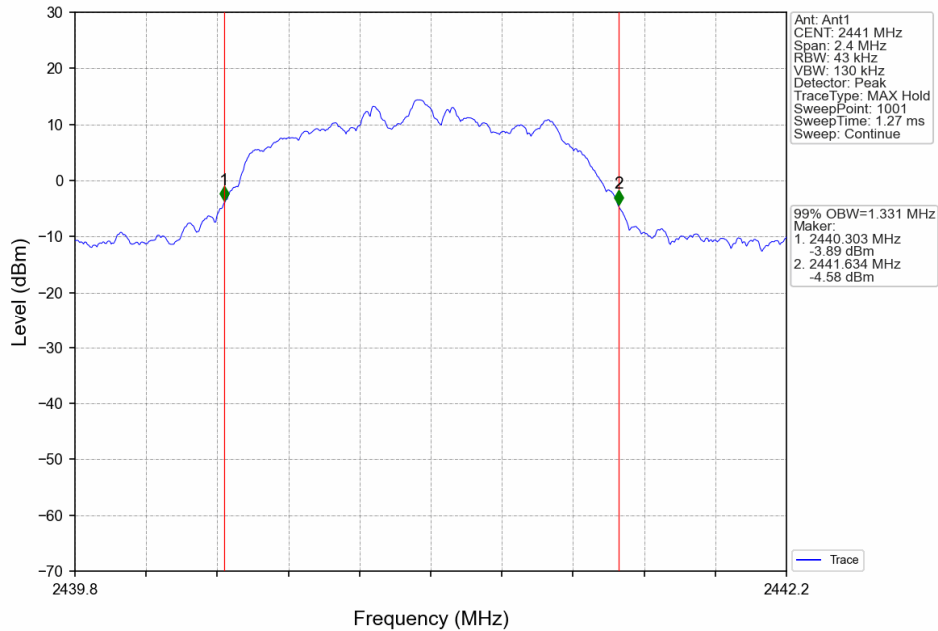
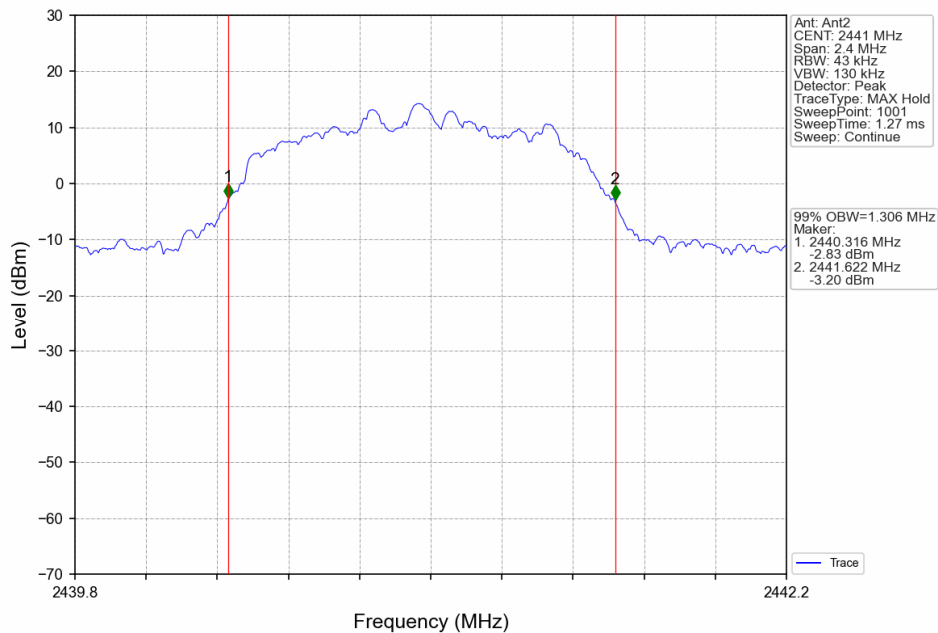


Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



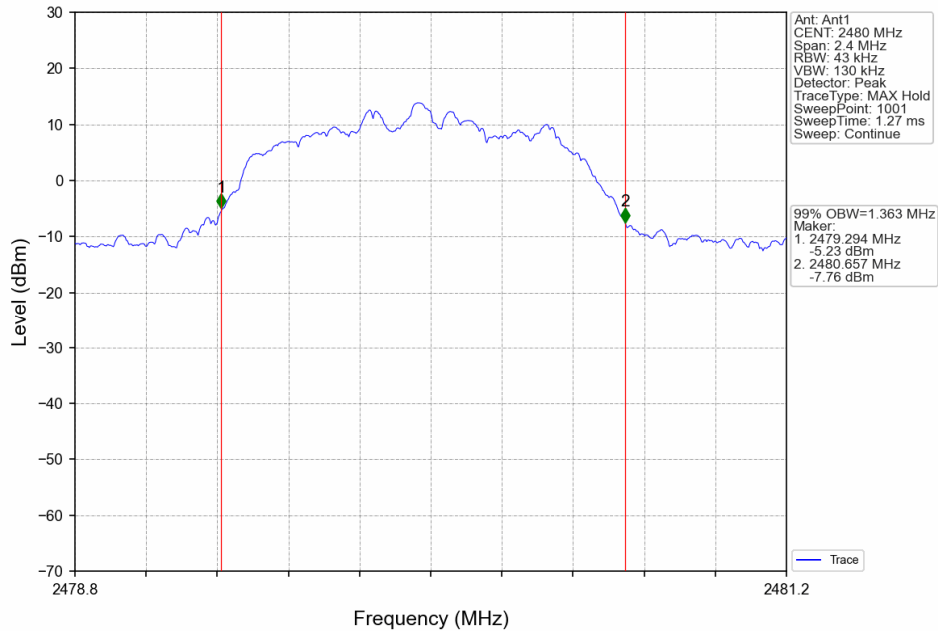
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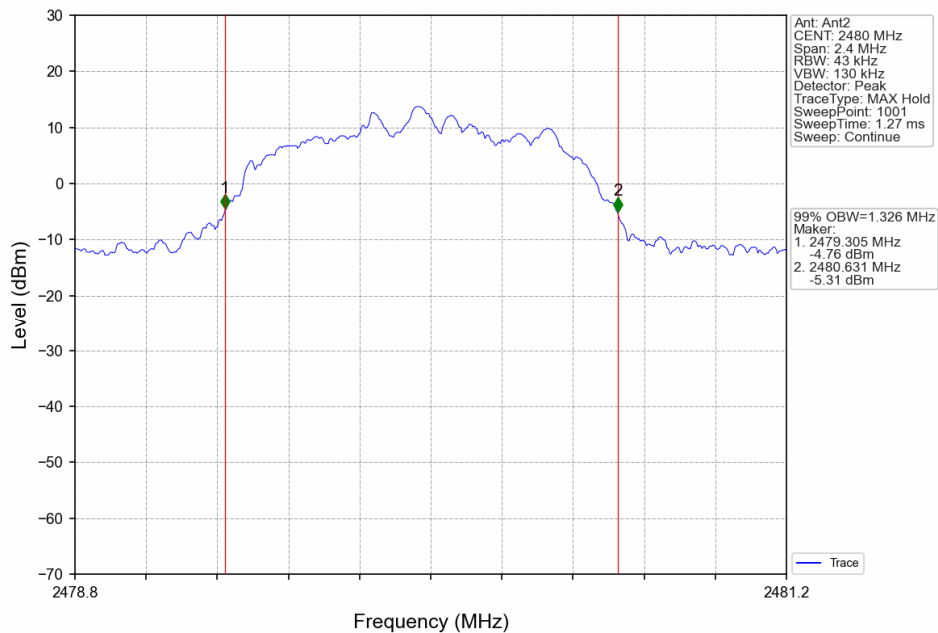
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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant2_NTNV



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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2.2 20dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.978	Pass
				2	0.976	Pass
		2441	DH5	1	0.975	Pass
				2	0.980	Pass
		2480	DH5	1	0.979	Pass
				2	0.974	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.337	Pass
				2	1.349	Pass
		2441	2DH5	1	1.352	Pass
				2	1.361	Pass
		2480	2DH5	1	1.346	Pass
				2	1.337	Pass



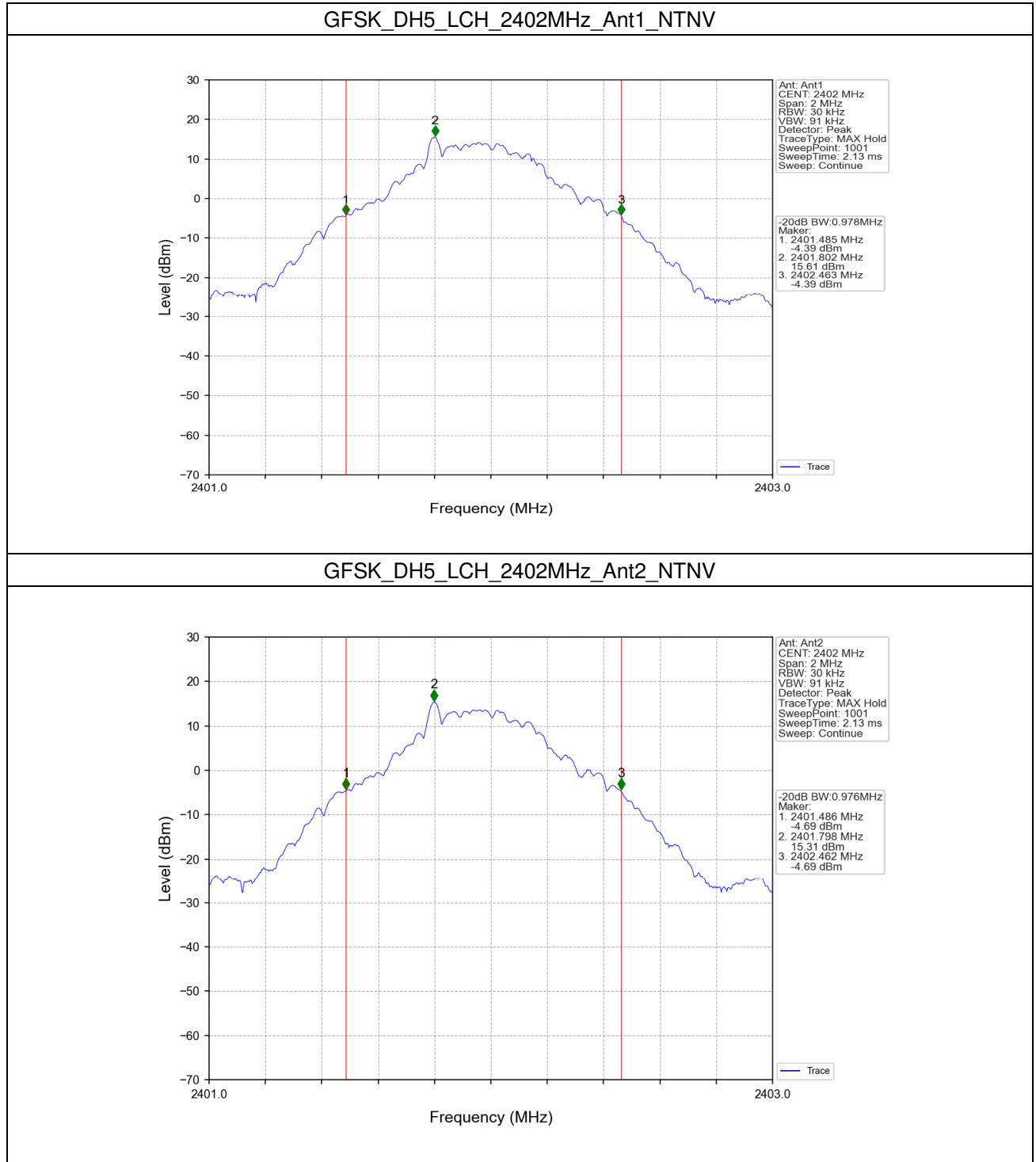
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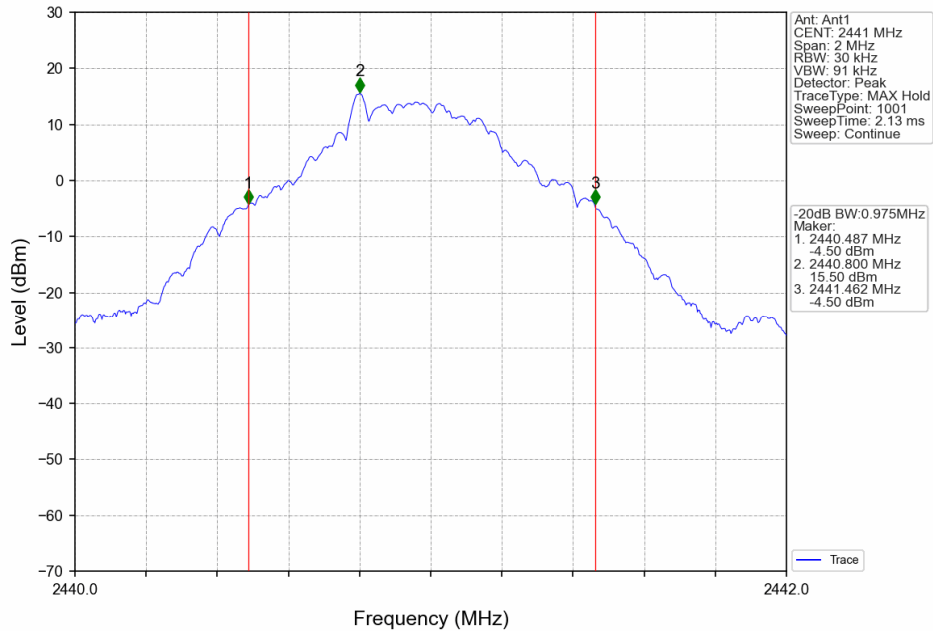
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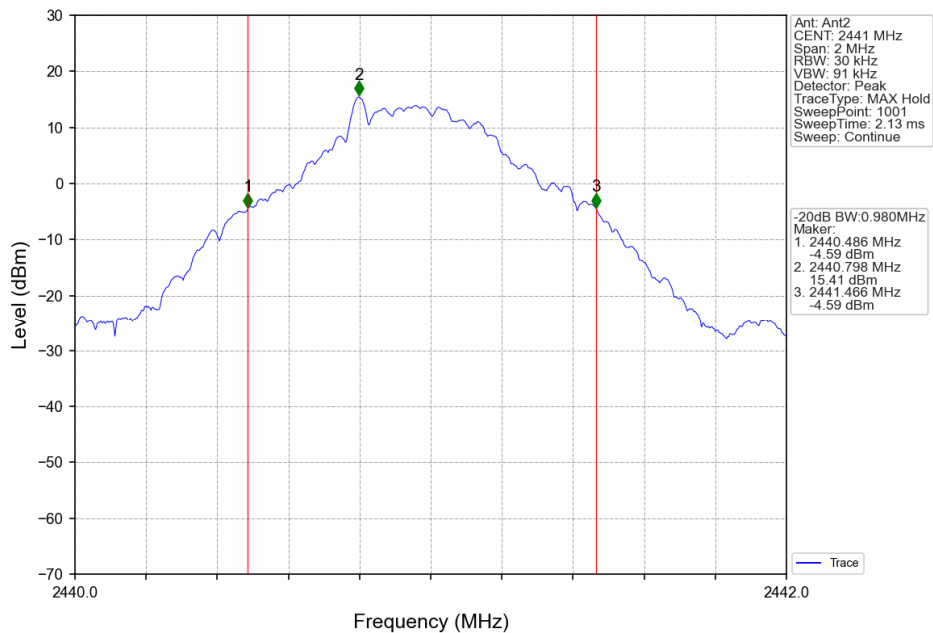
2.2.2 Test Graph



