FCC ID: 2BST7-JCMS-B3

Applicant:	Ji You Technology Co.,Ltd
Address:	Room 708-03, No. 168 Science and Technology First Road, High-tech Zone, Zhuhai City, Guangdong Province, China
Manufacturer:	Cherub Technology Co., Ltd.
Address:	No.10, Keji 9th Road, Tangjiawan Town, Zhuhai High-tech Zone, Guangdong, China
Product Name:	FLY-STOMP B Combined Bass Multi-effect Stompbox
Trade Mark:	Soran
Model Number:	JCMS-B3, TCMS-B3, TV-B
Date of Receipt:	May. 30, 2026
Test Date:	May. 30, 2026 - Jun. 15, 2026
Date of Report:	Jun. 15, 2026
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China
Applicable Standards:	FCC PART 15 C 15.247 ANSI C63.10:2020
Test Result:	Pass
Report Number:	DLE-260530031R

1. Bandwidth

1.1 Test Result

1.1.1 OBW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.919	/	Pass
		2441	DH5	1	0.910	/	Pass
		2480	DH5	1	0.907	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.196	/	Pass
		2441	2DH5	1	1.200	/	Pass
		2480	2DH5	1	1.184	/	Pass
8DPSK	SISO	2402	3DH5	1	1.198	/	Pass
		2441	3DH5	1	1.200	/	Pass
		2480	3DH5	1	1.201	/	Pass

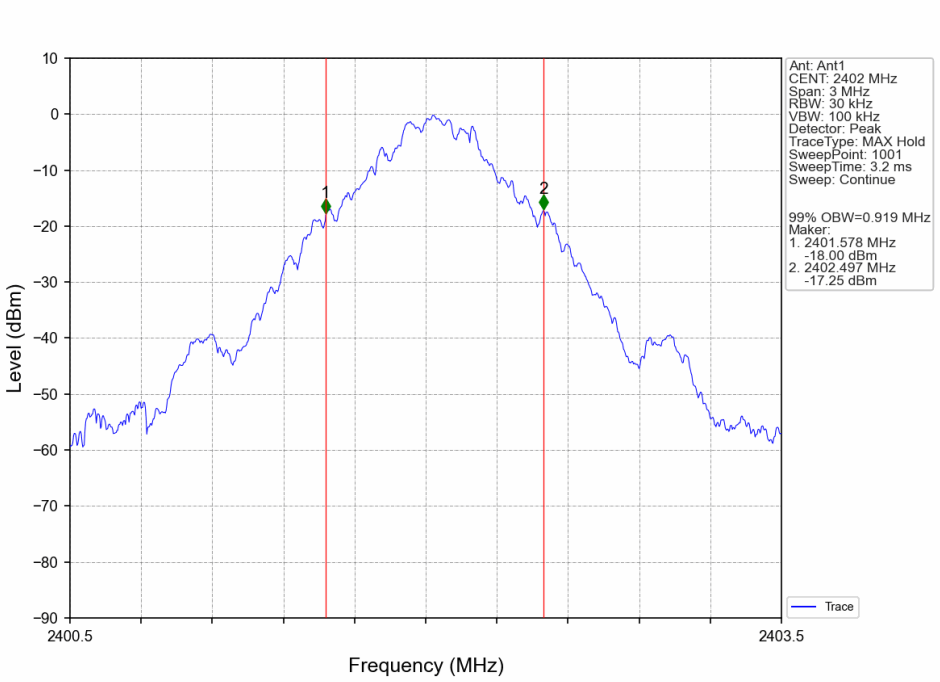
1.1.2 20dB BW

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.025	/	Pass
		2441	DH5	1	1.023	/	Pass
		2480	DH5	1	1.036	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.293	/	Pass
		2441	2DH5	1	1.310	/	Pass
		2480	2DH5	1	1.314	/	Pass
8DPSK	SISO	2402	3DH5	1	1.311	/	Pass
		2441	3DH5	1	1.305	/	Pass
		2480	3DH5	1	1.304	/	Pass

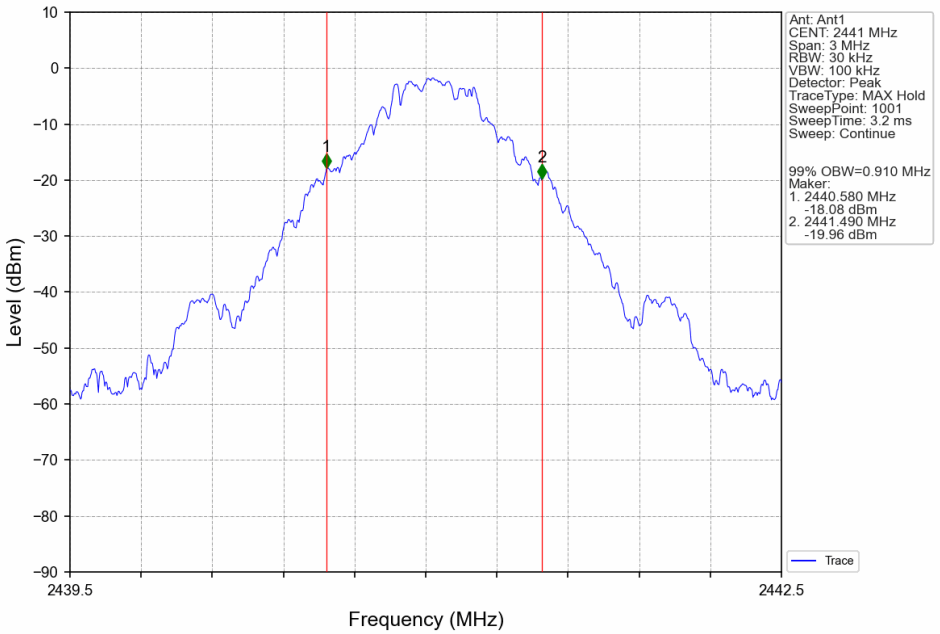
1.2 Test Graph

1.2.1 OBW

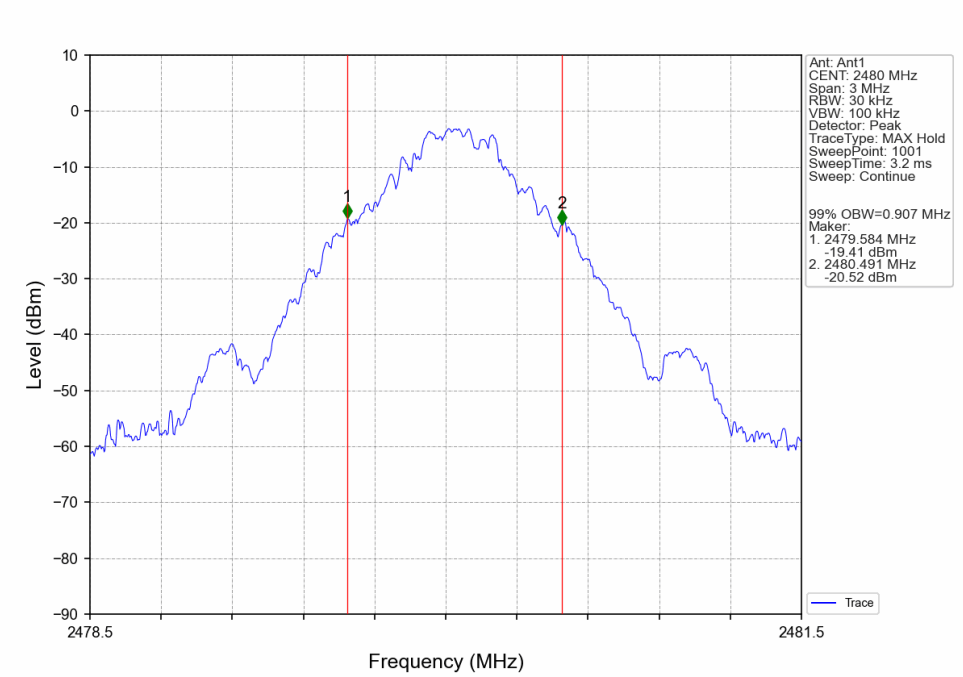
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



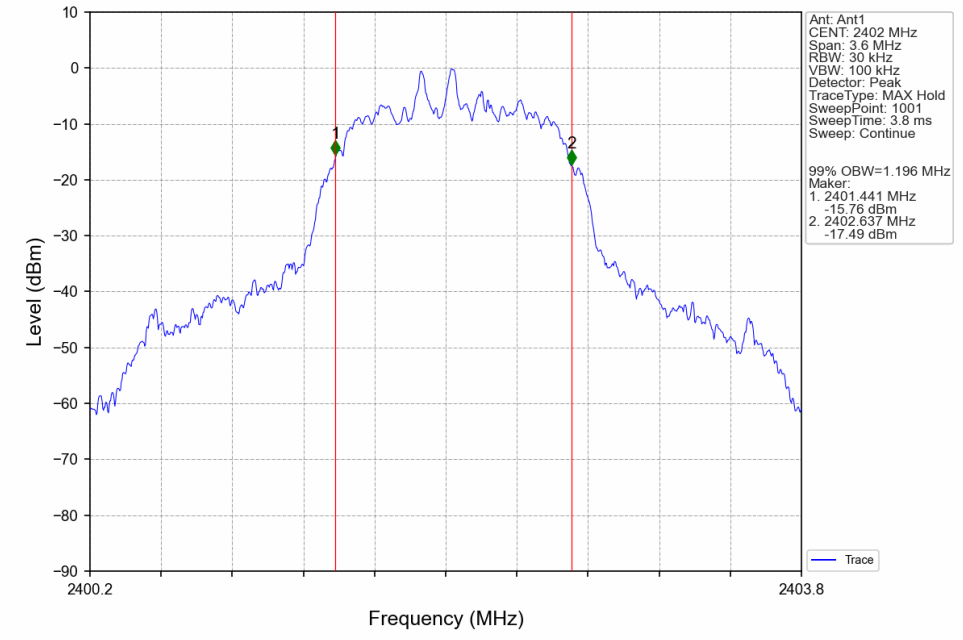
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



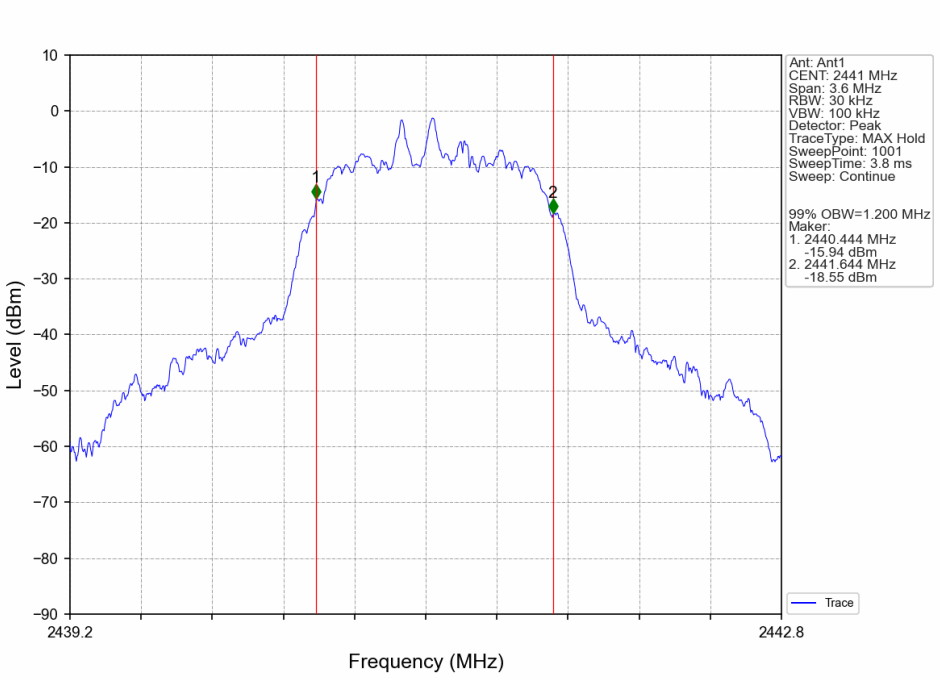
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



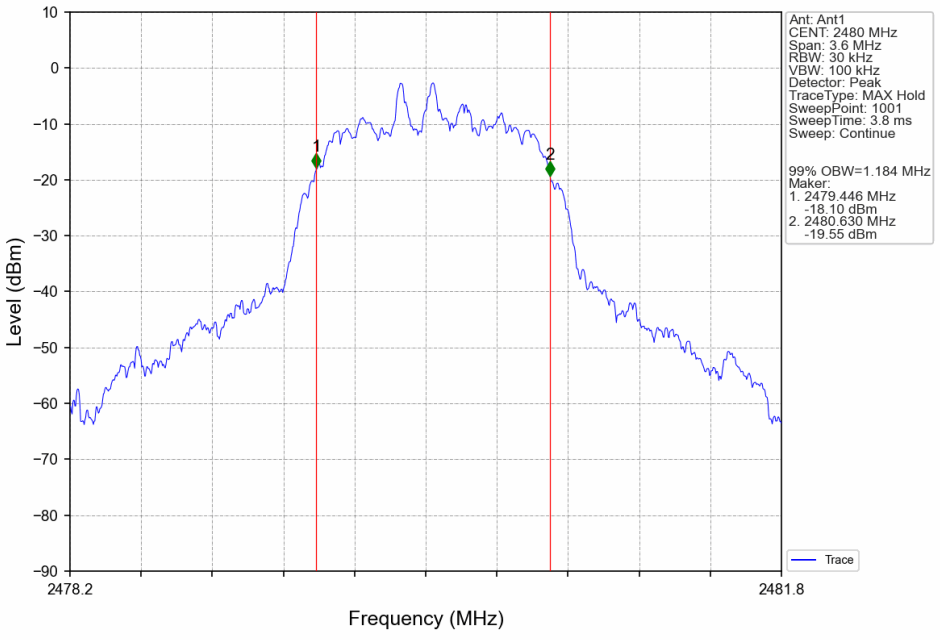
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



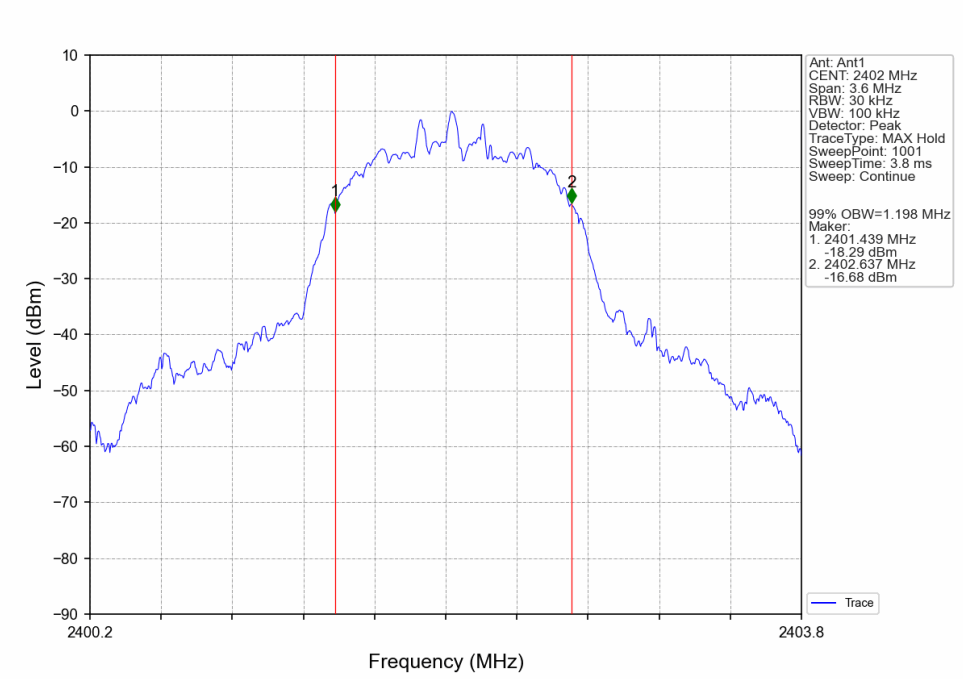
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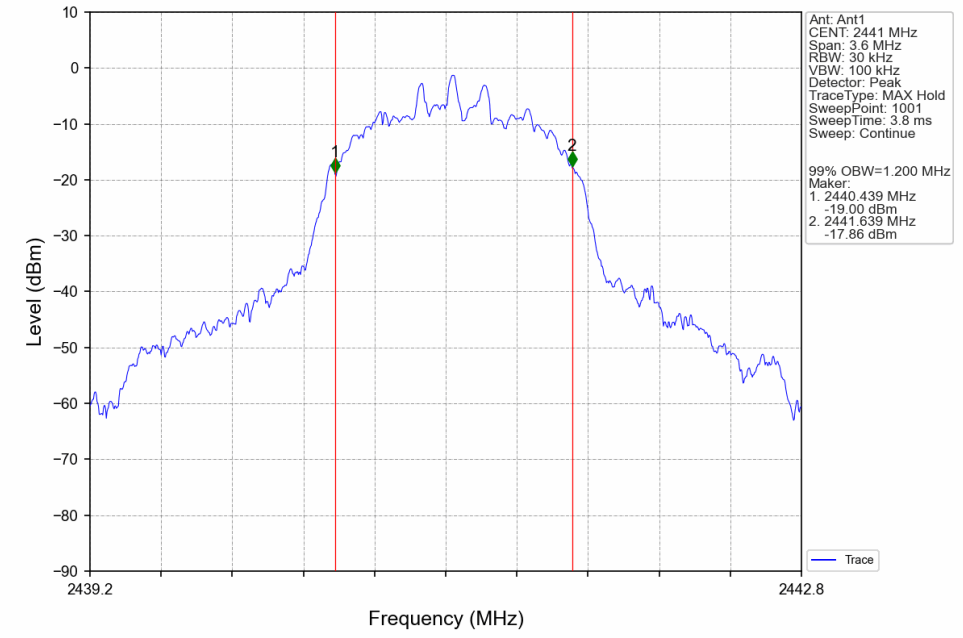
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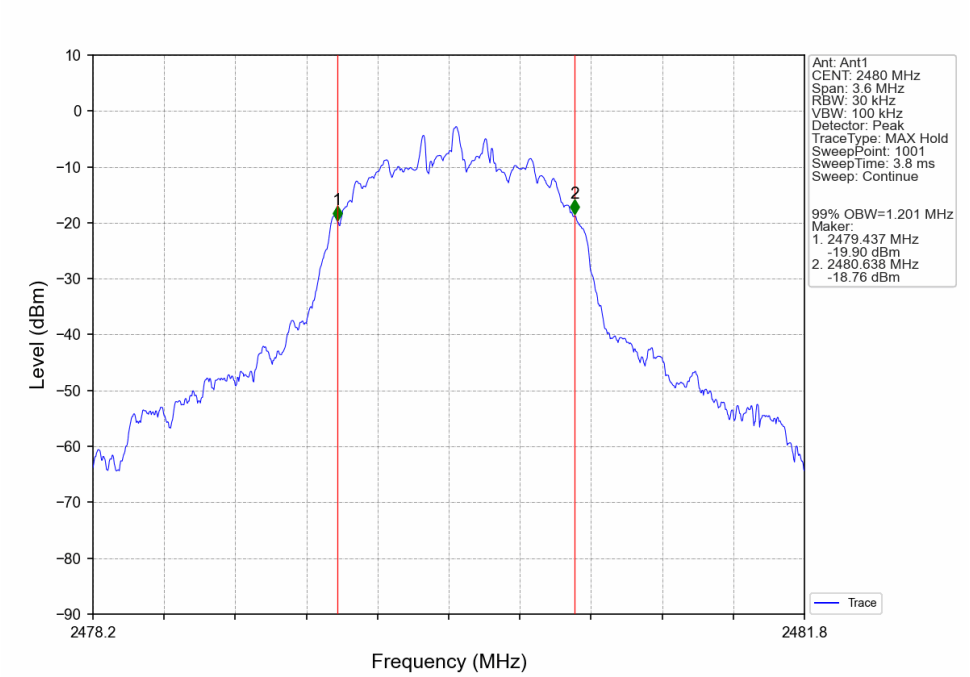
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

