

5. Time of Occupancy (Dwell Time)

5.1 Test Result

5.1.1 Ant1

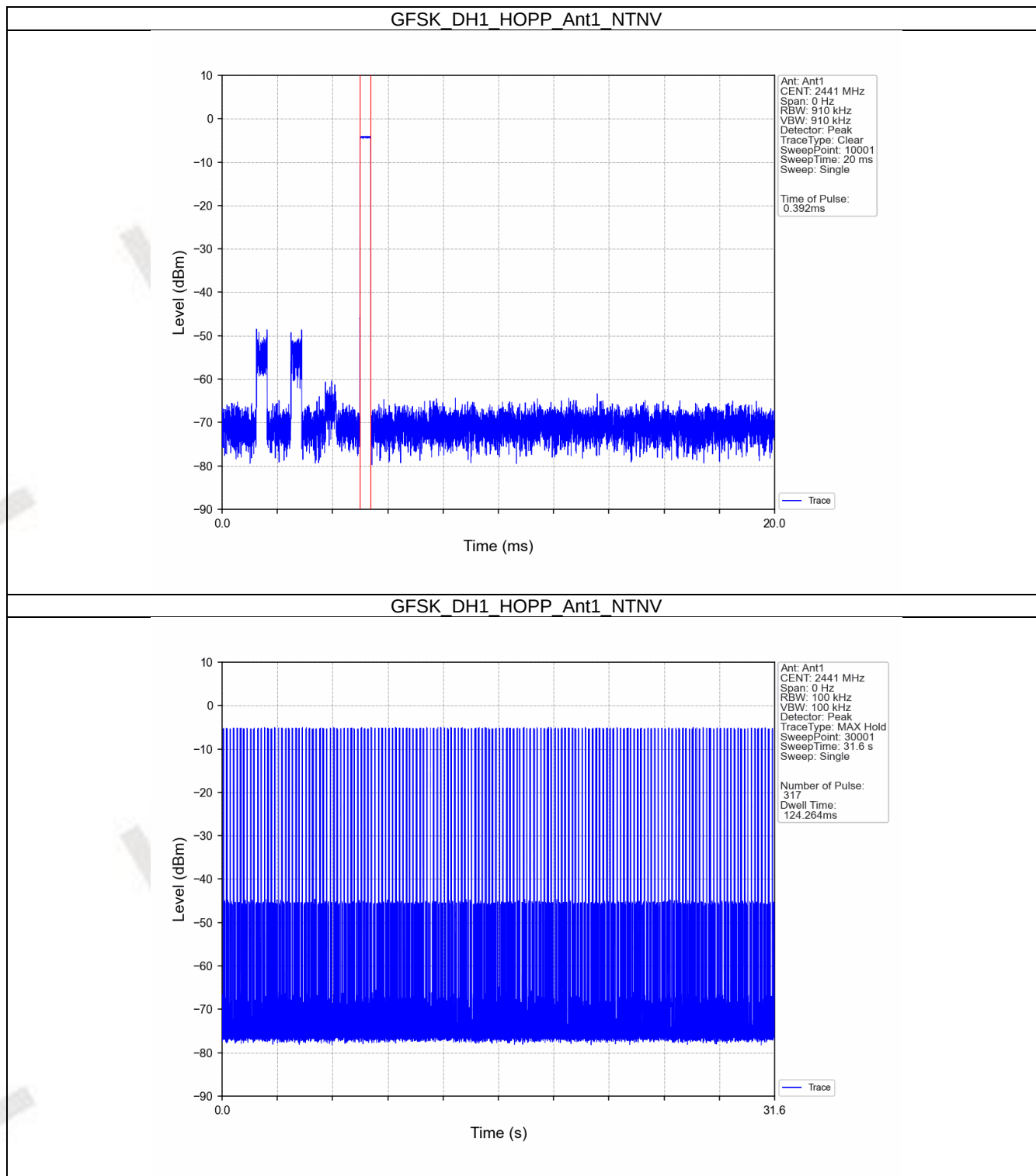
Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.392	31.600	317	124.264	<=400	Pass
			DH3	1.650	31.600	156	257.400	<=400	Pass
			DH5	2.898	31.600	105	304.290	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.394	31.600	320	126.080	<=400	Pass
			2DH3	1.646	31.600	148	243.608	<=400	Pass
			2DH5	2.904	31.600	104	302.016	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.404	31.600	320	129.280	<=400	Pass
			3DH3	1.646	31.600	158	260.068	<=400	Pass
			3DH5	2.906	31.600	113	328.378	<=400	Pass

5.1.2 Ant2

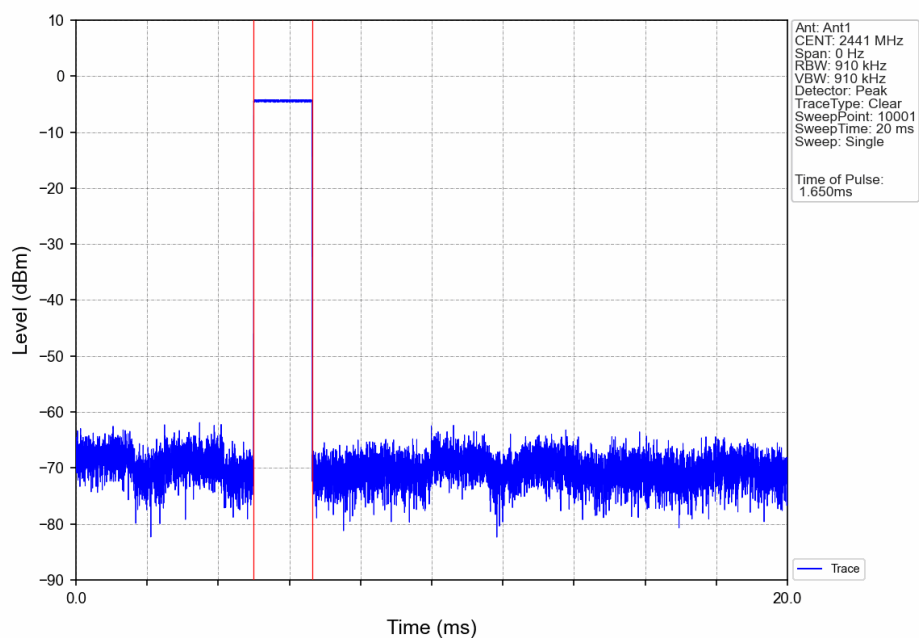
Ant2									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.392	31.600	316	123.872	<=400	Pass
			DH3	1.648	31.600	153	252.144	<=400	Pass
			DH5	2.896	31.600	107	309.872	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	320	126.720	<=400	Pass
			2DH3	1.646	31.600	153	251.838	<=400	Pass
			2DH5	2.896	31.600	106	306.976	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.396	31.600	319	126.324	<=400	Pass
			3DH3	1.646	31.600	163	268.298	<=400	Pass
			3DH5	2.906	31.600	105	305.130	<=400	Pass