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



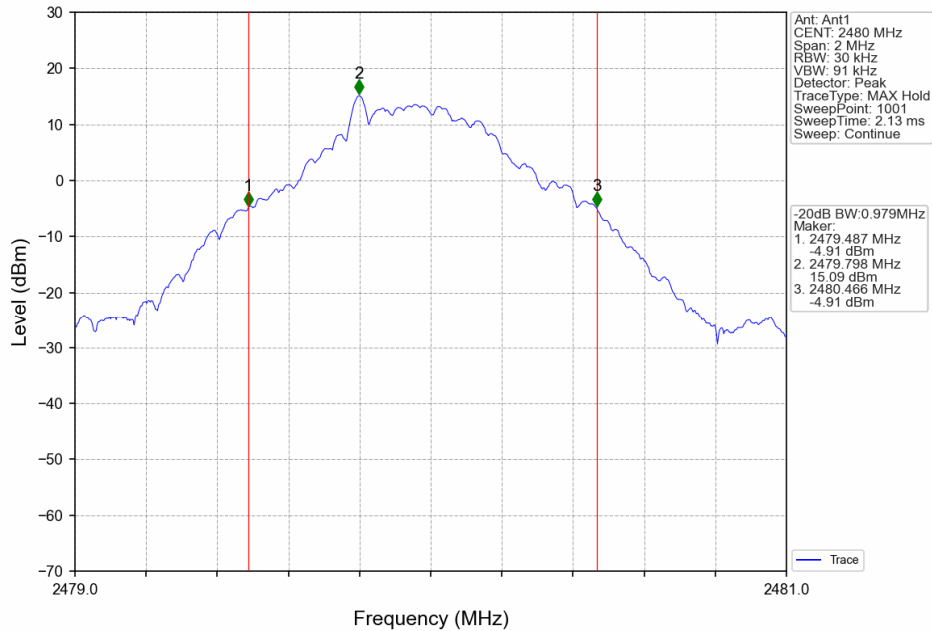
GFSK_DH5_MCH_2441MHz_Ant2_NTNV



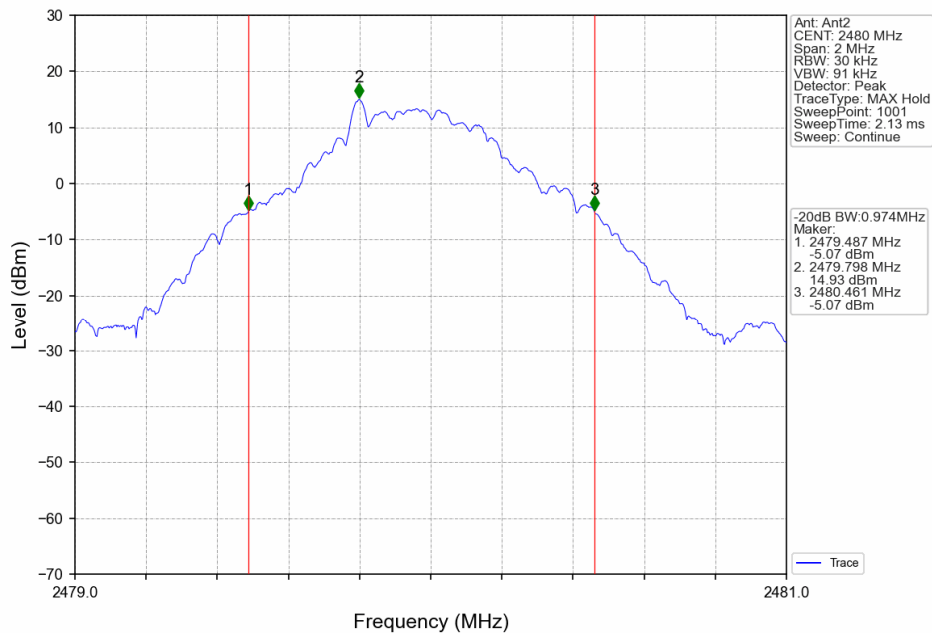
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



GFSK_DH5_HCH_2480MHz_Ant2_NTNV



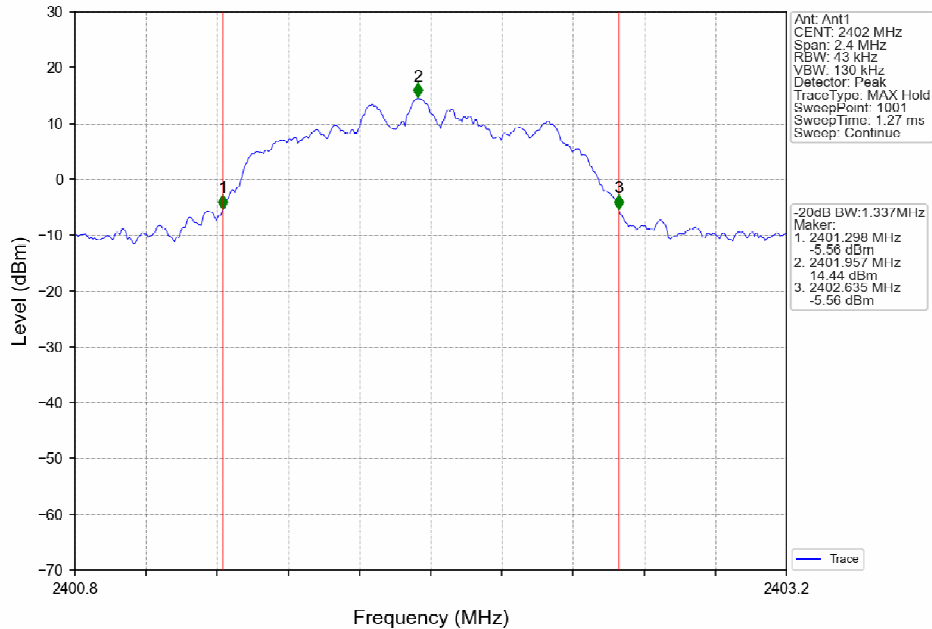
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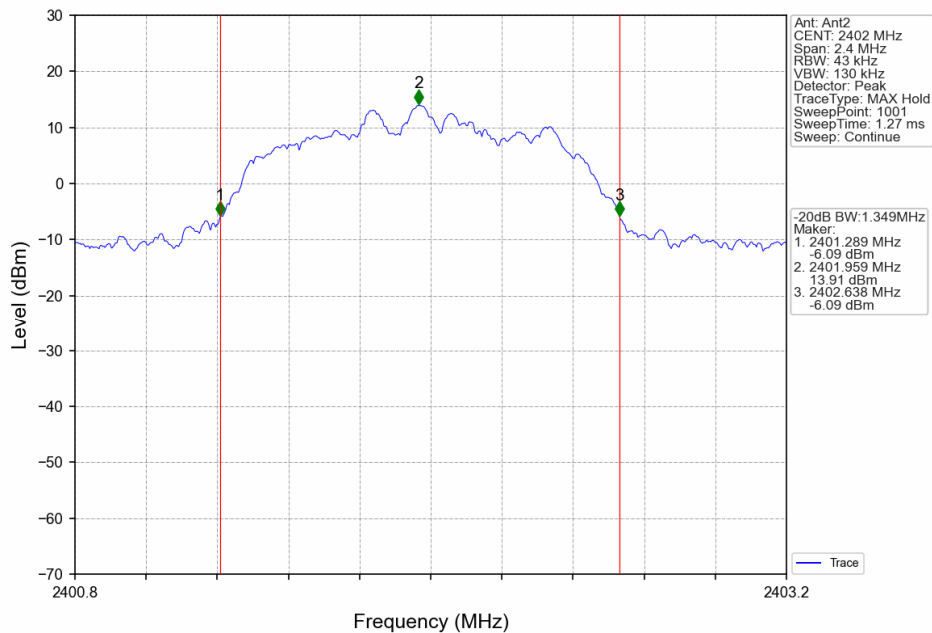
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Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant2_NTNV



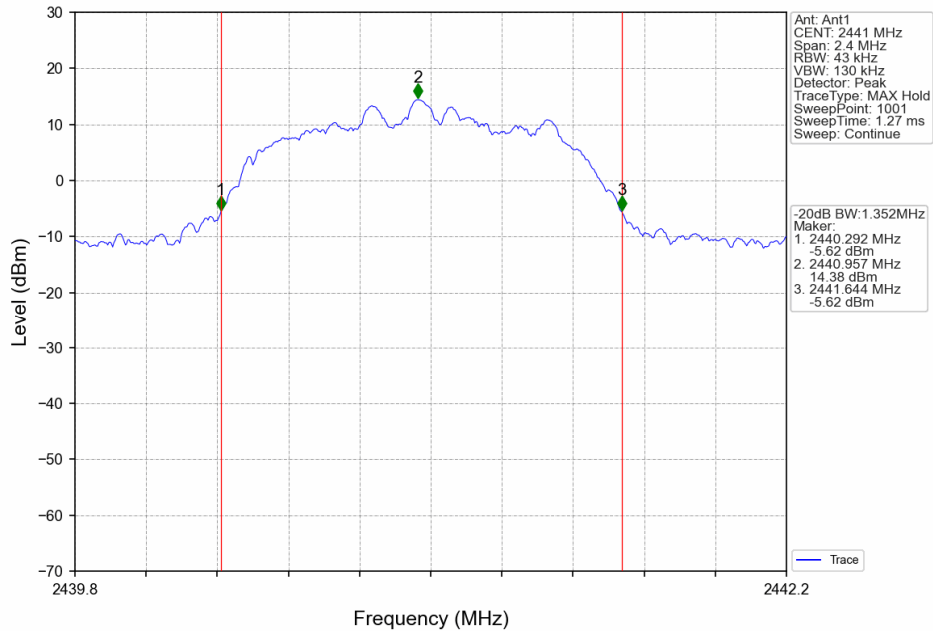
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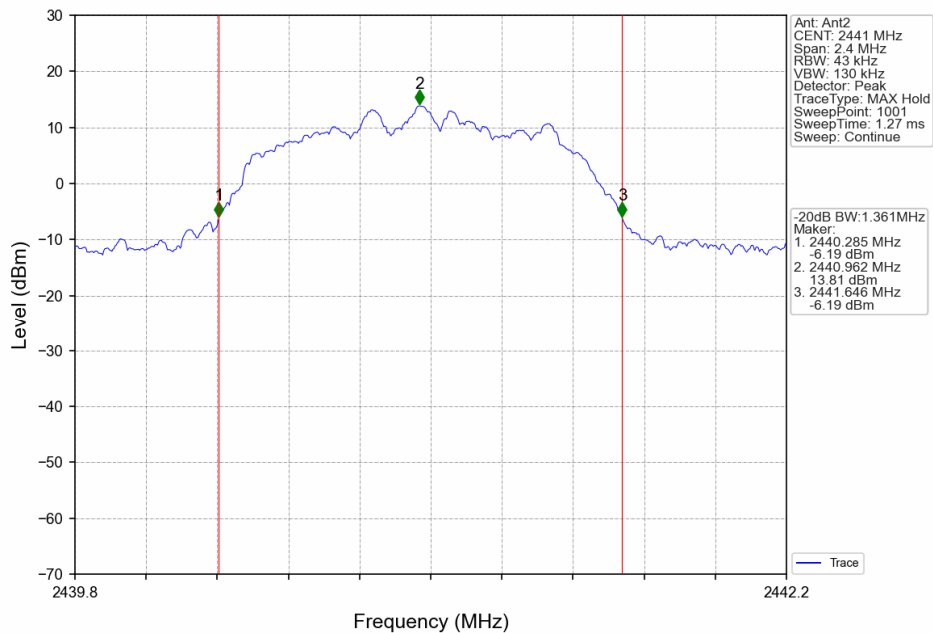
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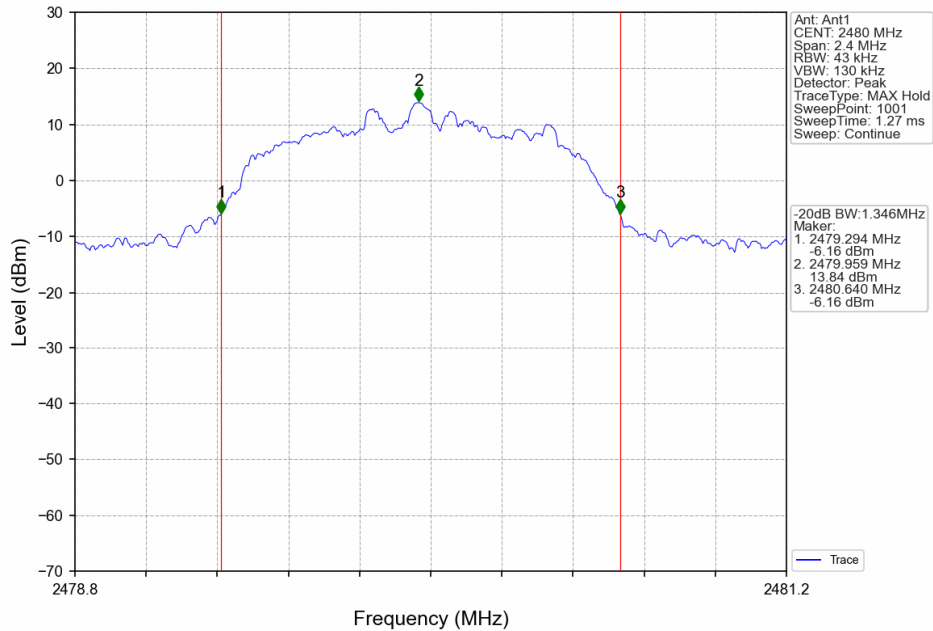
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



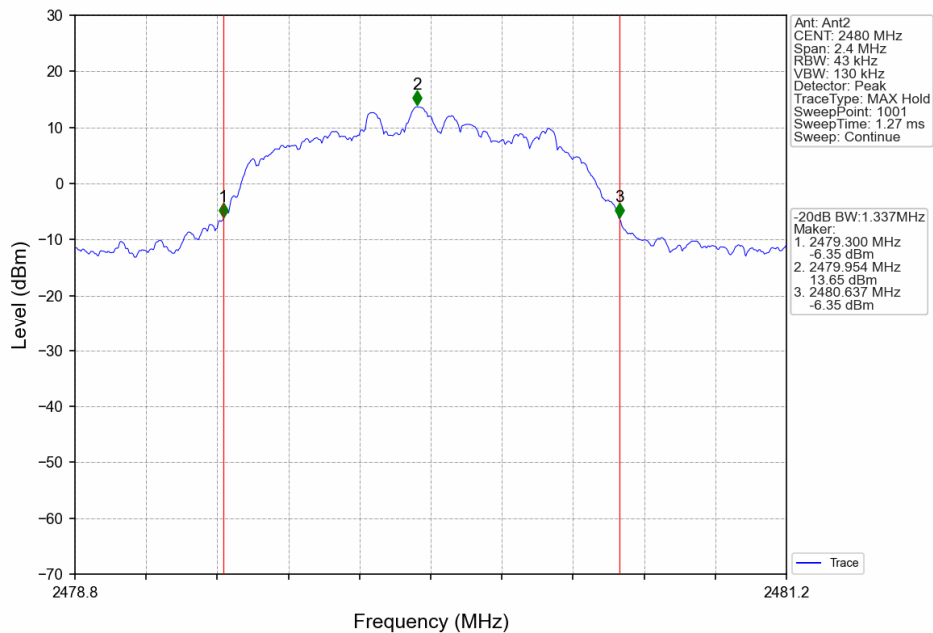
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant2_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant2_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	Limit	
GFSK	SISO	2402	DH5	5.67	5.71	<=30	Pass
		2441	DH5	6.91	6.93	<=30	Pass
		2480	DH5	5.38	5.28	<=30	Pass
Pi/4DQPSK	SISO	2402	2DH5	5.74	5.75	<=20.97	Pass
		2441	2DH5	6.97	7.00	<=20.97	Pass
		2480	2DH5	5.45	5.36	<=20.97	Pass

4. Carrier Frequency Separation

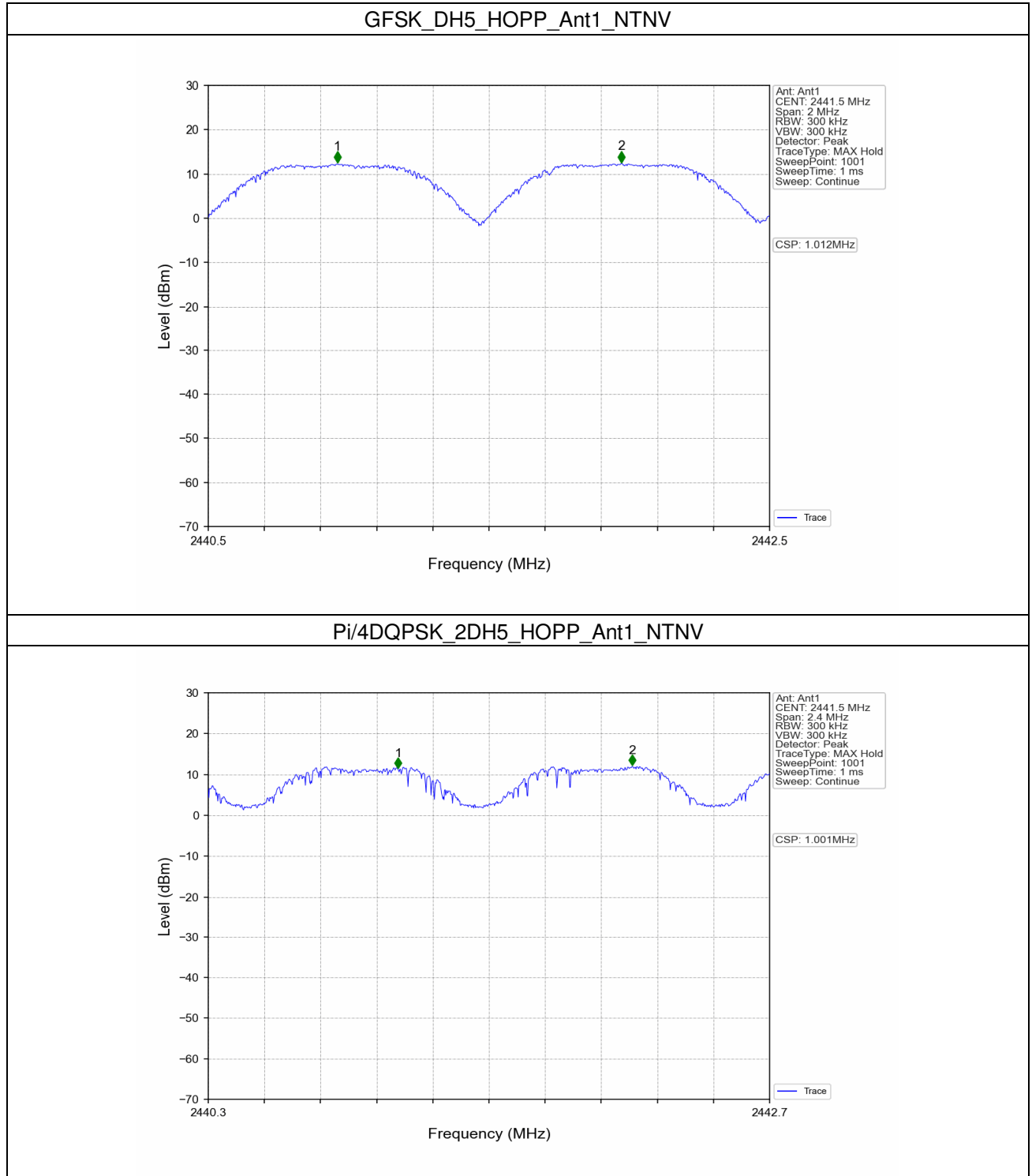
4.1 Ant1

4.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.012	0.980	>=0.98	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.361	>=0.907	Pass



