissions In Non-restricted Frequency Bands

7.1 Test Result

7.1.1 Ref

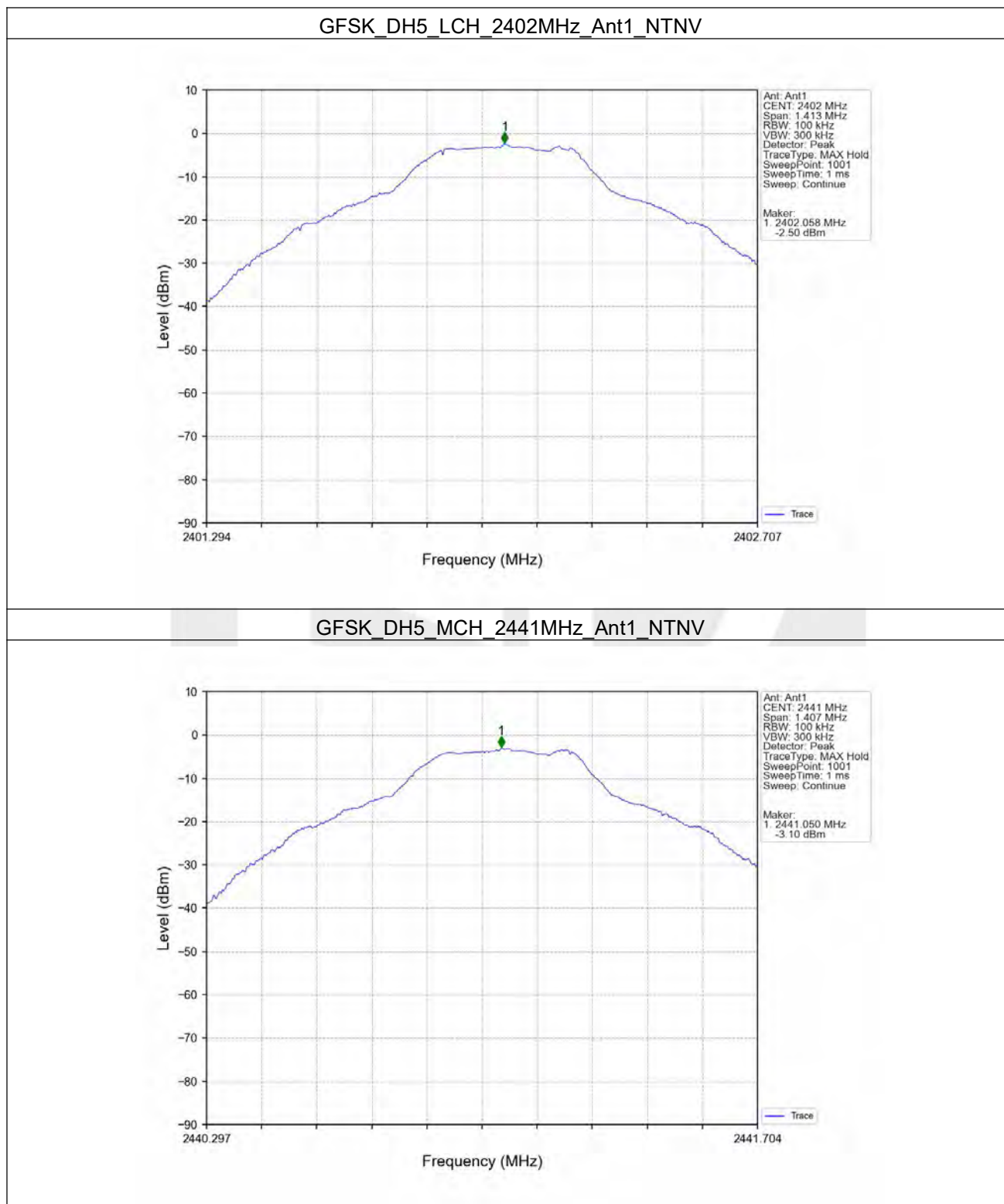
Mode	Tx Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-2.50
		2441	DH5	1	-3.10
		2480	DH5	1	-2.21
		HOPP	DH5	1	-2.44
					-2.44
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.49
		2441	2DH5	1	-3.12
		2480	2DH5	1	-2.60
		HOPP	2DH5	1	-2.72
					-2.72
8DPSK	SISO	2402	3DH5	1	-2.57
		2441	3DH5	1	-3.12
		2480	3DH5	1	-2.48
		HOPP	3DH5	1	-2.64
					-2.64
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.					

7.1.2 CSE

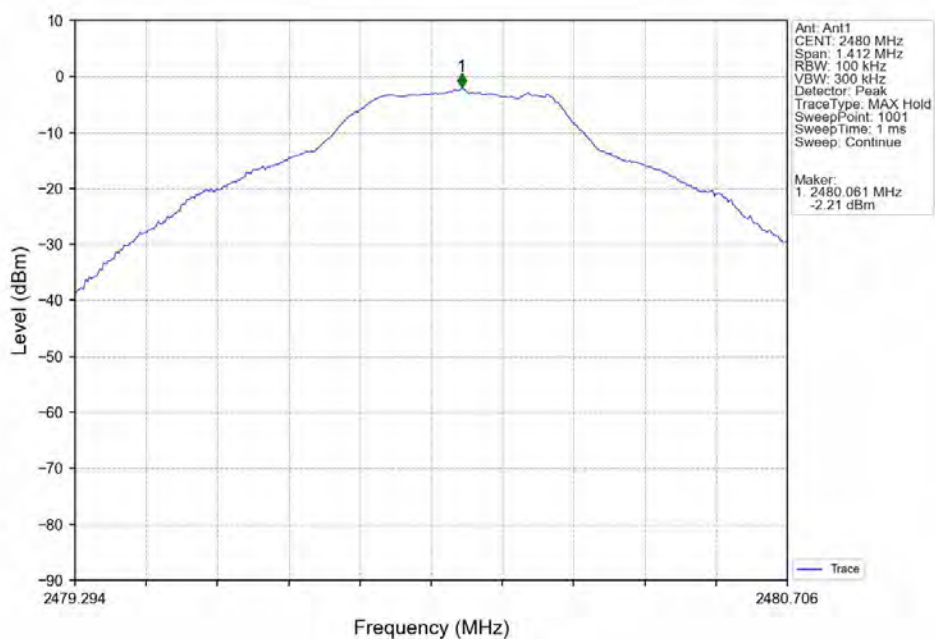
Mode	Tx Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-2.50	-22.50	Pass
		2441	DH5	1	-3.10	-23.10	Pass
		2480	DH5	1	-2.21	-22.21	Pass
		HOPP	DH5	1	-2.44	-22.44	Pass
					-2.44	-22.44	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.49	-22.49	Pass
		2441	2DH5	1	-3.12	-23.12	Pass
		2480	2DH5	1	-2.60	-22.60	Pass
		HOPP	2DH5	1	-2.72	-22.72	Pass
					-2.72	-22.72	Pass
8DPSK	SISO	2402	3DH5	1	-2.57	-22.57	Pass
		2441	3DH5	1	-3.12	-23.12	Pass
		2480	3DH5	1	-2.48	-22.48	Pass
		HOPP	3DH5	1	-2.64	-22.64	Pass
					-2.64	-22.64	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.							

7.2 Test Graph

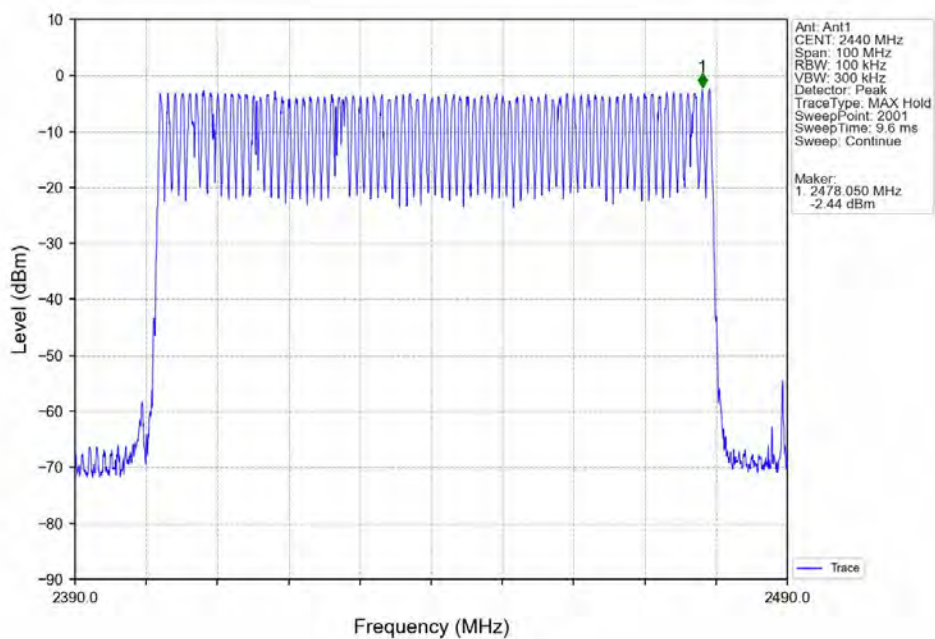
7.2.1 Ref



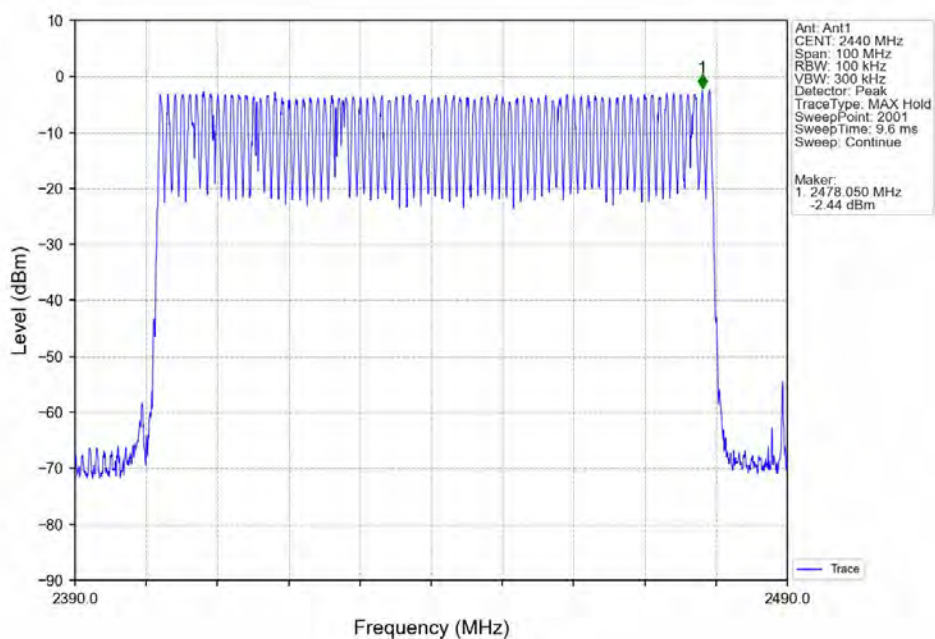
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



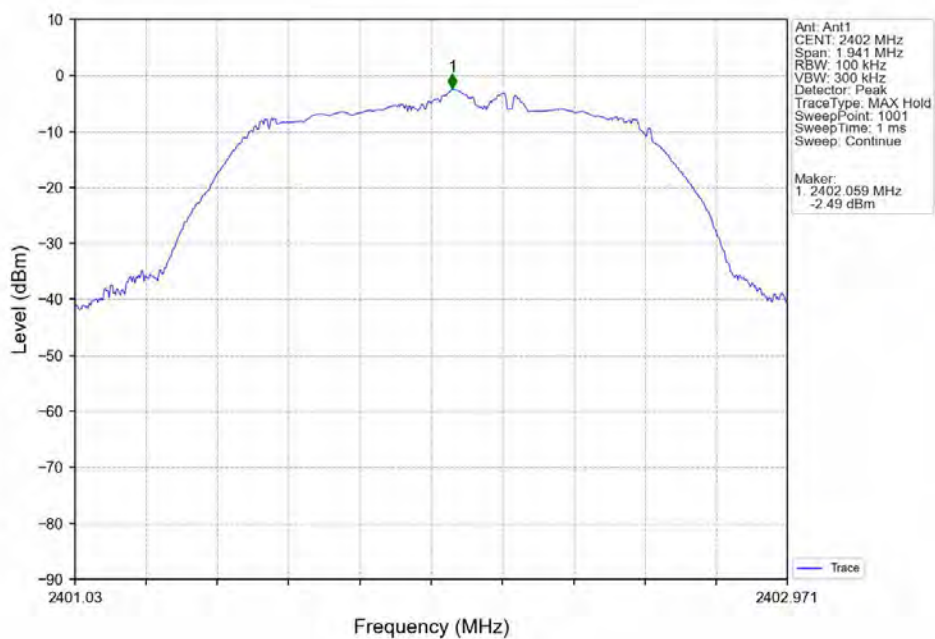
GFSK_DH5_HOPP_Ant1_NTNV



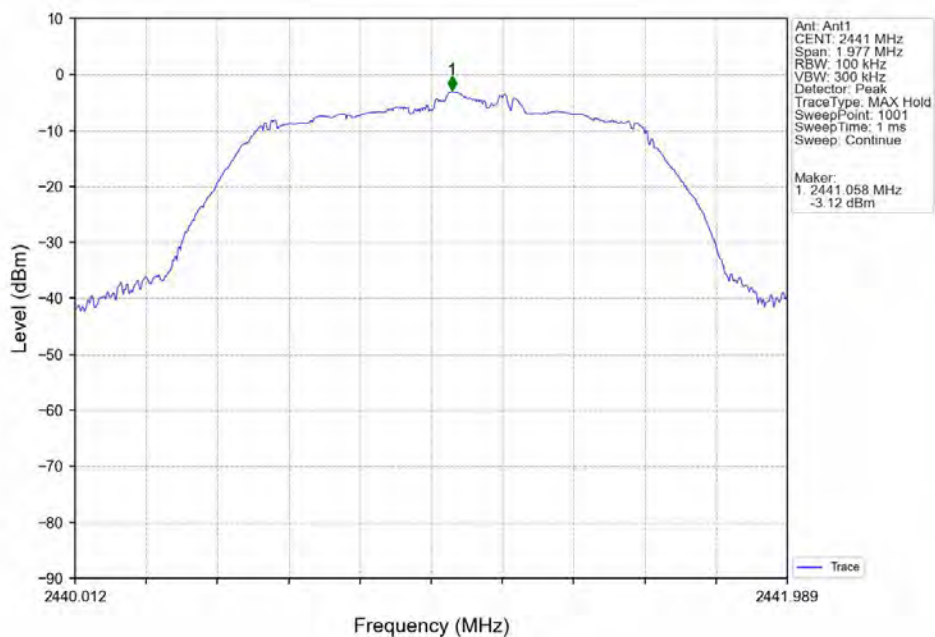
GFSK_DH5_HOPP_Ant1_NTNV



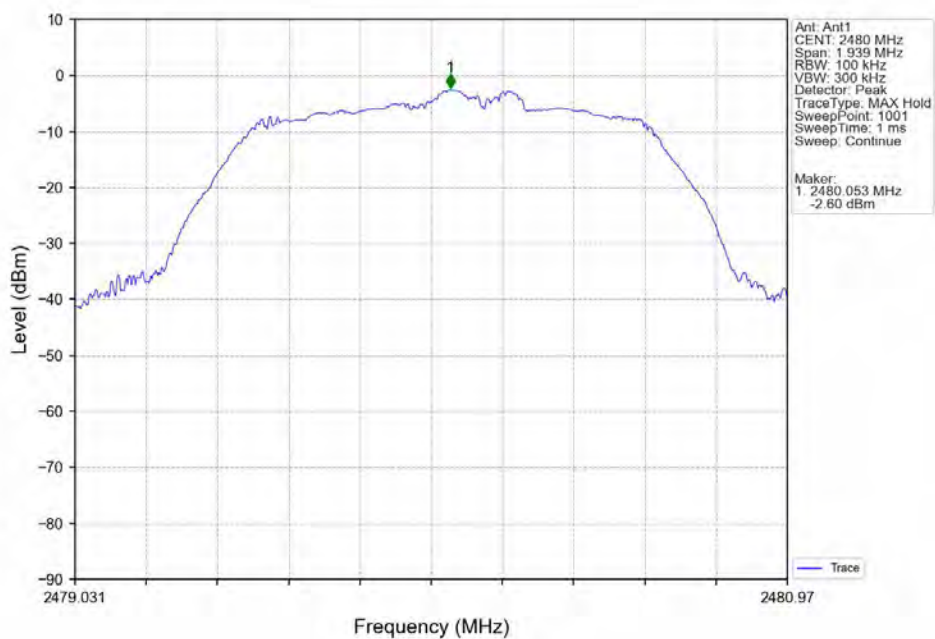
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



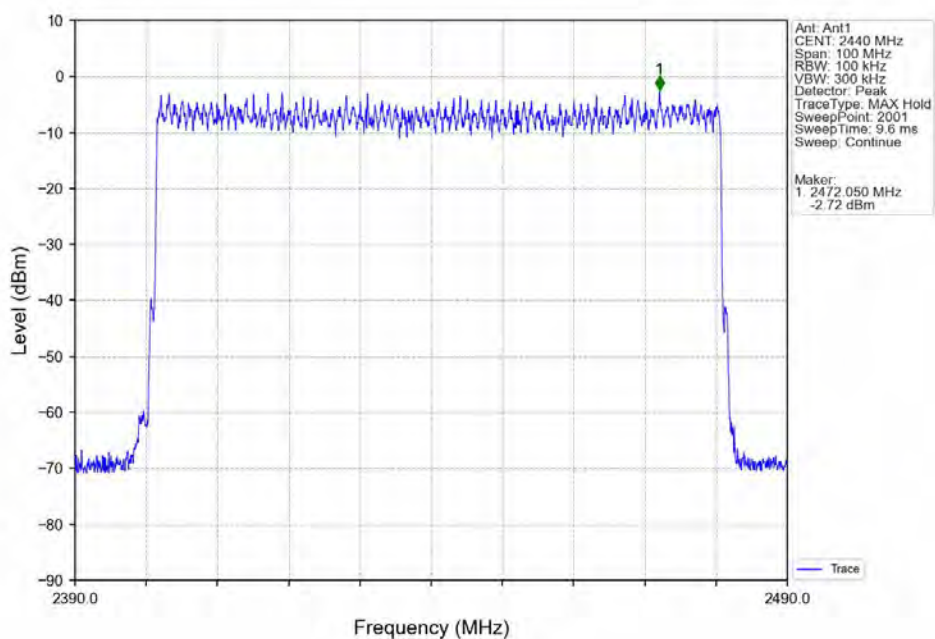
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



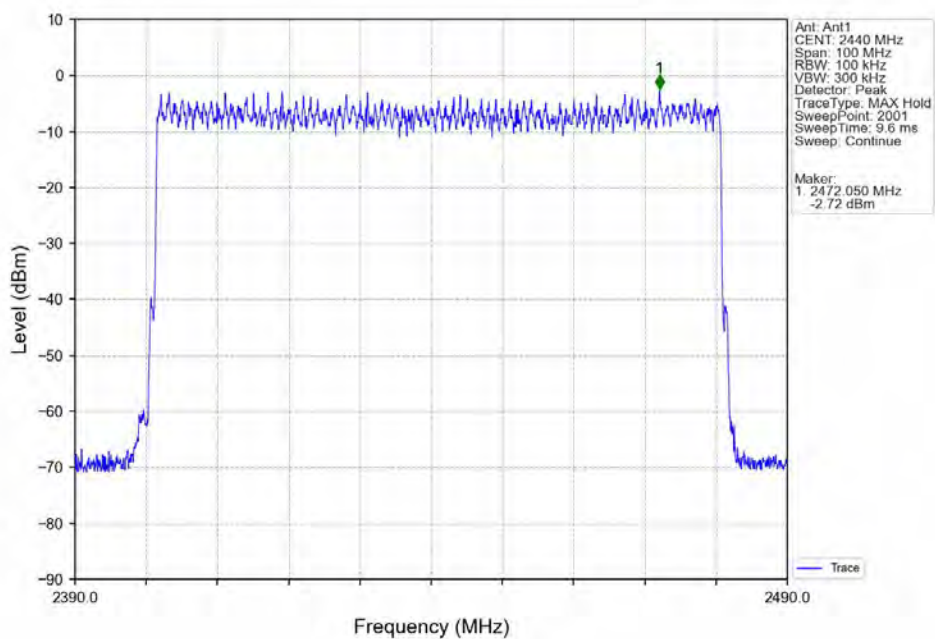
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



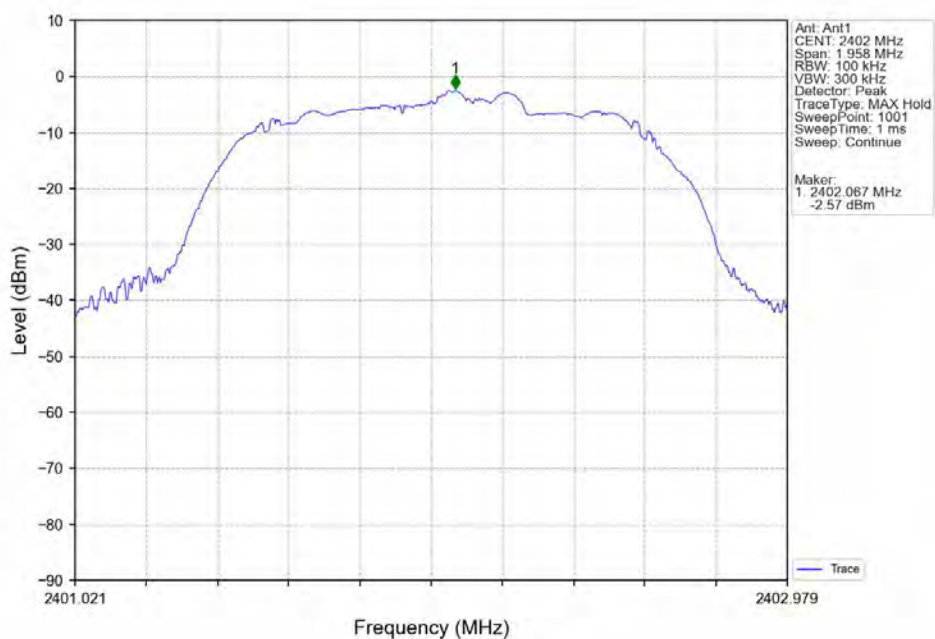
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



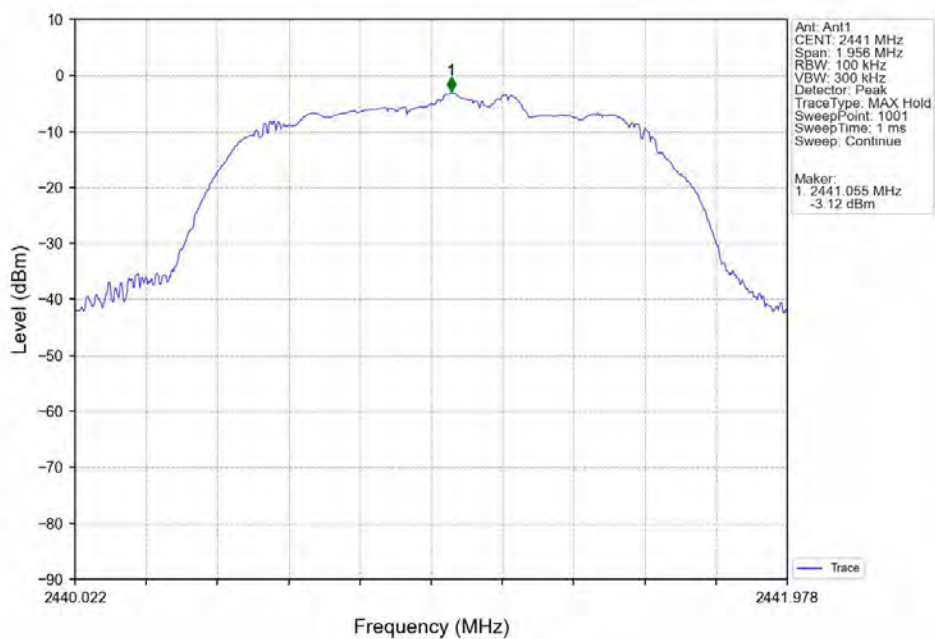
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



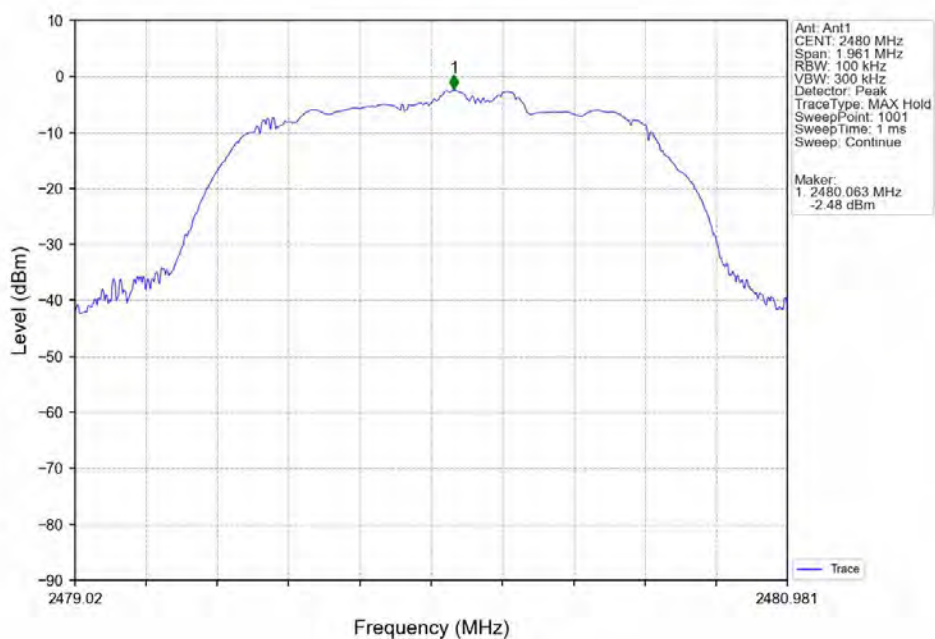
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



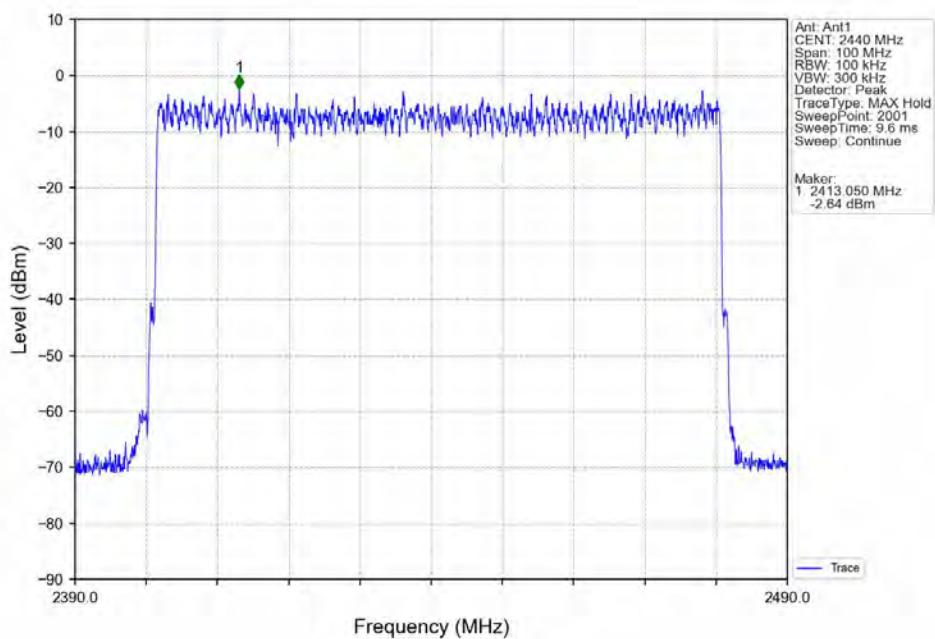
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

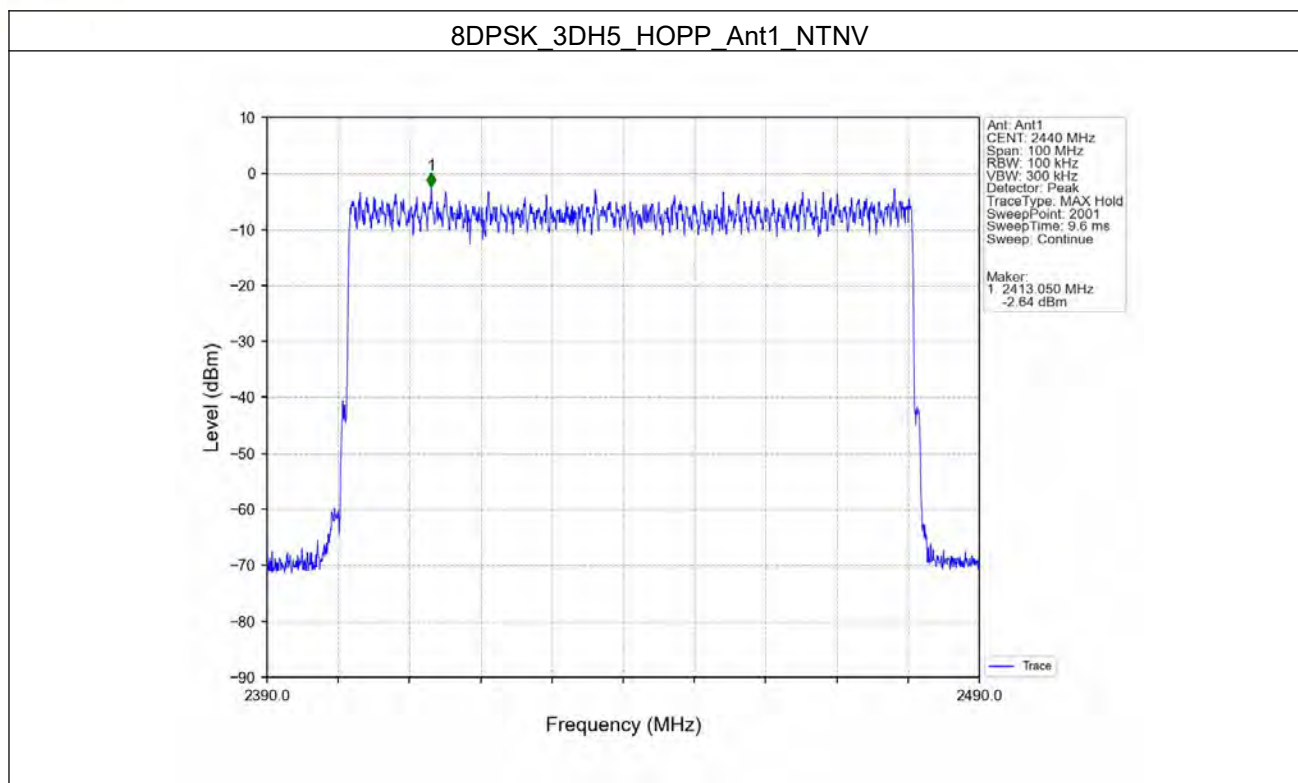


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

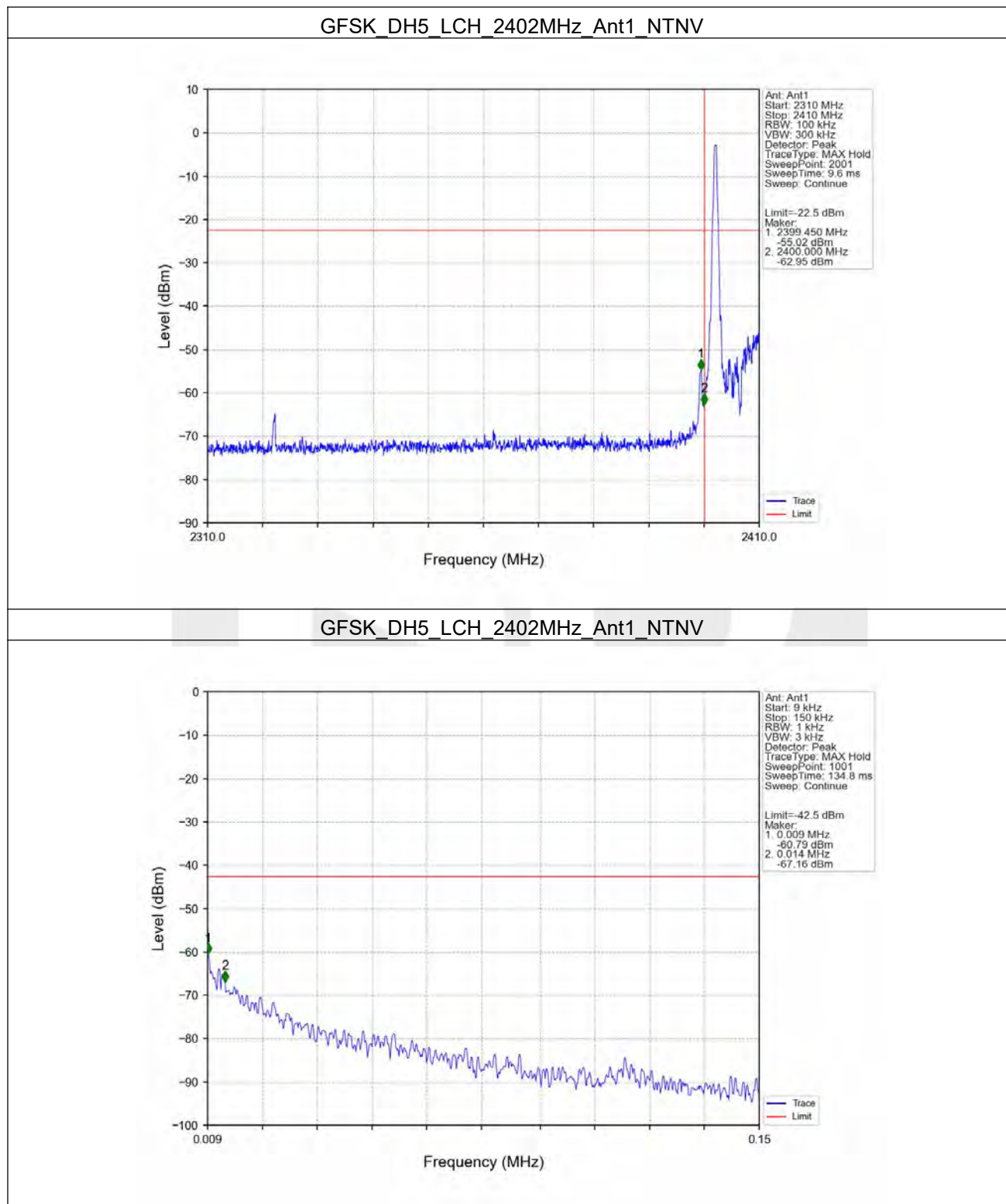


8DPSK_3DH5_HOPP_Ant1_NTNV

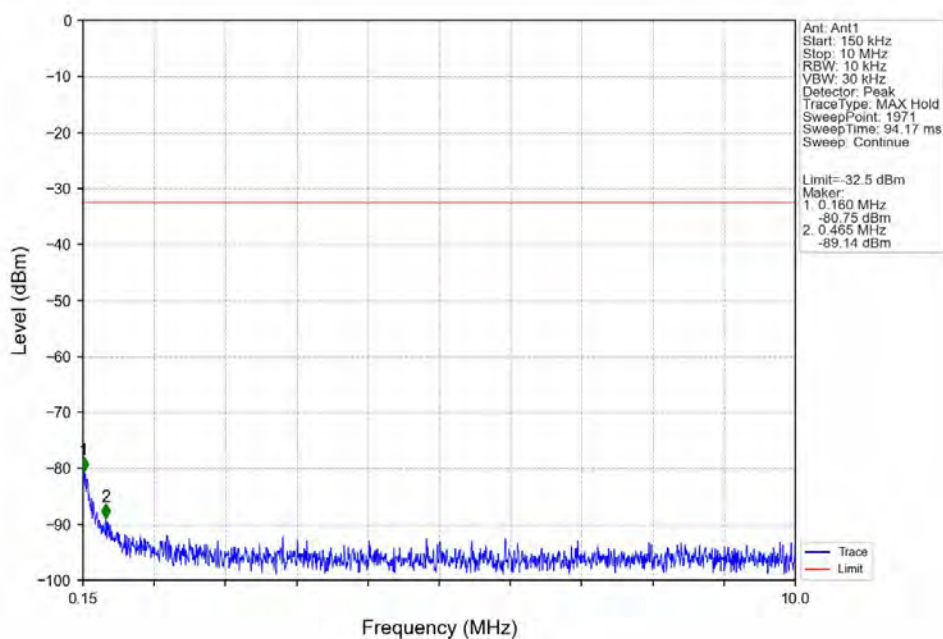




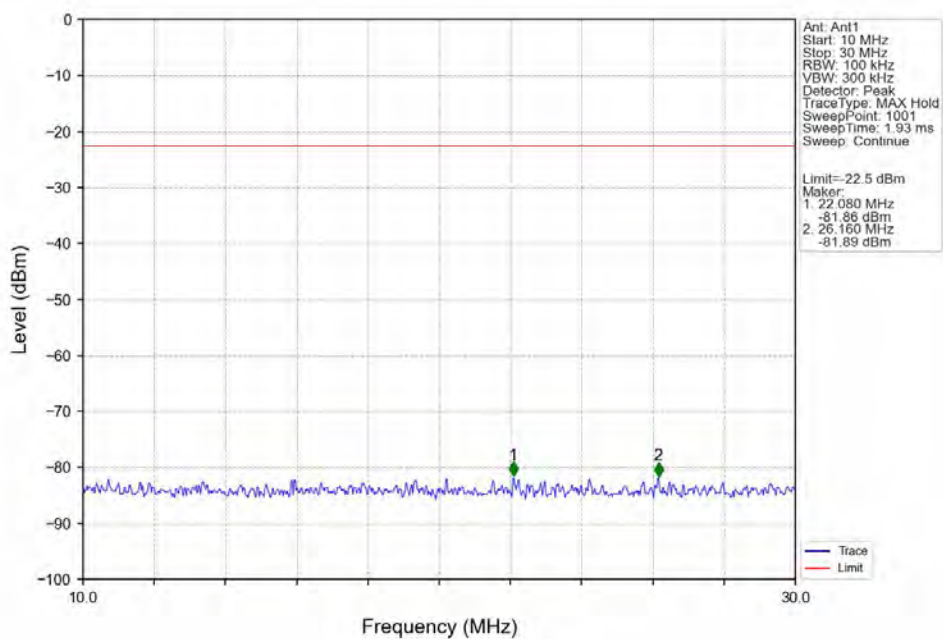
7.2.2 CSE



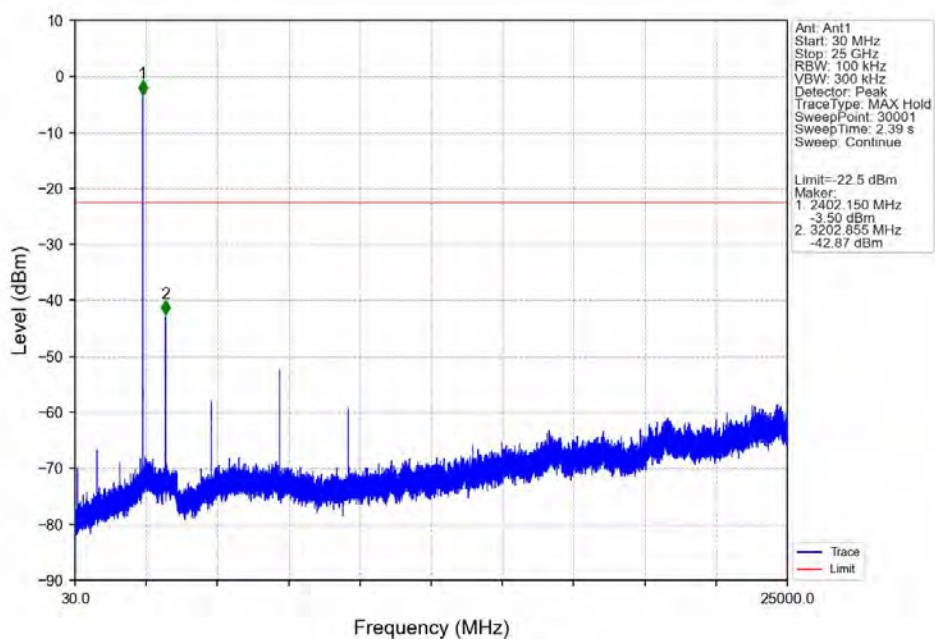
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



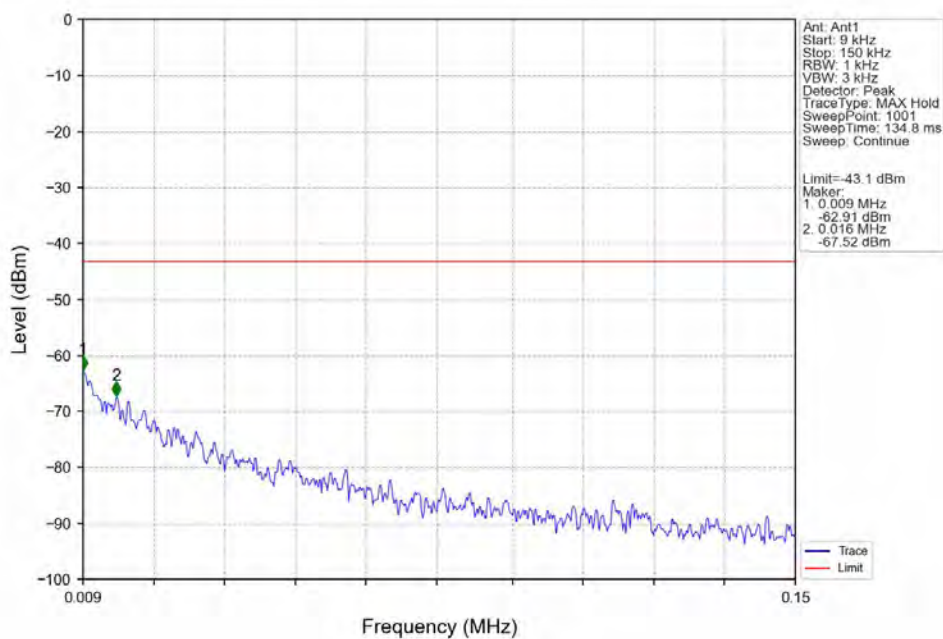
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



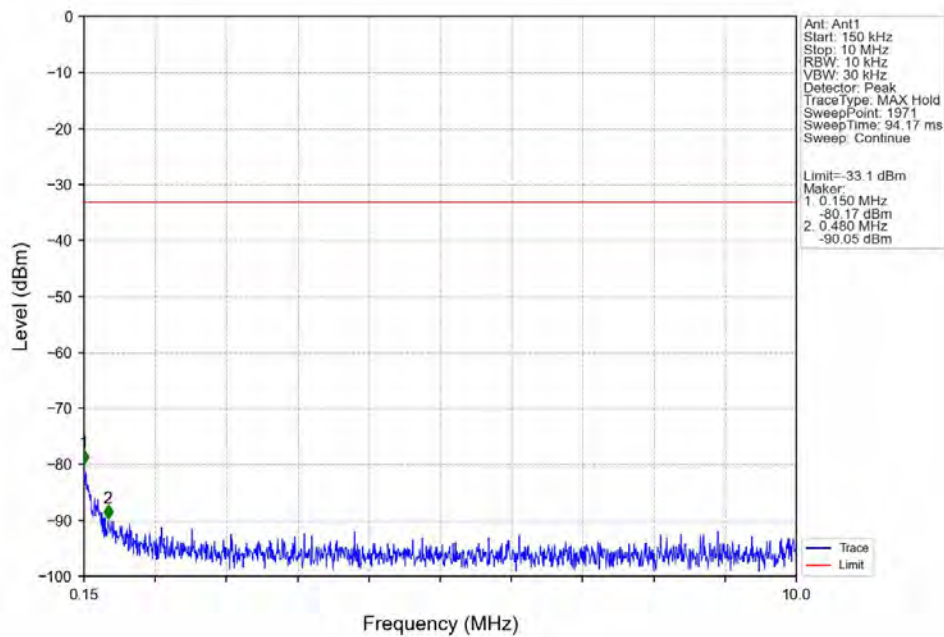
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