5.2 Test Graph

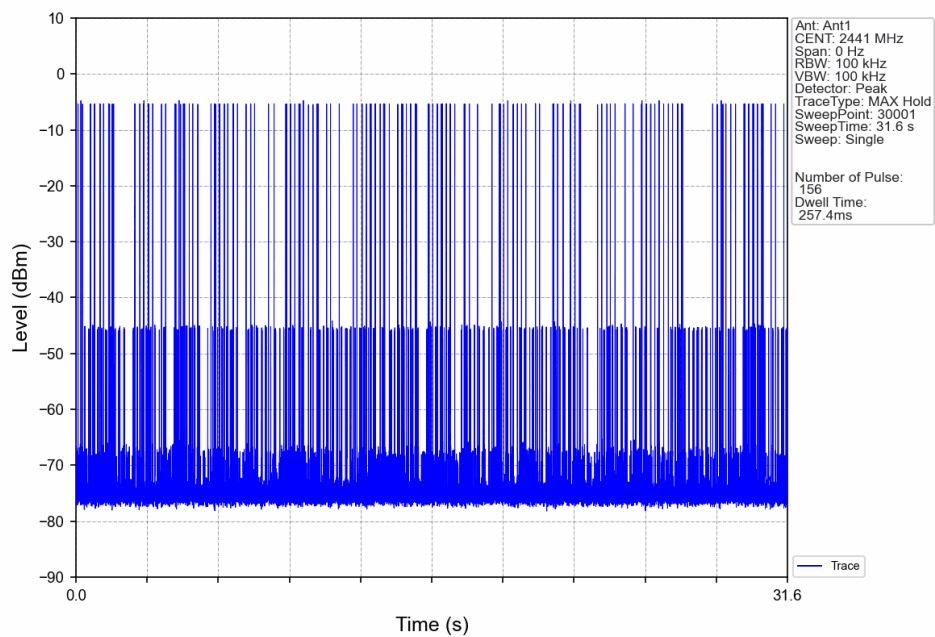
5.2.1 Ant1



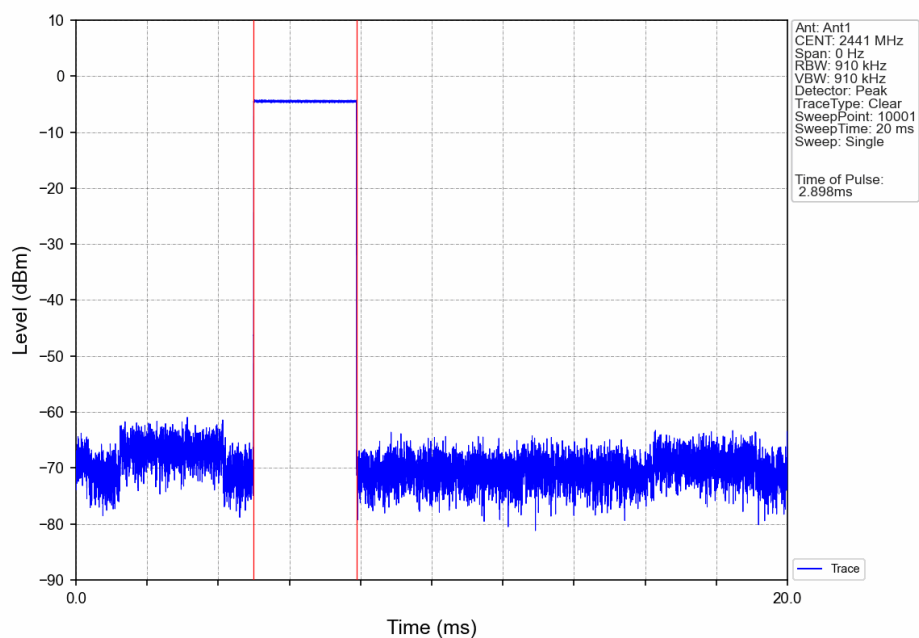
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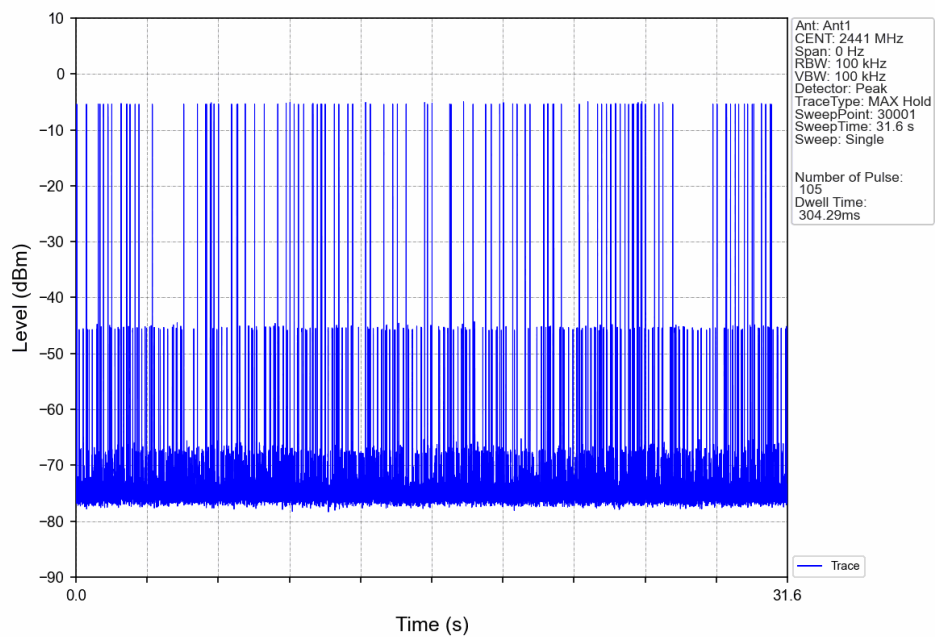
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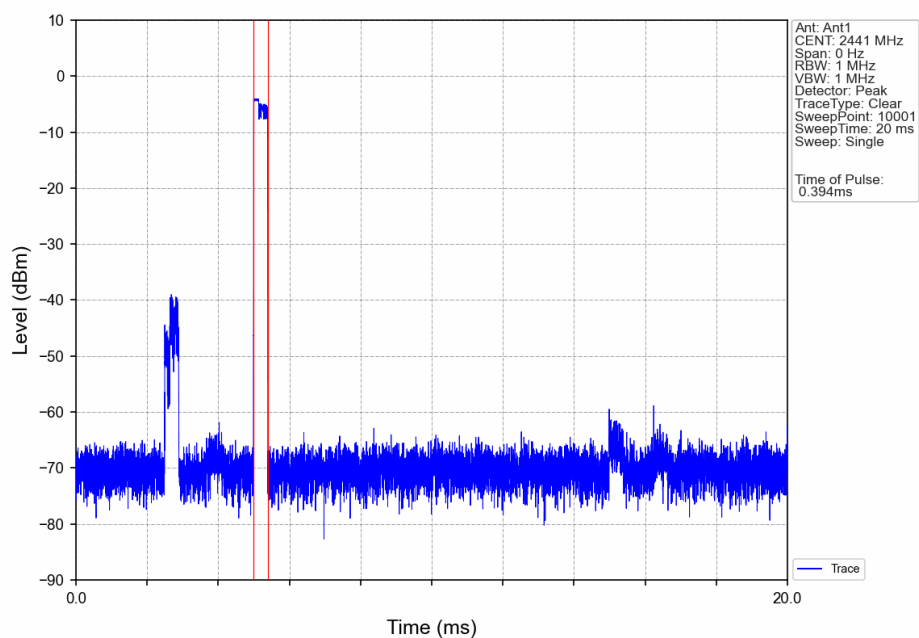
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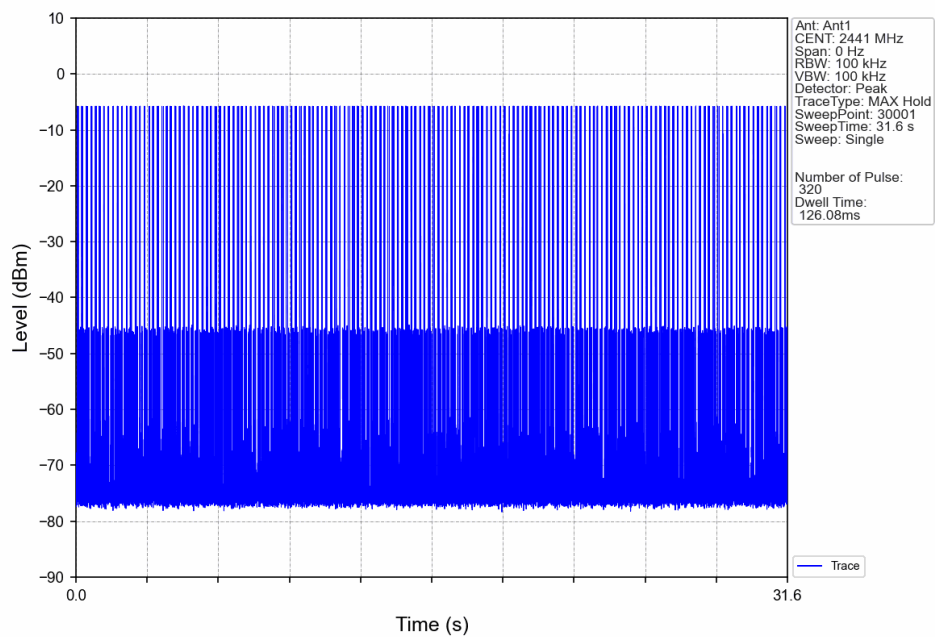
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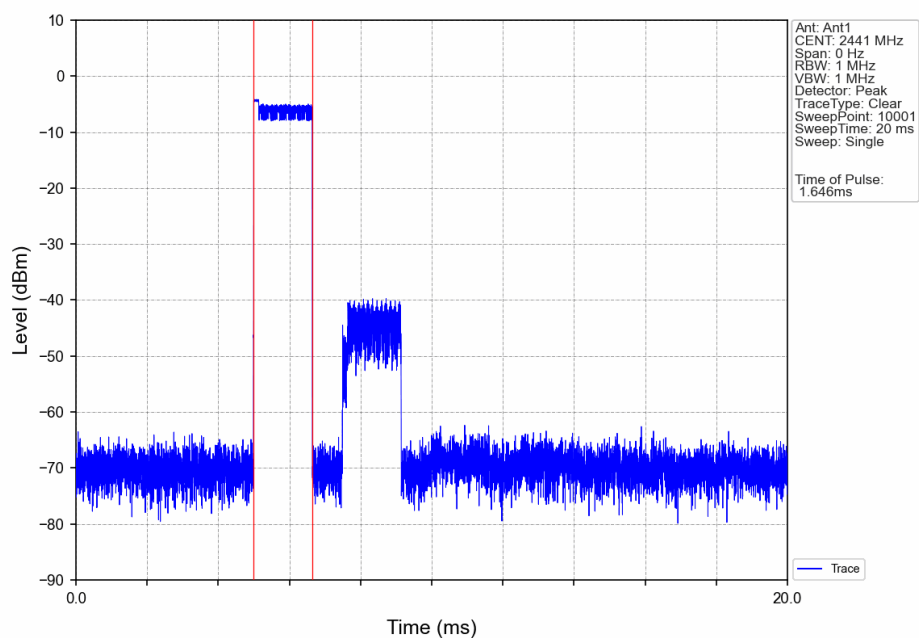
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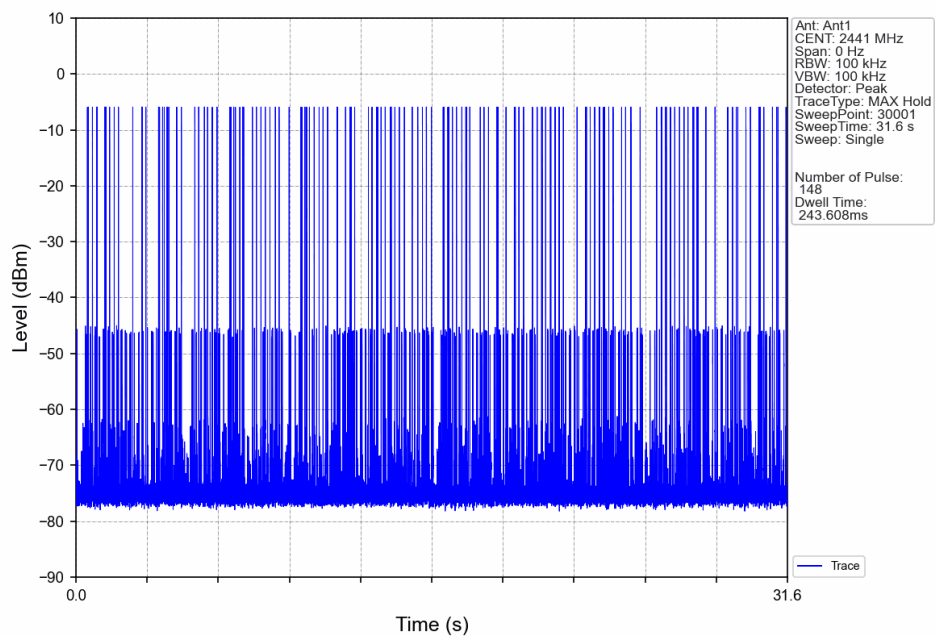
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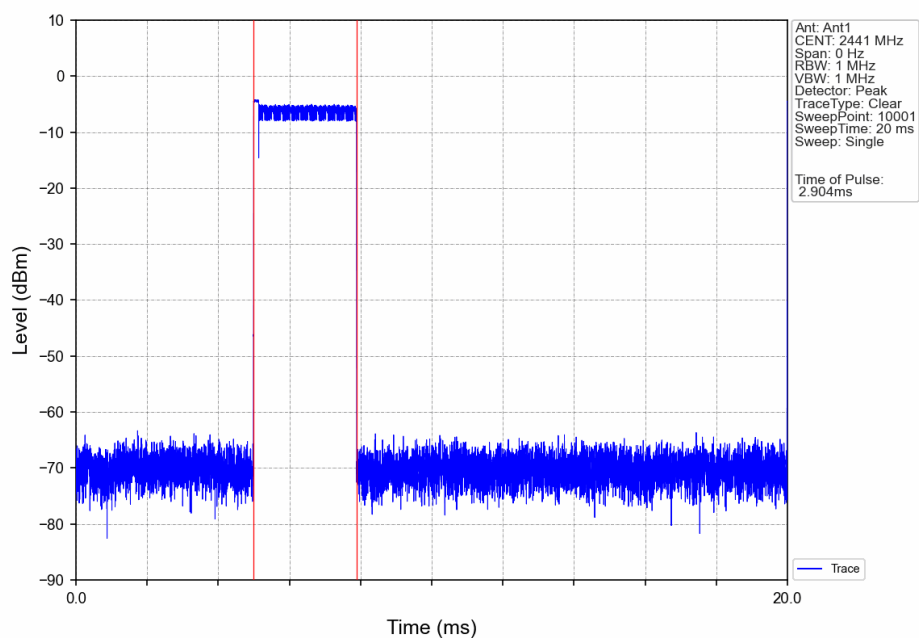
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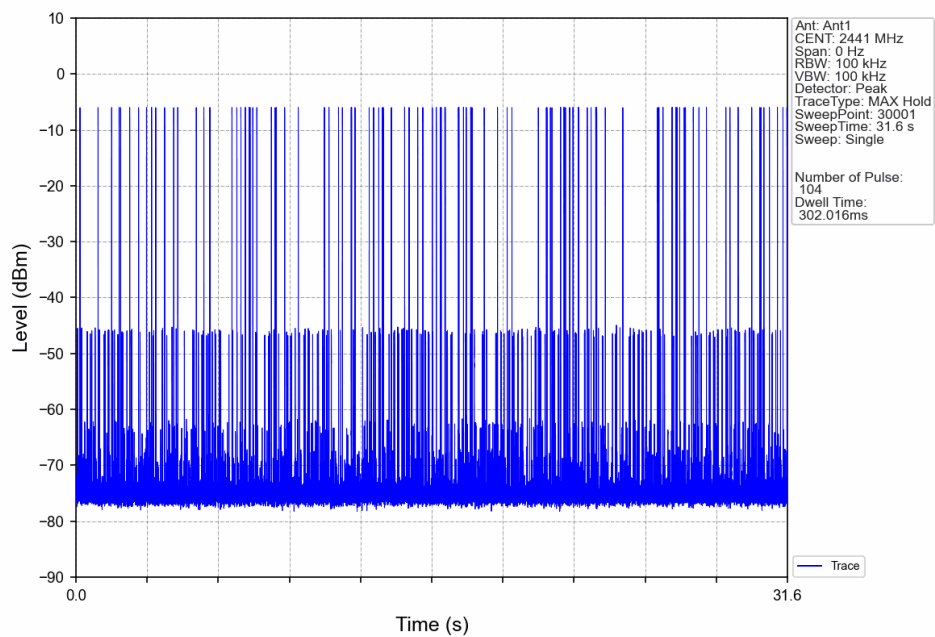
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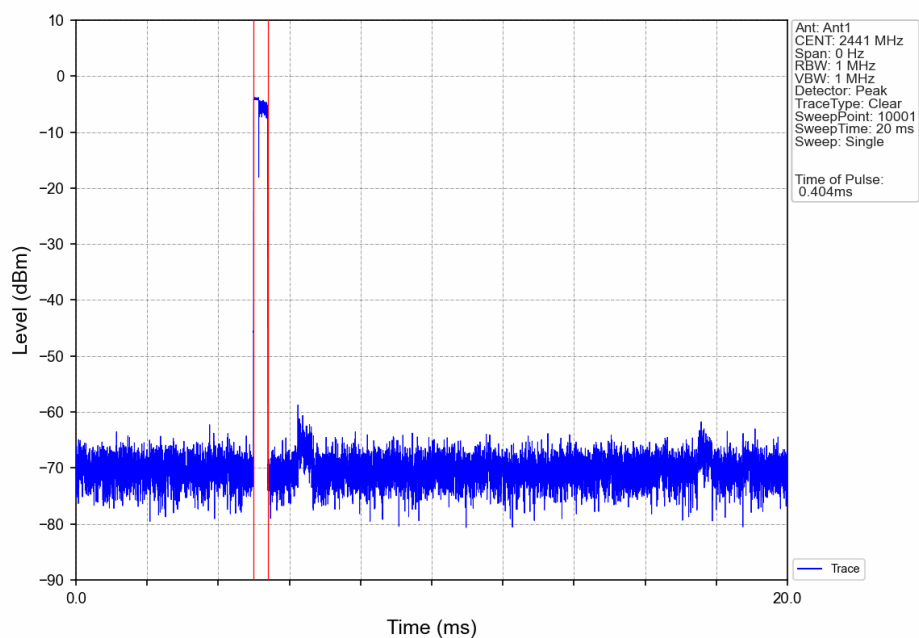
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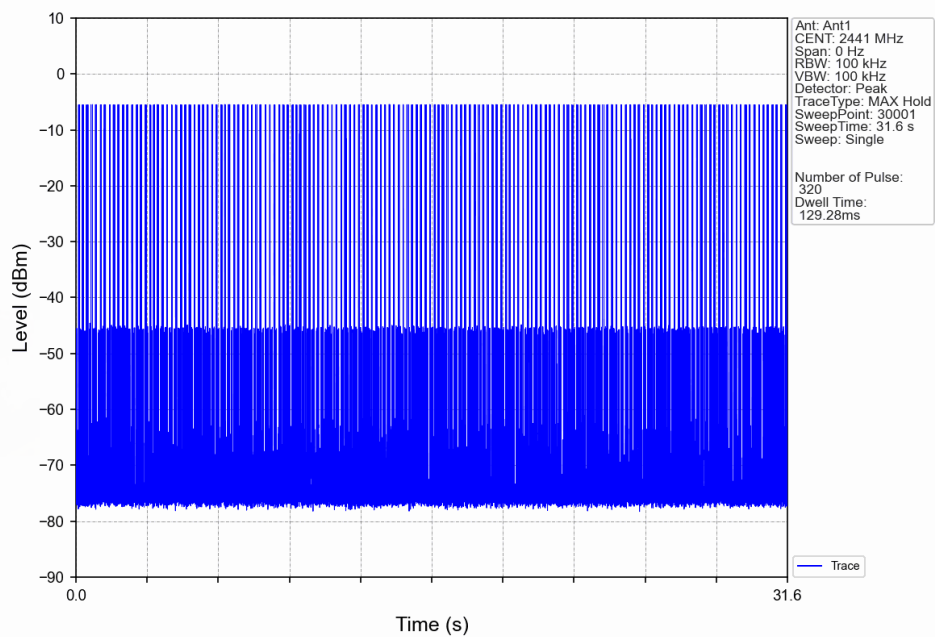
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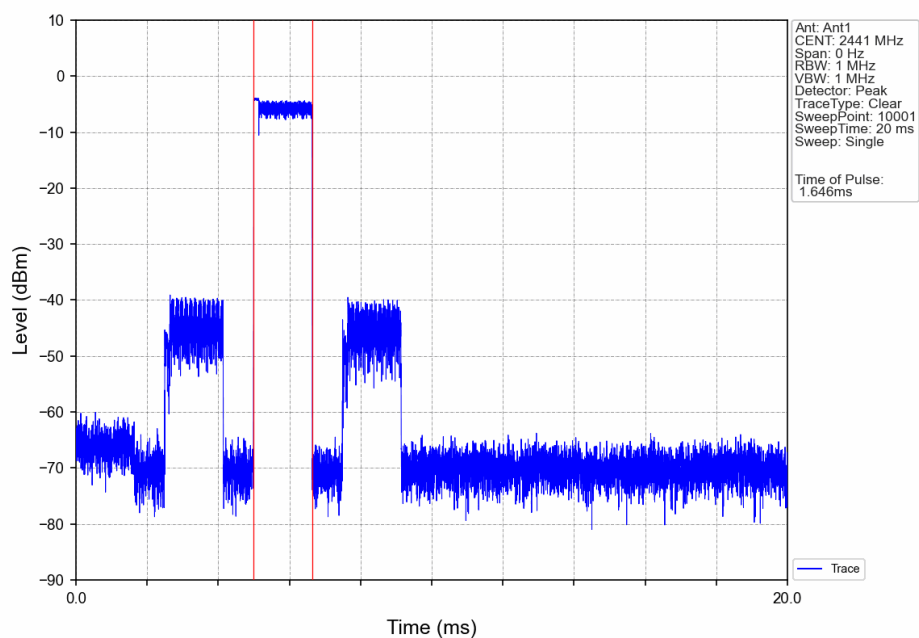
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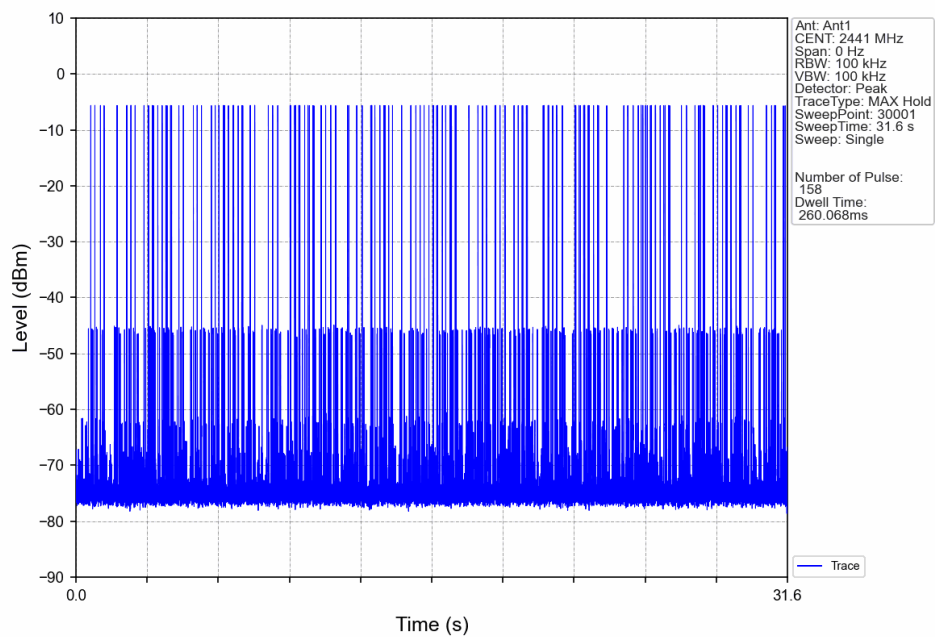
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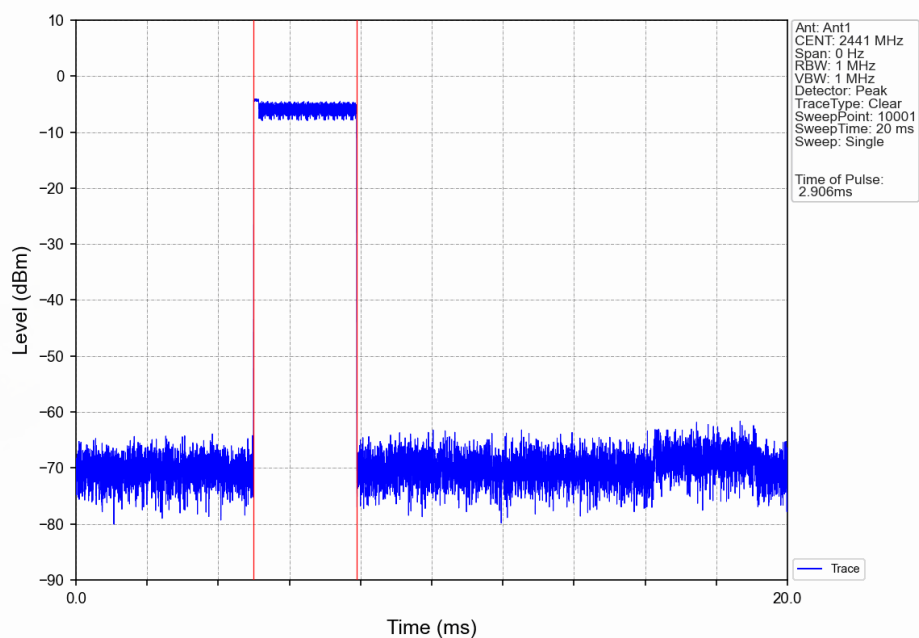
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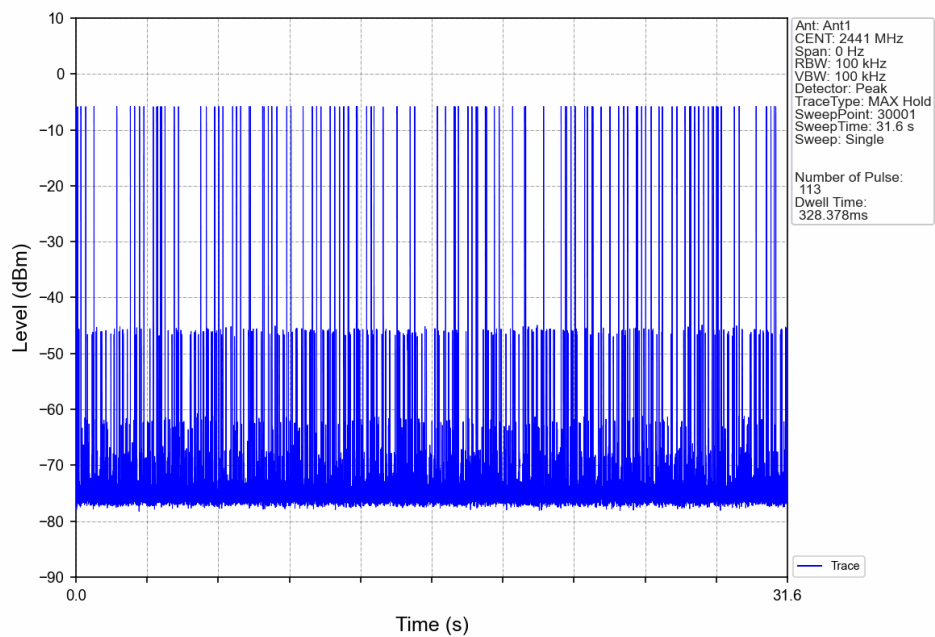
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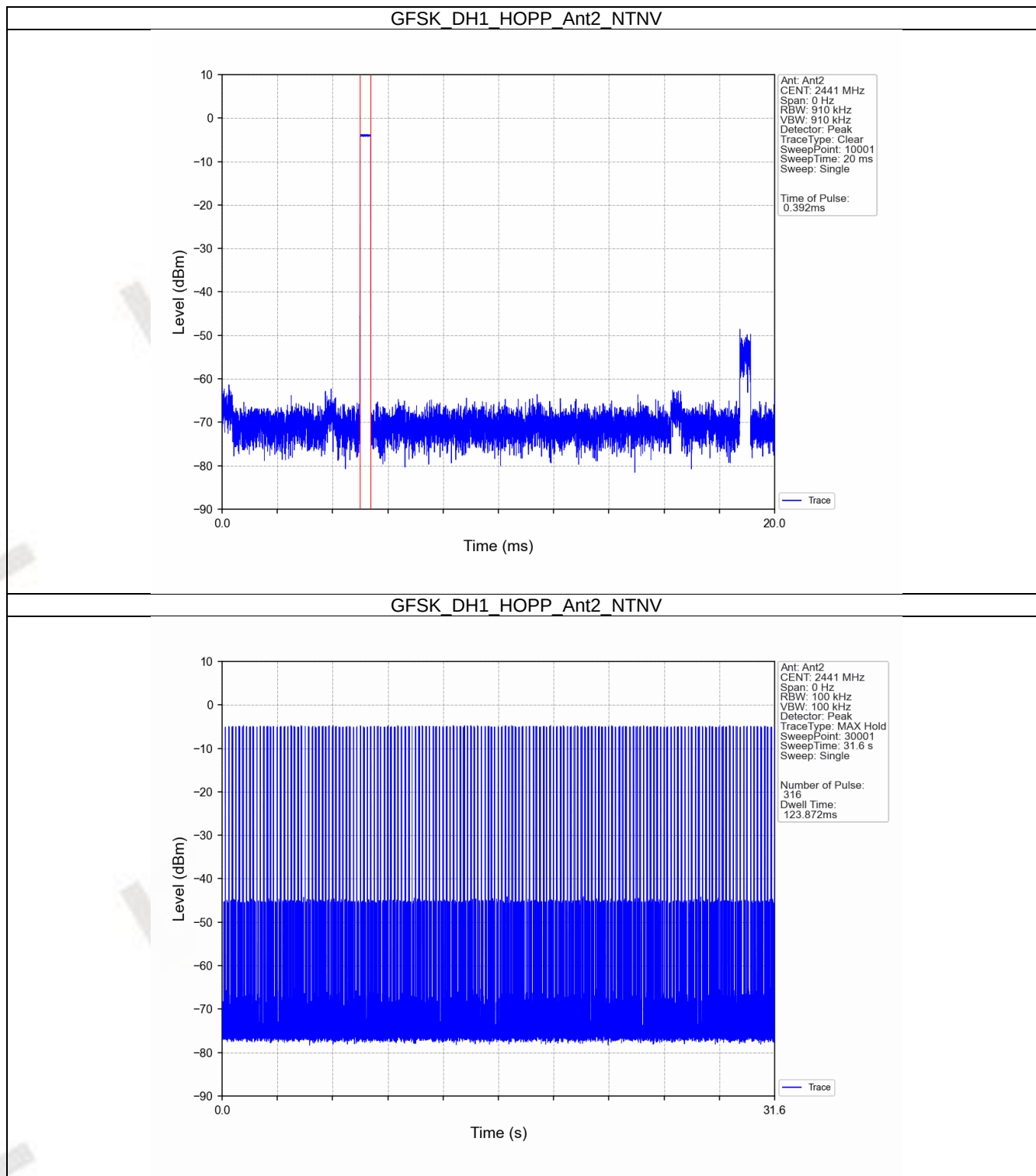
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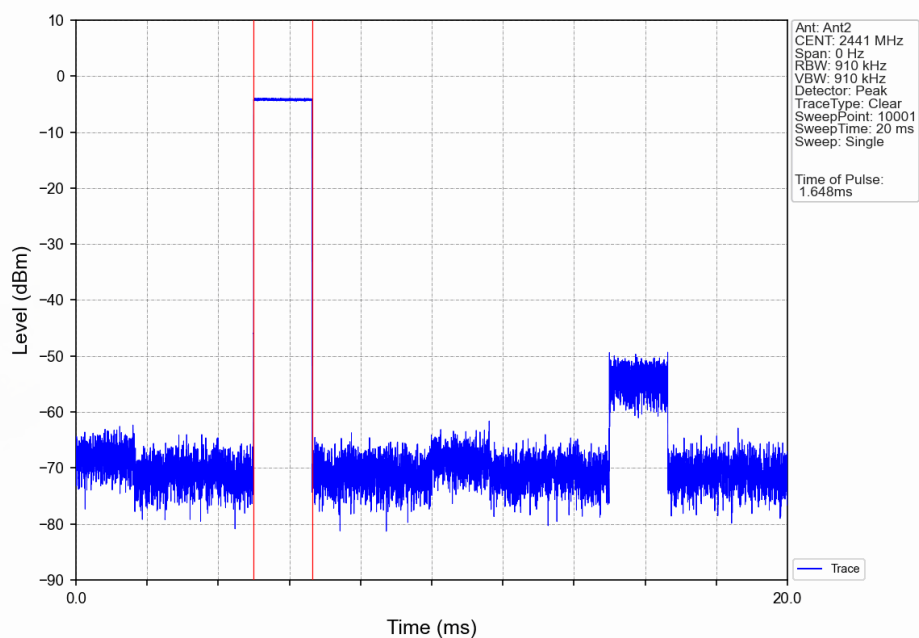
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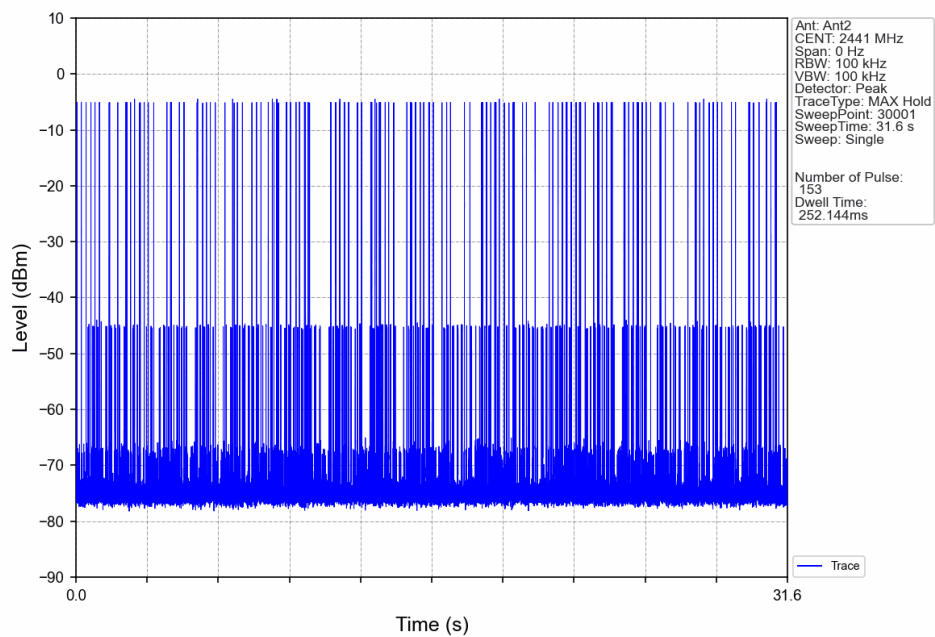
5.2.2 Ant2