4.1.2 Test Graph



5. Number of Hopping Frequencies

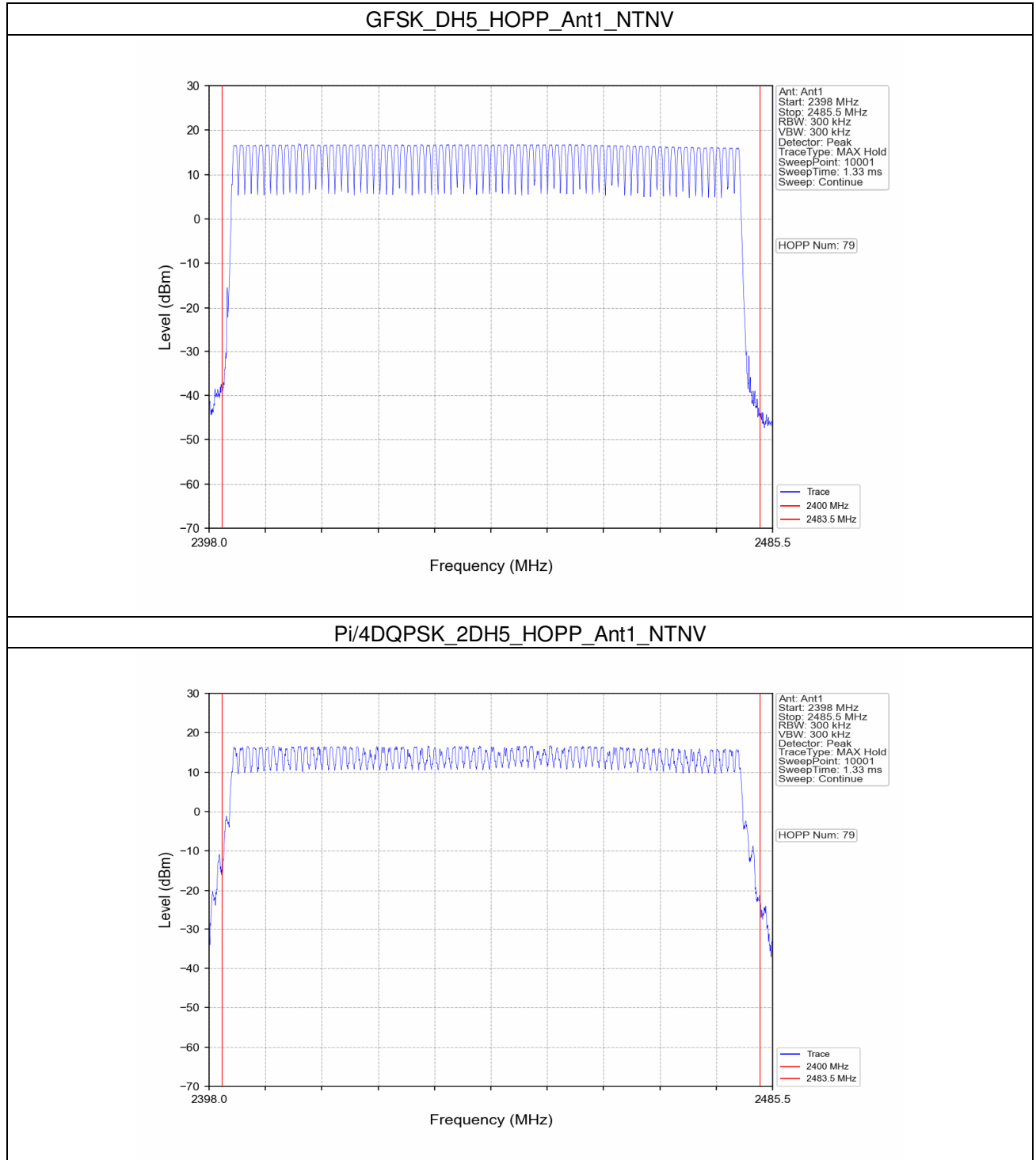
5.1 HoppNum

5.1.1 Test Result

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



5.1.2 Test Graph



6. Time of Occupancy (Dwell Time)

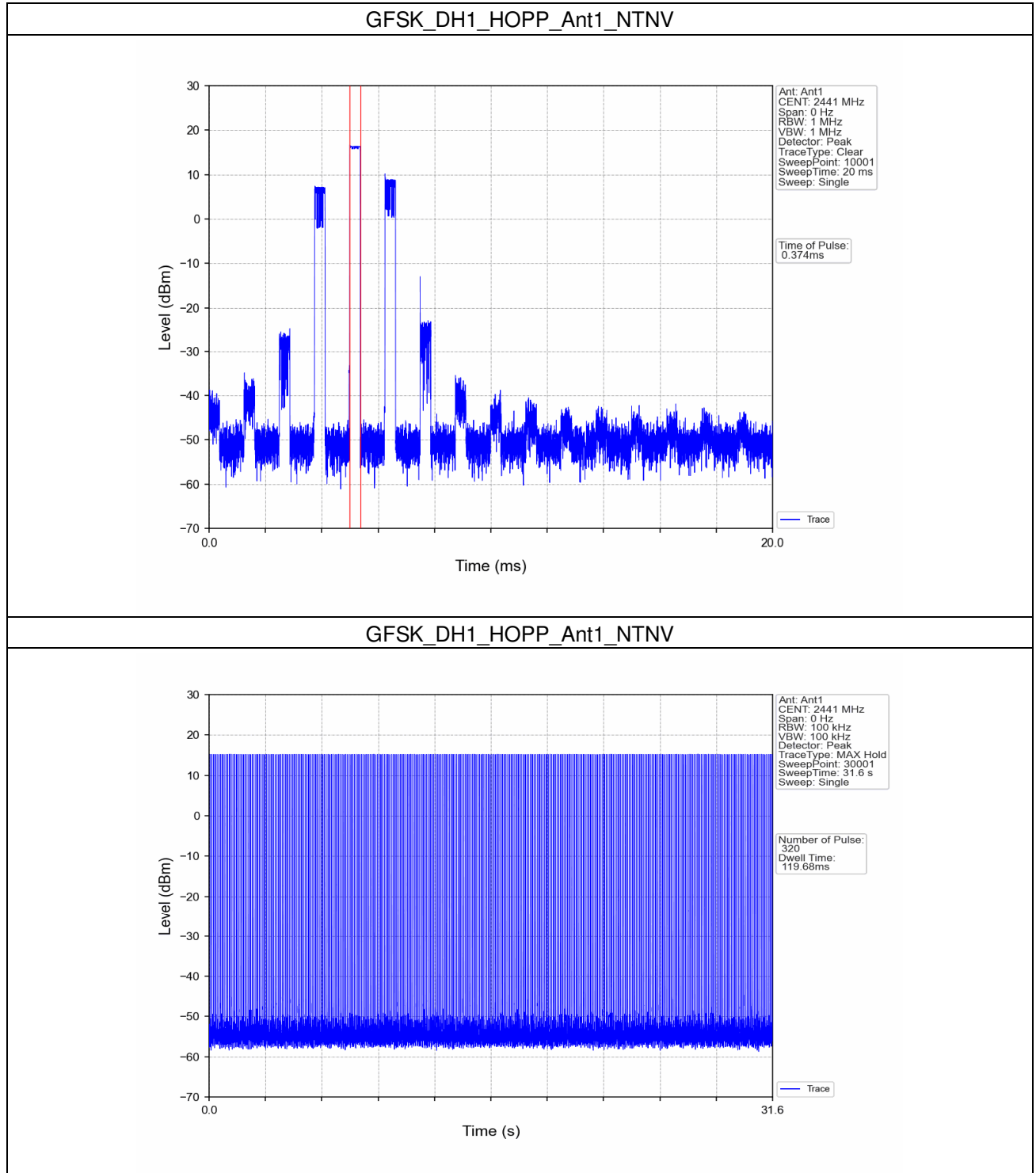
6.1 Ant1

6.1.1 Test Result

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	0.374	31.600	320	119.680	<=400	Pass
			DH3	1.624	31.600	160	259.840	<=400	Pass
			DH5	2.898	31.600	107	310.086	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.382	31.600	320	122.240	<=400	Pass
			2DH3	1.636	31.600	160	261.760	<=400	Pass
			2DH5	2.884	31.600	107	308.588	<=400	Pass



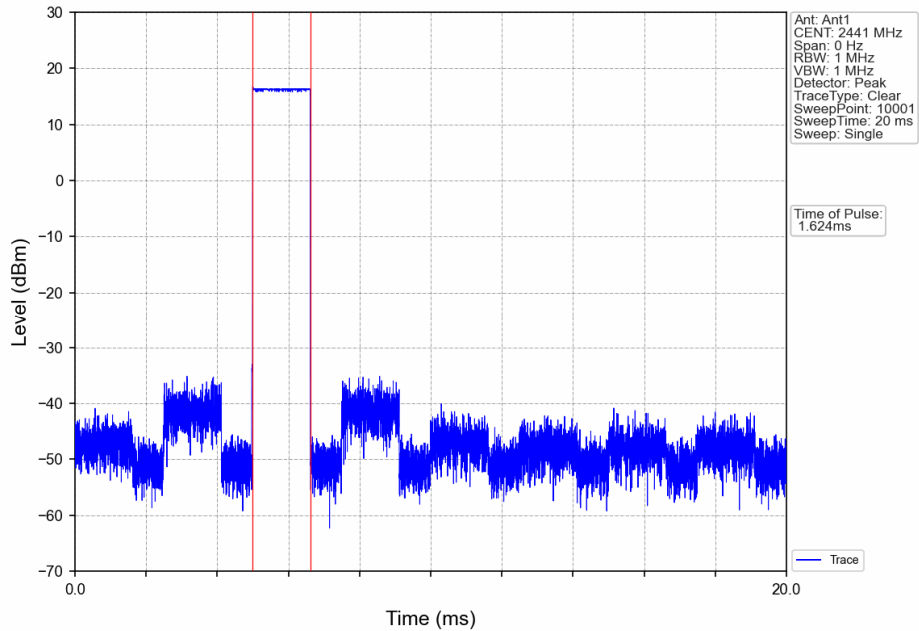
6.1.2 Test Graph



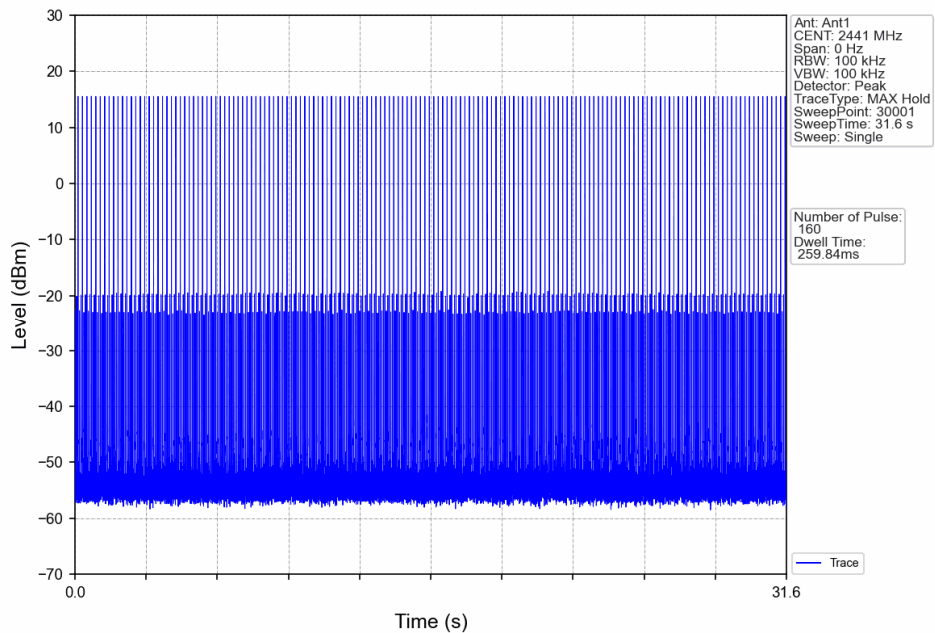
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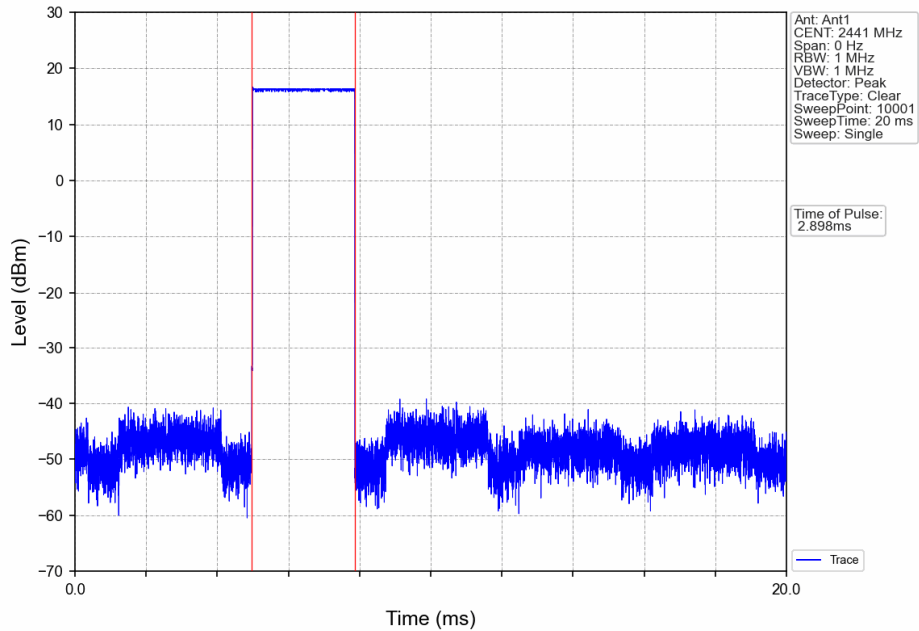
GFSK_DH3_HOPP_Ant1_NTNV



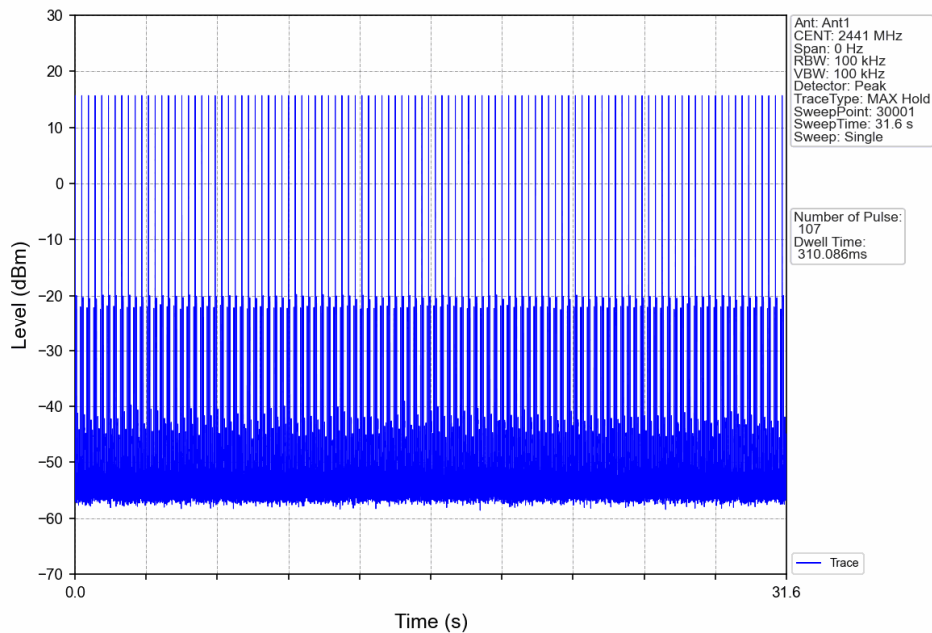
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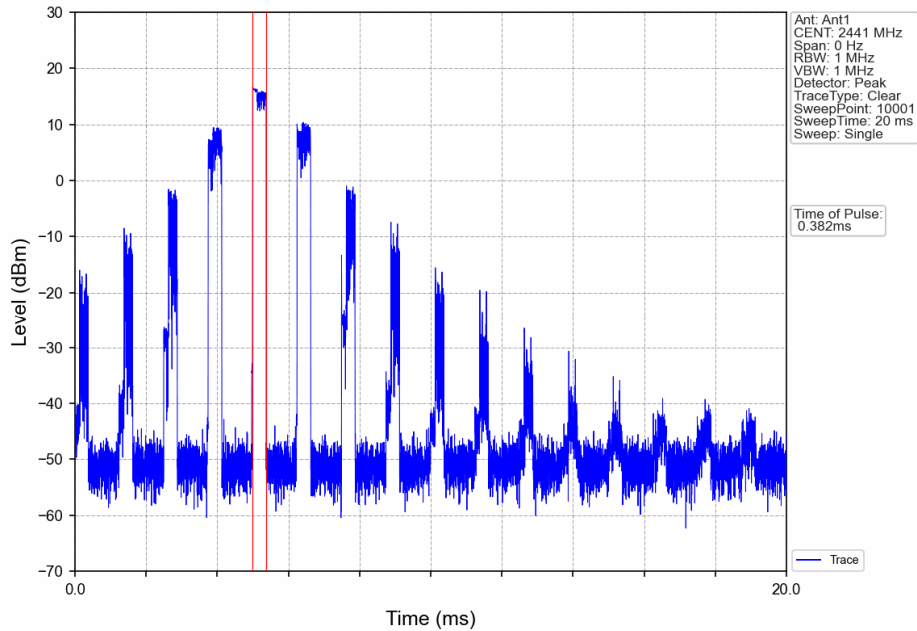
GFSK_DH5_HOPP_Ant1_NTNV



