

## 5. Number of Hopping Frequencies

### 5.1 Test Result

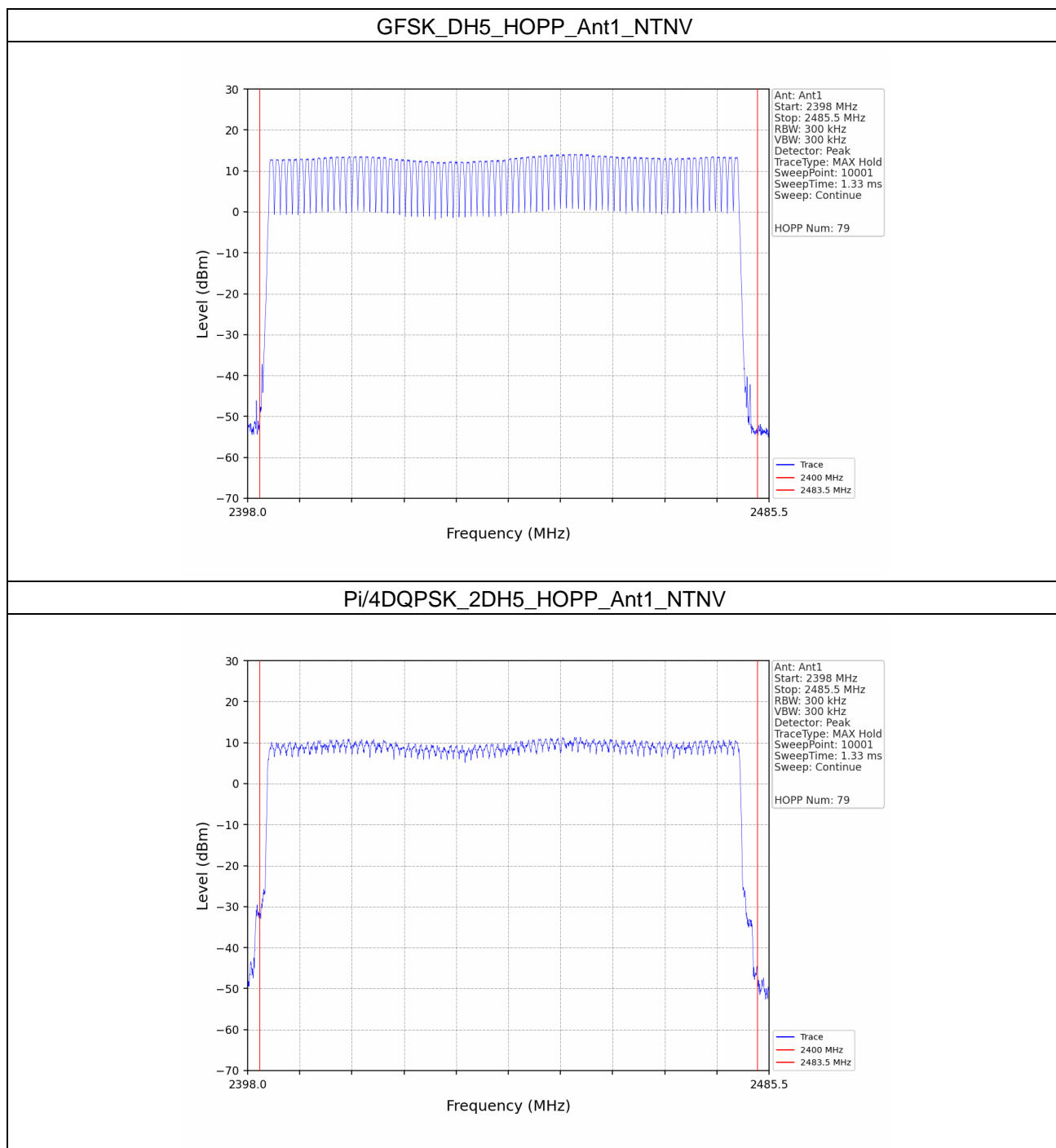
#### 5.1.1 HoppNum

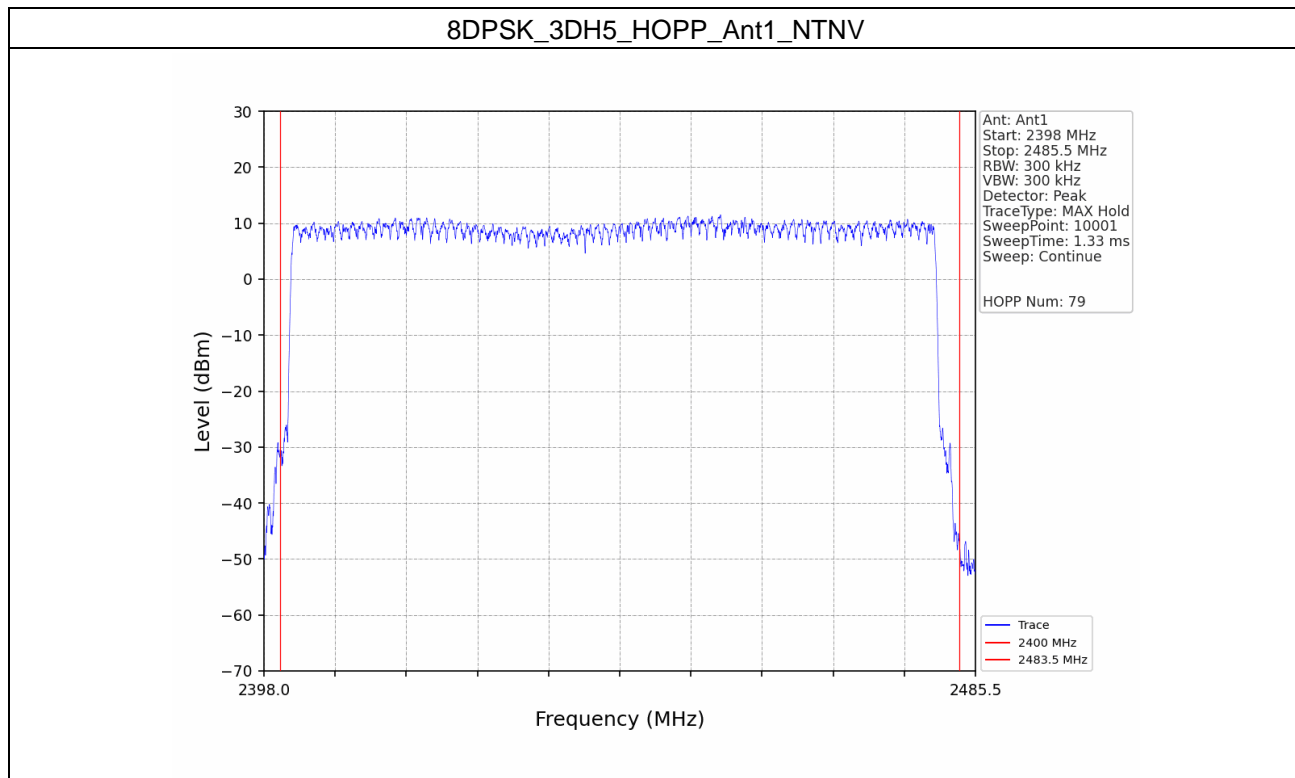
Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	$\geq 15$	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	$\geq 15$	Pass
8DPSK	SISO	HOPP	3DH5	79	$\geq 15$	Pass



### 5.2 Test Graph

#### 5.2.1 HoppNum





### 6. Time of Occupancy (Dwell Time)

#### 6.1 Test Result

##### 6.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.388	31.600	320	124.160	<=400	Pass
			DH3	1.644	31.600	155	254.820	<=400	Pass
			DH5	2.890	31.600	107	309.230	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.392	31.600	319	125.048	<=400	Pass
			2DH3	1.644	31.600	156	256.464	<=400	Pass
			2DH5	2.894	31.600	110	318.340	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.390	31.600	318	124.020	<=400	Pass
			3DH3	1.644	31.600	163	267.972	<=400	Pass
			3DH5	2.894	31.600	92	266.248	<=400	Pass