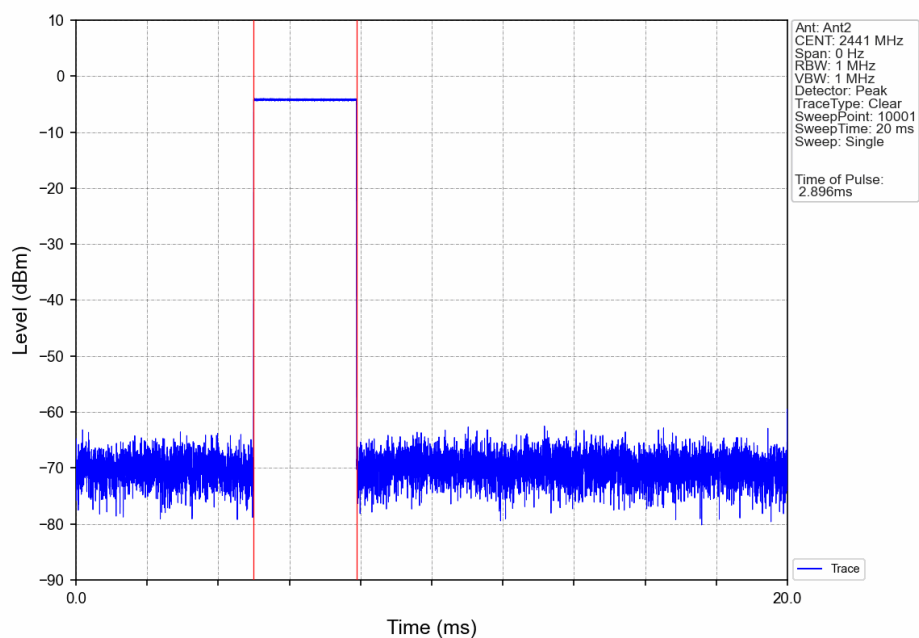
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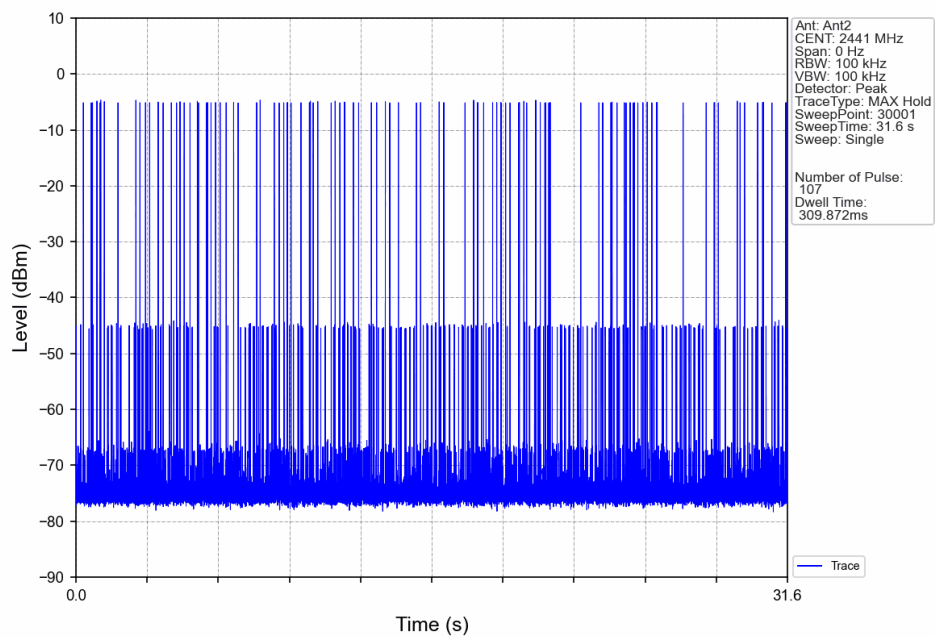
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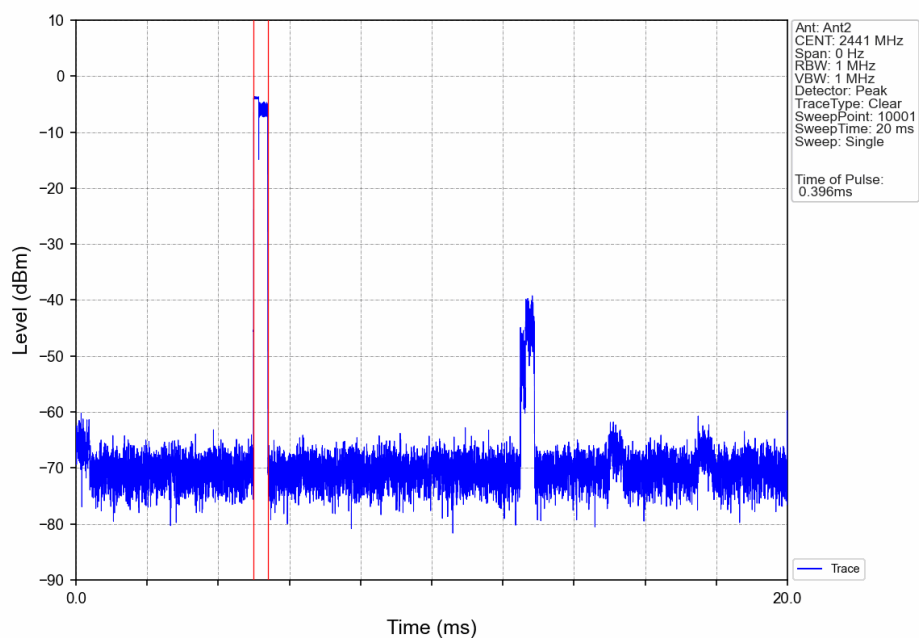
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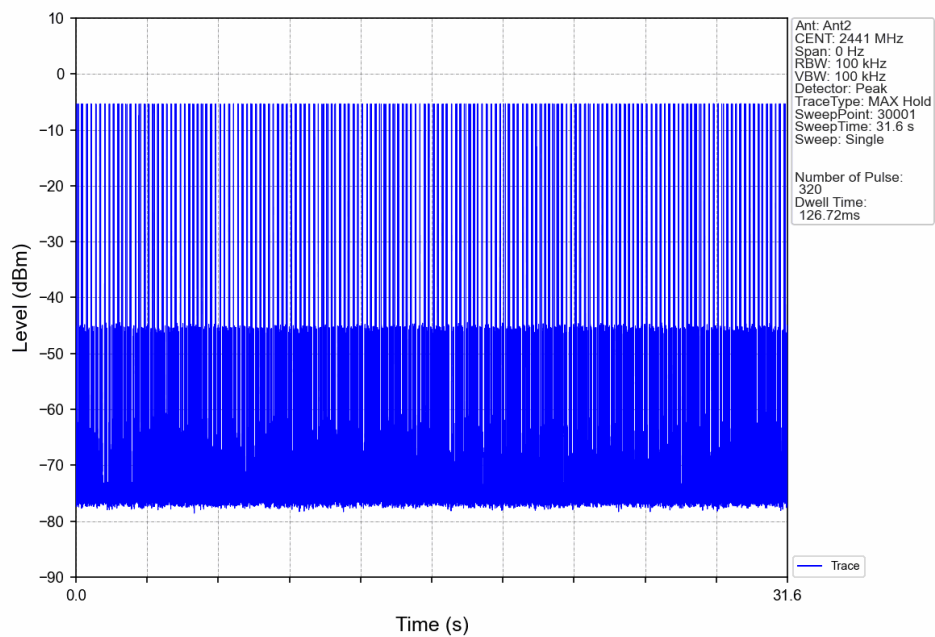
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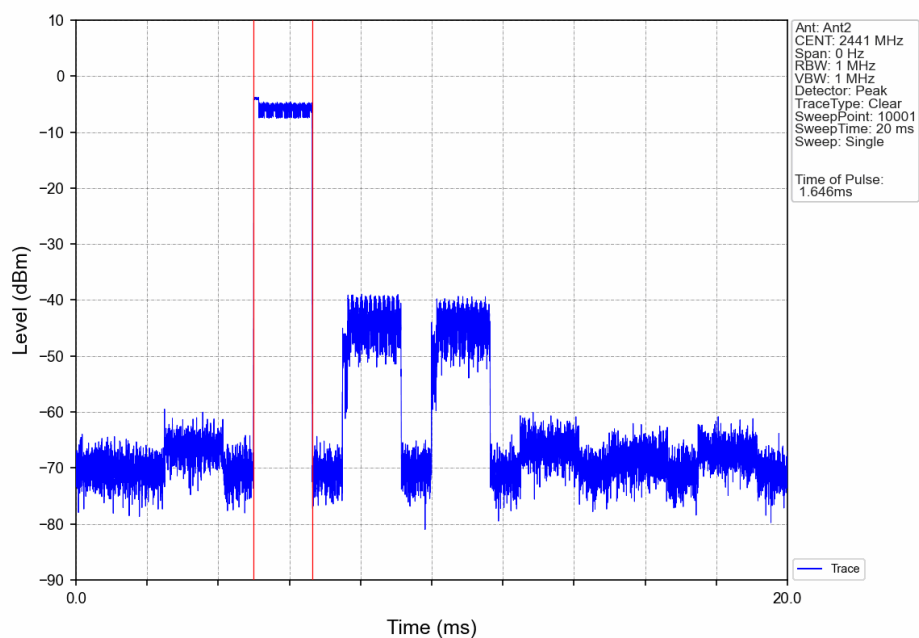
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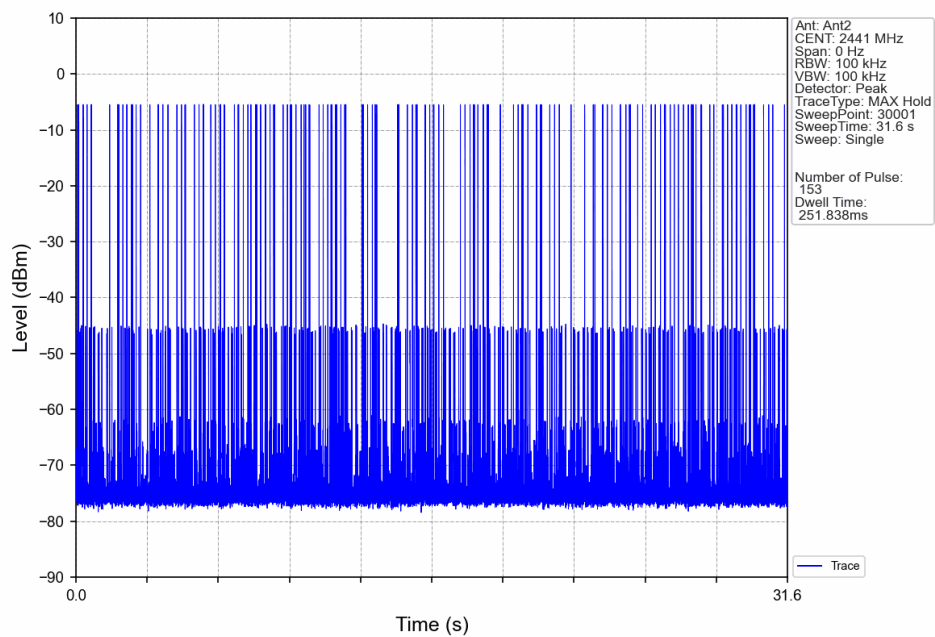
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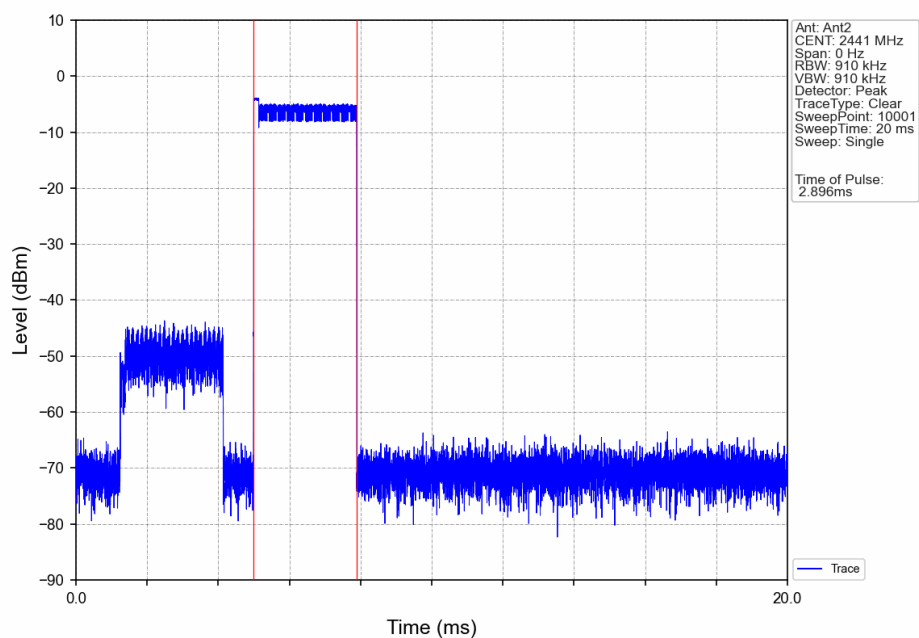
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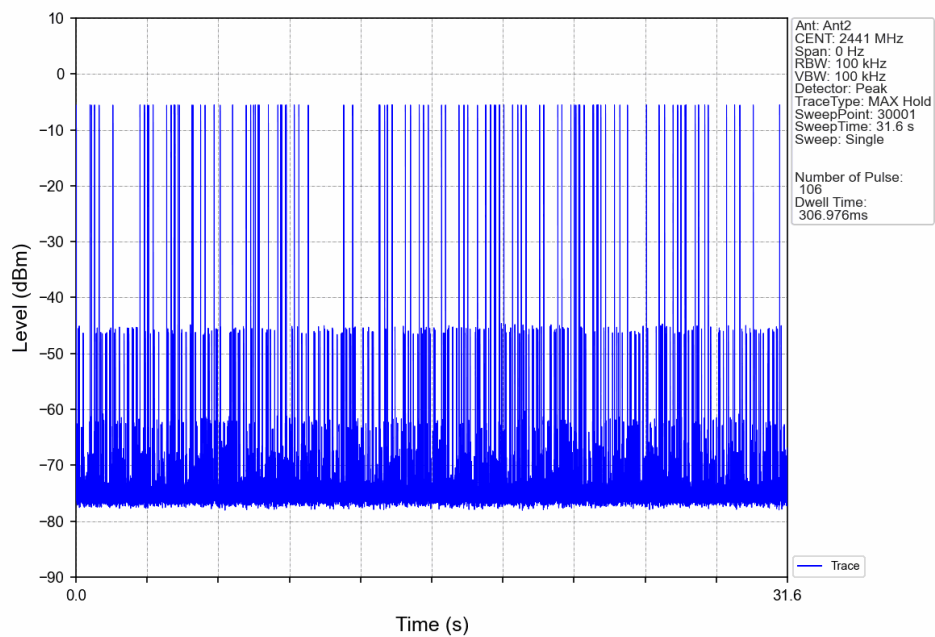
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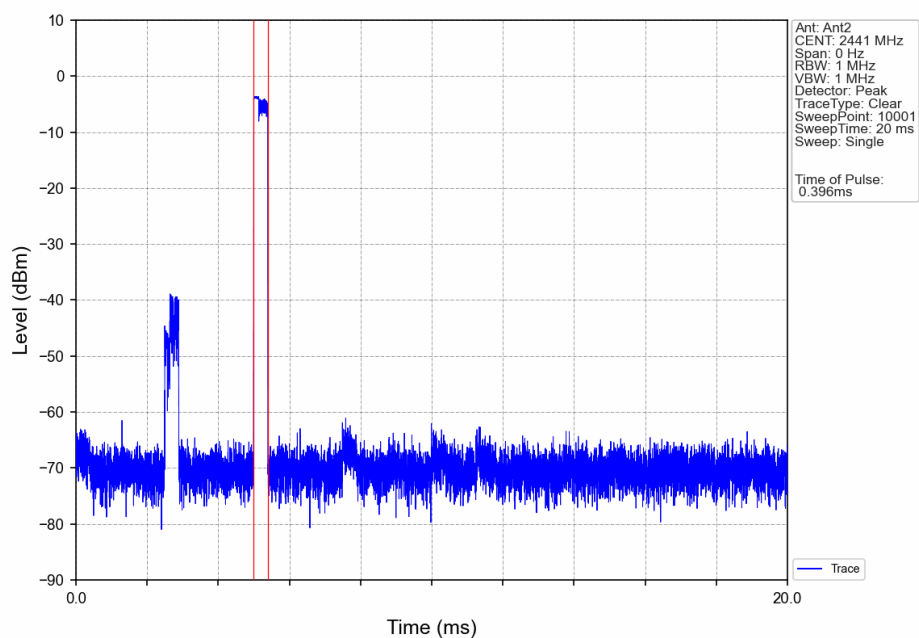
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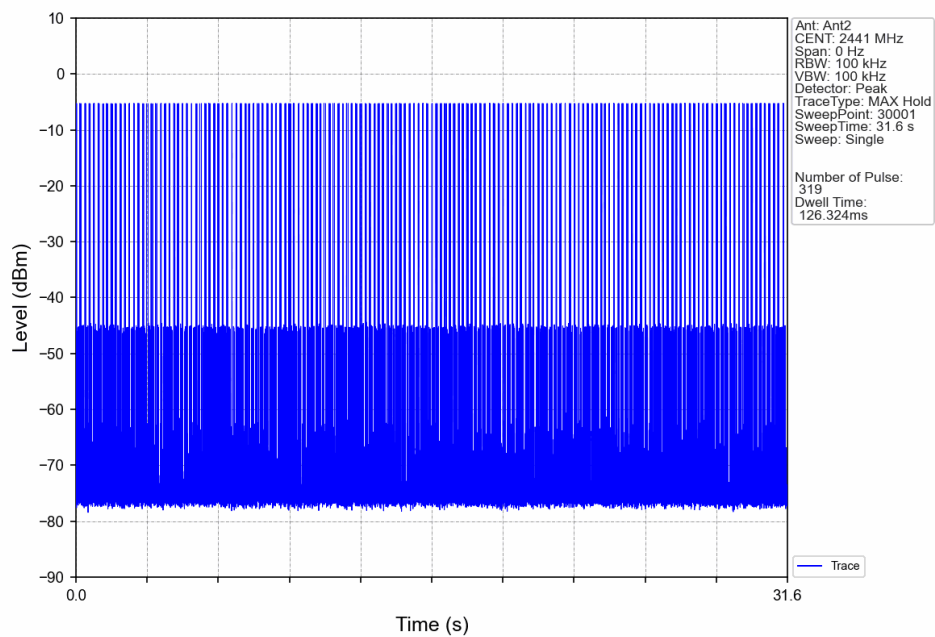
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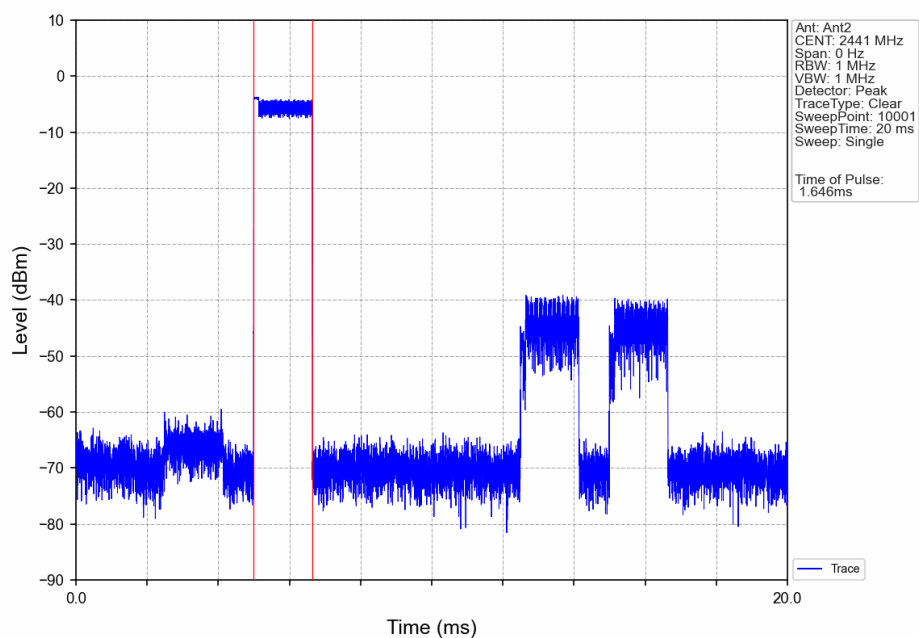
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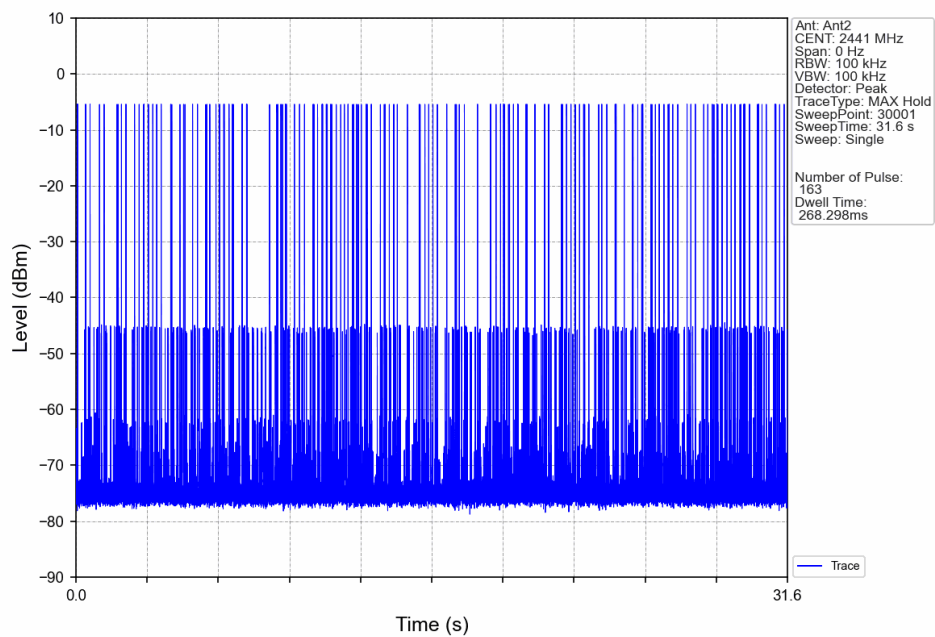
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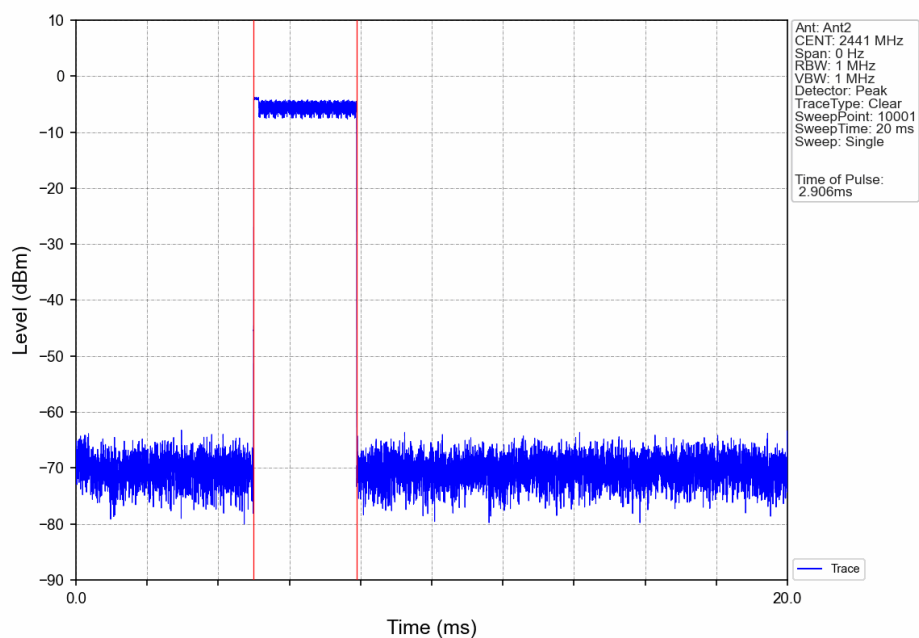
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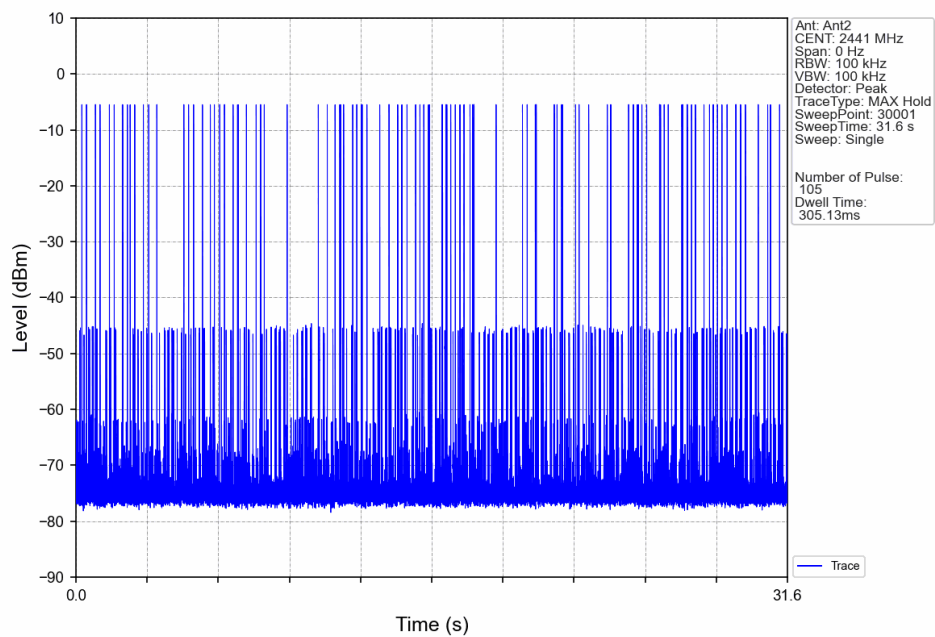
8DPSK_3DH3_HOPP_Ant2_NTNV