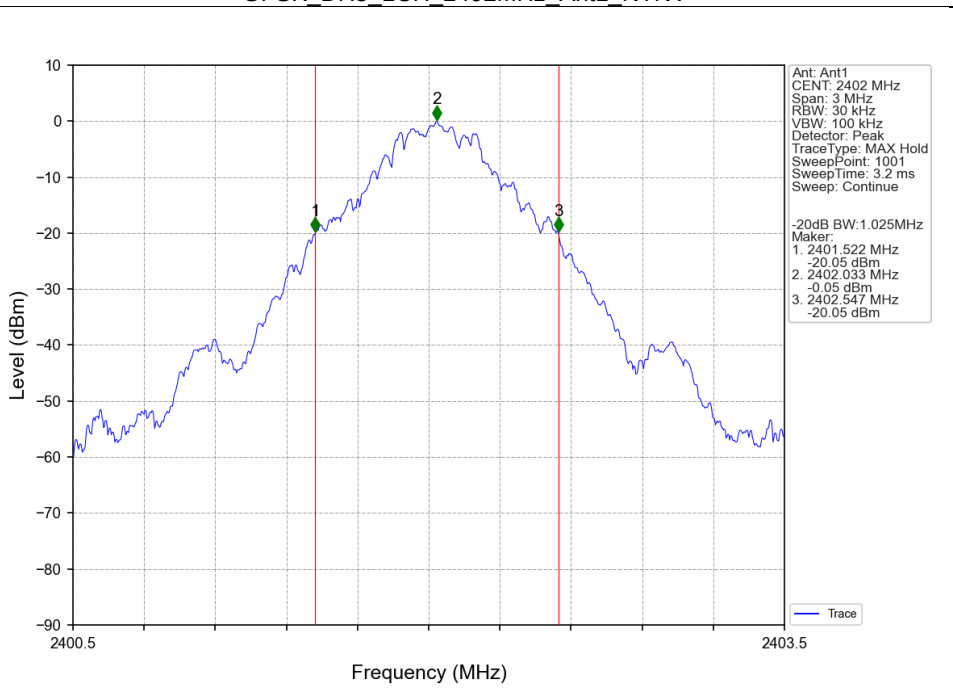


8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

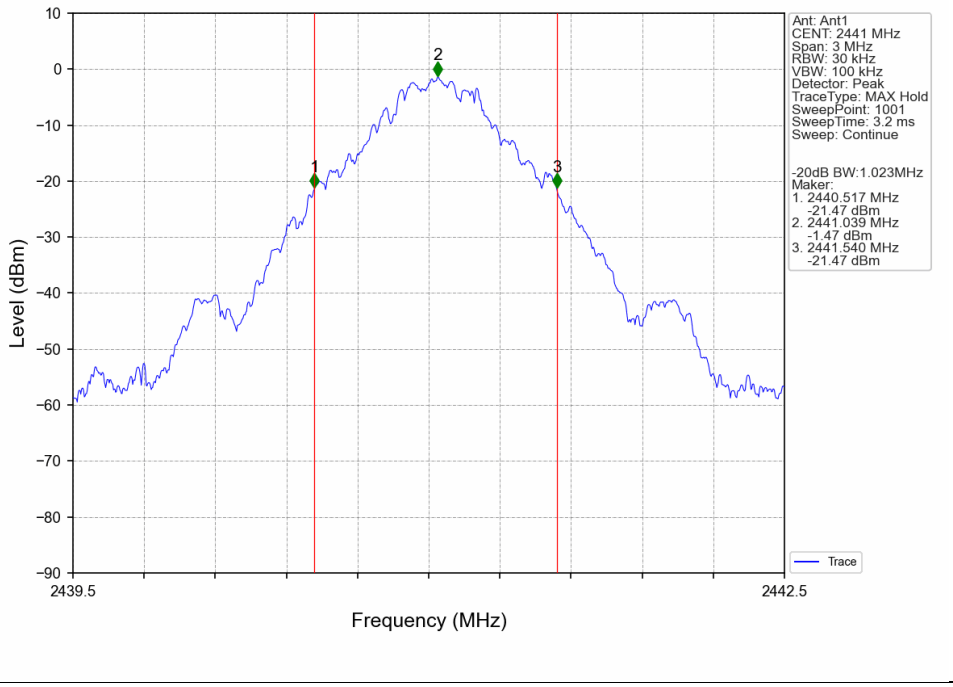


1.2.2 20dB BW

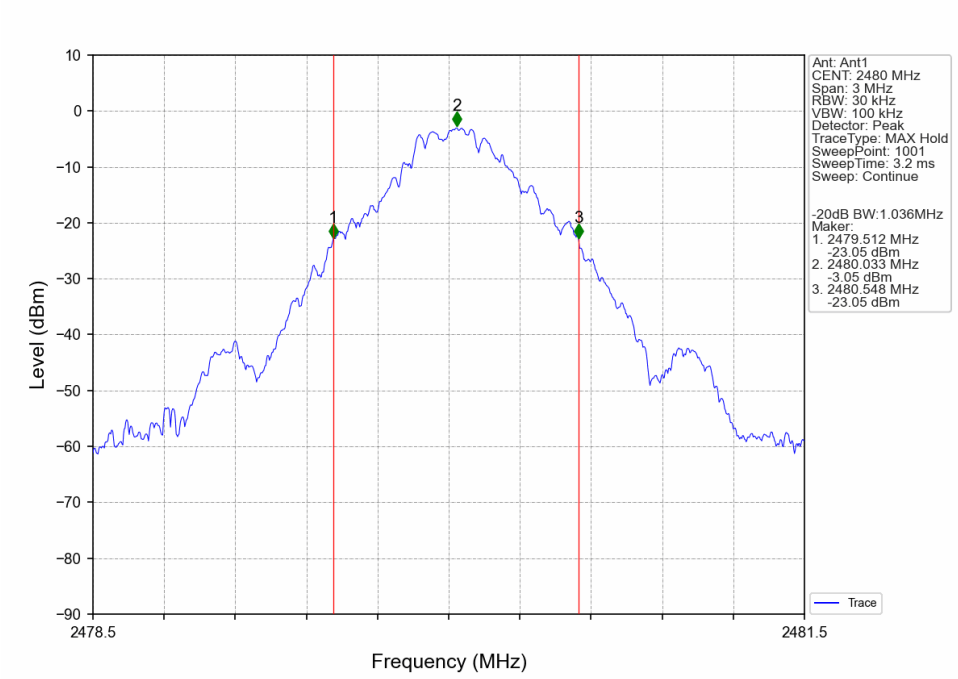
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



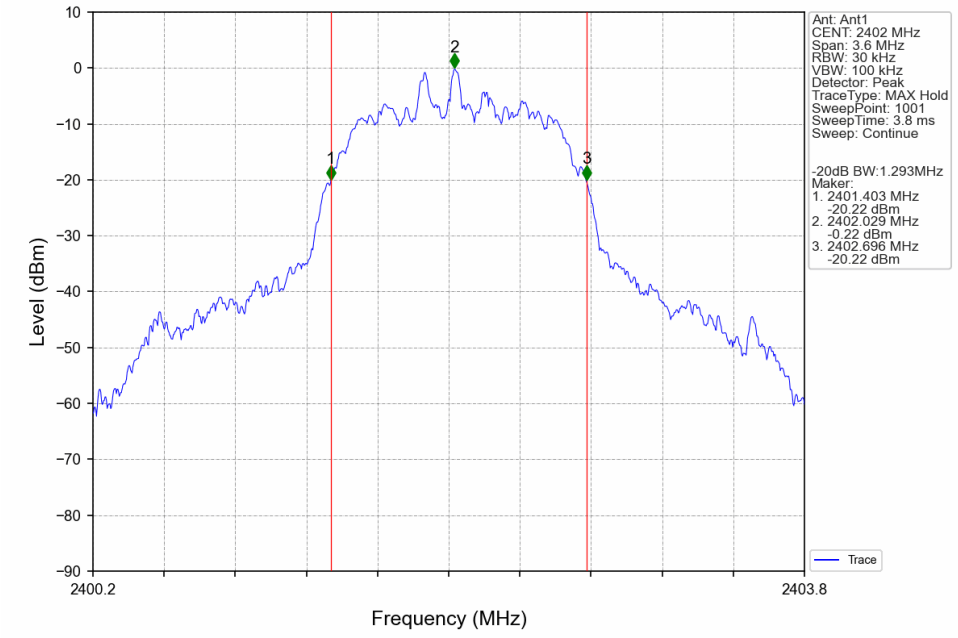
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



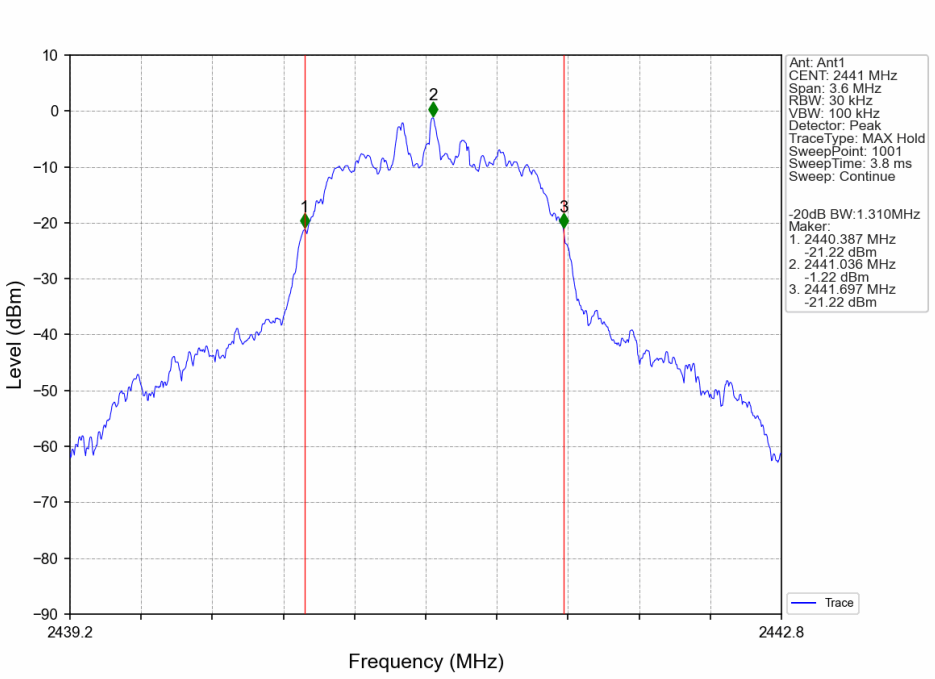
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



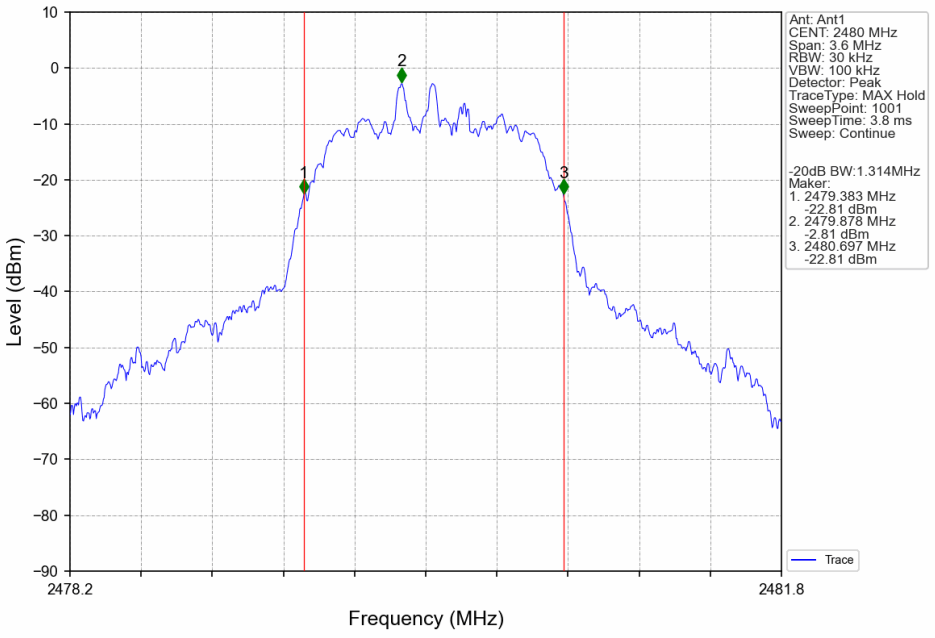
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



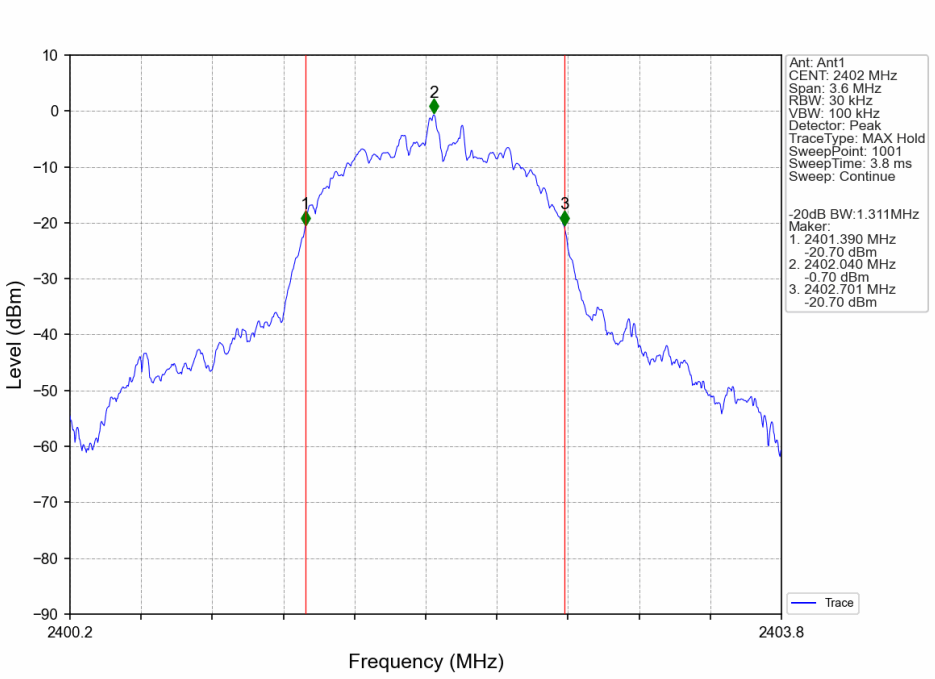
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



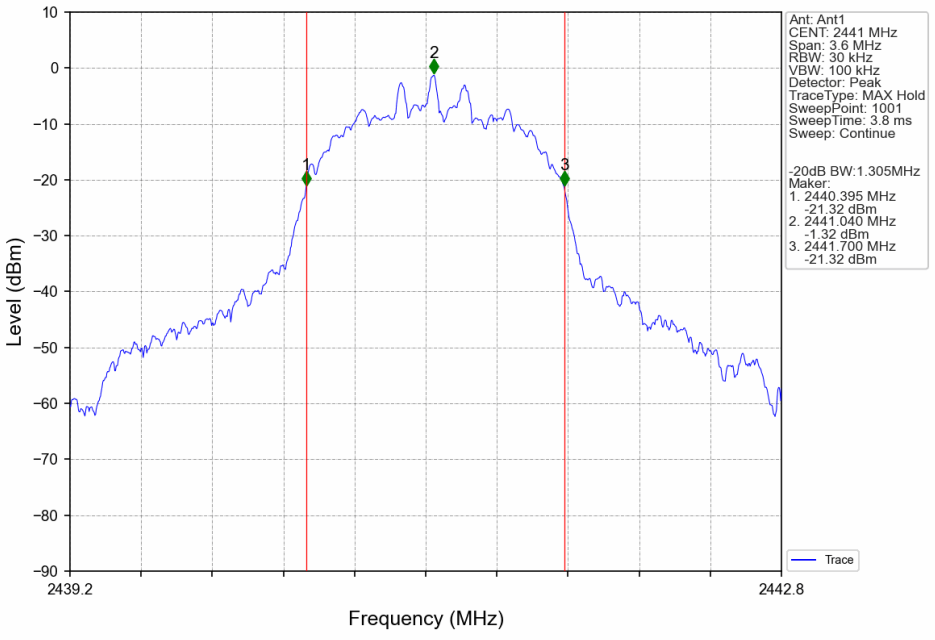
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



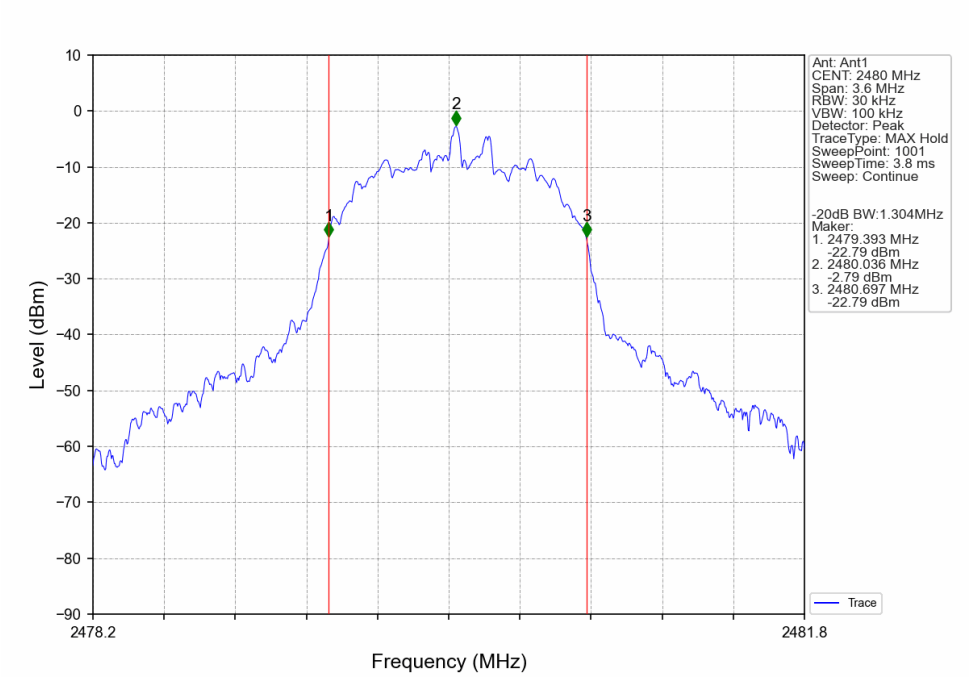
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

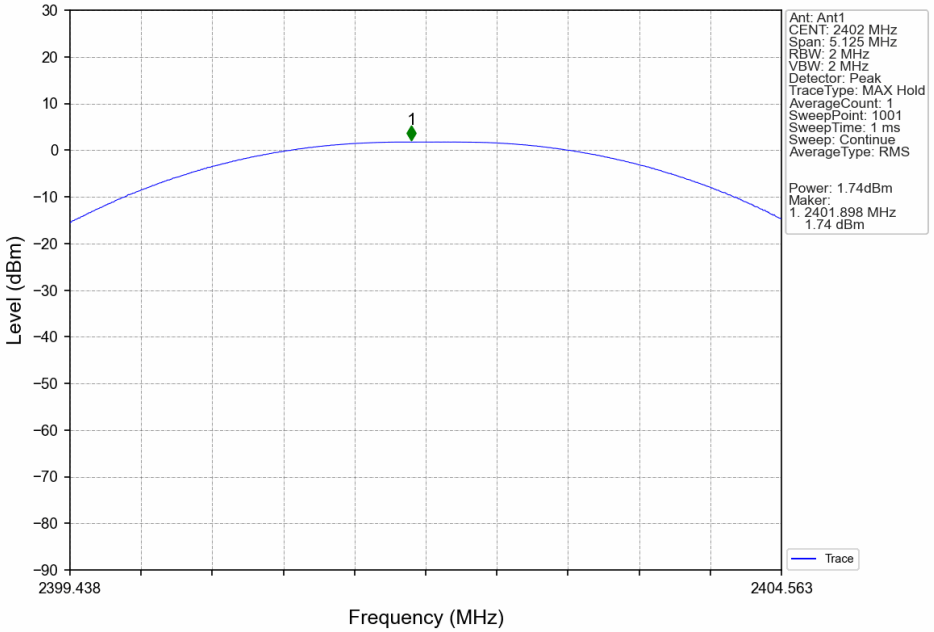
2.1.1 Power

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	1.74	<=20.97	Pass
		2441	DH5	0.70	<=20.97	Pass
		2480	DH5	-0.56	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	2.62	<=20.97	Pass
		2441	2DH5	1.59	<=20.97	Pass
		2480	2DH5	0.33	<=20.97	Pass
8DPSK	SISO	2402	3DH5	2.96	<=20.97	Pass
		2441	3DH5	1.92	<=20.97	Pass
		2480	3DH5	0.62	<=20.97	Pass