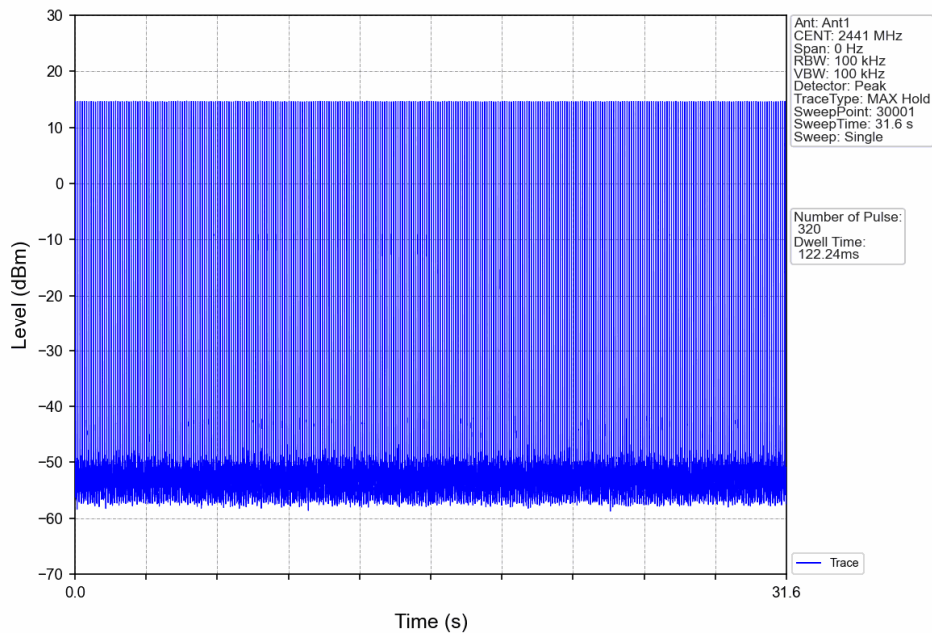
GFSK_DH5_HOPP_Ant1_NTNV



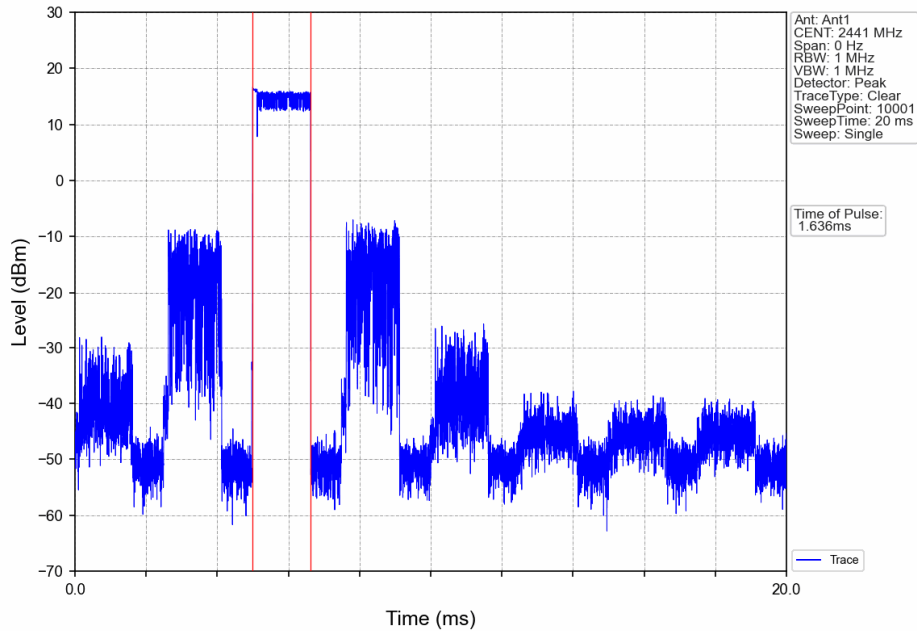
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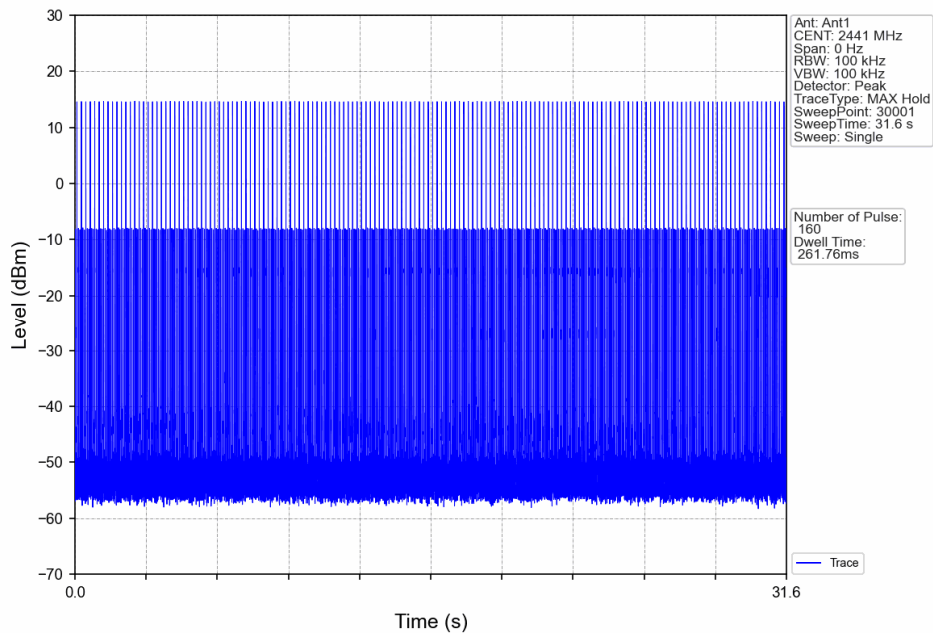
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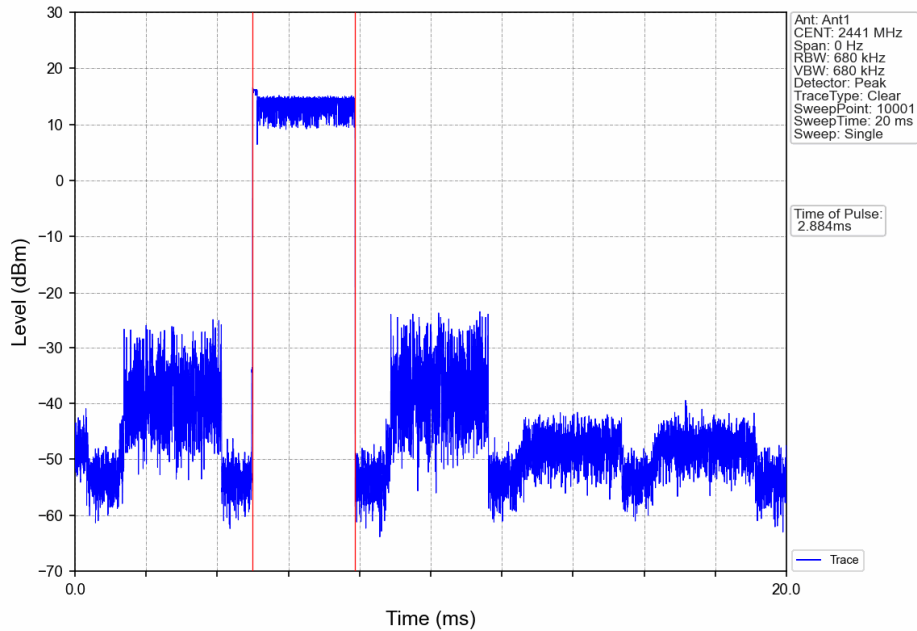
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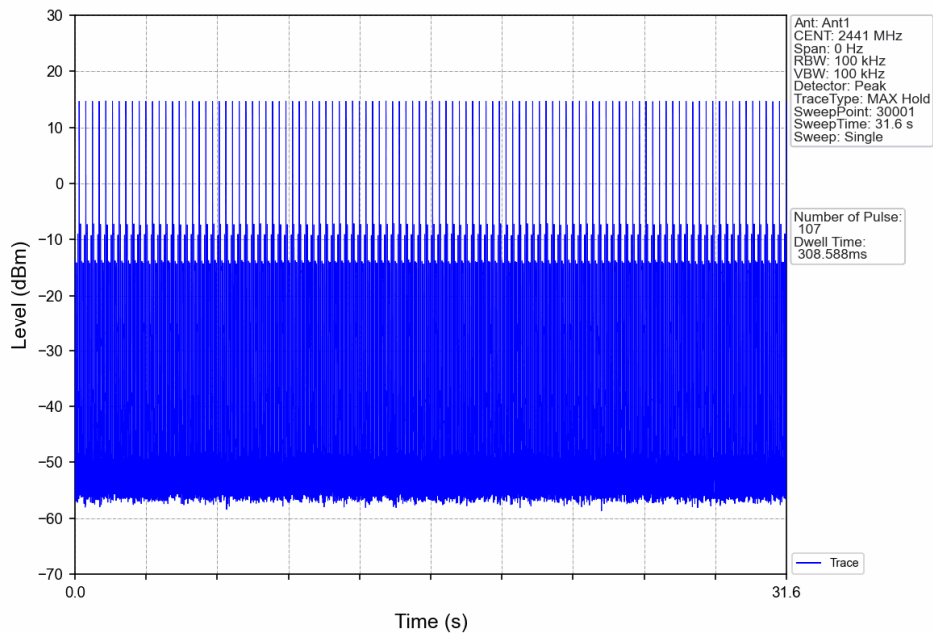
Pi/4DQPSK_2DH3_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



7. Unwanted Emissions In Non-restricted Frequency Bands

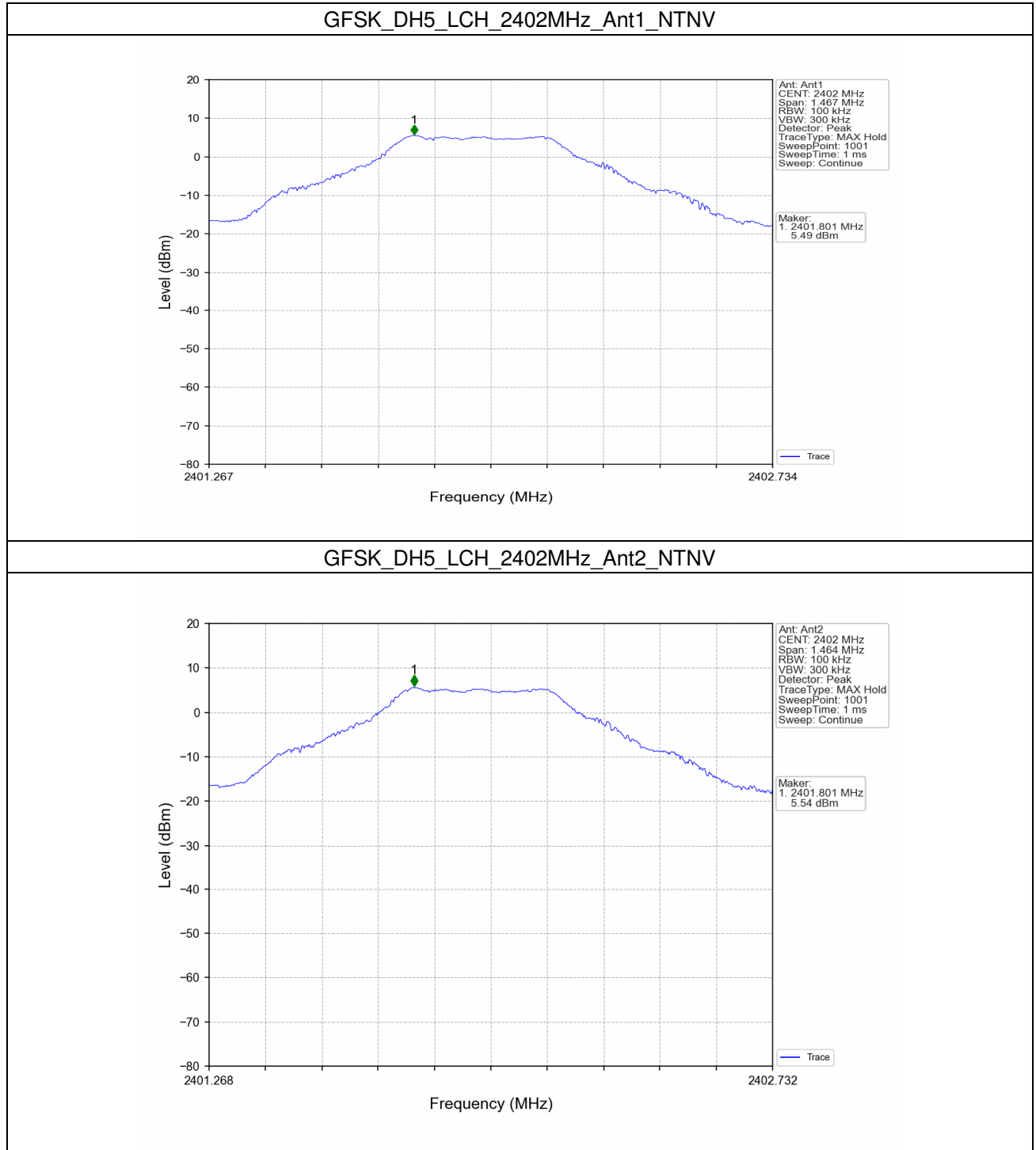
7.1 Ref

7.1.1 Test Result

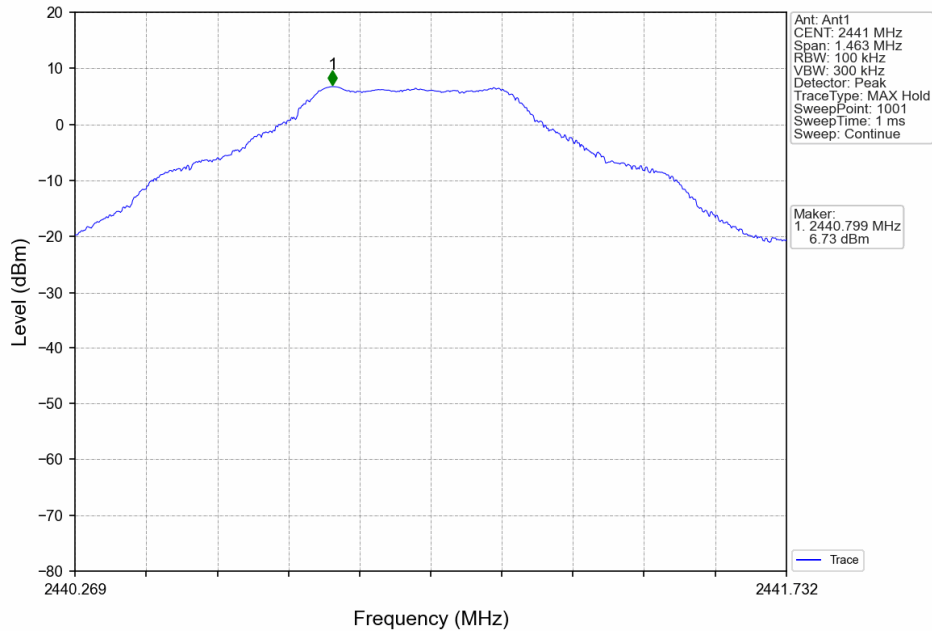
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	5.49
				2	5.54
		2441	DH5	1	6.73
				2	6.74
		2480	DH5	1	5.23
				2	5.14
Pi/4DQPSK	SISO	2402	2DH5	1	5.17
				2	5.37
		2441	2DH5	1	6.55
				2	6.55
		2480	2DH5	1	5.02
				2	4.85