8DPSK_3DH5_HOPP_Ant2_NTNV



8DPSK_3DH5_HOPP_Ant2_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-4.96
				2	-21.52
		2441	DH5	1	-4.48
				2	-3.48
		2480	DH5	1	-4.14
				2	-3.15
Pi/4DQPSK	SISO	2402	2DH5	1	-4.08
				2	-3.74
		2441	2DH5	1	-3.61
				2	-3.19
		2480	2DH5	1	-3.32
				2	-2.92
8DPSK	SISO	2402	3DH5	1	-5.00
				2	-4.68
		2441	3DH5	1	-4.63
				2	-4.15
		2480	3DH5	1	-3.19
				2	-3.81

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

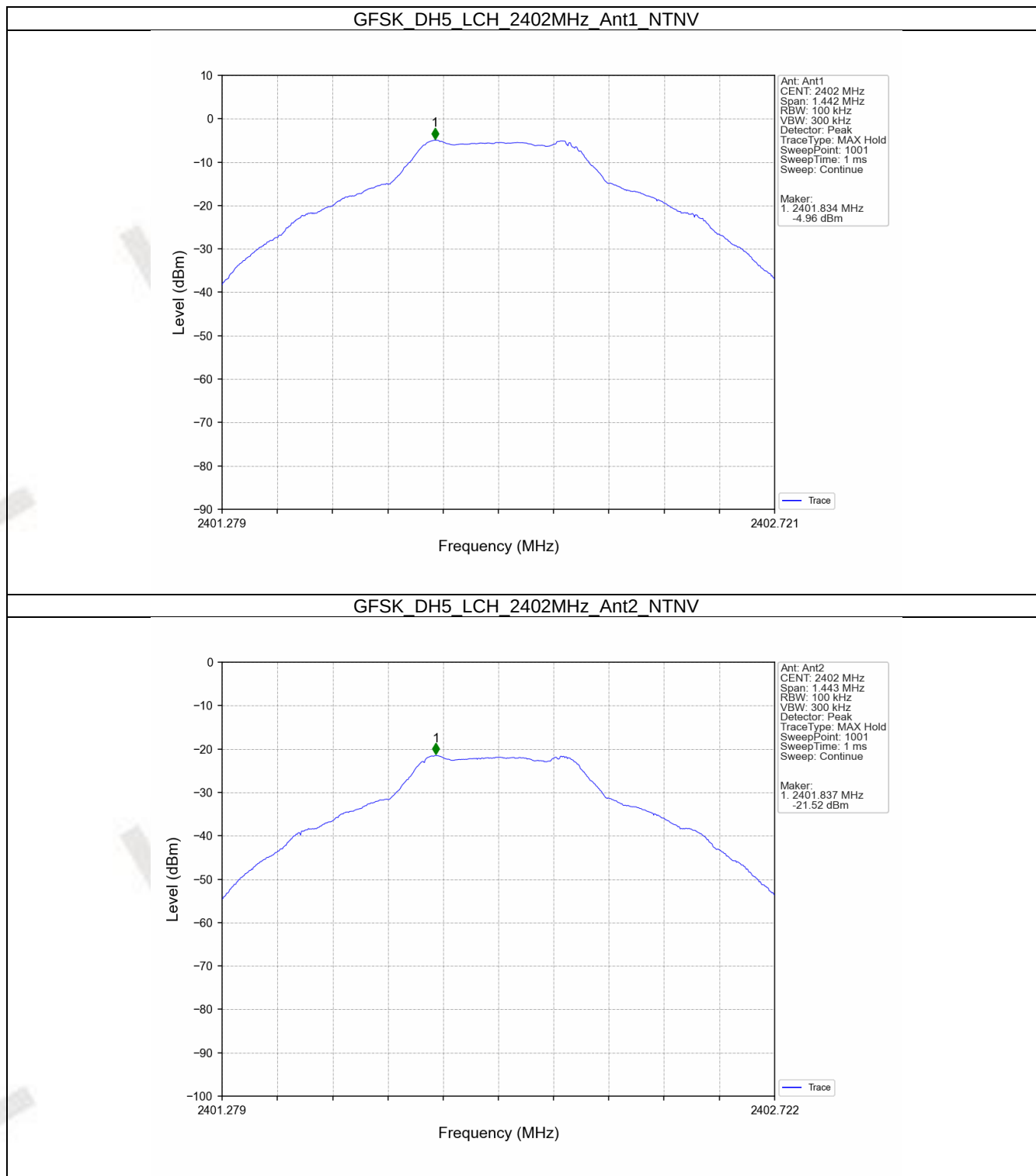
6.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-4.14	-24.14	Pass
				2	-3.15	-23.15	Pass
		2441	DH5	1	-4.14	-24.14	Pass
				2	-3.15	-23.15	Pass
		2480	DH5	1	-4.14	-24.14	Pass
				2	-3.15	-23.15	Pass
		HOPP	DH5	1	-4.14	-24.14	Pass
				2	-4.14	-24.14	Pass
					-3.15	-23.15	Pass
					-3.15	-23.15	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-3.32	-23.32	Pass
				2	-2.92	-22.92	Pass
		2441	2DH5	1	-3.32	-23.32	Pass
				2	-2.92	-22.92	Pass
		2480	2DH5	1	-3.32	-23.32	Pass
				2	-2.92	-22.92	Pass
		HOPP	2DH5	1	-3.32	-23.32	Pass
				2	-3.32	-23.32	Pass
					-2.92	-22.92	Pass
					-2.92	-22.92	Pass
8DPSK	SISO	2402	3DH5	1	-3.19	-23.19	Pass
				2	-3.81	-23.81	Pass
		2441	3DH5	1	-3.19	-23.19	Pass
				2	-3.81	-23.81	Pass
		2480	3DH5	1	-3.19	-23.19	Pass
				2	-3.81	-23.81	Pass
				1	-3.19	-23.19	Pass
				2	-3.81	-23.81	Pass

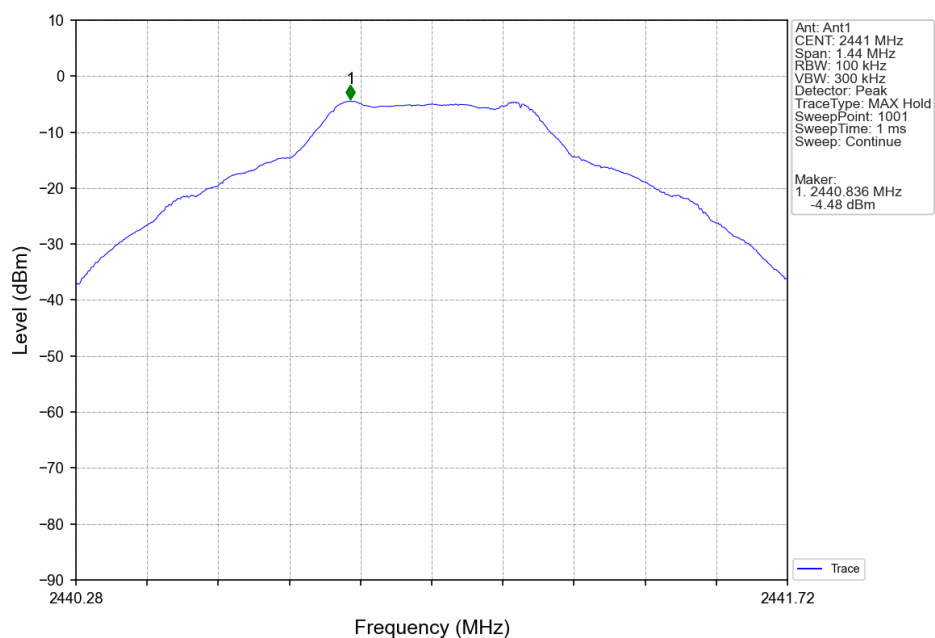
		HOPP	3DH5	1	-3.19	-23.19	Pass
					-3.19	-23.19	Pass
				2	-3.81	-23.81	Pass
					-3.81	-23.81	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.							

6.2 Test Graph

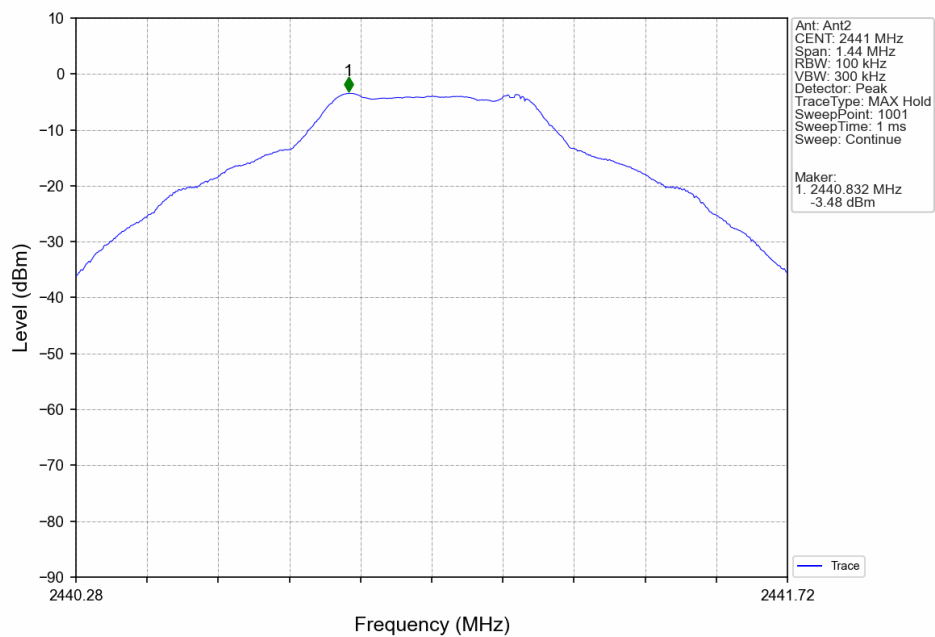
6.2.1 Ref



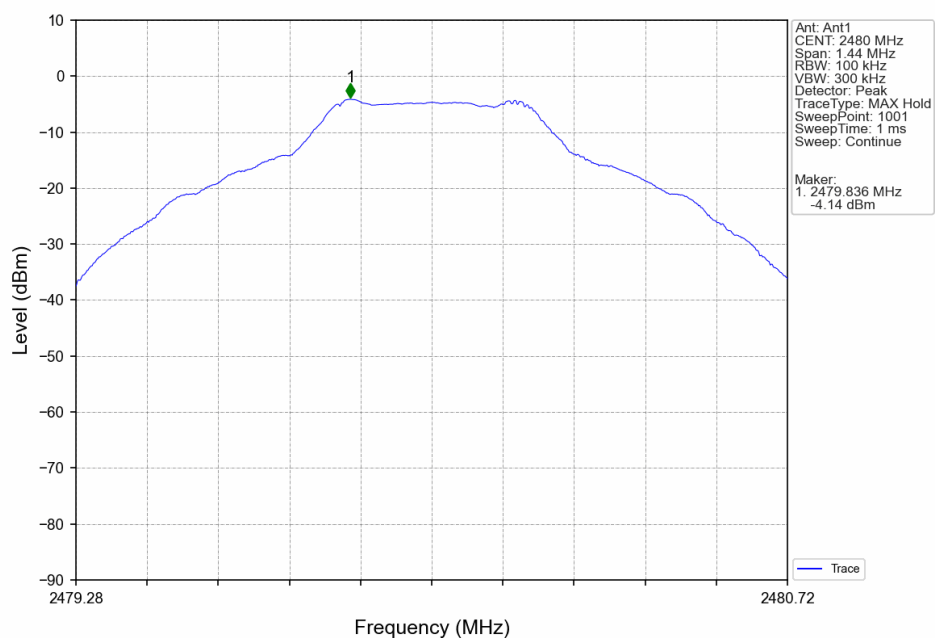
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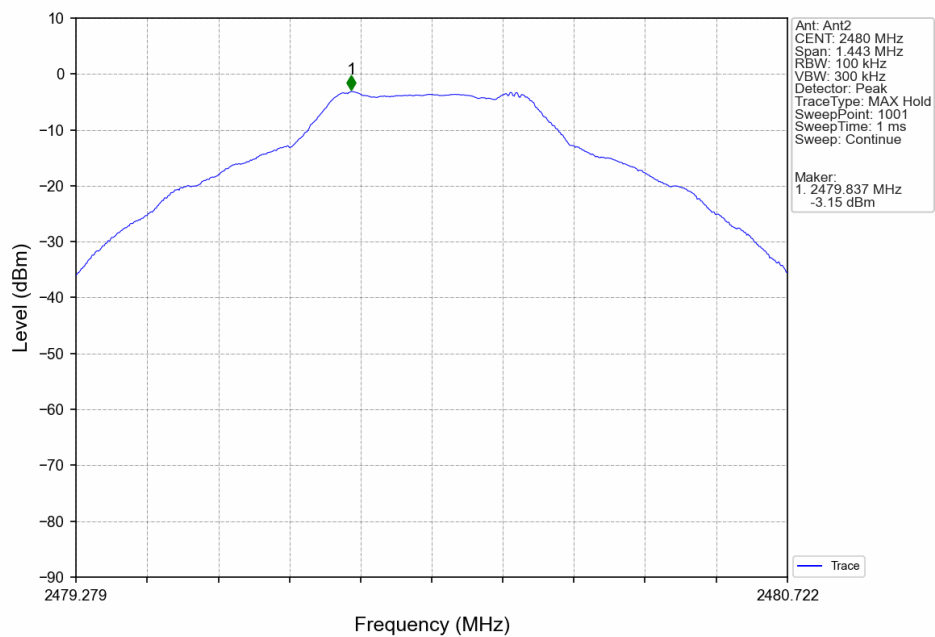
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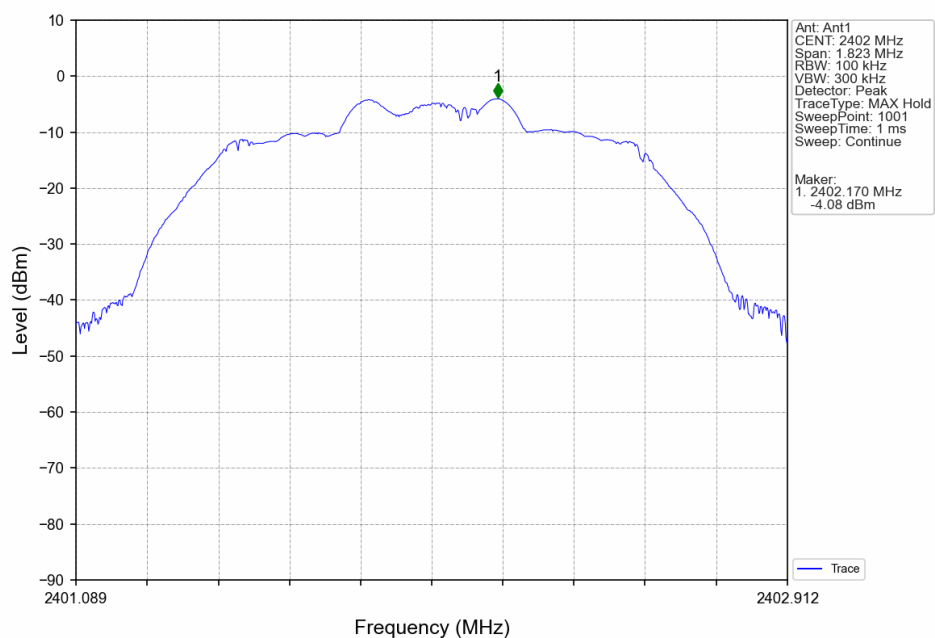
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