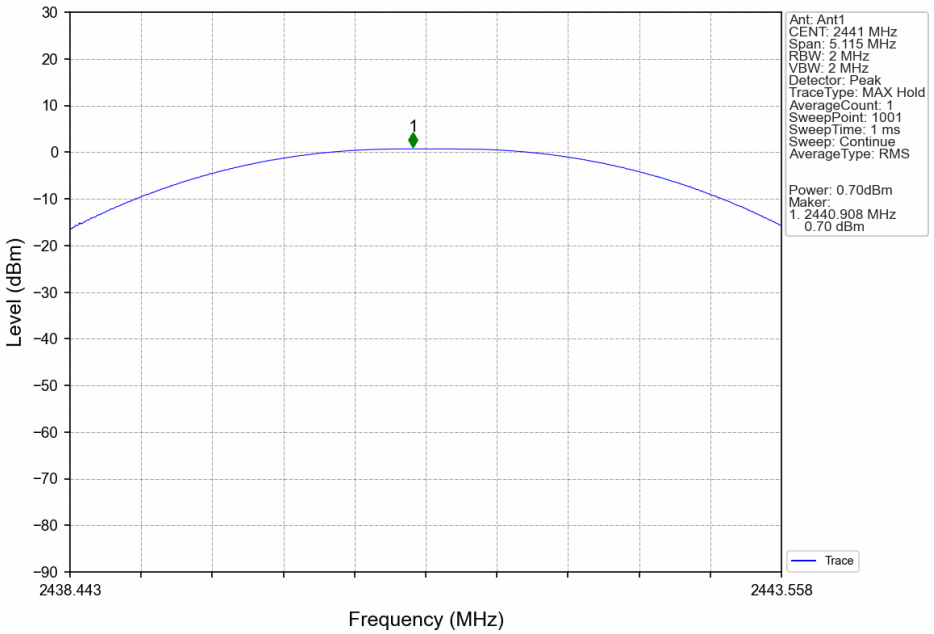
2.2 Test Graph

2.2.1 Power

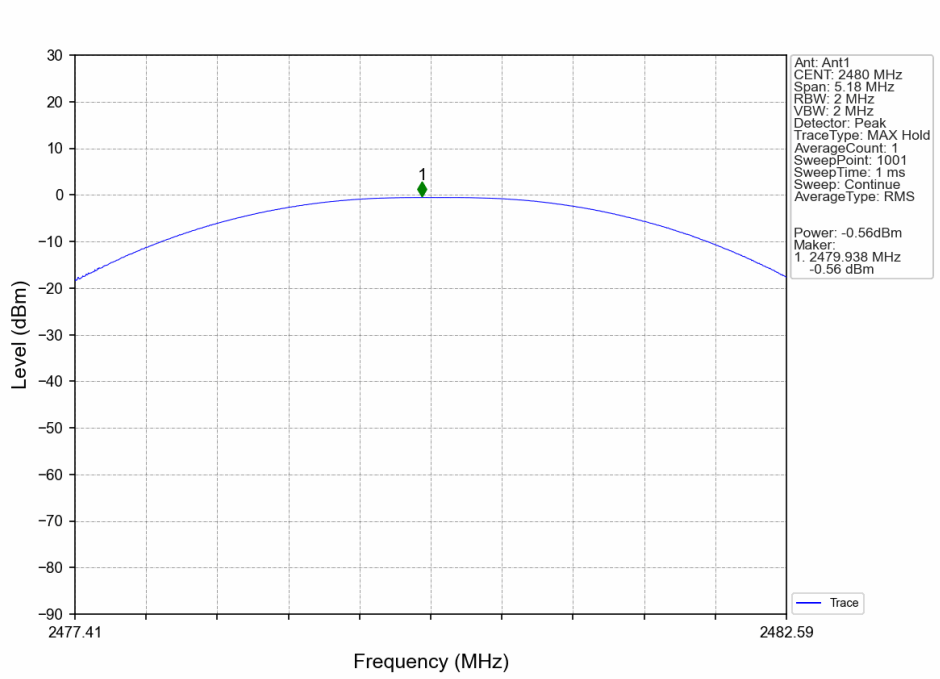
GFSK_DH5_LCH_2402MHz_Ant1_NTNV



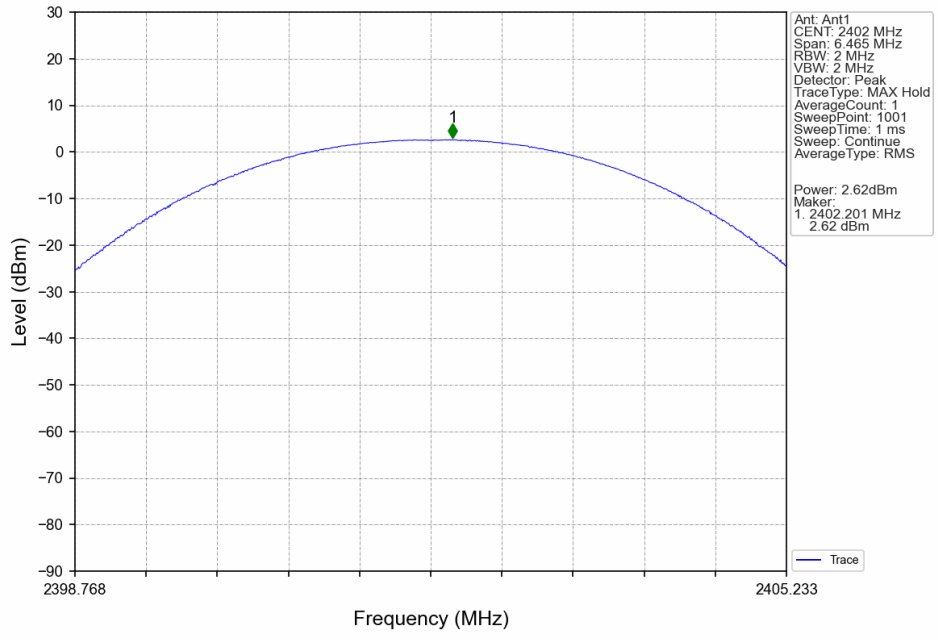
GFSK_DH5_MCH_2441MHz_Ant1_NTNV



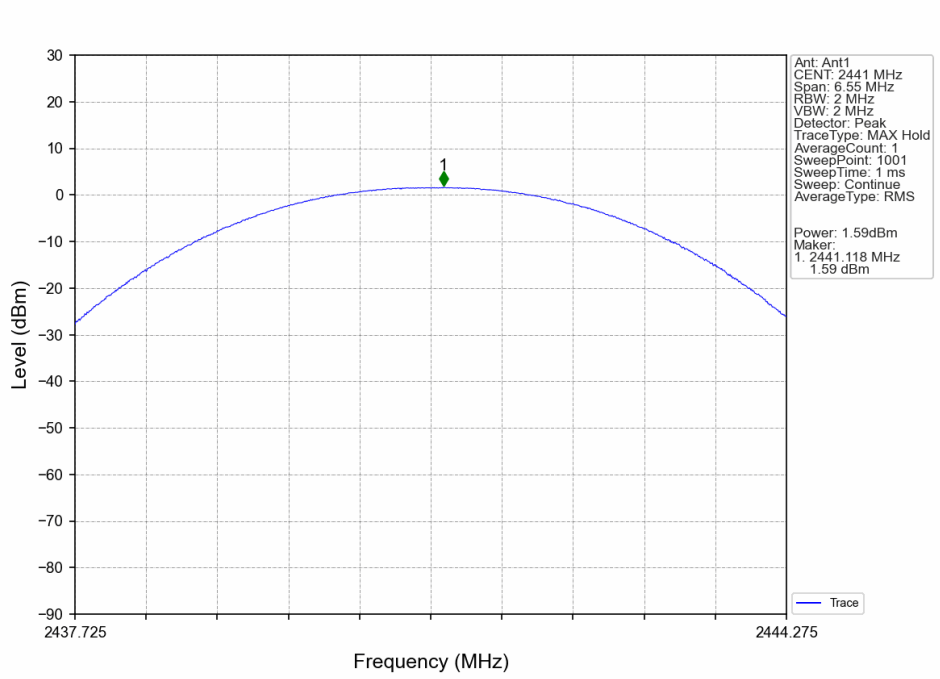
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



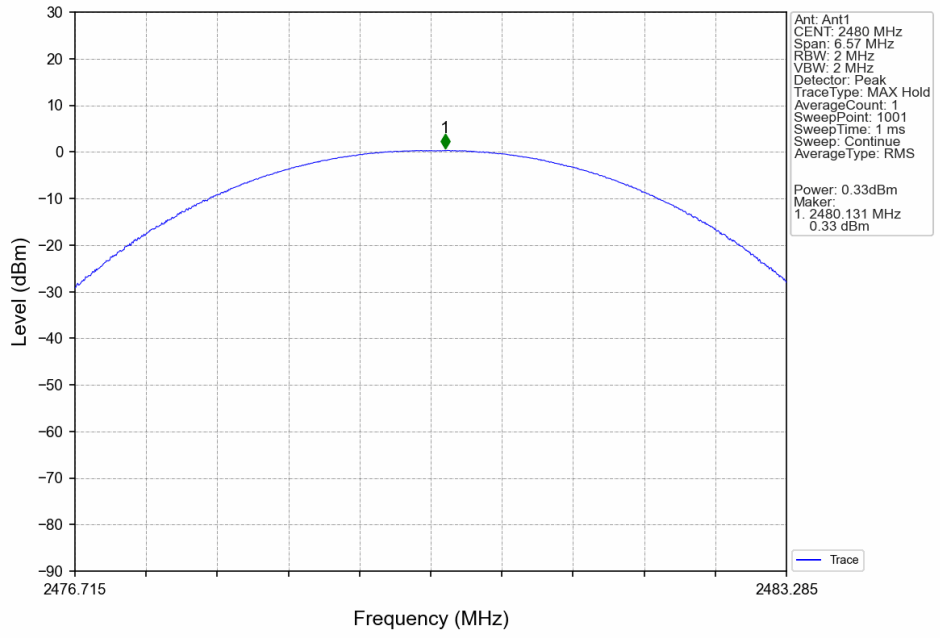
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



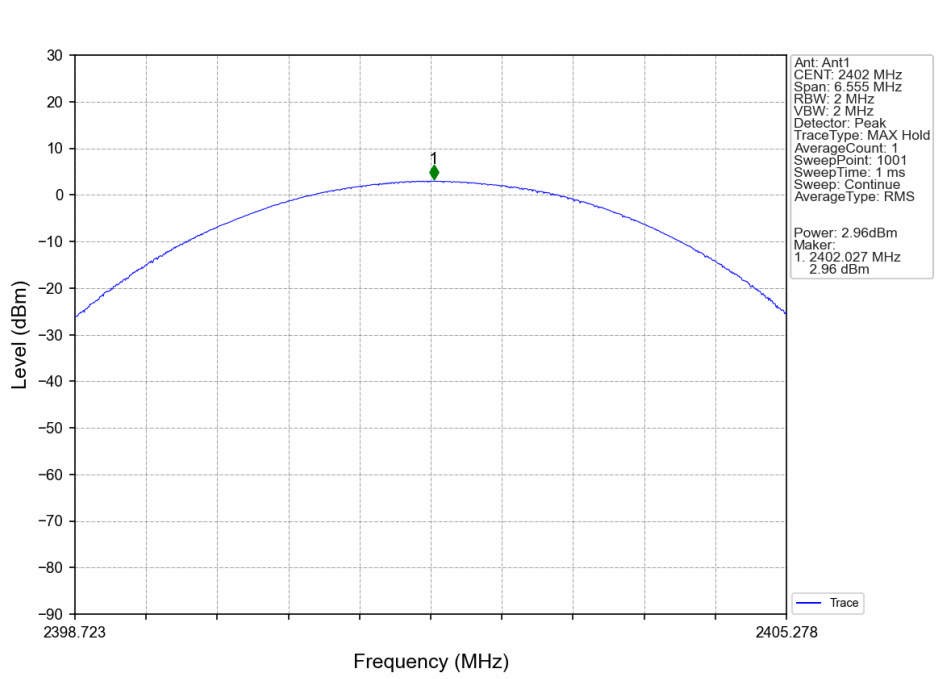
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



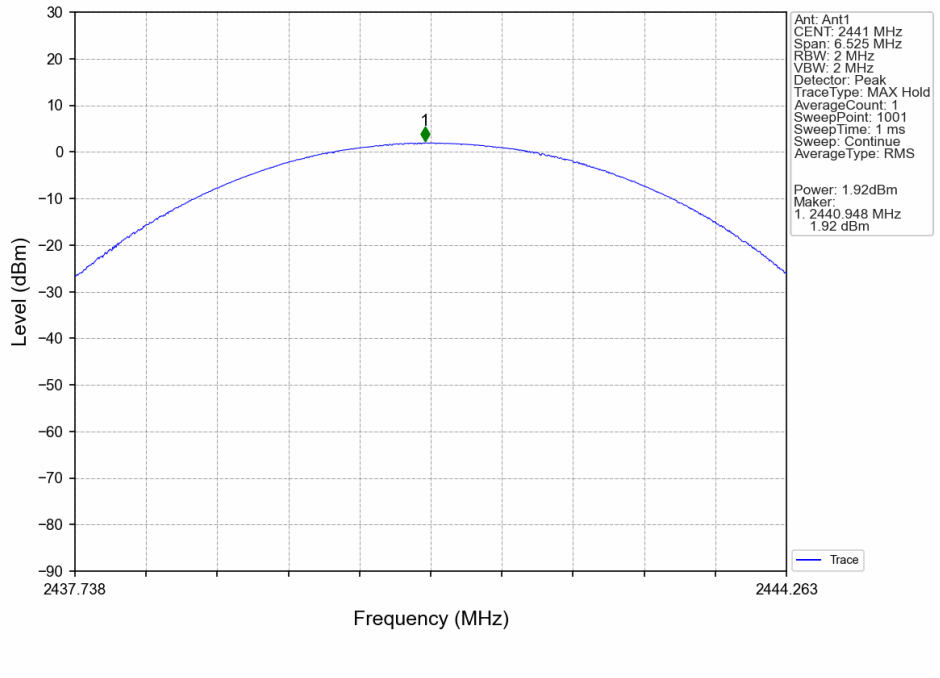
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



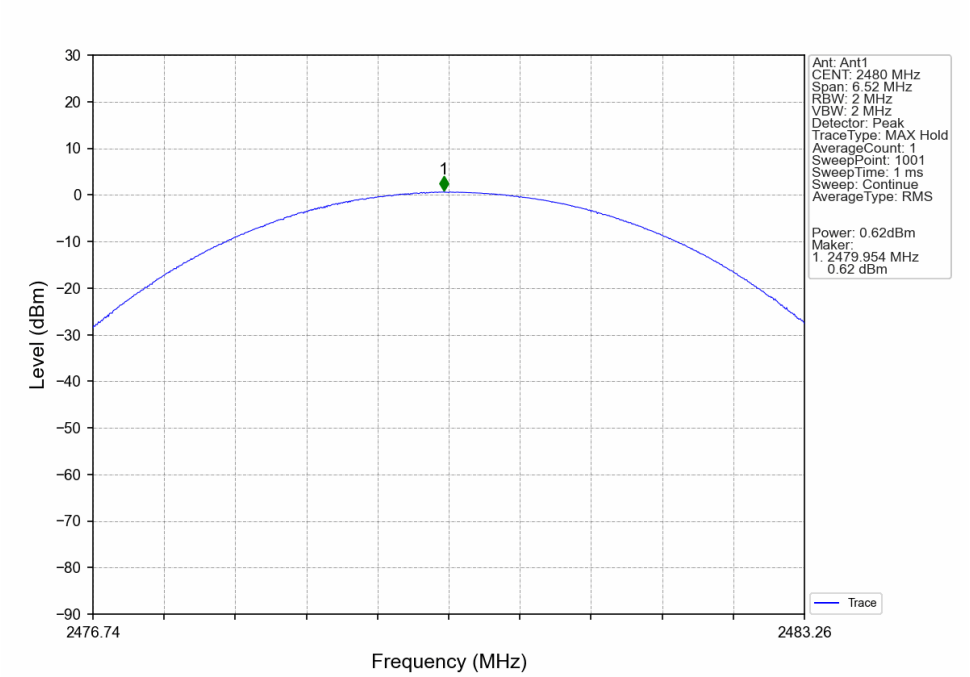
8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



3. Carrier Frequency Separation

3.1 Test Result

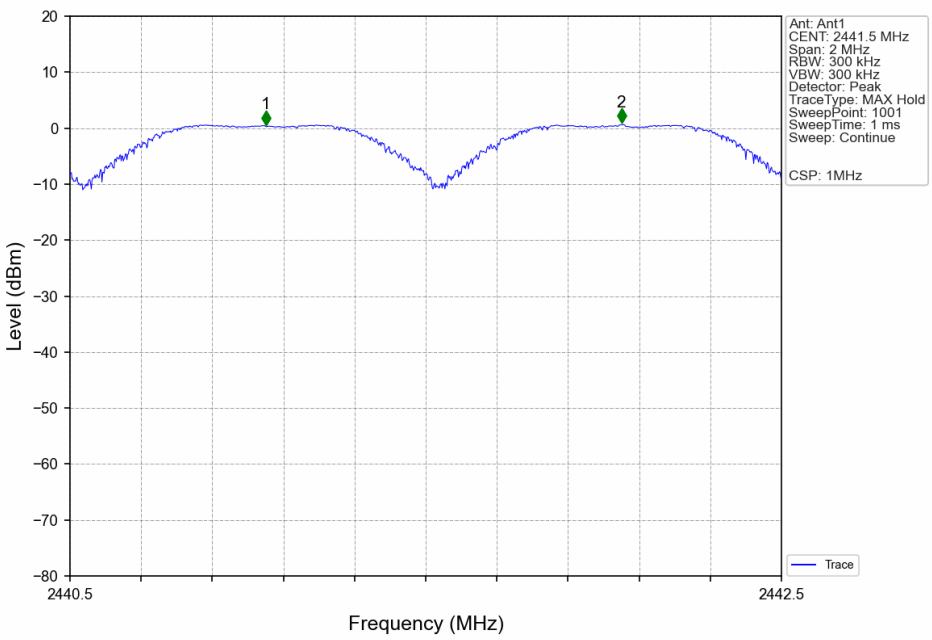
3.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	1.036	>=0.691	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.314	>=0.876	Pass
8DPSK	SISO	HOPP	3DH5	0.996	1.311	>=0.874	Pass

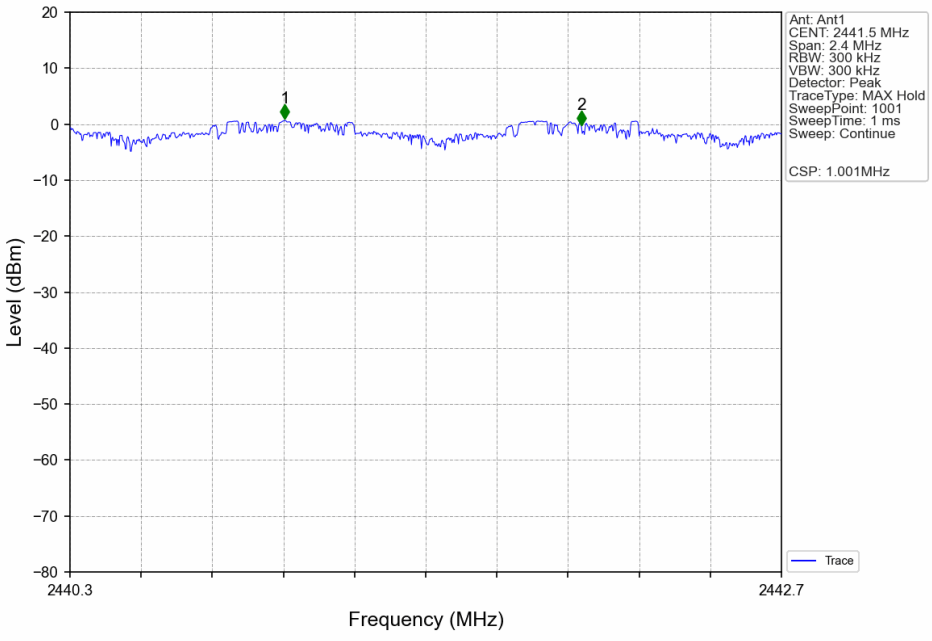
3.2 Test Graph

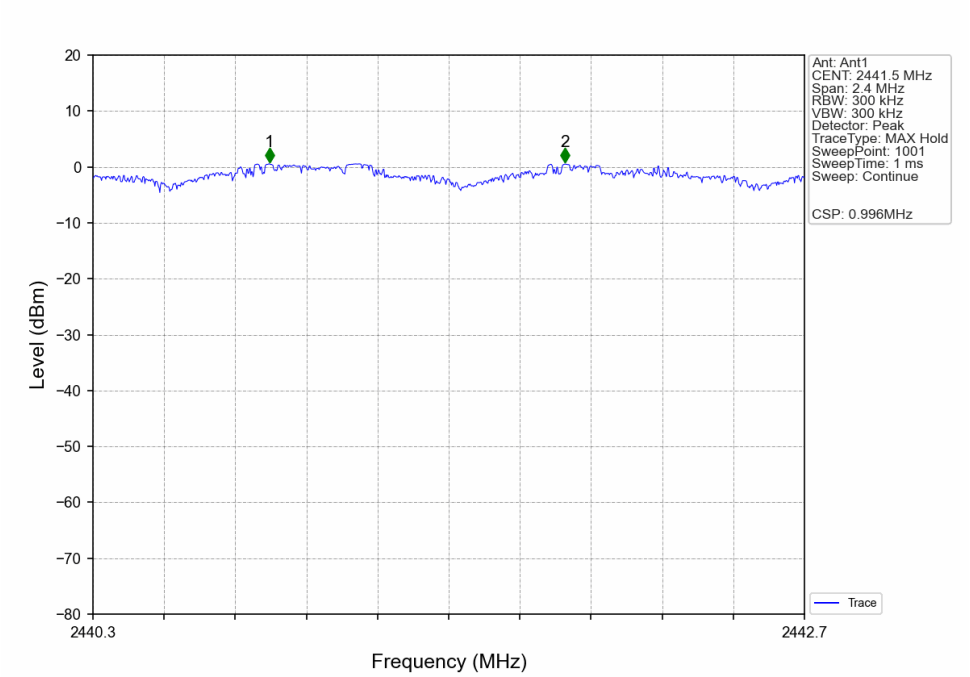
3.2.1 Ant1

GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV


4. Number of Hopping Frequencies

4.1 Test Result

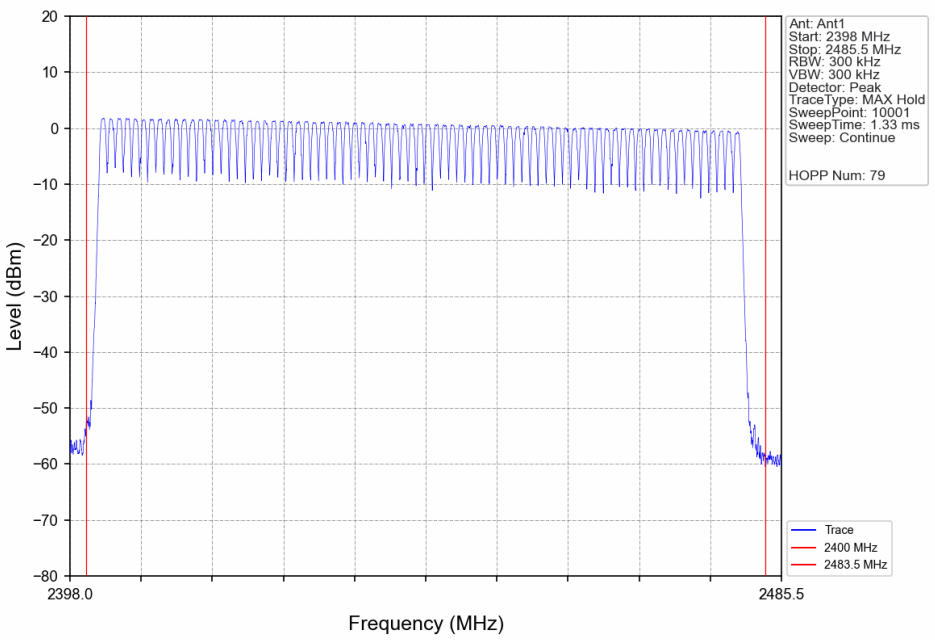
4.1.1 HoppNum

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

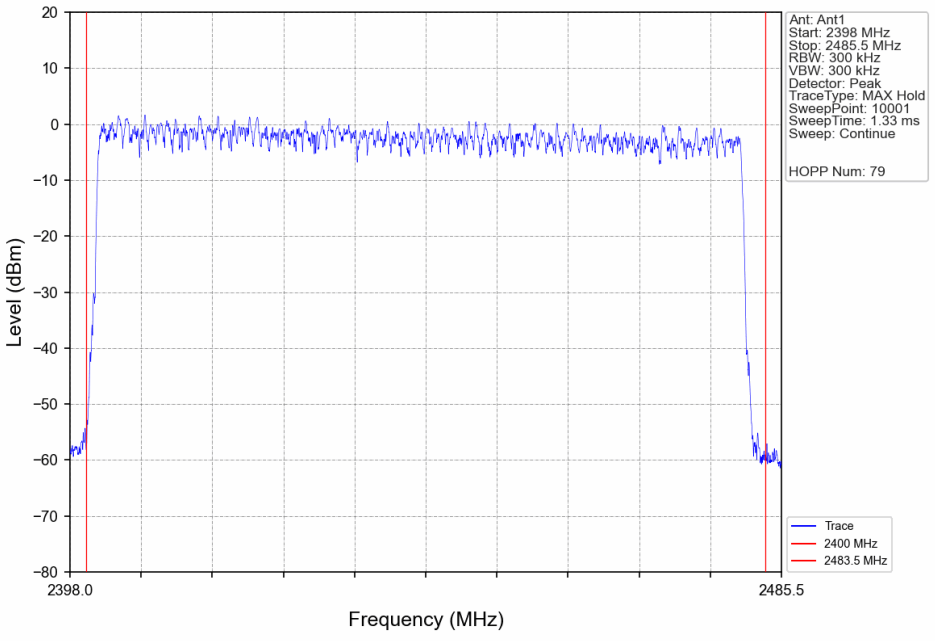
4.2 Test Graph

4.2.1 HoppNum

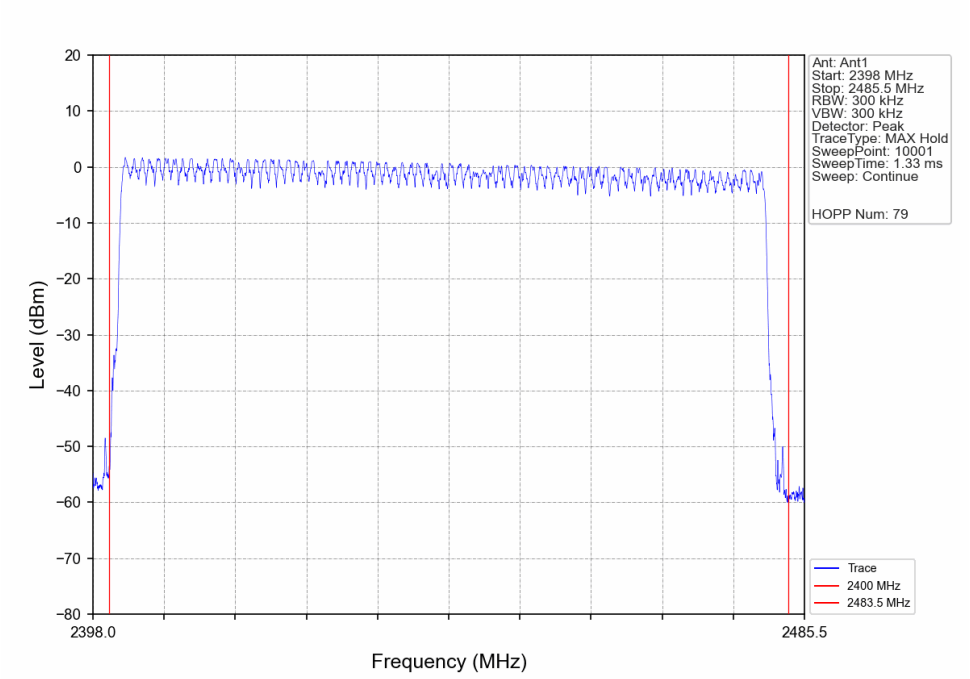
GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