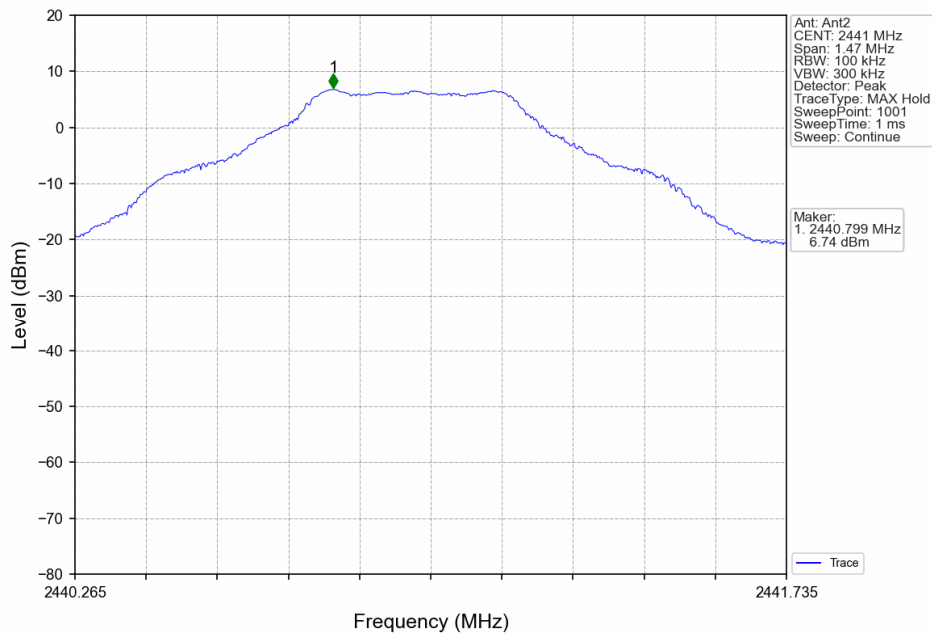
7.1.2 Test Graph



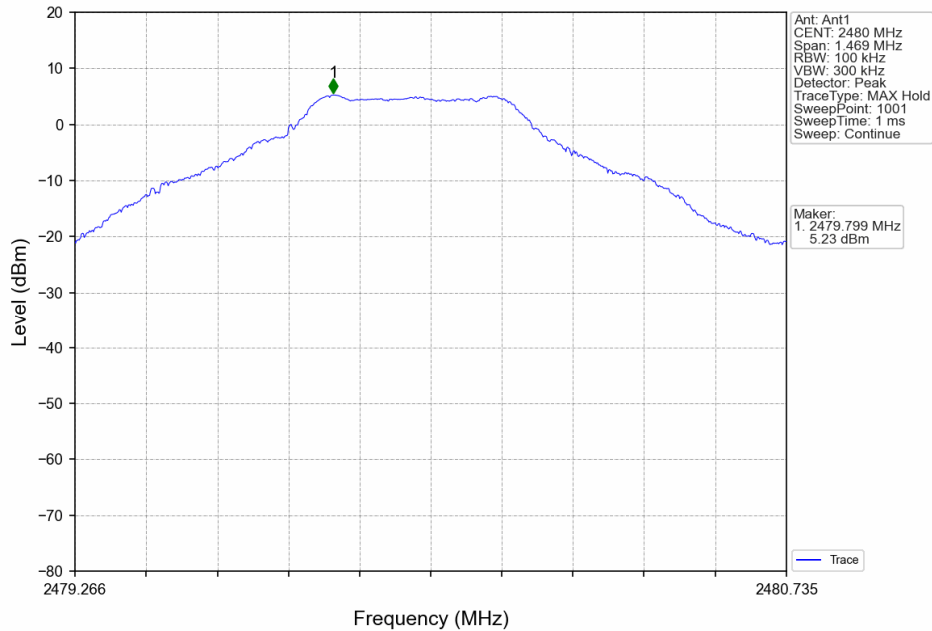
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



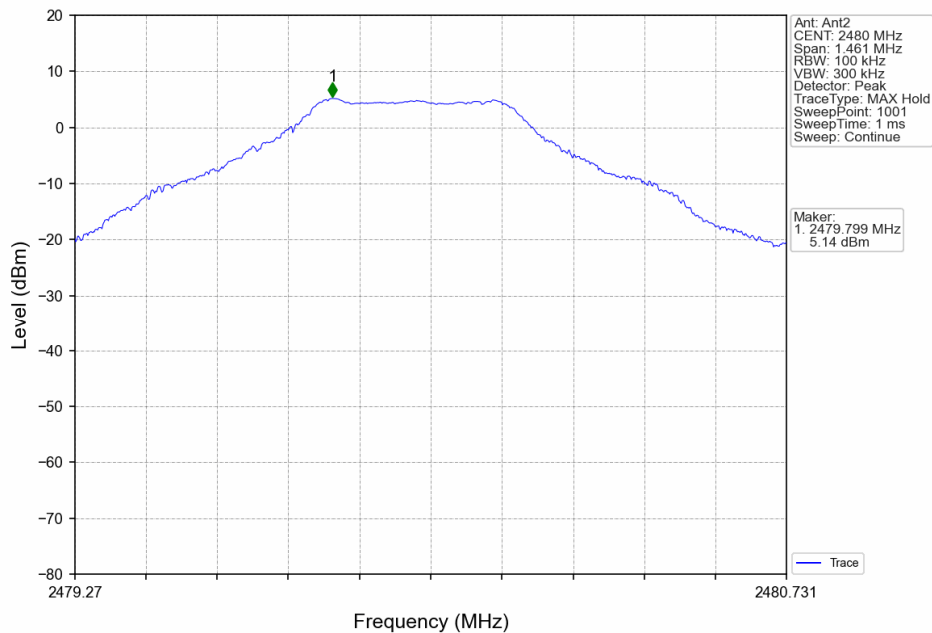
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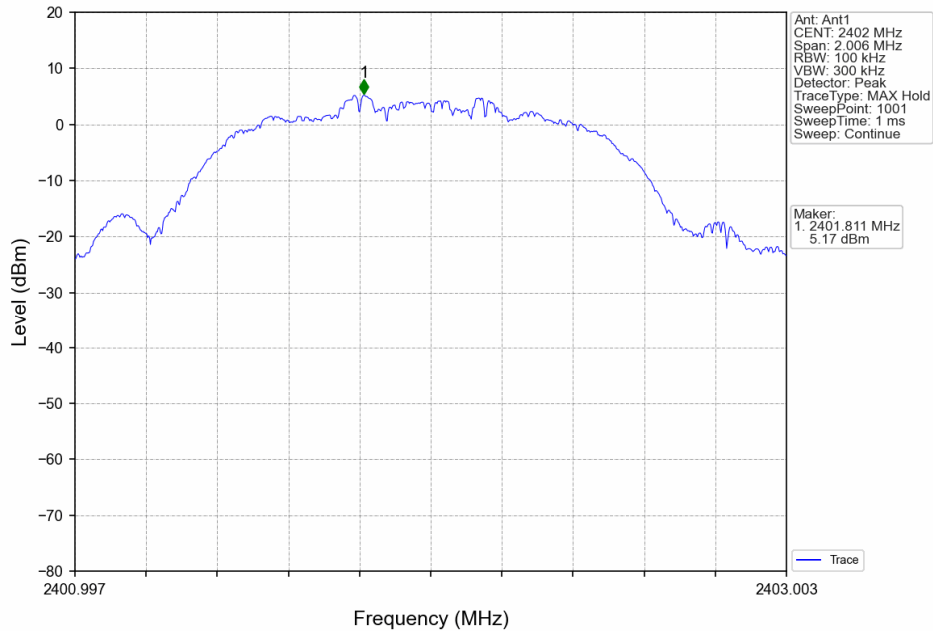
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



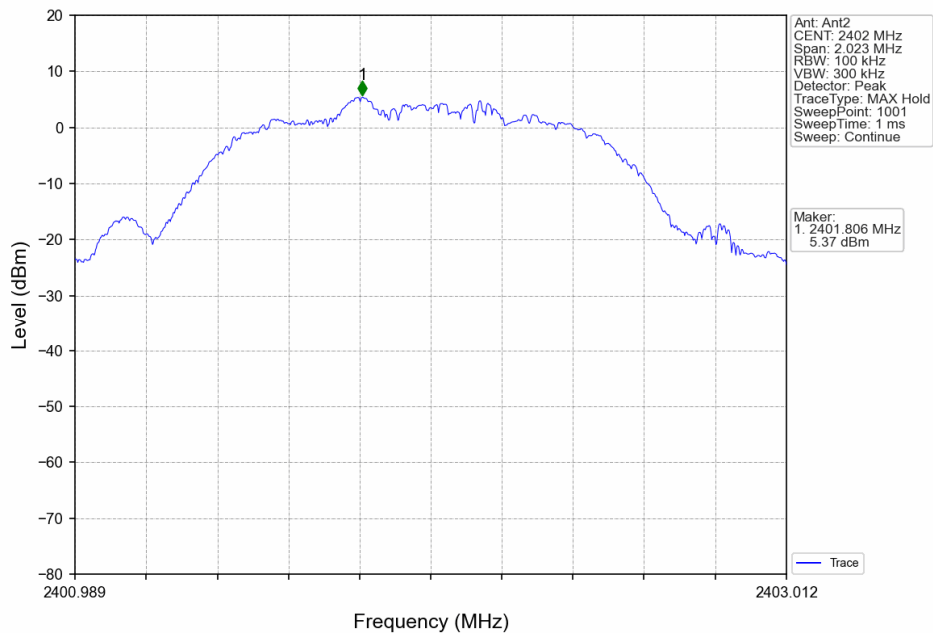
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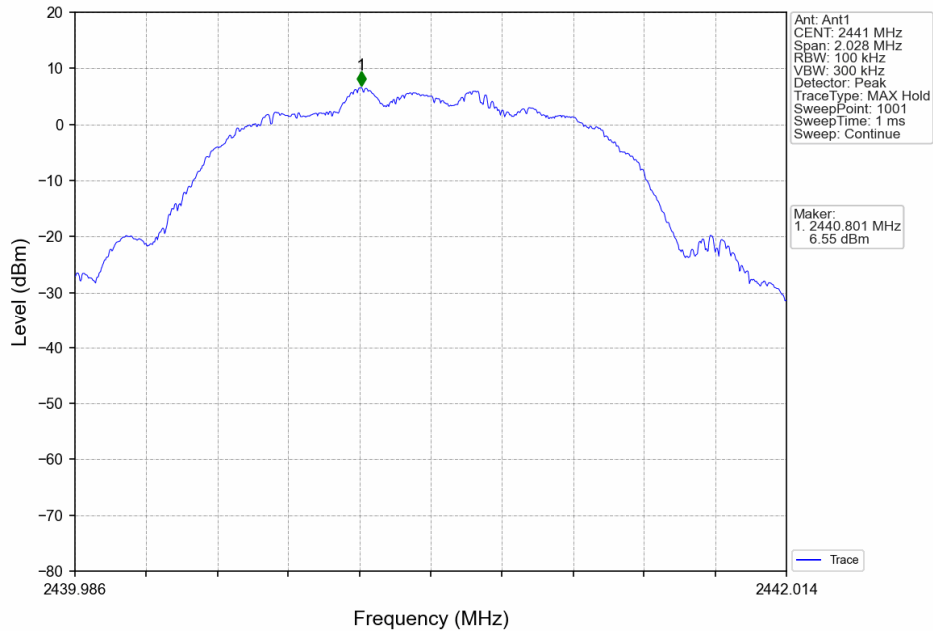
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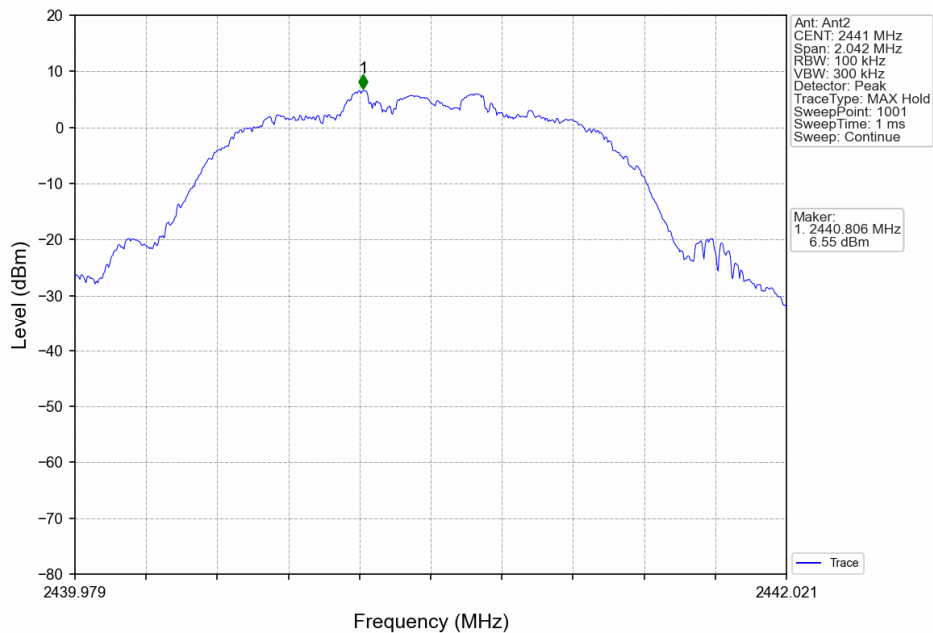
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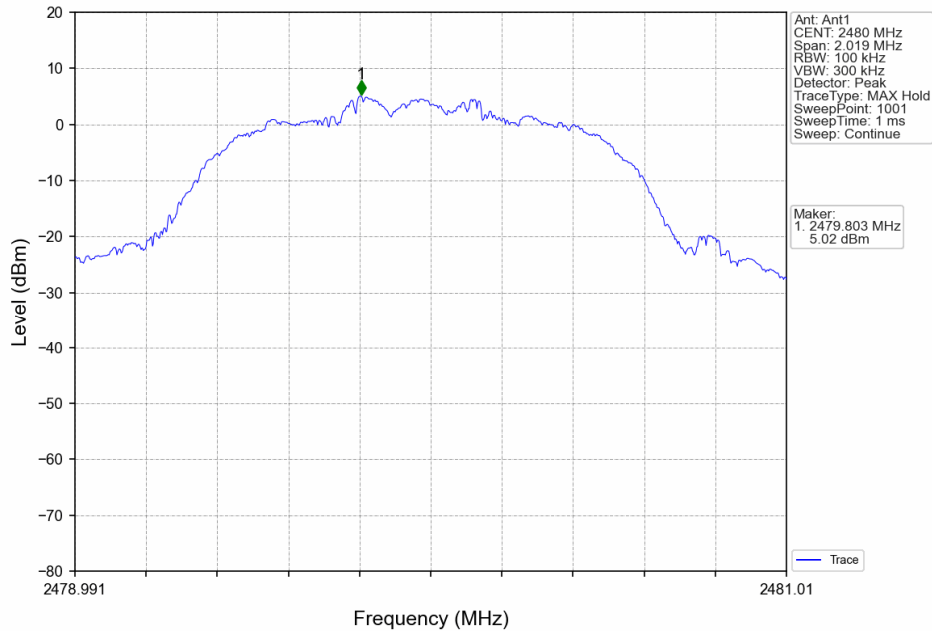
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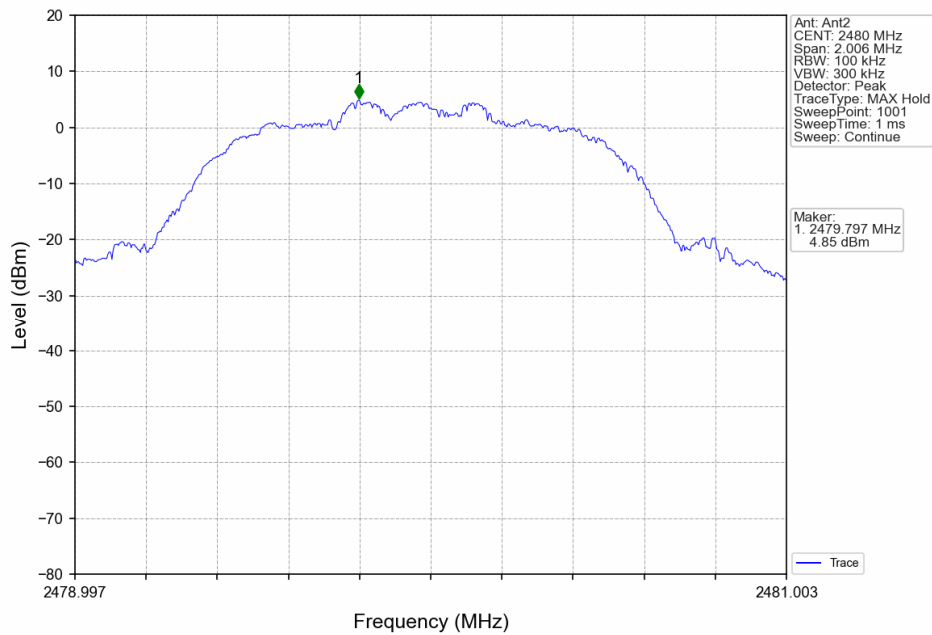
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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant2_NTNV



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7.2 CSE

7.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	6.73	-13.27	Pass
				2	6.74	-13.26	Pass
		2441	DH5	1	6.73	-13.27	Pass
				2	6.74	-13.26	Pass
		2480	DH5	1	6.73	-13.27	Pass
				2	6.74	-13.26	Pass
		HOPP	DH5	1	6.73	-13.27	Pass
				2	6.74	-13.26	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	6.55	-13.45	Pass
				2	6.55	-13.45	Pass
		2441	2DH5	1	6.55	-13.45	Pass
				2	6.55	-13.45	Pass
		2480	2DH5	1	6.55	-13.45	Pass
				2	6.55	-13.45	Pass
		HOPP	2DH5	1	6.55	-13.45	Pass
				2	6.55	-13.45	Pass