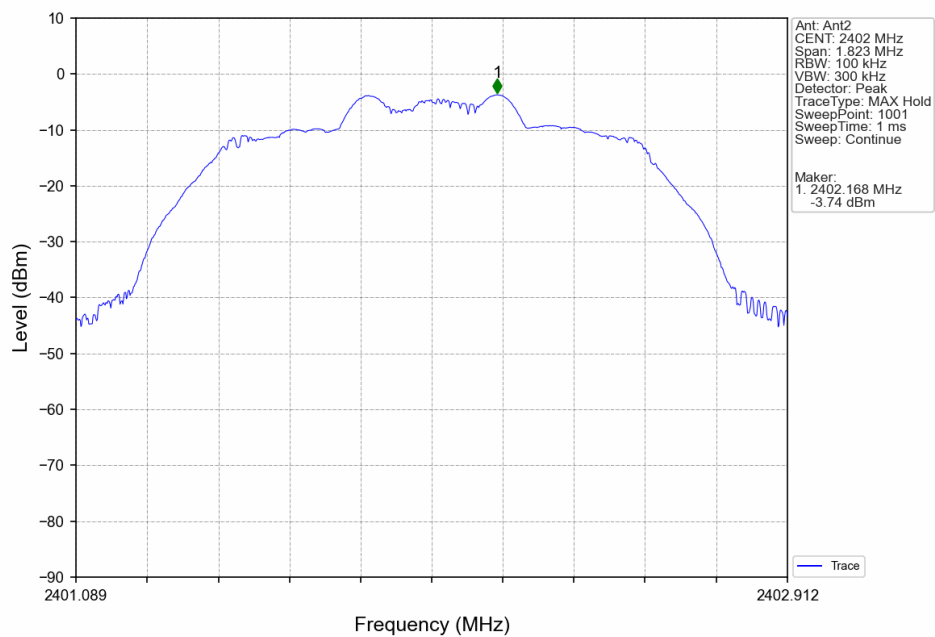
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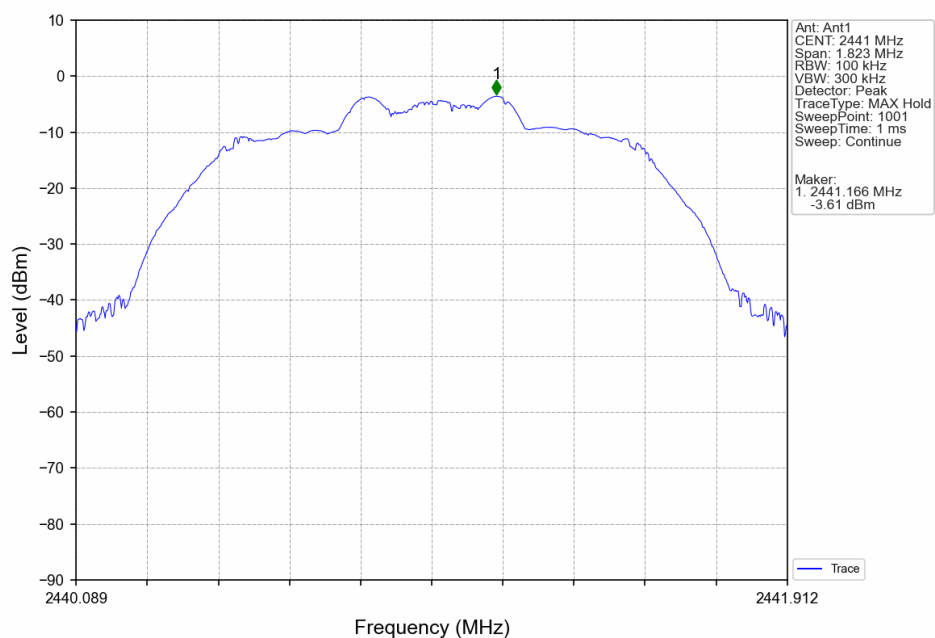
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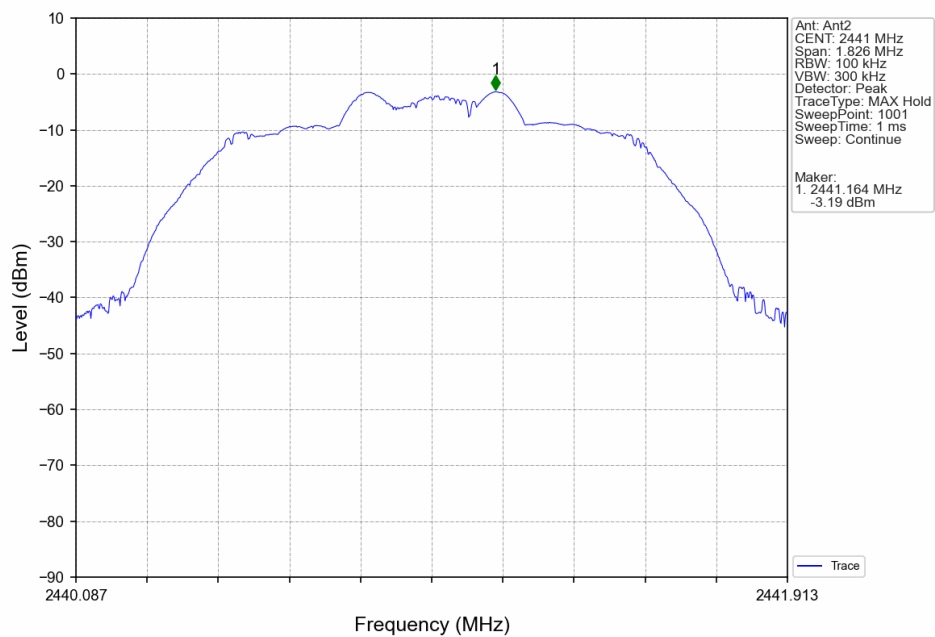
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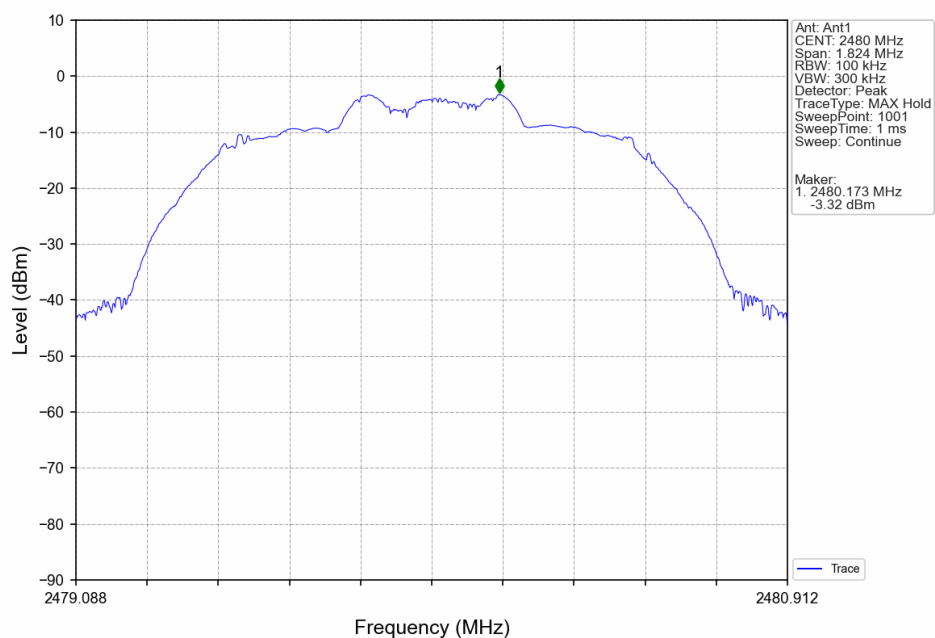
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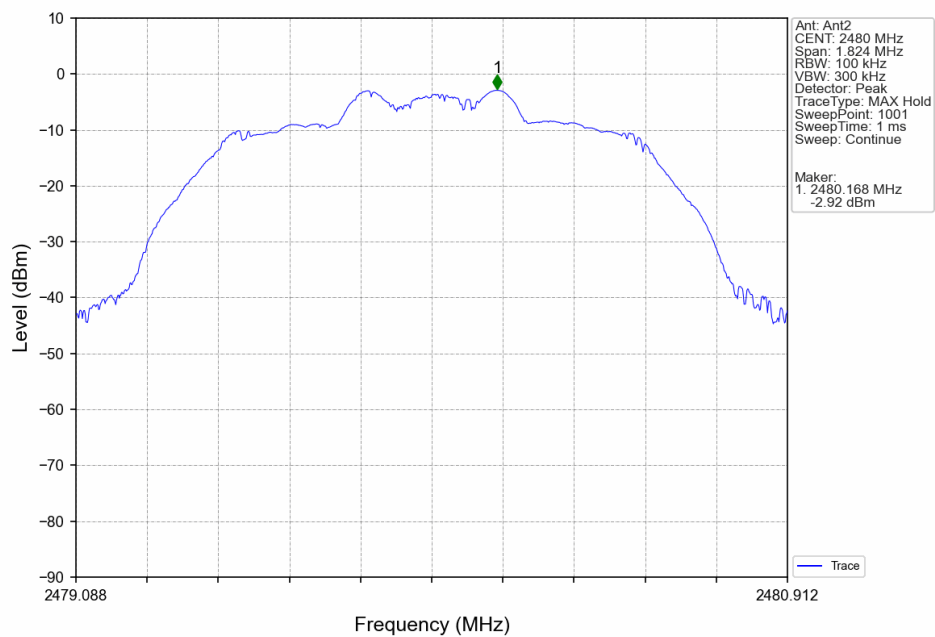
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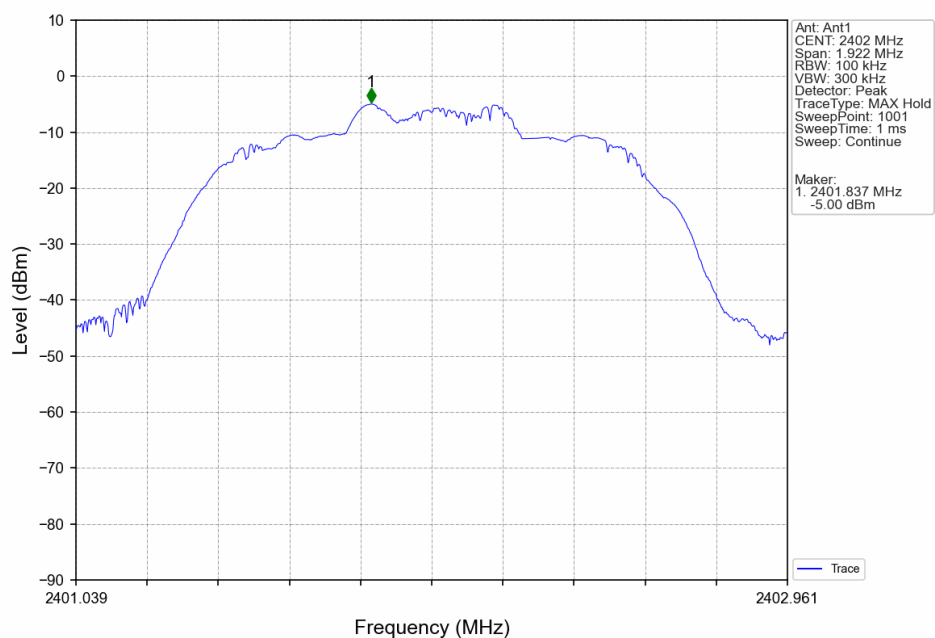
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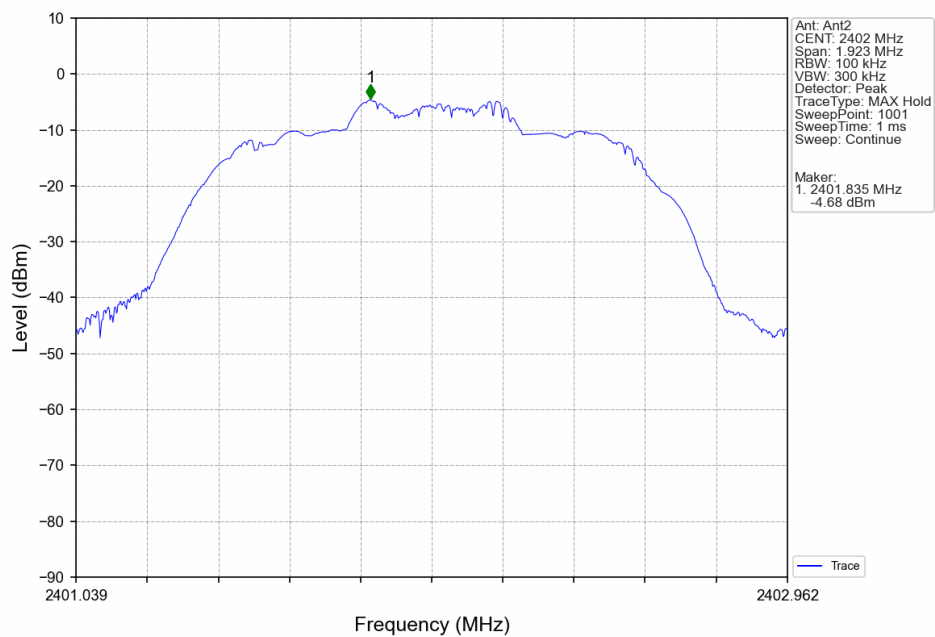
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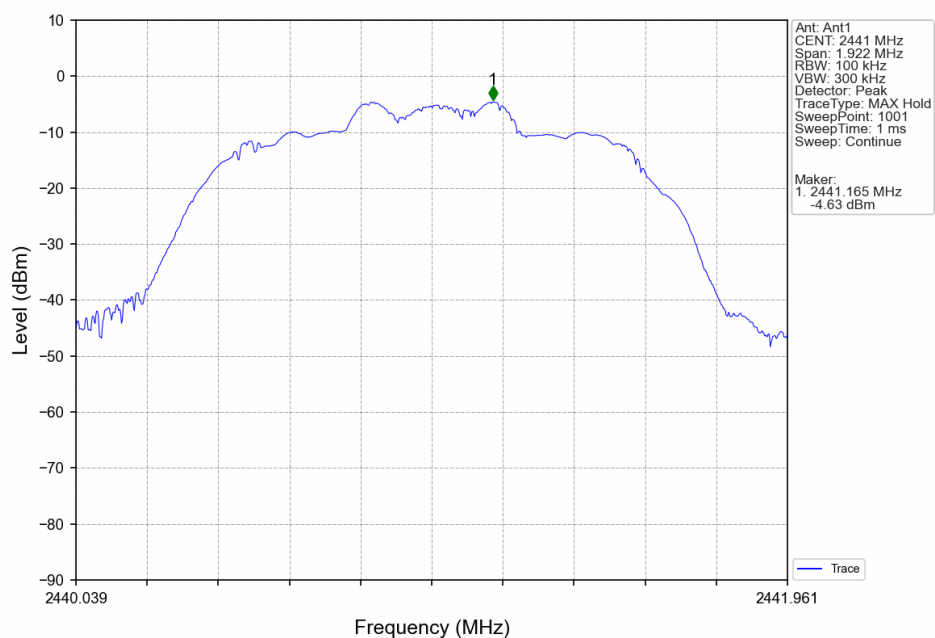
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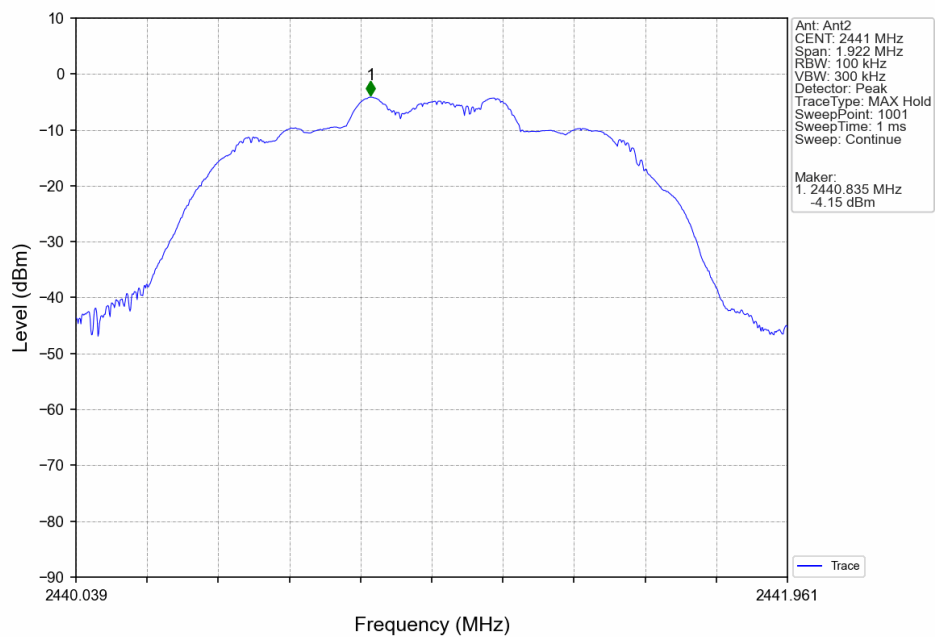
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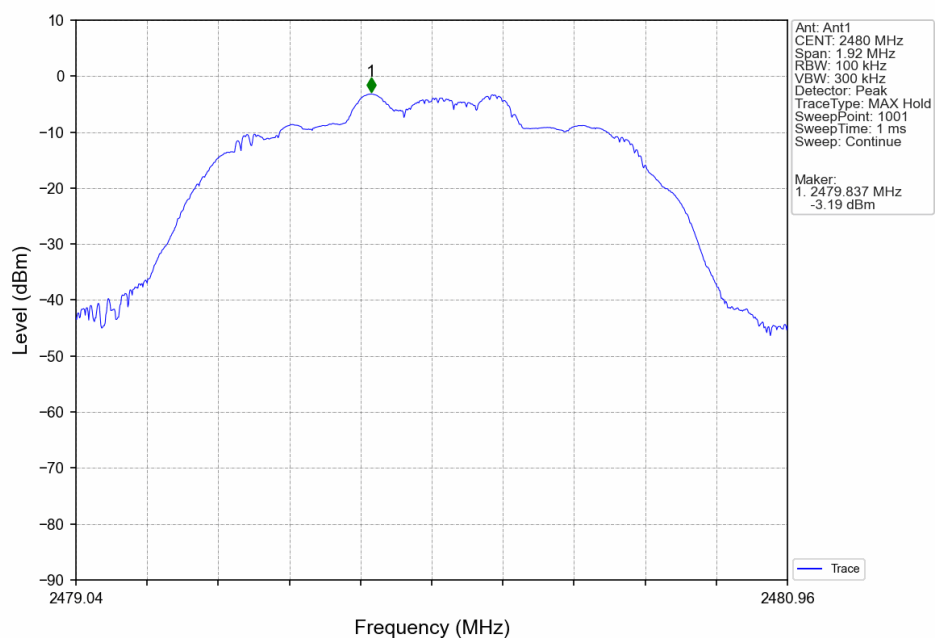
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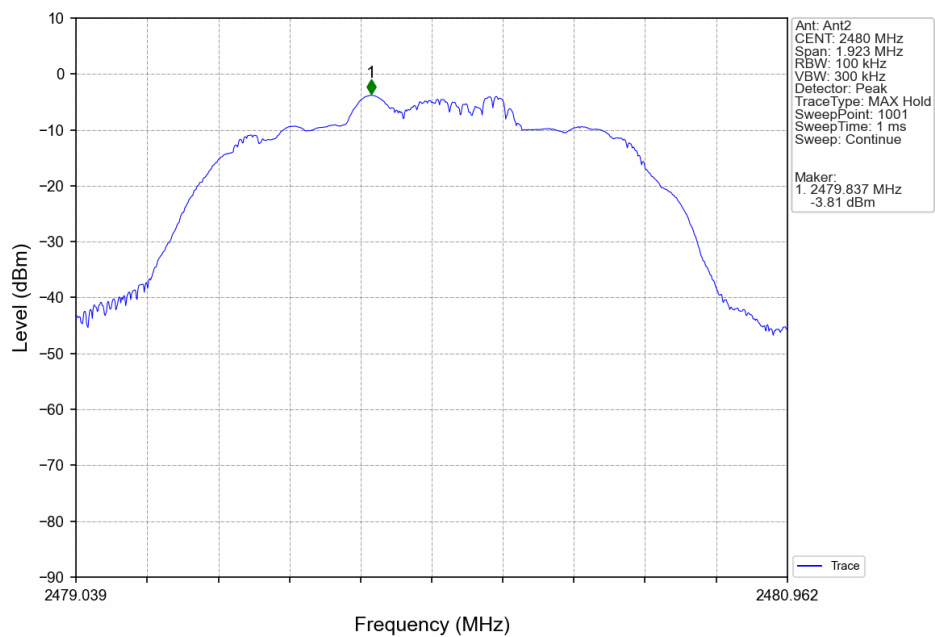
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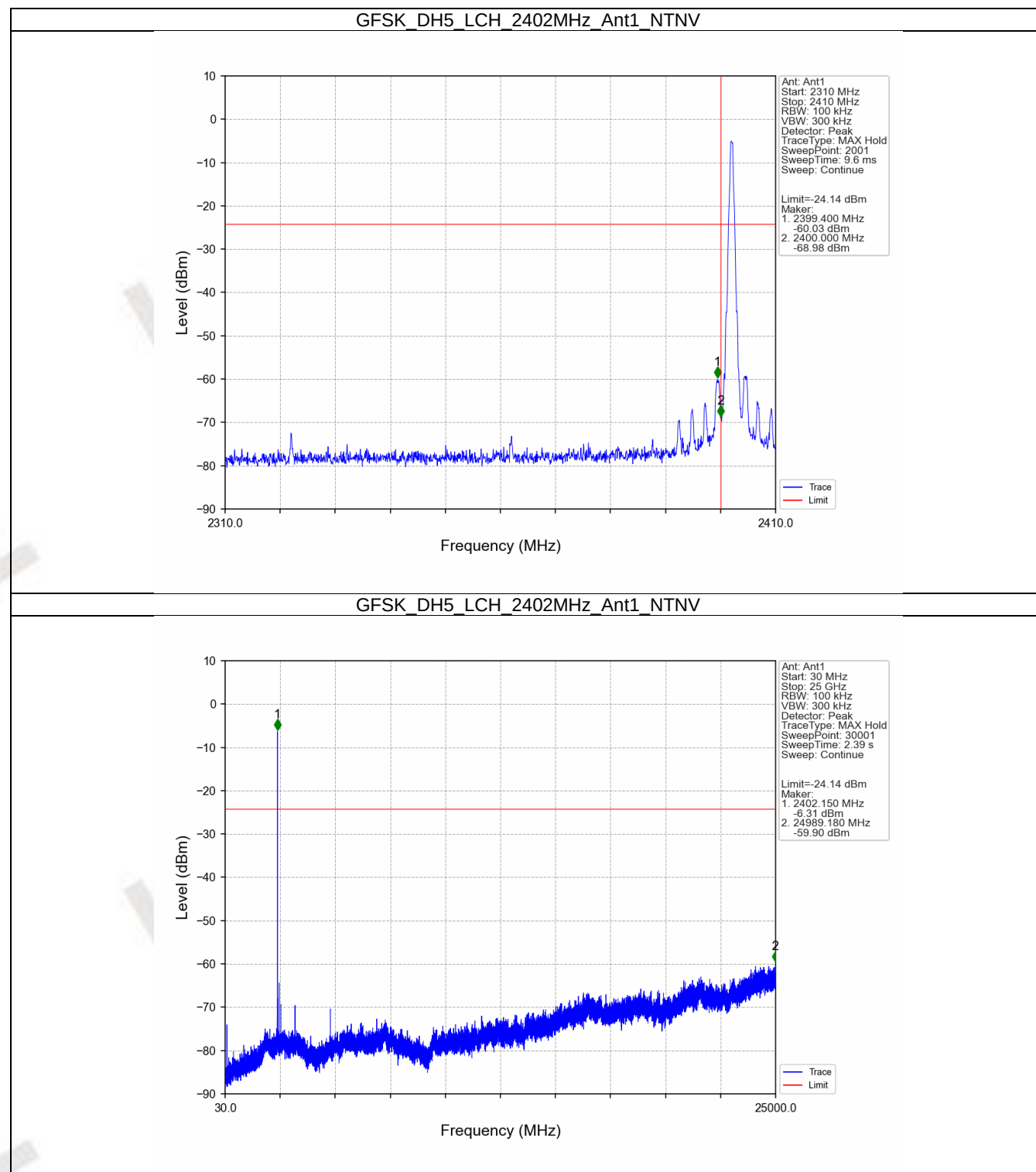
8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



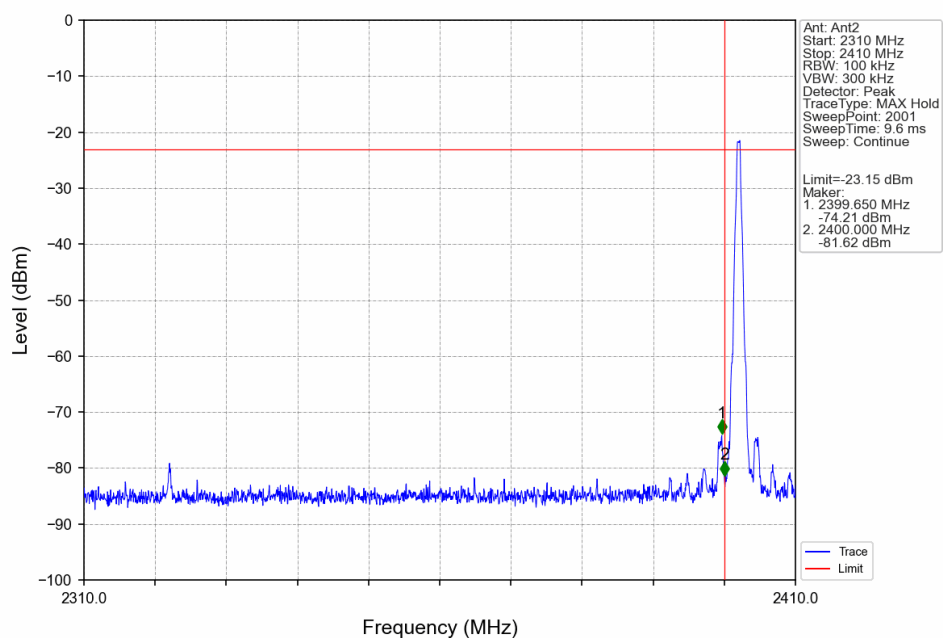
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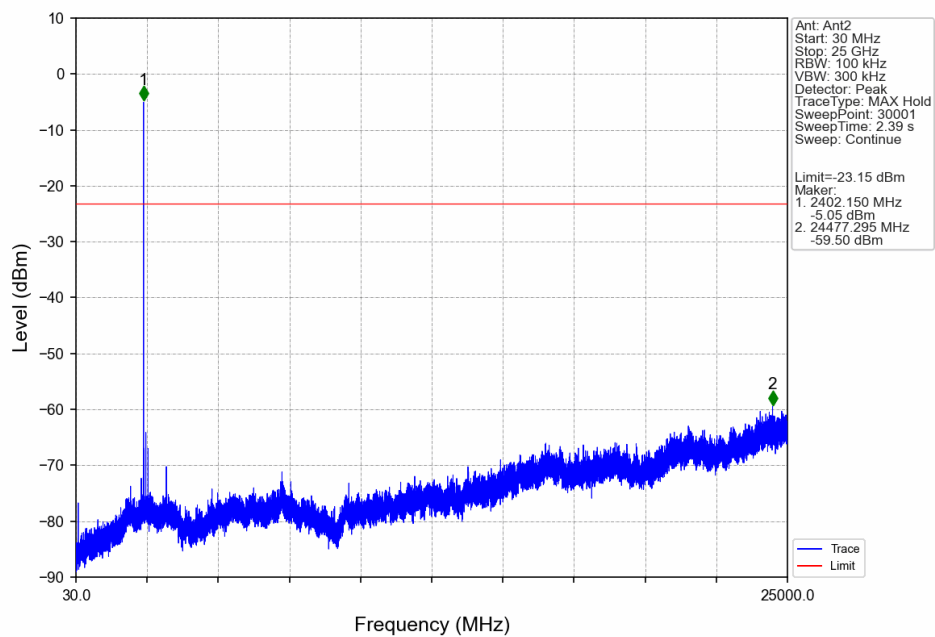
6.2.2 CSE