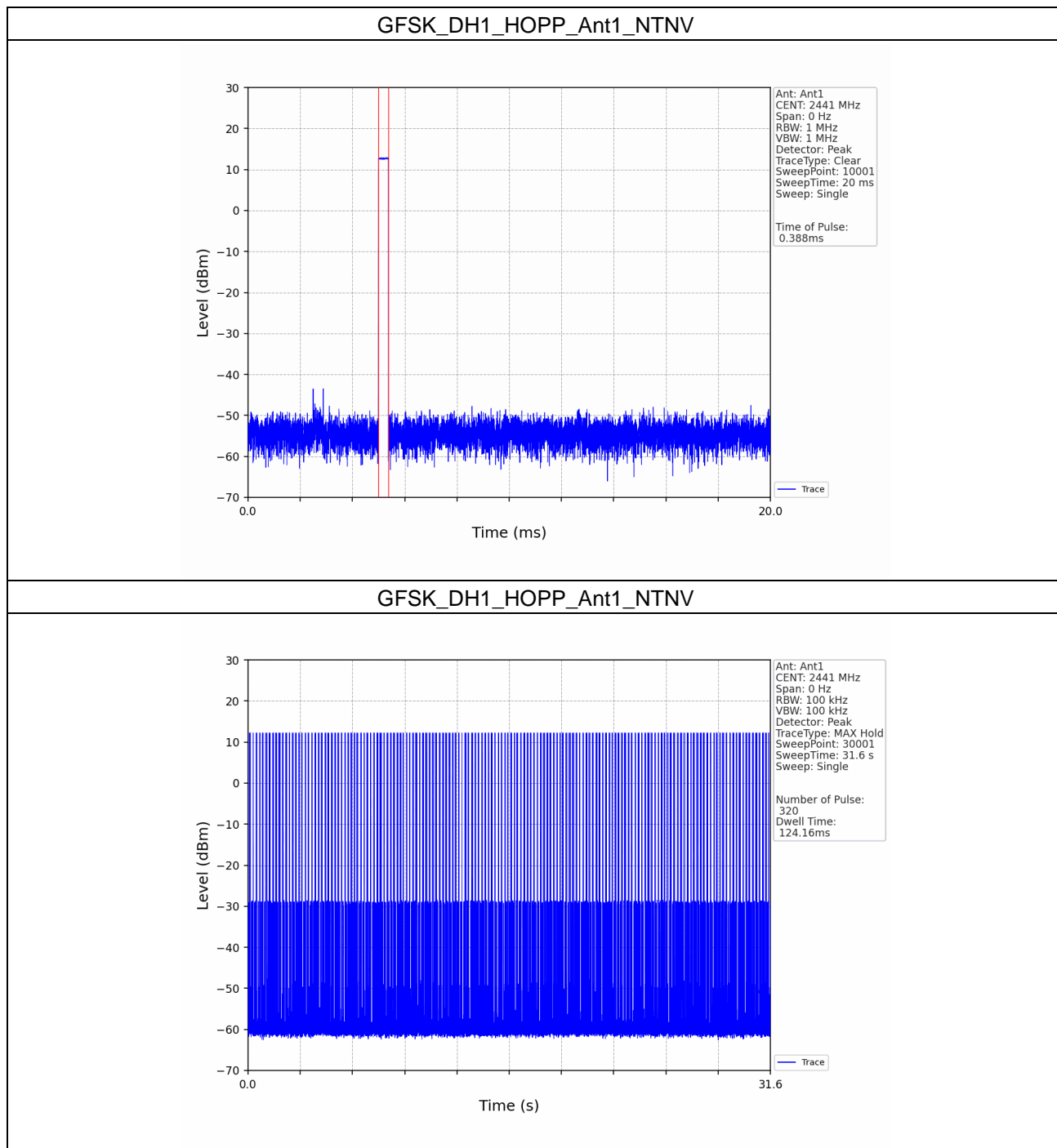


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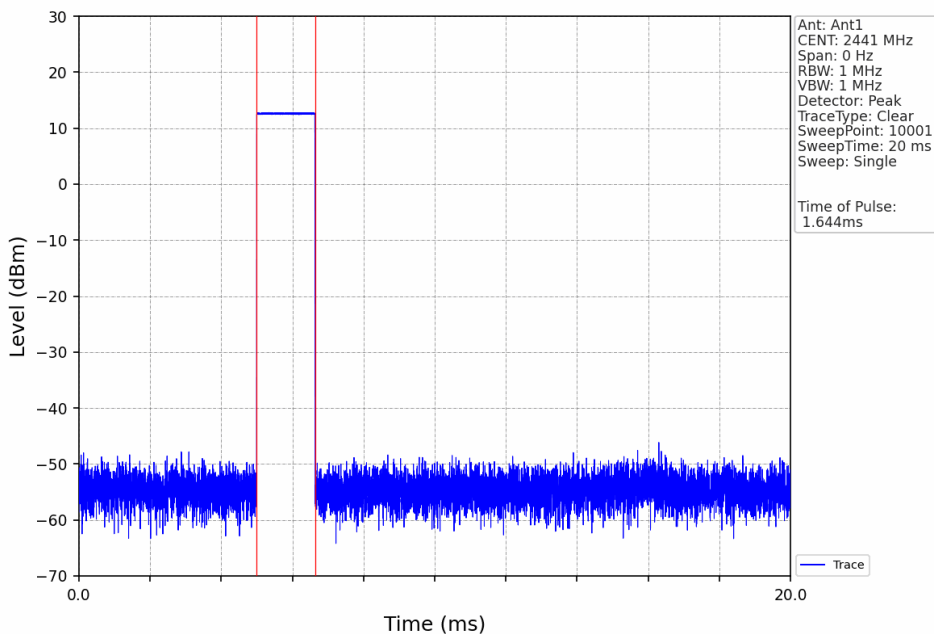
### 6.2 Test Graph