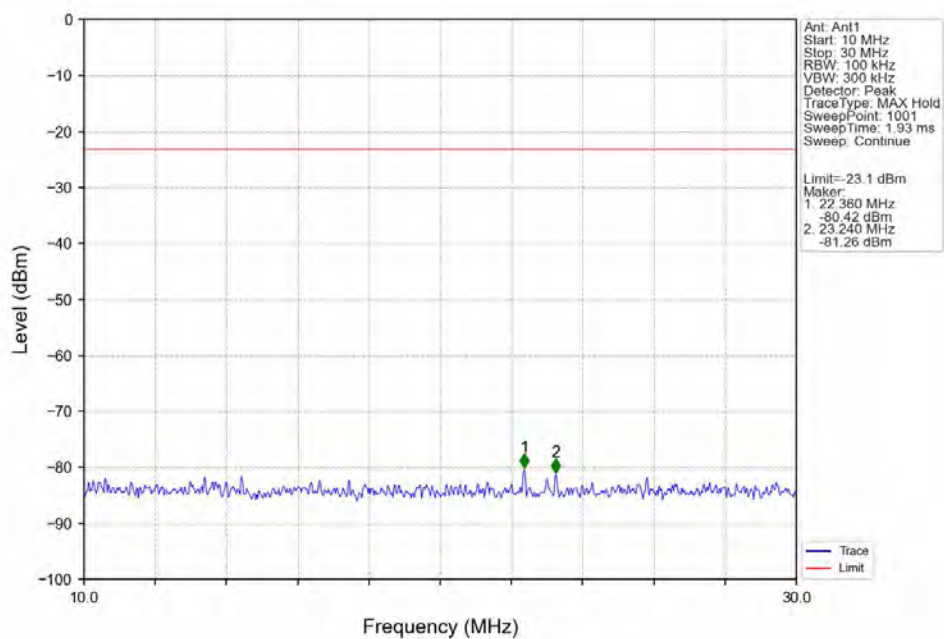
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



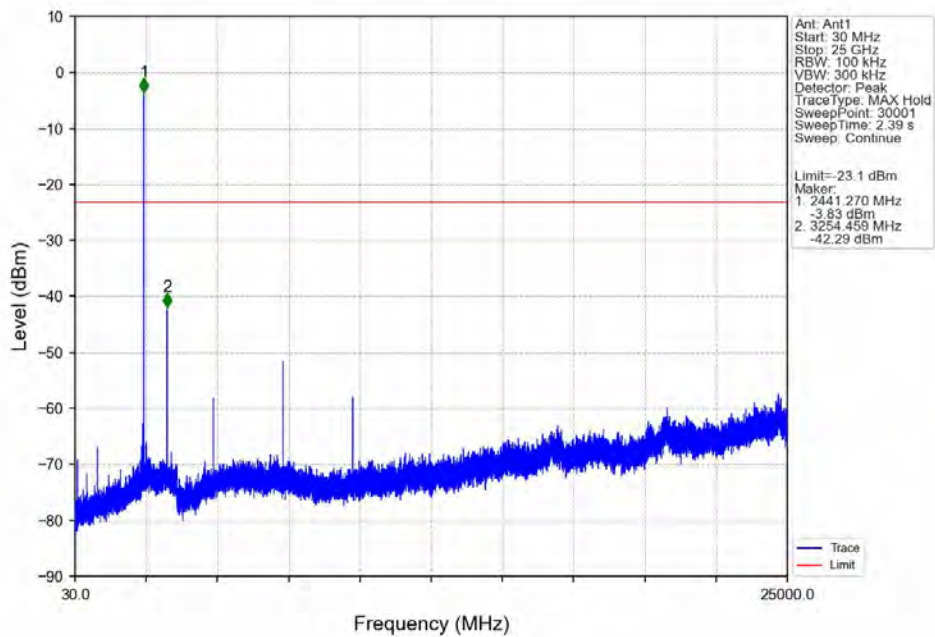
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



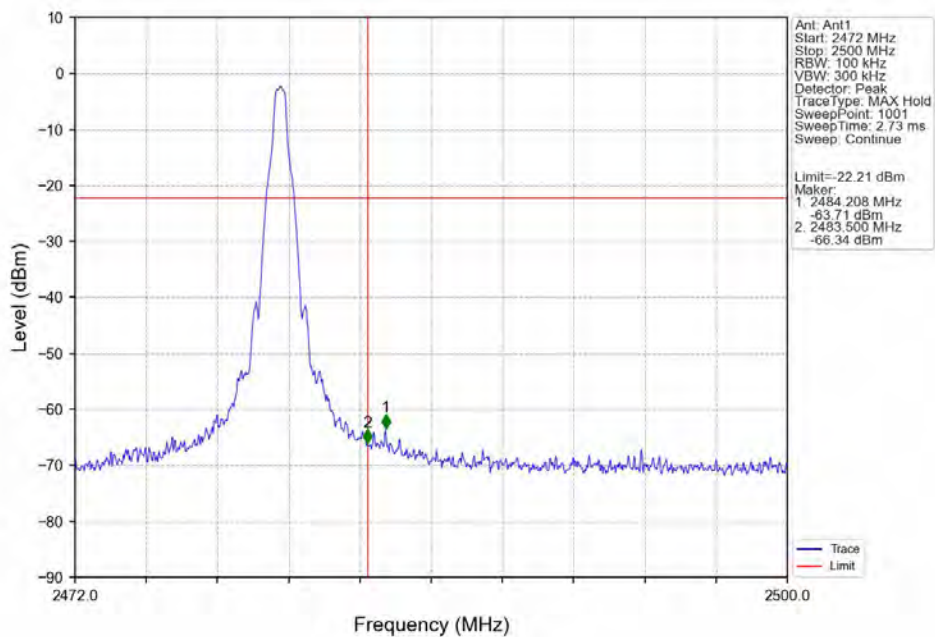
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



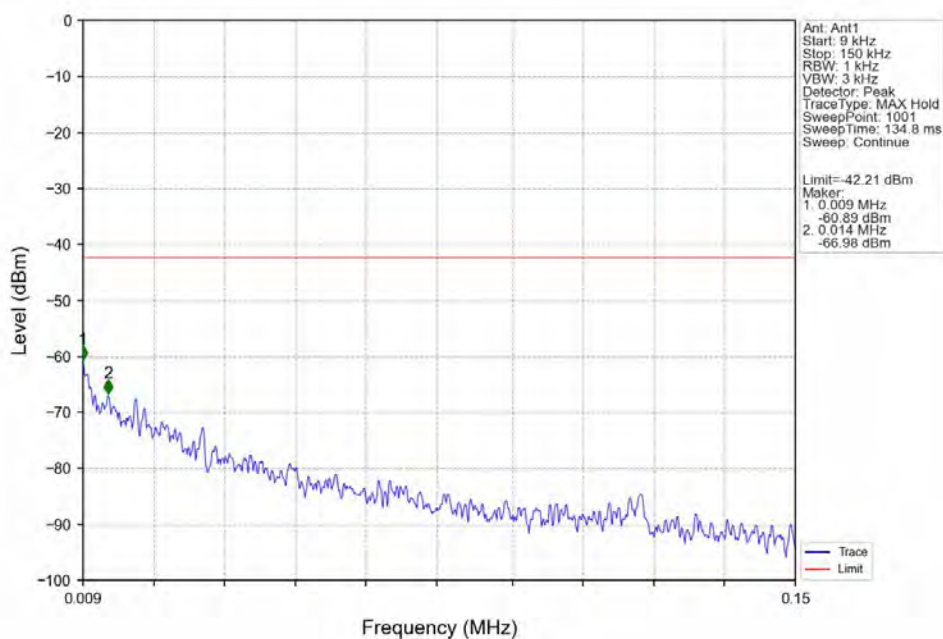
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



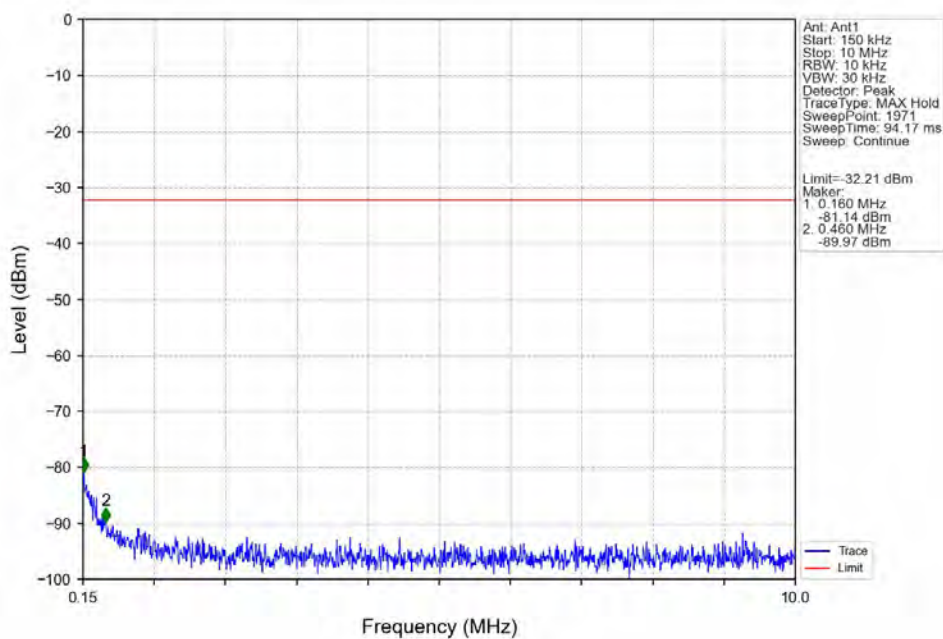
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



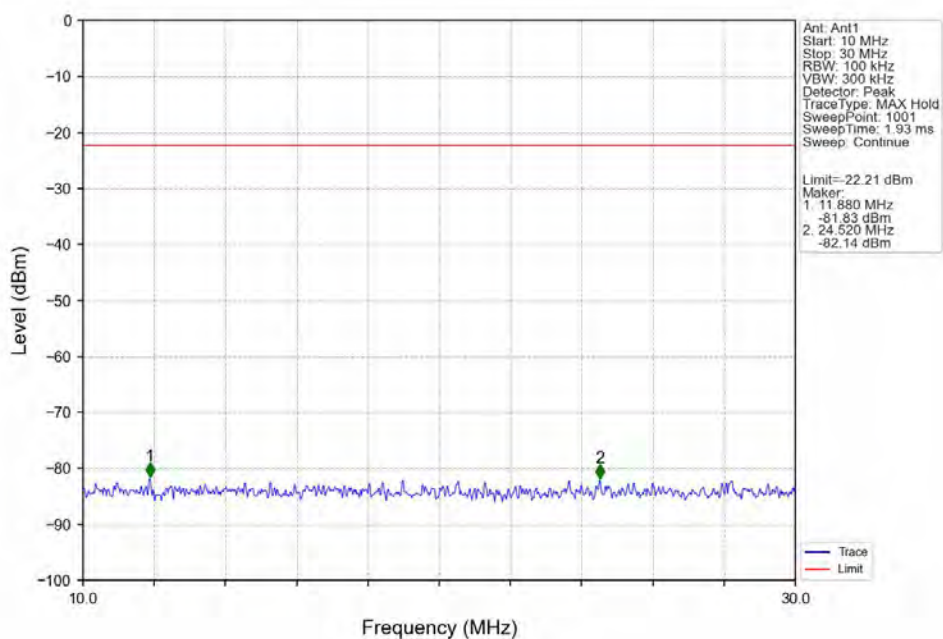
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



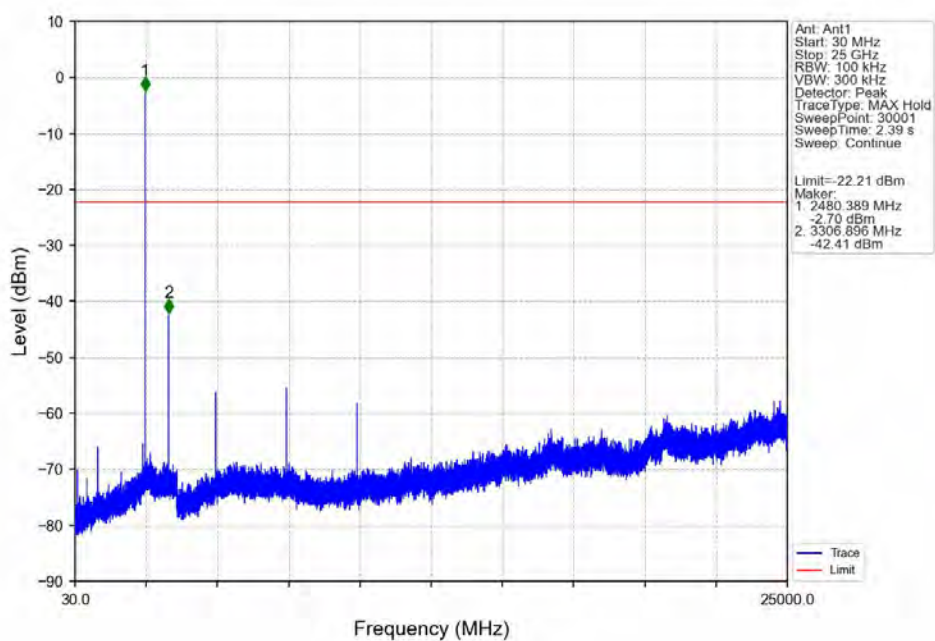
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



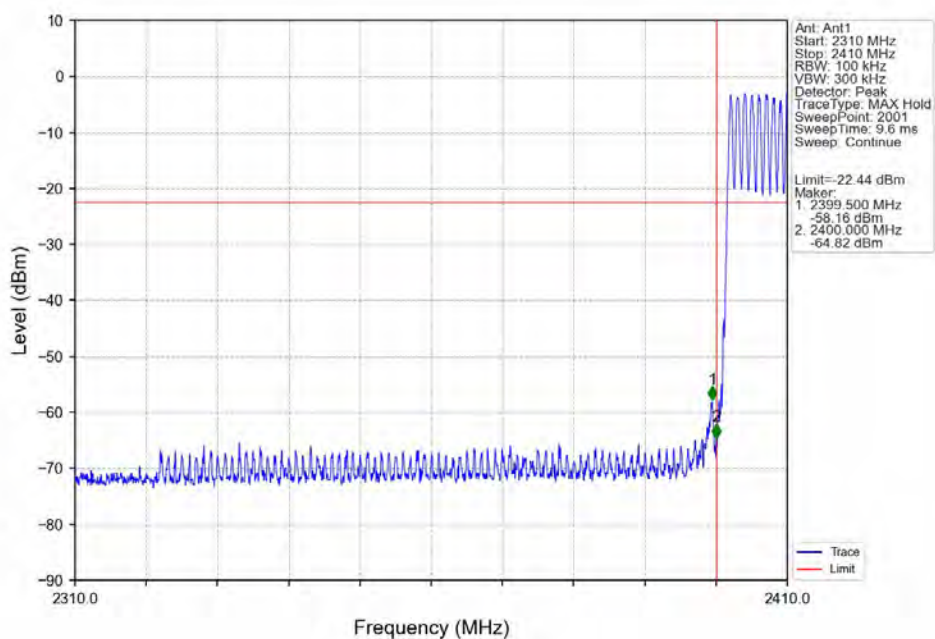
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



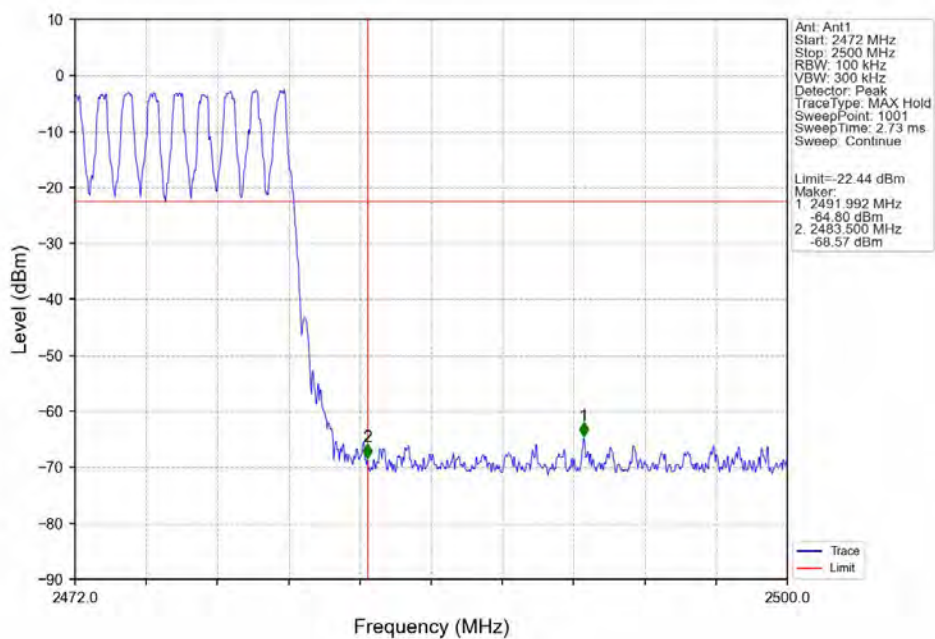
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



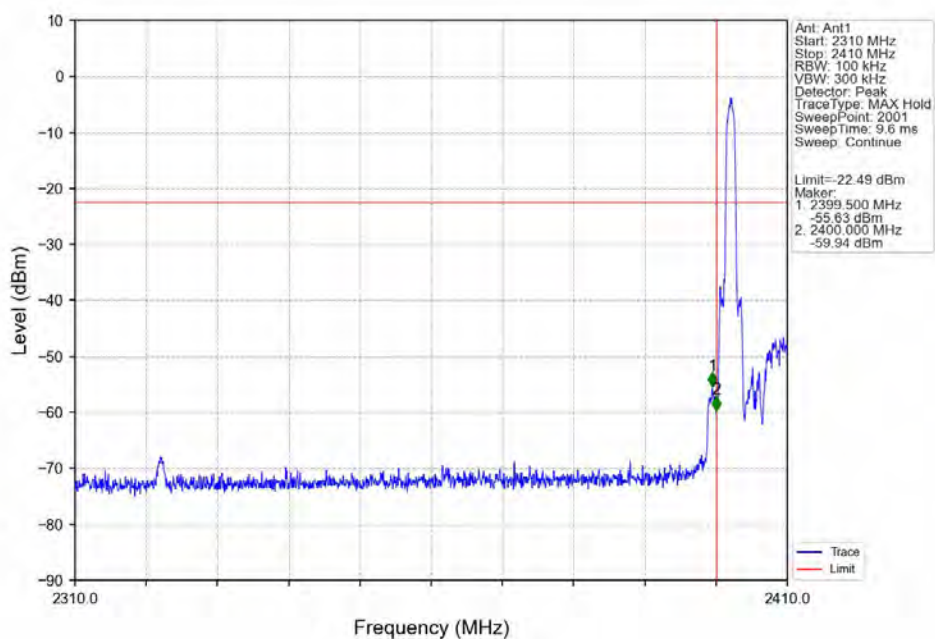
GFSK_DH5_HOPP_Ant1_NTNV



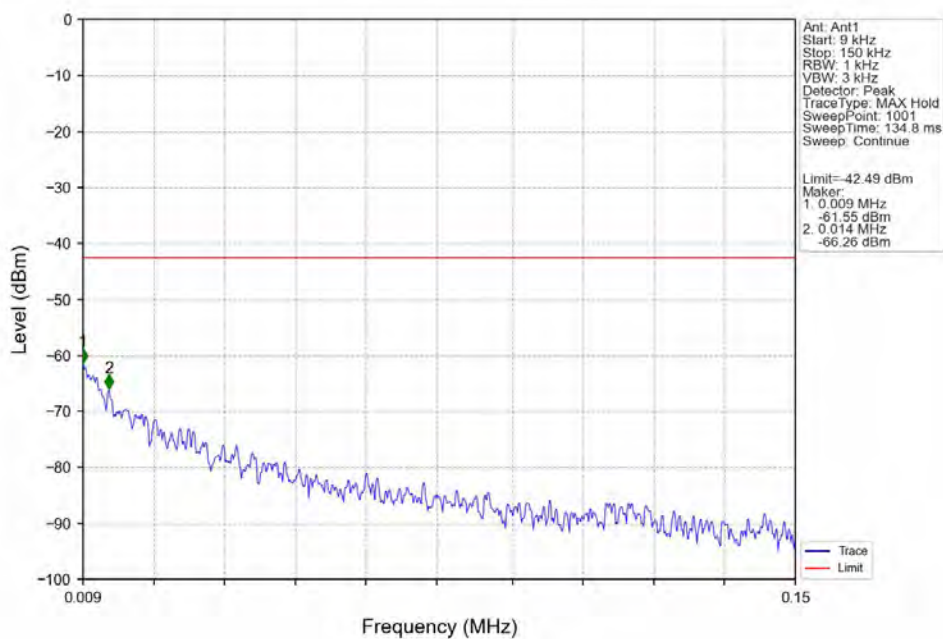
GFSK_DH5_HOPP_Ant1_NTNV



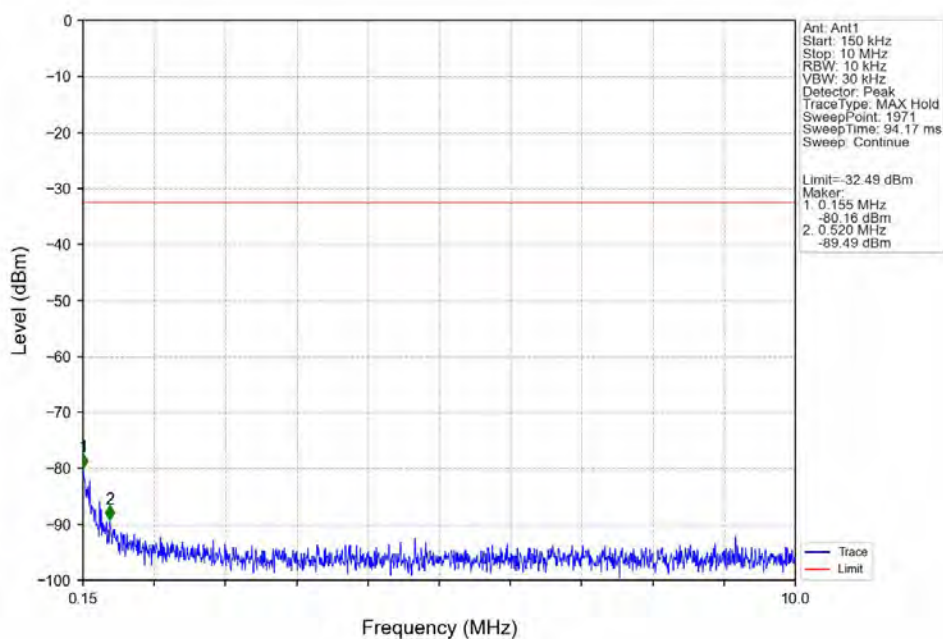
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



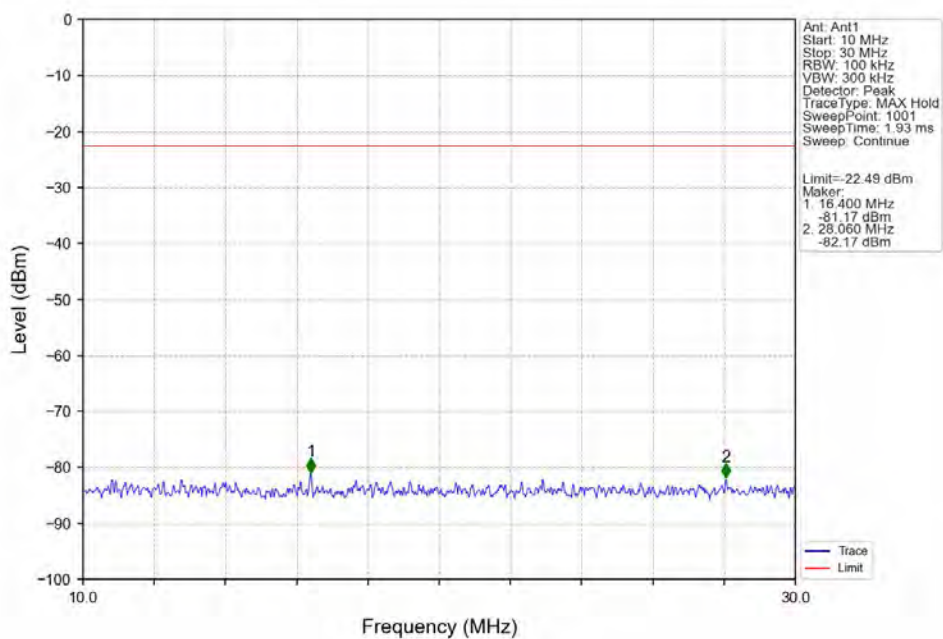
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



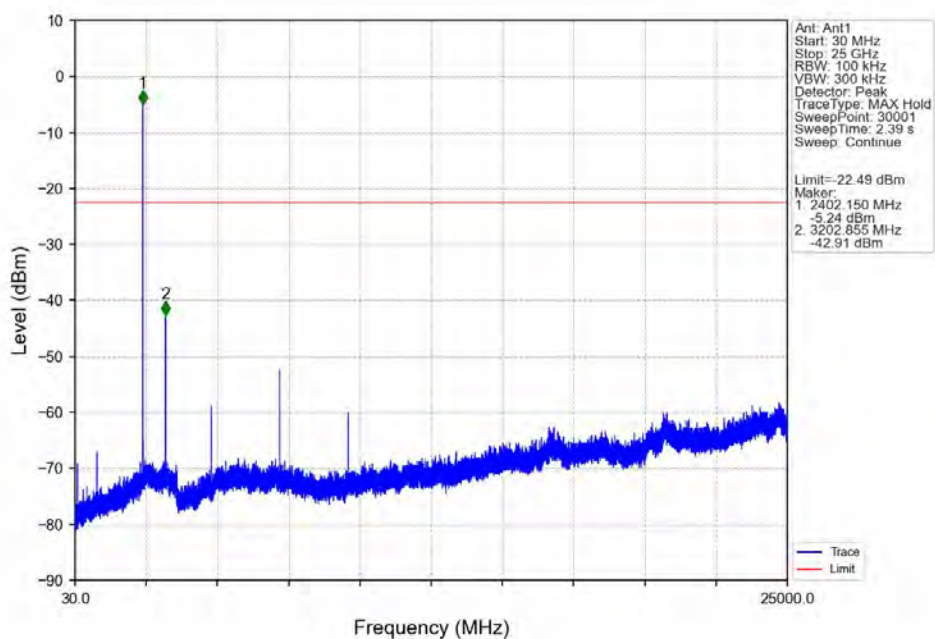
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



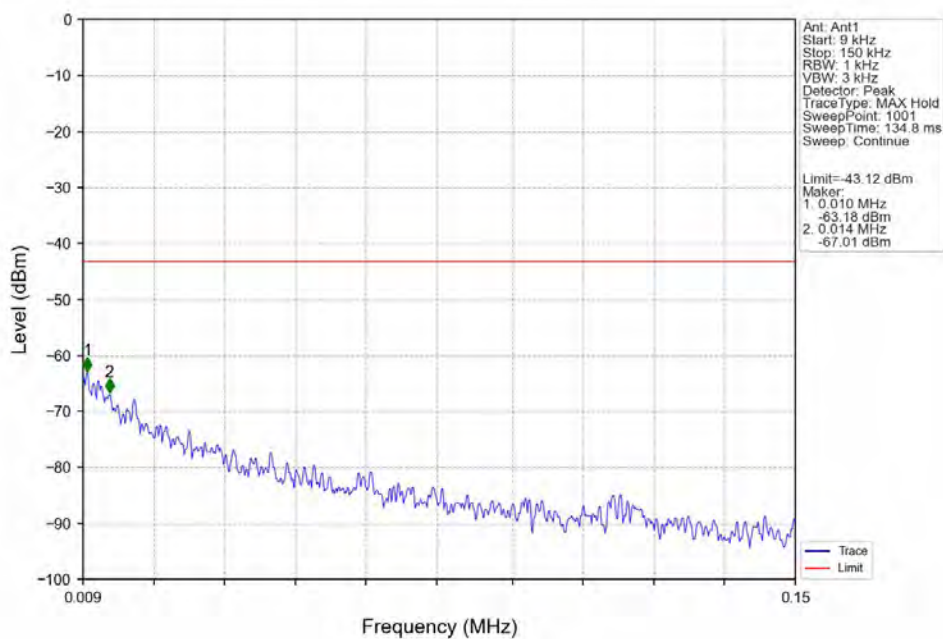
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



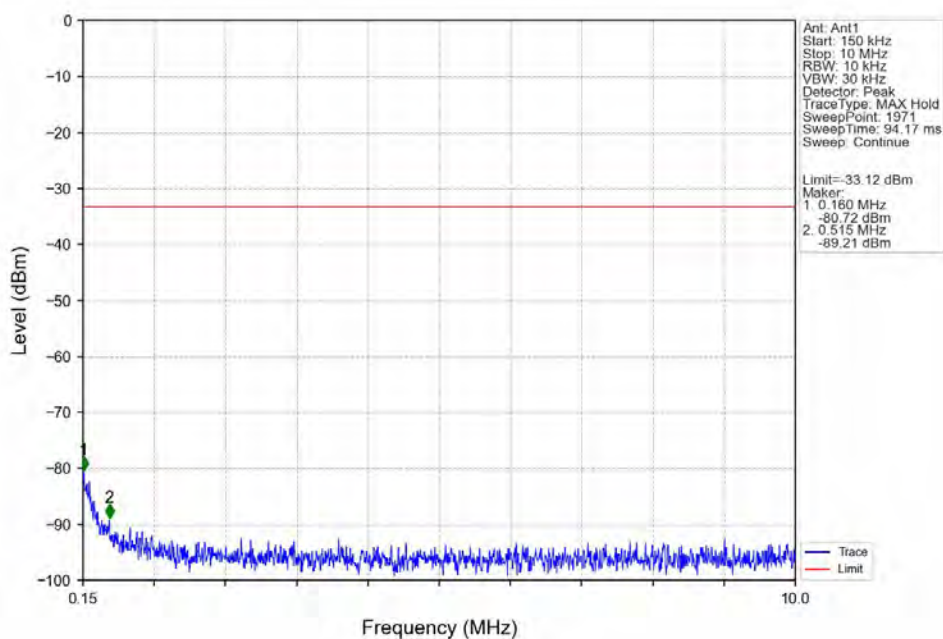
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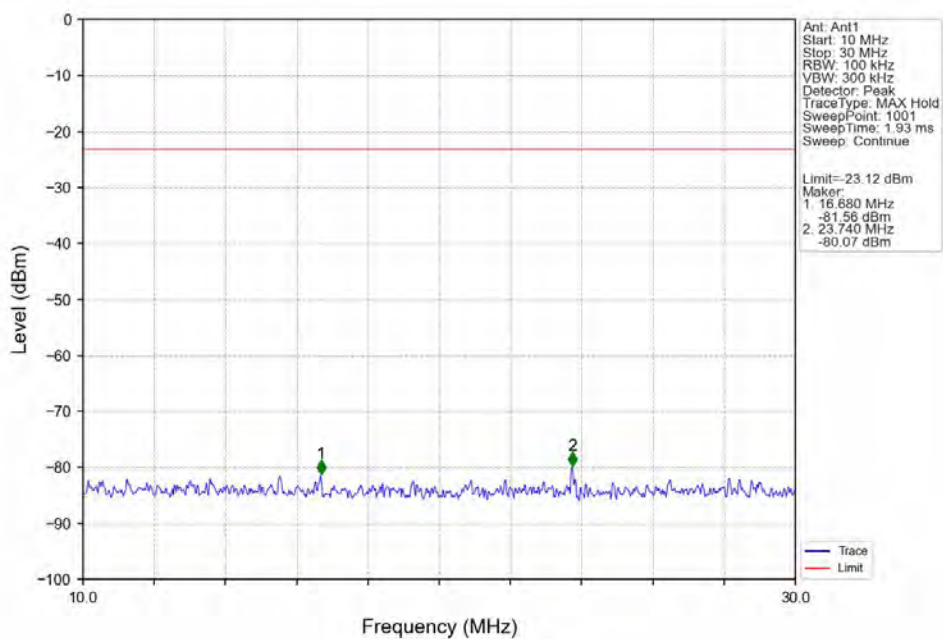
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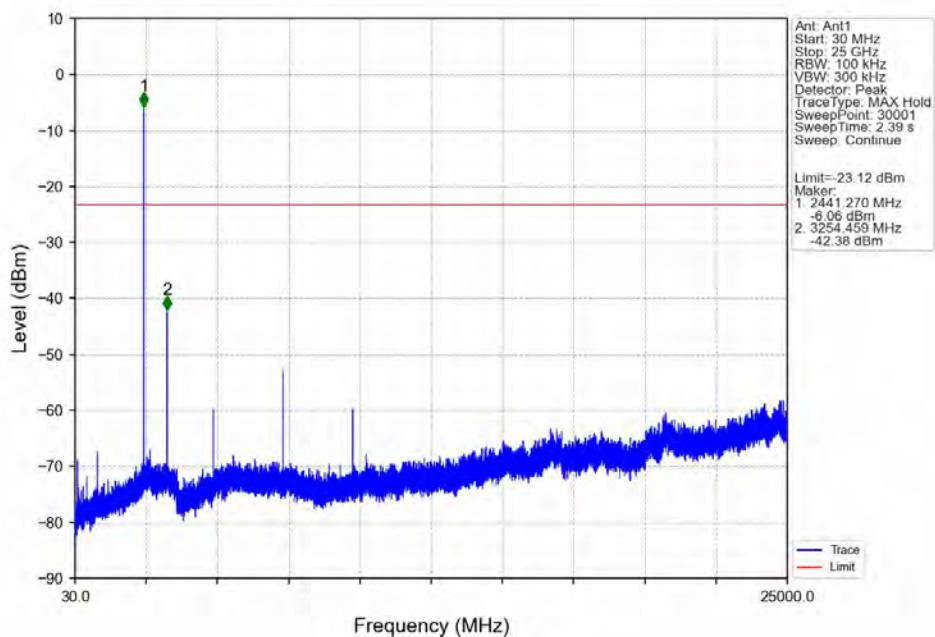
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



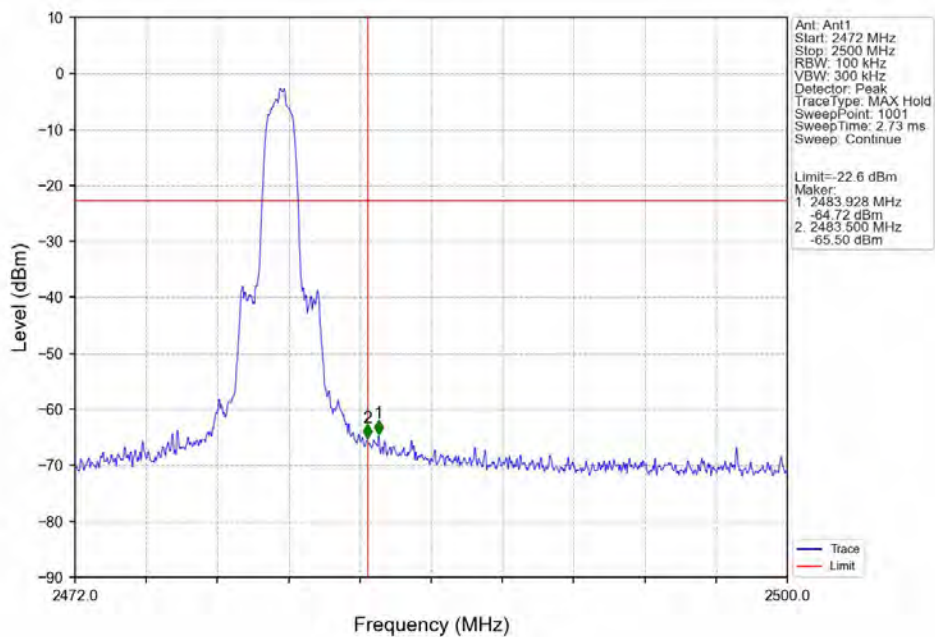
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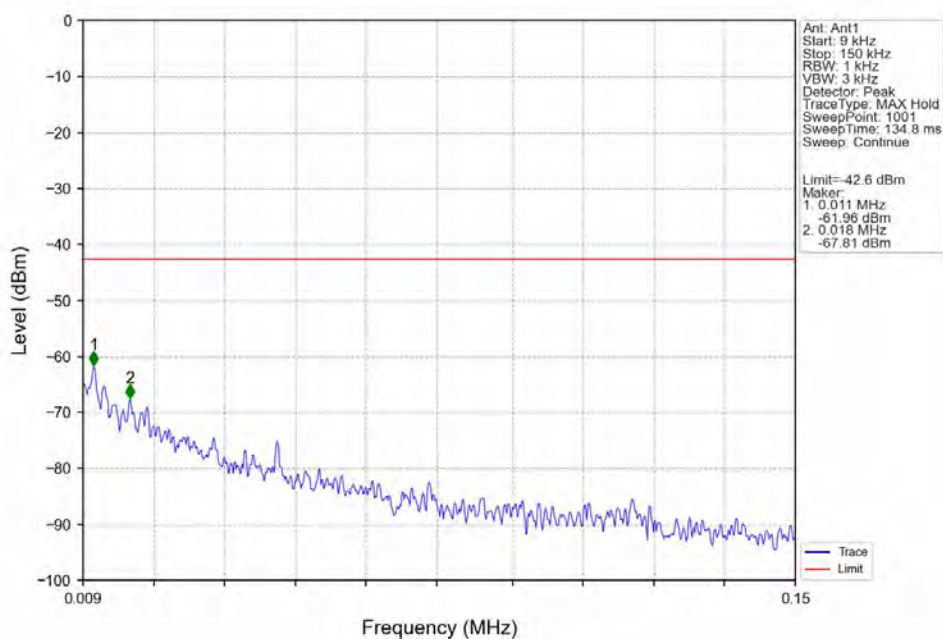
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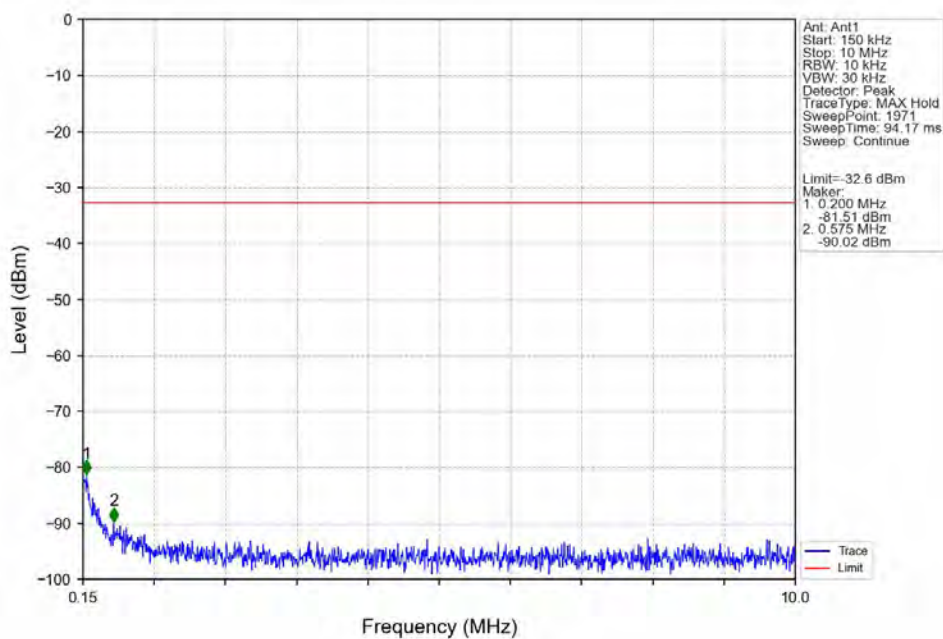
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



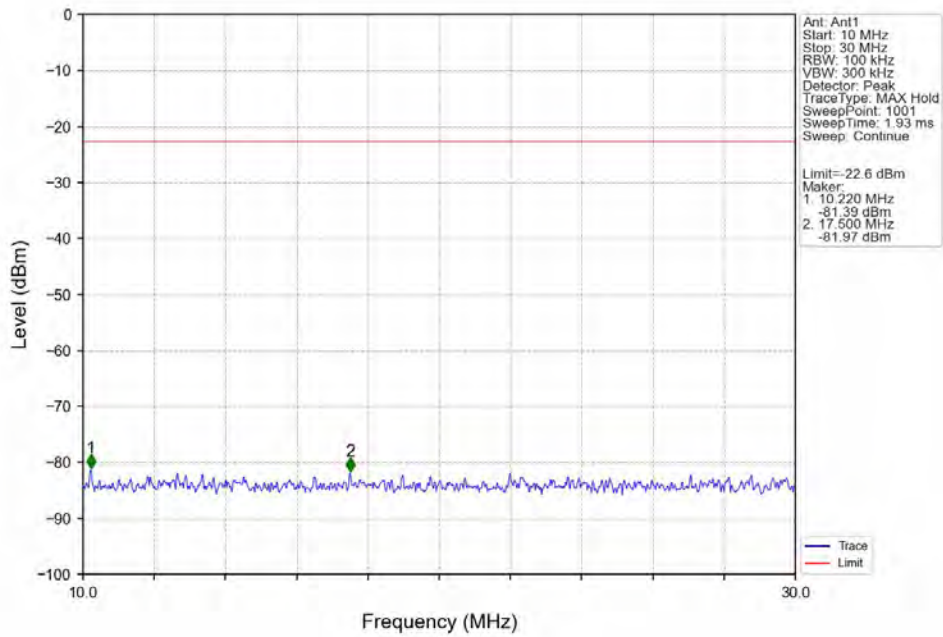
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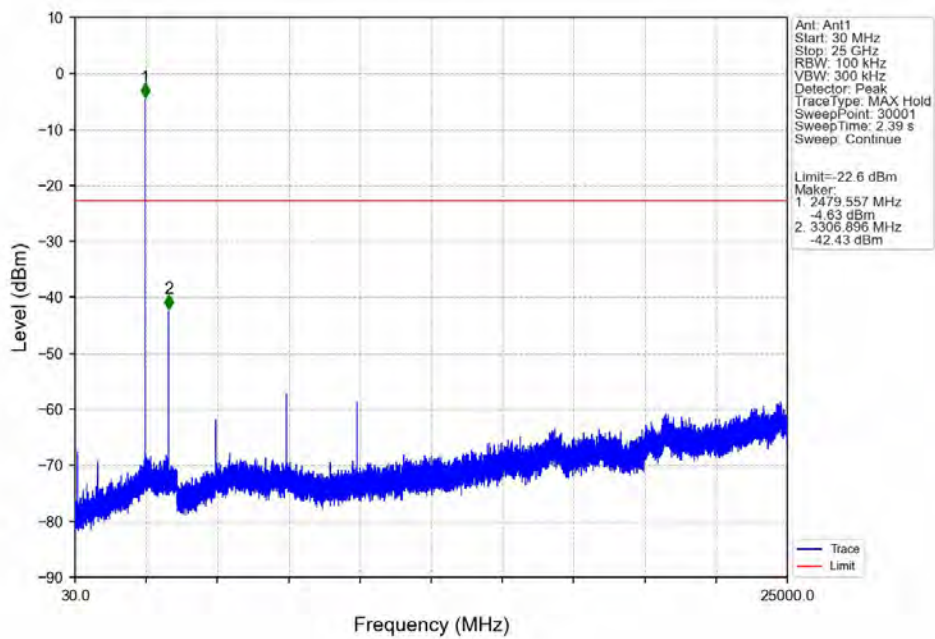
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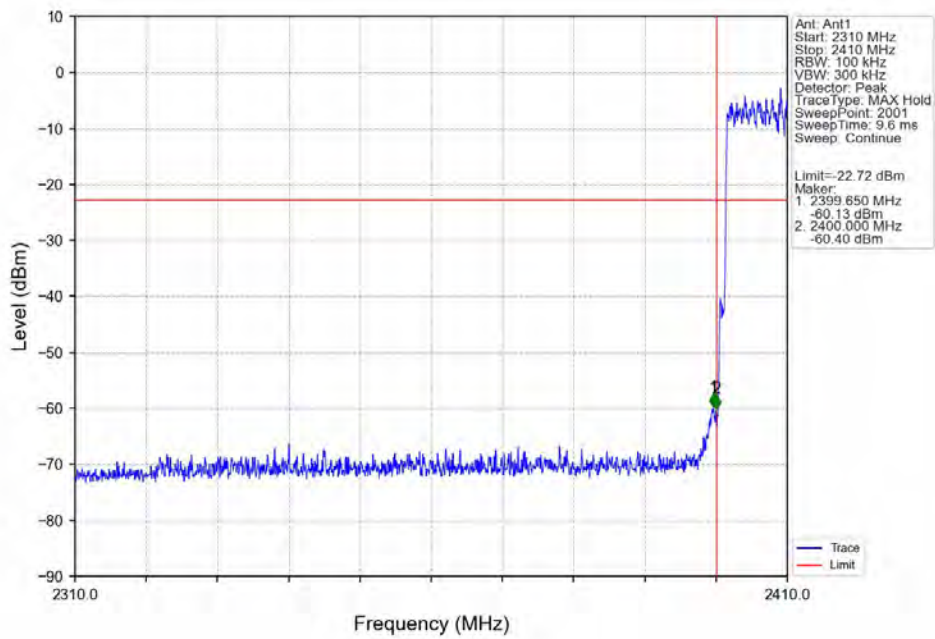
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