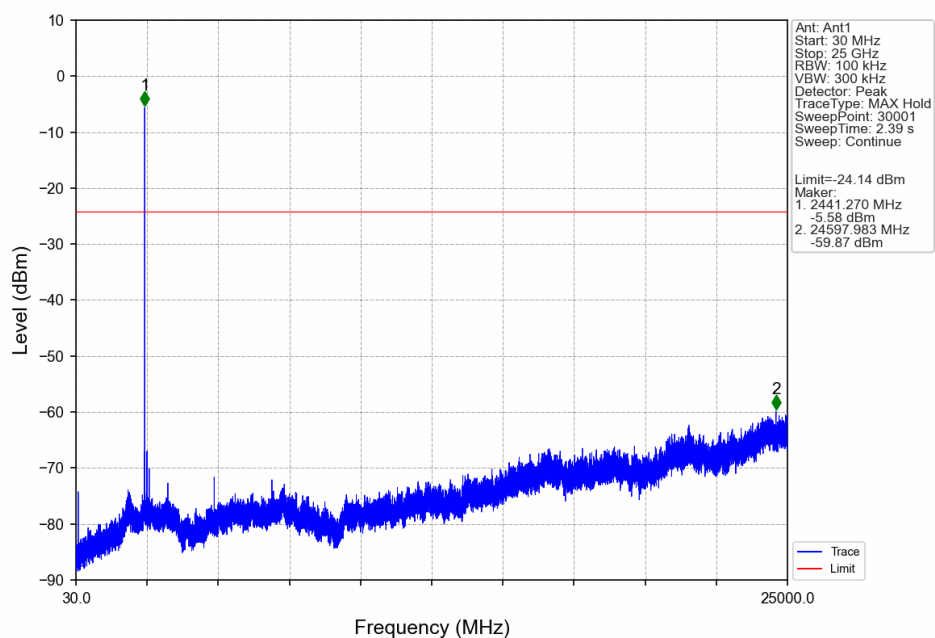
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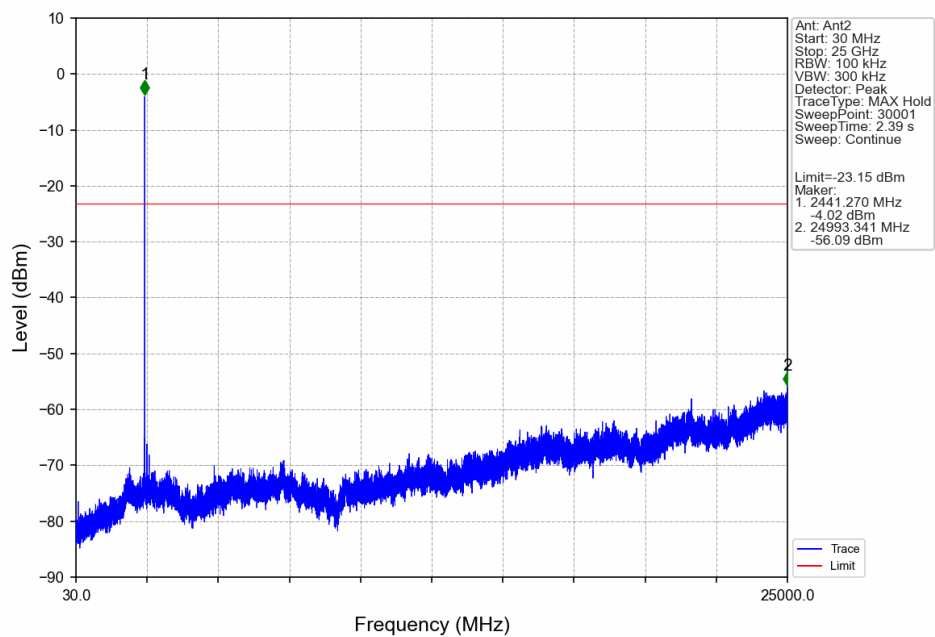
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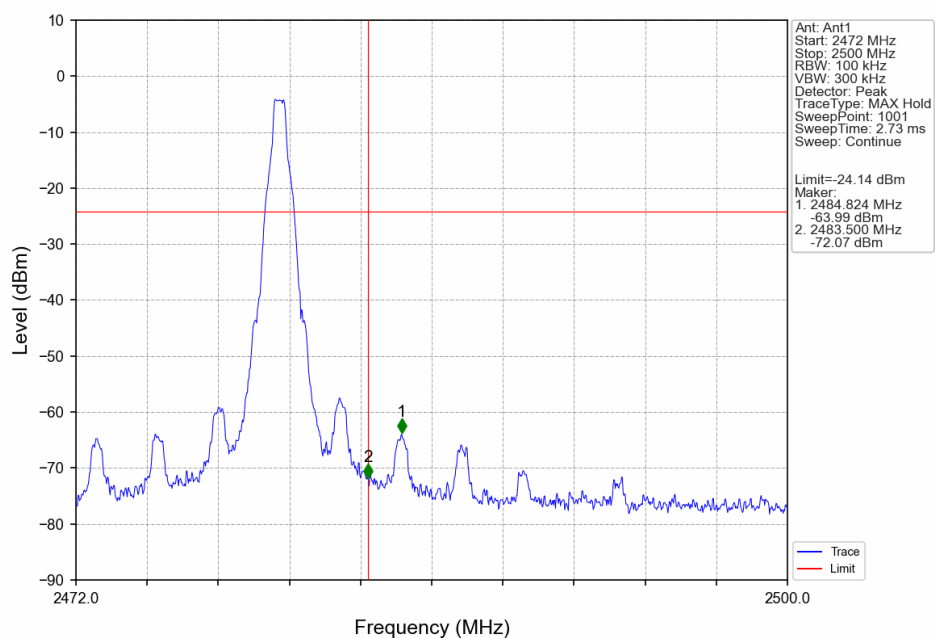
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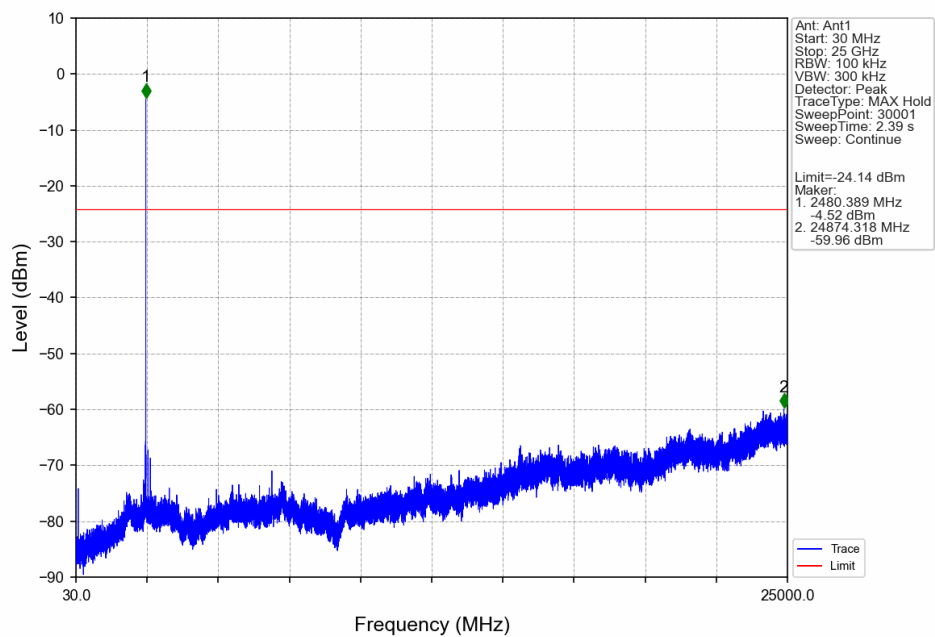
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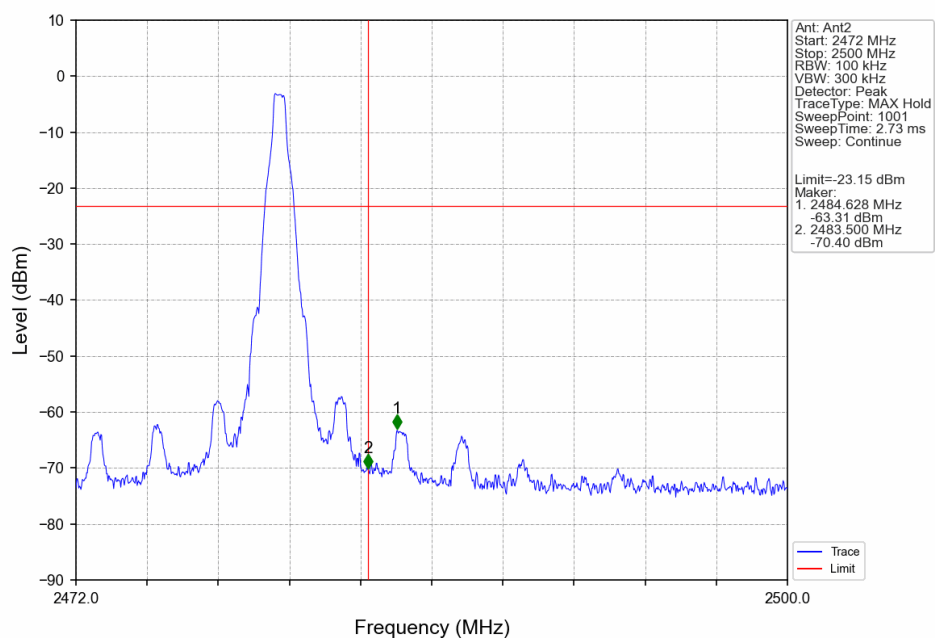
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