#### 6.2.1 Ant1

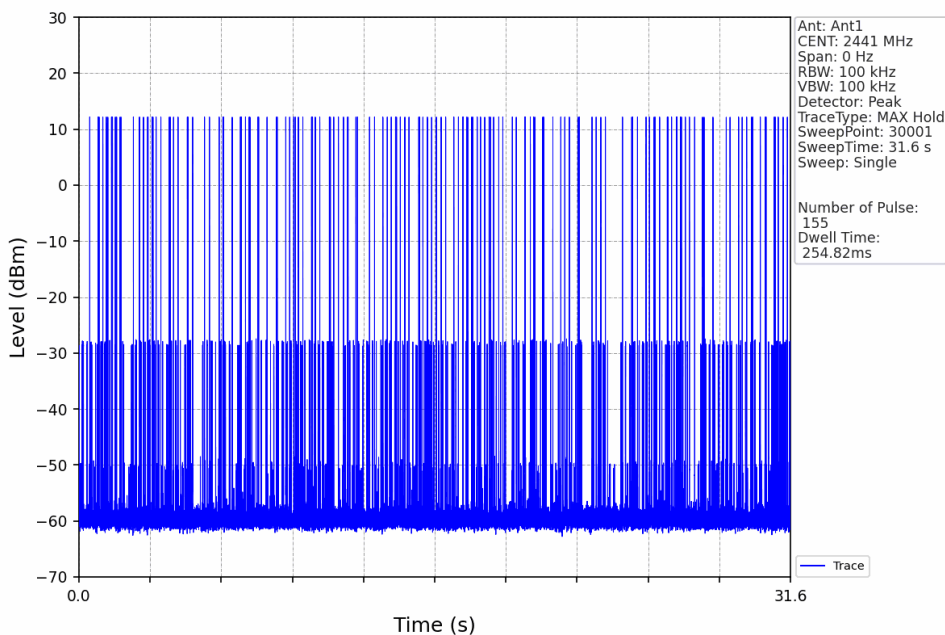




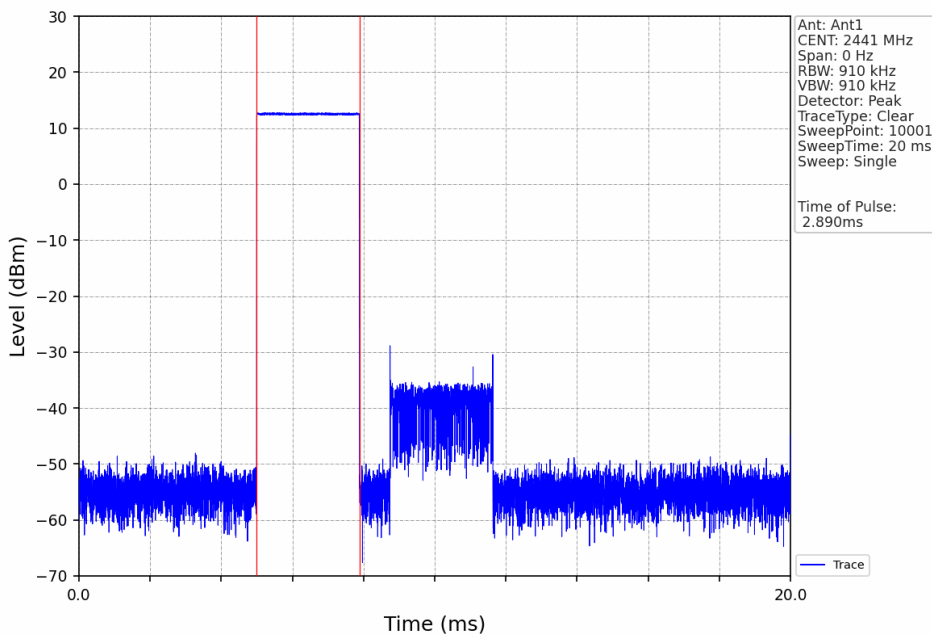
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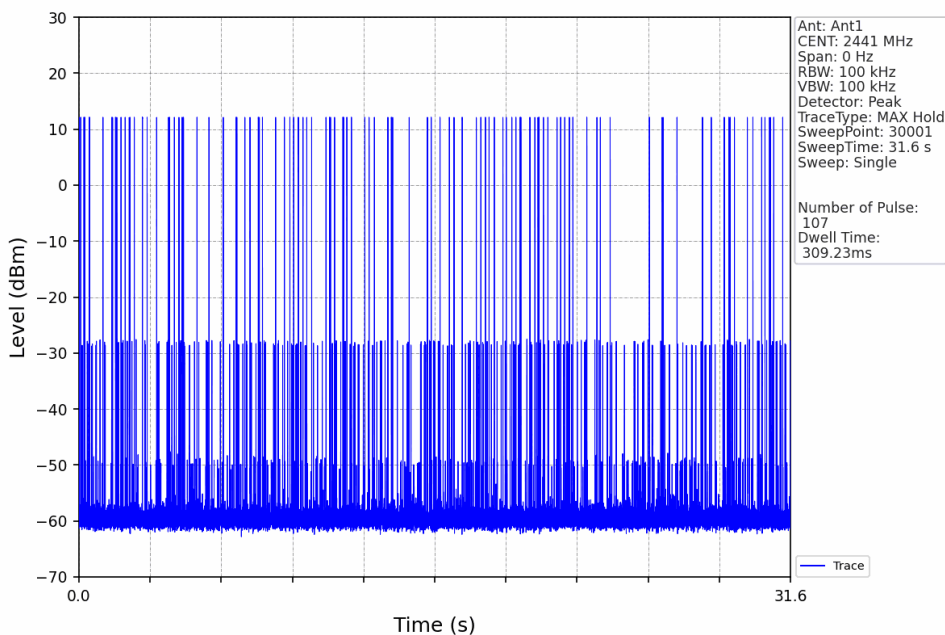