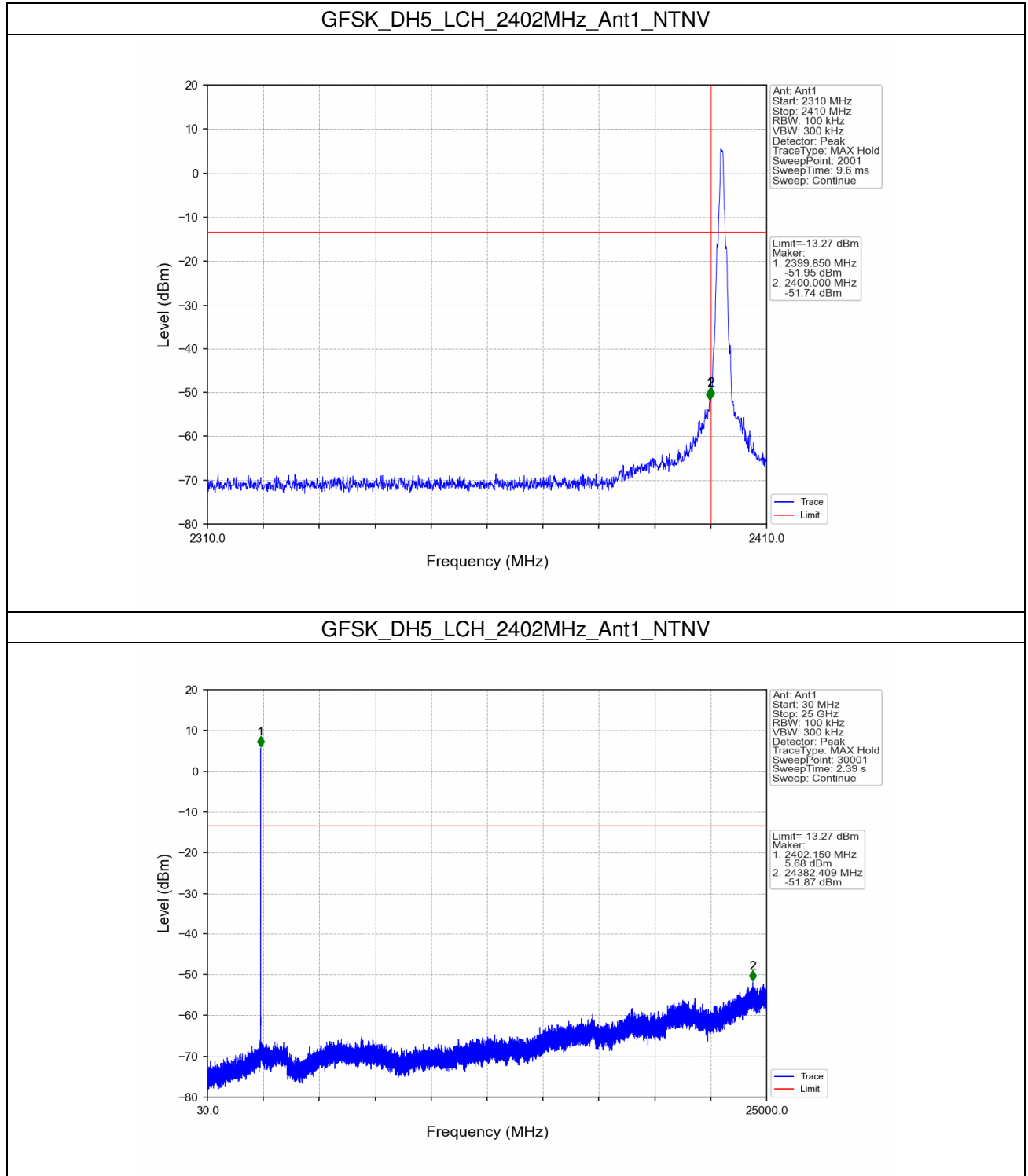
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center Laboratory