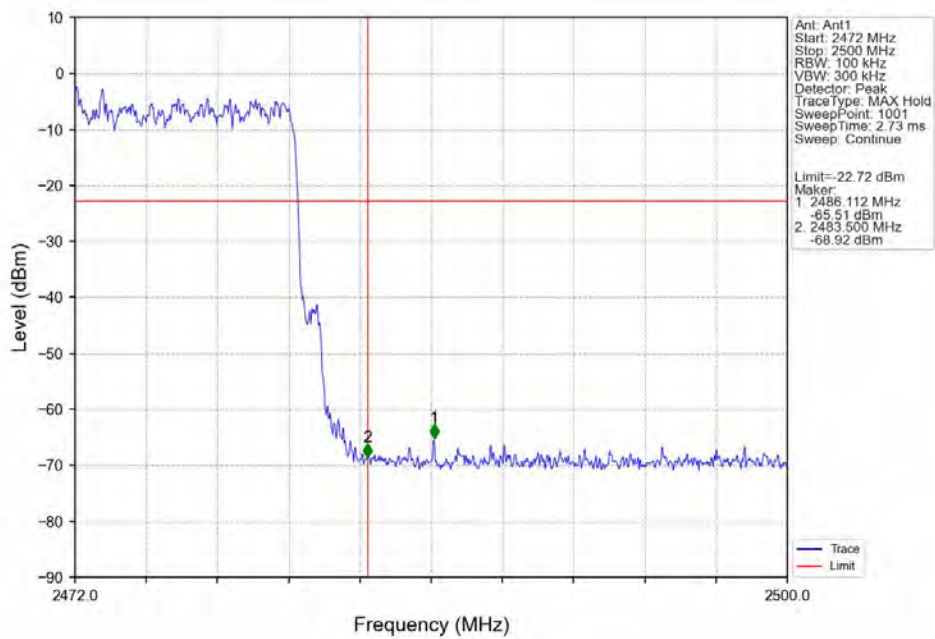
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



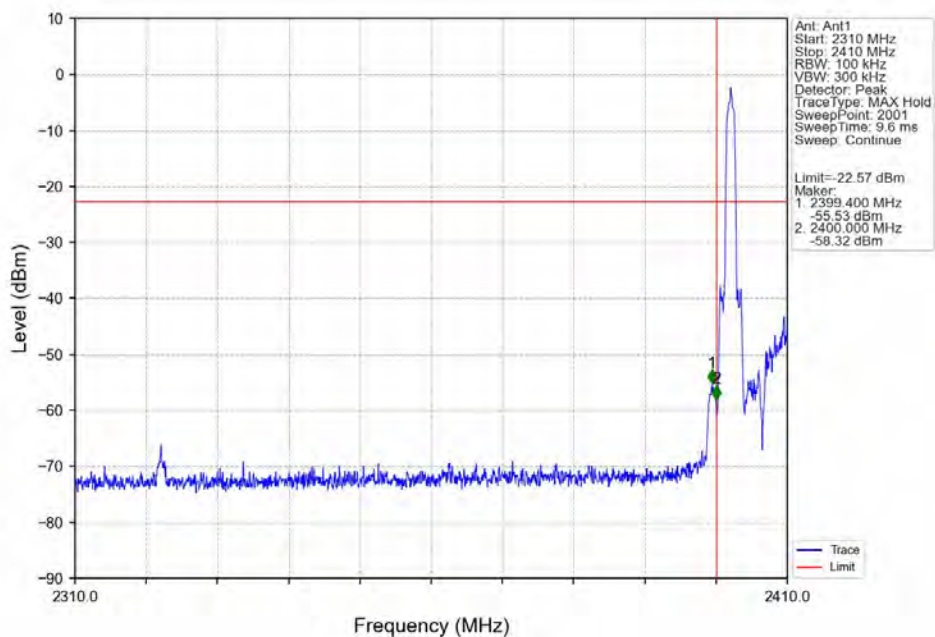
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



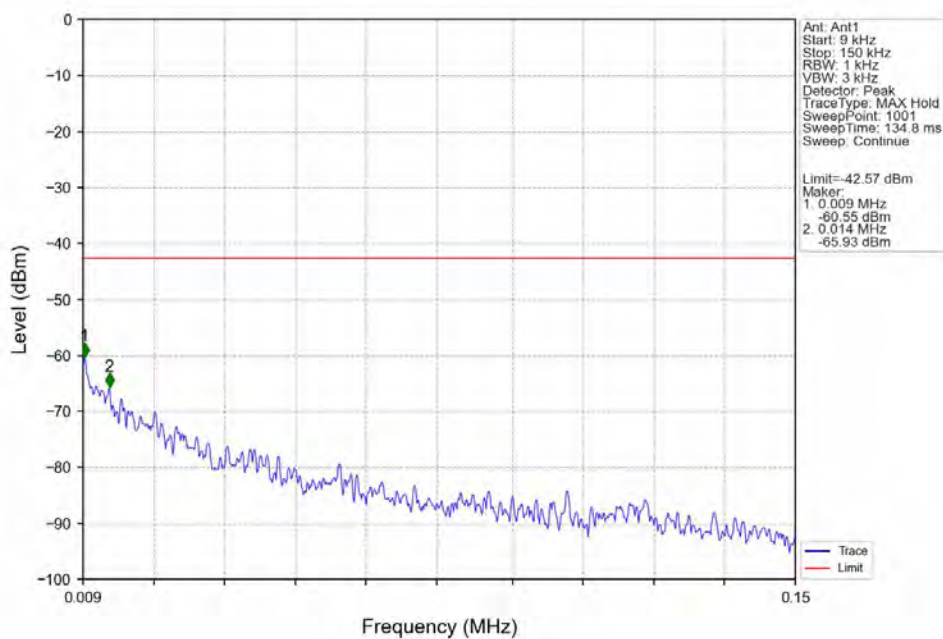
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



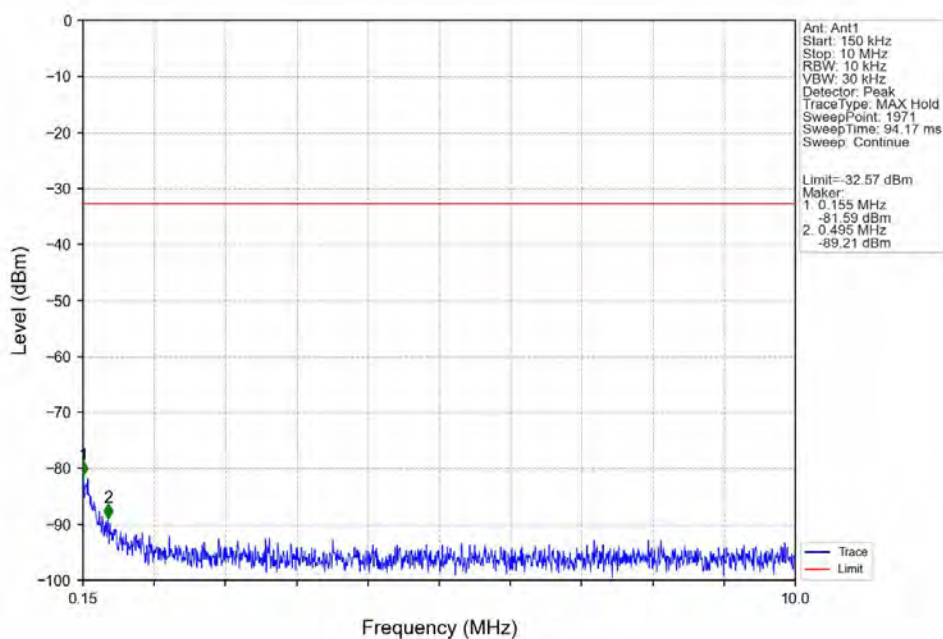
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



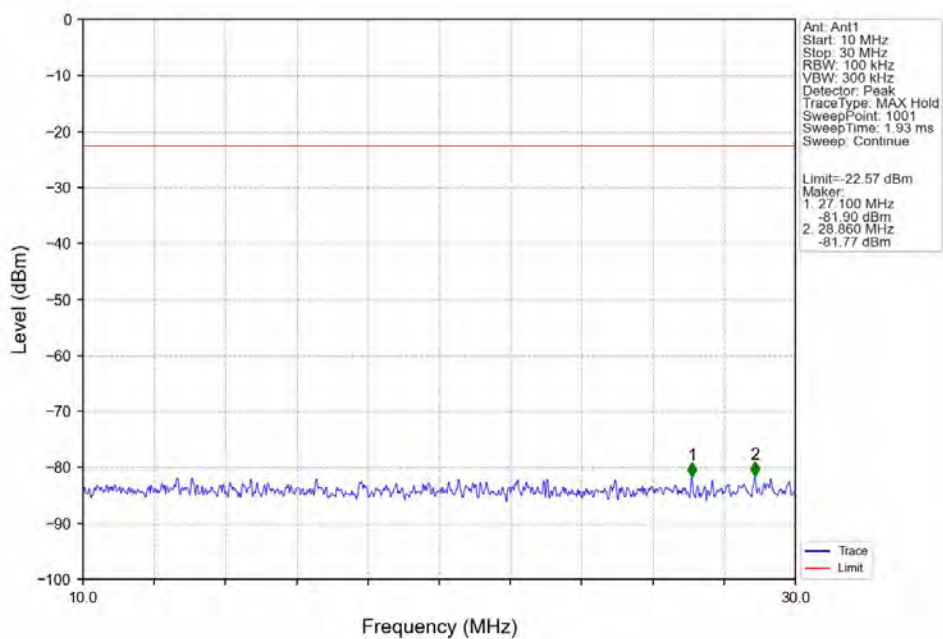
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



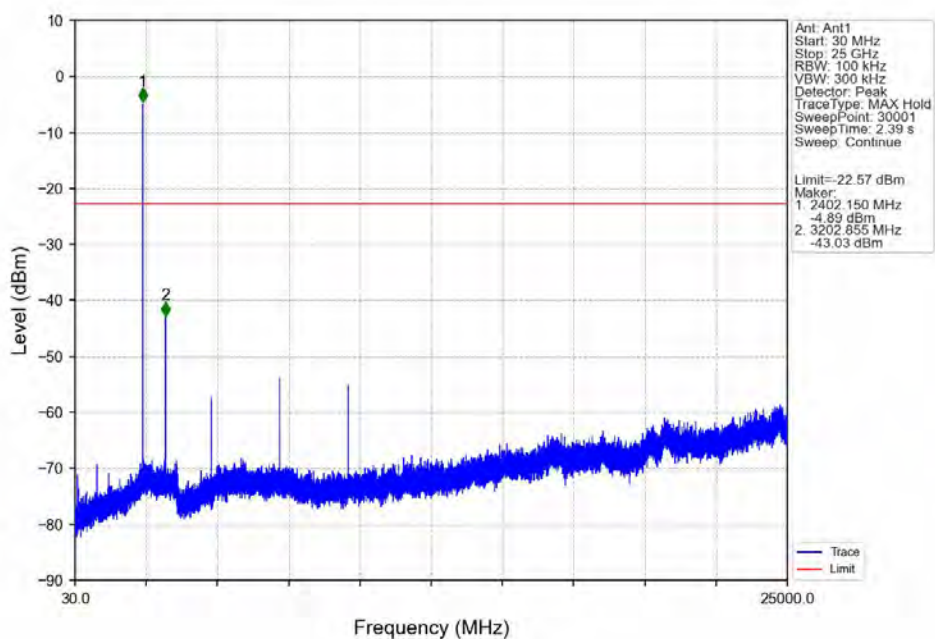
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



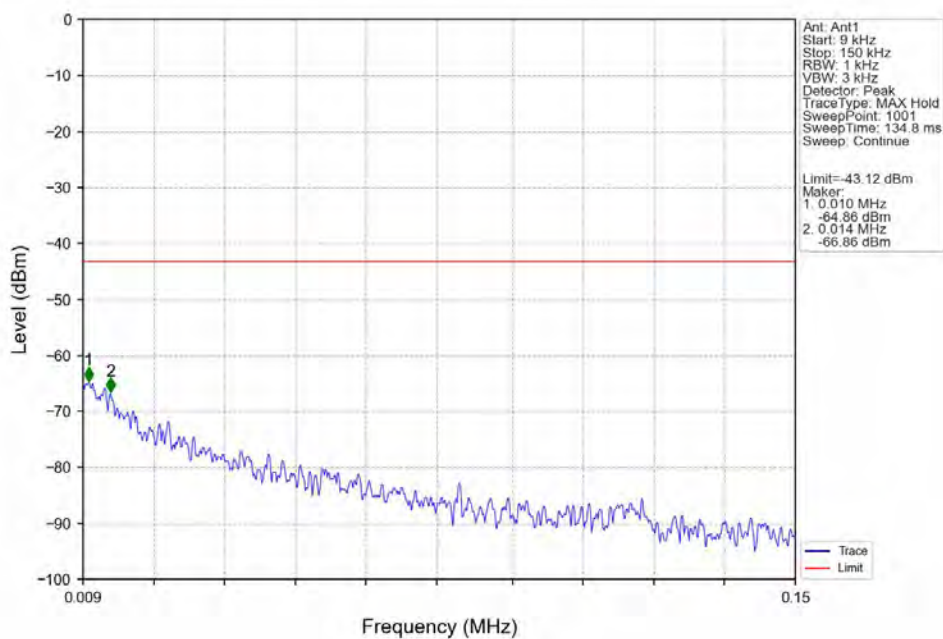
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



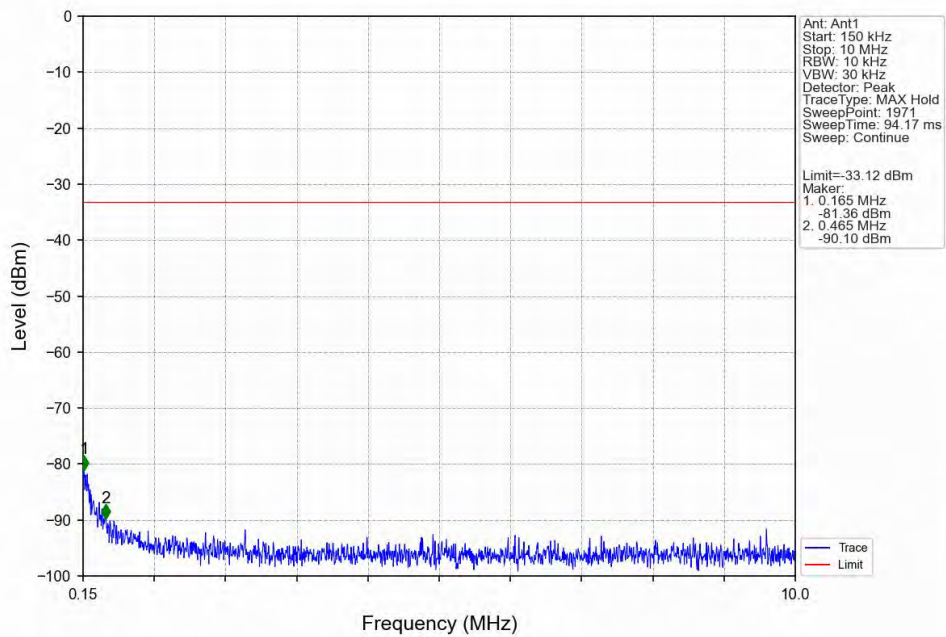
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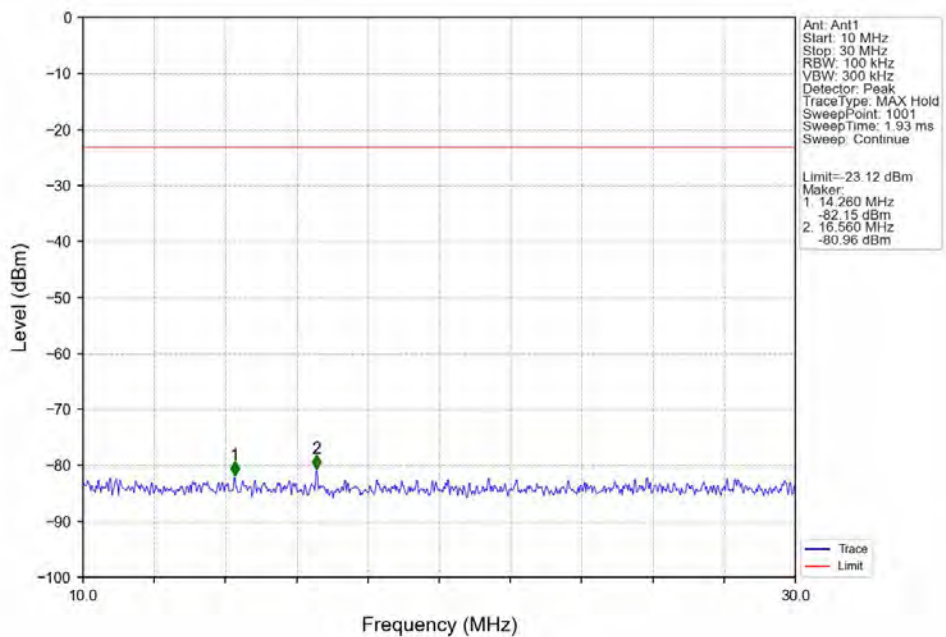
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



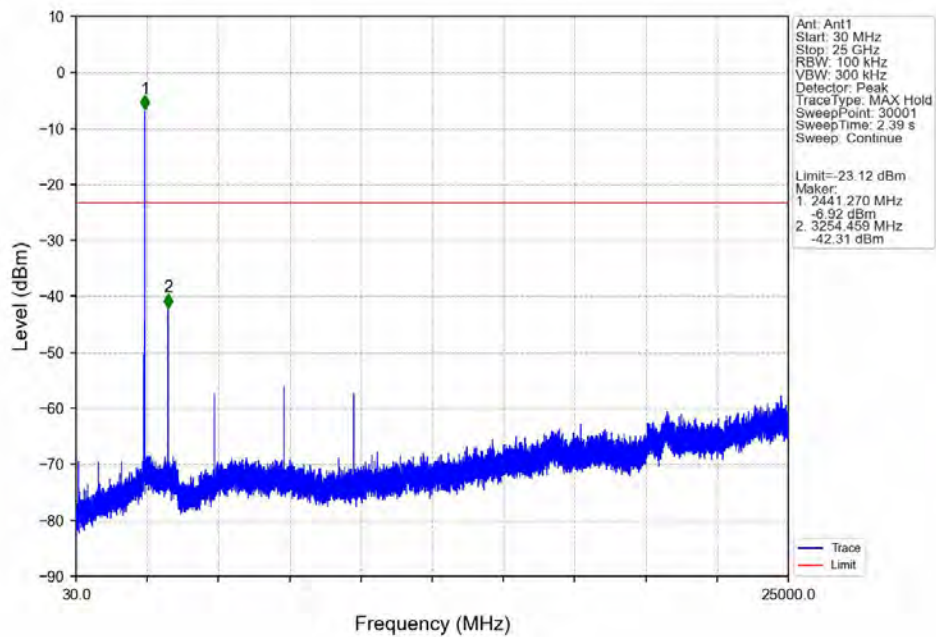
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



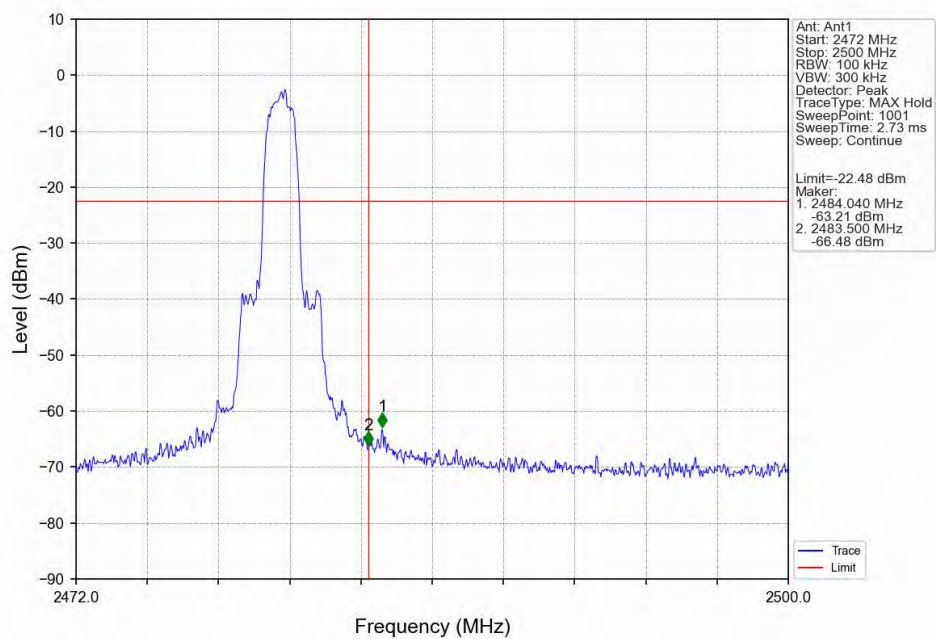
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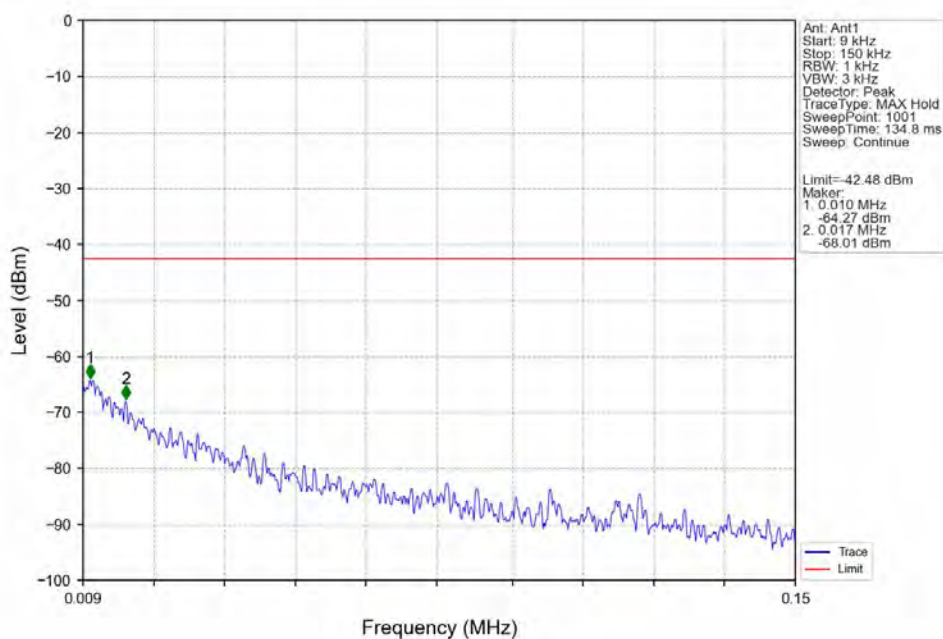
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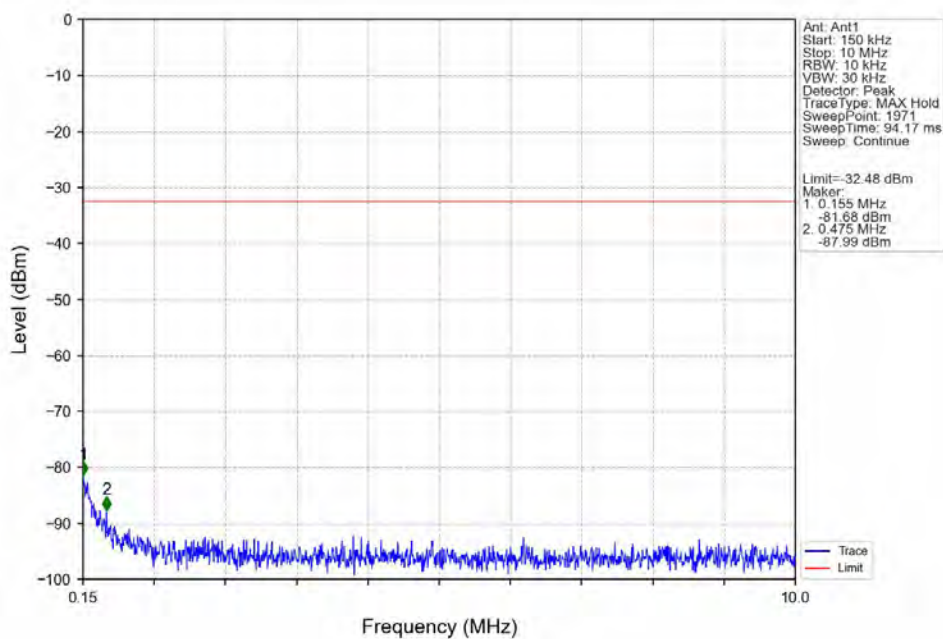
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



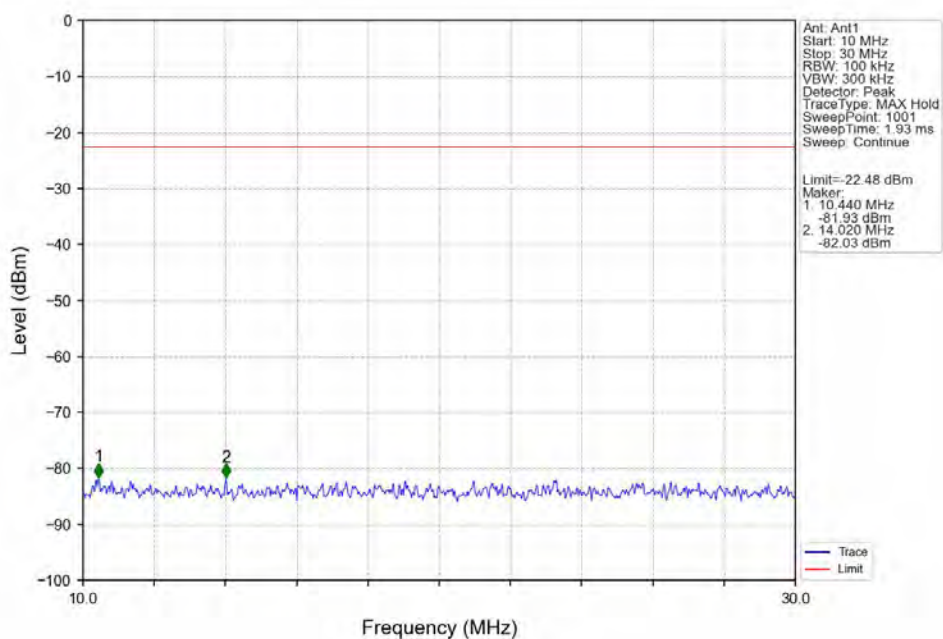
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



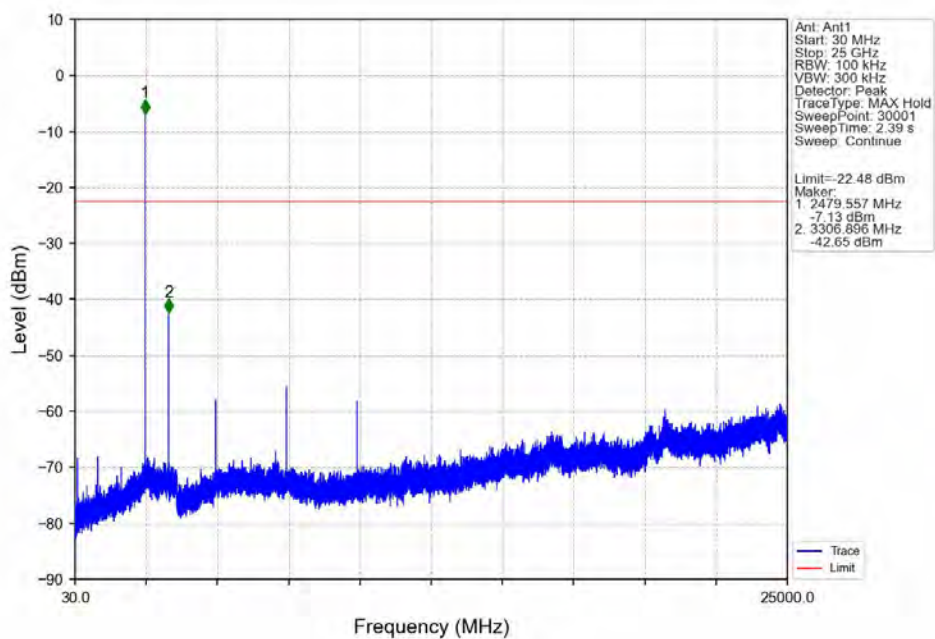
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



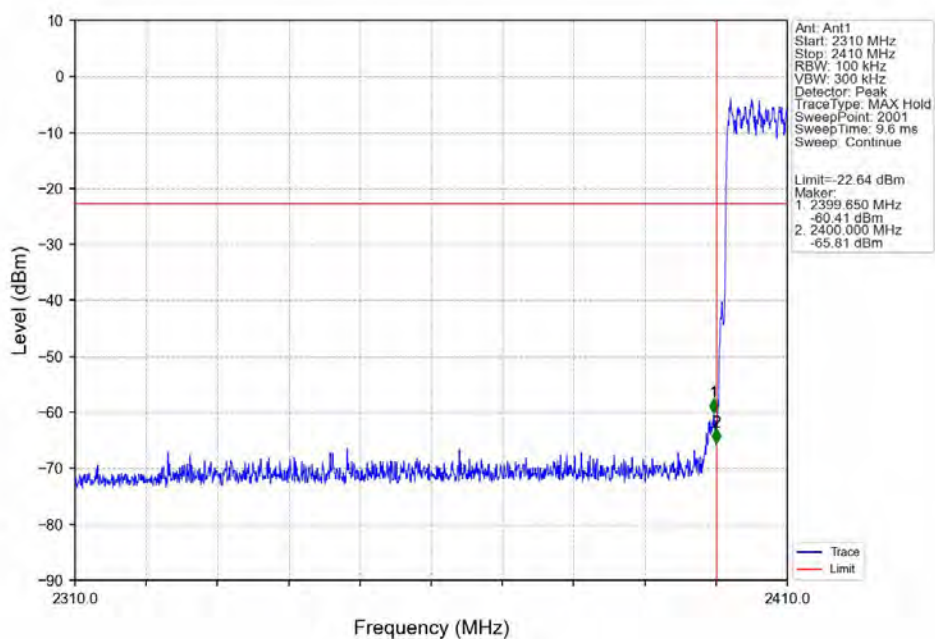
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



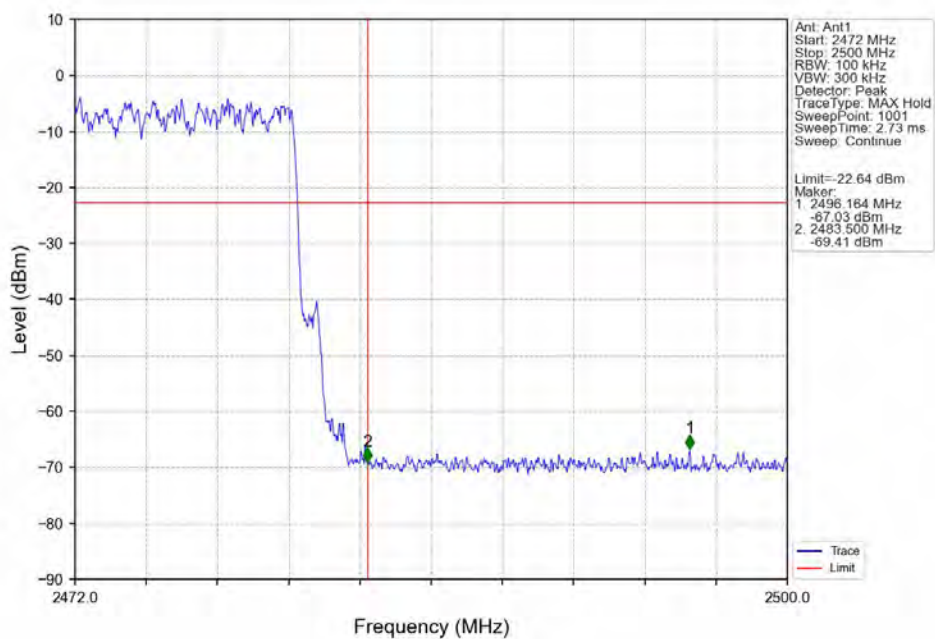
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



Right Ear Test Data:

1. Duty Cycle

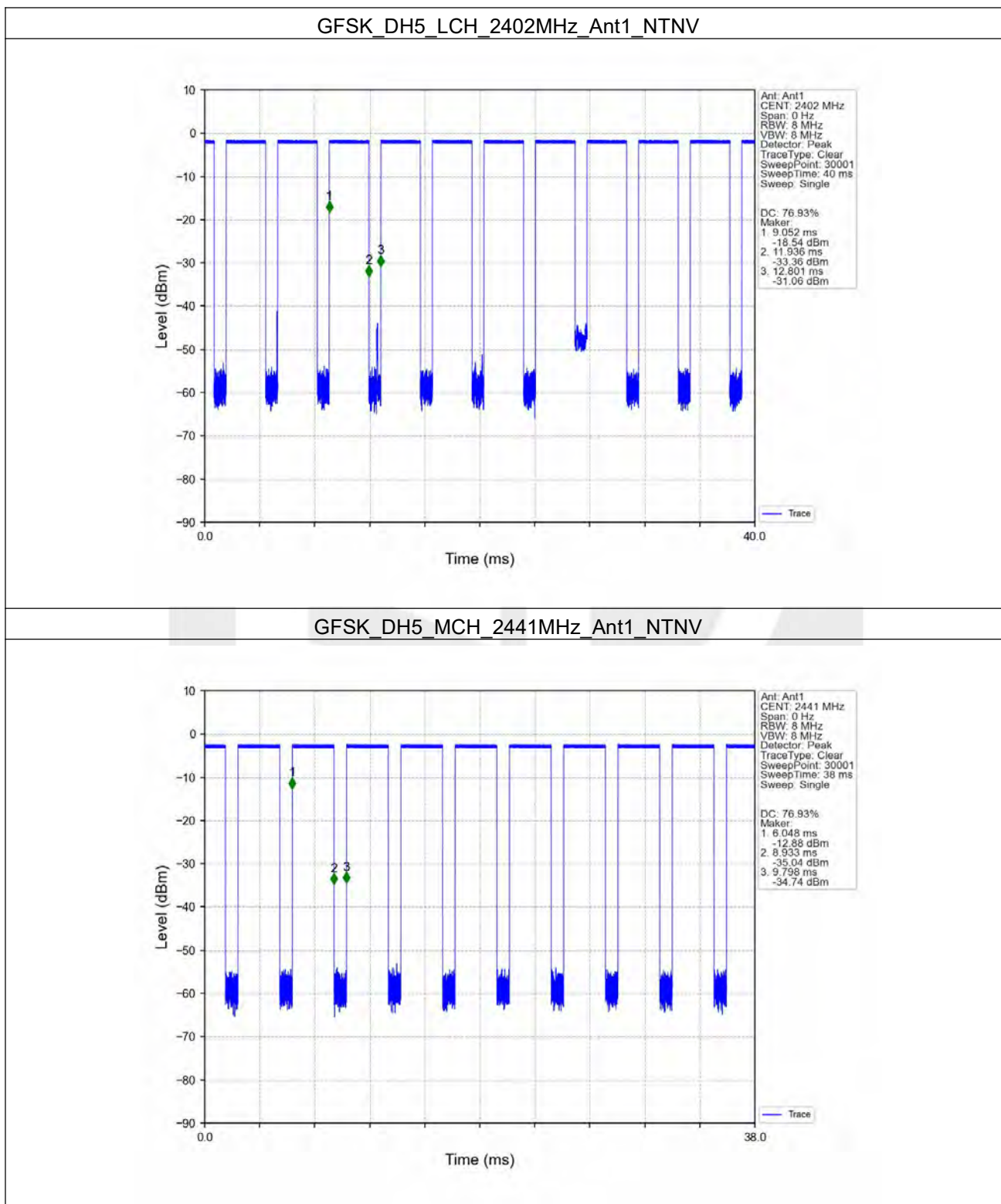
1.1 Test Result

1.1.1 Ant1

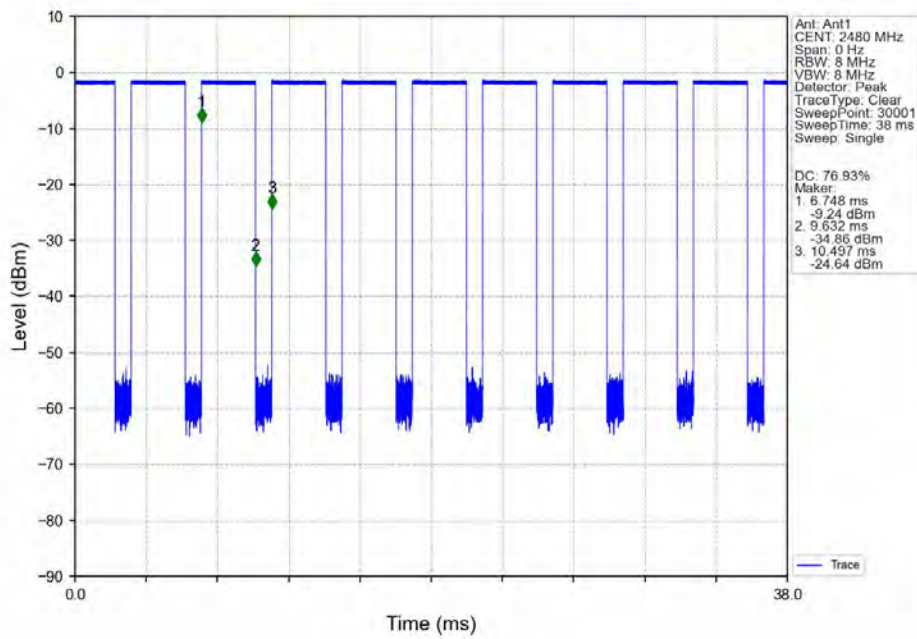
Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.884	3.749	76.93	1.14	0.04
		2441	DH5	2.885	3.750	76.93	1.14	0.01
		2480	DH5	2.884	3.749	76.93	1.14	0.01
$\pi/4$ DQPSK	SISO	2402	2DH5	2.894	3.750	77.17	1.13	0.03
		2441	2DH5	2.895	3.751	77.18	1.12	0.03
		2480	2DH5	2.895	3.751	77.18	1.12	0.03
8DPSK	SISO	2402	3DH5	2.896	3.750	77.23	1.12	0.03
		2441	3DH5	2.896	3.749	77.25	1.12	0.03
		2480	3DH5	2.896	3.750	77.23	1.12	0.01

1.2 Test Graph

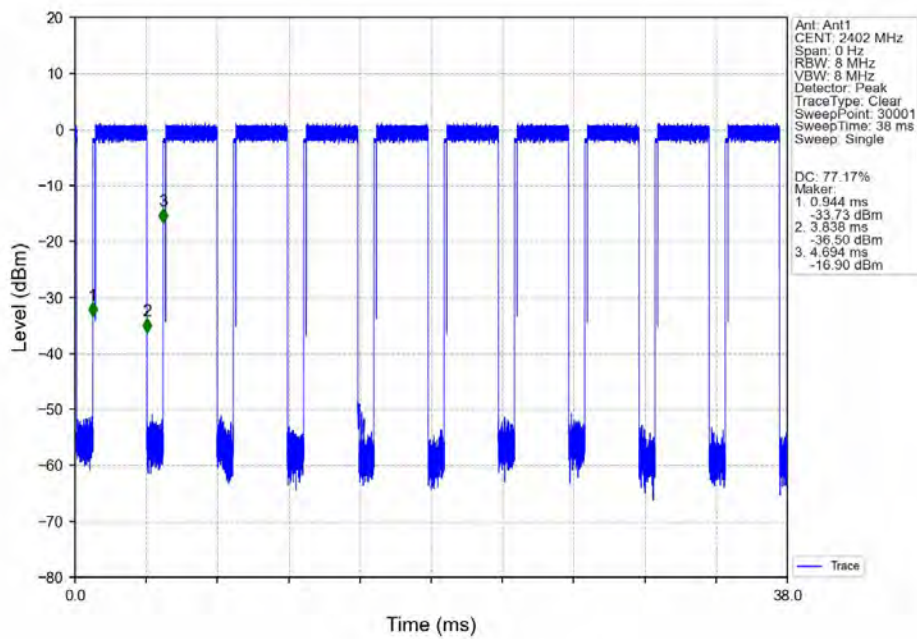
1.2.1 Ant1



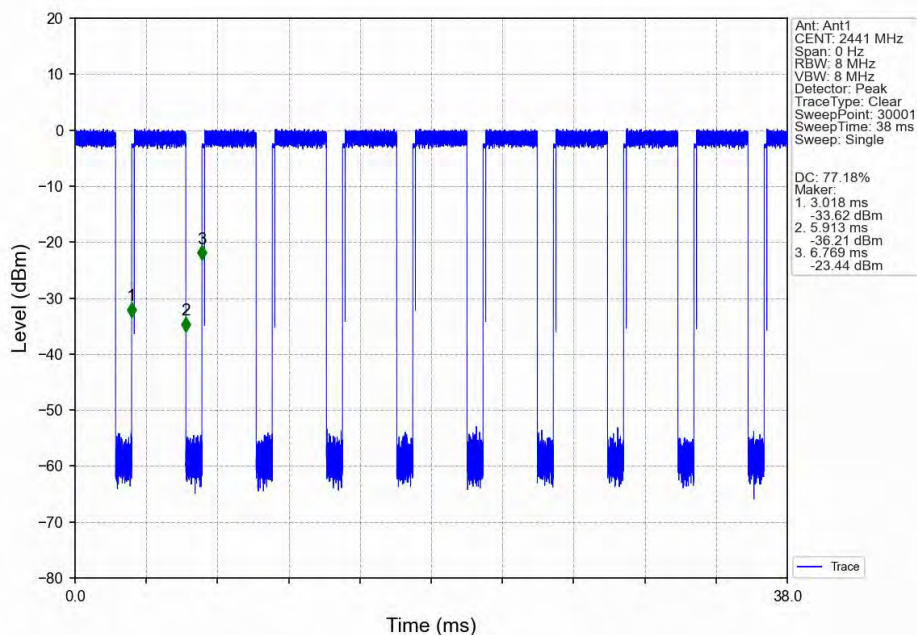
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



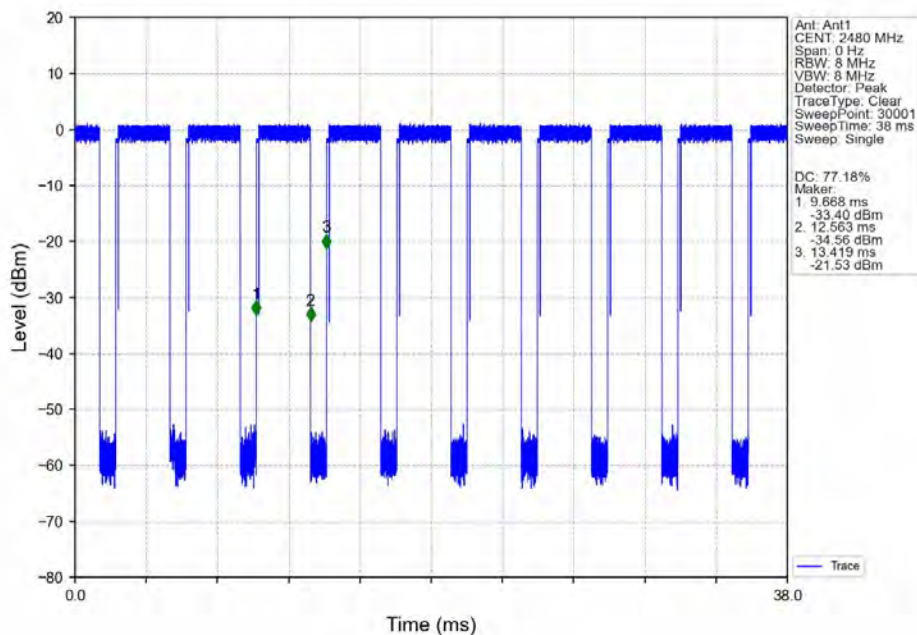
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



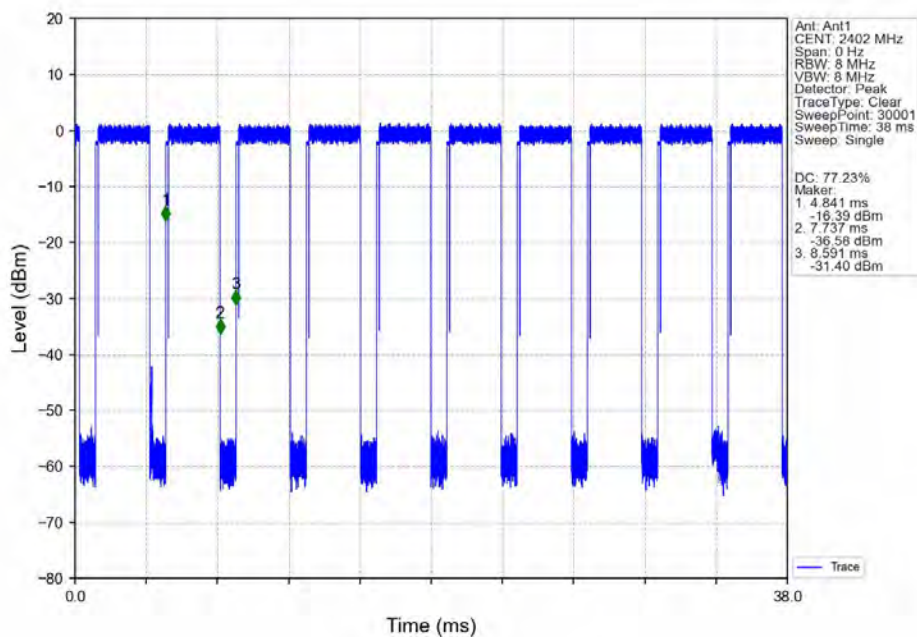
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