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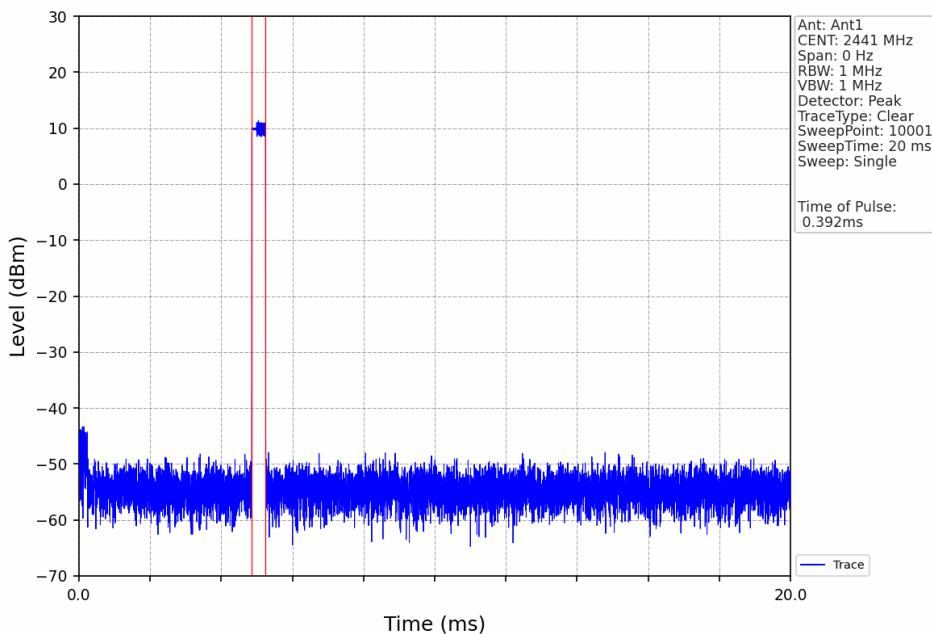
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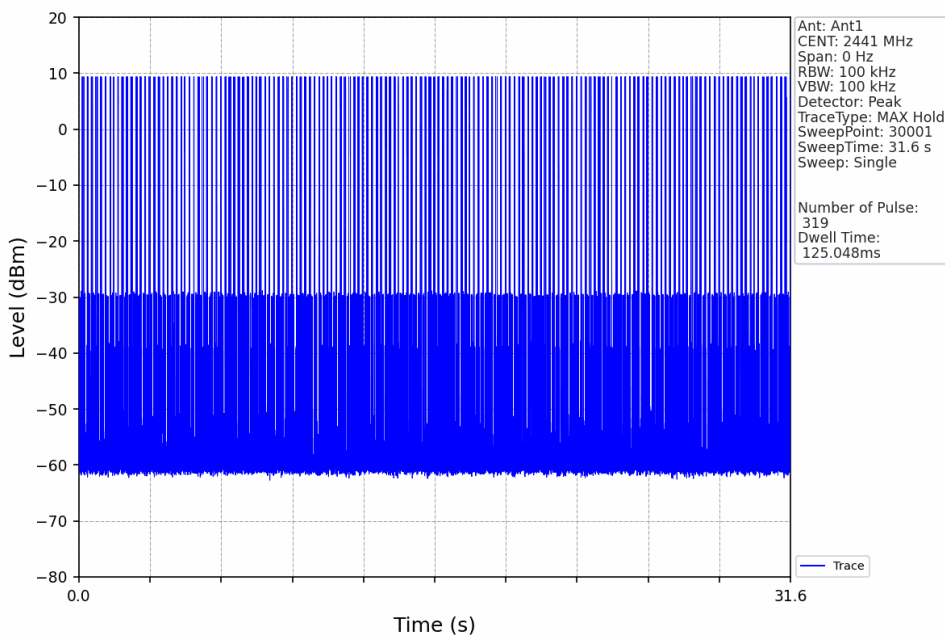
### GFSK\_DH5\_HOPP\_Ant1\_NTNV



Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV

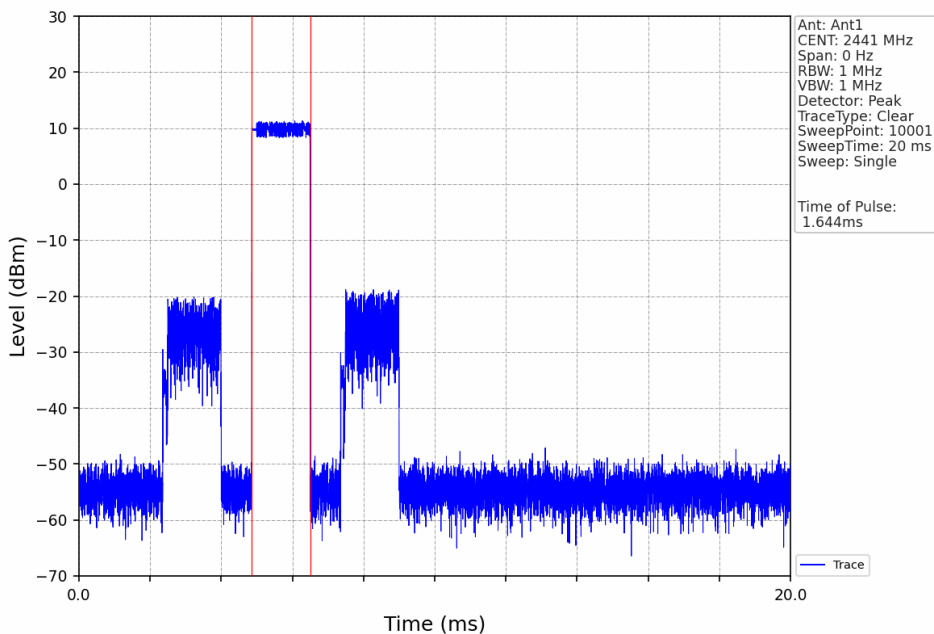


Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV

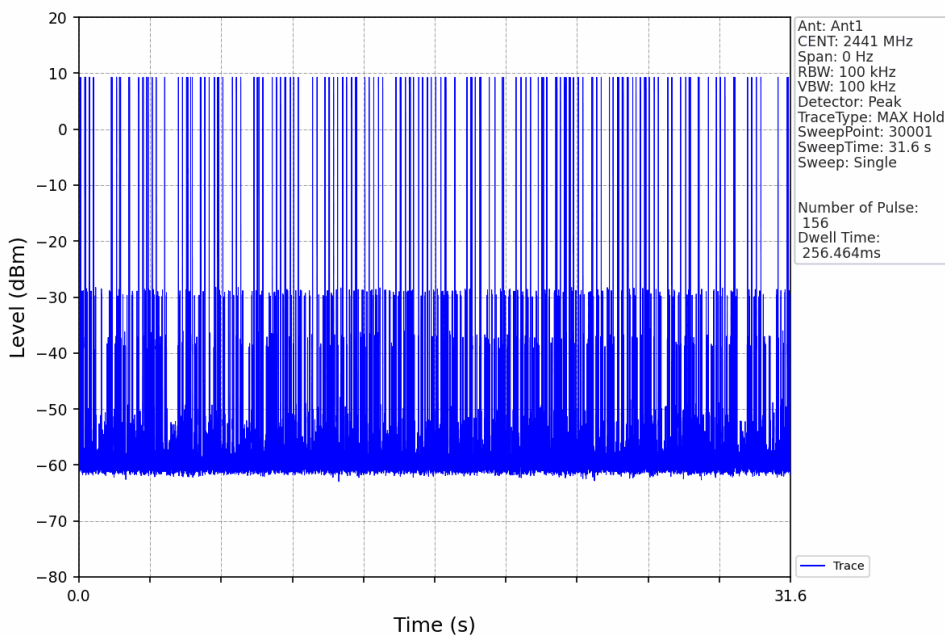




Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