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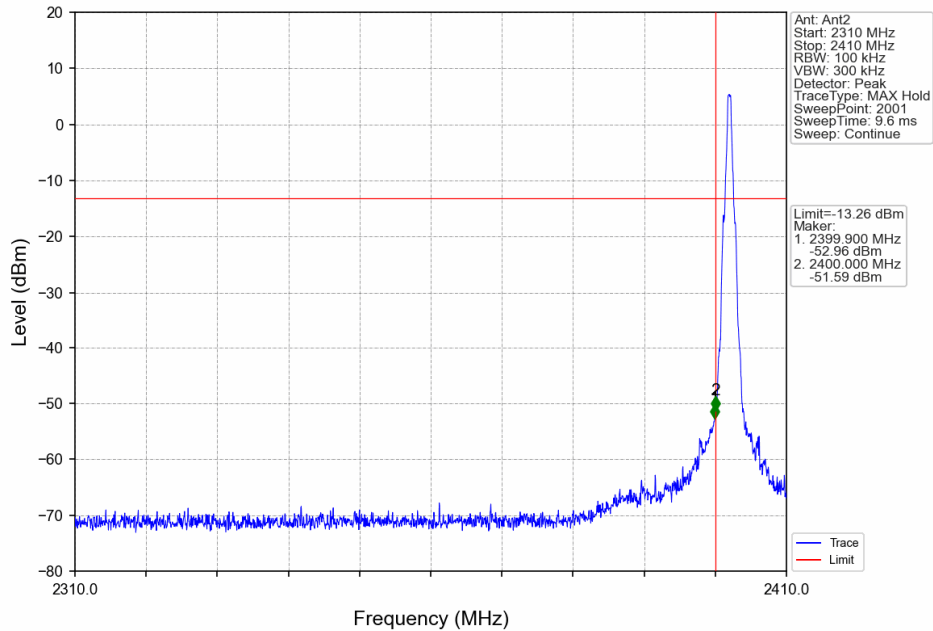
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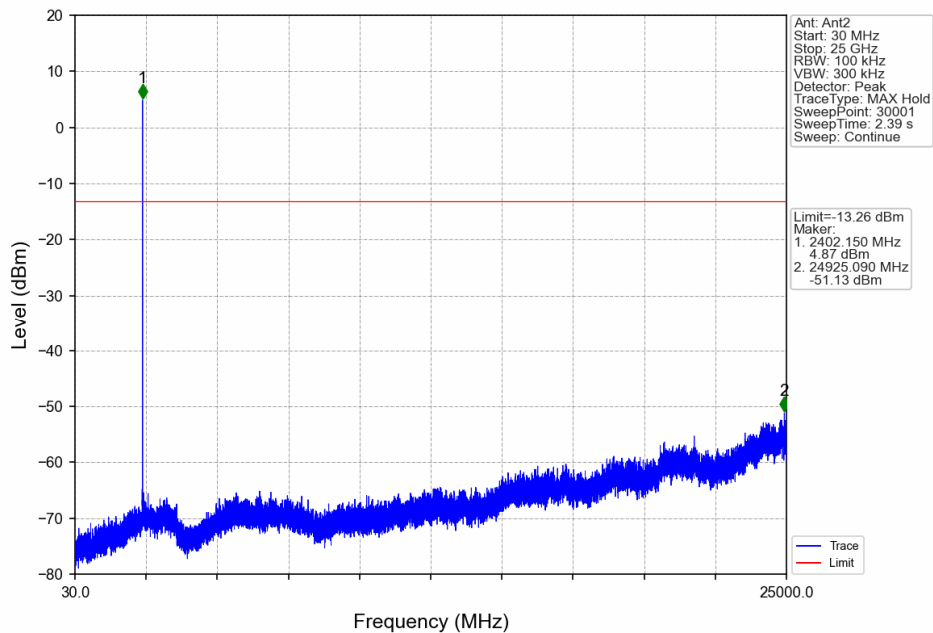
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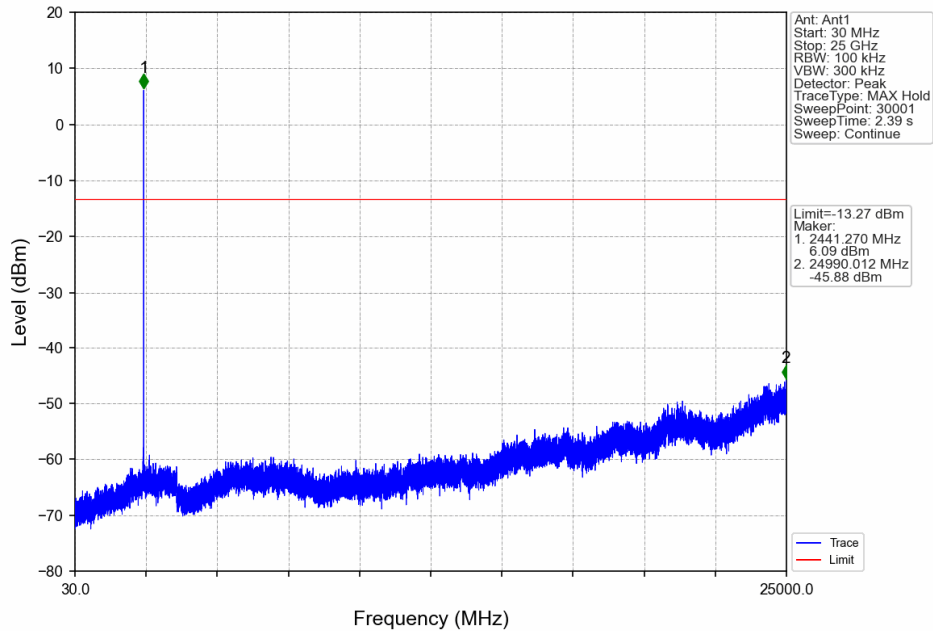
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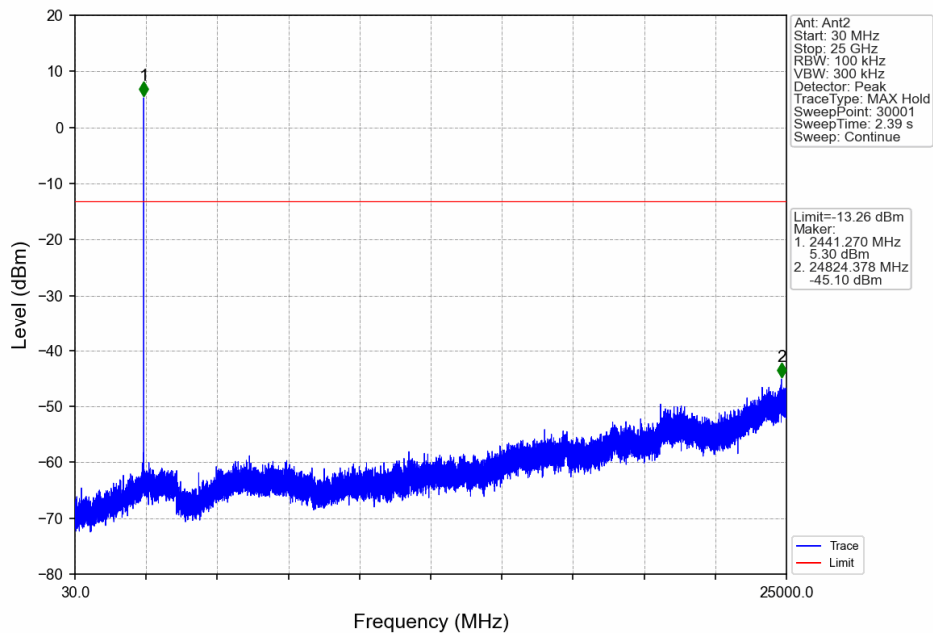
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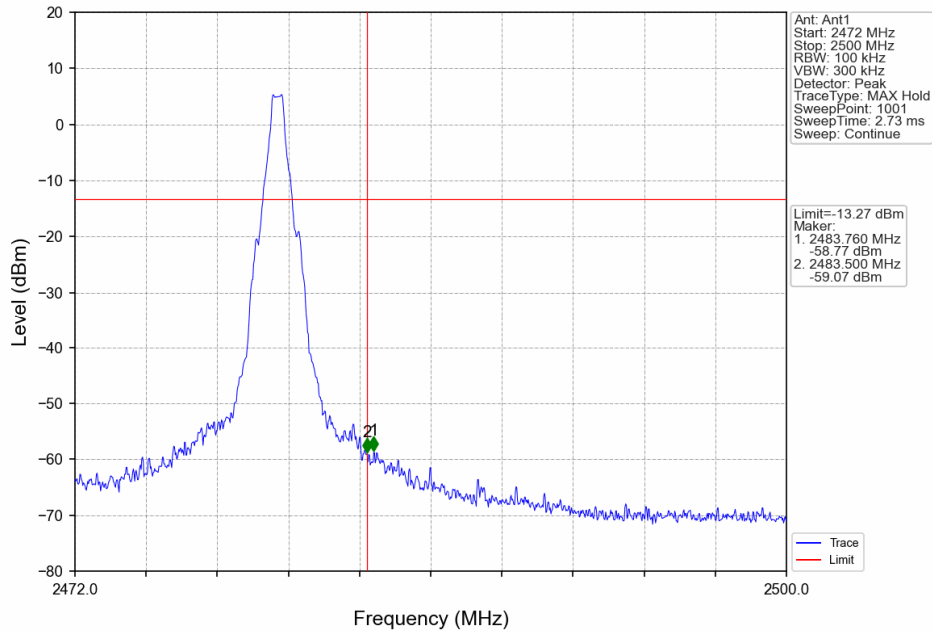
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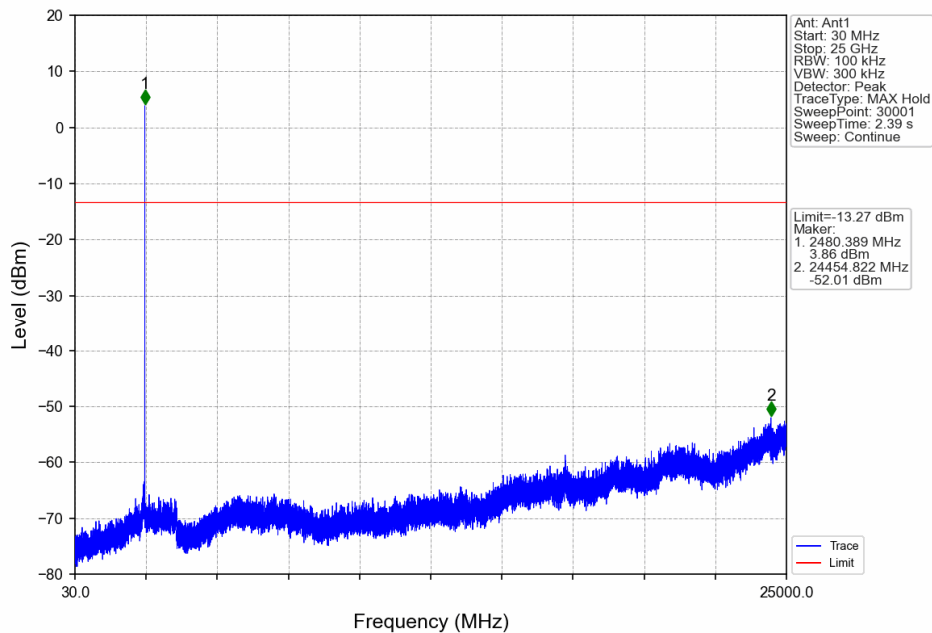
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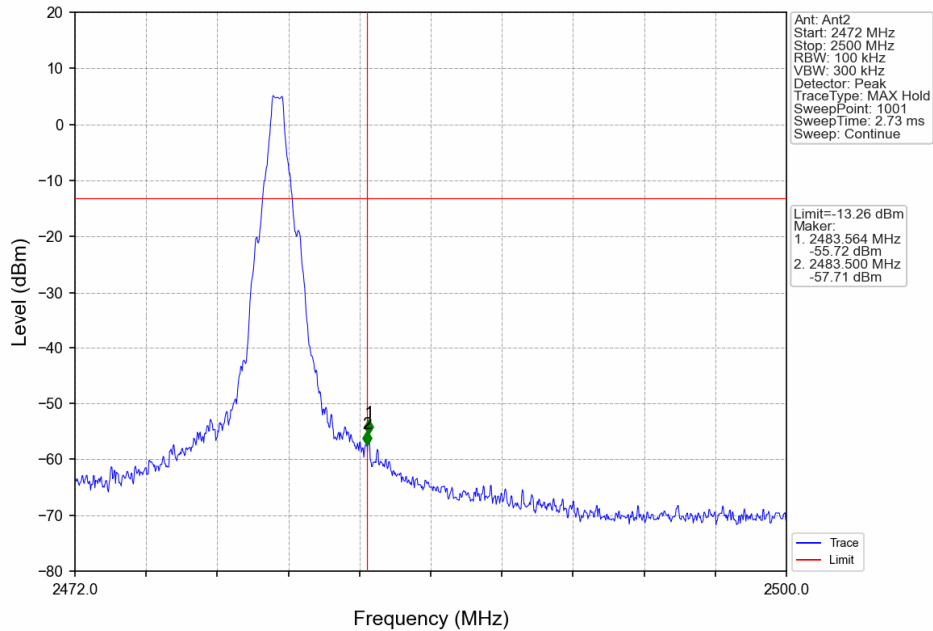
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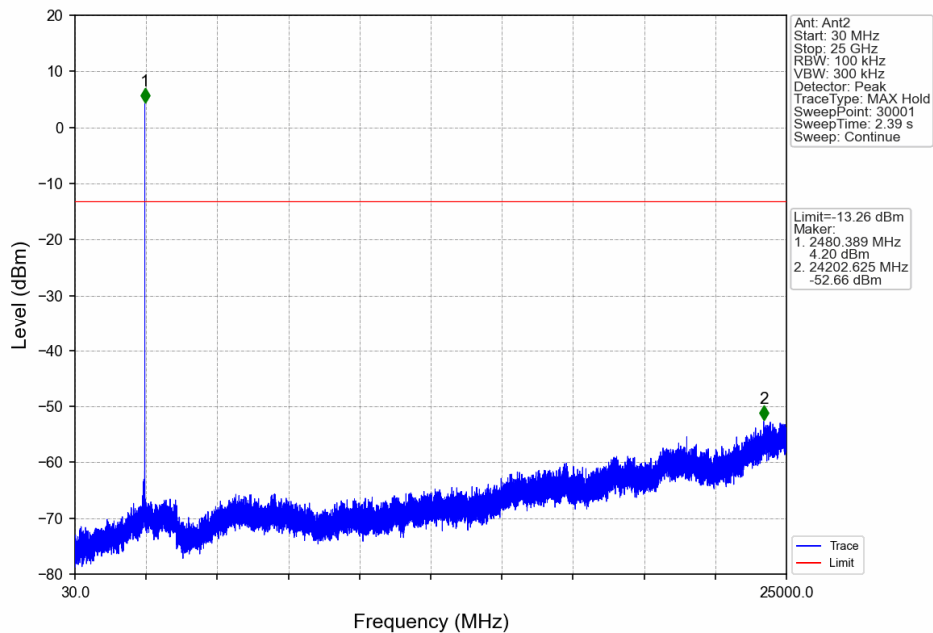
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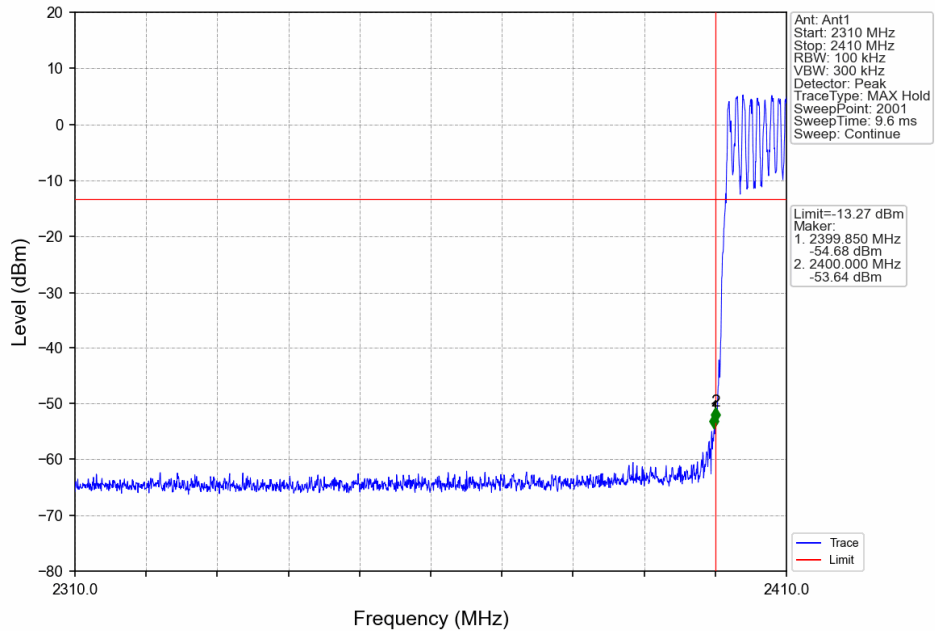
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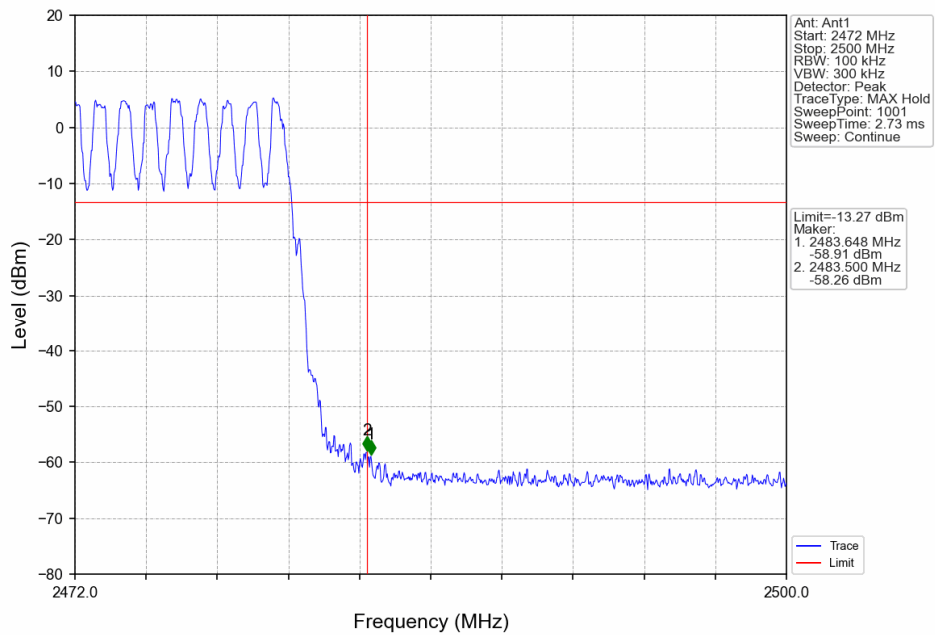
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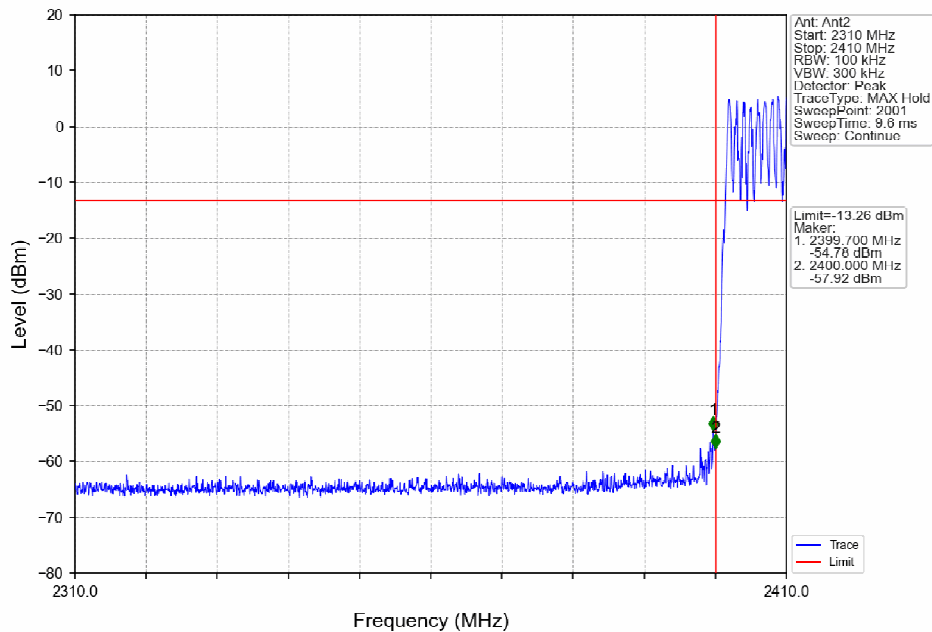
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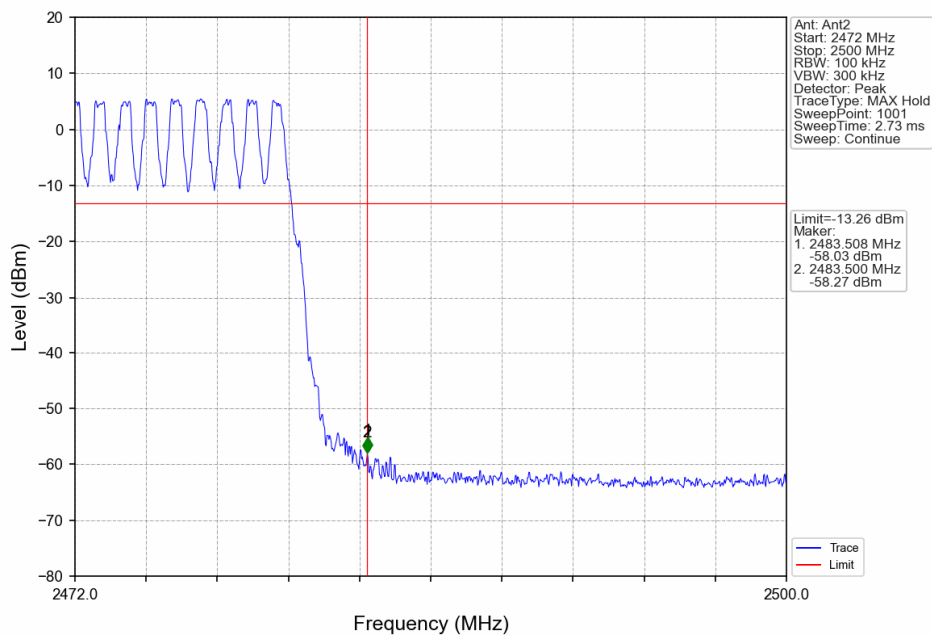
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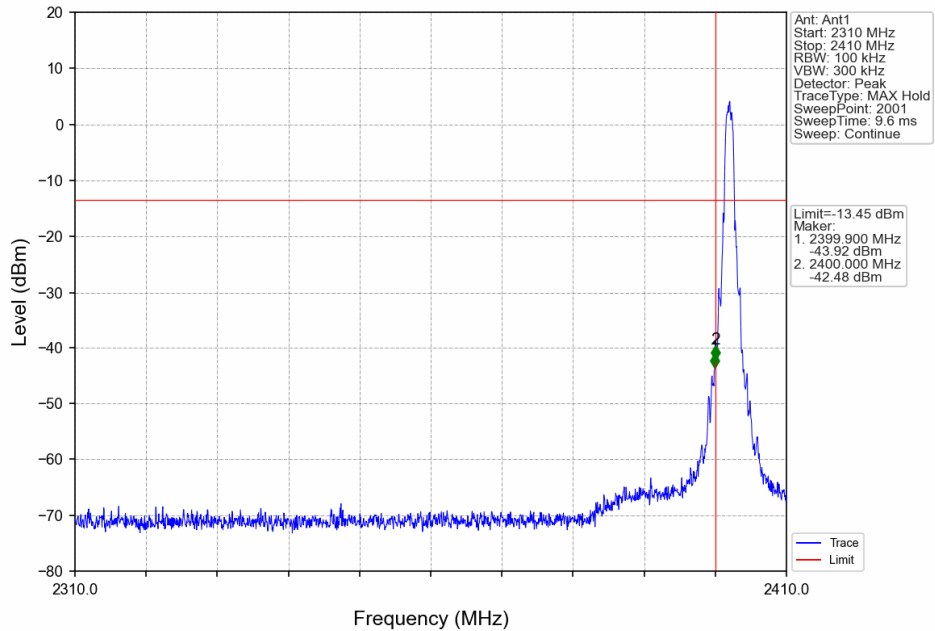
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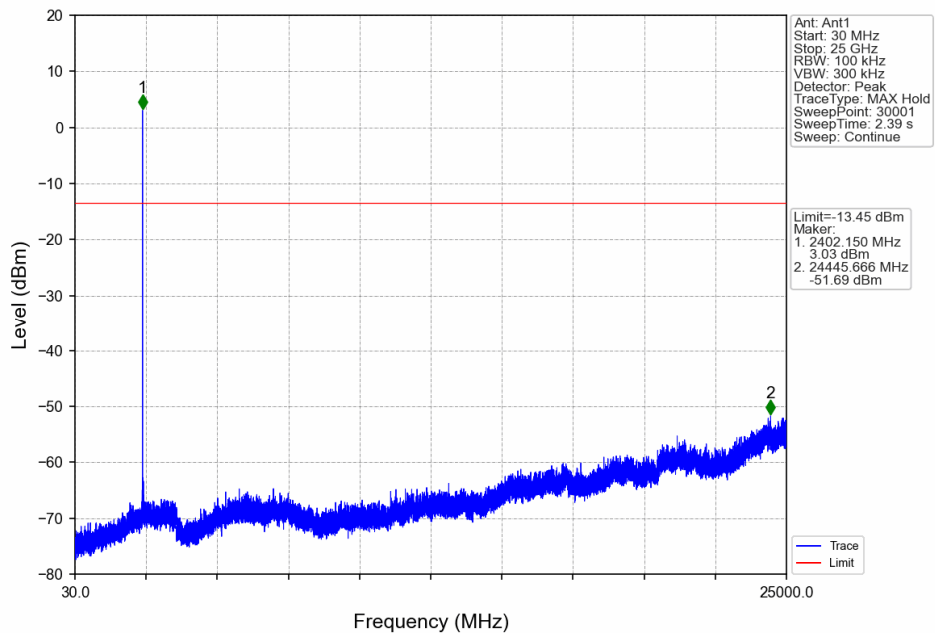