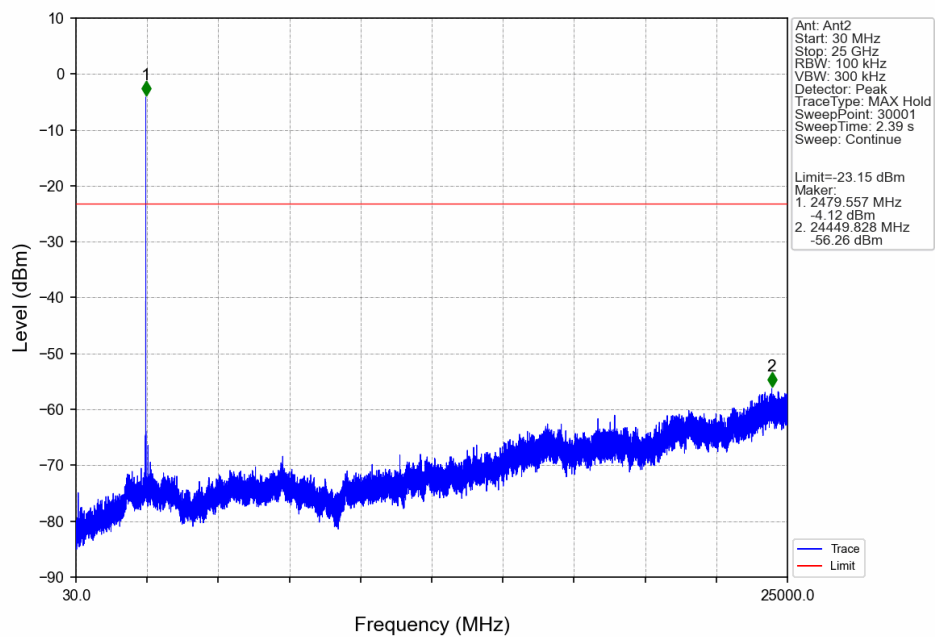
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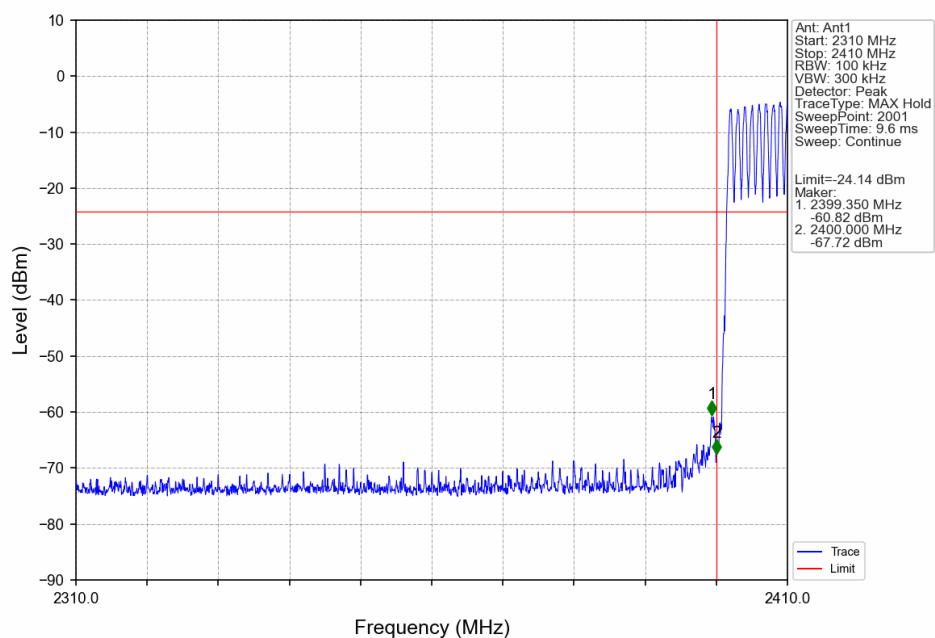
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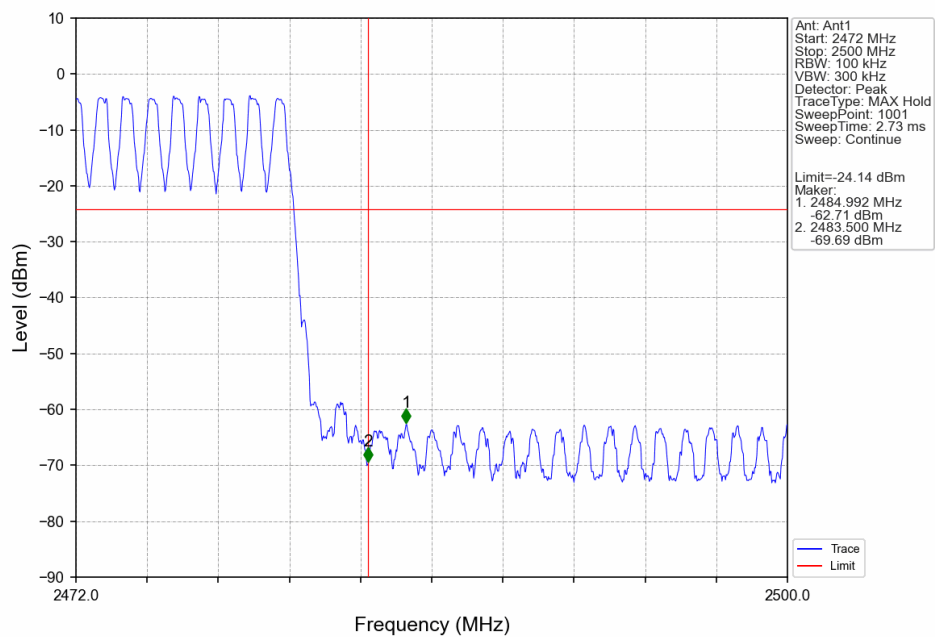
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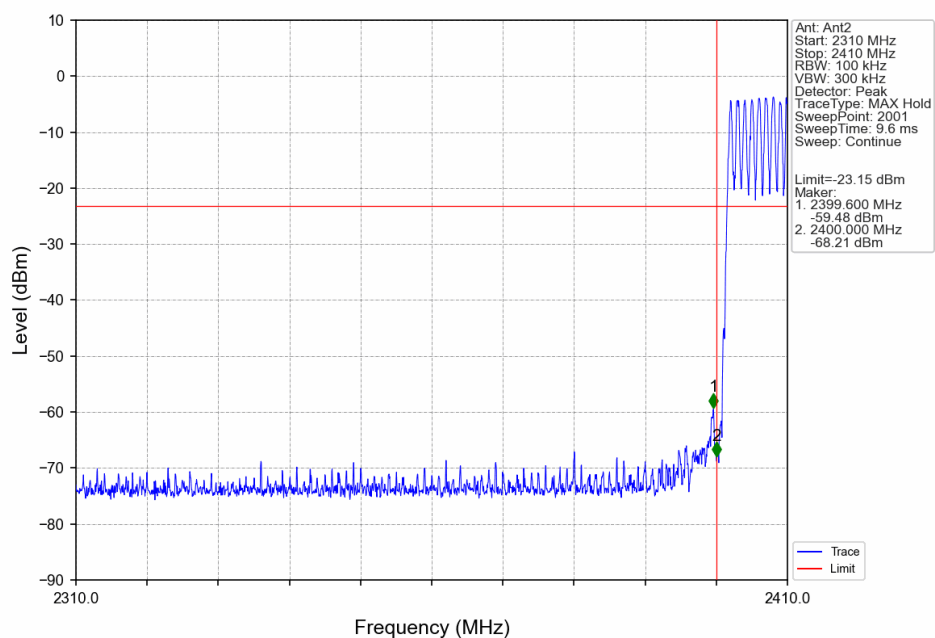
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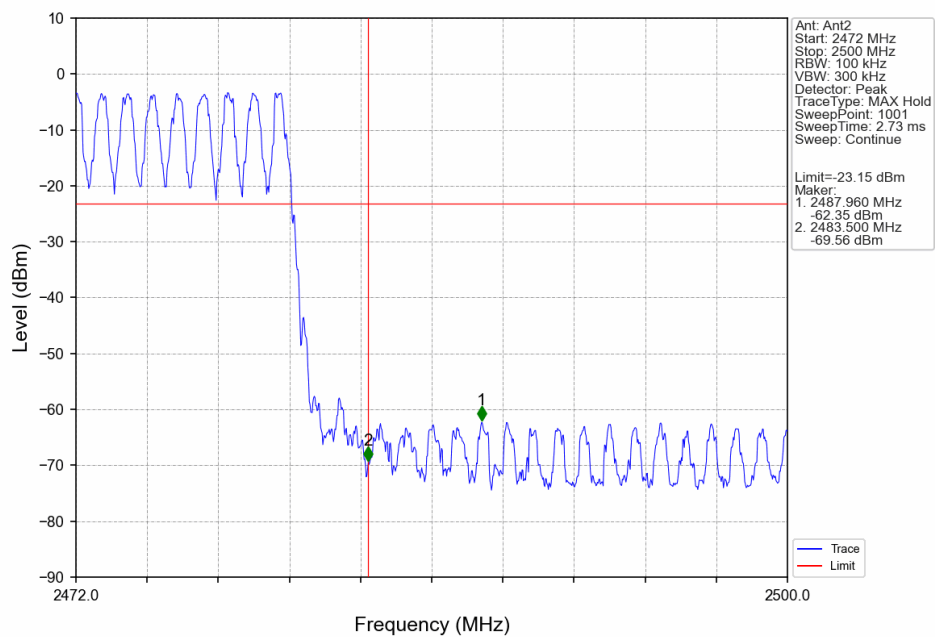
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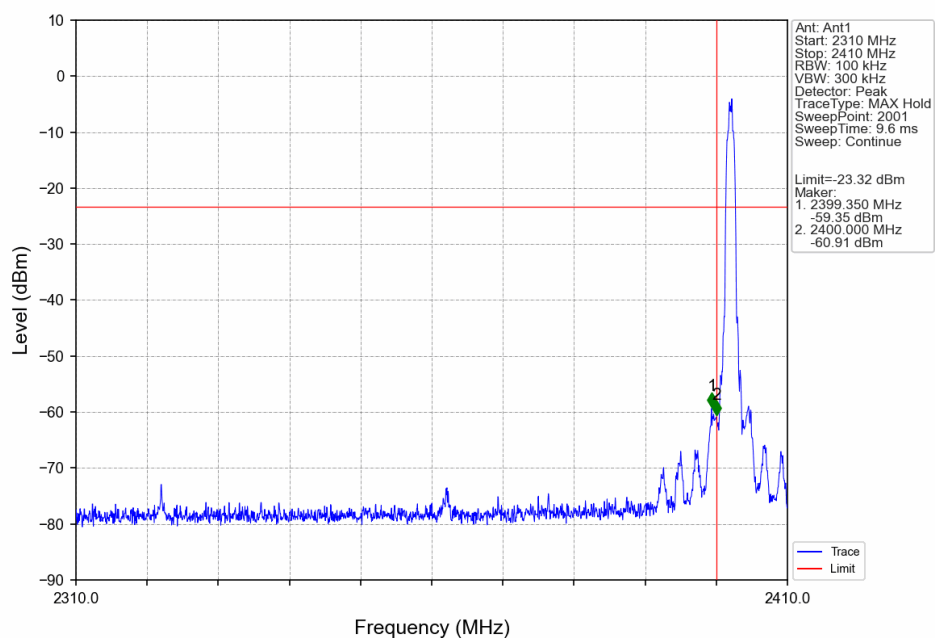
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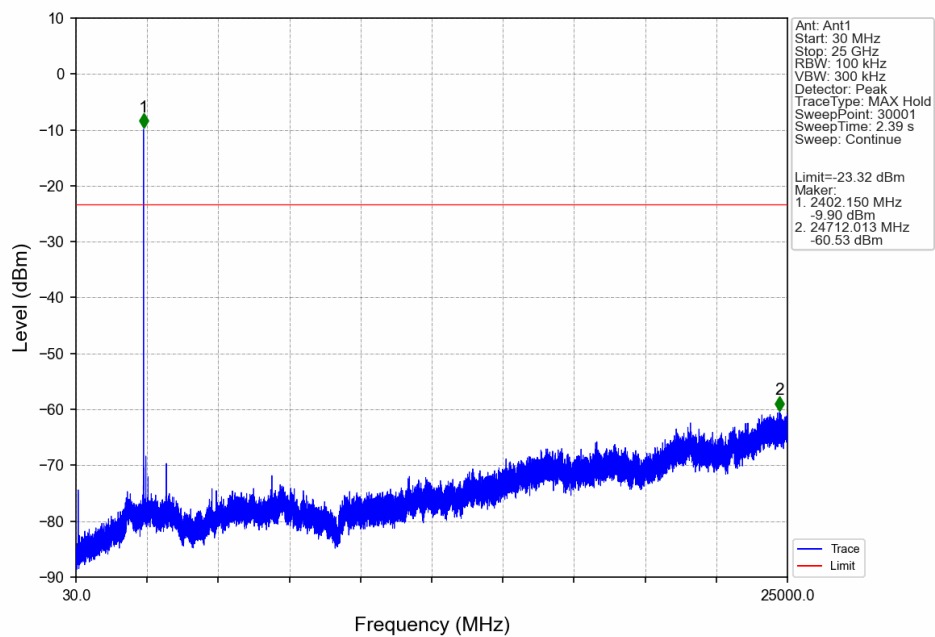
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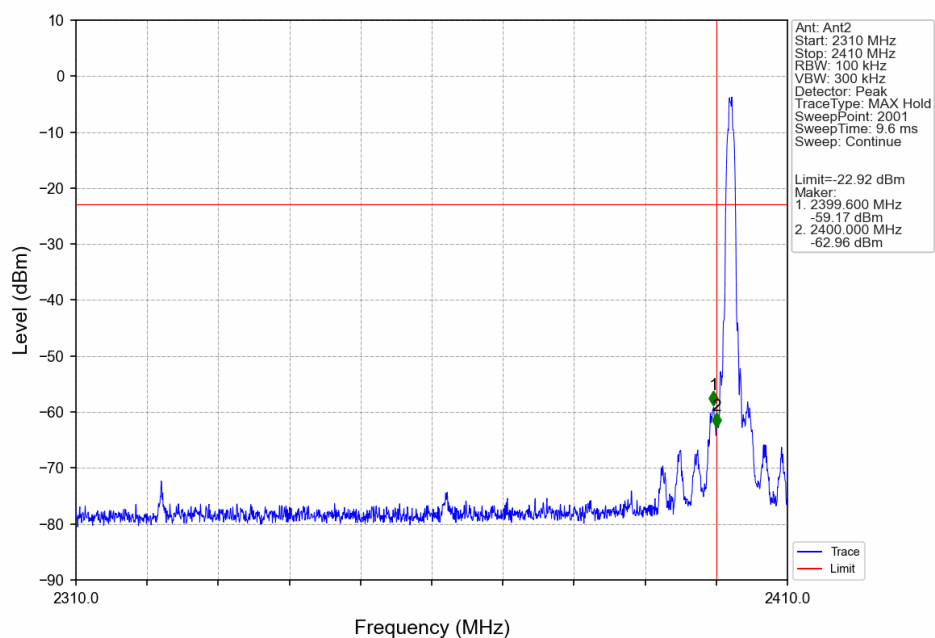
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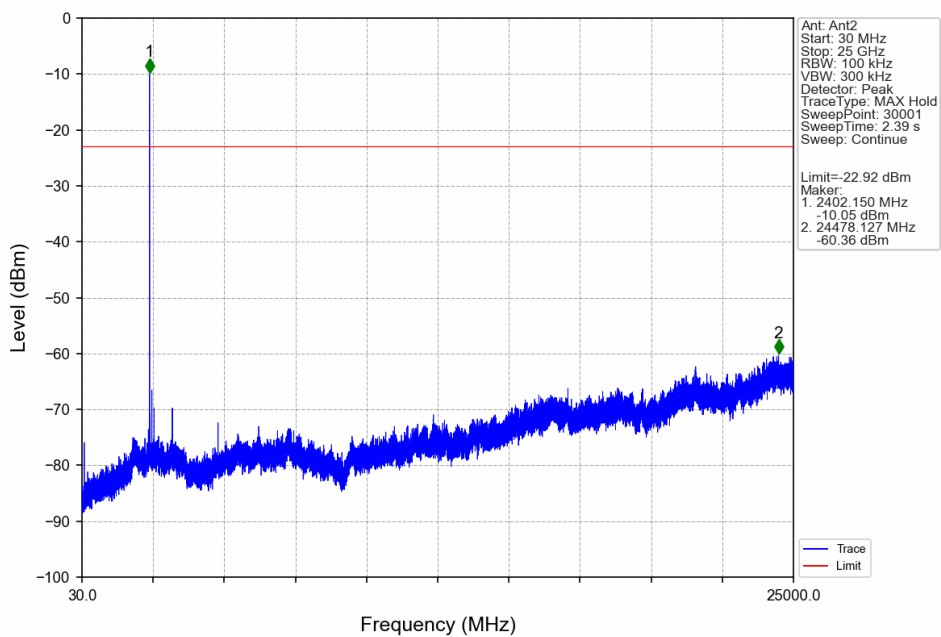
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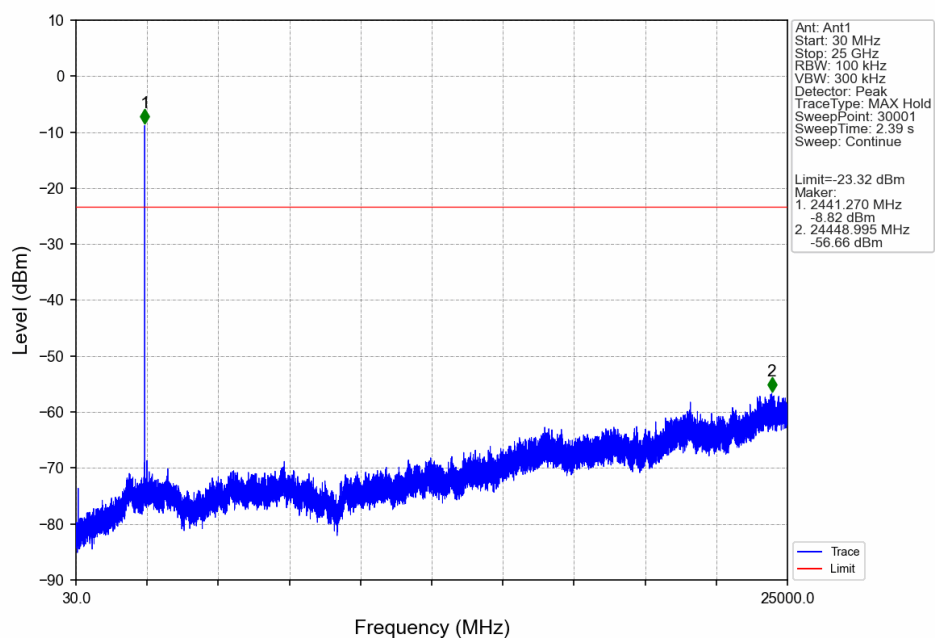
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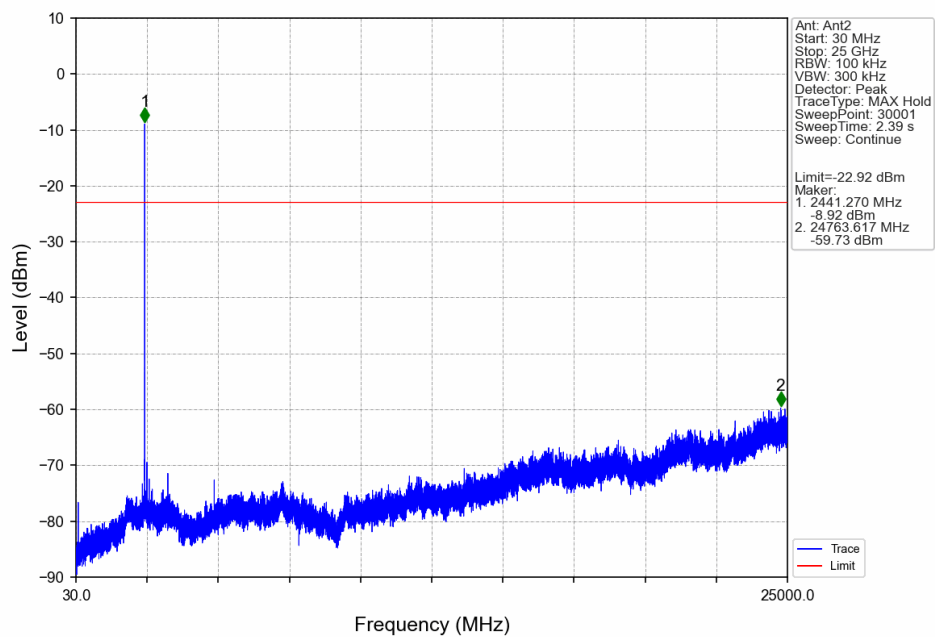
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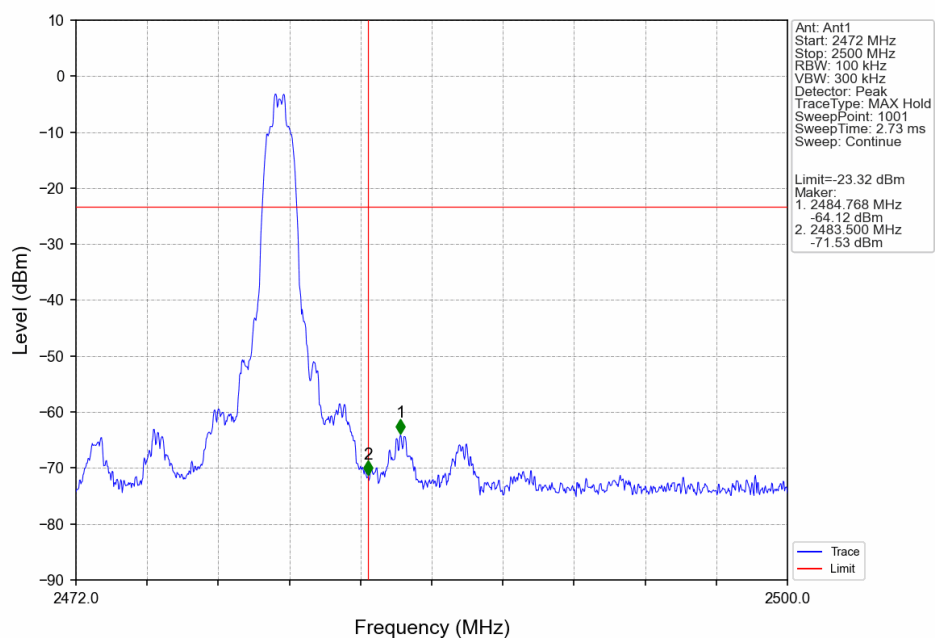
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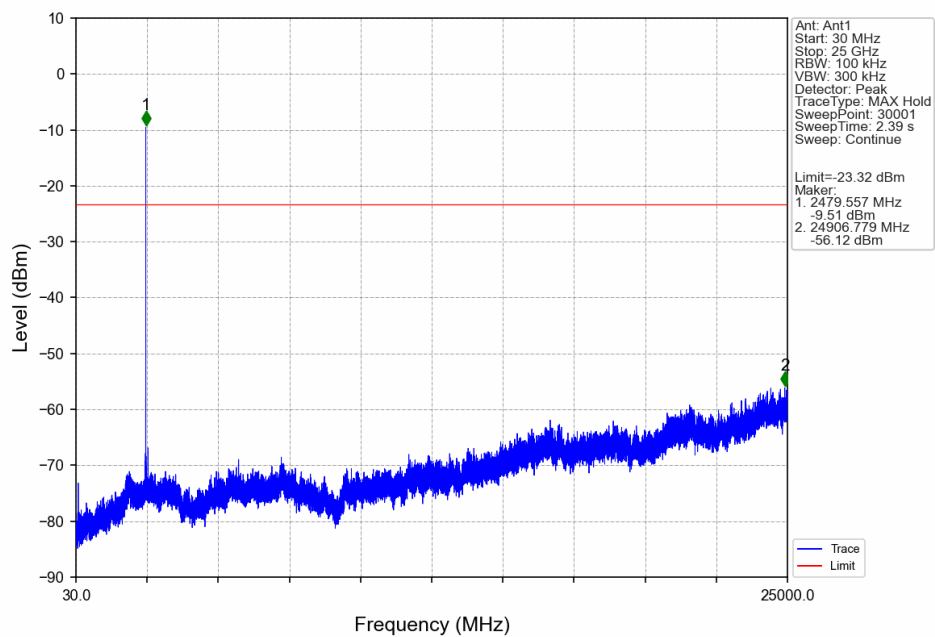
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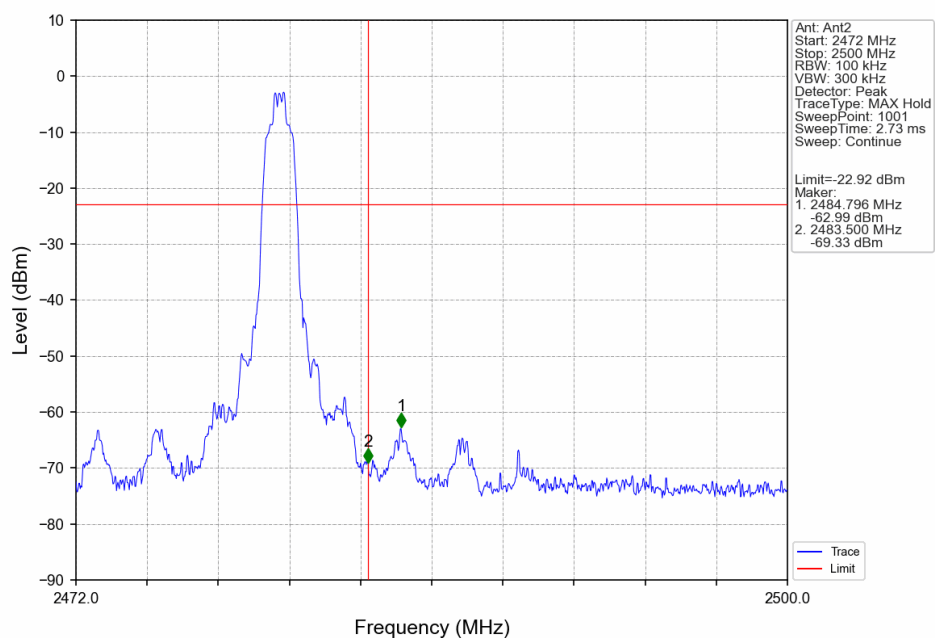
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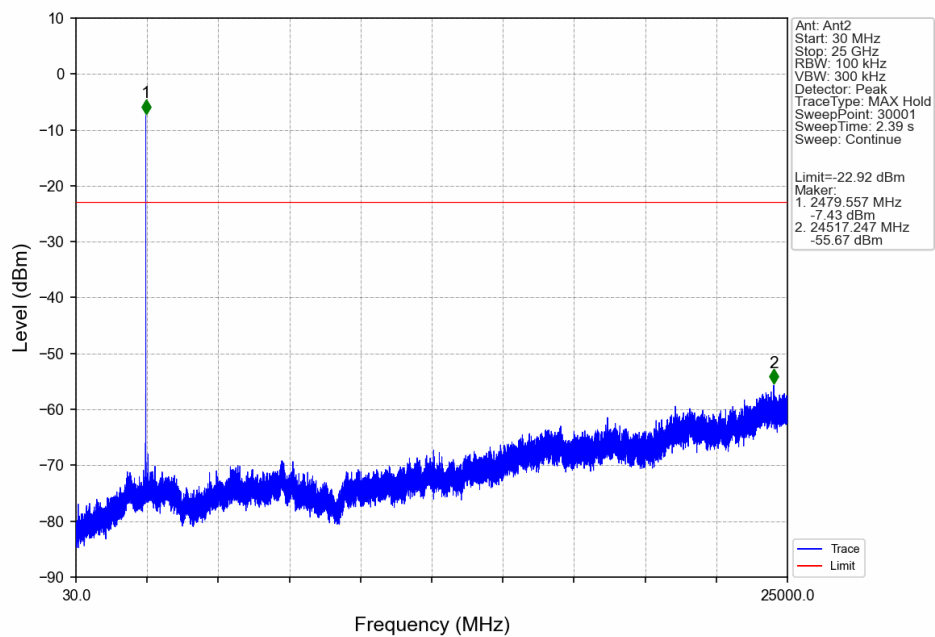
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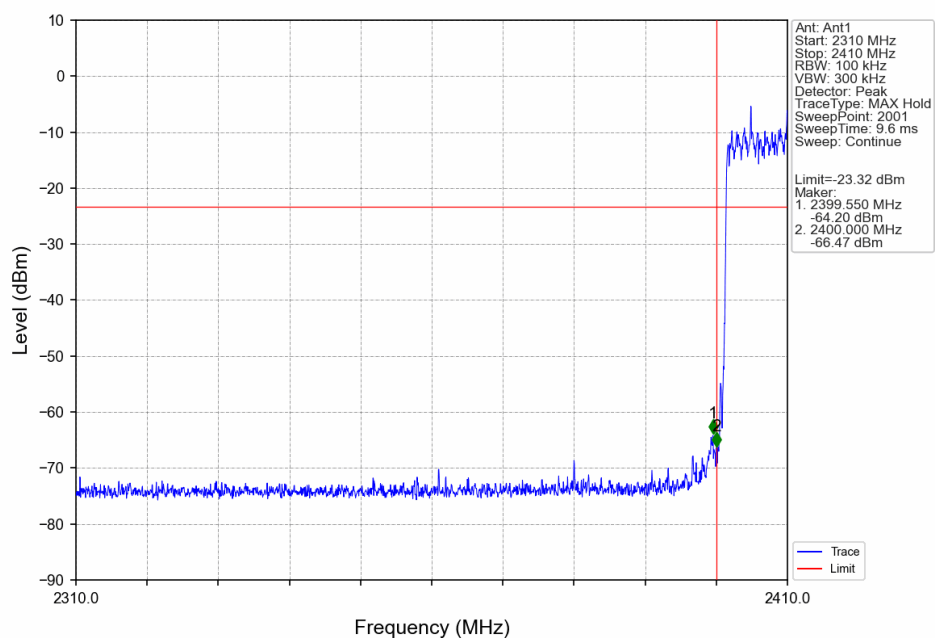
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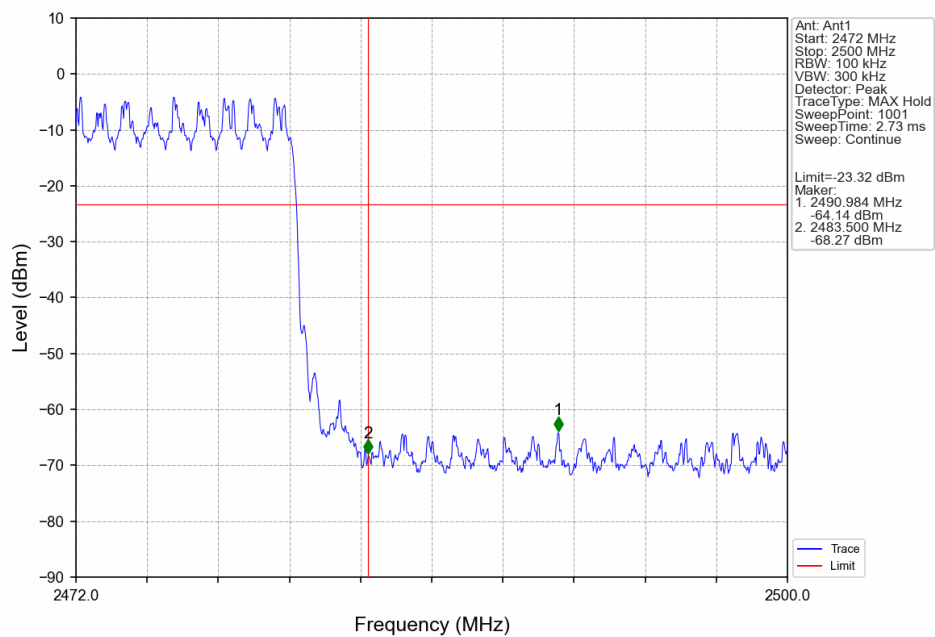