5. Time of Occupancy (Dwell Time)

5.1 Test Result

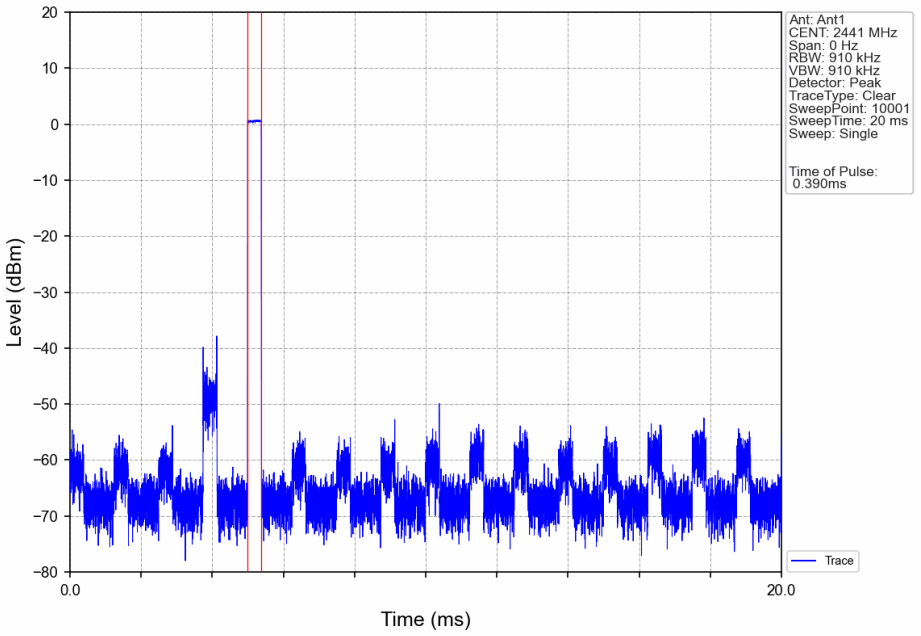
5.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.390	31.600	319	124.410	<=400	Pass
			DH3	1.648	31.600	160	263.680	<=400	Pass
			DH5	2.896	31.600	102	295.392	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.396	31.600	319	126.324	<=400	Pass
			2DH3	1.648	31.600	169	278.512	<=400	Pass
			2DH5	2.904	31.600	111	322.344	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.394	31.600	320	126.080	<=400	Pass
			3DH3	1.648	31.600	158	260.384	<=400	Pass
			3DH5	2.902	31.600	111	322.122	<=400	Pass

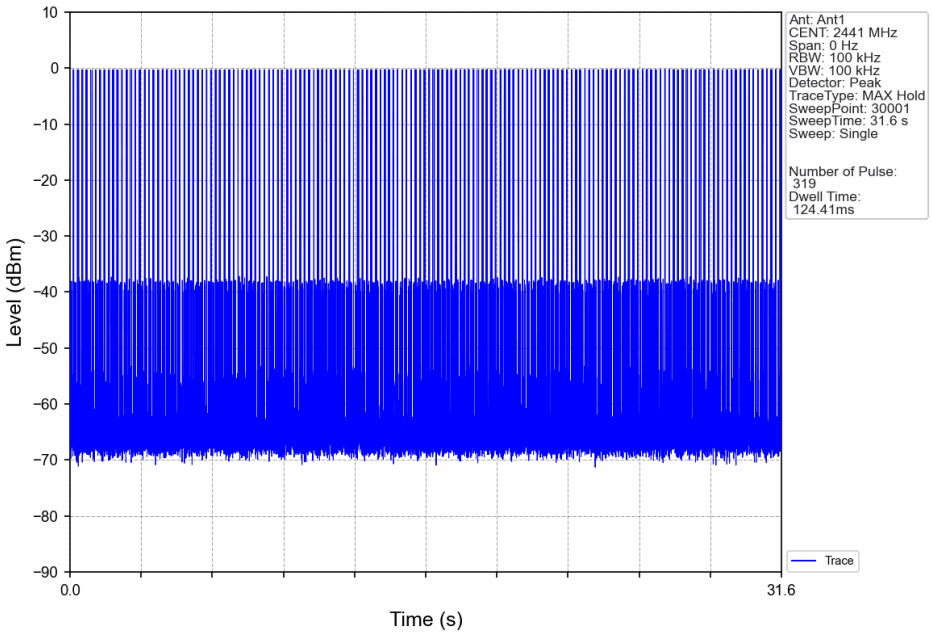
5.2 Test Graph

5.2.1 Ant1

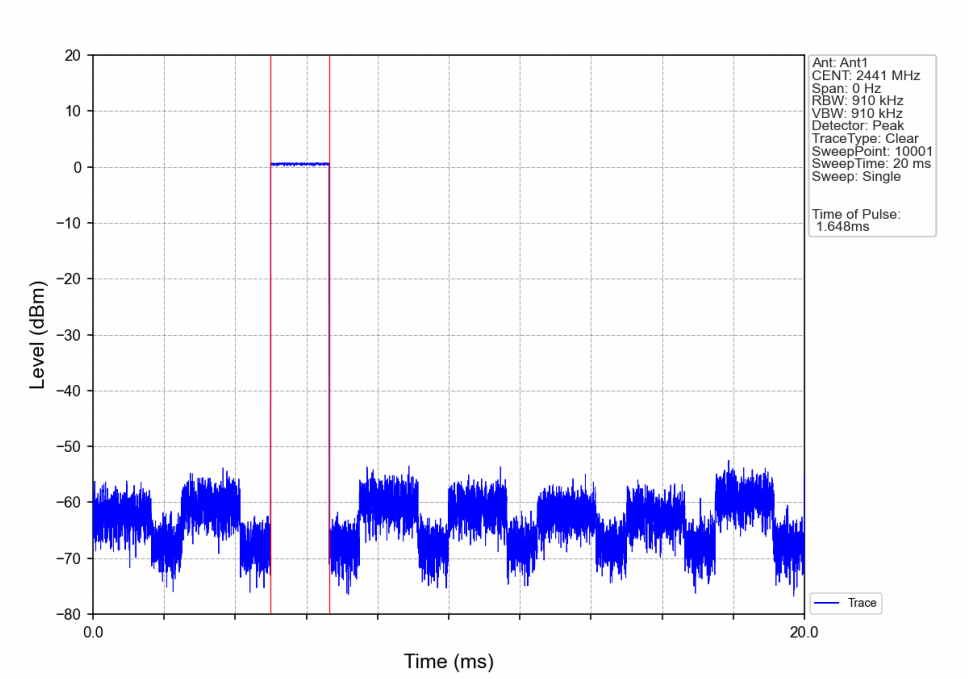
GFSK_DH1_HOPP_Ant1_NTNV



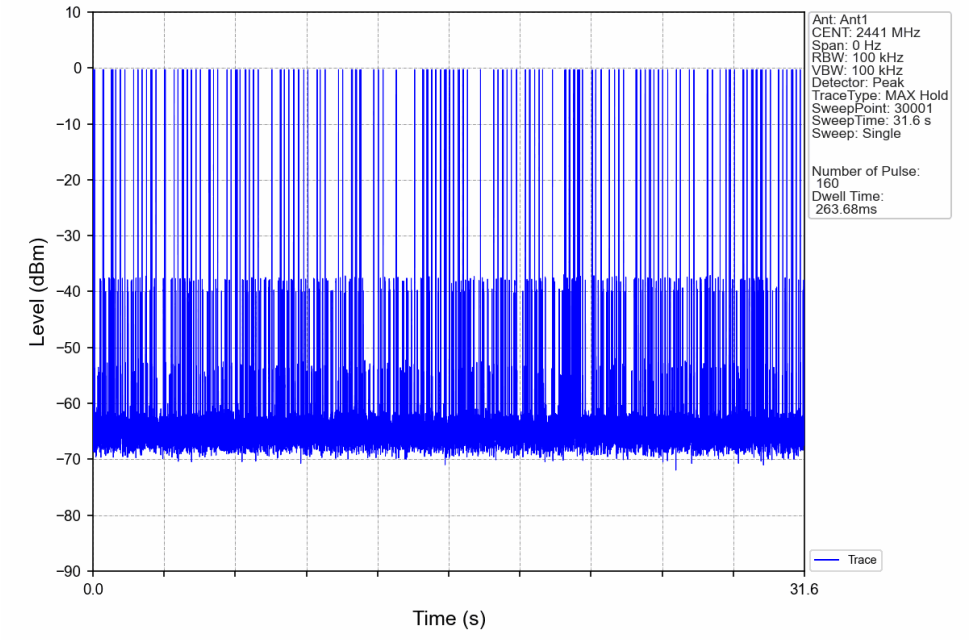
GFSK_DH1_HOPP_Ant1_NTNV



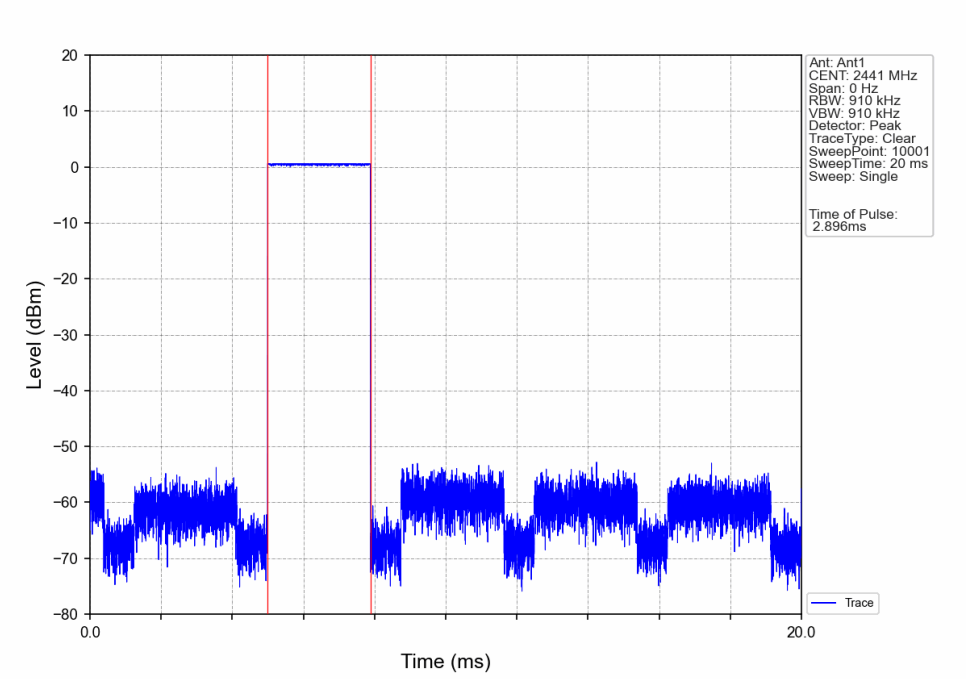
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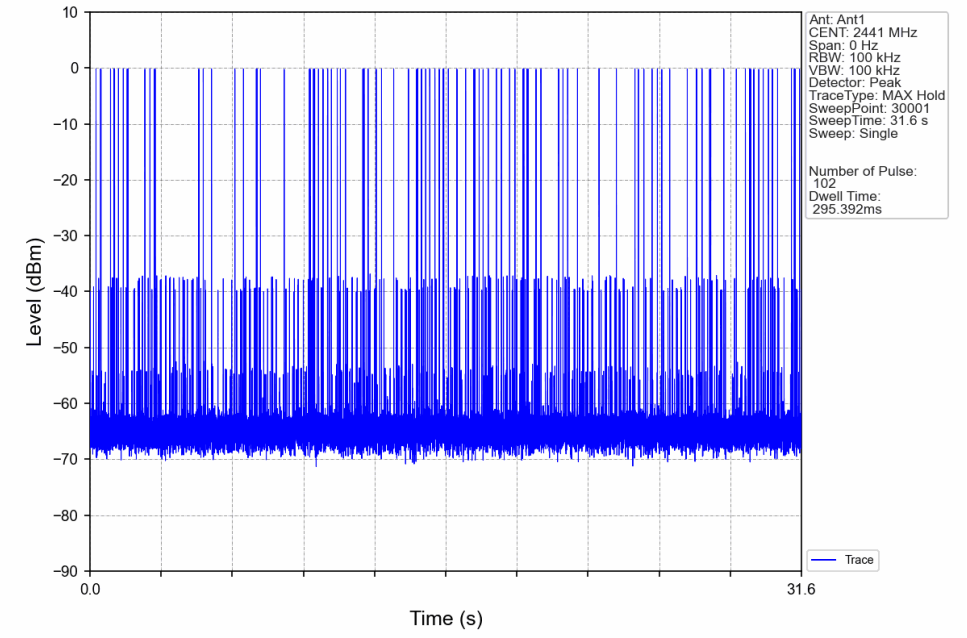
GFSK_DH3_HOPP_Ant1_NTNV

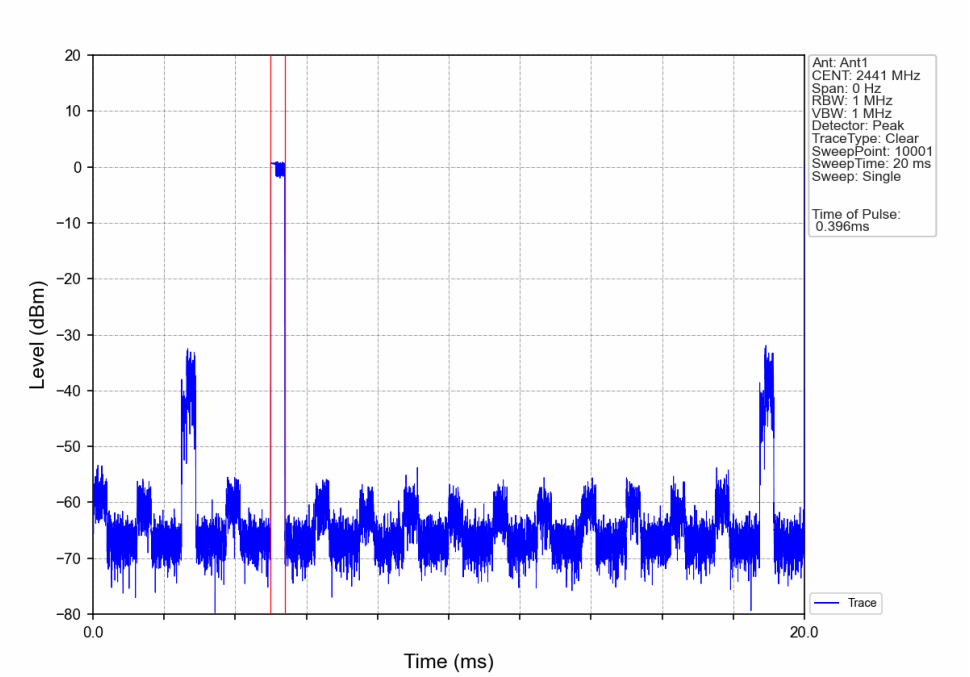


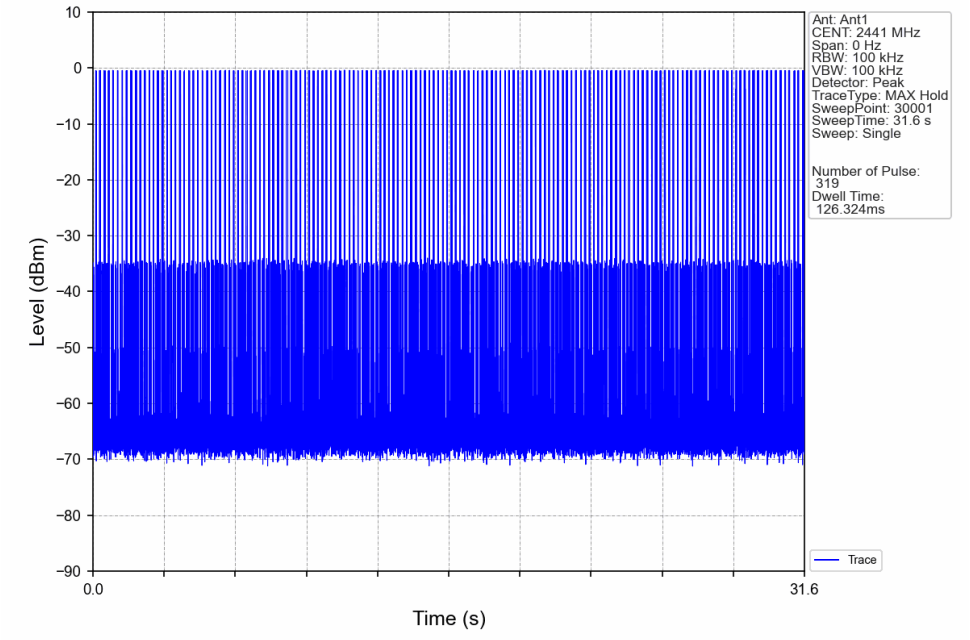
GFSK_DH5_HOPP_Ant1_NTNV

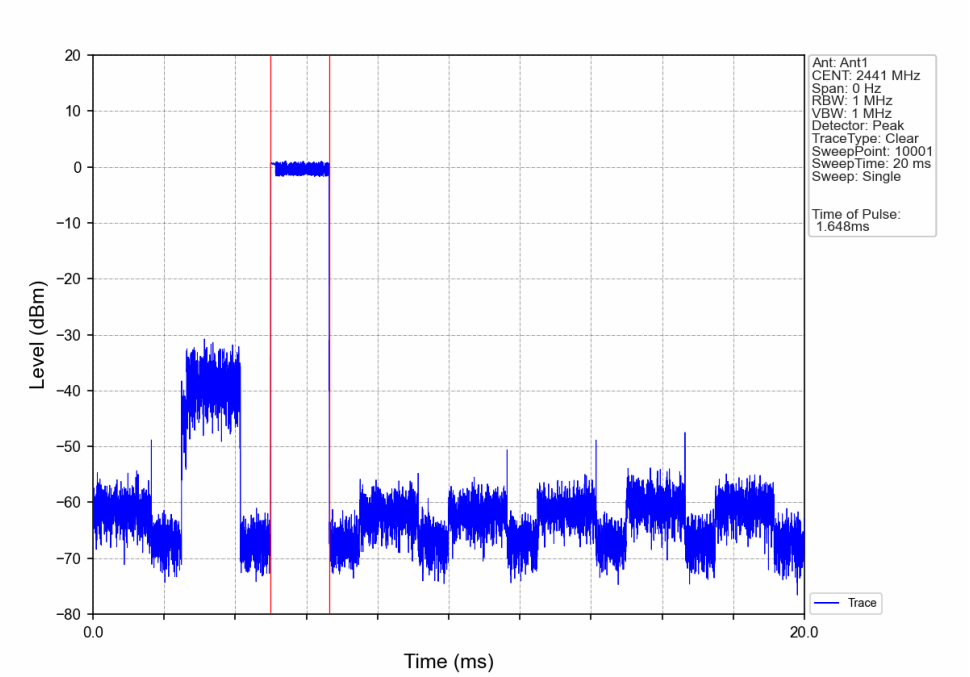


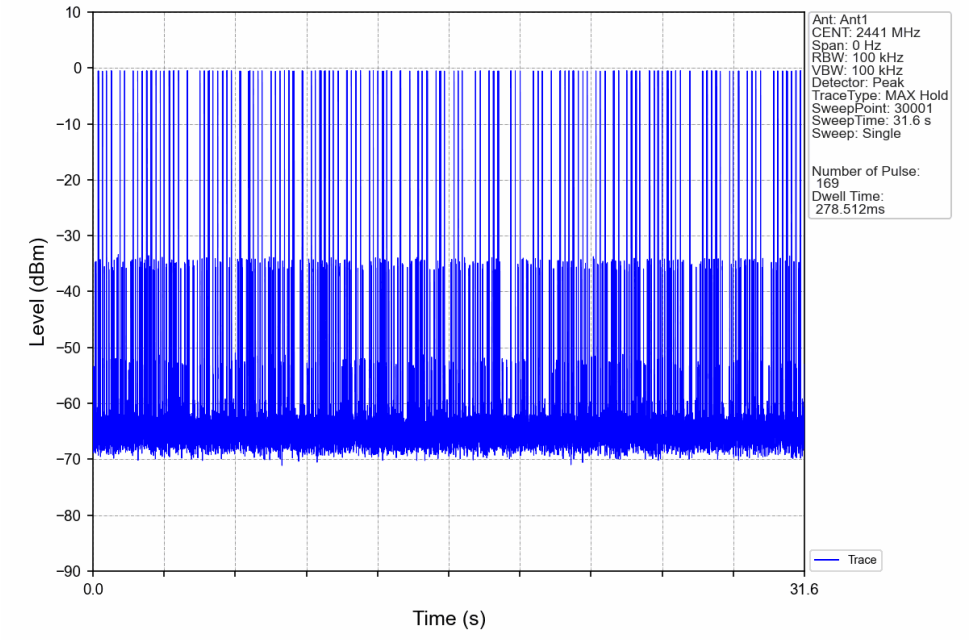
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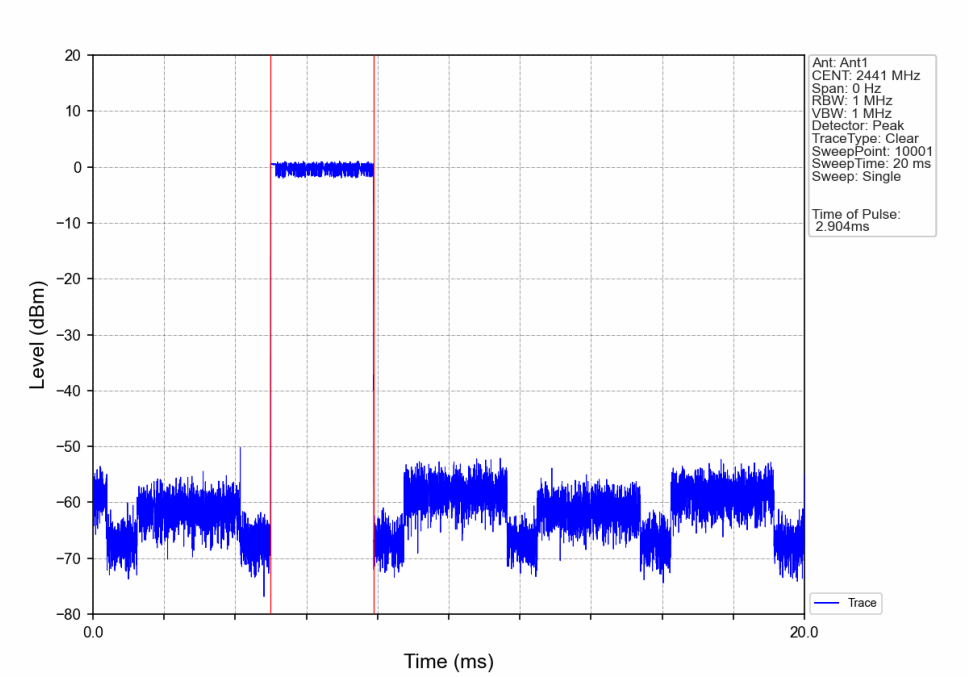