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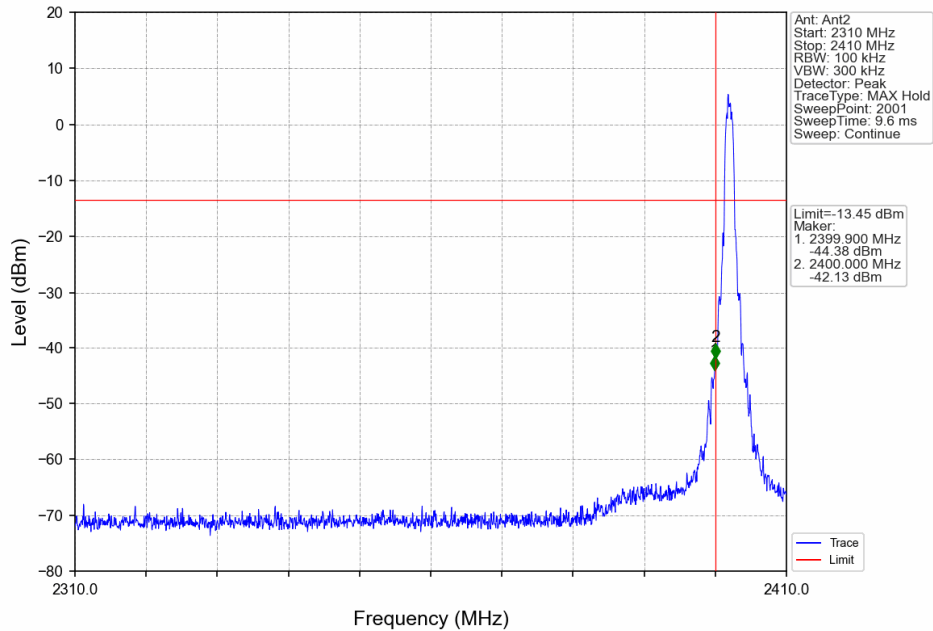
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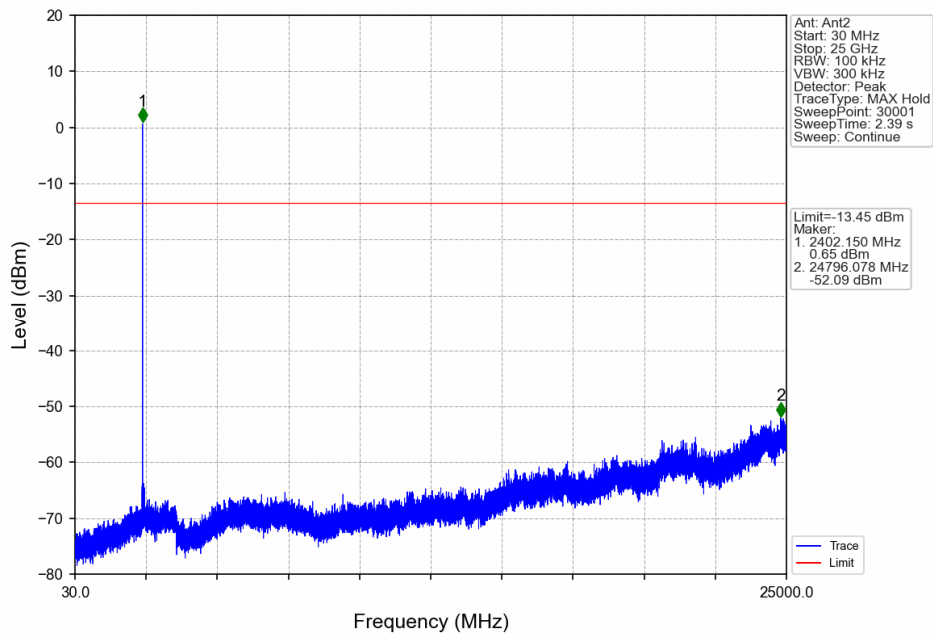
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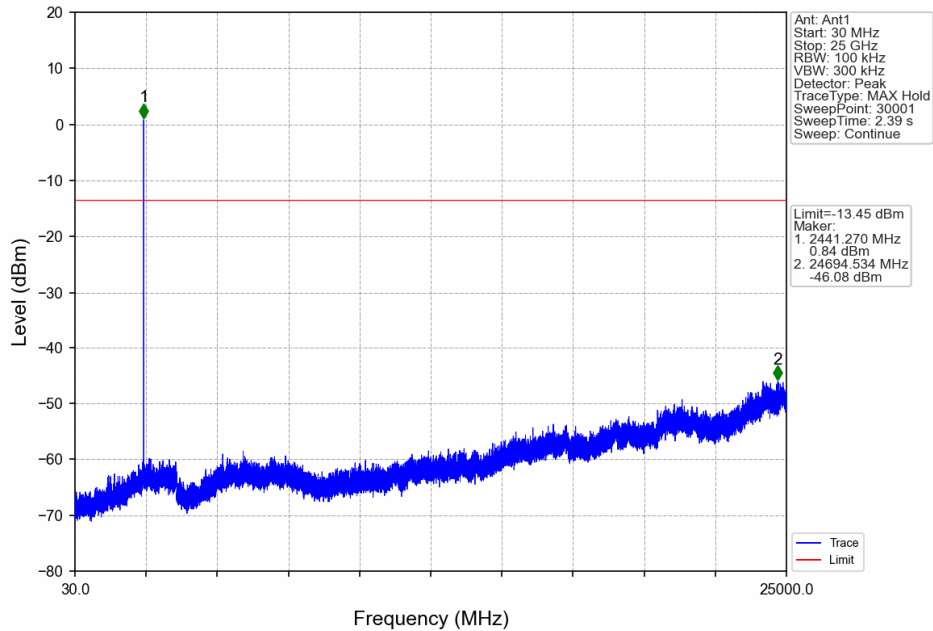
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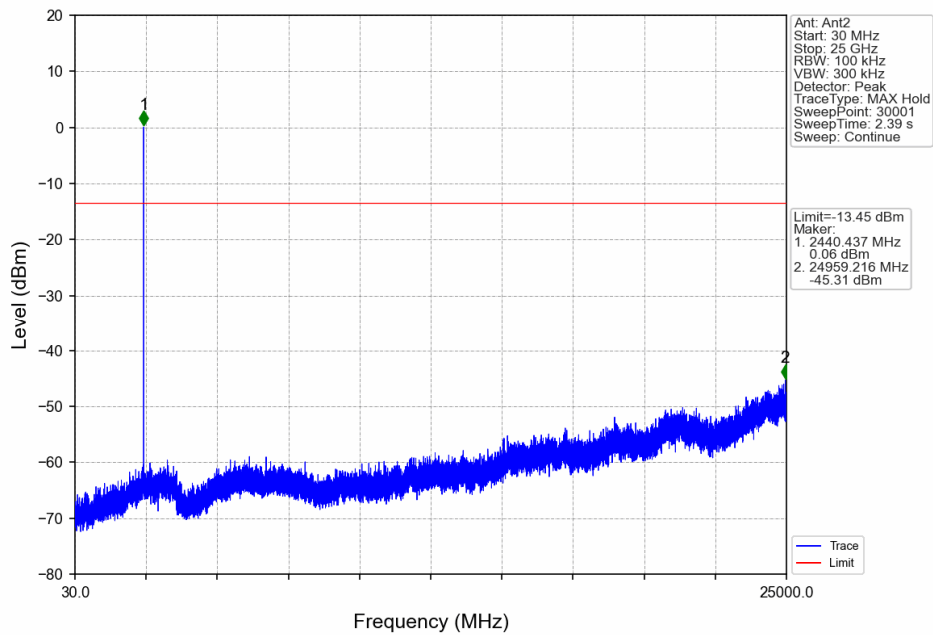
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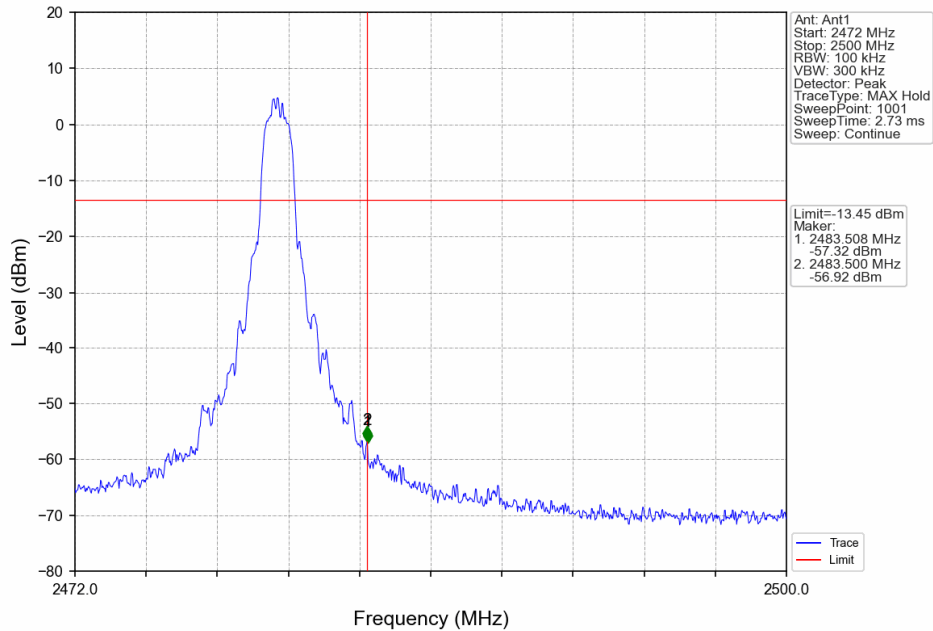
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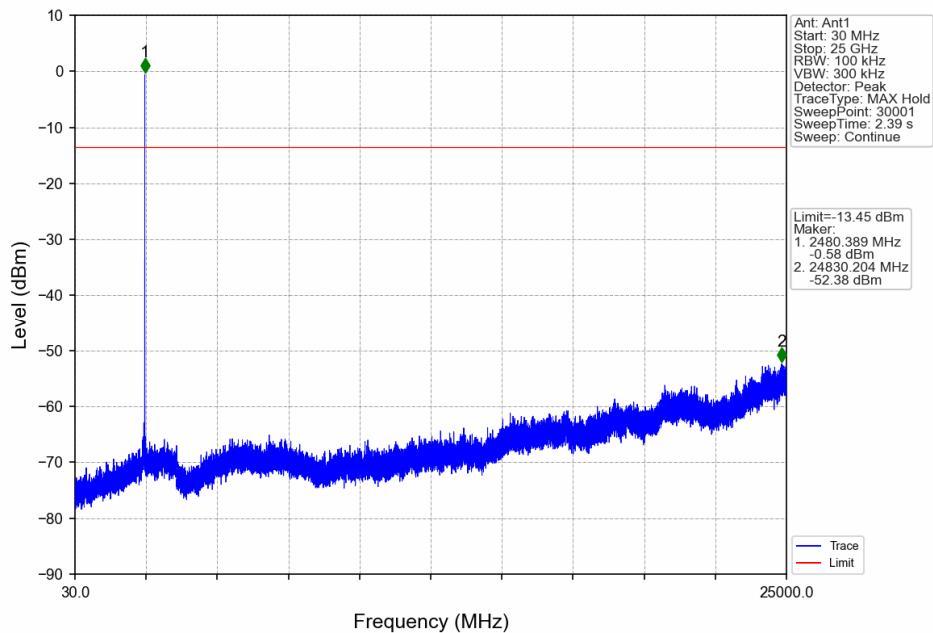
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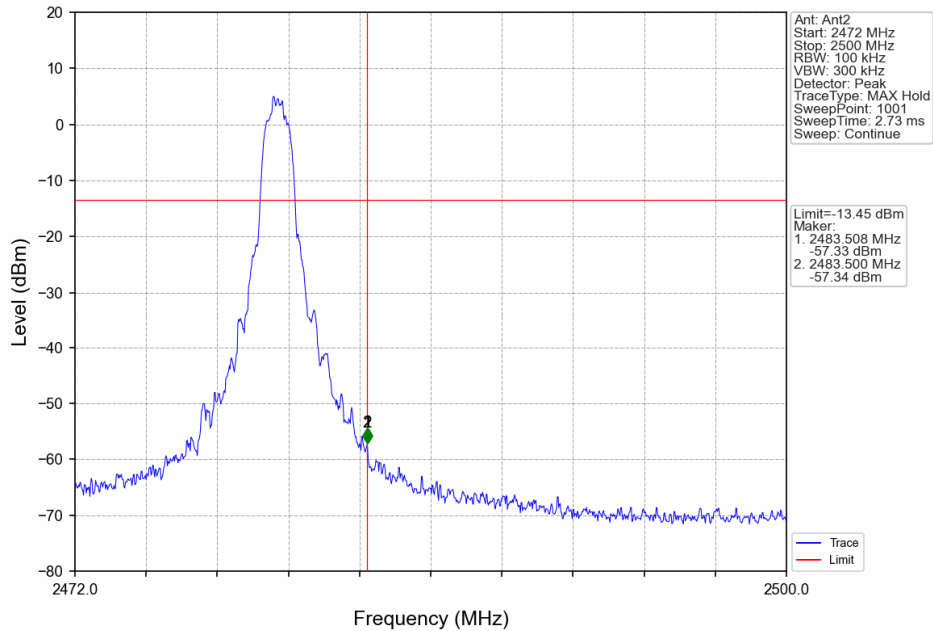
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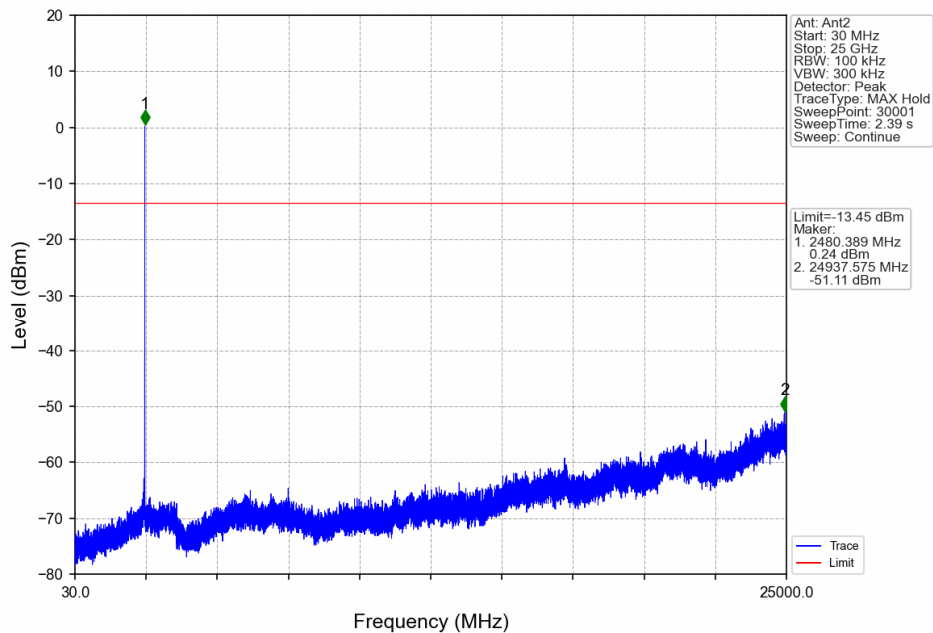
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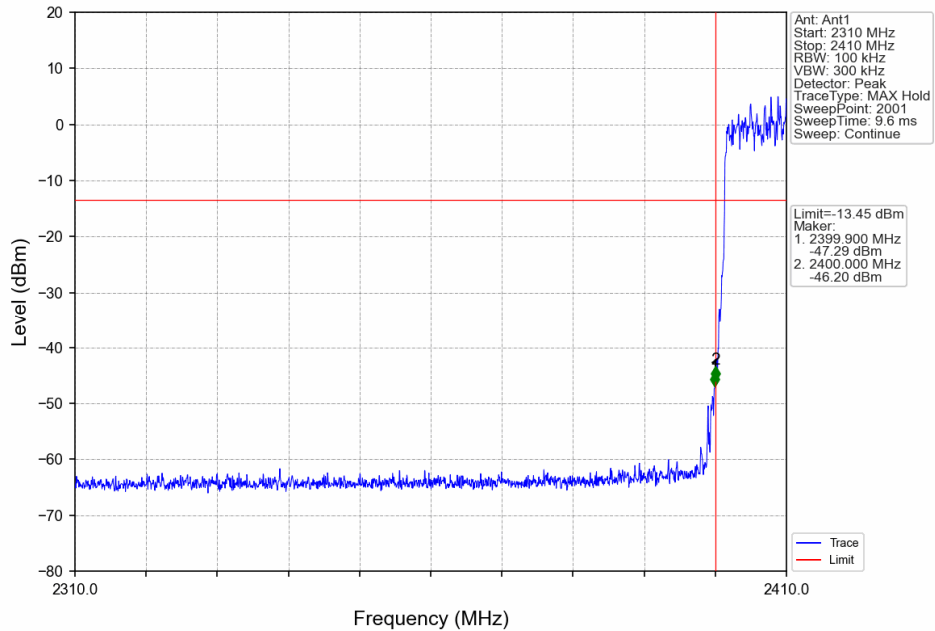
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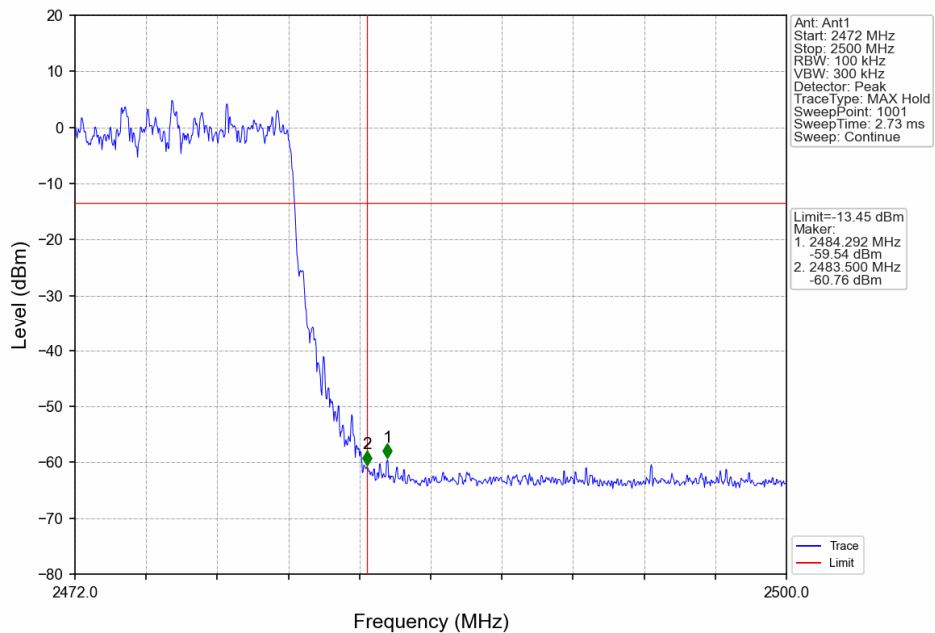
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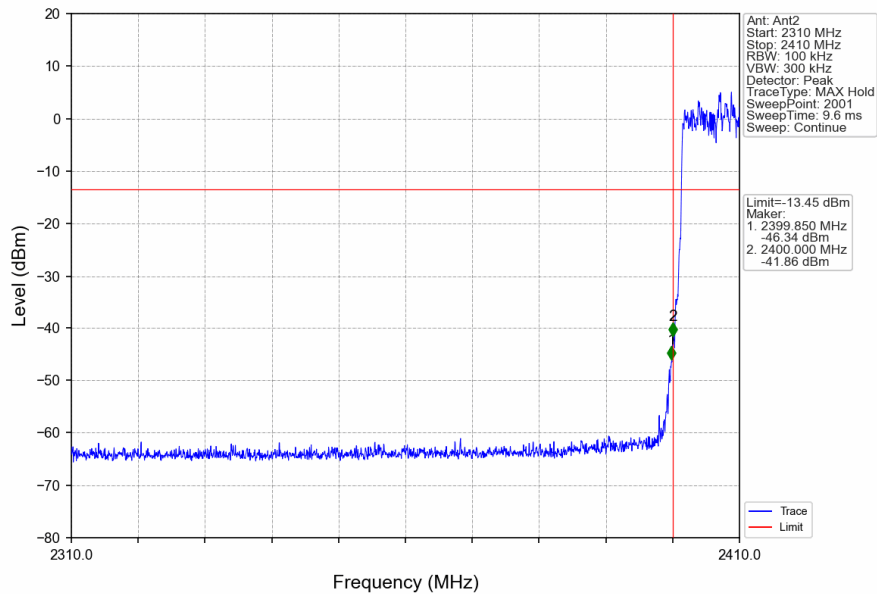
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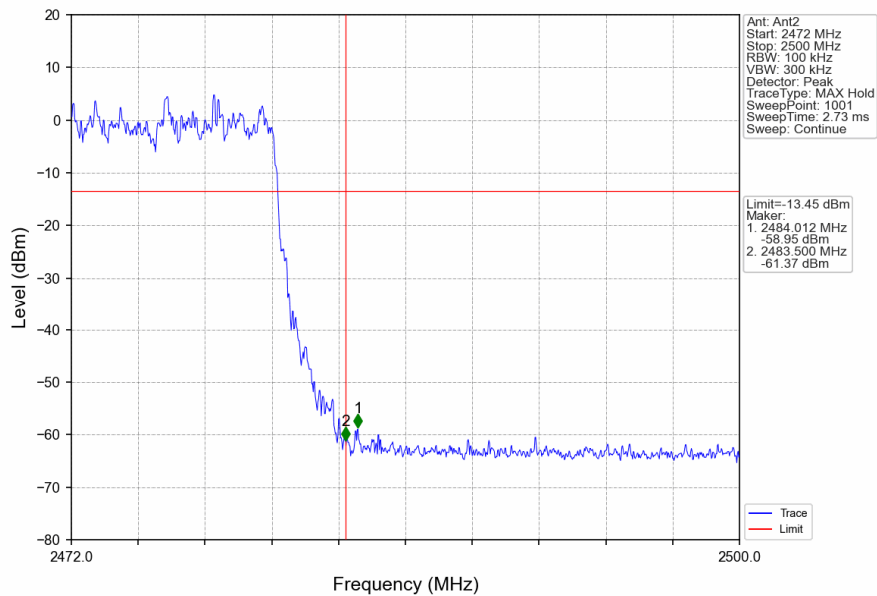
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Pi/4DQPSK_2DH5_HOPP_Ant2_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant2_NTNV



- End of the Report -