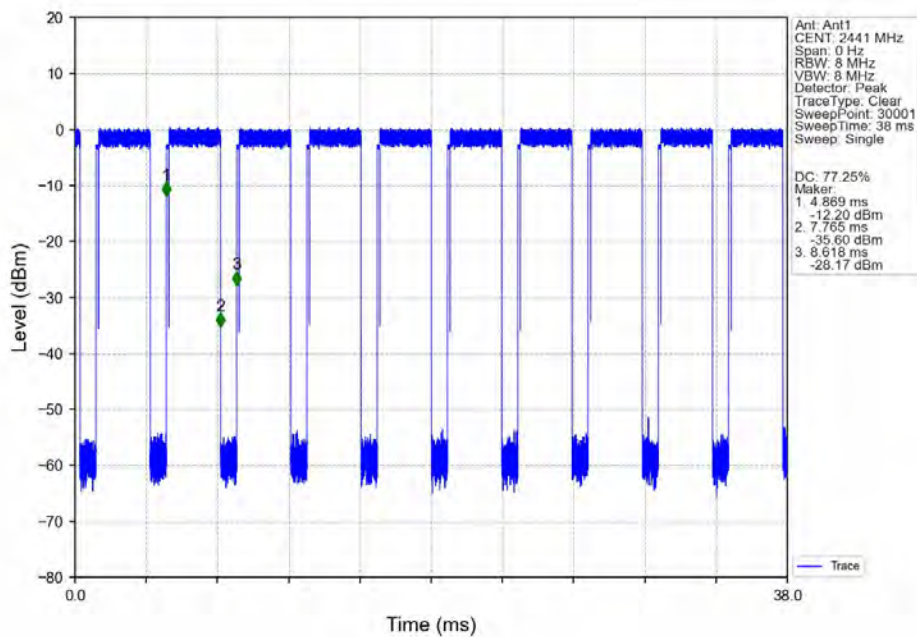
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



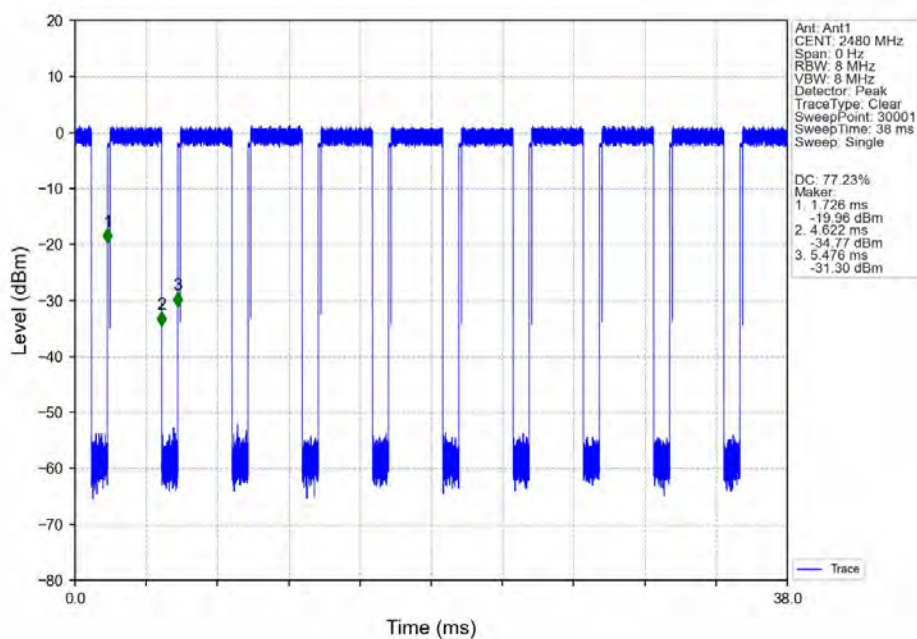
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

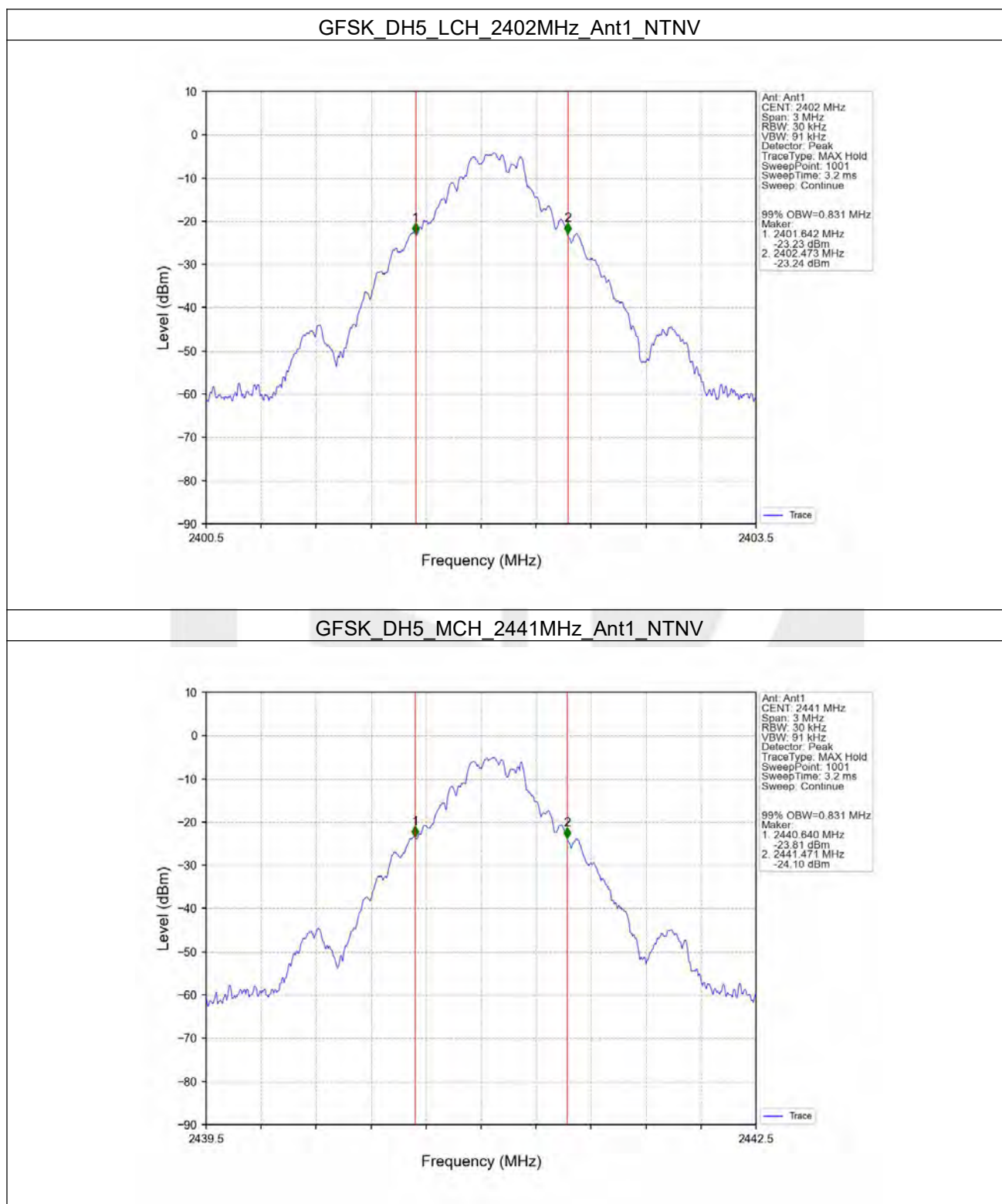
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.831	/	Pass
		2441	DH5	1	0.831	/	Pass
		2480	DH5	1	0.830	/	Pass
π /4DQPSK	SISO	2402	2DH5	1	1.180	/	Pass
		2441	2DH5	1	1.186	/	Pass
		2480	2DH5	1	1.182	/	Pass
8DPSK	SISO	2402	3DH5	1	1.182	/	Pass
		2441	3DH5	1	1.180	/	Pass
		2480	3DH5	1	1.184	/	Pass

2.1.2 20dB BW

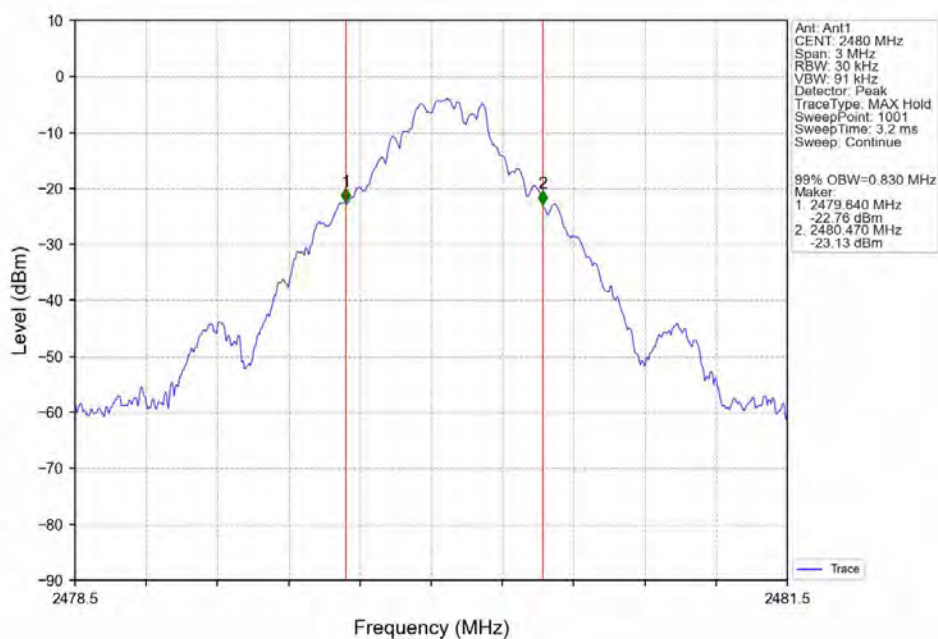
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.937	/	Pass
		2441	DH5	1	0.943	/	Pass
		2480	DH5	1	0.936	/	Pass
π /4DQPSK	SISO	2402	2DH5	1	1.293	/	Pass
		2441	2DH5	1	1.294	/	Pass
		2480	2DH5	1	1.294	/	Pass
8DPSK	SISO	2402	3DH5	1	1.305	/	Pass
		2441	3DH5	1	1.309	/	Pass
		2480	3DH5	1	1.307	/	Pass

2.2 Test Graph

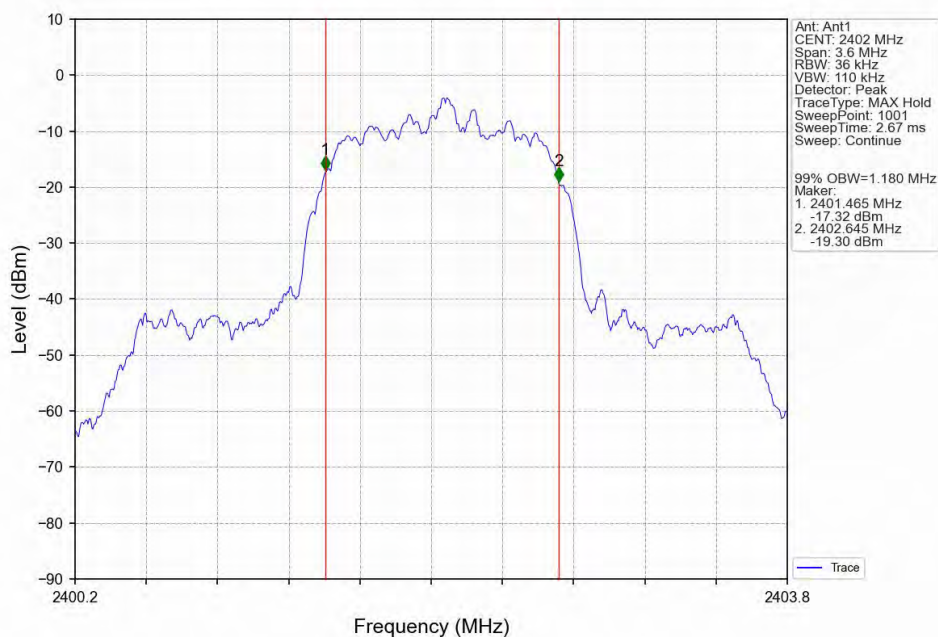
2.2.1 OBW



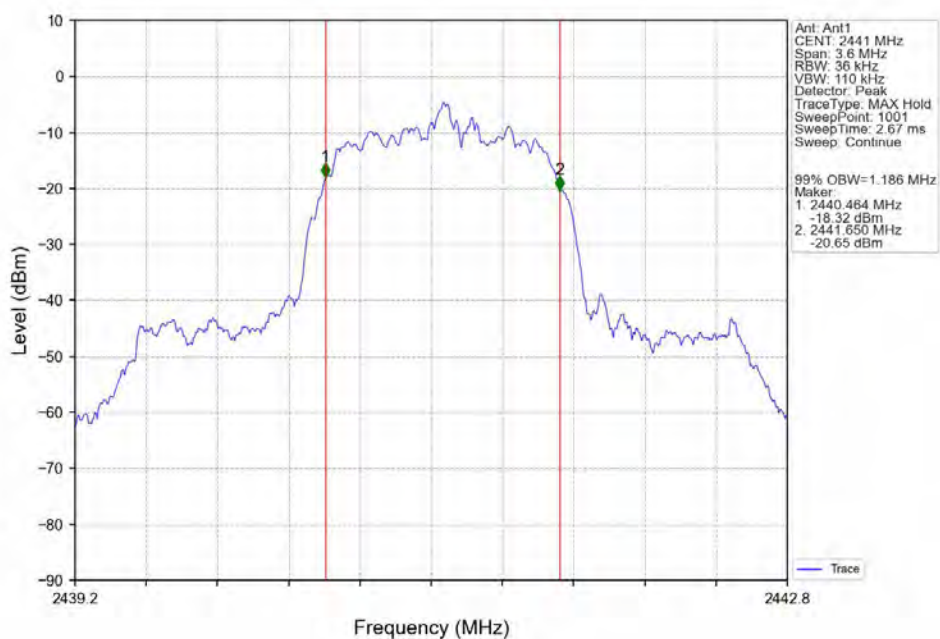
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



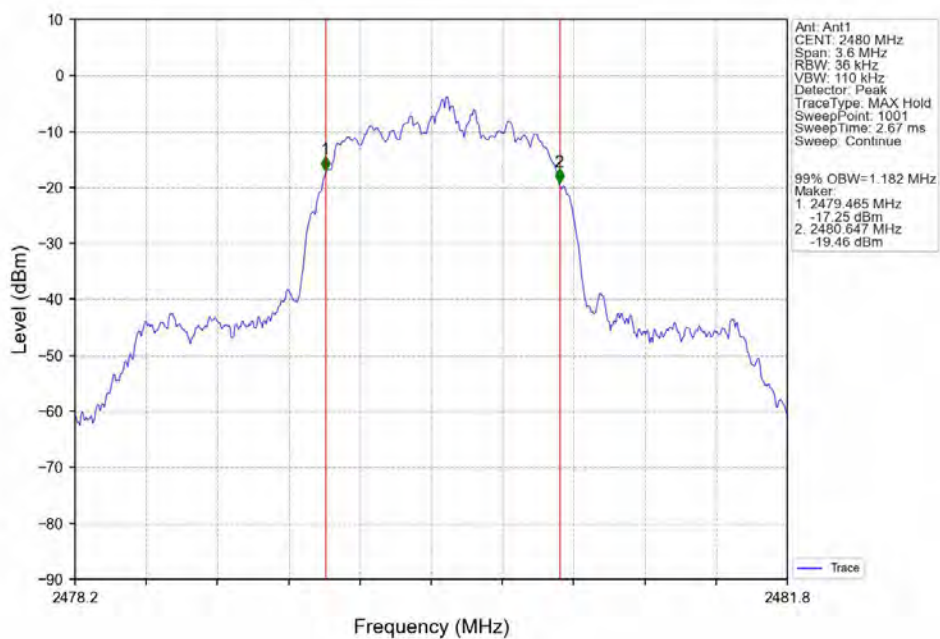
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



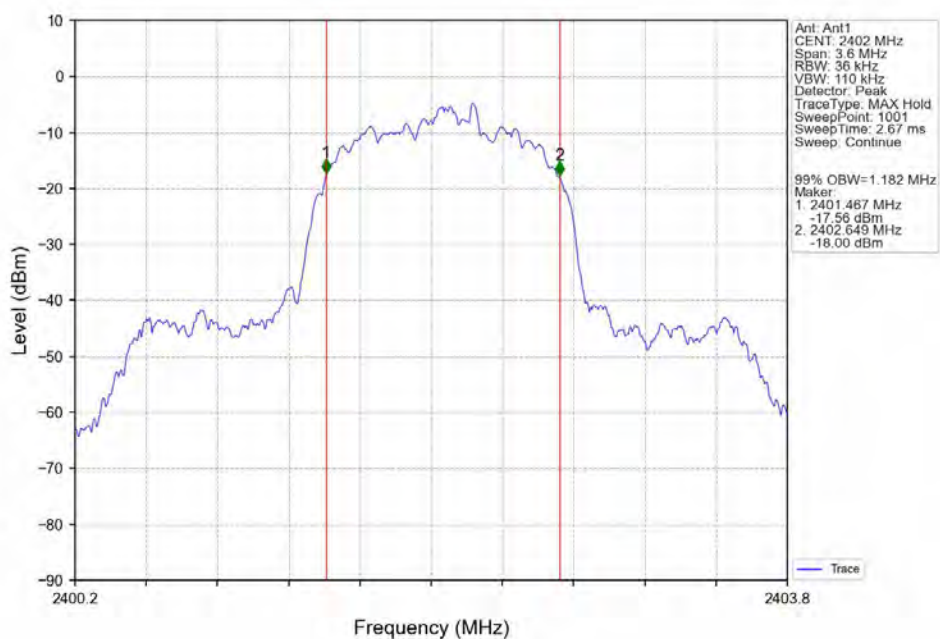
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



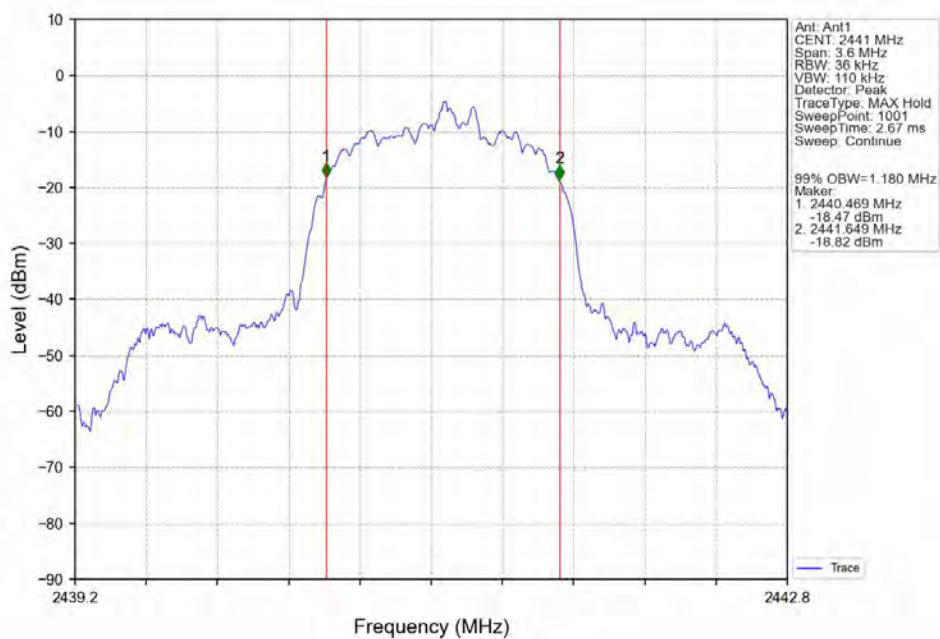
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



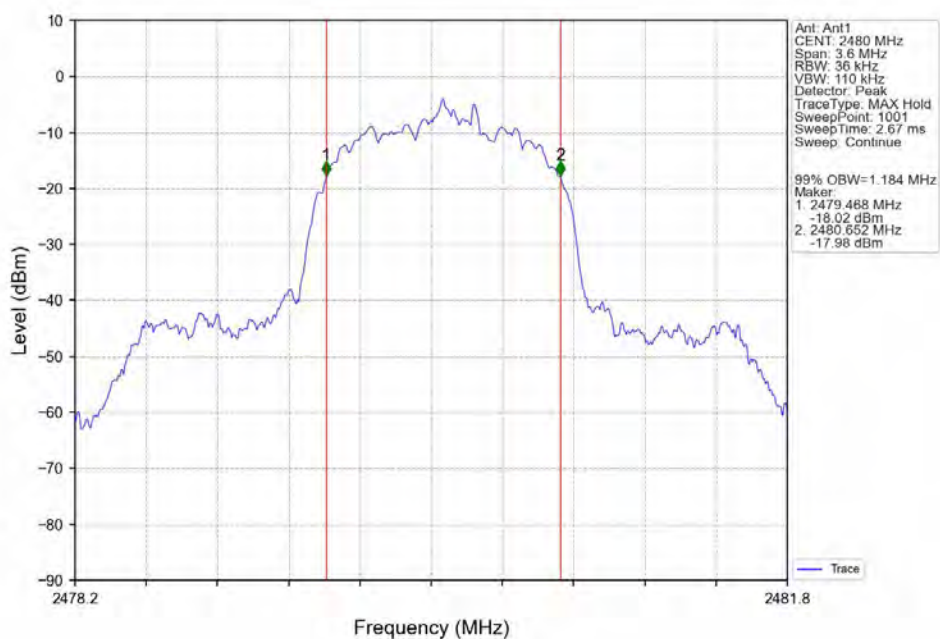
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



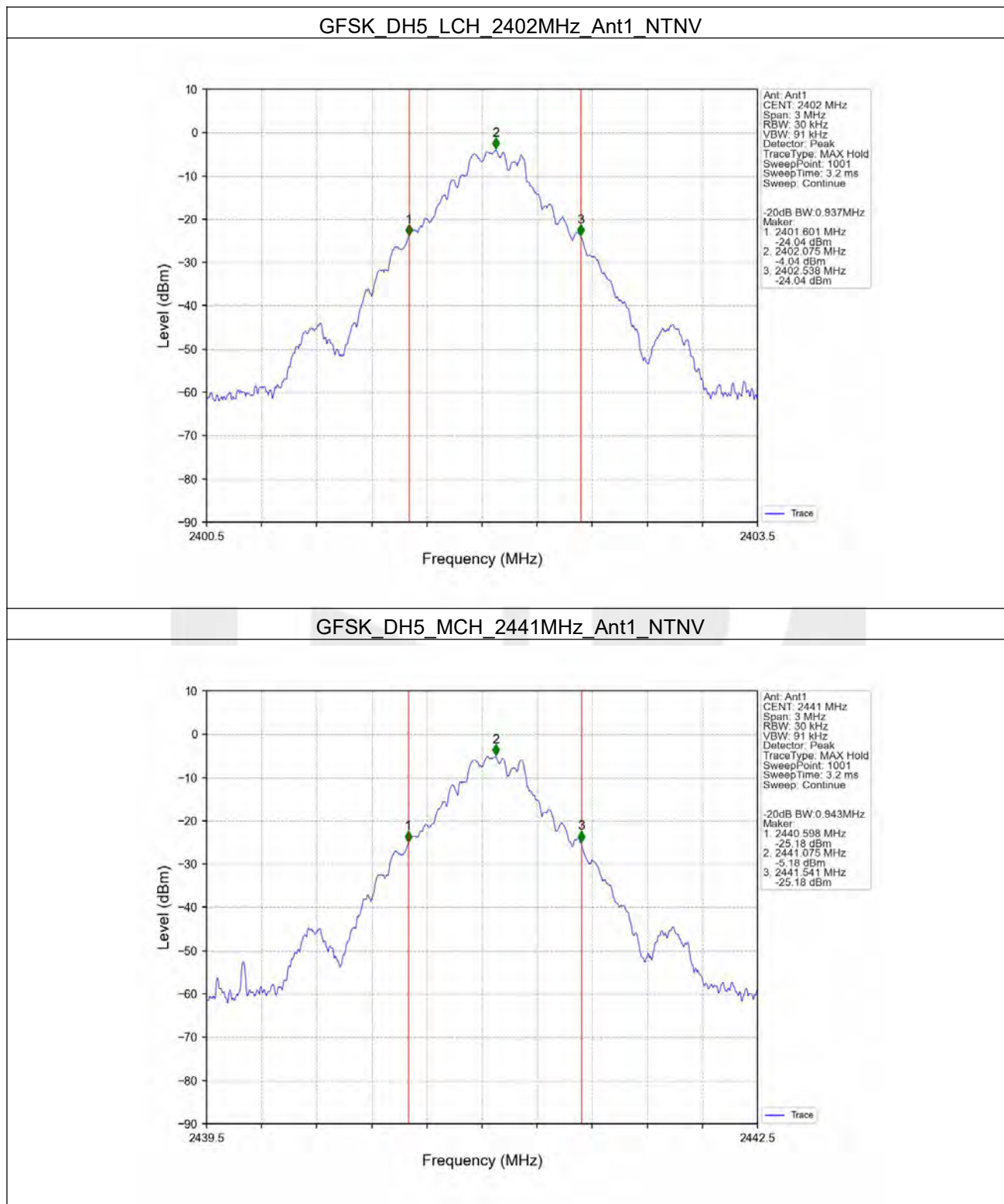
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



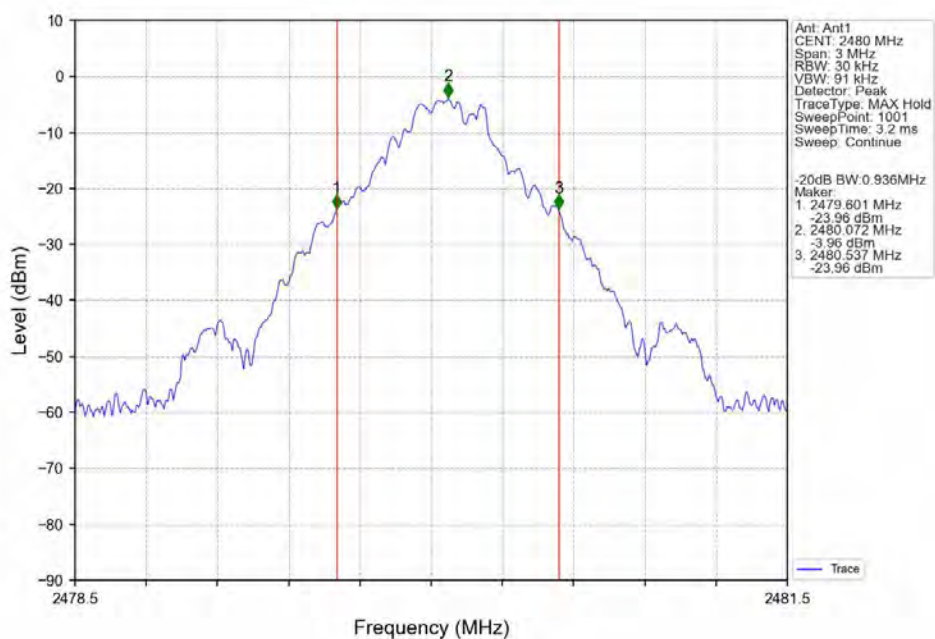
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



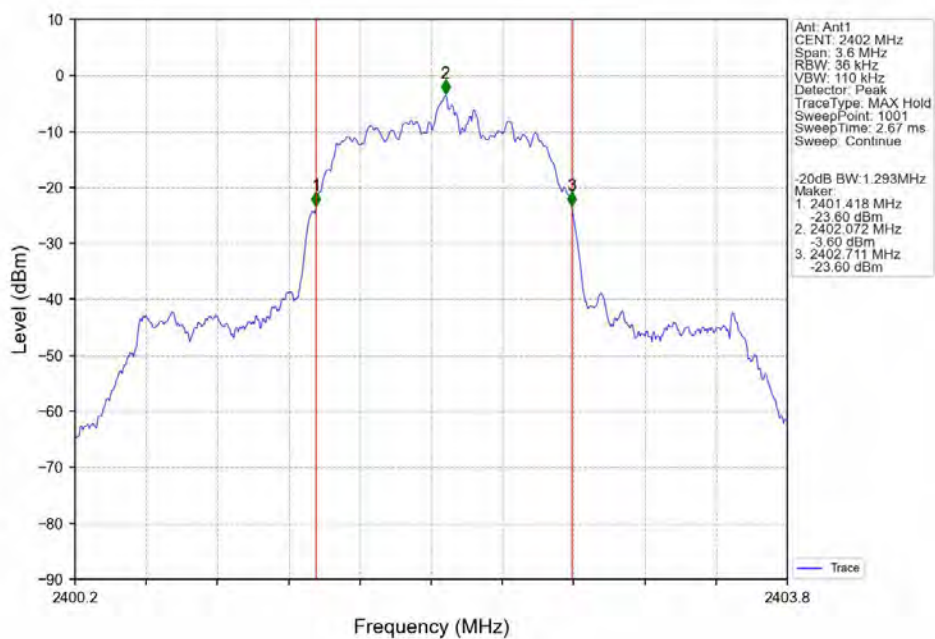
2.2.2 20dB BW



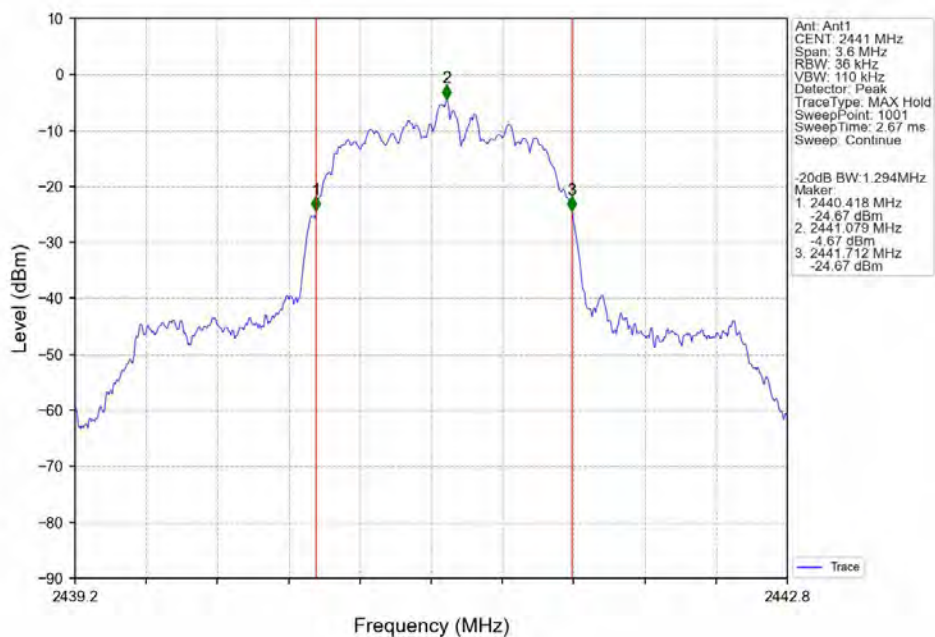
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



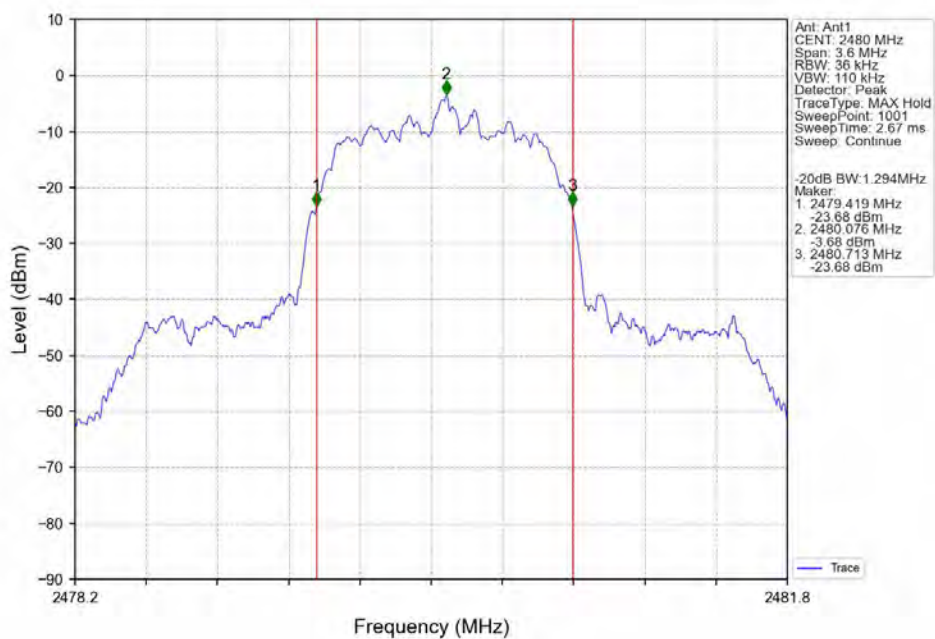
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



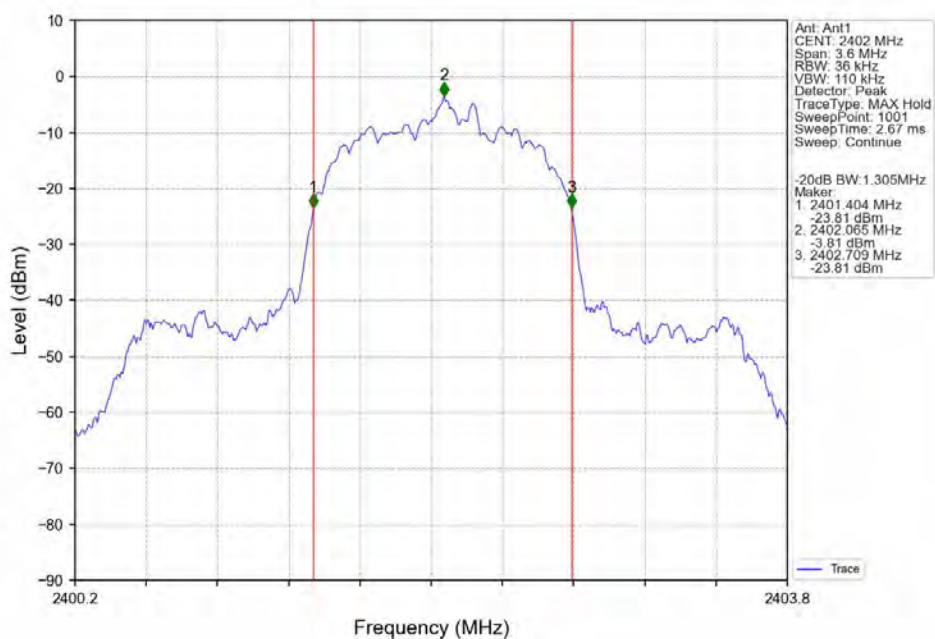
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



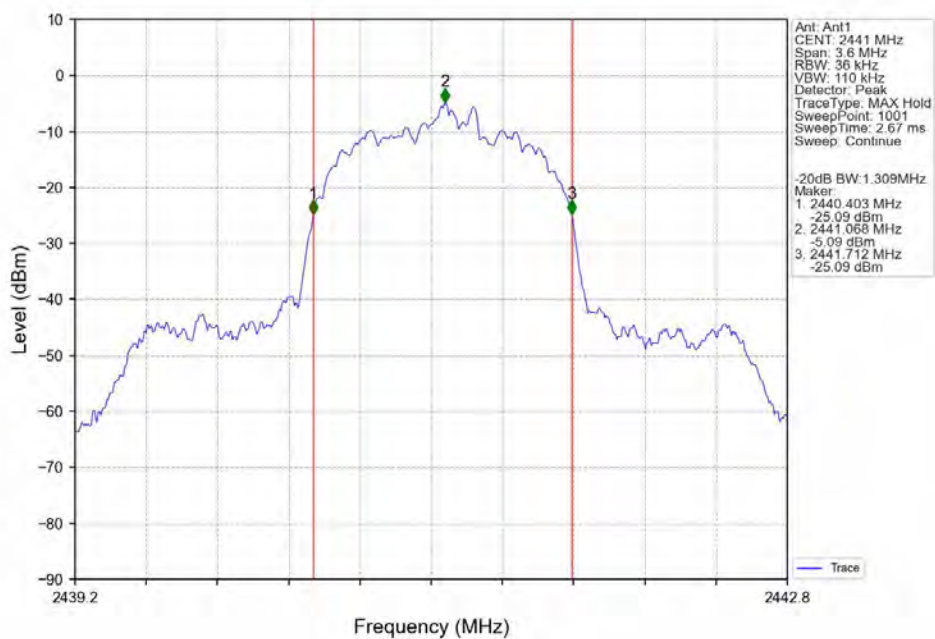
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



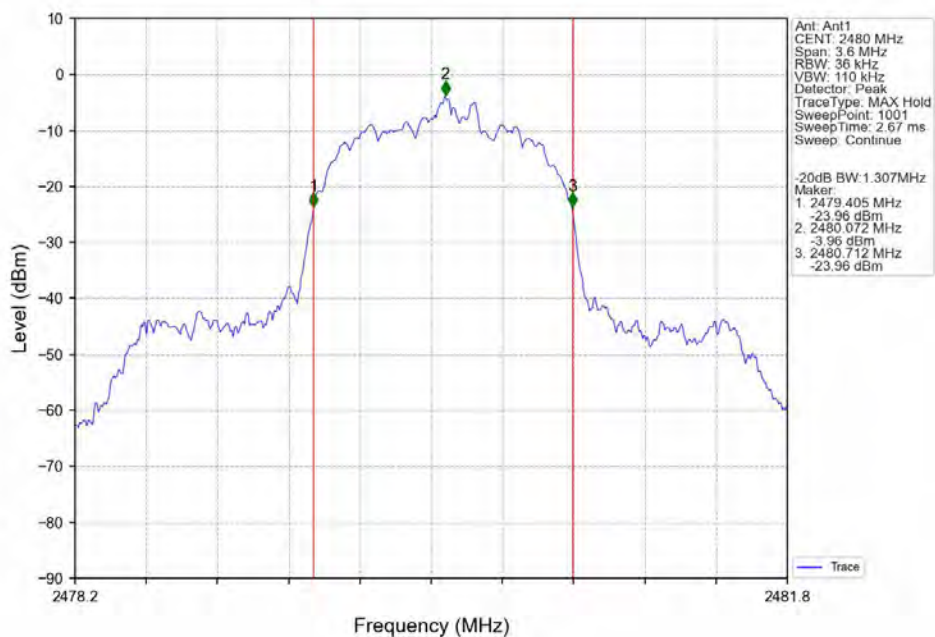
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



3. Maximum Conducted Output Power

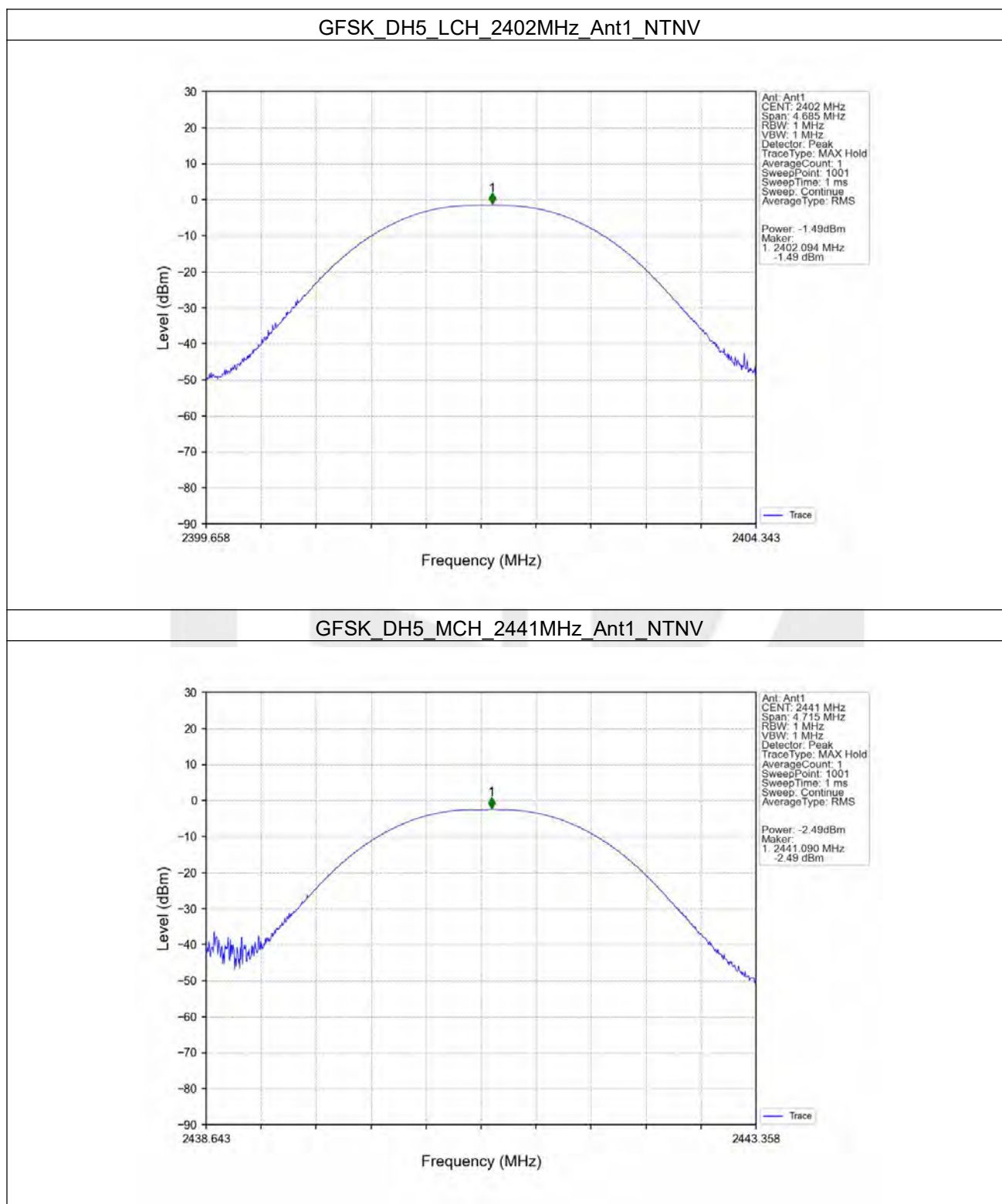
3.1 Test Result

3.1.1 Power

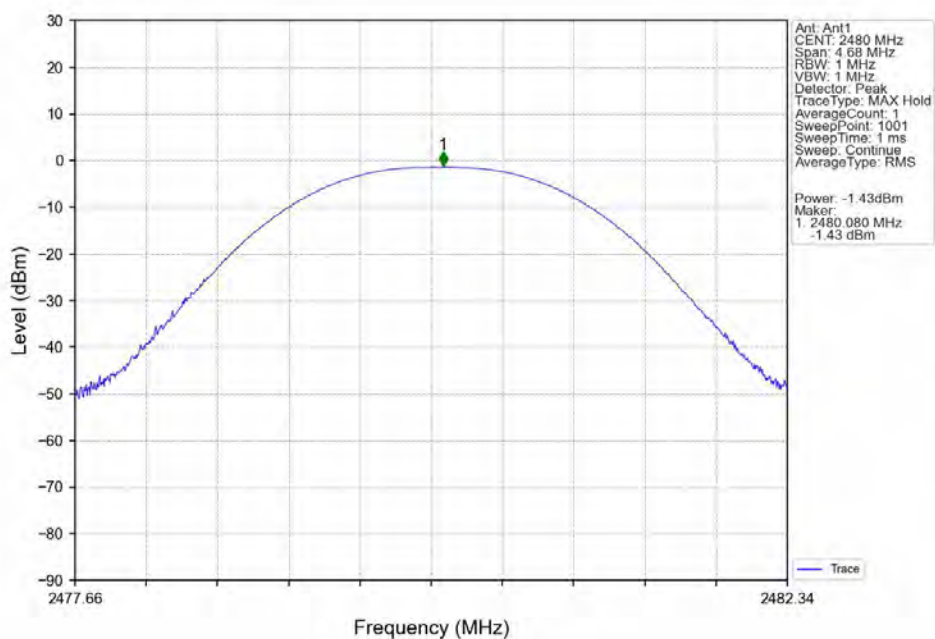
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-1.49	<=30	Pass
		2441	DH5	-2.49	<=30	Pass
		2480	DH5	-1.43	<=30	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	0.84	<=20.97	Pass
		2441	2DH5	0.02	<=20.97	Pass
		2480	2DH5	0.83	<=20.97	Pass
8DPSK	SISO	2402	3DH5	1.12	<=20.97	Pass
		2441	3DH5	0.27	<=20.97	Pass
		2480	3DH5	1.09	<=20.97	Pass