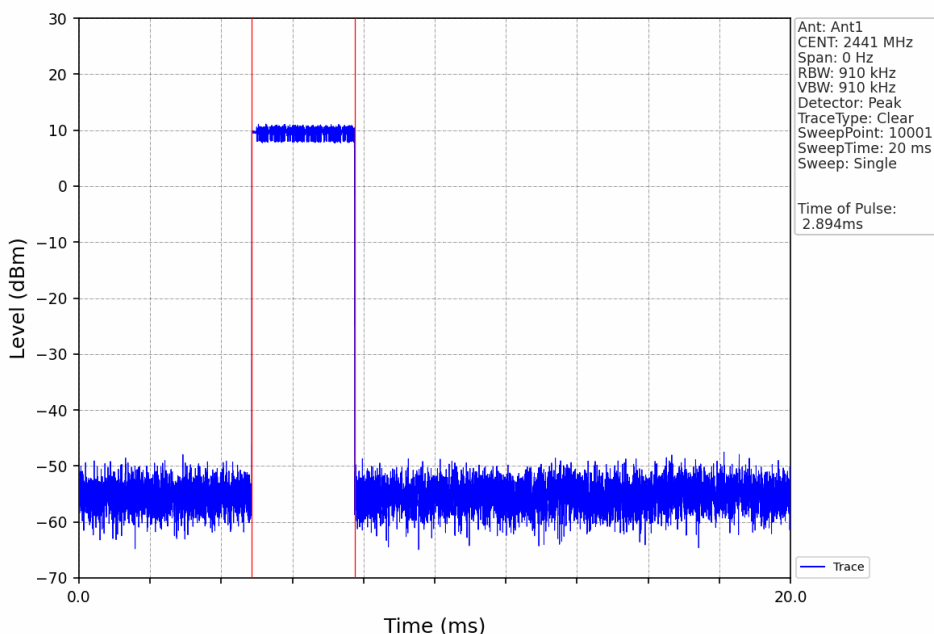
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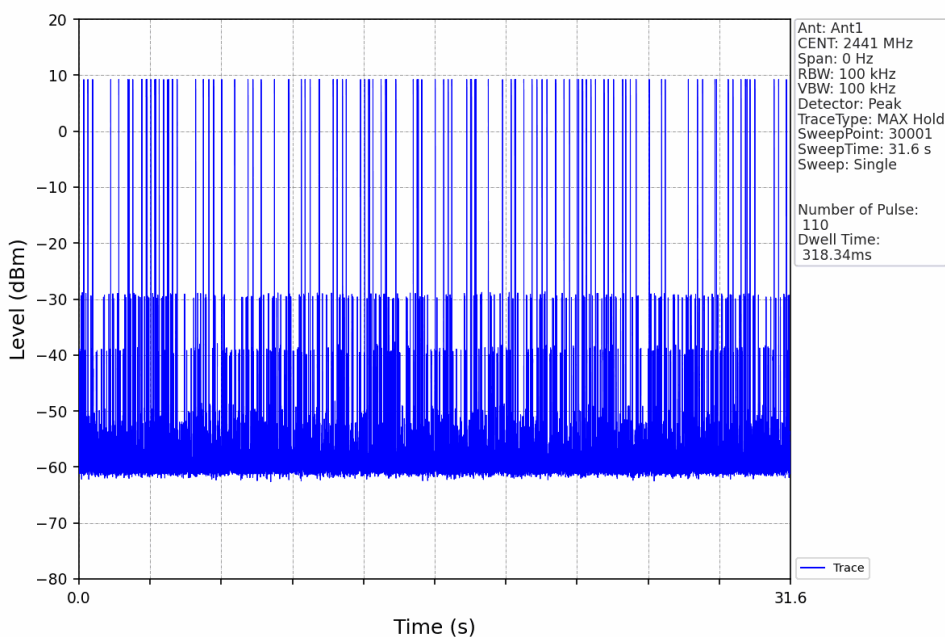
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Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