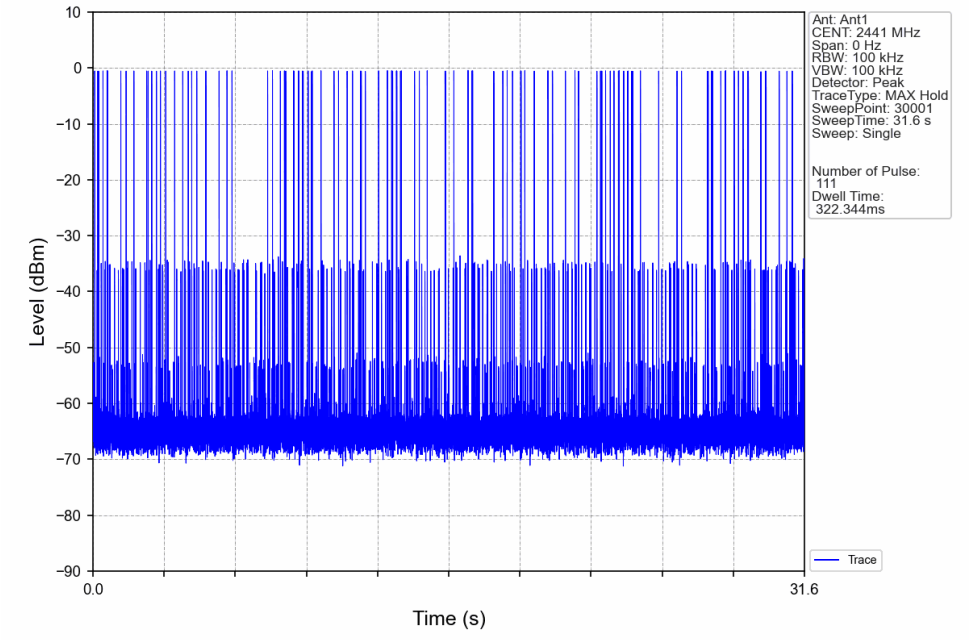
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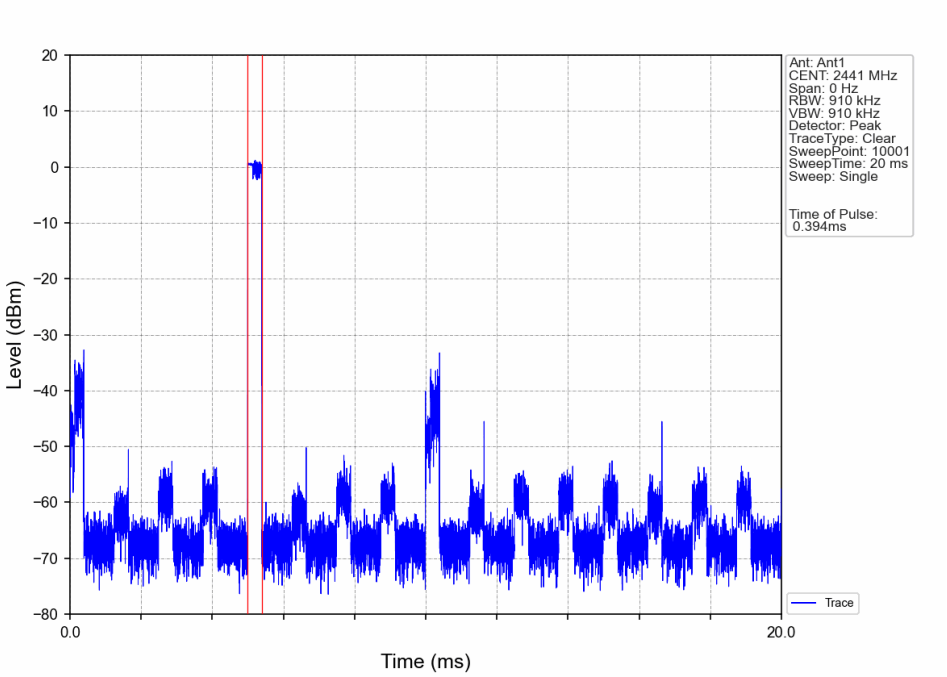
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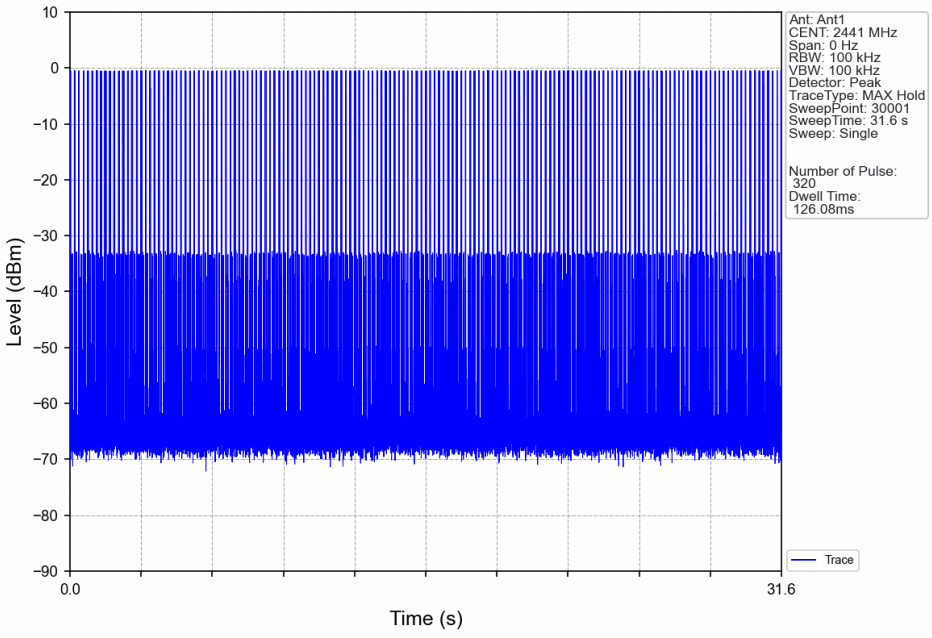
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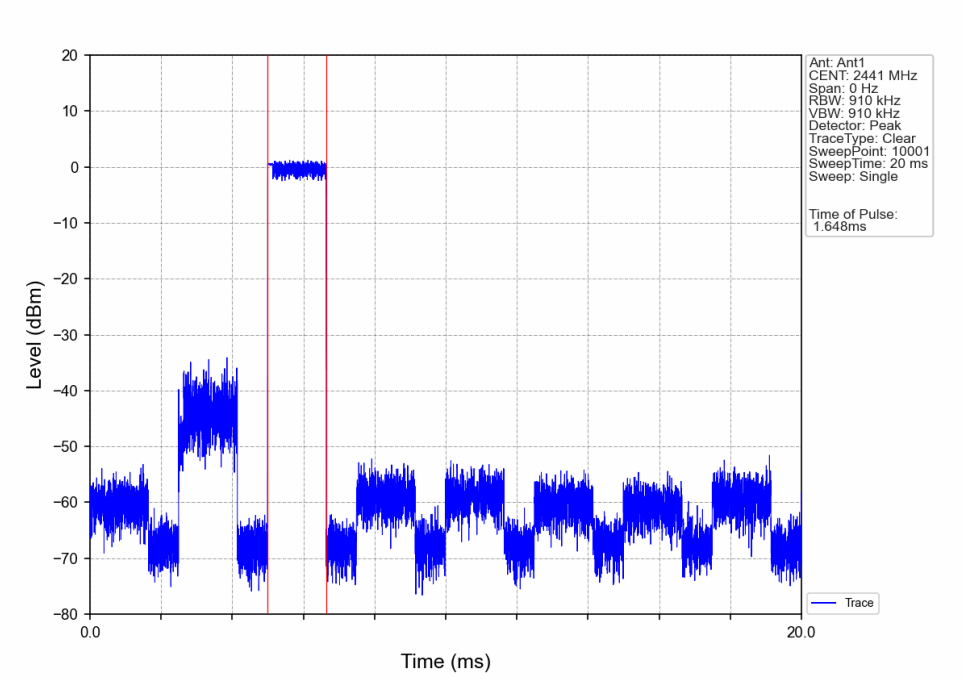
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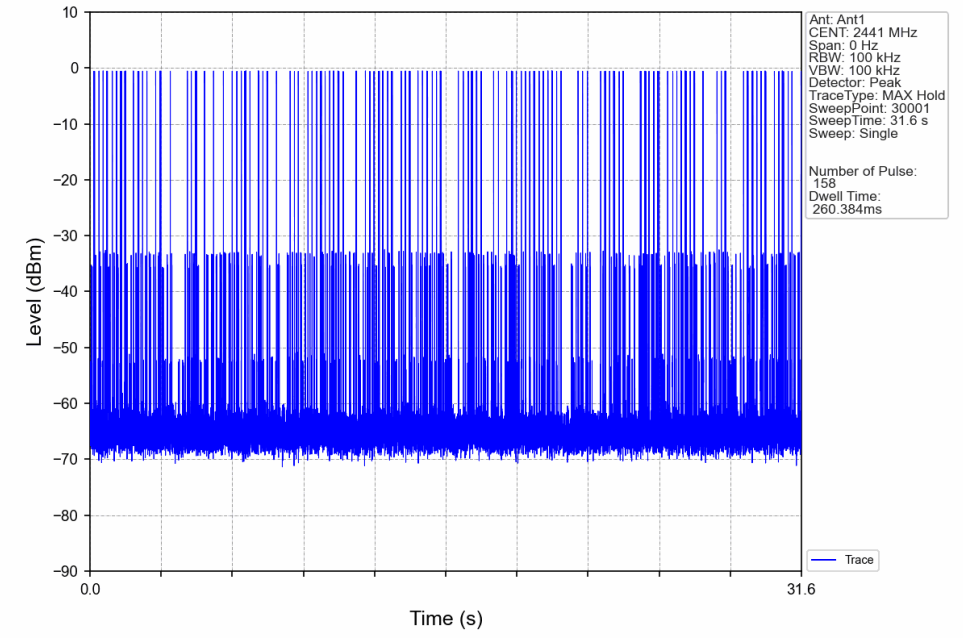
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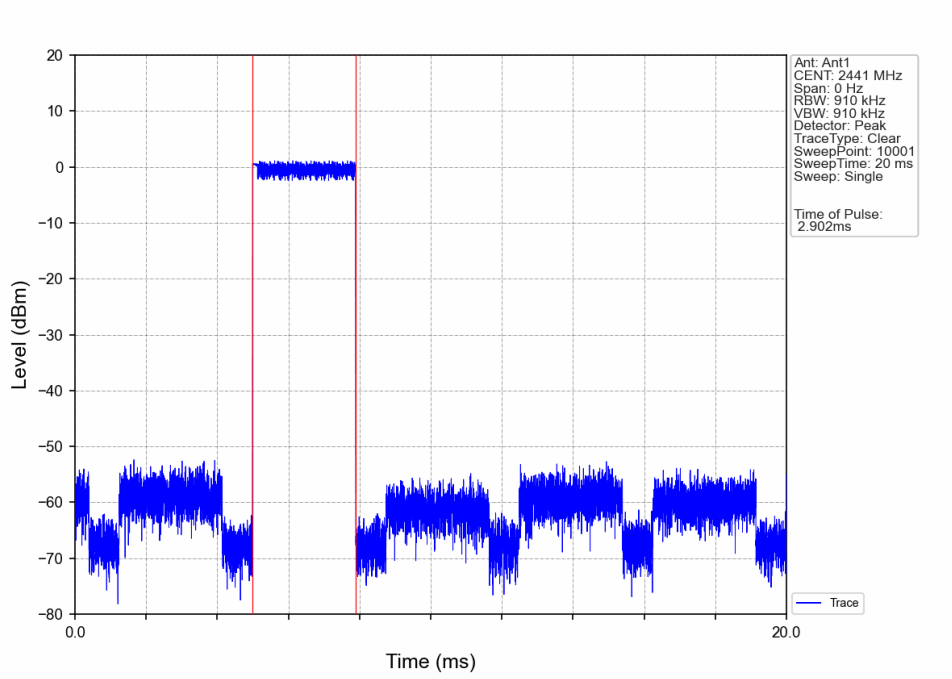
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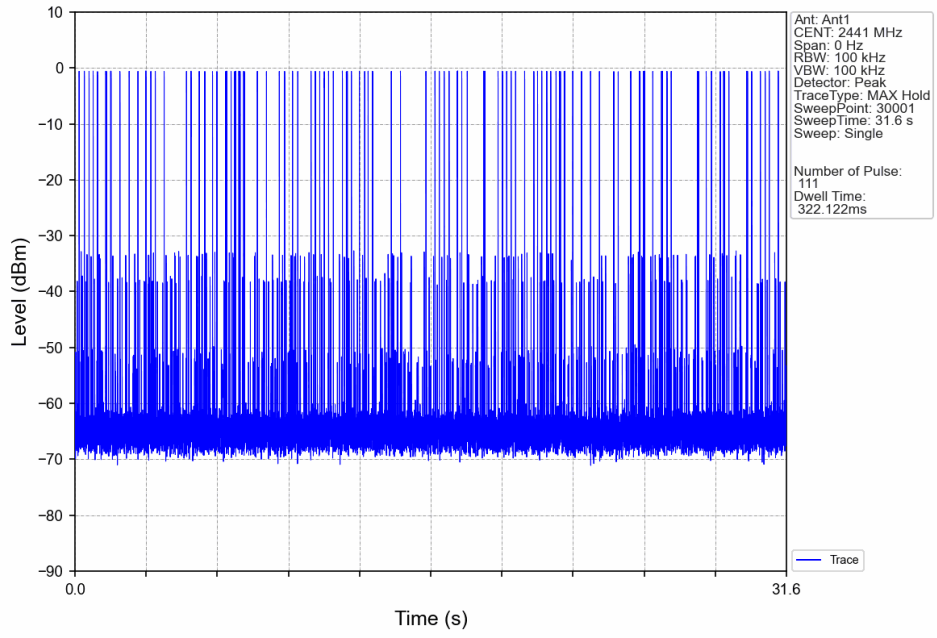
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	1.59
		2441	DH5	1	0.57
		2480	DH5	1	-0.84
		HOPP	DH5	1	1.49
					1.49
Pi/4DQPSK	SISO	2402	2DH5	1	1.53
		2441	2DH5	1	0.53
		2480	2DH5	1	-0.70
		HOPP	2DH5	1	1.20
					1.20
8DPSK	SISO	2402	3DH5	1	1.62
		2441	3DH5	1	0.50
		2480	3DH5	1	-0.86
		HOPP	3DH5	1	1.33
					1.33
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.					

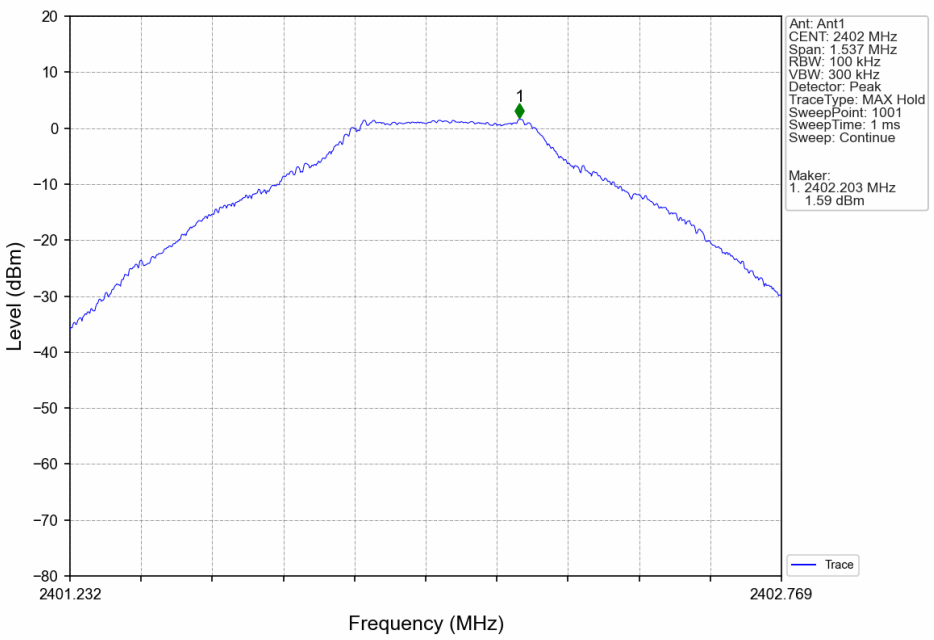
6.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	1.59	-18.41	Pass
		2441	DH5	1	0.57	-19.43	Pass
		2480	DH5	1	-0.84	-20.84	Pass
		HOPP	DH5	1	1.49	-18.51	Pass
					1.49	-18.51	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.53	-18.47	Pass
		2441	2DH5	1	0.53	-19.47	Pass
		2480	2DH5	1	-0.70	-20.70	Pass
		HOPP	2DH5	1	1.20	-18.80	Pass
					1.20	-18.80	Pass
8DPSK	SISO	2402	3DH5	1	1.62	-18.38	Pass
		2441	3DH5	1	0.50	-19.50	Pass
		2480	3DH5	1	-0.86	-20.86	Pass
		HOPP	3DH5	1	1.33	-18.67	Pass
					1.33	-18.67	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.							