3.2 Test Graph

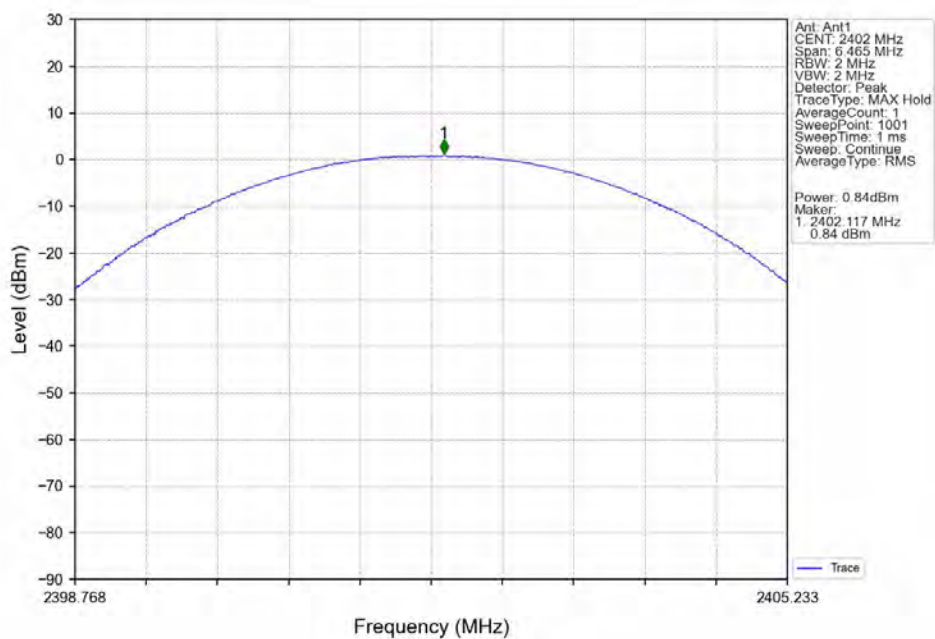
3.2.1 Power



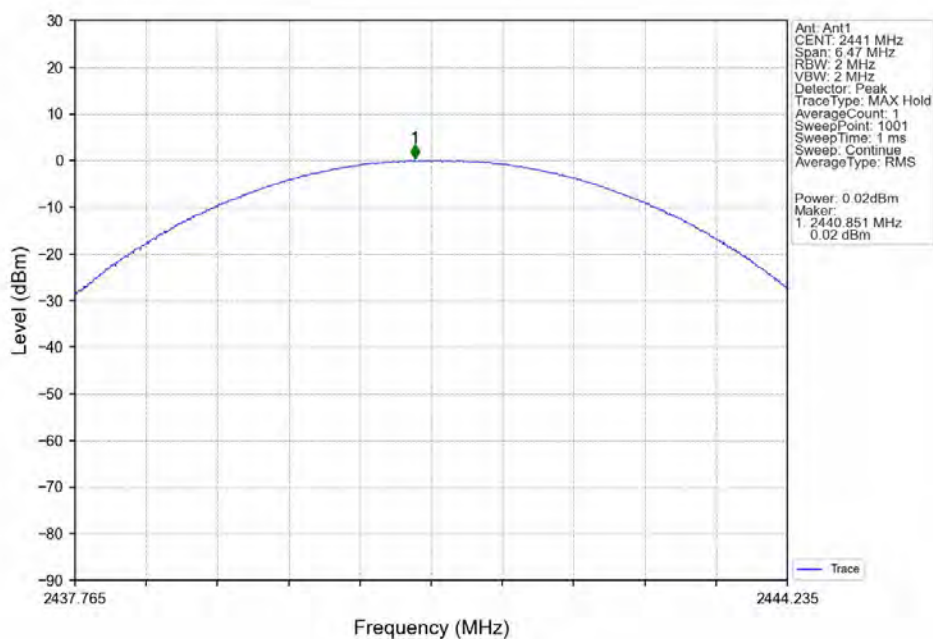
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



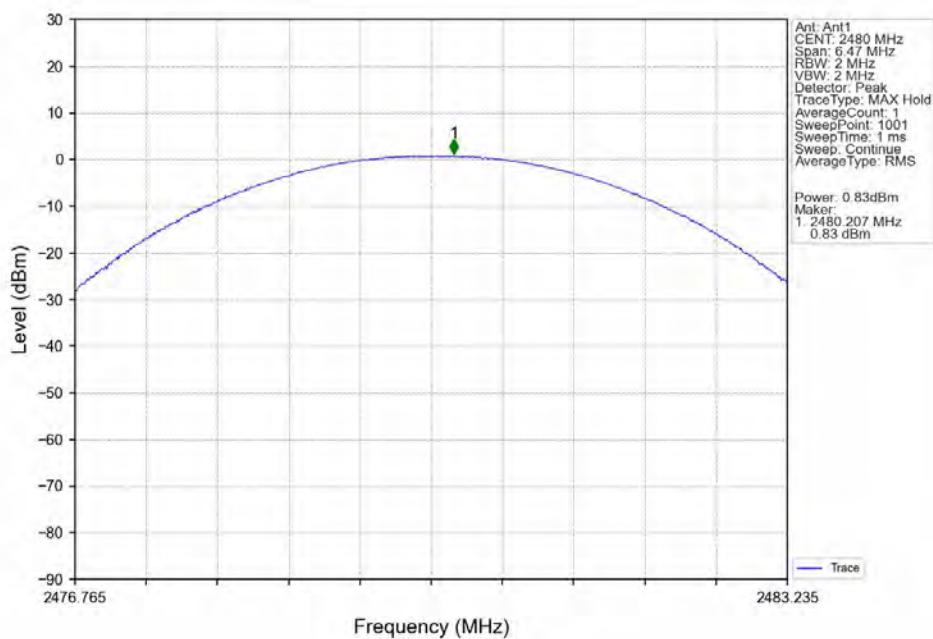
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



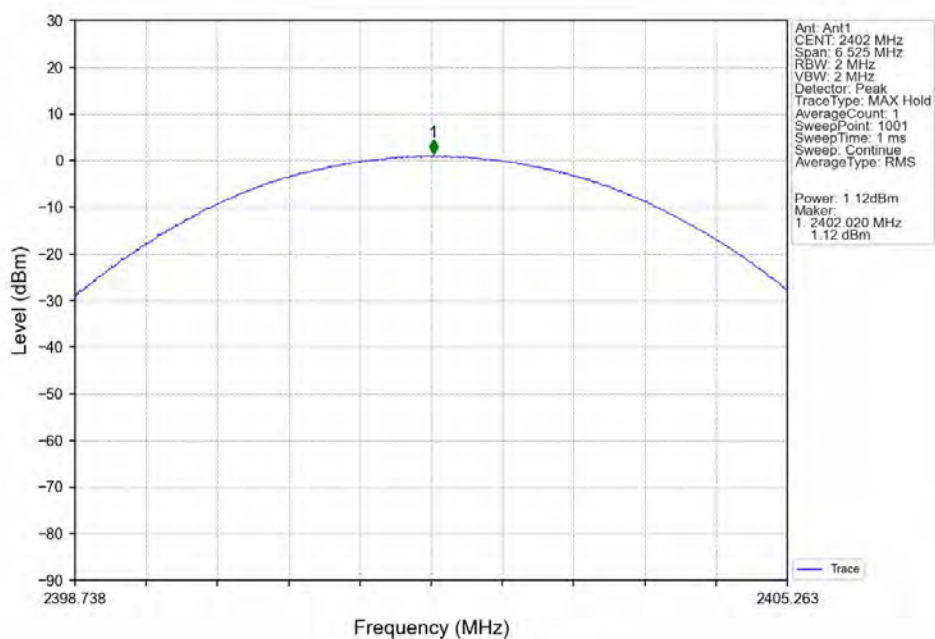
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



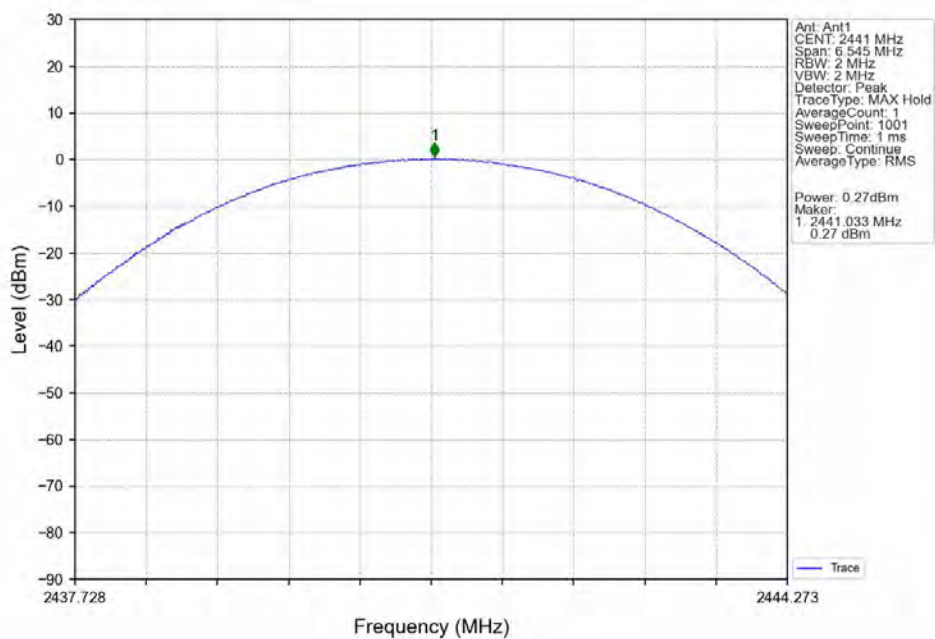
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



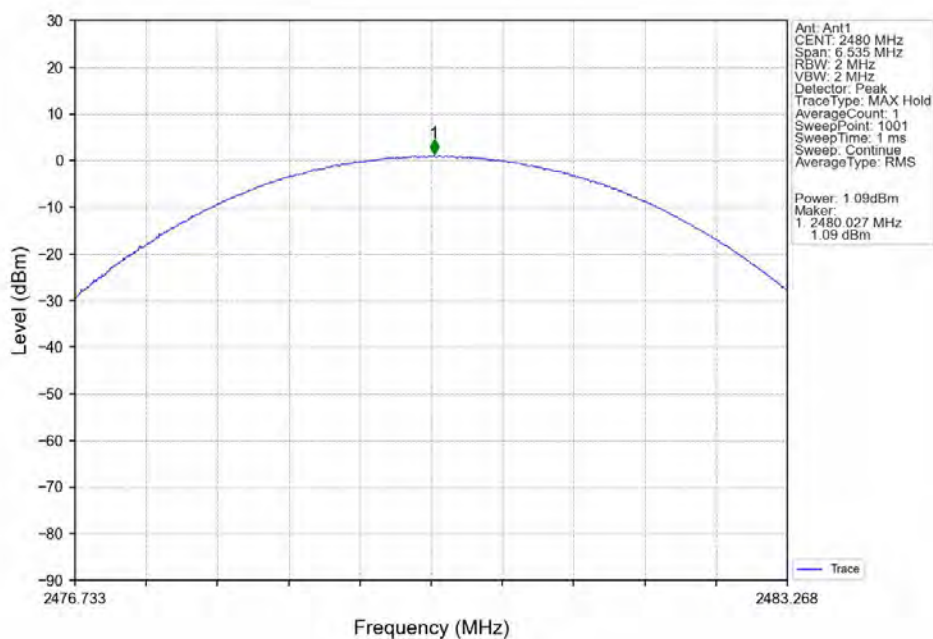
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



4. Carrier Frequency Separation

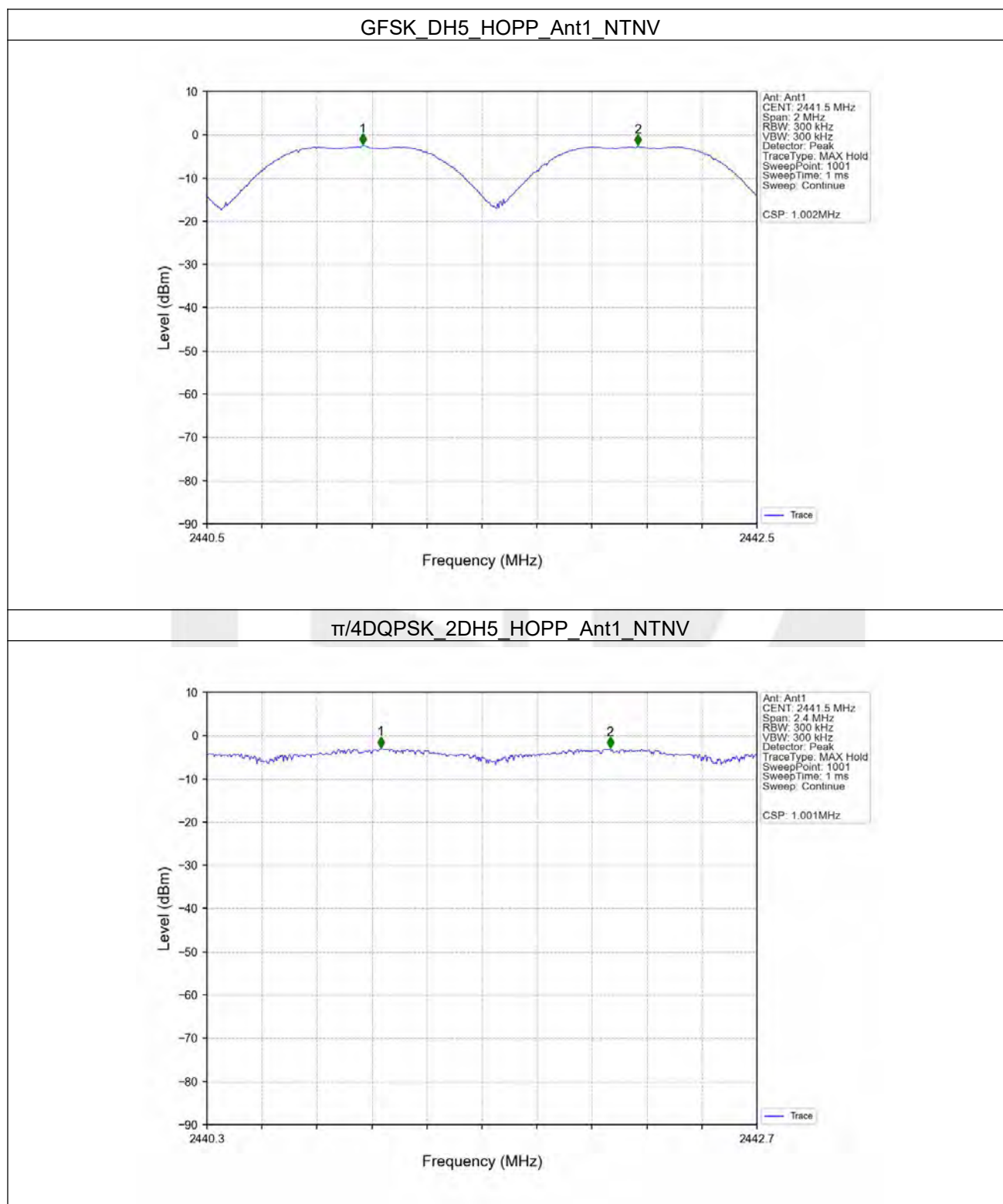
4.1 Test Result

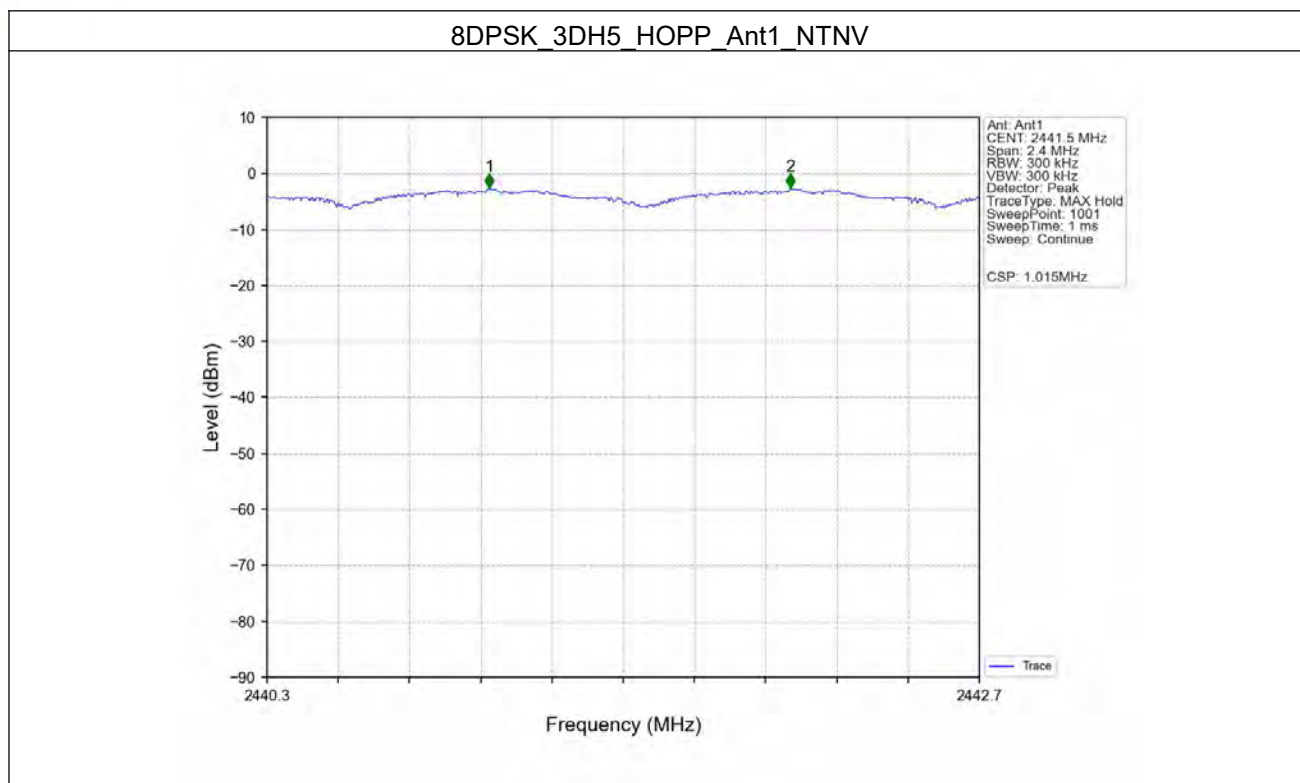
4.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.002	0.943	≥ 0.943	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH5	1.001	1.294	≥ 0.863	Pass
8DPSK	SISO	HOPP	3DH5	1.015	1.309	≥ 0.873	Pass

4.2 Test Graph

4.2.1 Ant1





5. Number of Hopping Frequencies

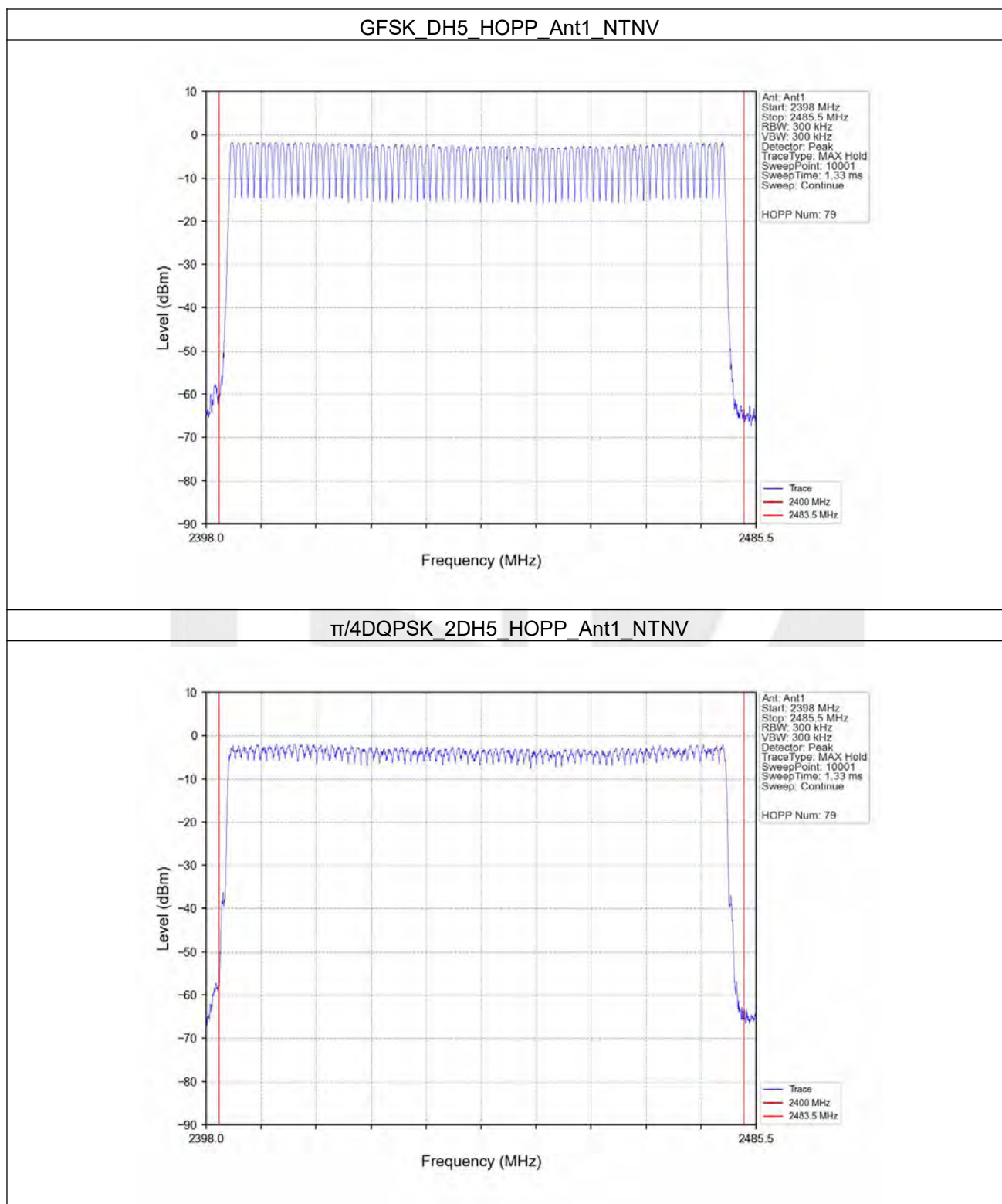
5.1 Test Result

5.1.1 HoppNum

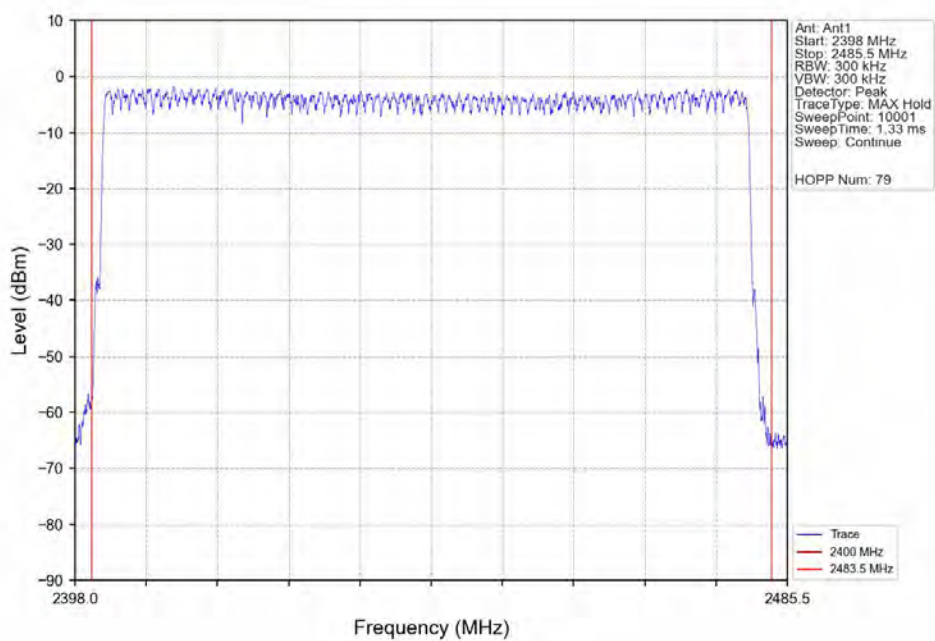
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

5.2 Test Graph

5.2.1 HoppNum



8DPSK_3DH5_HOPP_Ant1_NTNV



6. Time of Occupancy (Dwell Time)

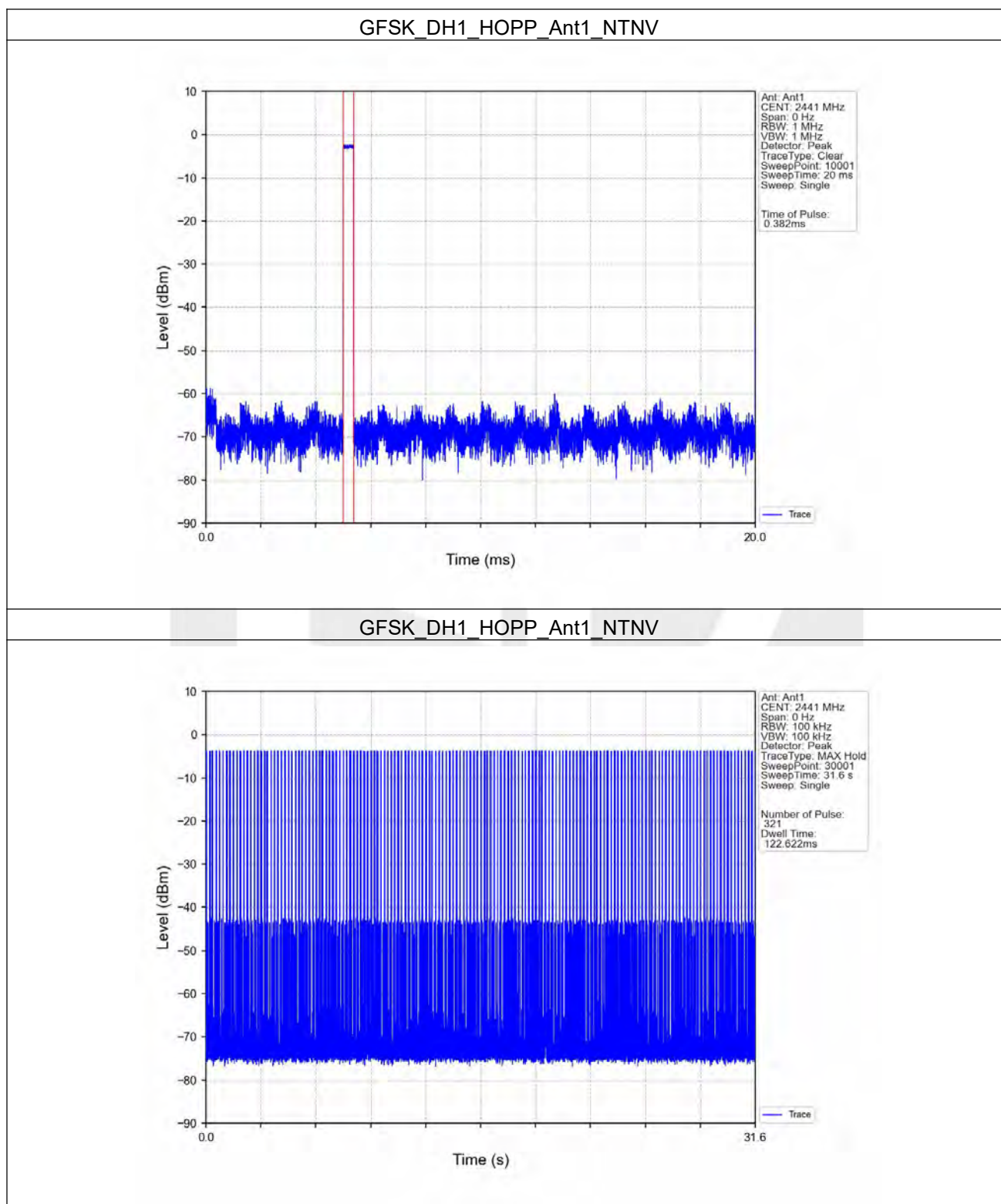
6.1 Test Result

6.1.1 Ant1

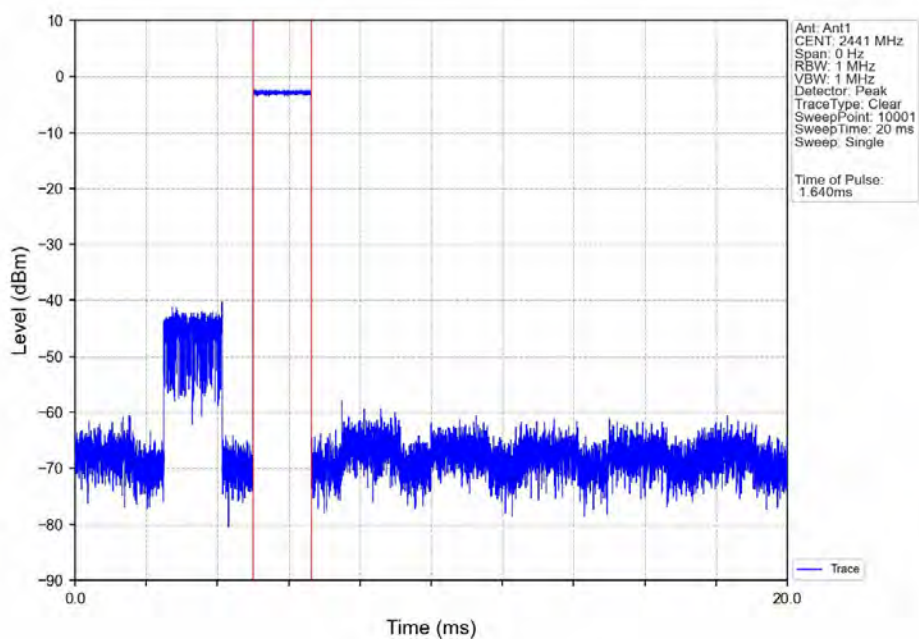
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.382	31.600	321	122.622	<=400	Pass
			DH3	1.640	31.600	157	257.480	<=400	Pass
			DH5	2.888	31.600	94	271.472	<=400	Pass
$\pi/4$ DQPSK	SISO	HOPP	2DH1	0.392	31.600	320	125.440	<=400	Pass
			2DH3	1.644	31.600	153	251.532	<=400	Pass
			2DH5	2.898	31.600	100	289.800	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.396	31.600	320	126.720	<=400	Pass
			3DH3	1.644	31.600	155	254.820	<=400	Pass
			3DH5	2.900	31.600	113	327.700	<=400	Pass

6.2 Test Graph

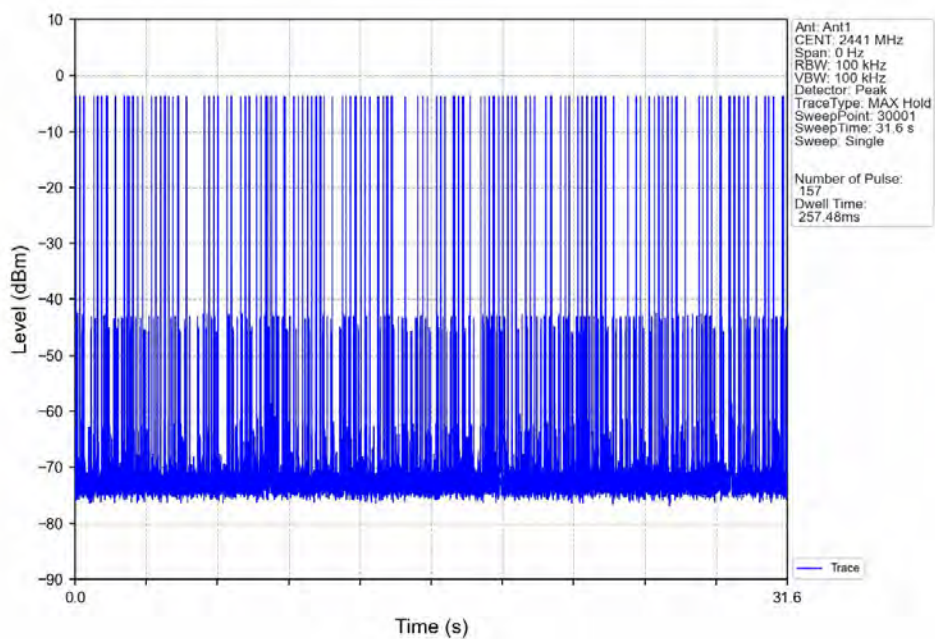
6.2.1 Ant1



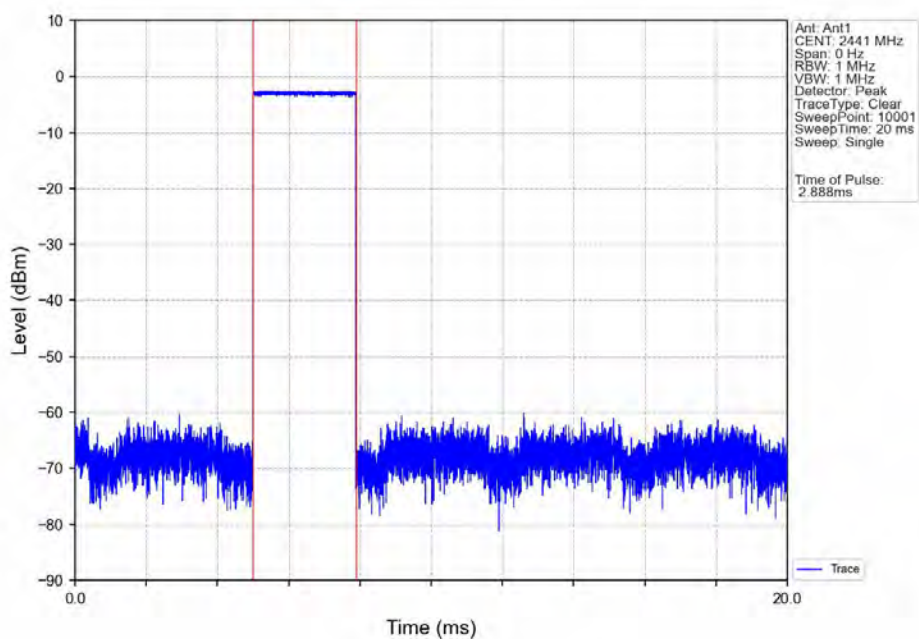
GFSK_DH3_HOPP_Ant1_NTNV



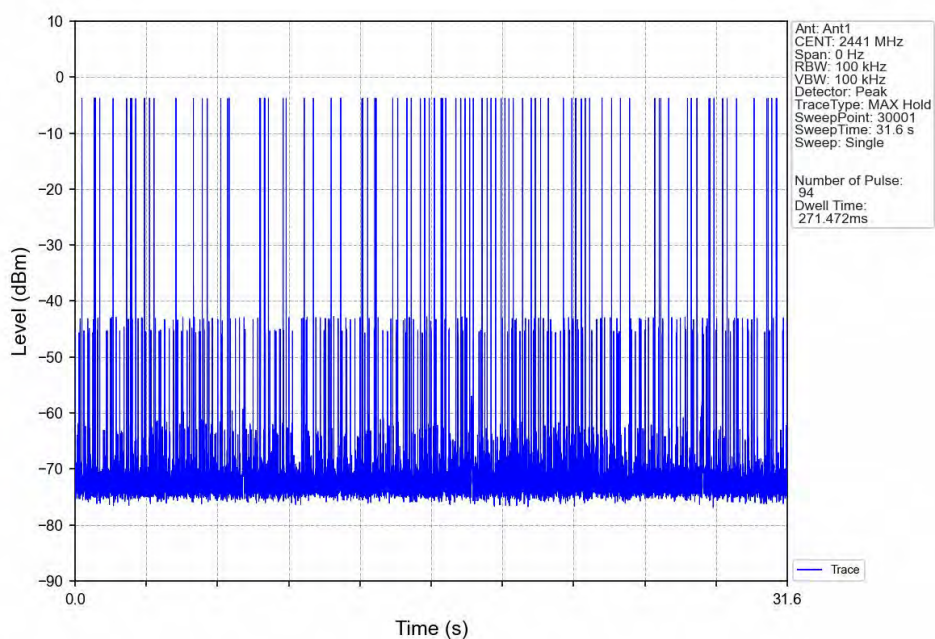
GFSK_DH3_HOPP_Ant1_NTNV



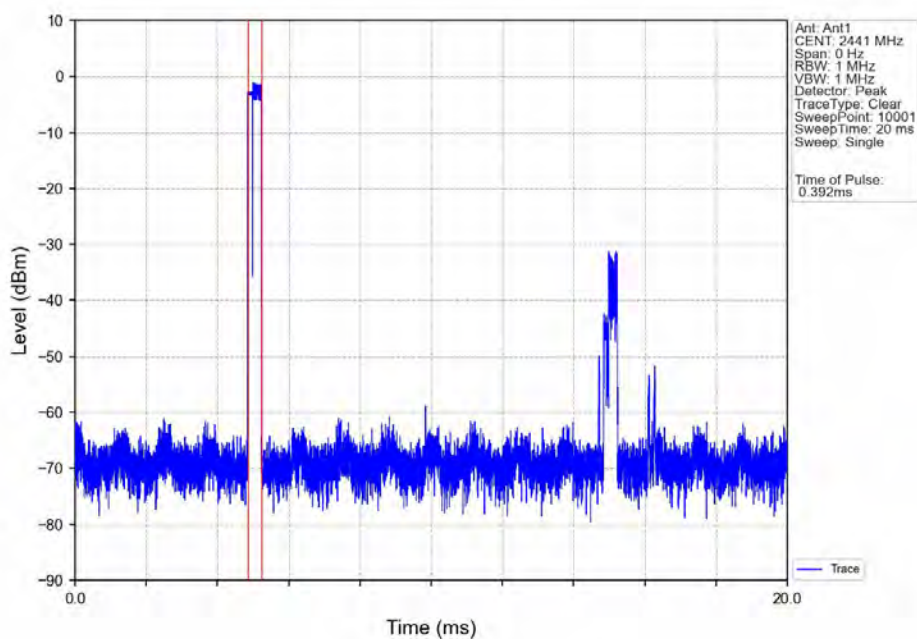
GFSK_DH5_HOPP_Ant1_NTNV



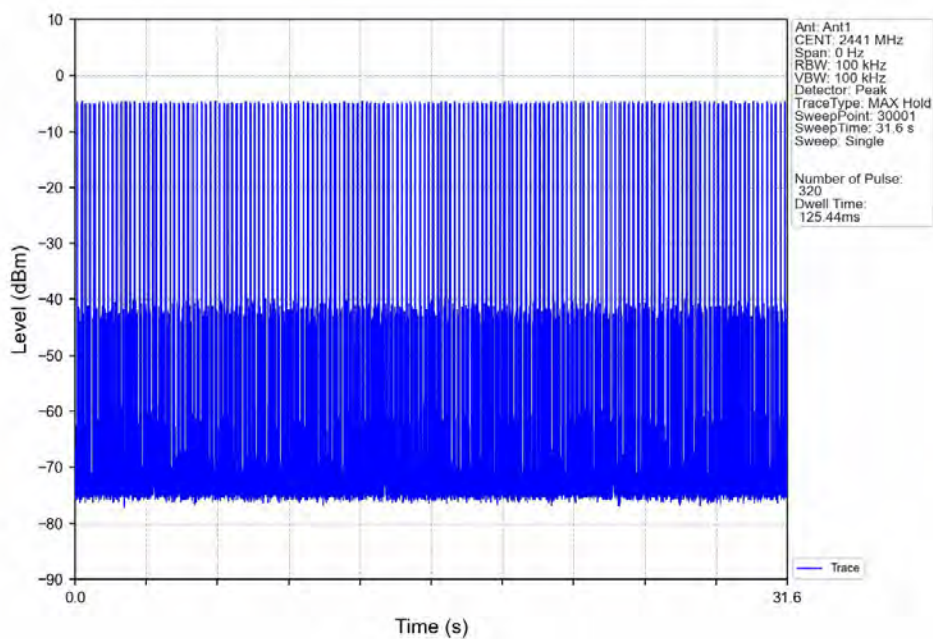
GFSK_DH5_HOPP_Ant1_NTNV



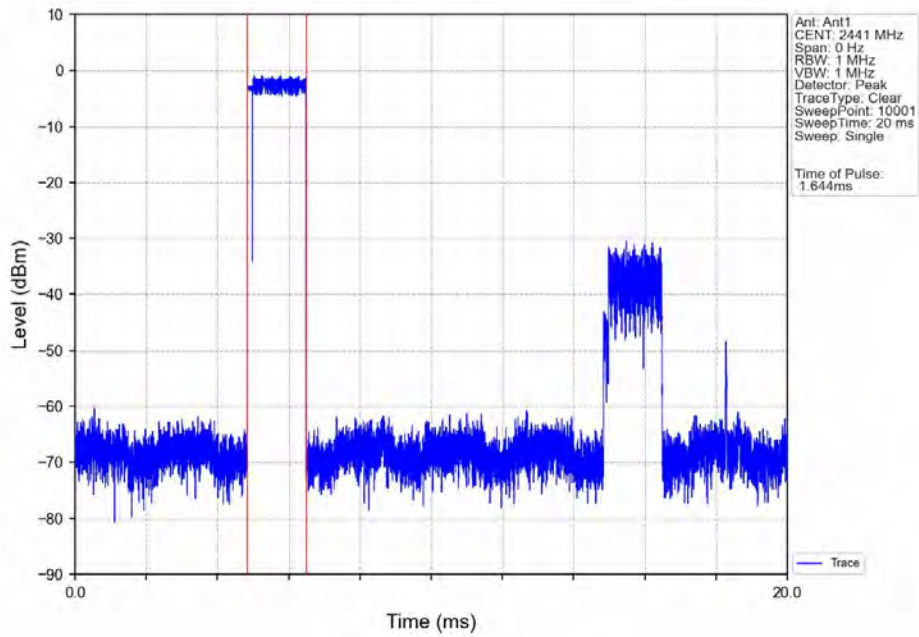
$\pi/4$ DQPSK_2DH1_HOPP_Ant1_NTNV



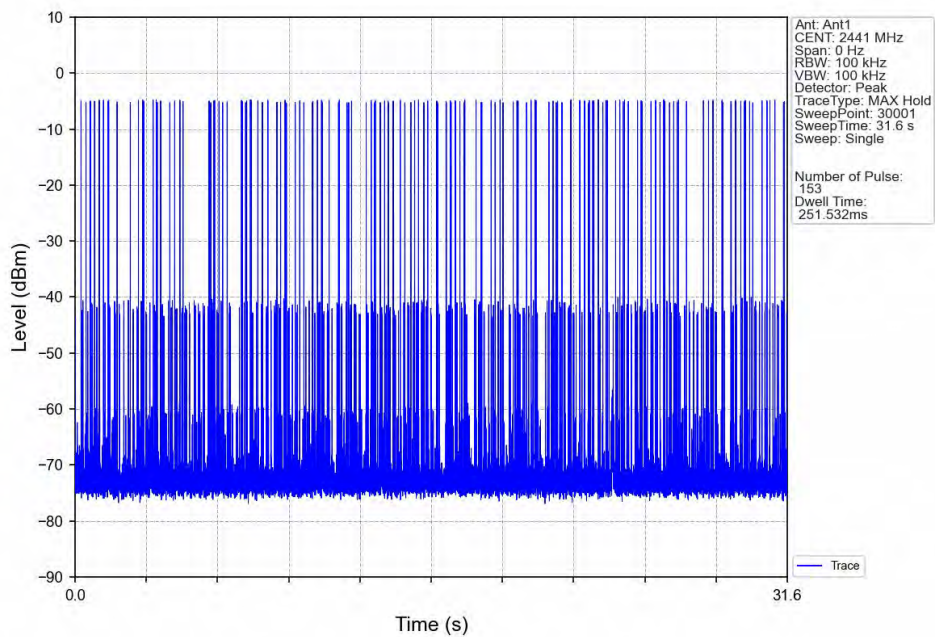
$\pi/4$ DQPSK_2DH1_HOPP_Ant1_NTNV



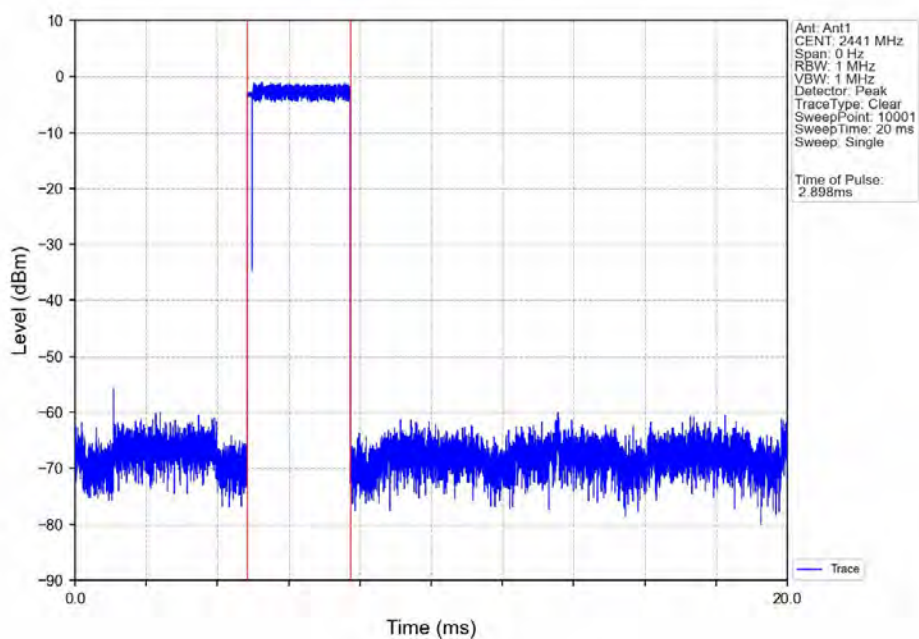
$\pi/4$ DQPSK_2DH3_HOPP_Ant1_NTNV



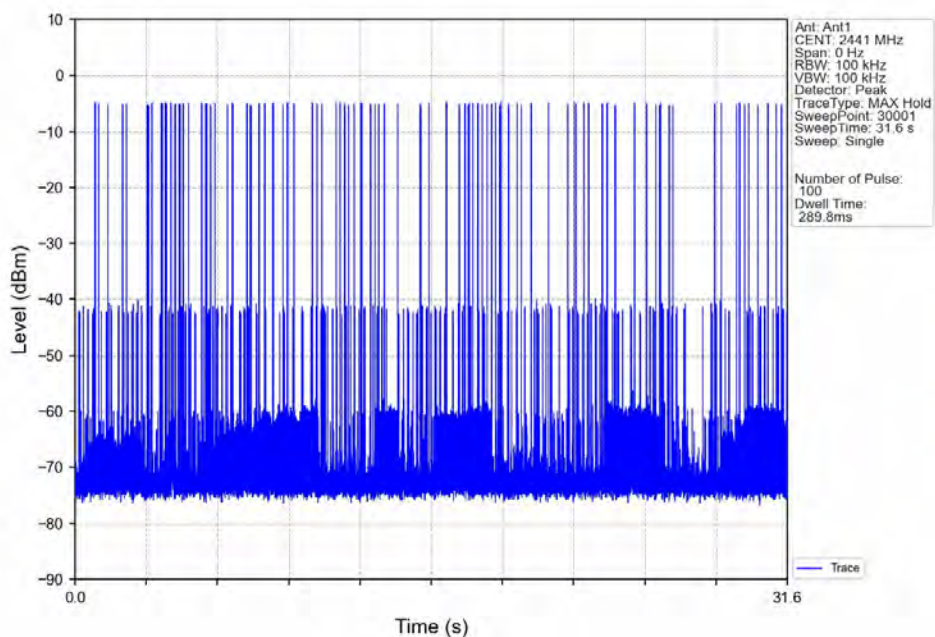
$\pi/4$ DQPSK_2DH3_HOPP_Ant1_NTNV



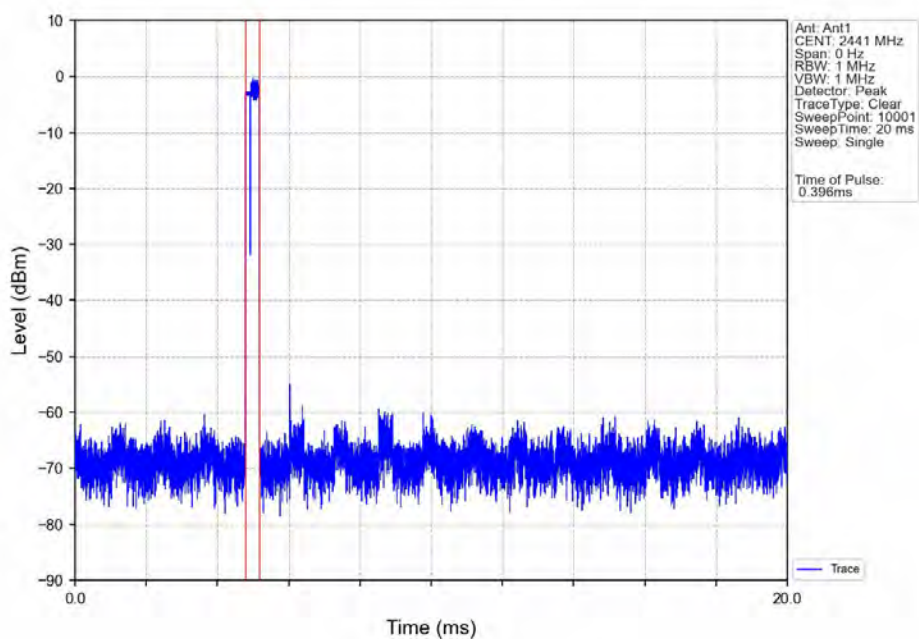
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