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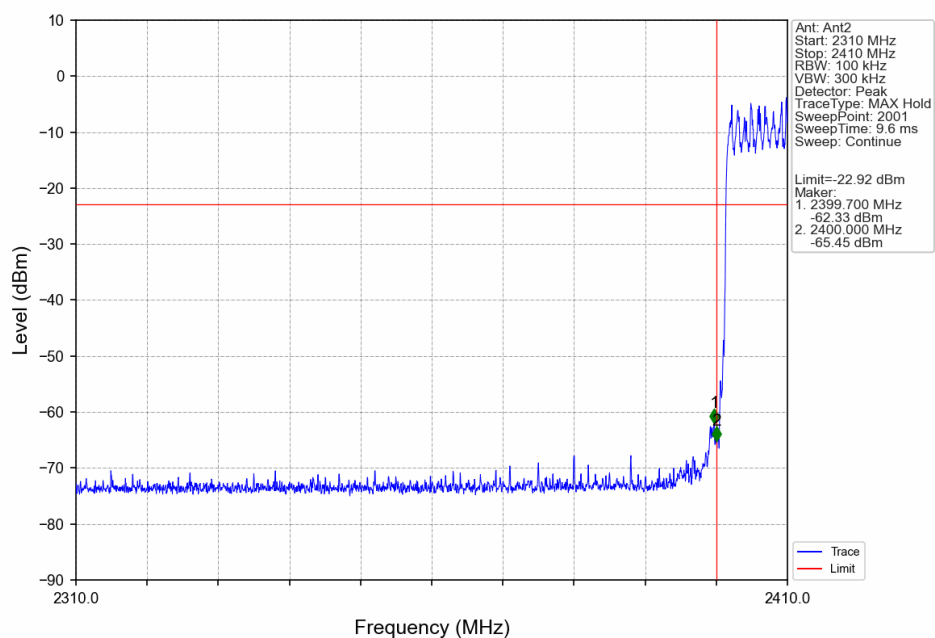
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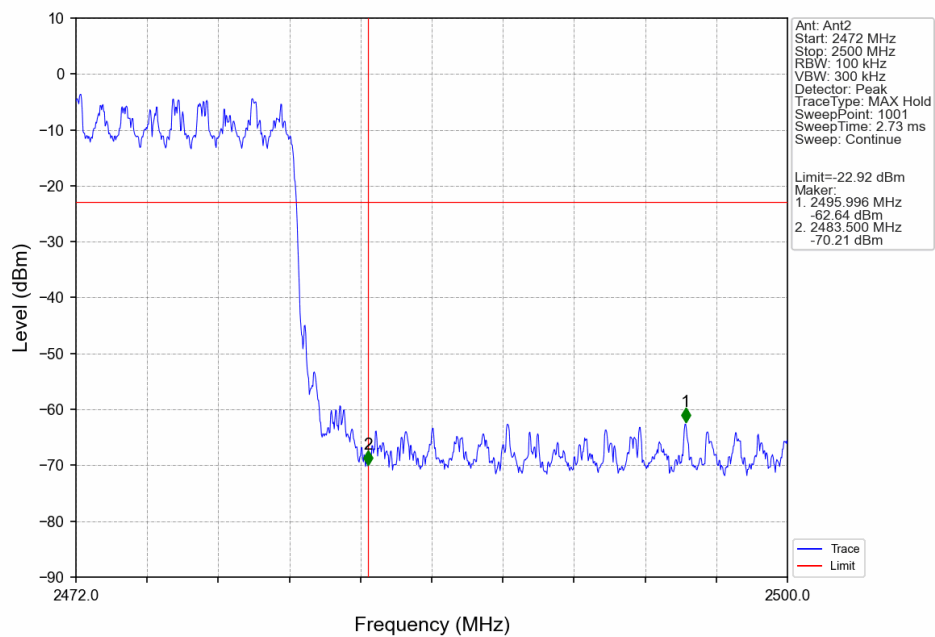
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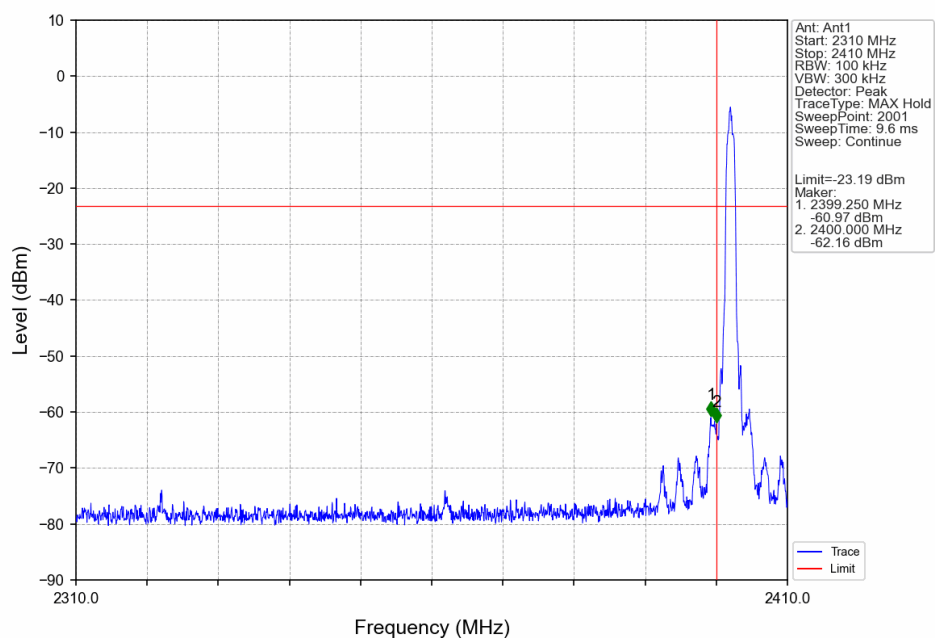
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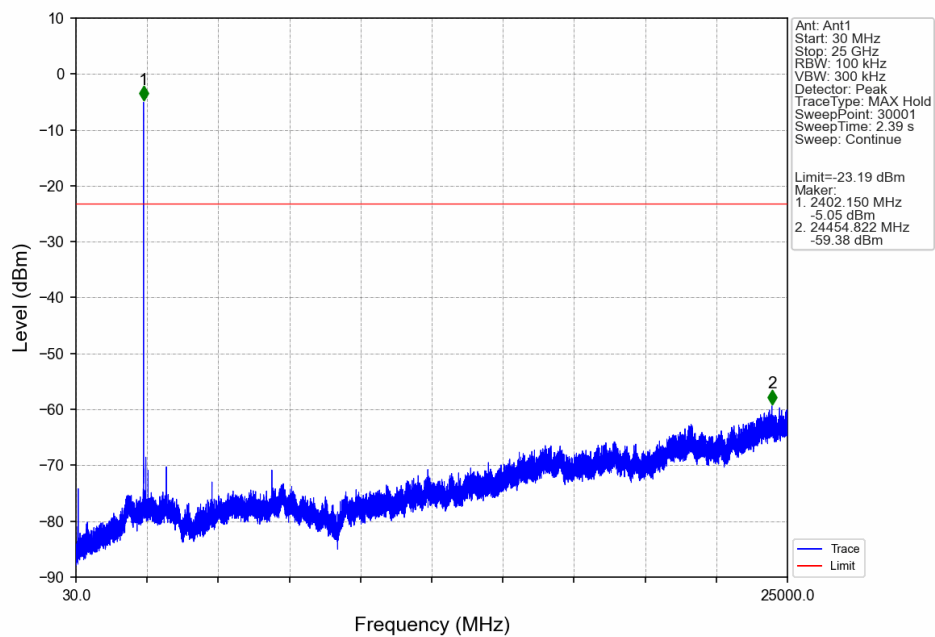
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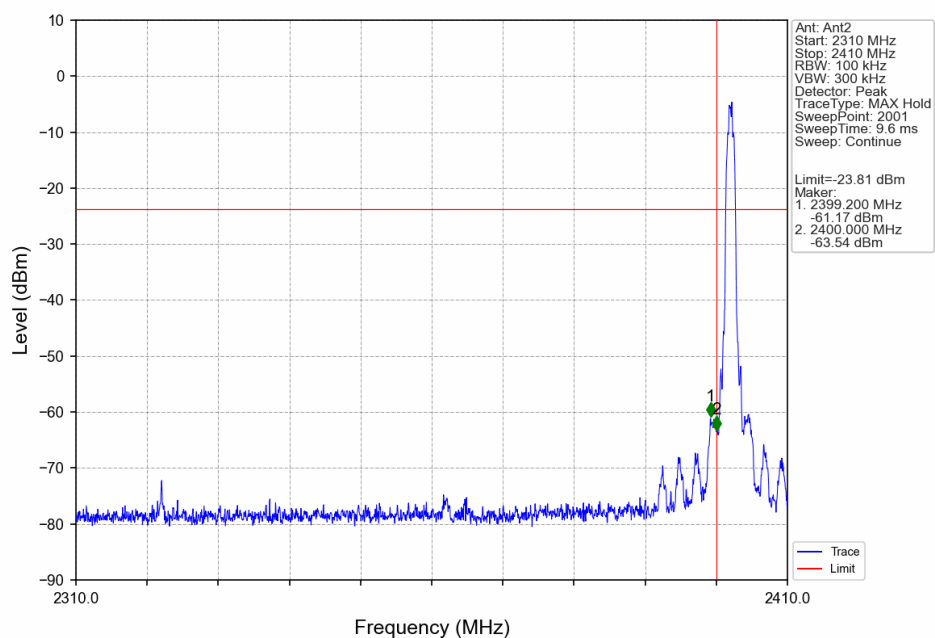
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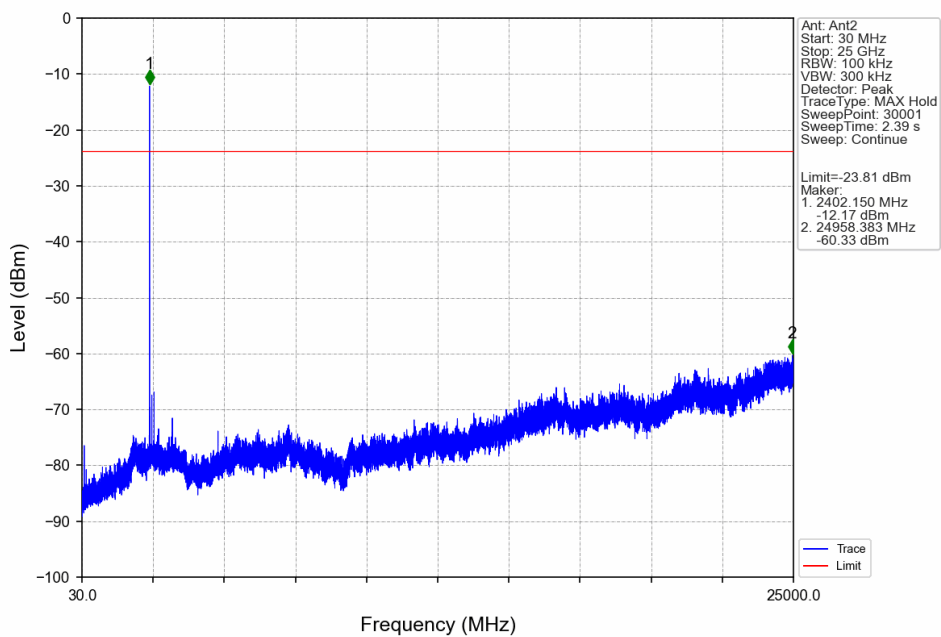
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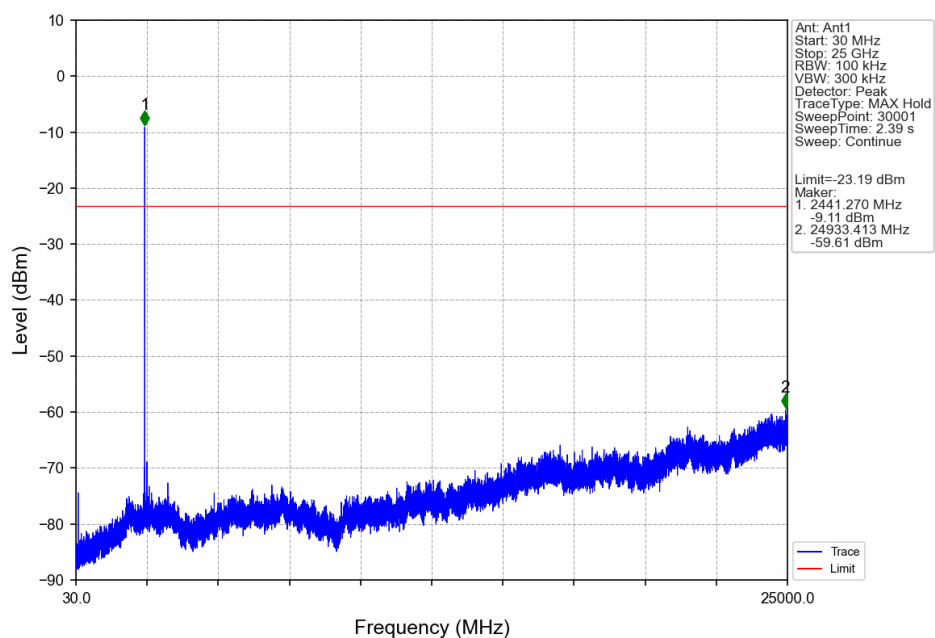
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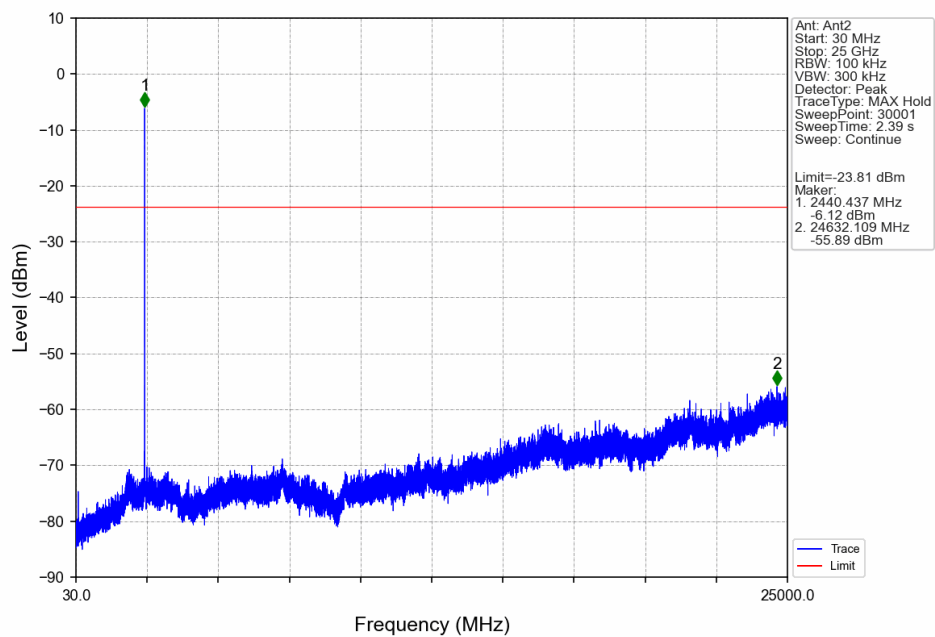
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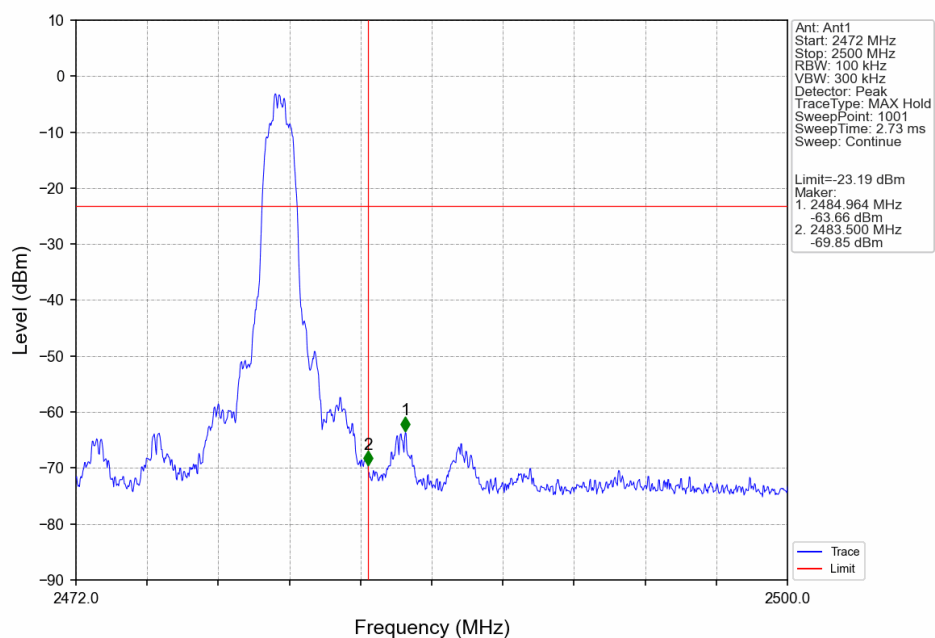
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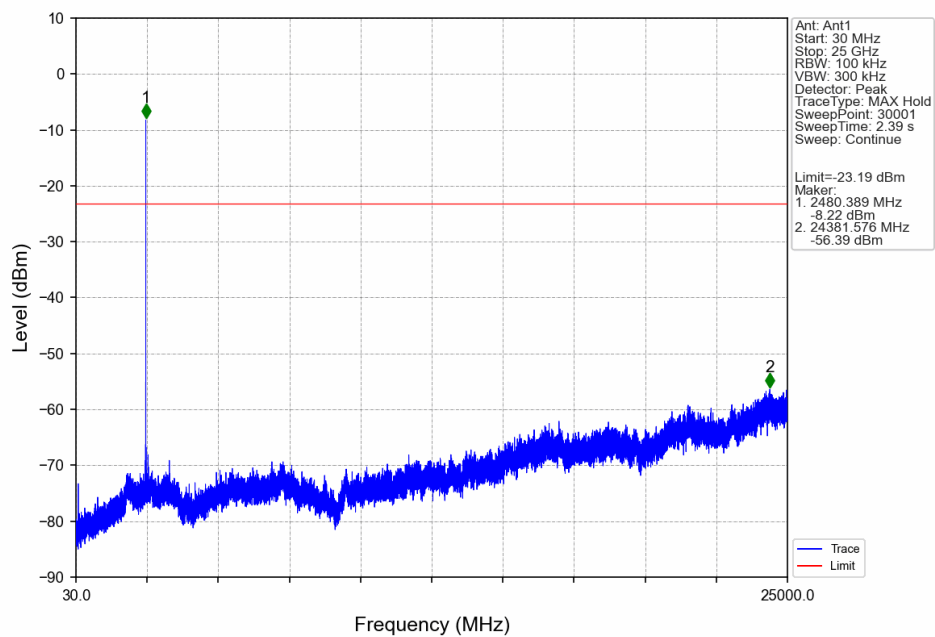
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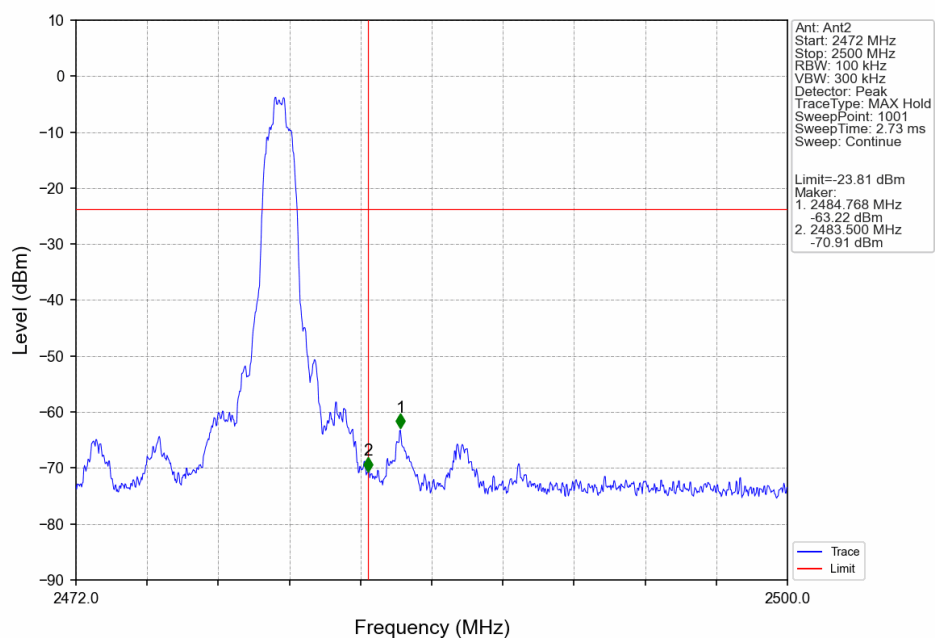
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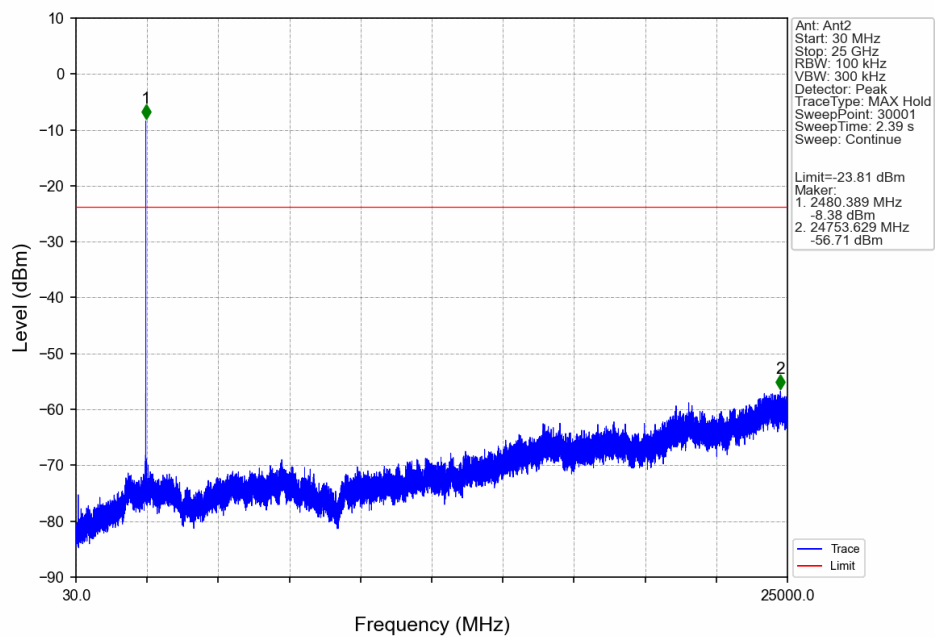
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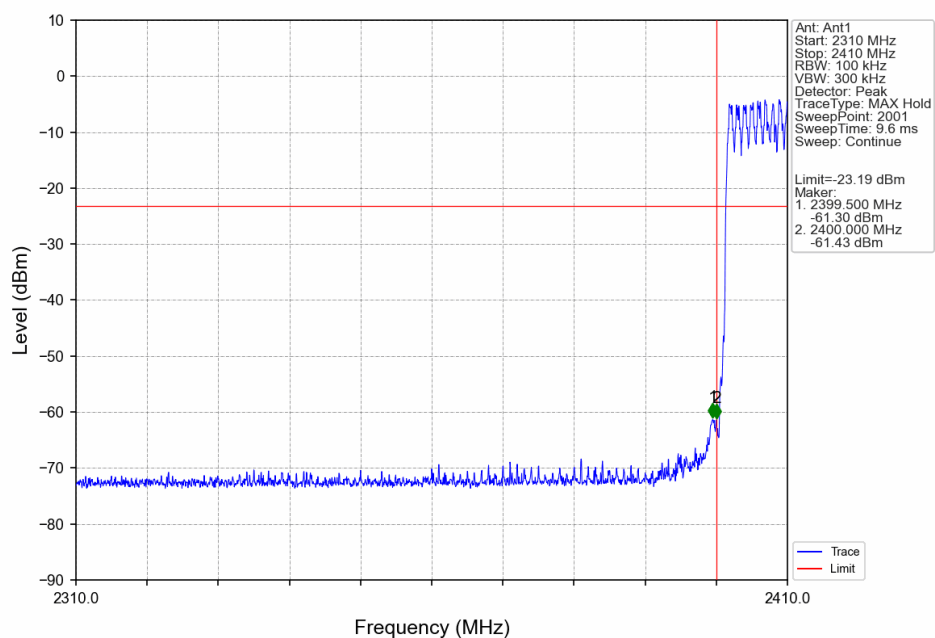
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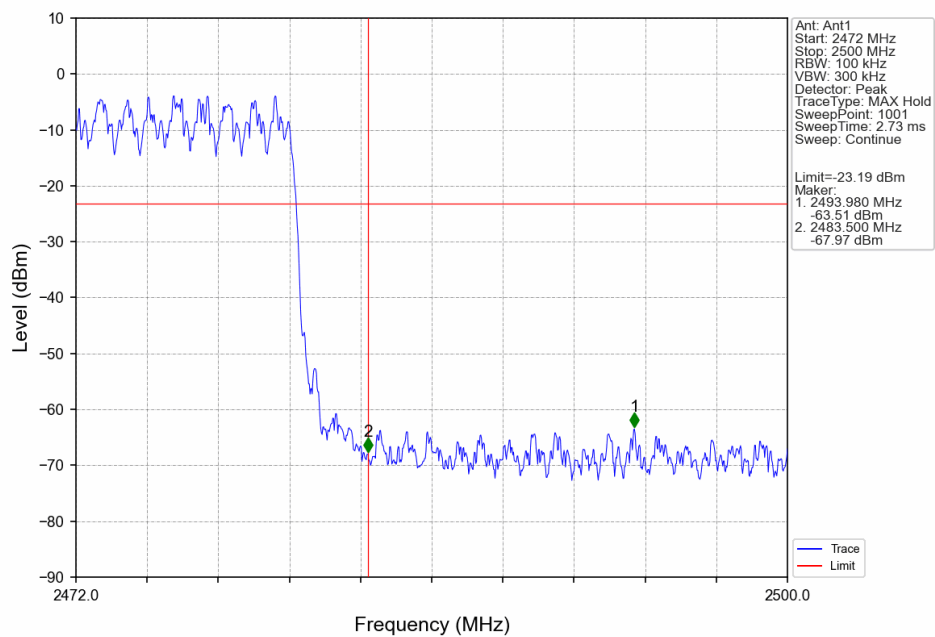
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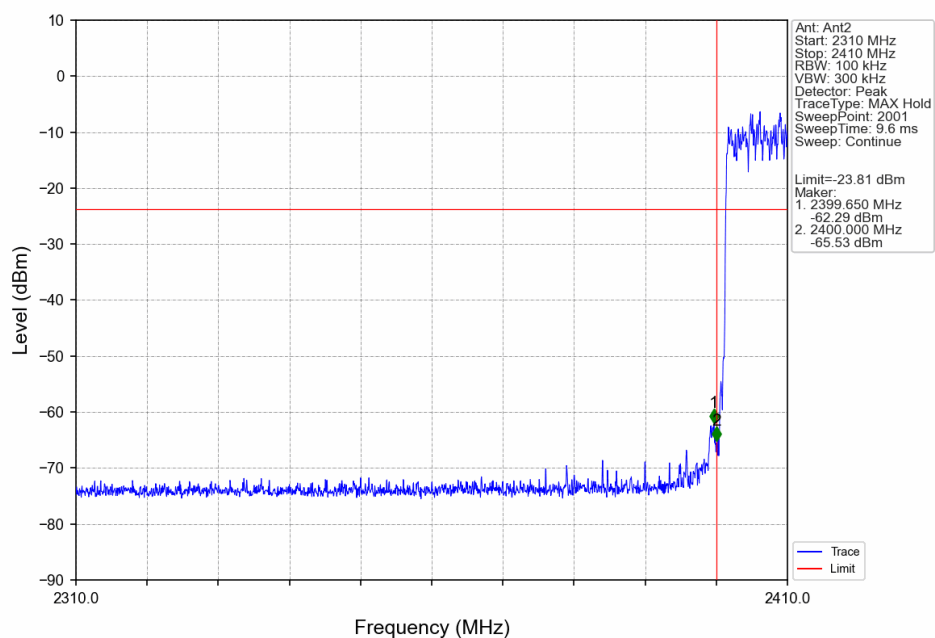
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant2_NTNV



8DPSK_3DH5_HOPP_Ant2_NTNV