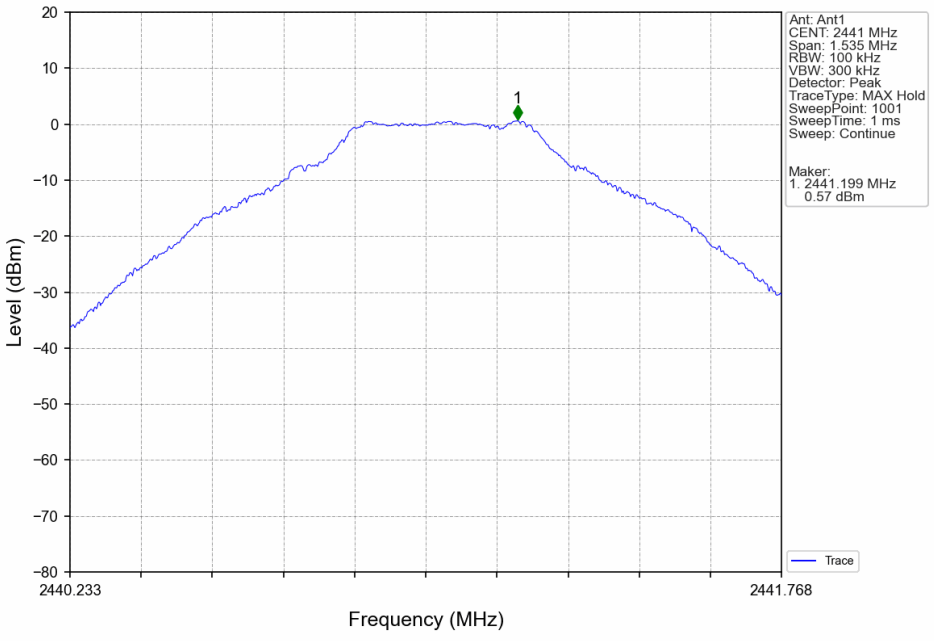
6.2 Test Graph

6.2.1 Ref

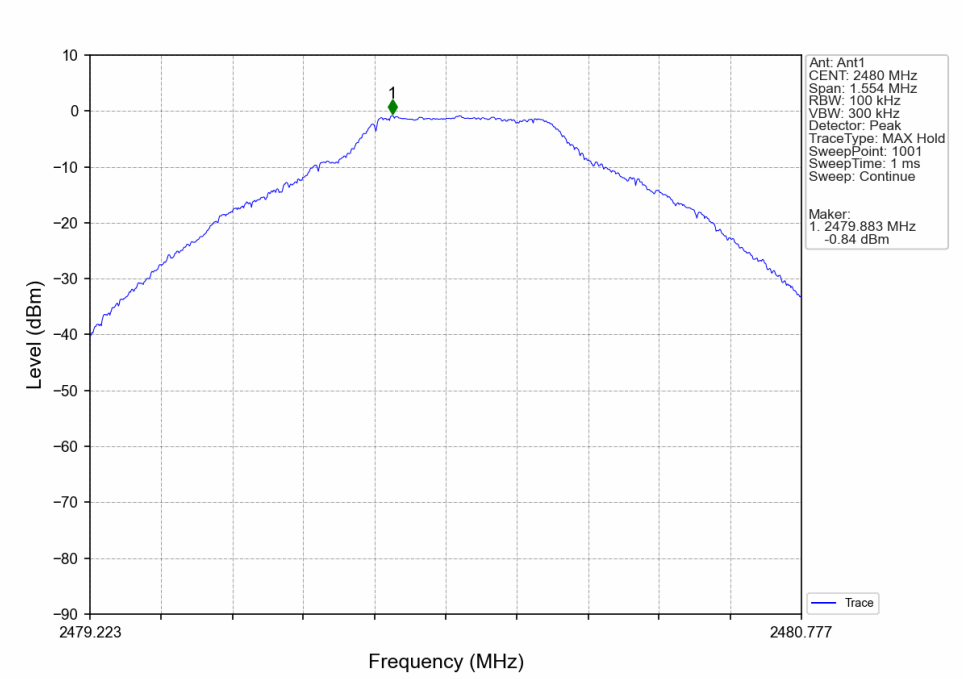
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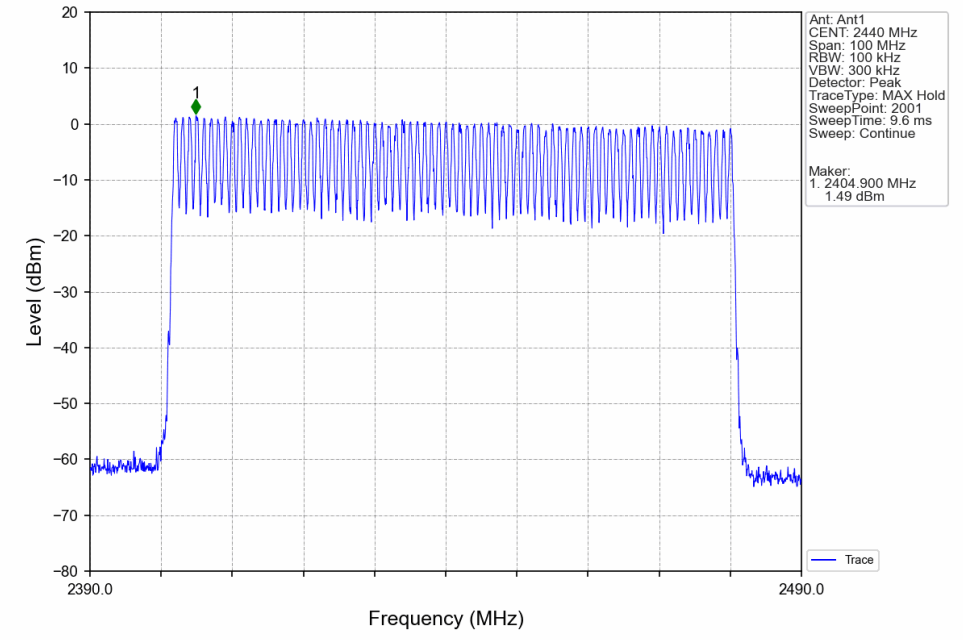
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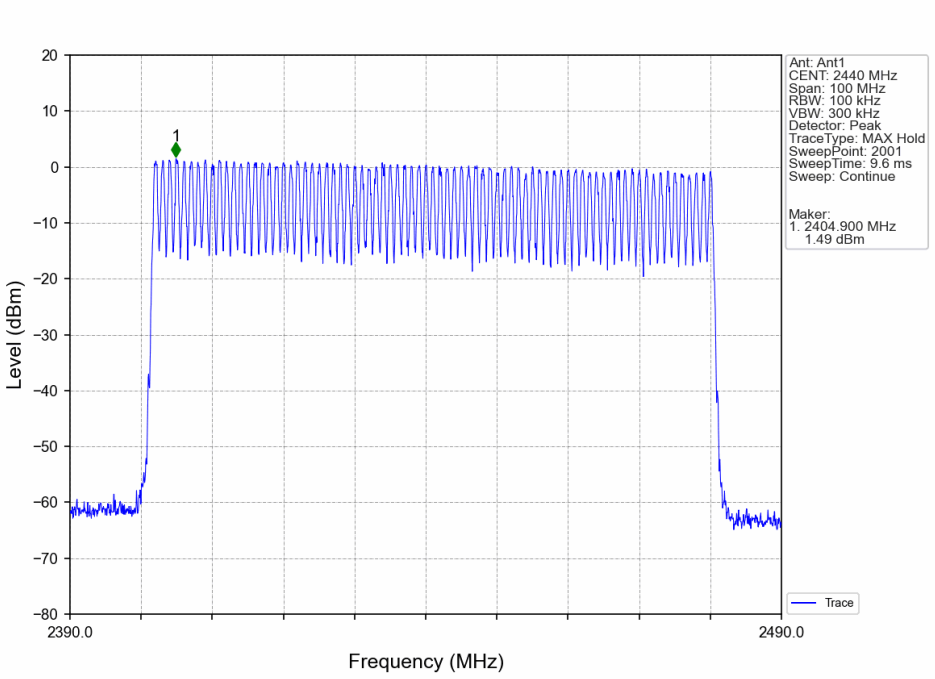
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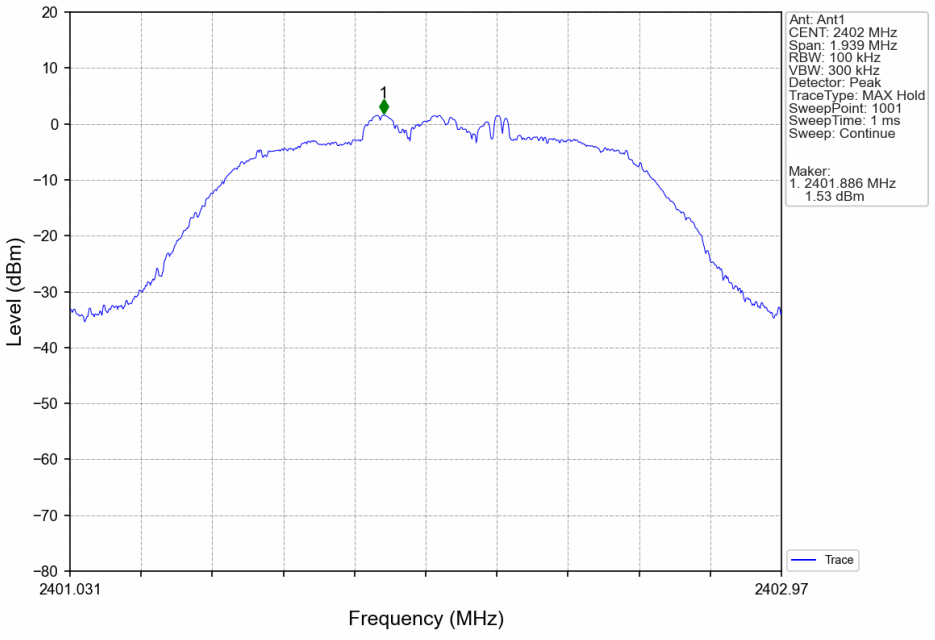
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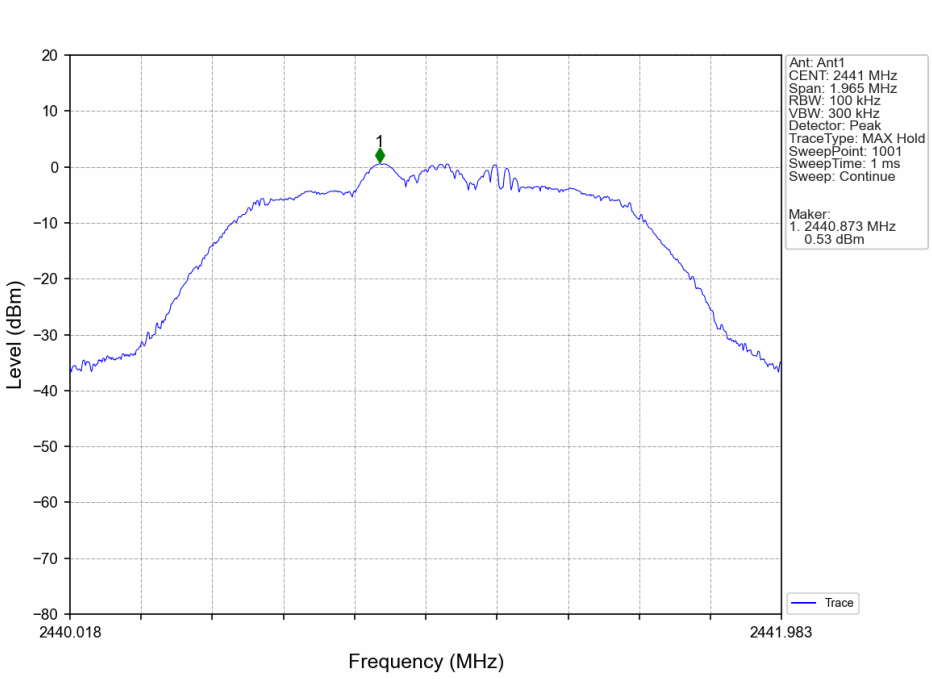
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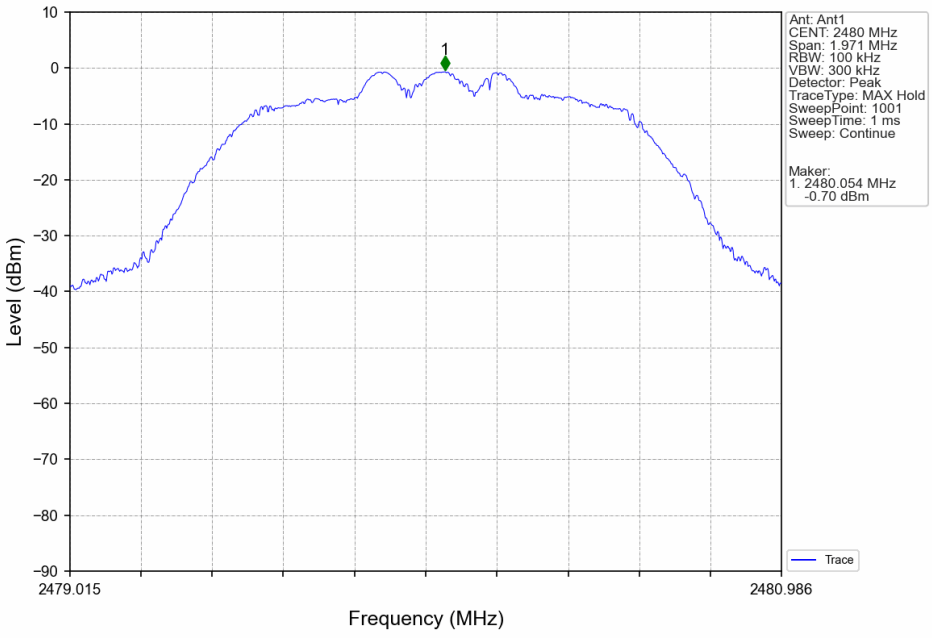
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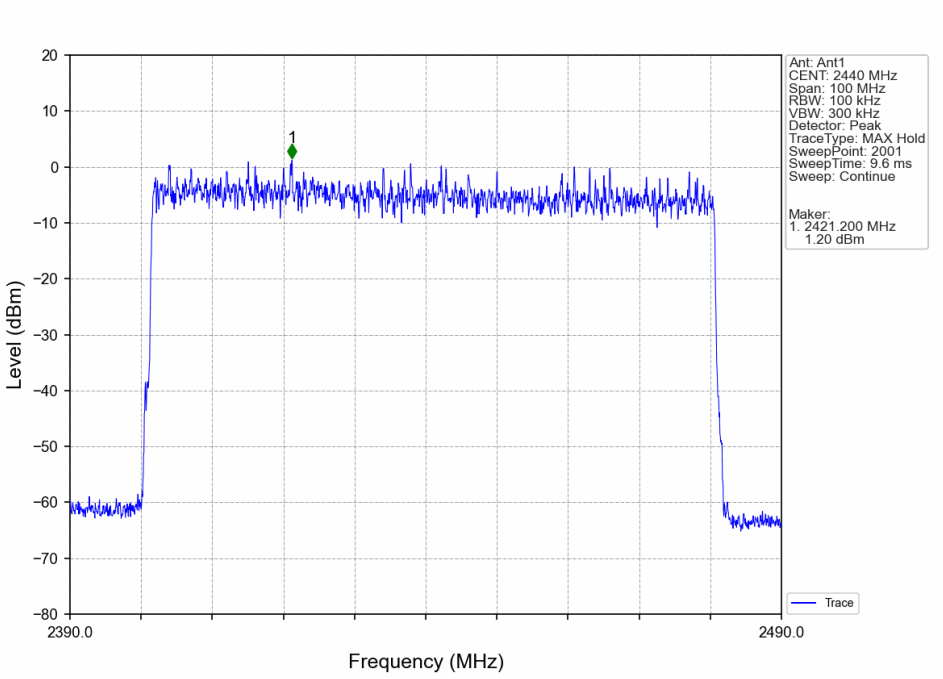
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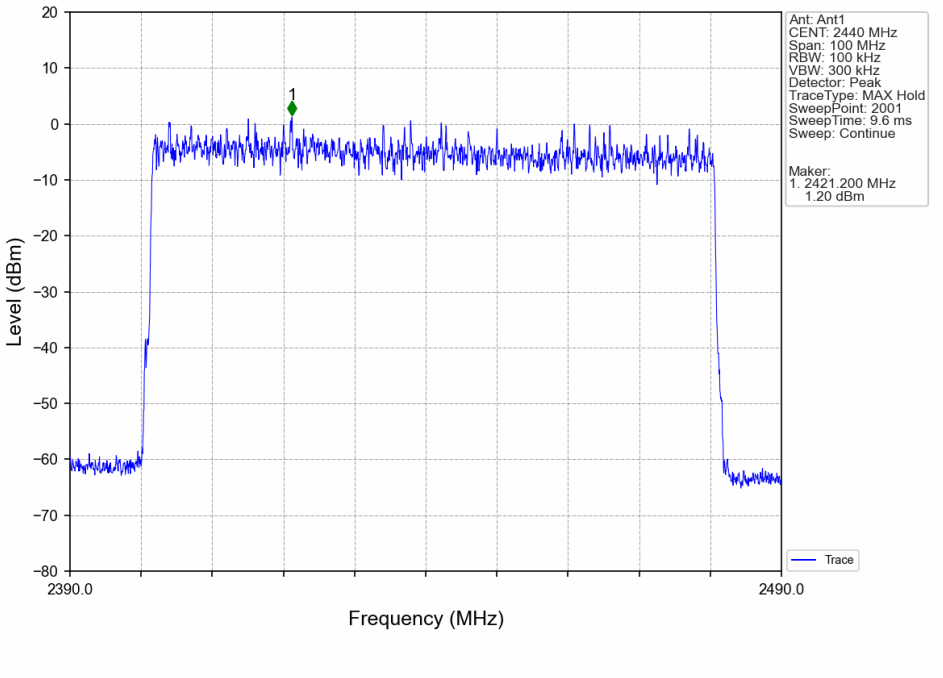
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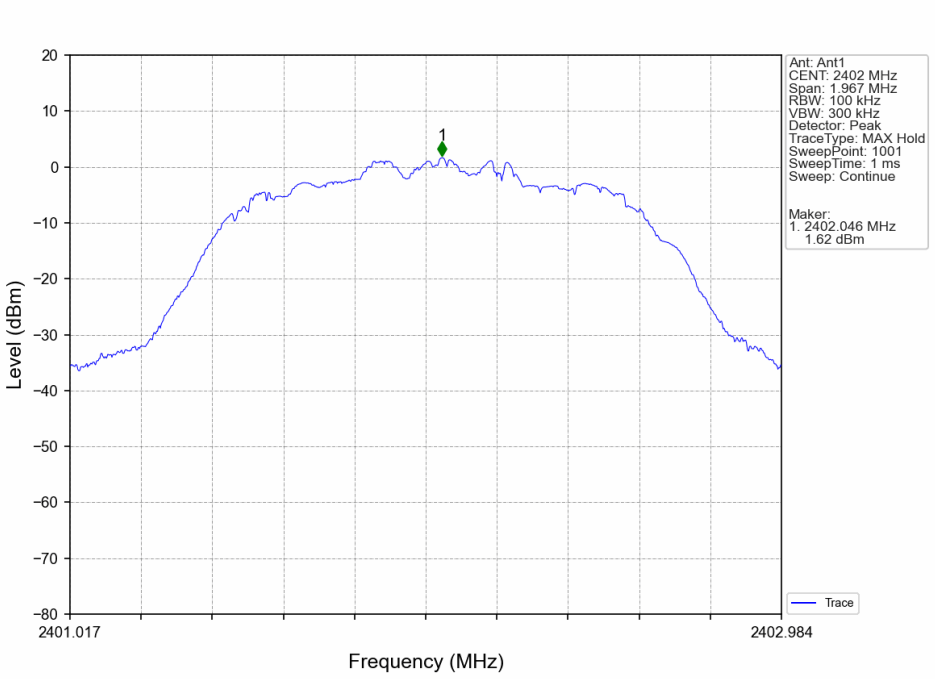
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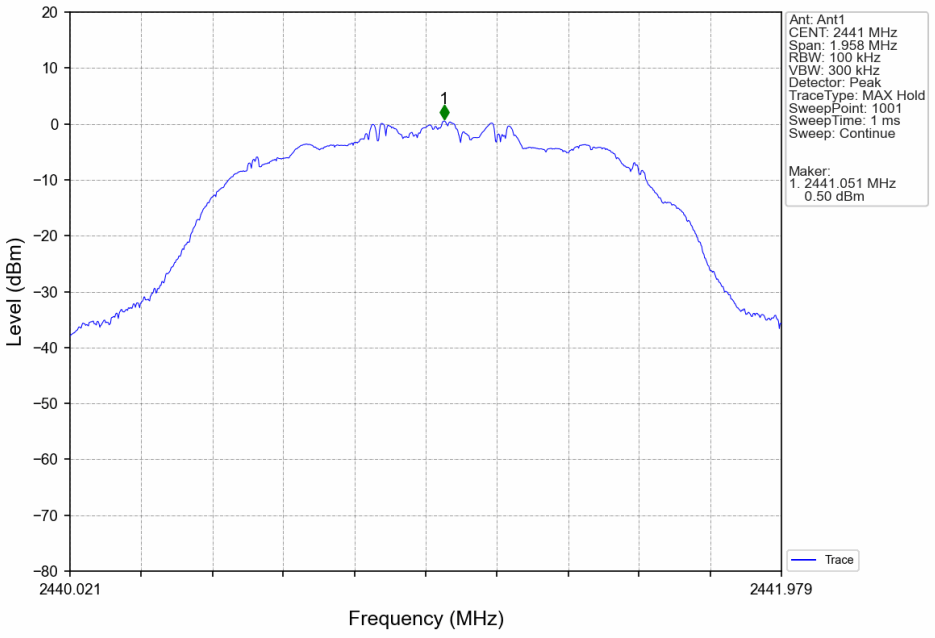
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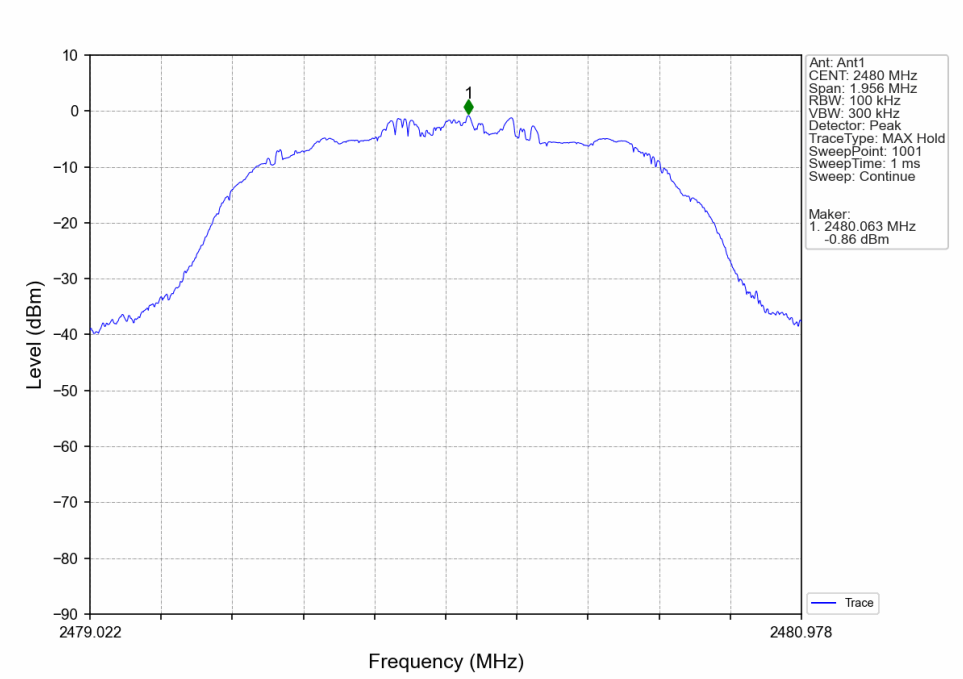
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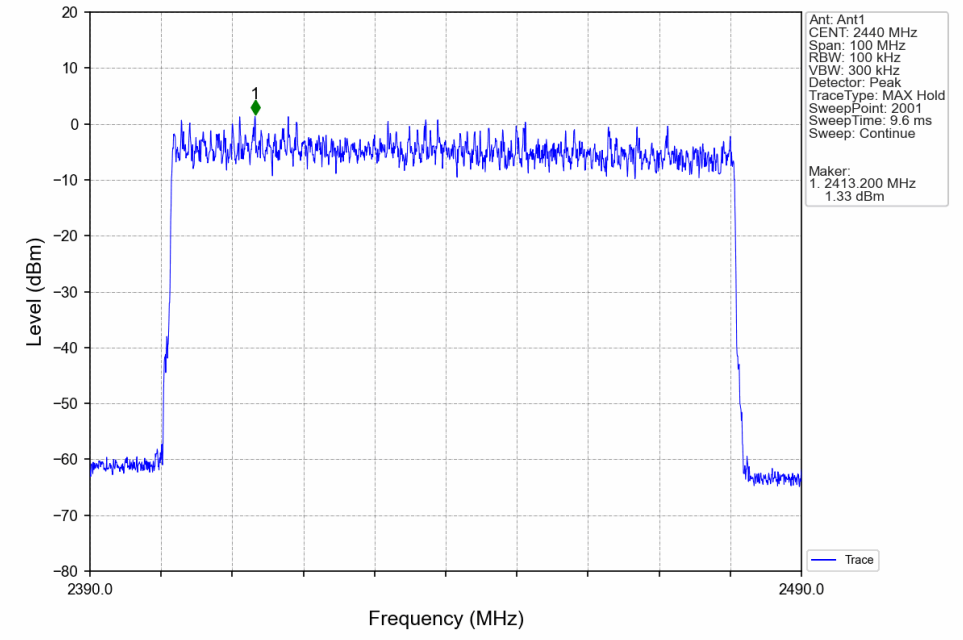
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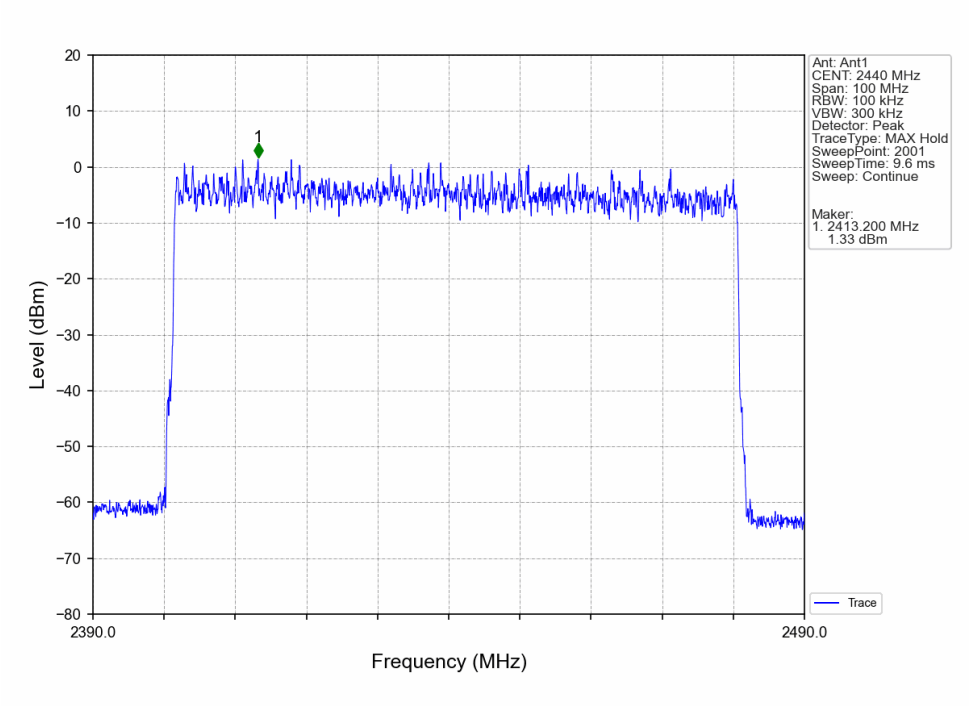