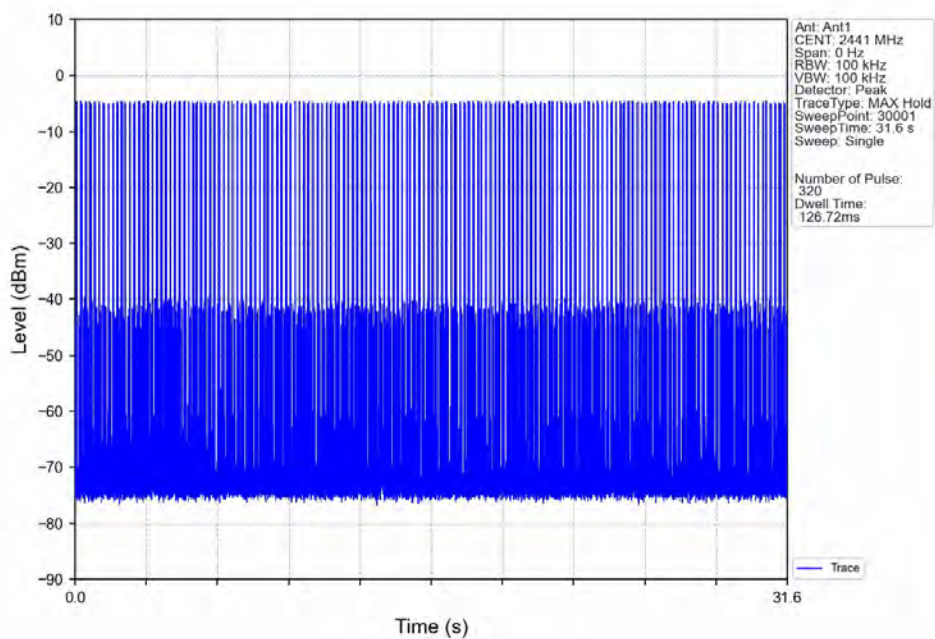
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



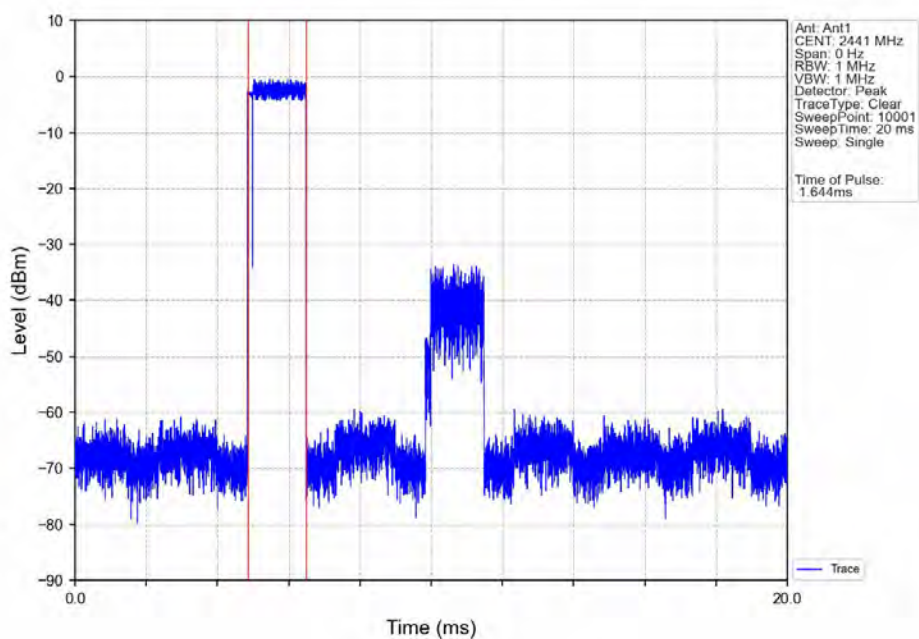
8DPSK_3DH1_HOPP_Ant1_NTNV



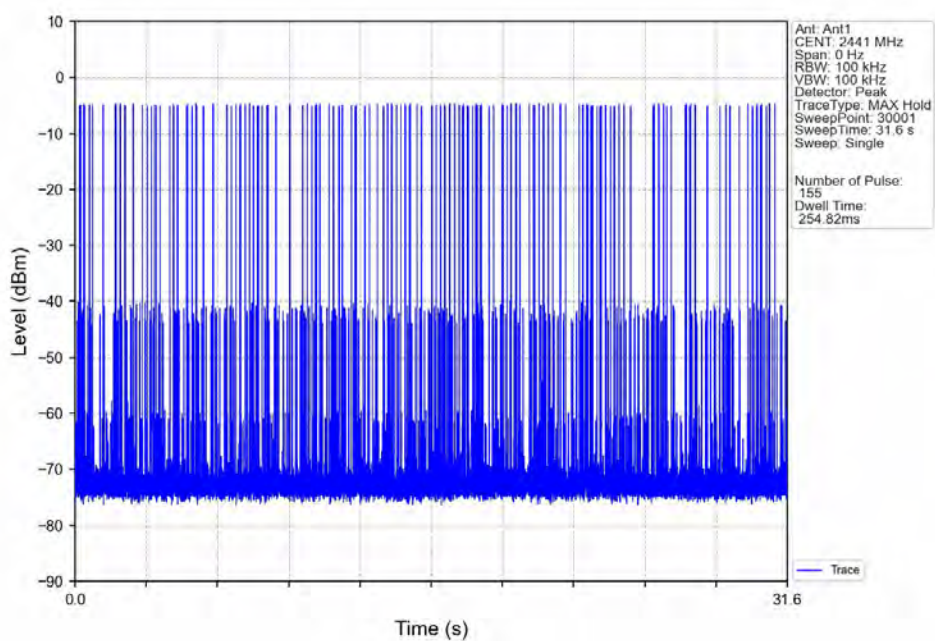
8DPSK_3DH1_HOPP_Ant1_NTNV



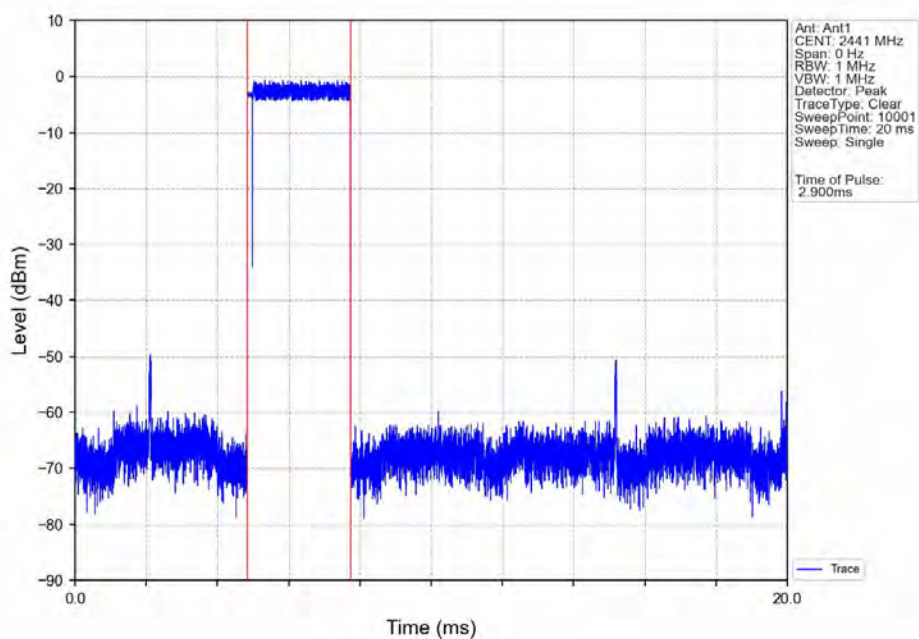
8DPSK_3DH3_HOPP_Ant1_NTNV



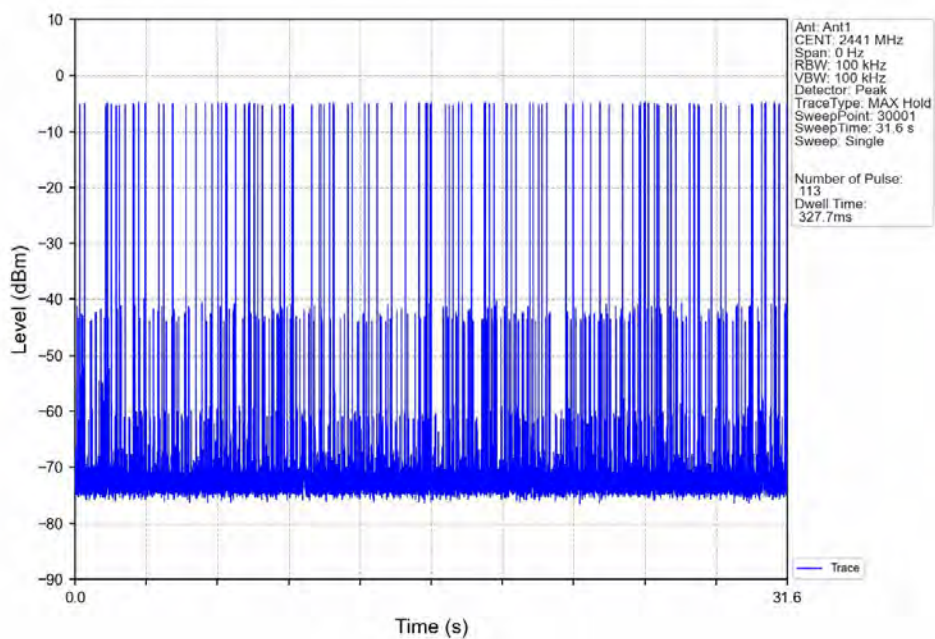
8DPSK_3DH3_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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	-1.67
		2441	DH5	1	-3.08
		2480	DH5	1	-1.91
		HOPP	DH5	1	-1.90
					-1.90
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.17
		2441	2DH5	1	-2.80
		2480	2DH5	1	-2.10
		HOPP	2DH5	1	-1.92
					-1.92
8DPSK	SISO	2402	3DH5	1	-2.55
		2441	3DH5	1	-2.91
		2480	3DH5	1	-2.25
		HOPP	3DH5	1	-2.19
					-2.19

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.

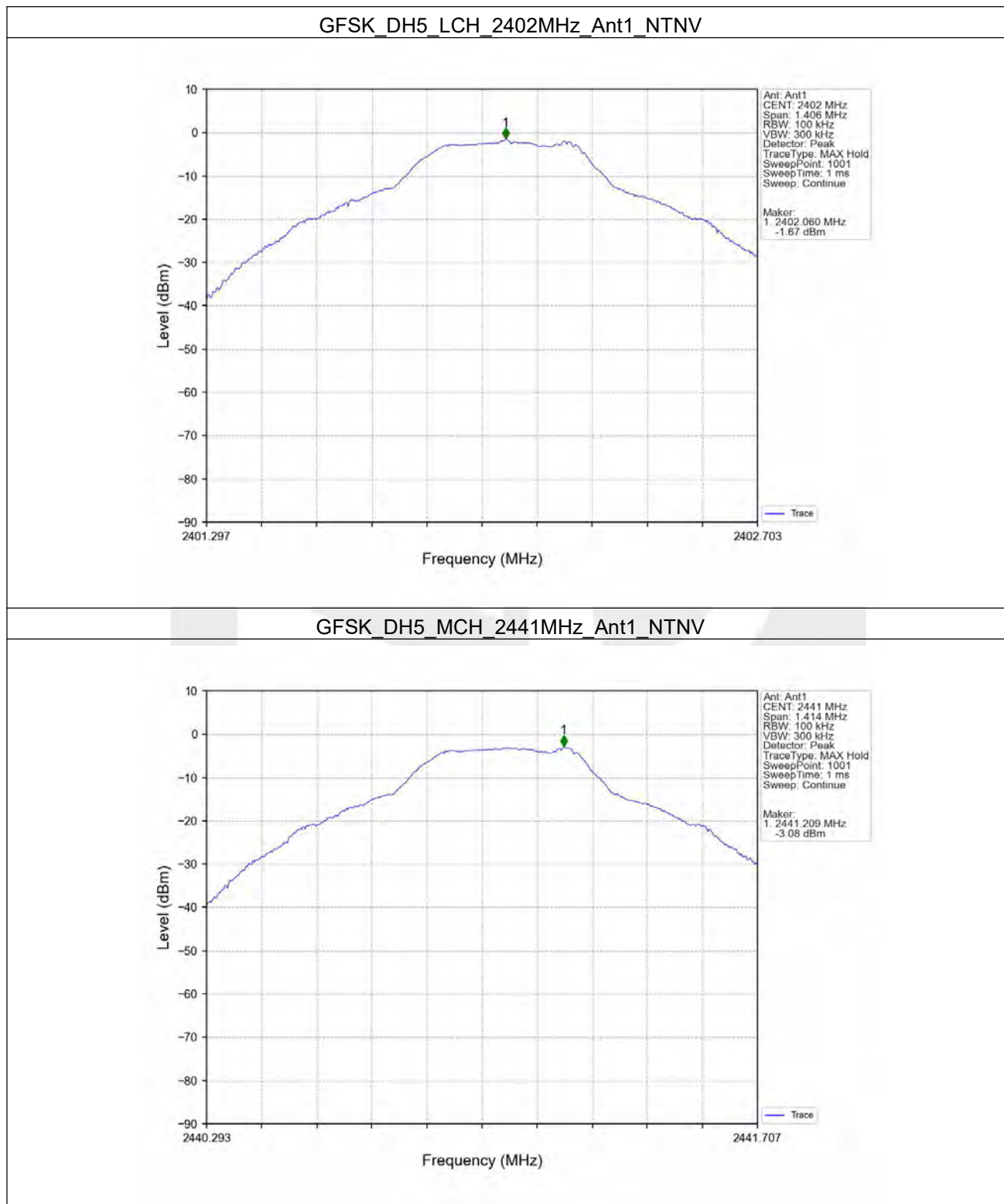
7.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-1.67	-21.67	Pass
		2441	DH5	1	-3.08	-23.08	Pass
		2480	DH5	1	-1.91	-21.91	Pass
		HOPP	DH5	1	-1.90	-21.90	Pass
					-1.90	-21.90	Pass
$\pi/4$ DQPSK	SISO	2402	2DH5	1	-2.17	-22.17	Pass
		2441	2DH5	1	-2.80	-22.80	Pass
		2480	2DH5	1	-2.10	-22.10	Pass
		HOPP	2DH5	1	-1.92	-21.92	Pass
					-1.92	-21.92	Pass
8DPSK	SISO	2402	3DH5	1	-2.55	-22.55	Pass
		2441	3DH5	1	-2.91	-22.91	Pass
		2480	3DH5	1	-2.25	-22.25	Pass
		HOPP	3DH5	1	-2.19	-22.19	Pass
					-2.19	-22.19	Pass

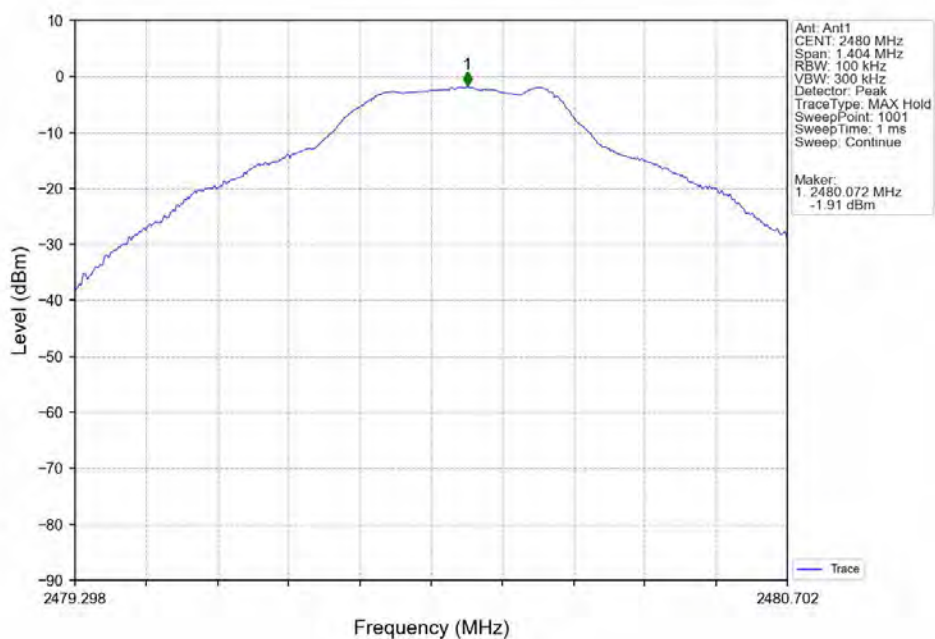
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020+Cor 1-2023, the channel contains the maximum PSD level was used to establish the reference level.

7.2 Test Graph

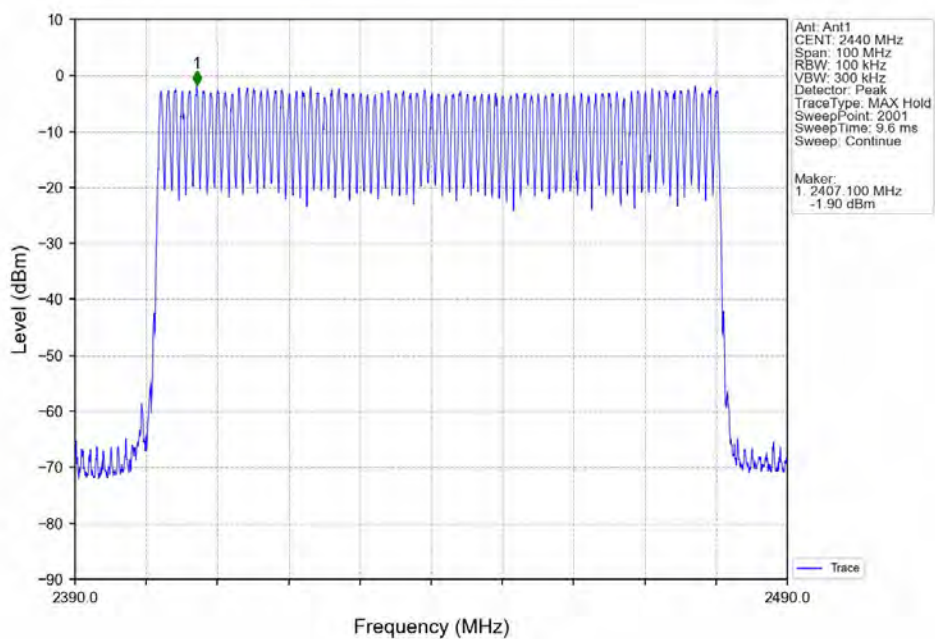
7.2.1 Ref



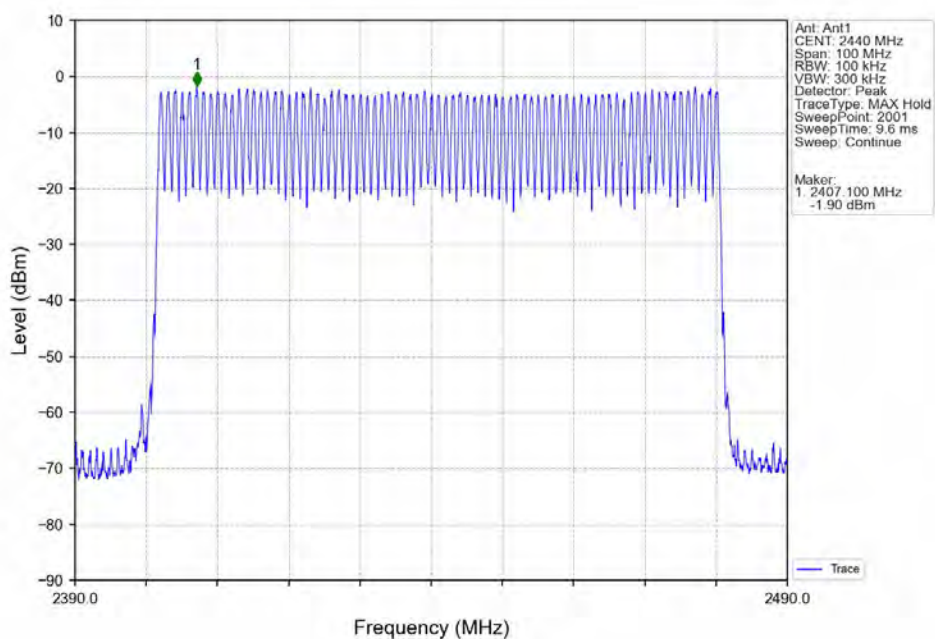
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



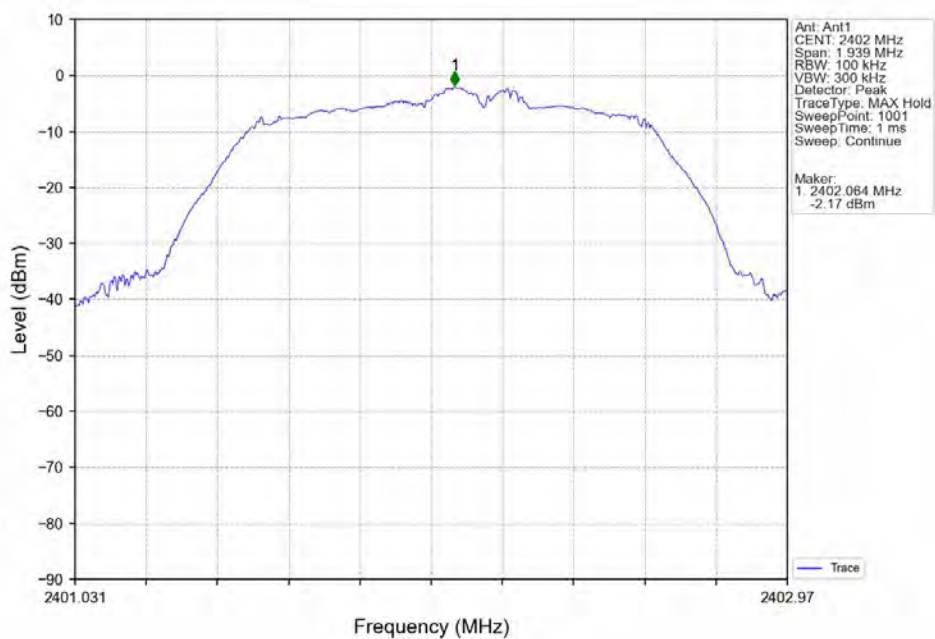
GFSK_DH5_HOPP_Ant1_NTNV



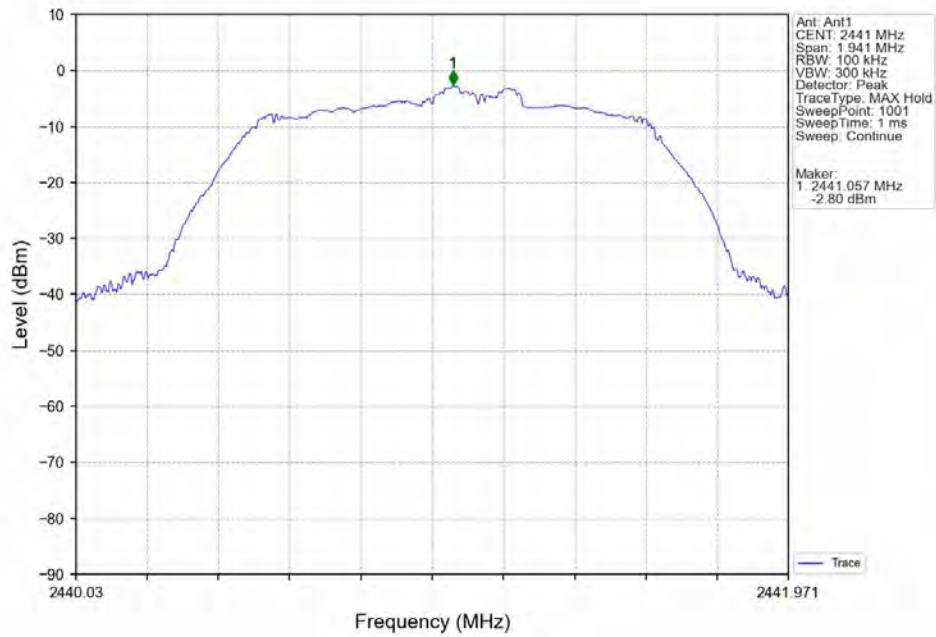
GFSK_DH5_HOPP_Ant1_NTNV



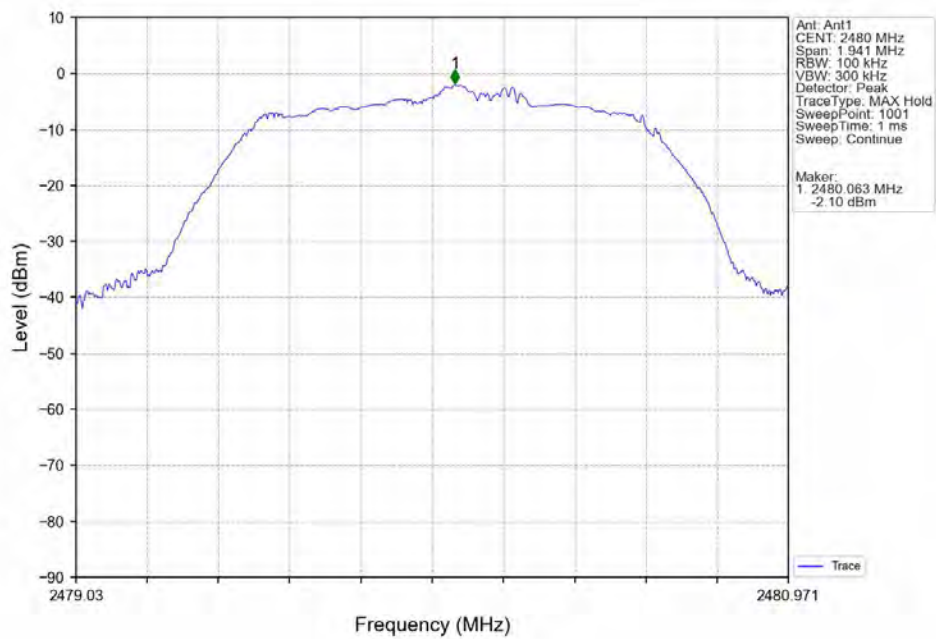
$\pi/4$ DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



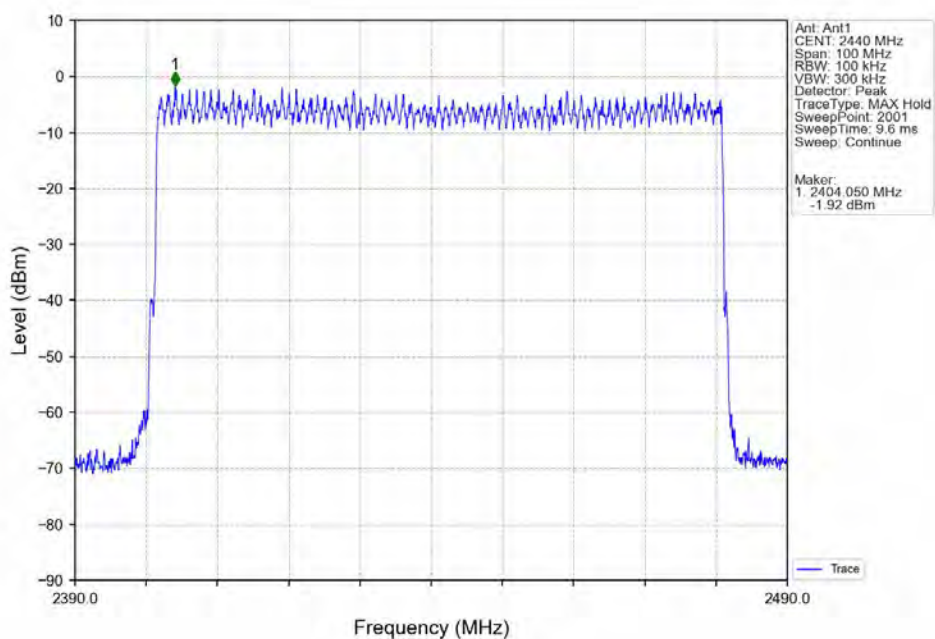
$\pi/4$ DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



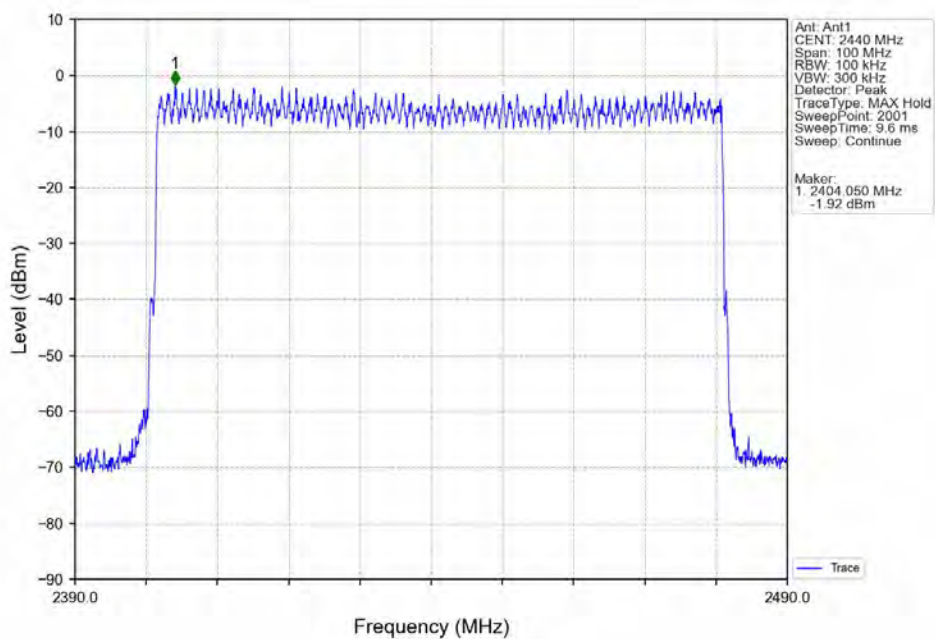
$\pi/4$ DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



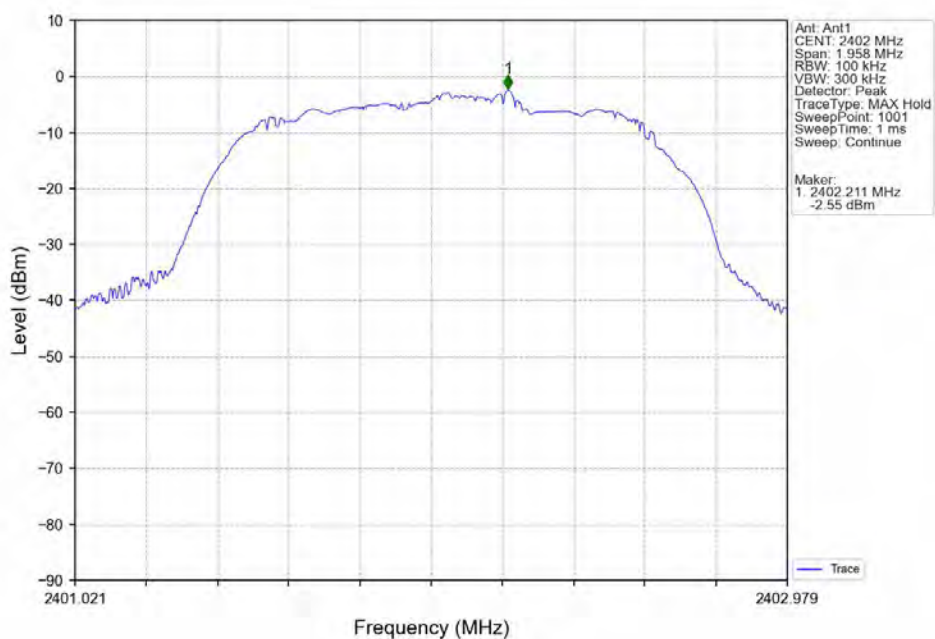
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



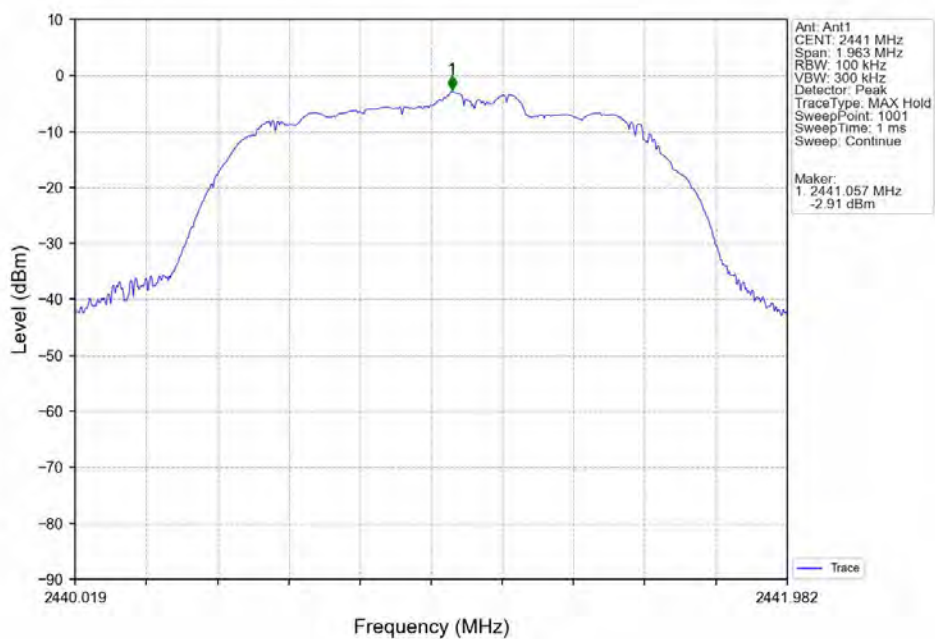
$\pi/4$ DQPSK_2DH5_HOPP_Ant1_NTNV



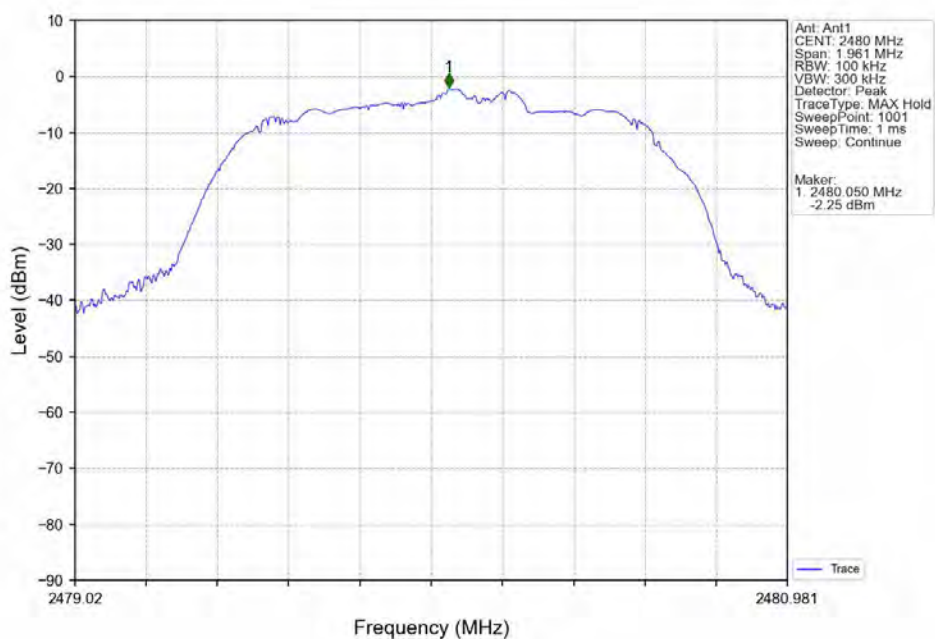
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



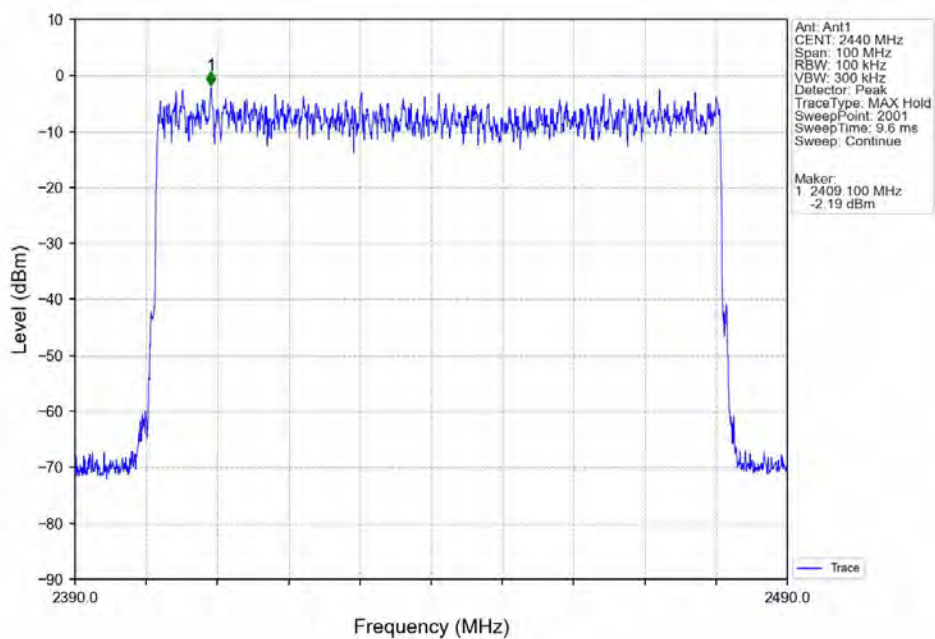
8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