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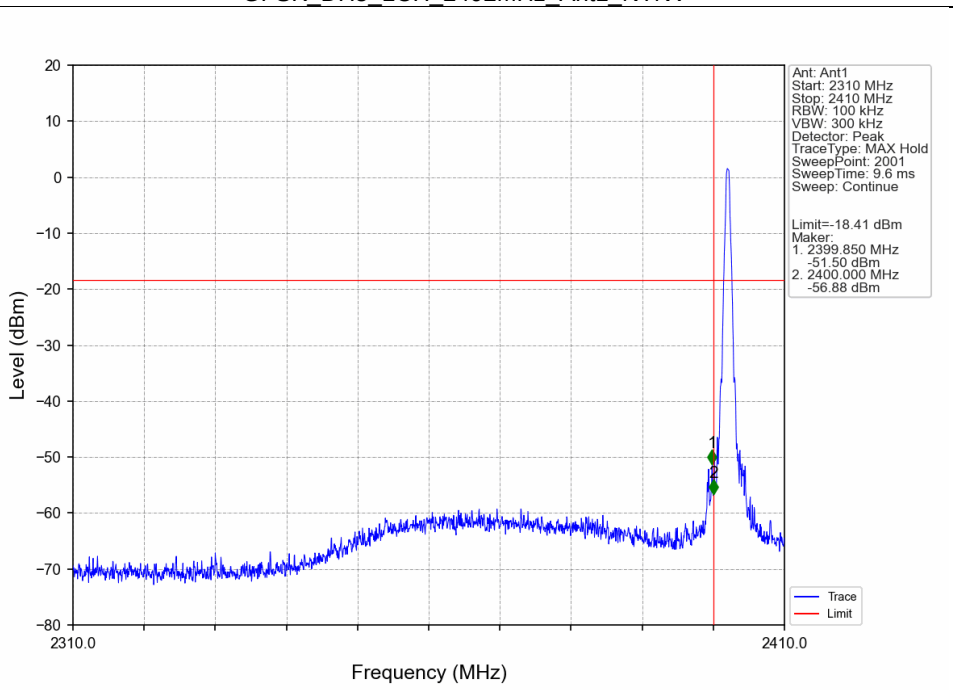
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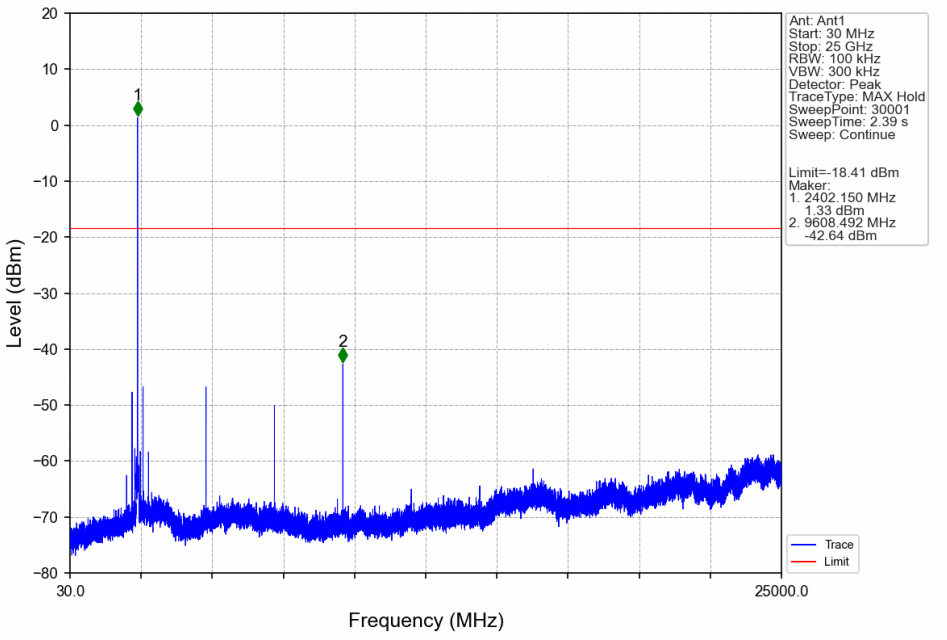
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6.2.2 CSE