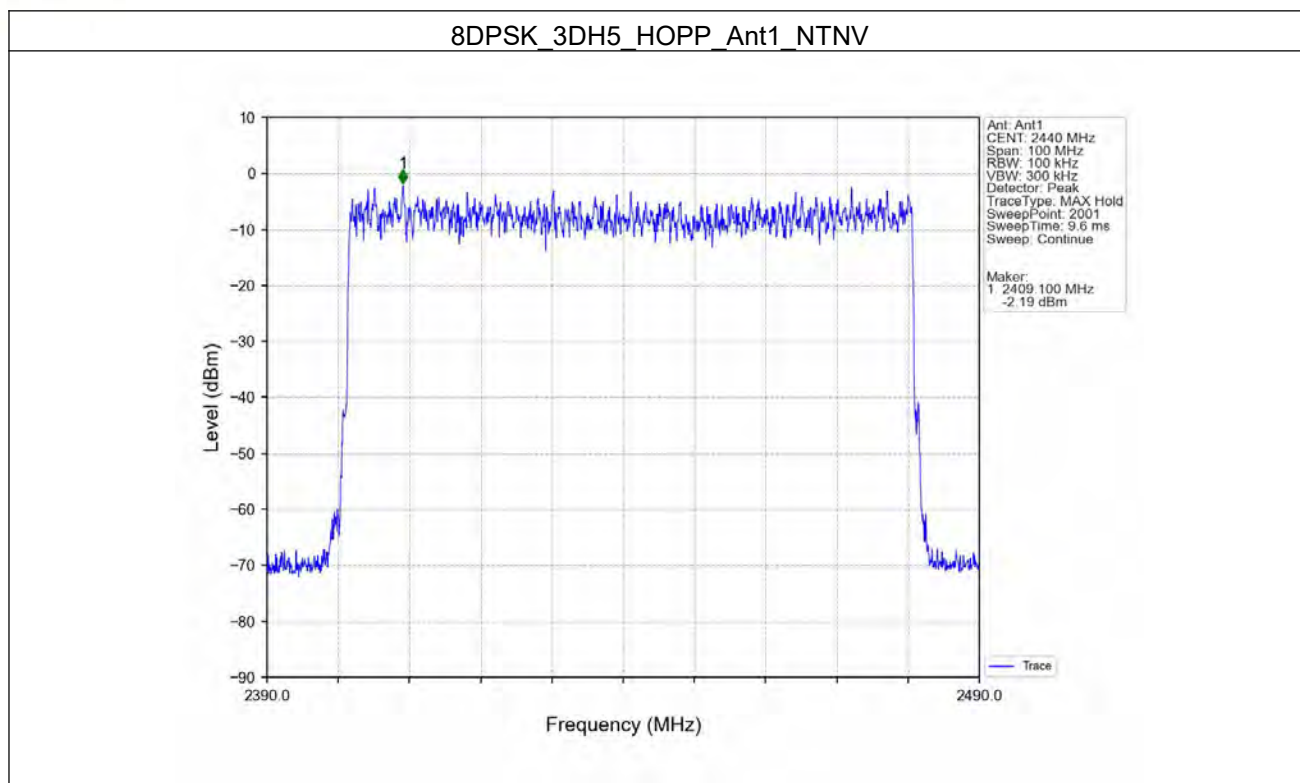


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

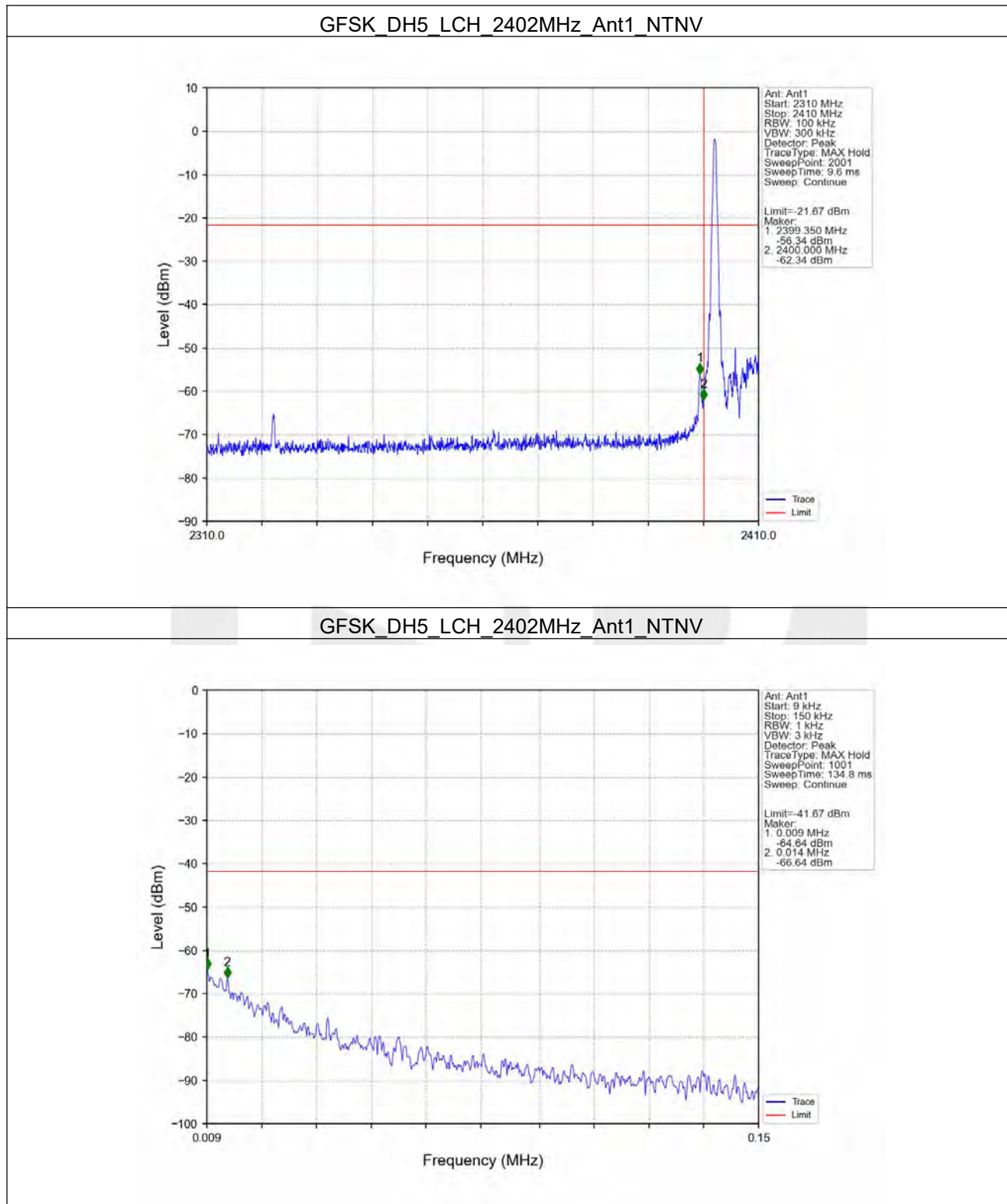


8DPSK_3DH5_HOPP_Ant1_NTNV

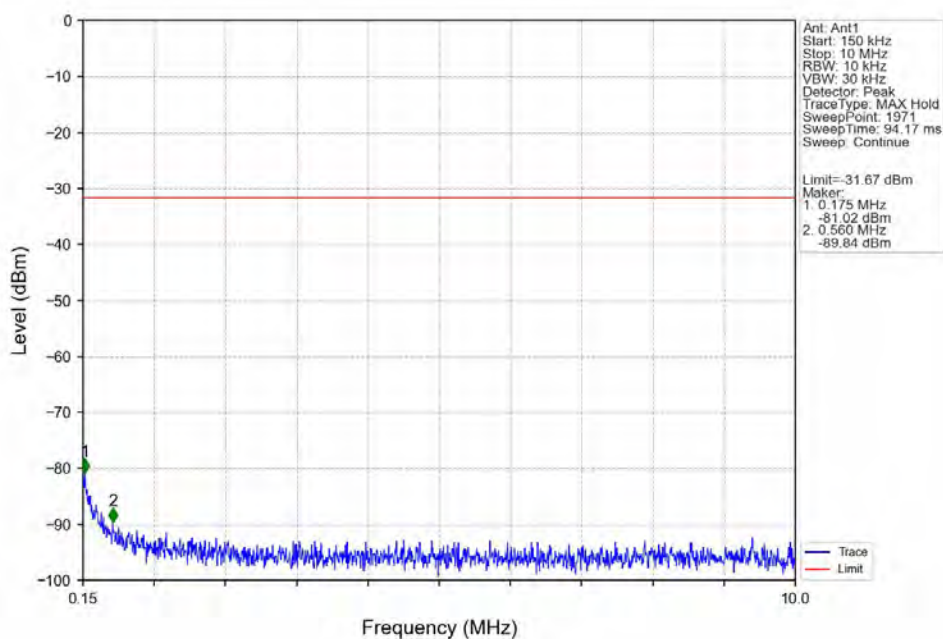




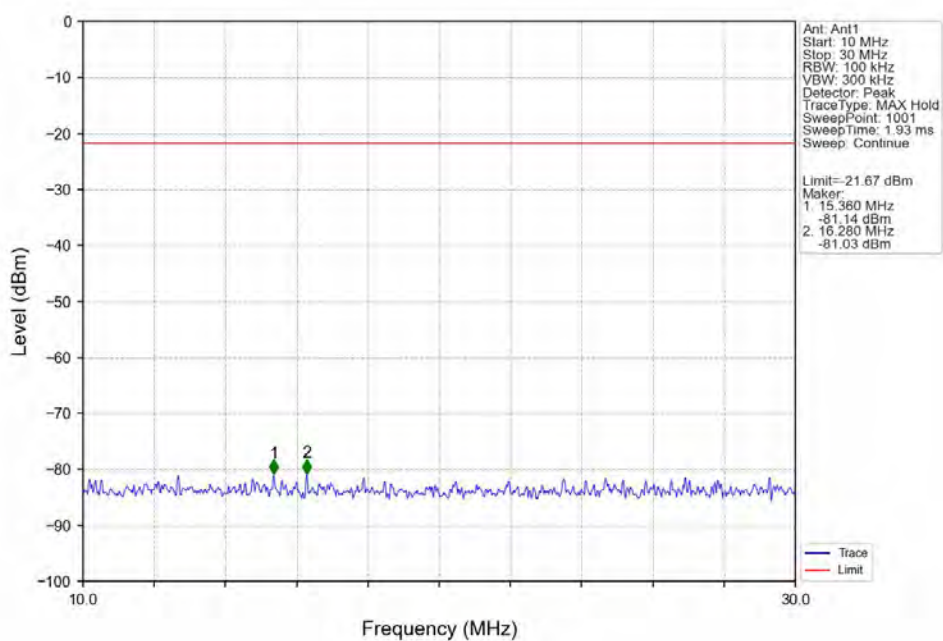
7.2.2 CSE



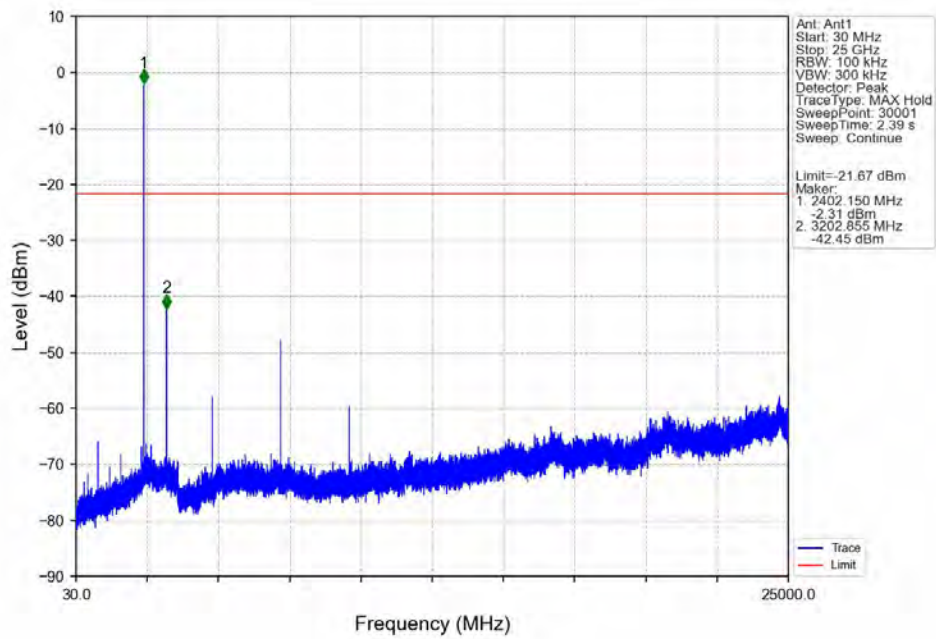
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



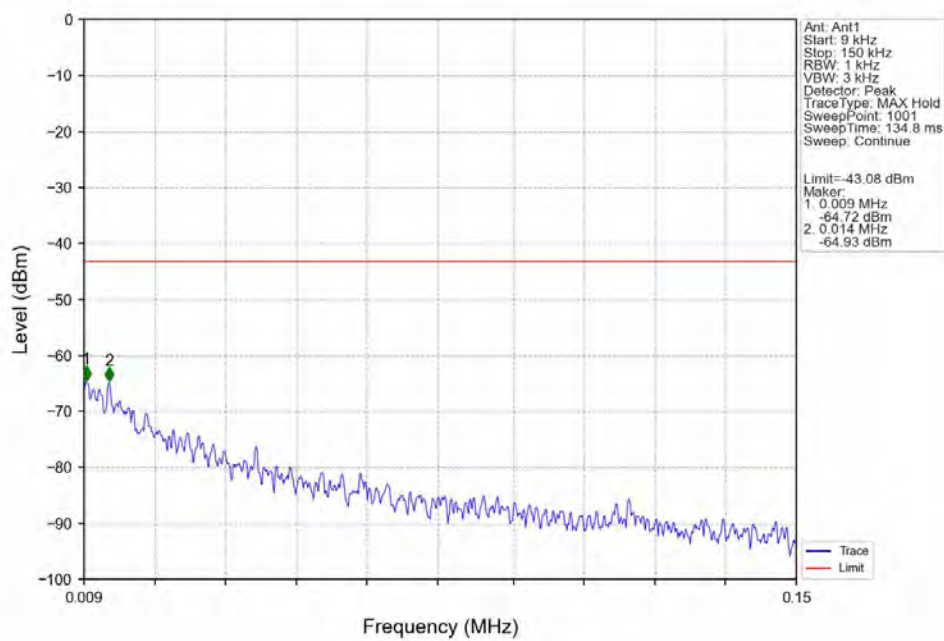
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



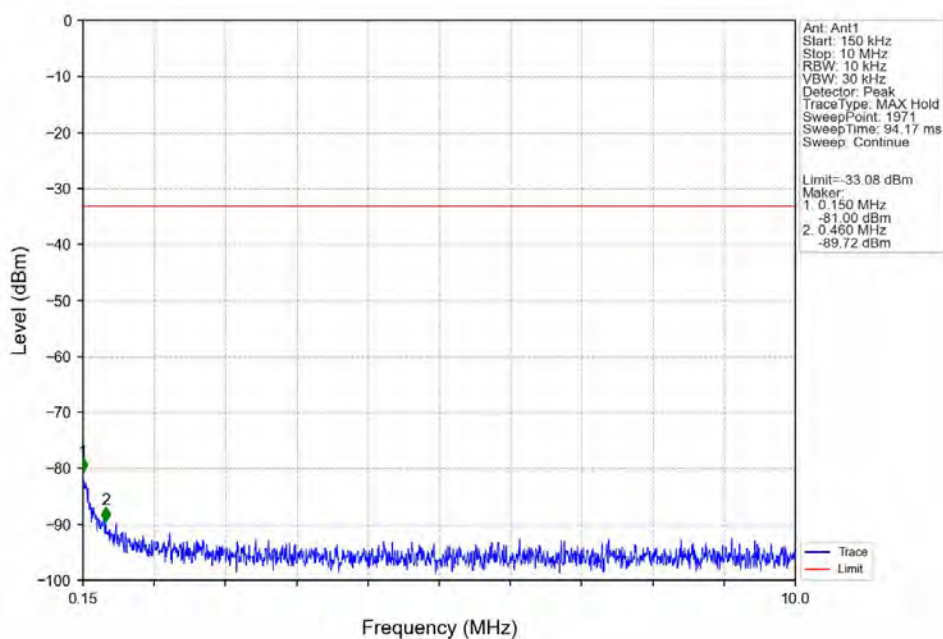
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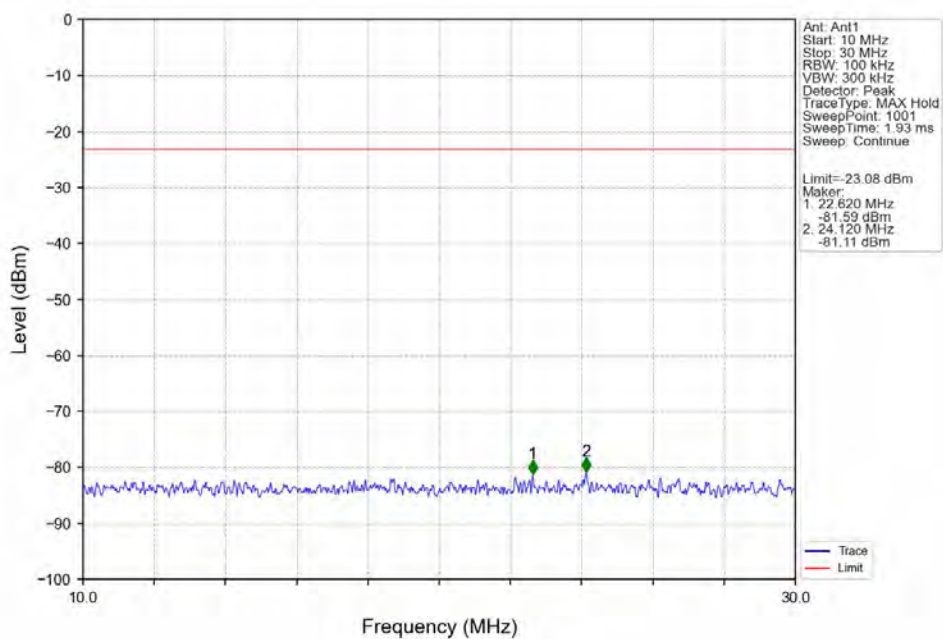
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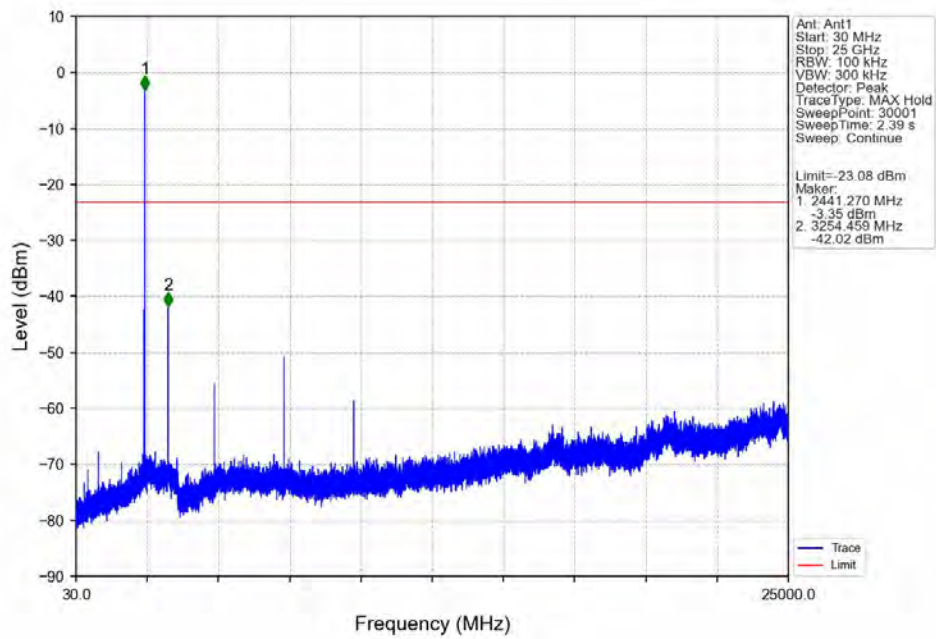
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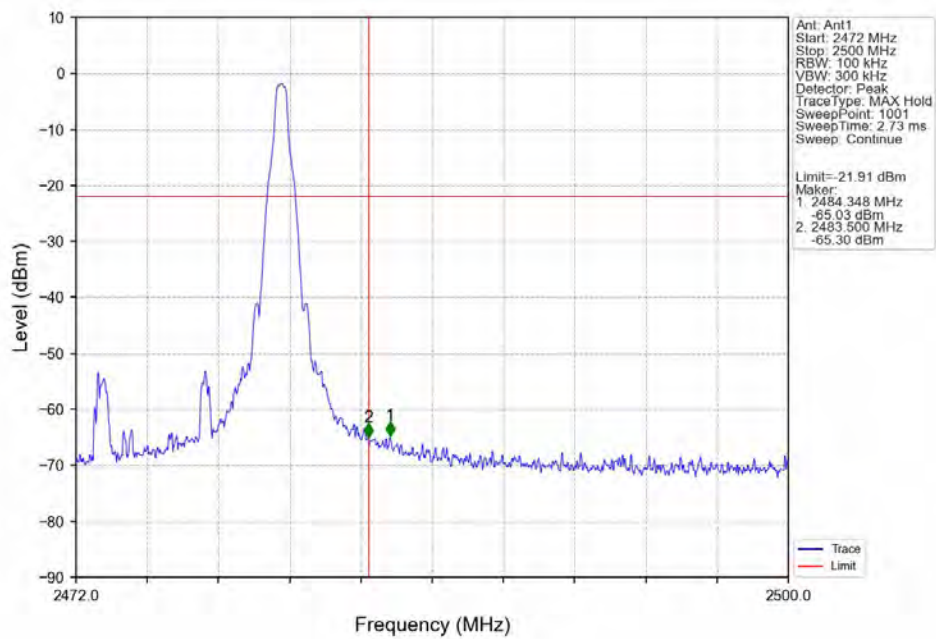
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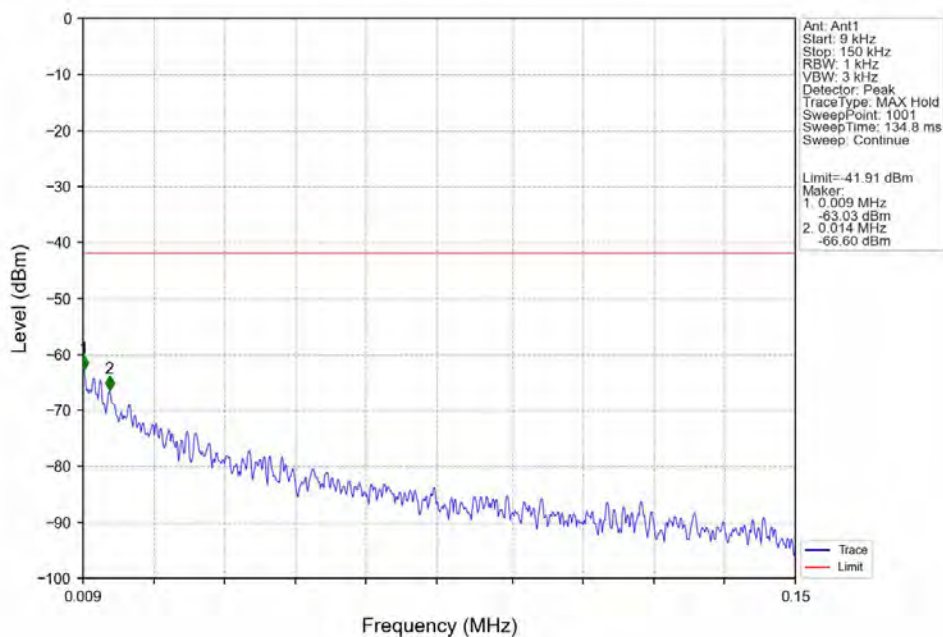
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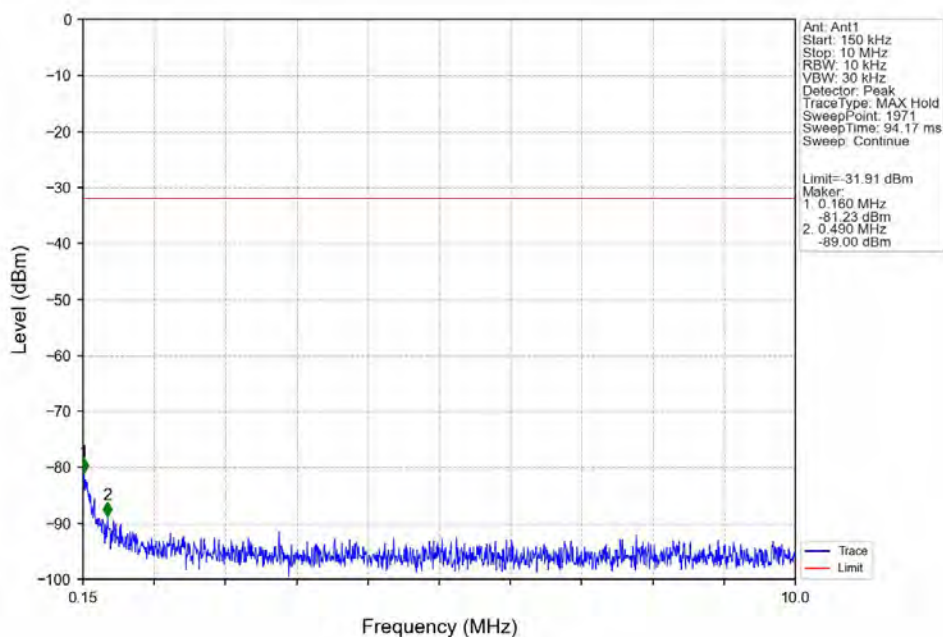
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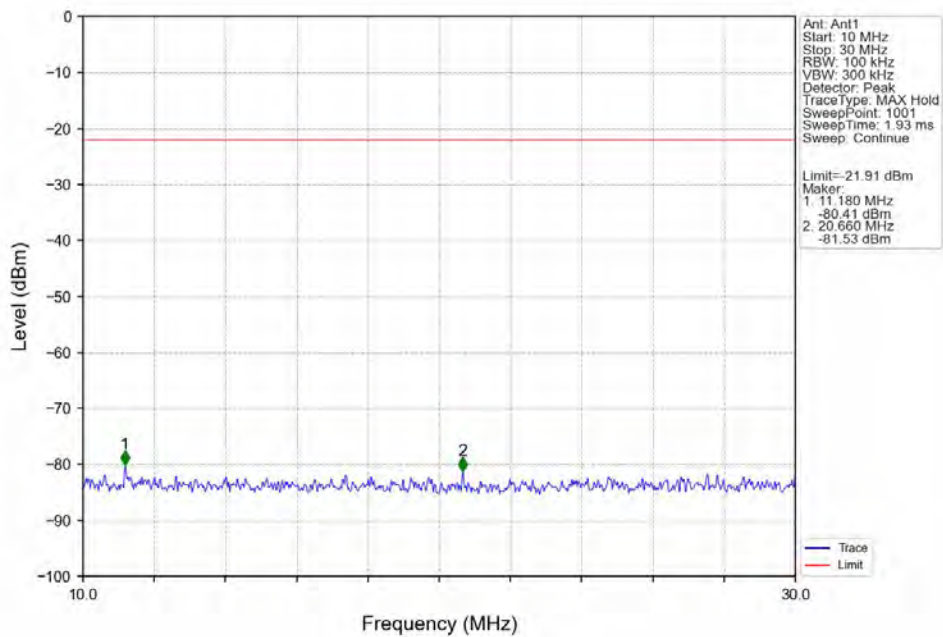
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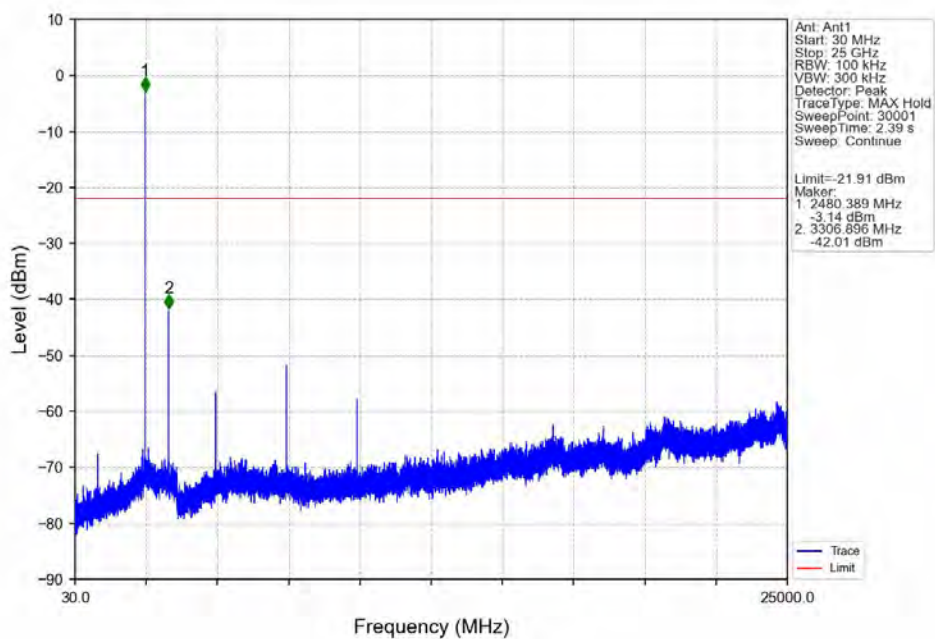
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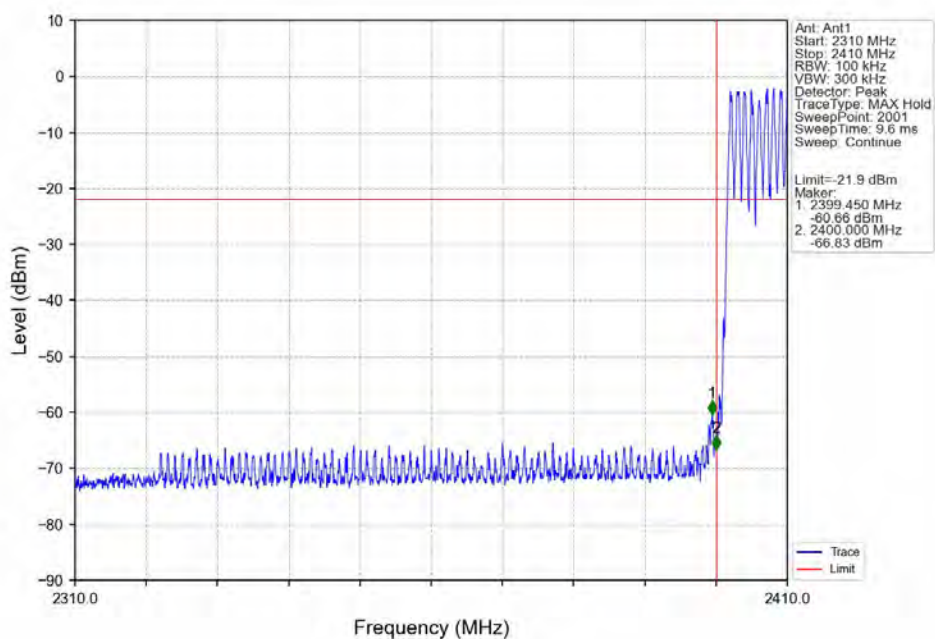
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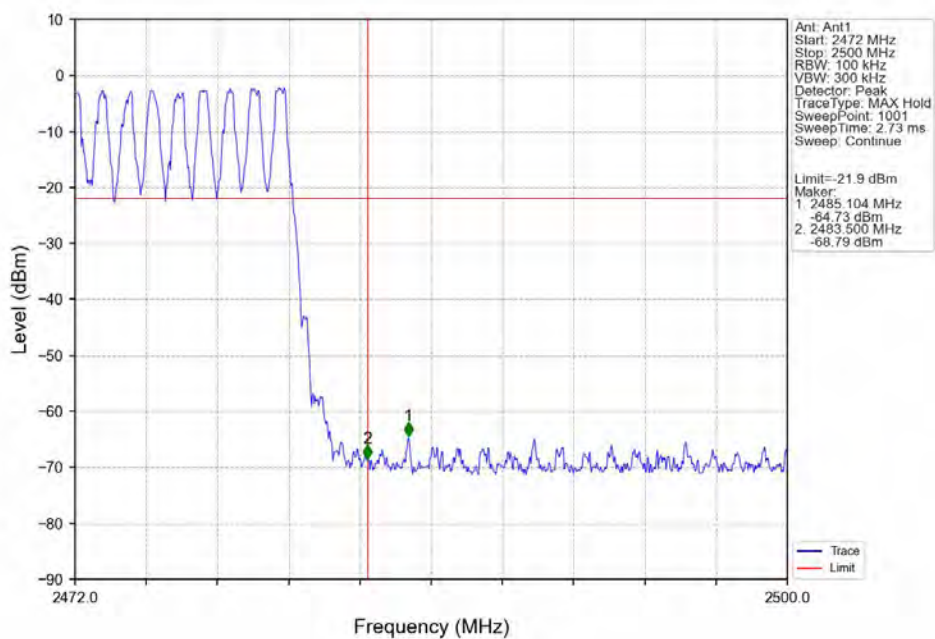
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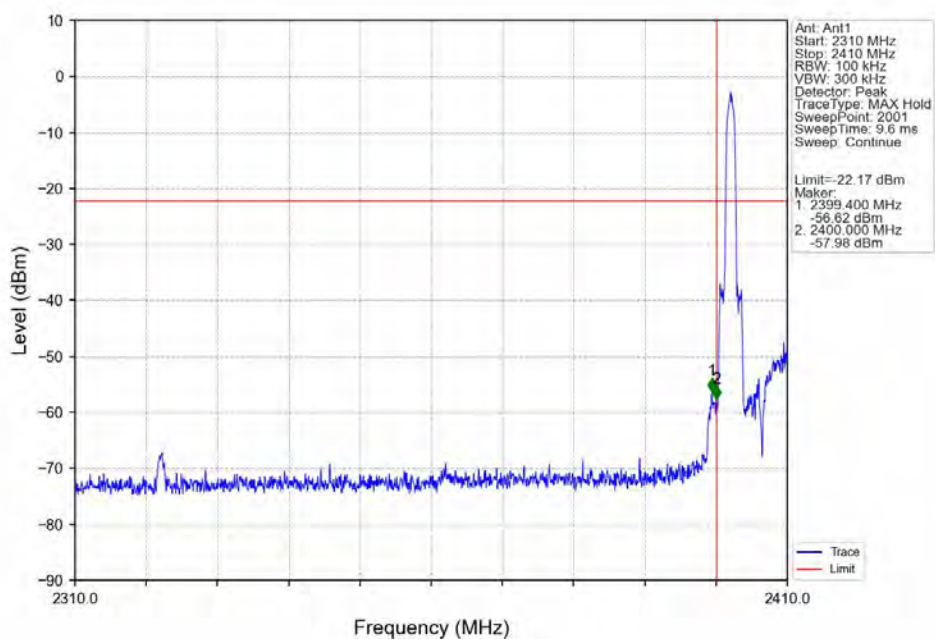
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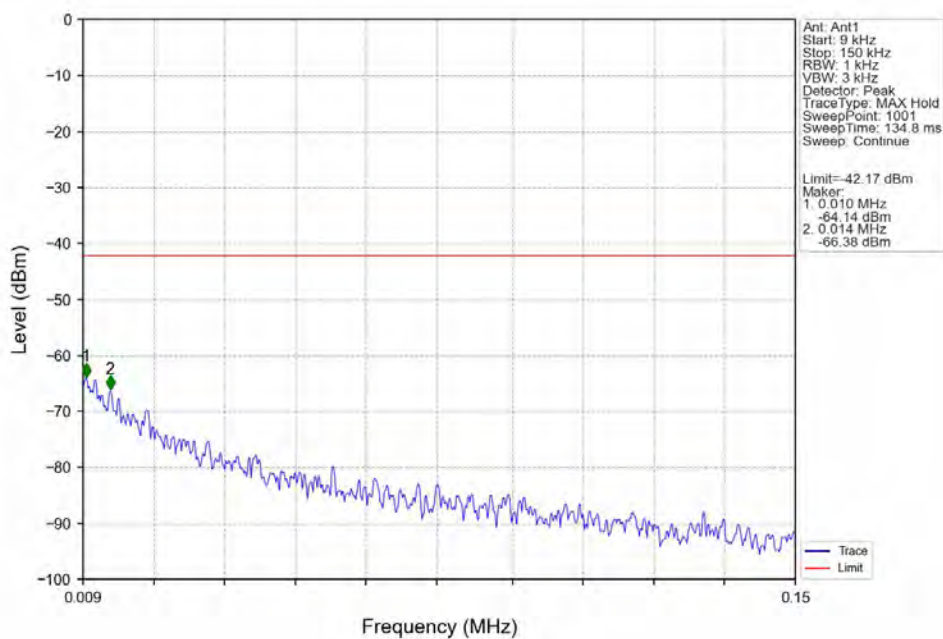
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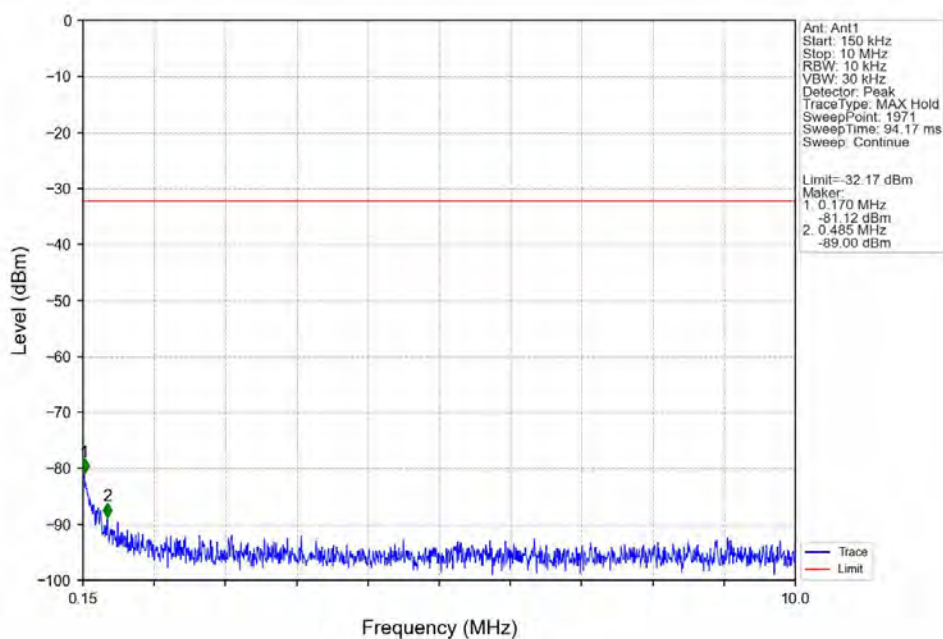
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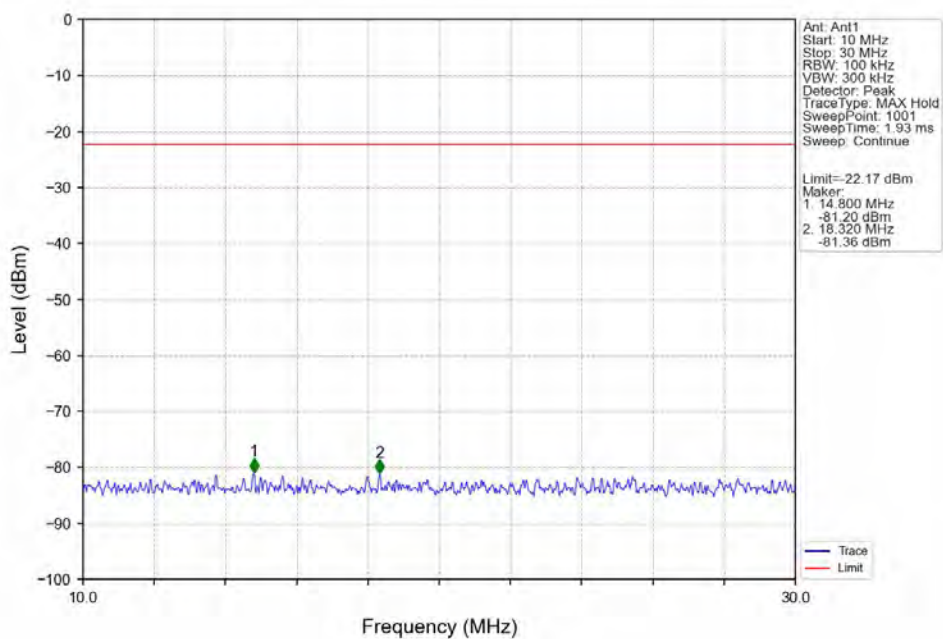
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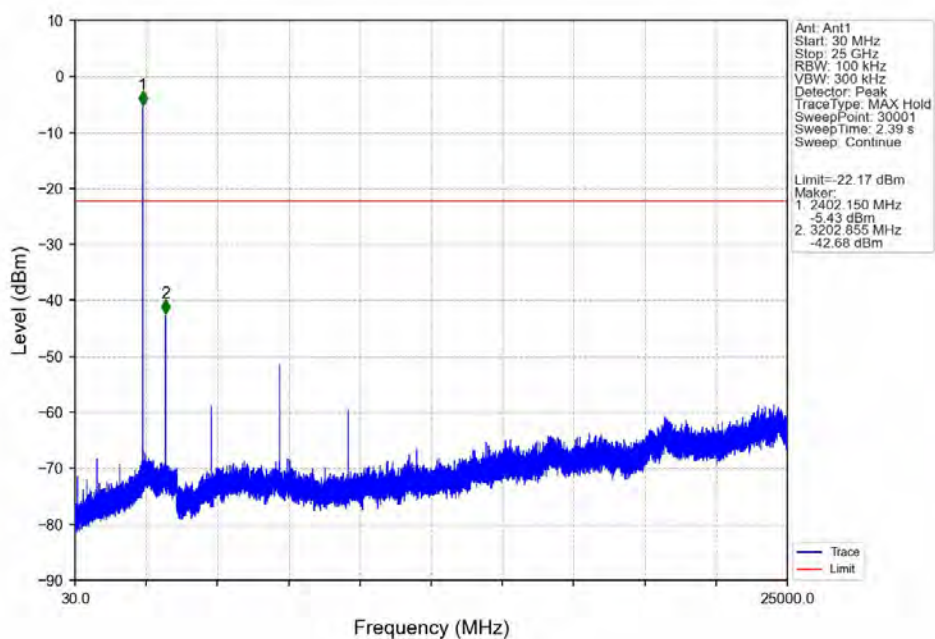
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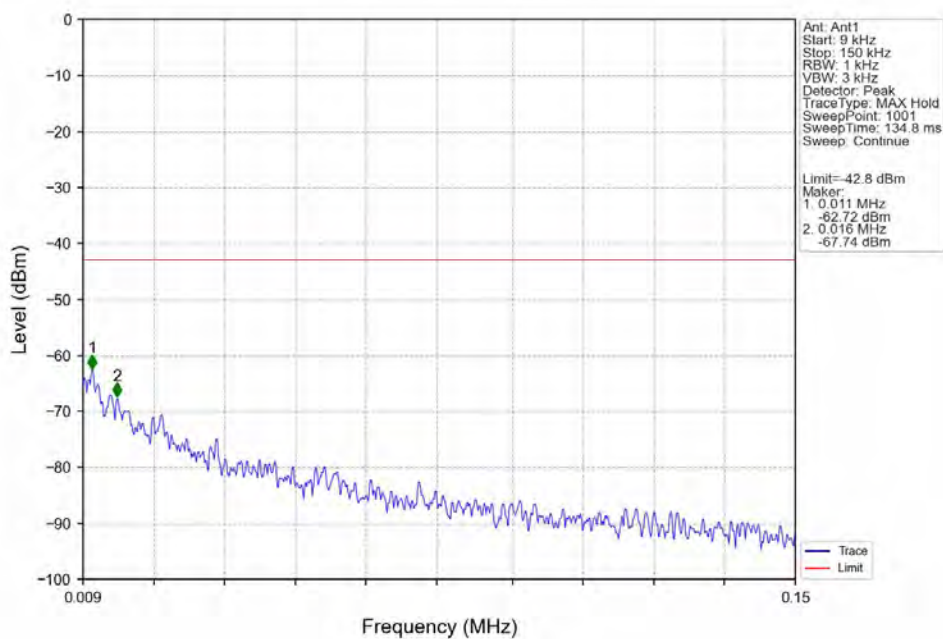
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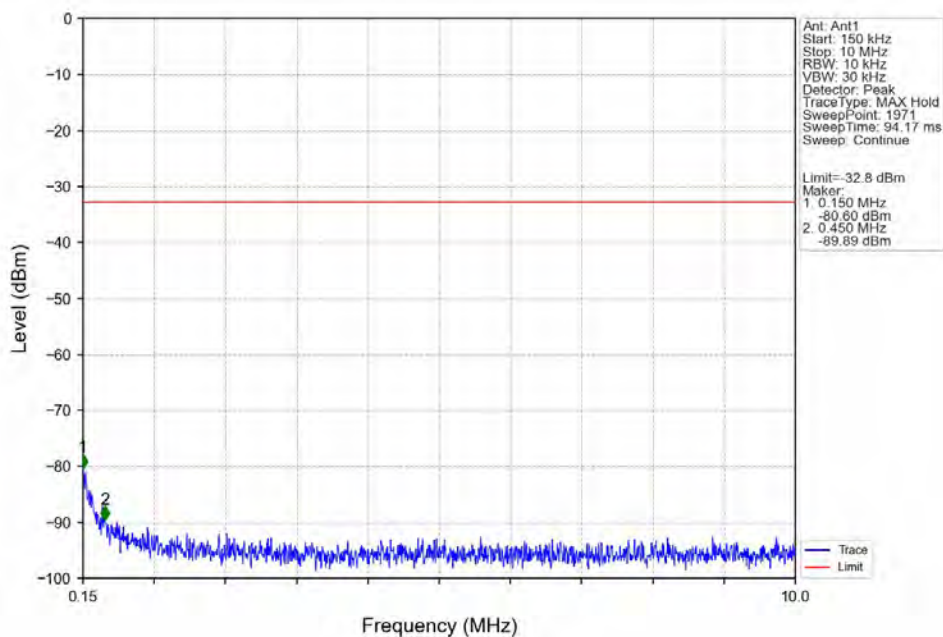
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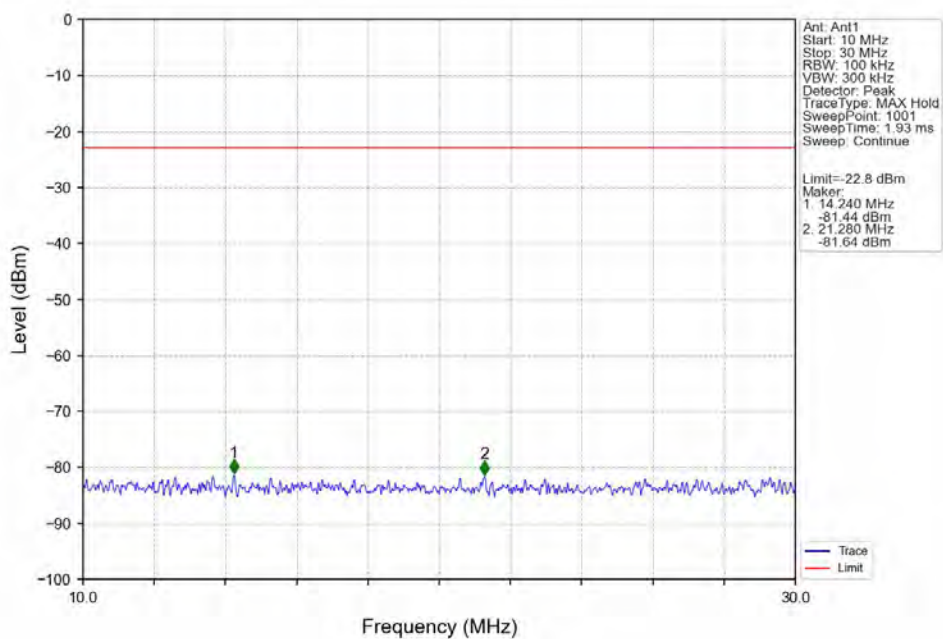
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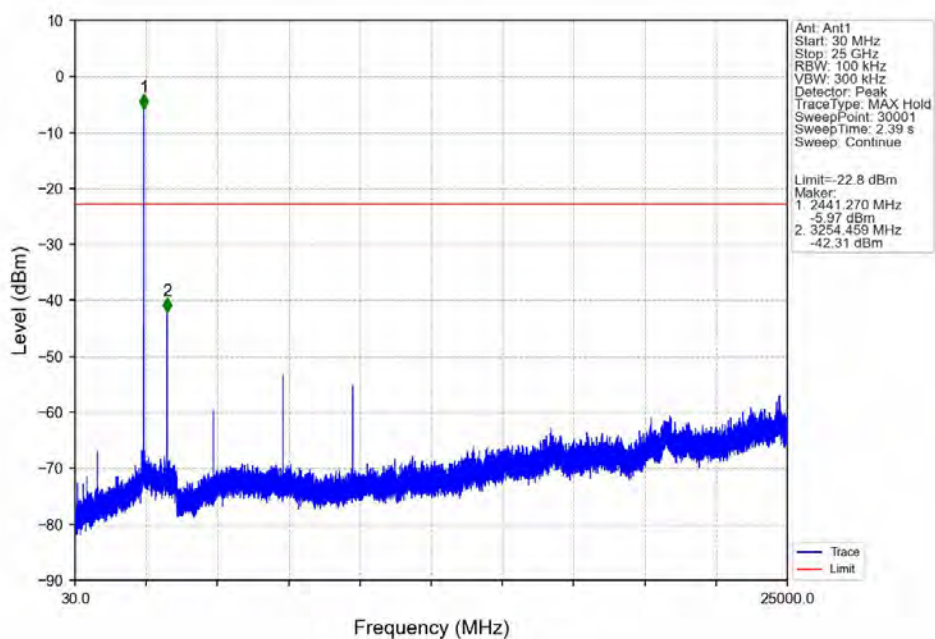
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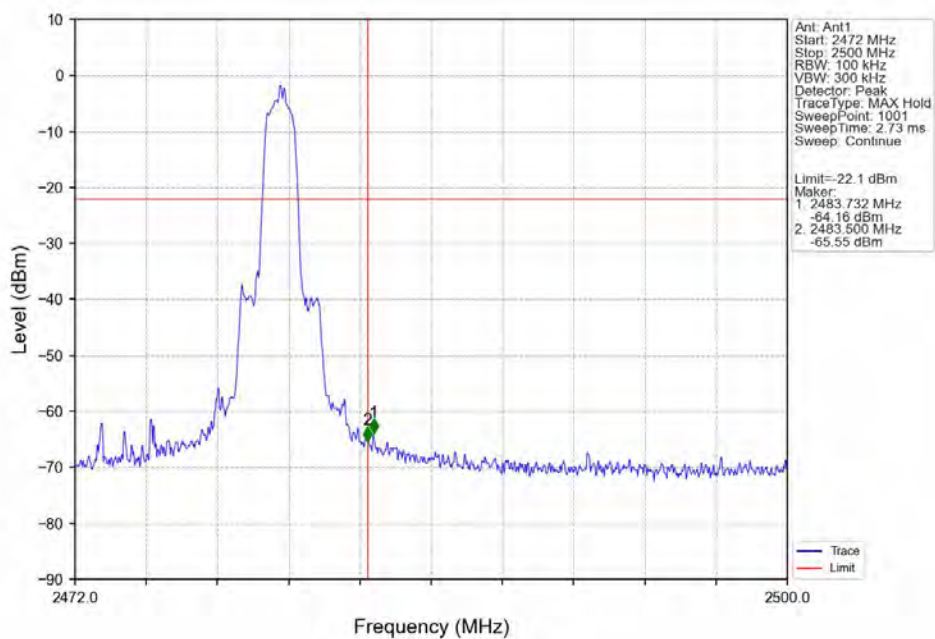
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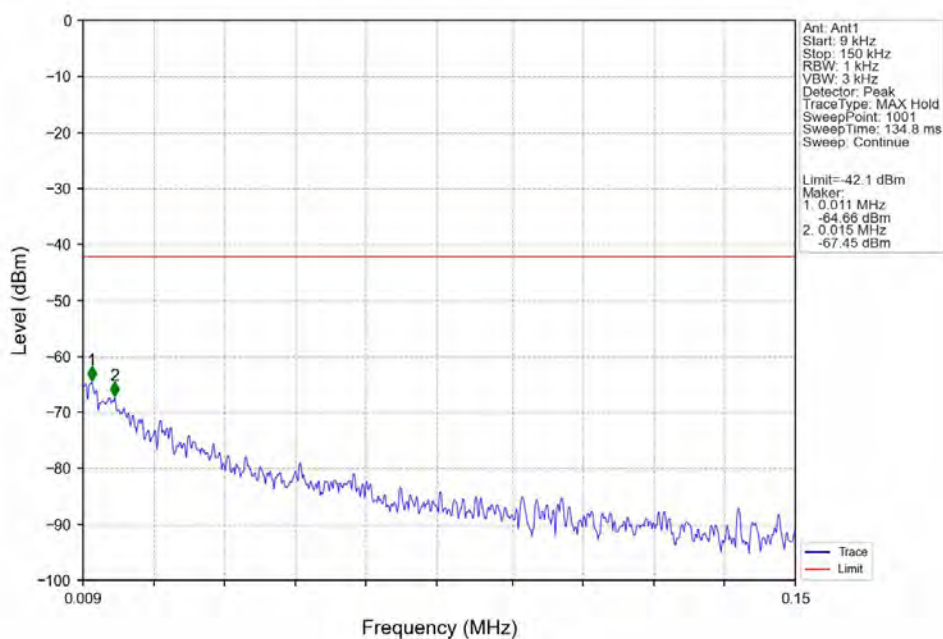
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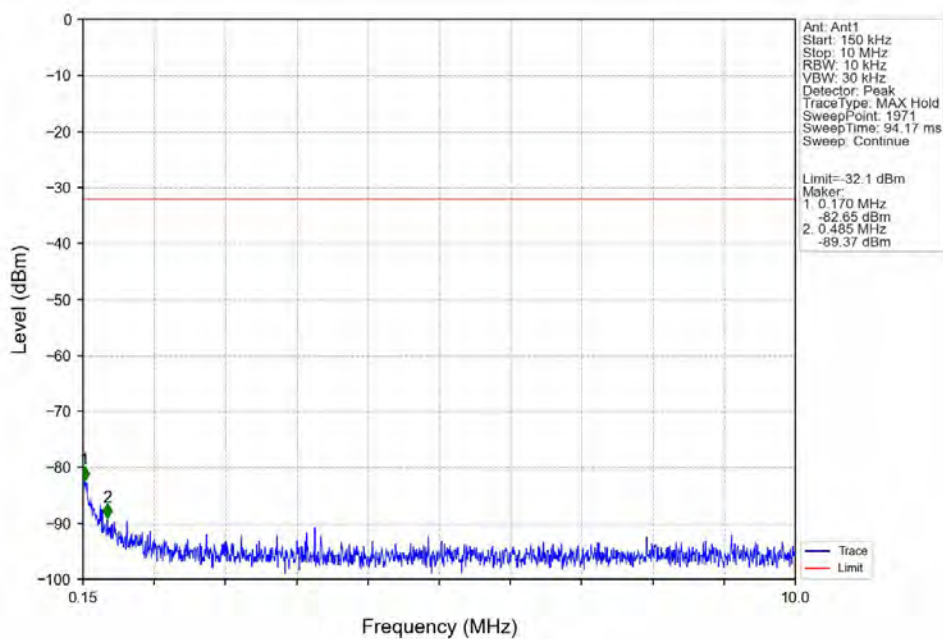
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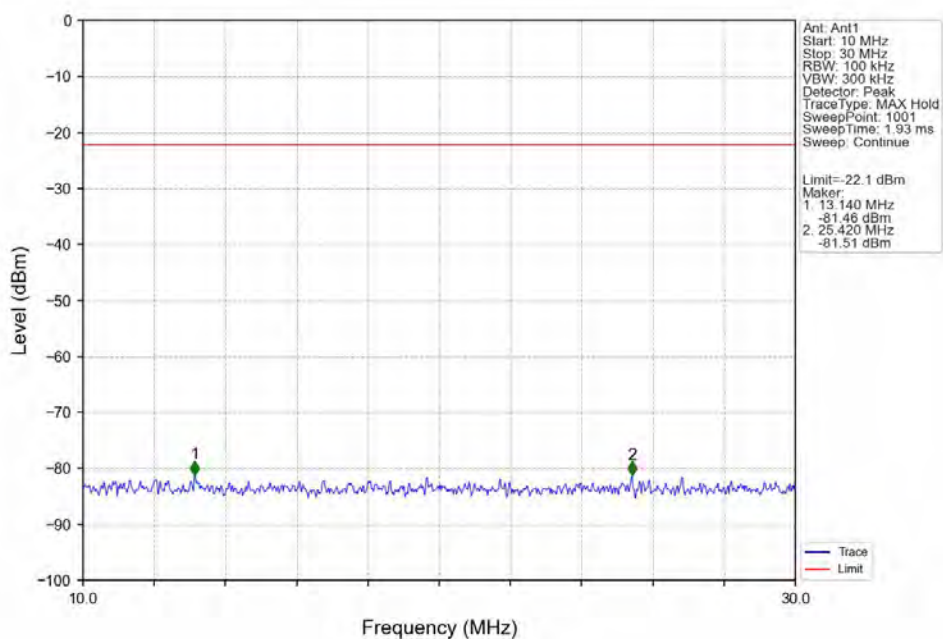
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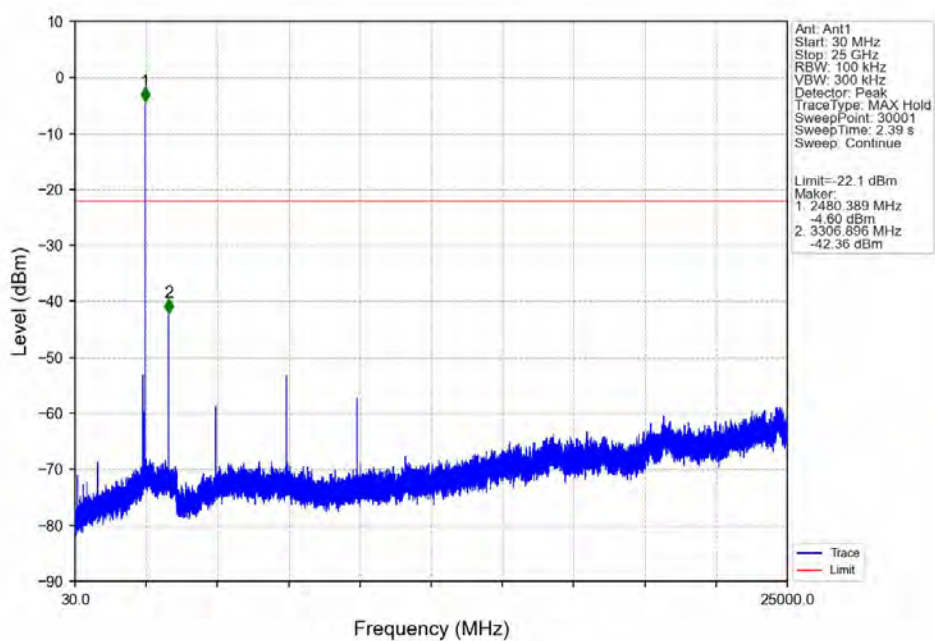
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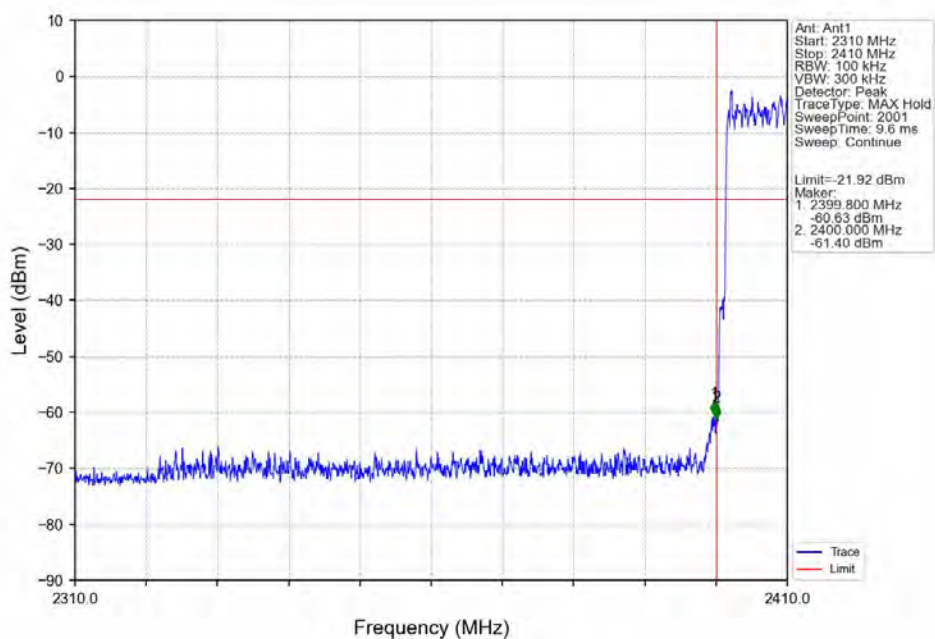
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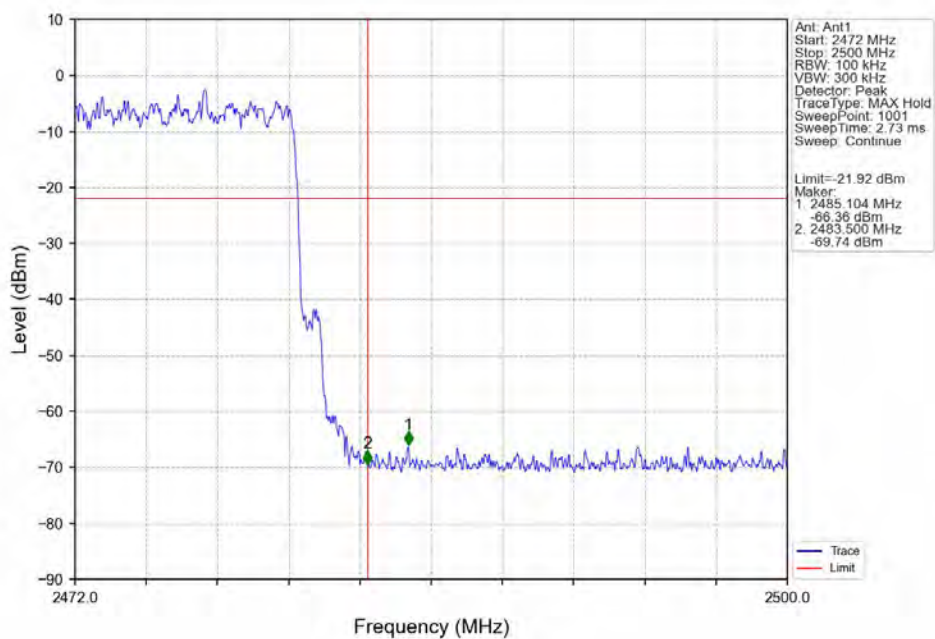
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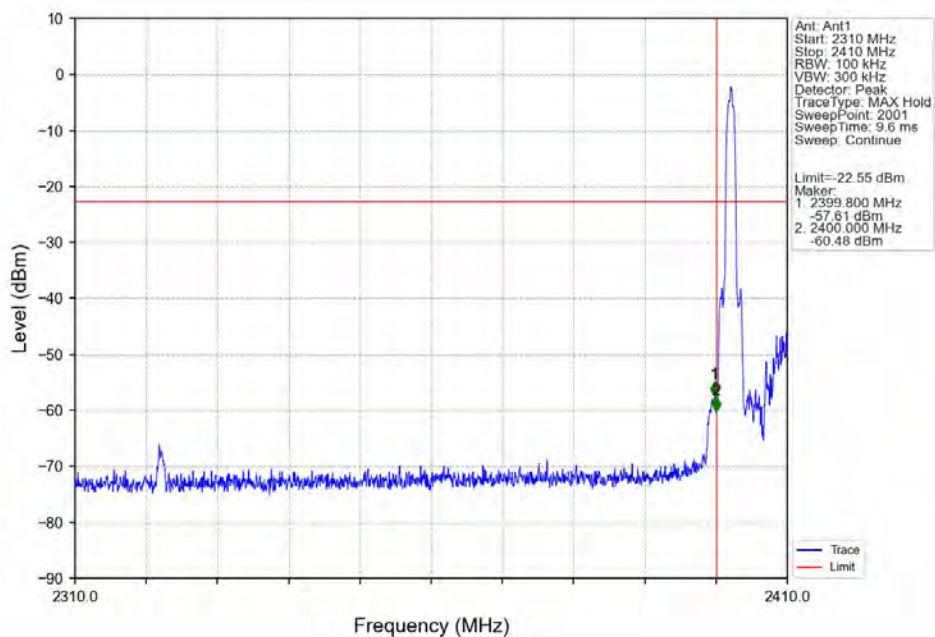
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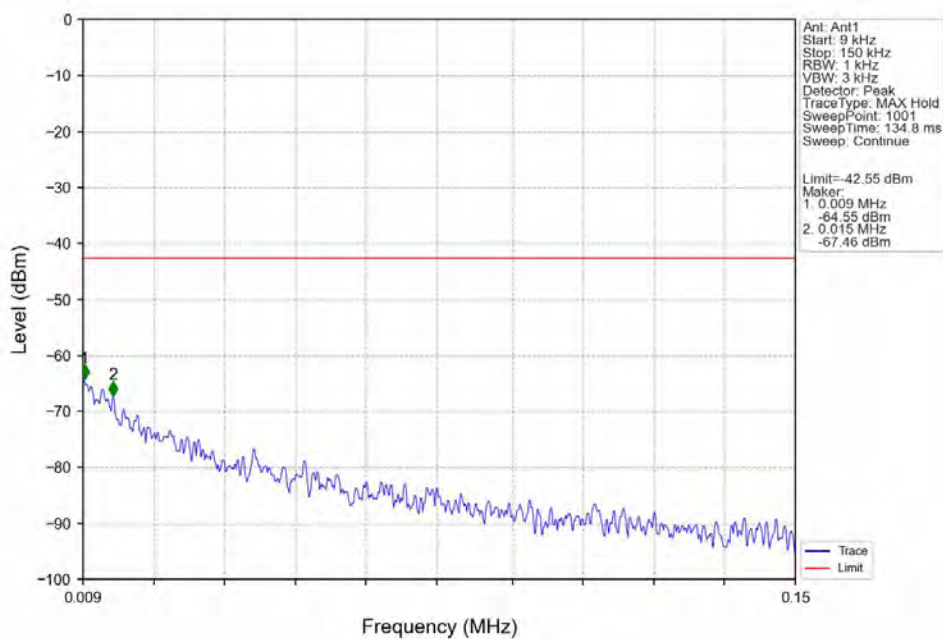
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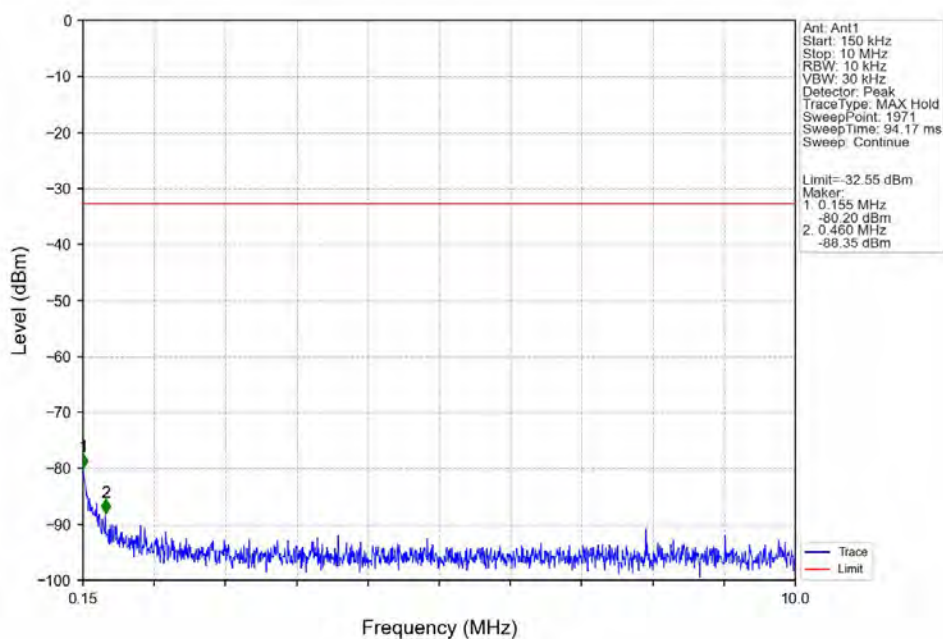
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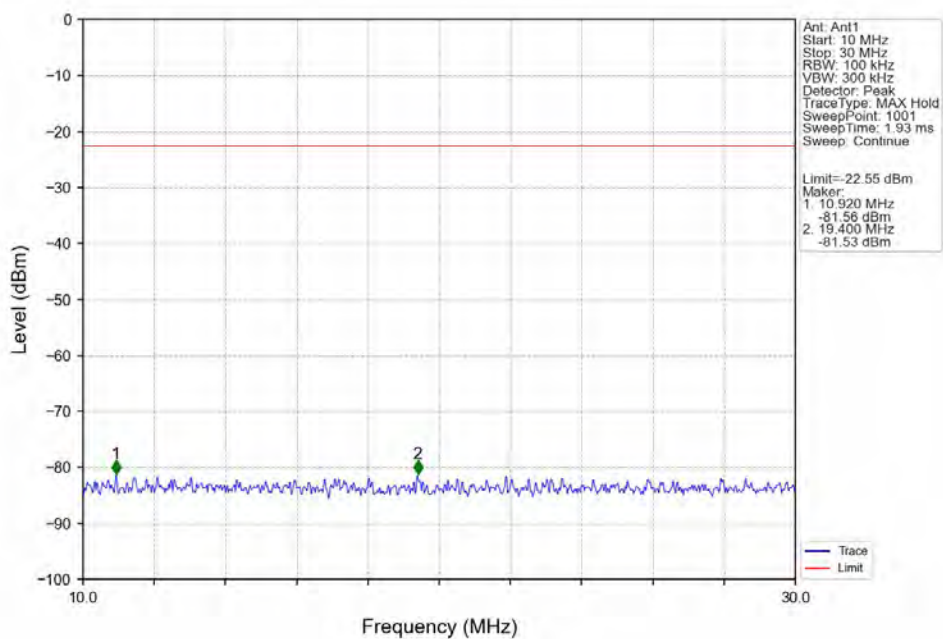
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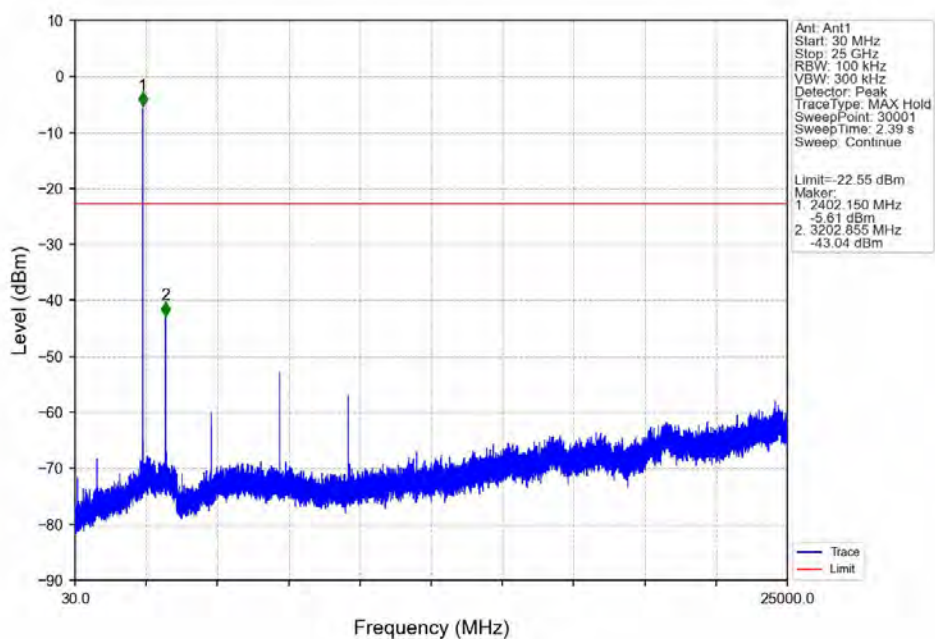
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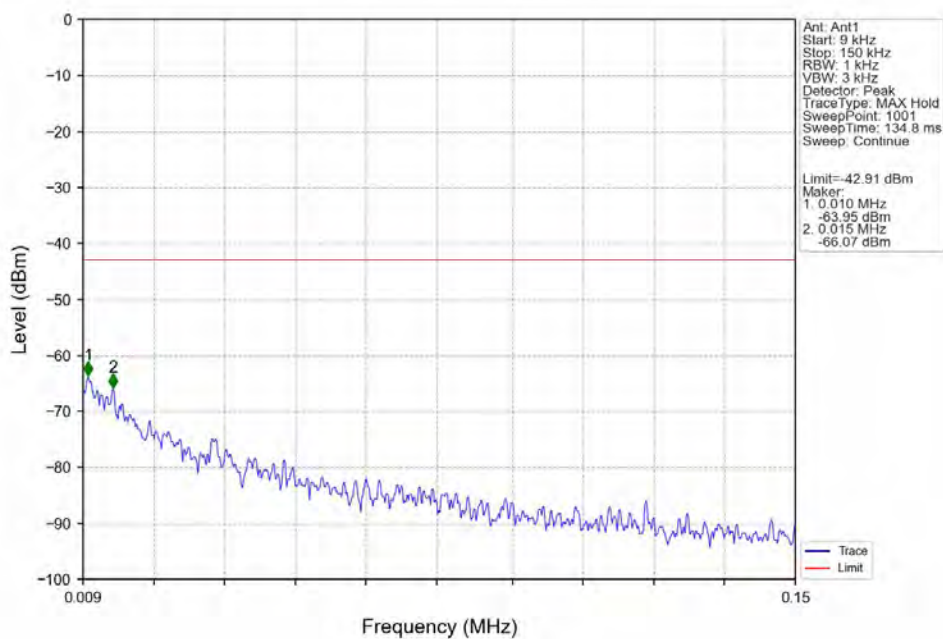
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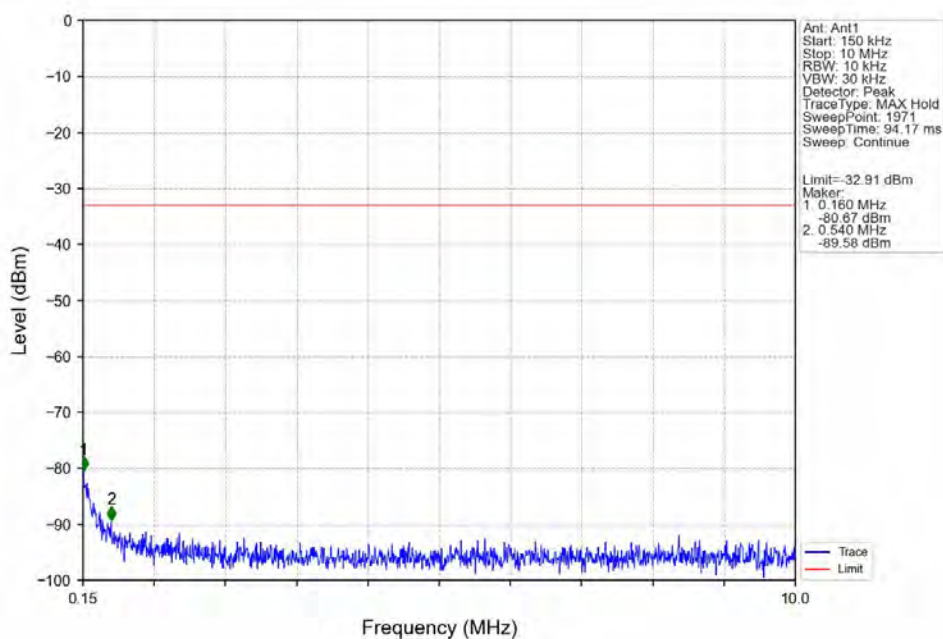
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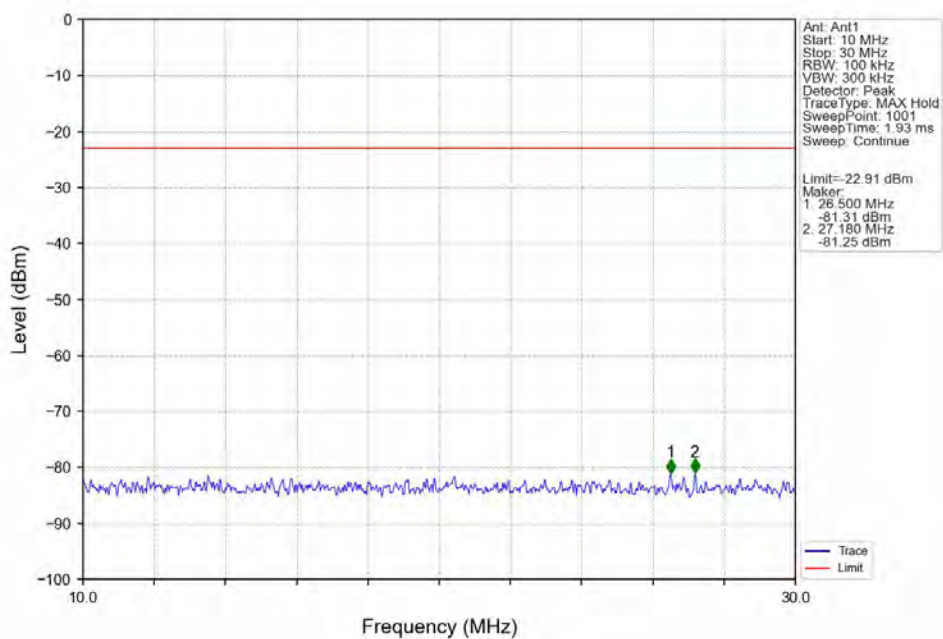
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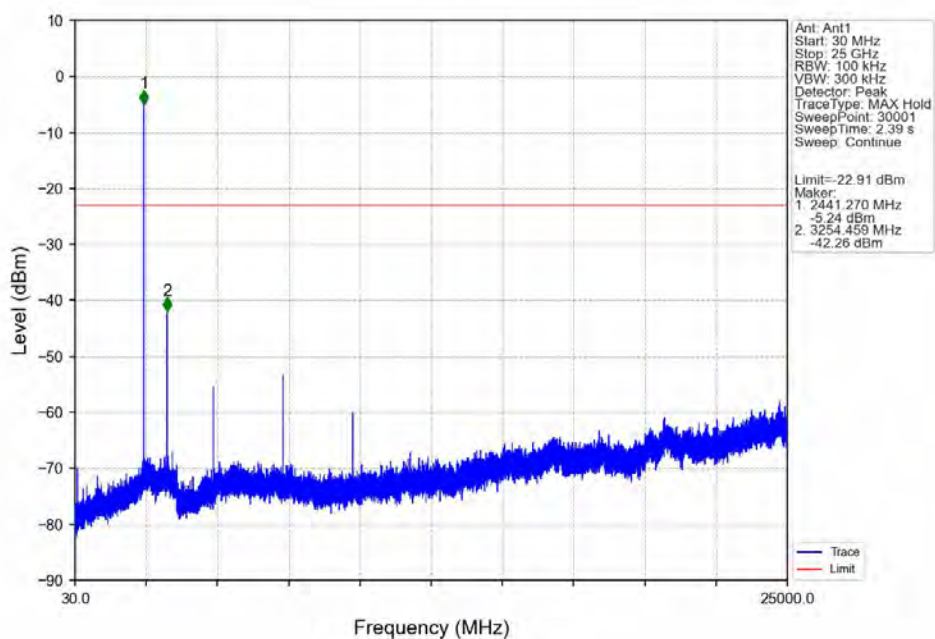
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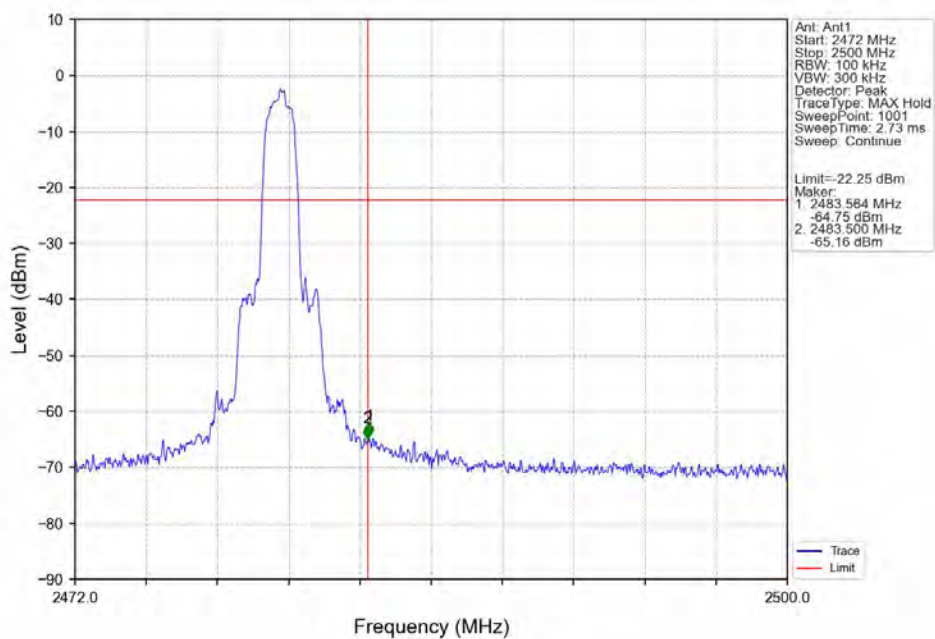
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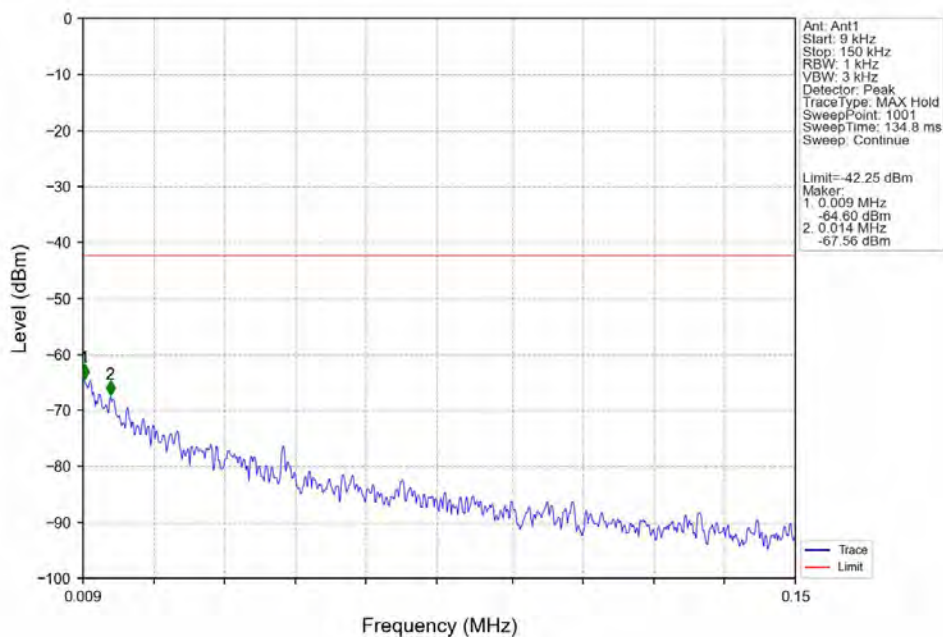
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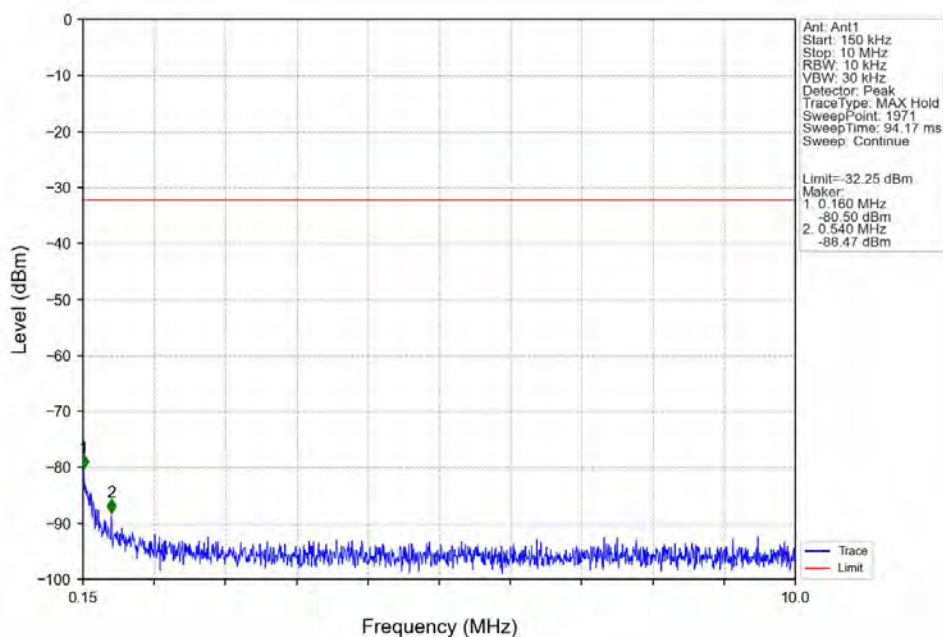
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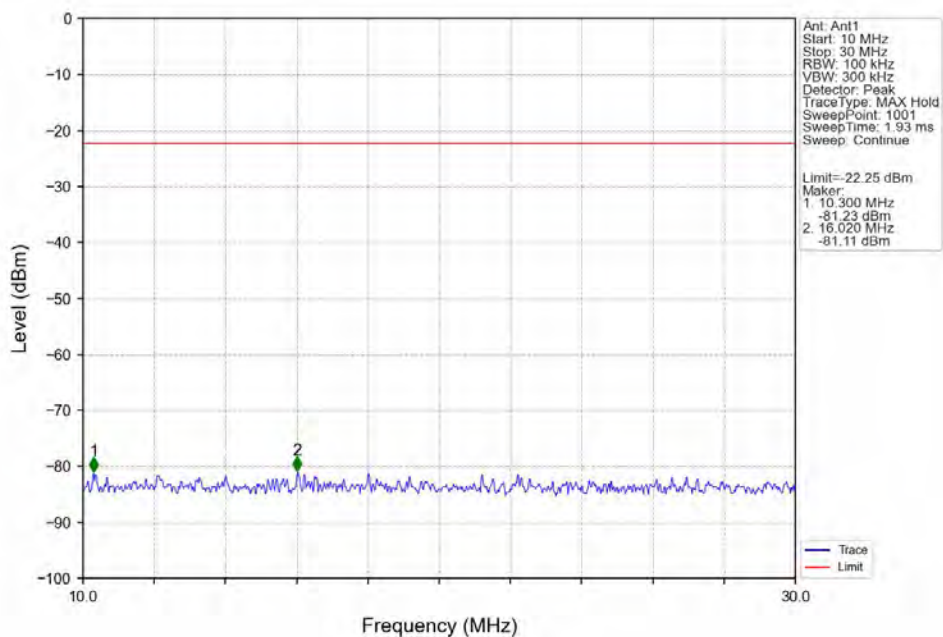
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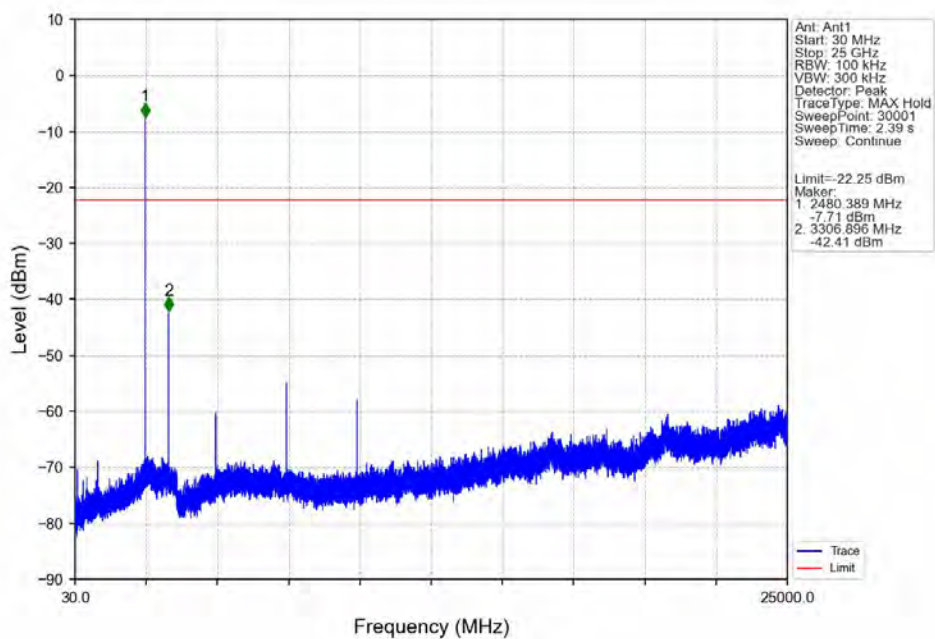
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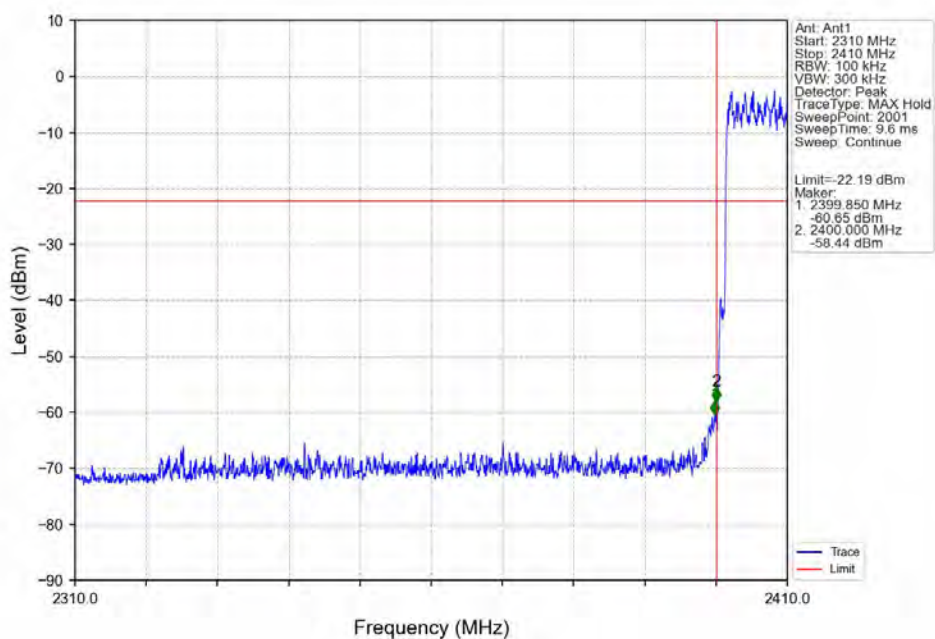
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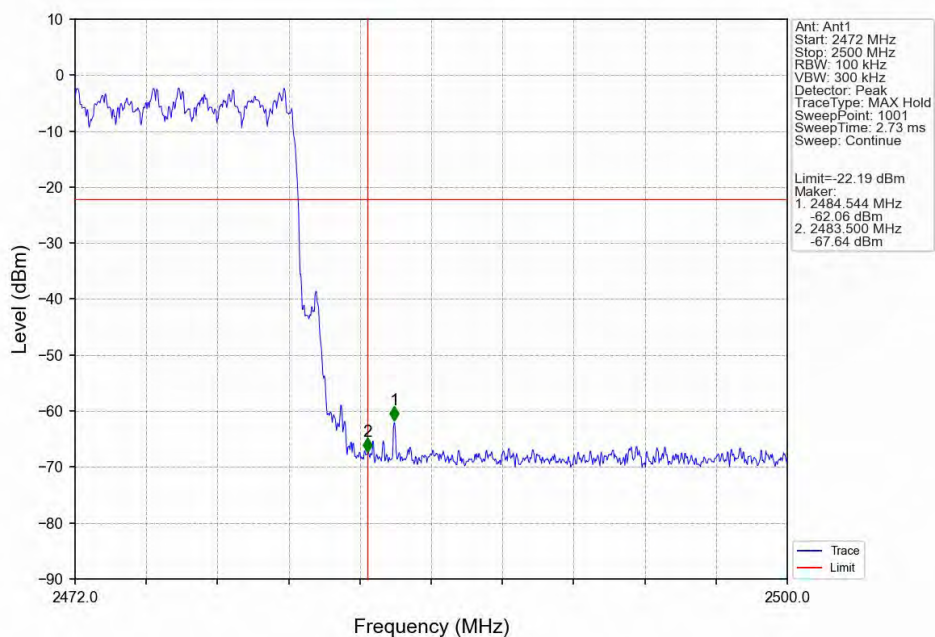
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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