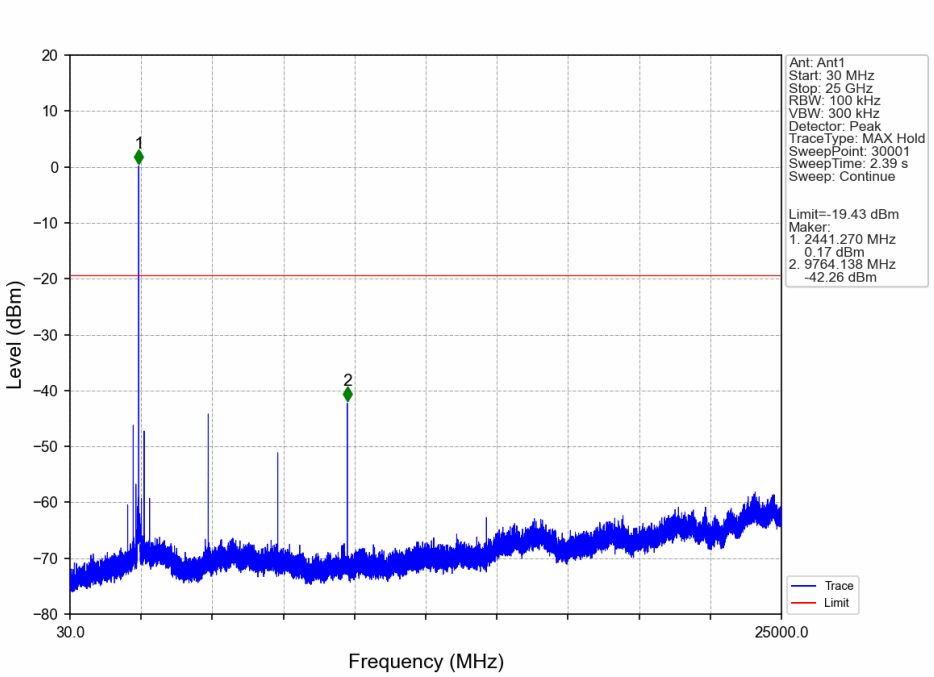
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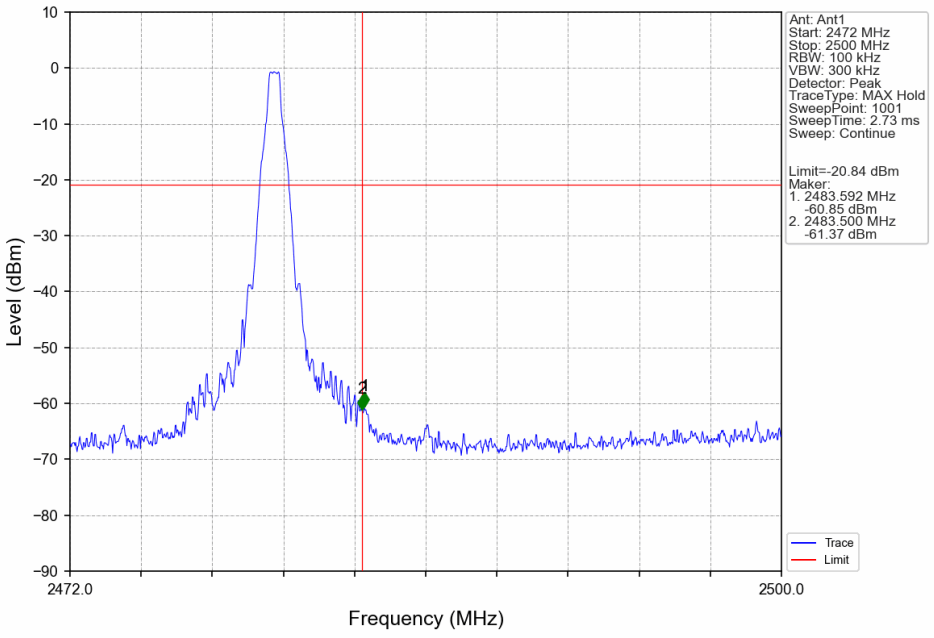
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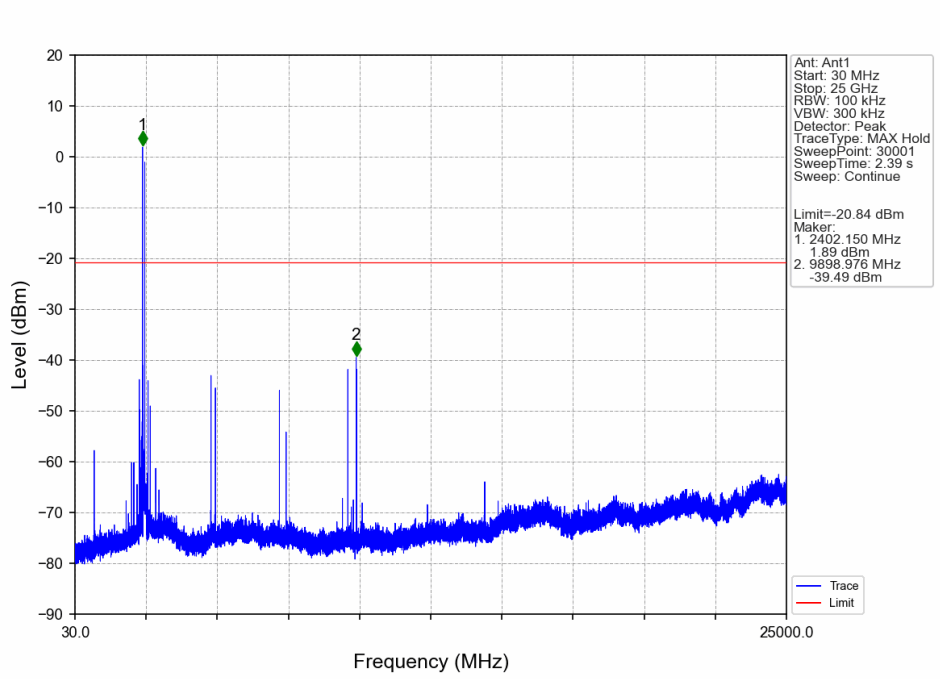
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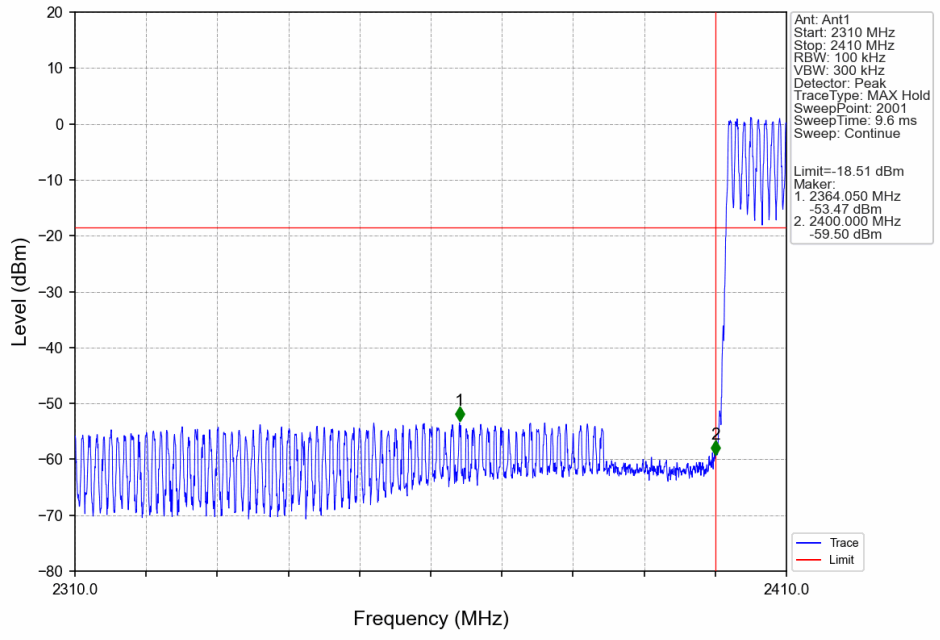
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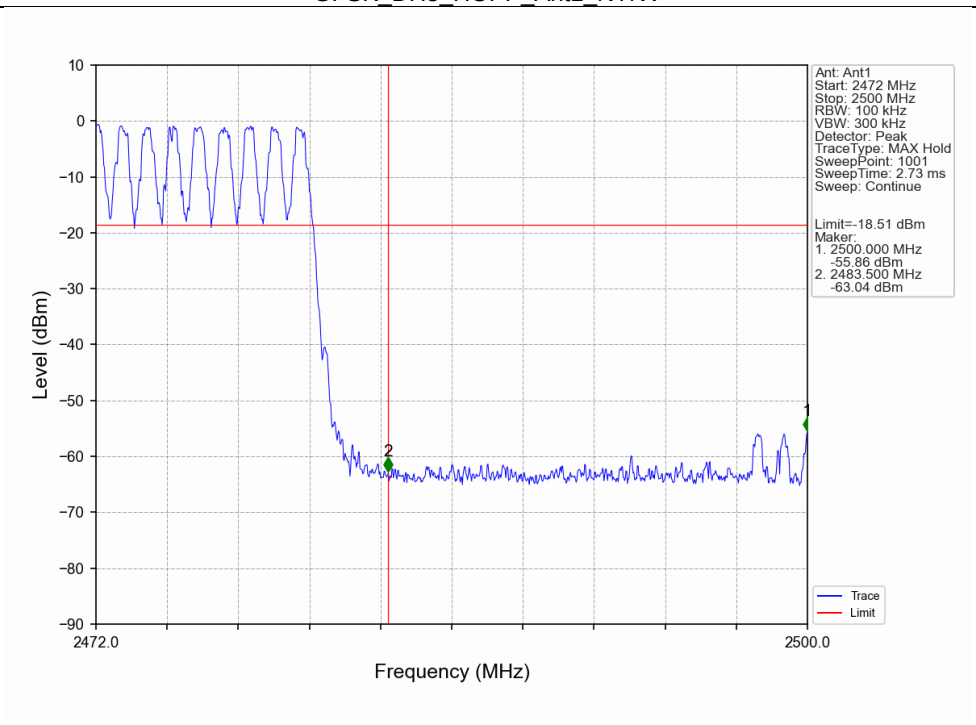
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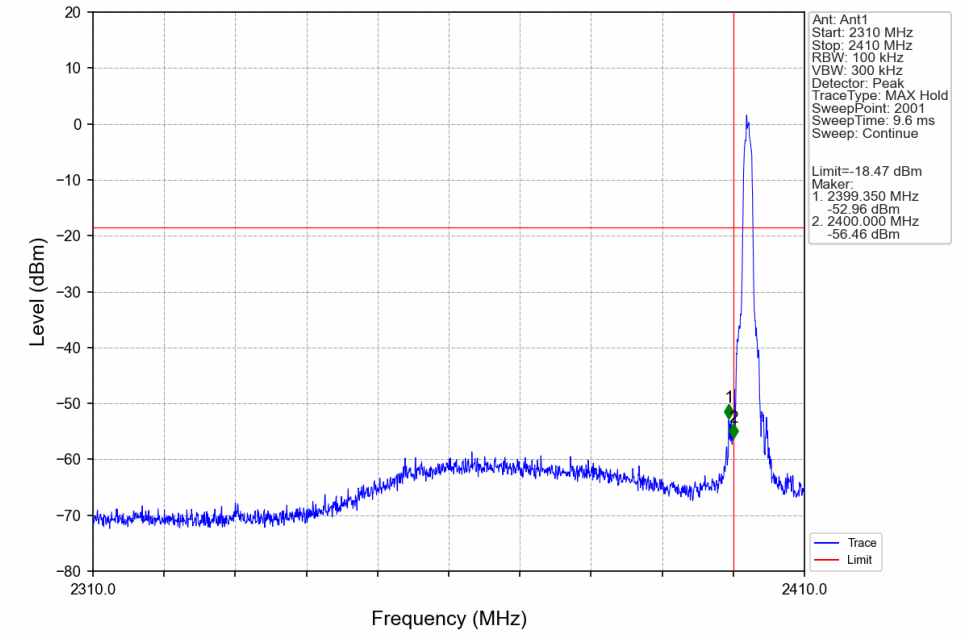
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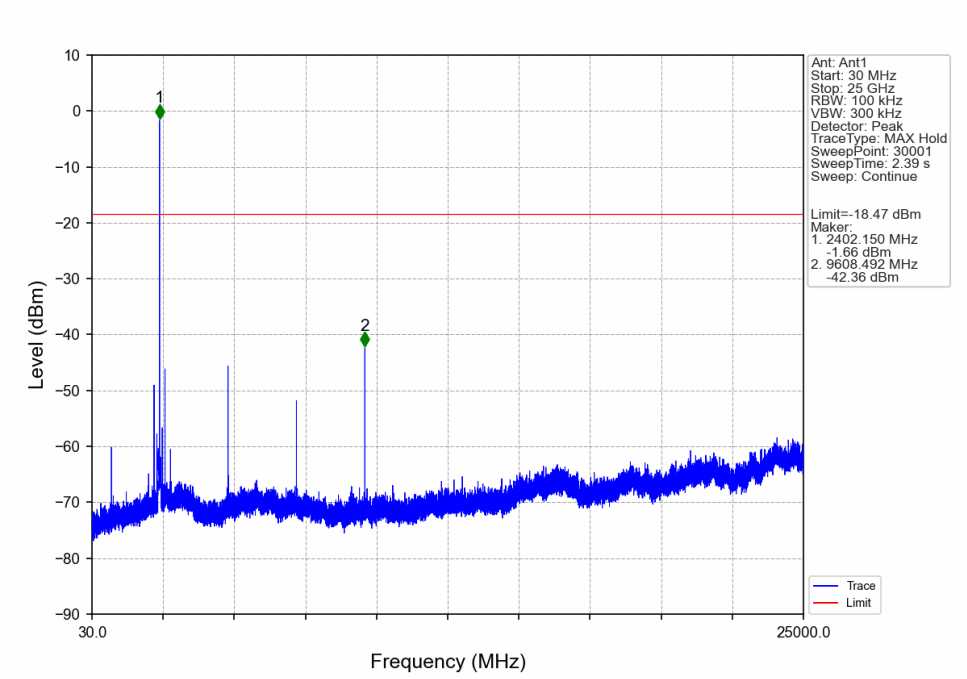
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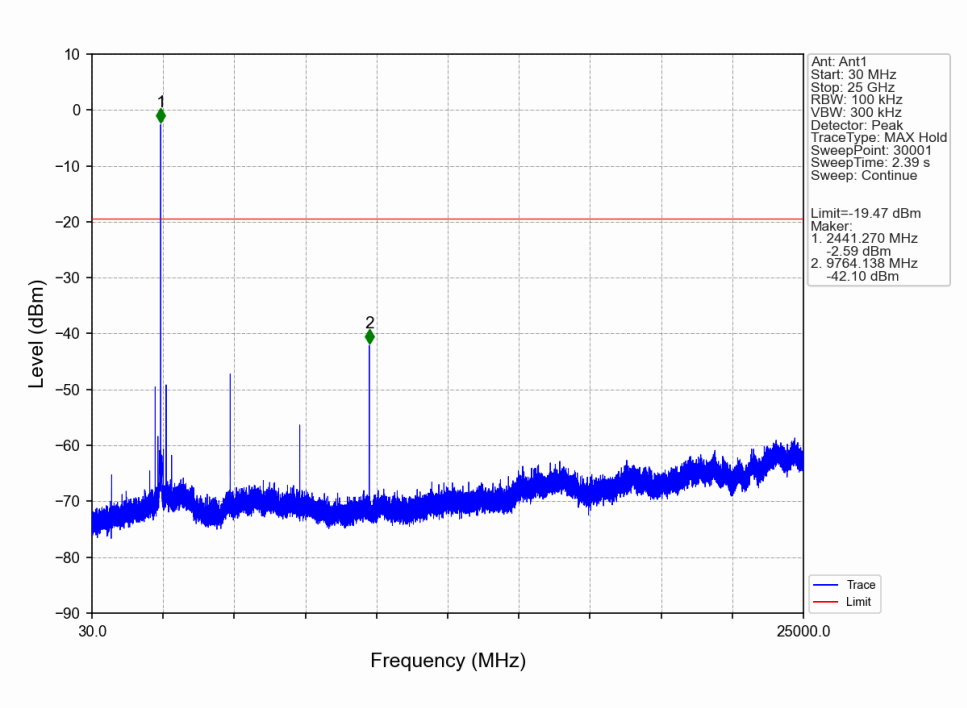
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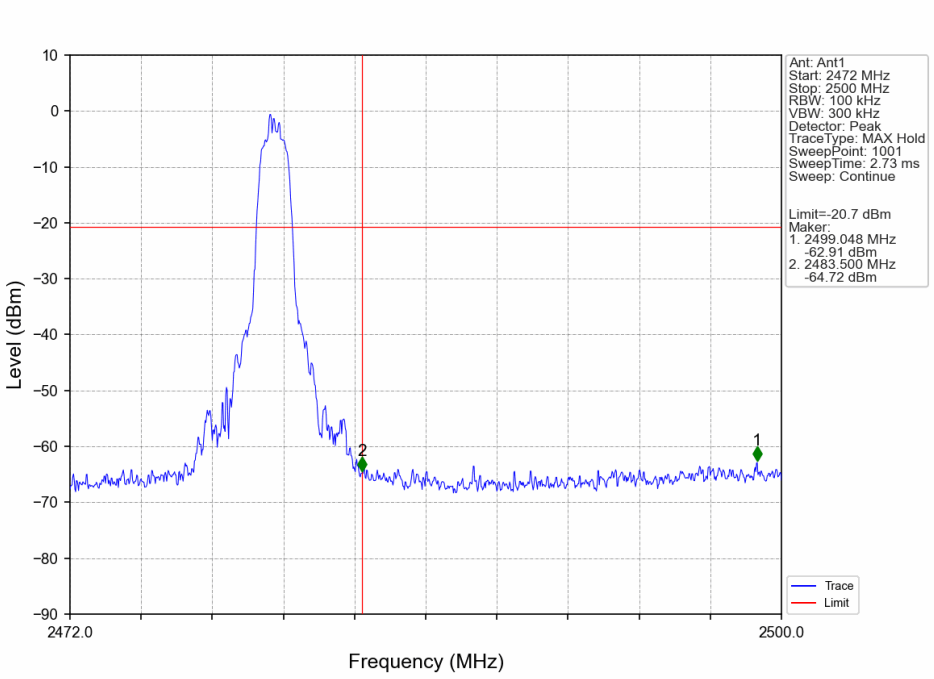
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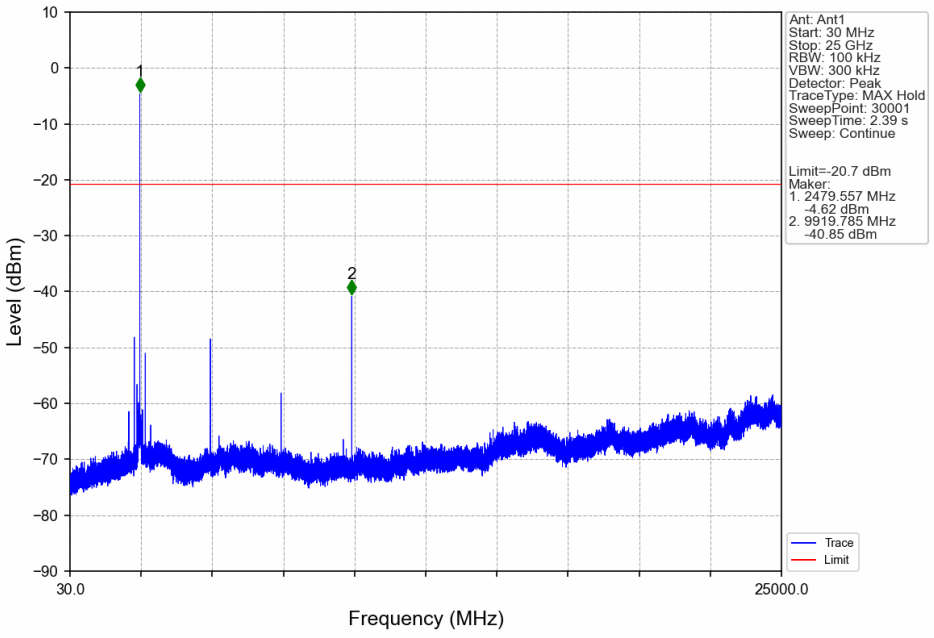
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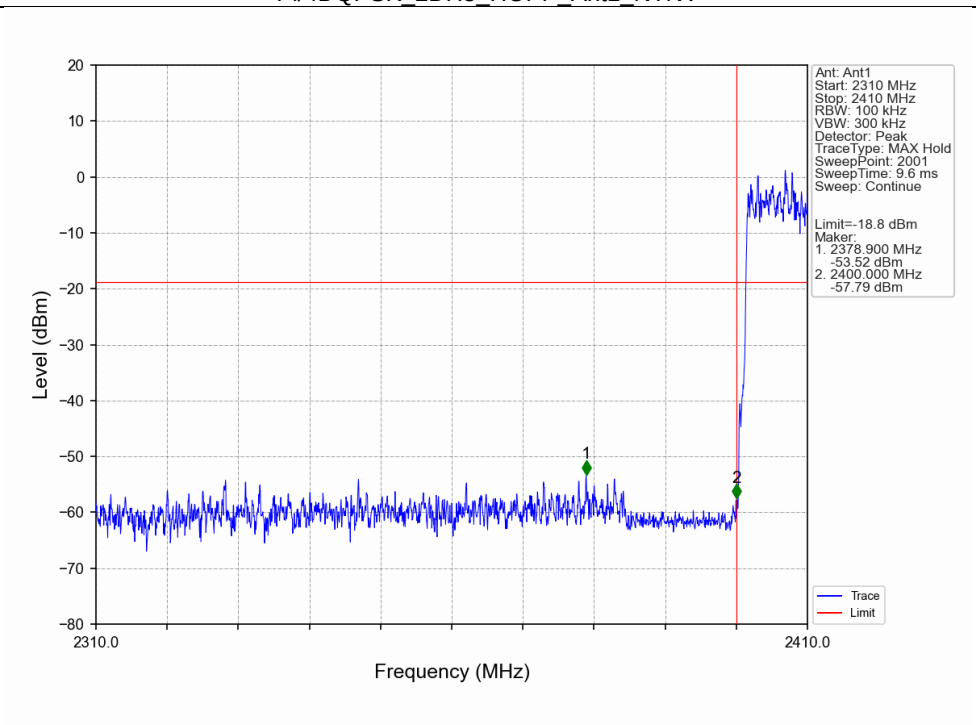
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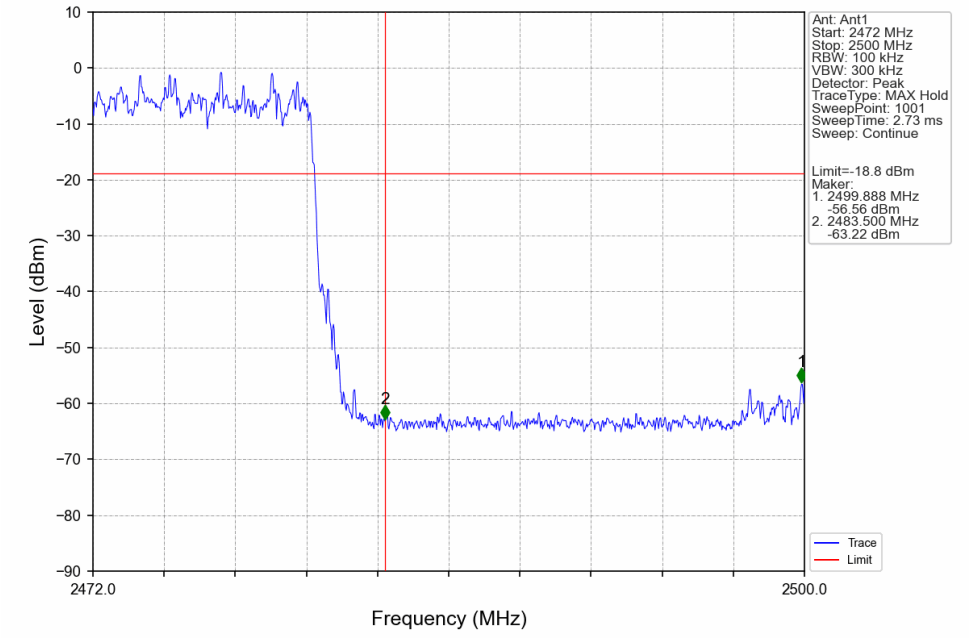
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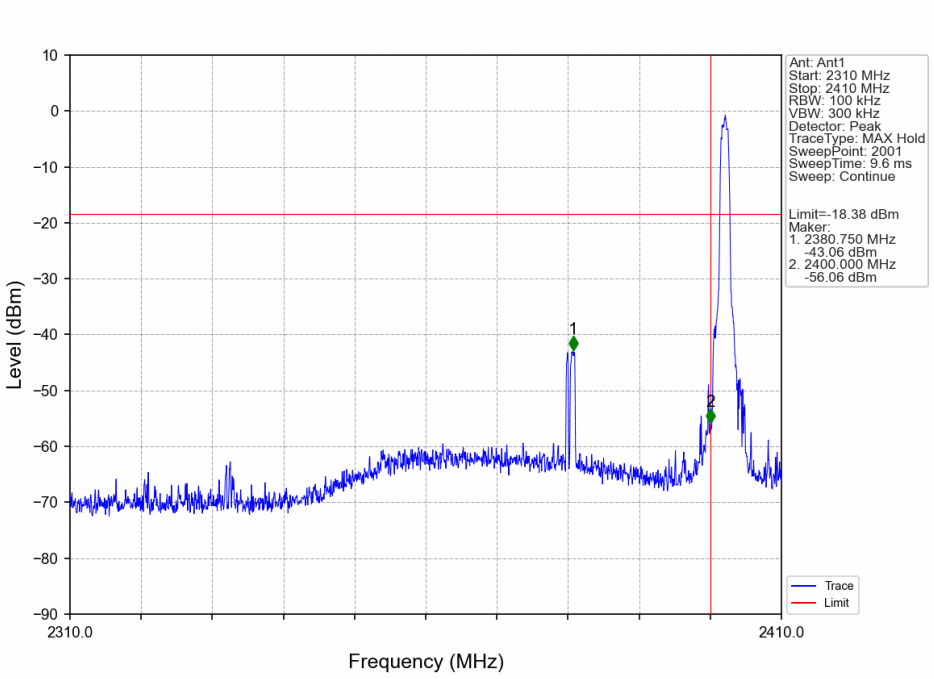
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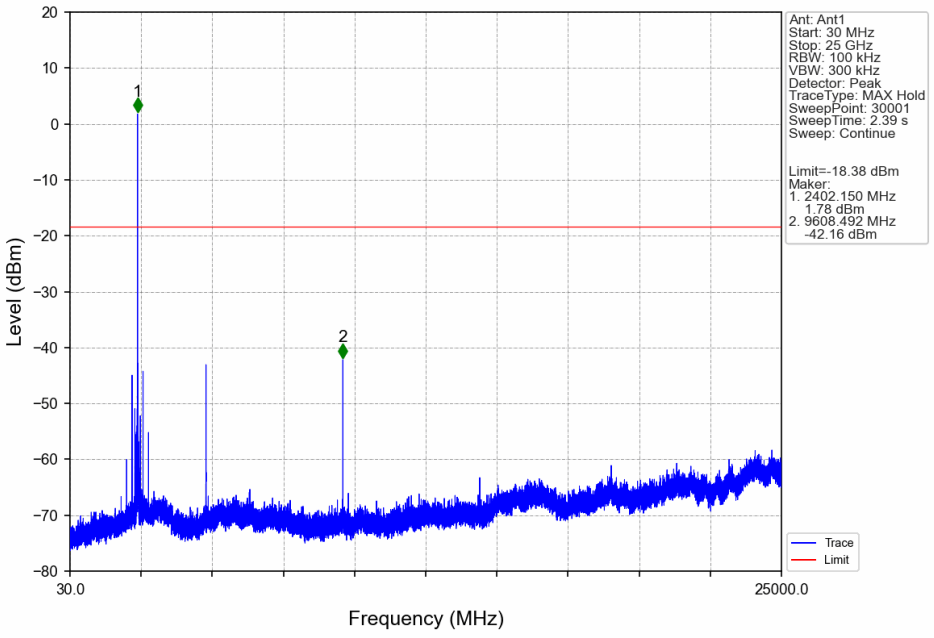
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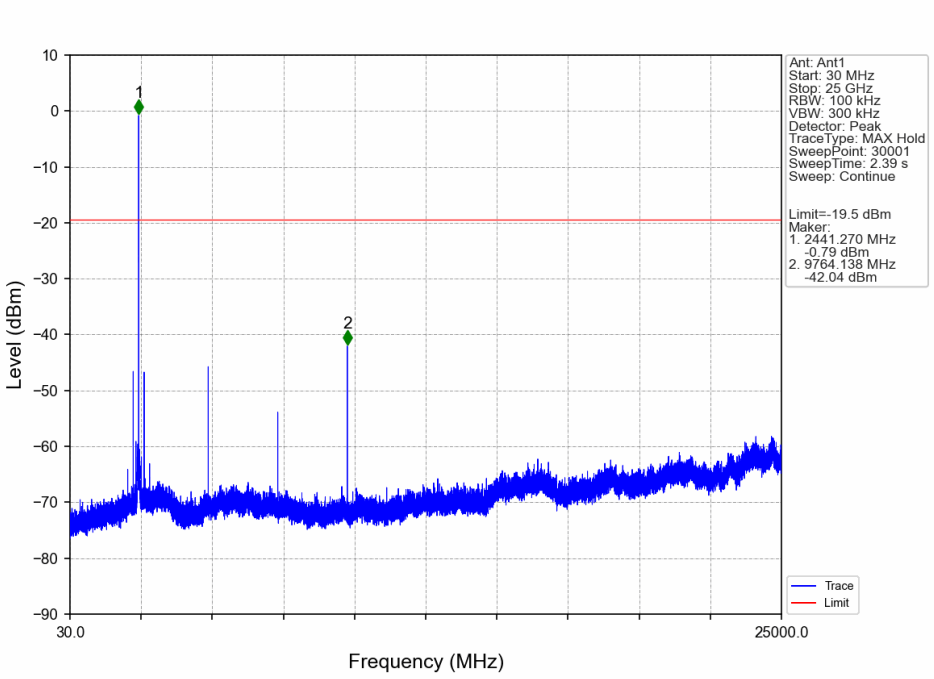
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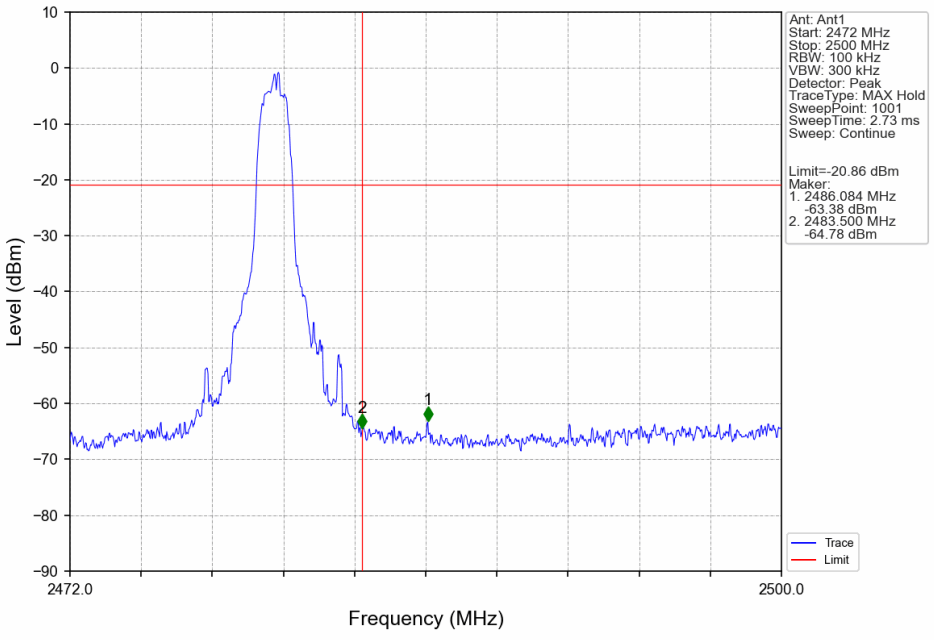
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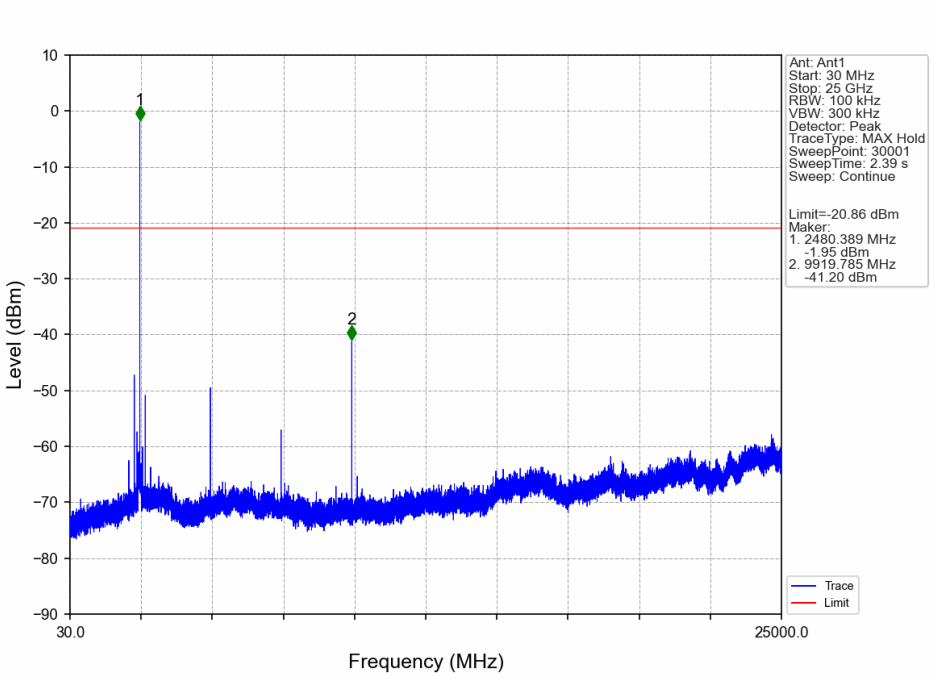
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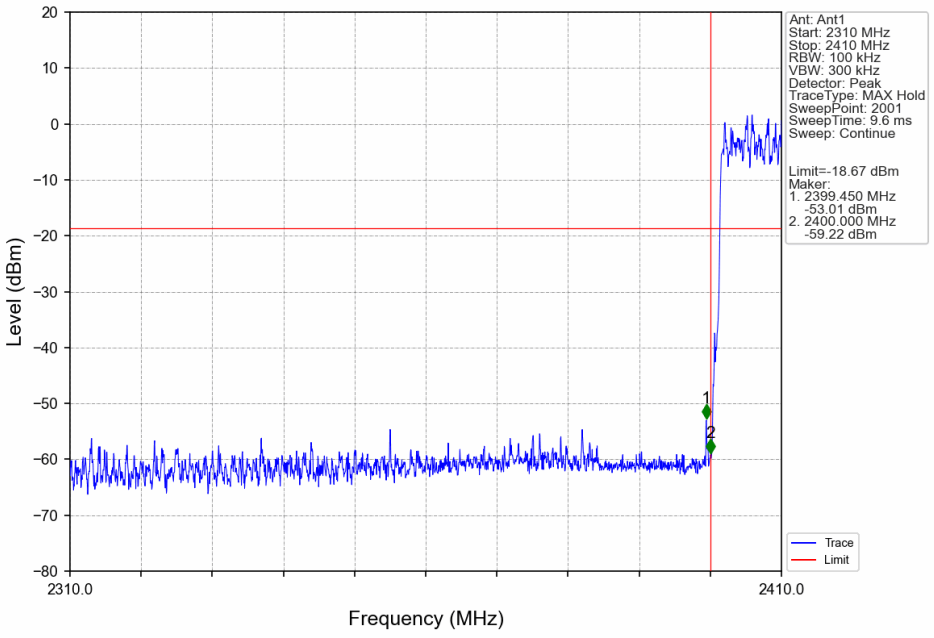
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV