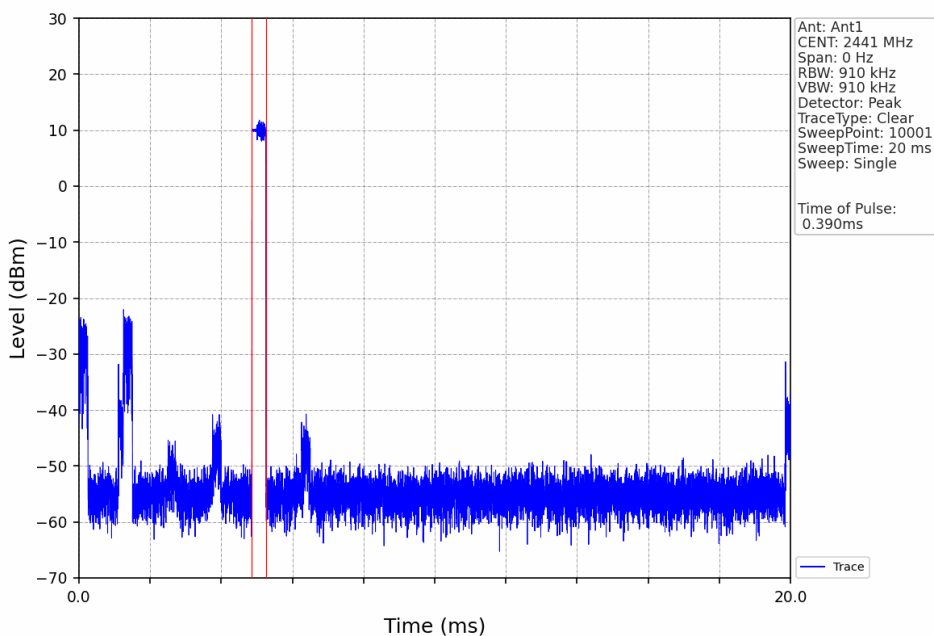
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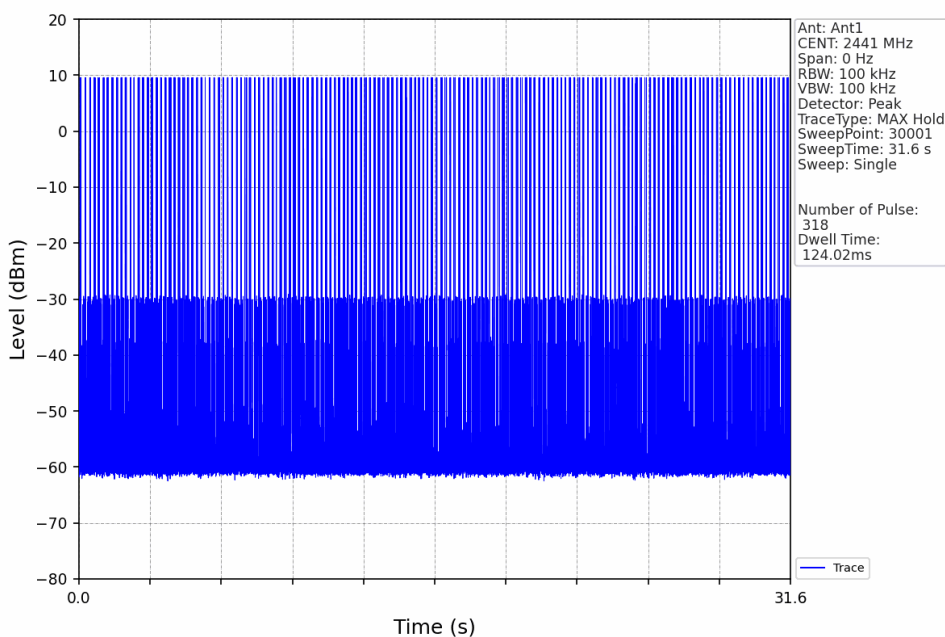
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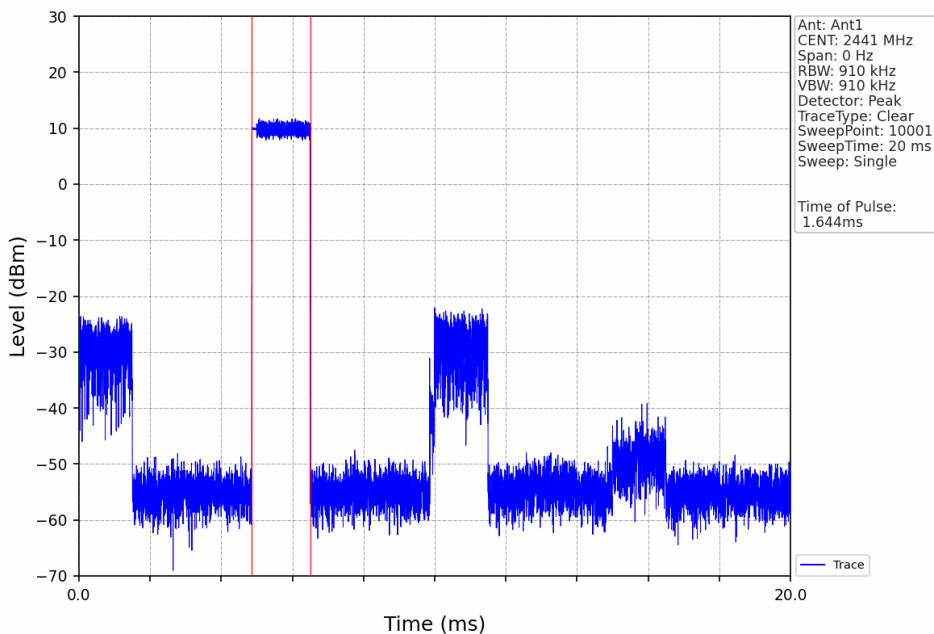
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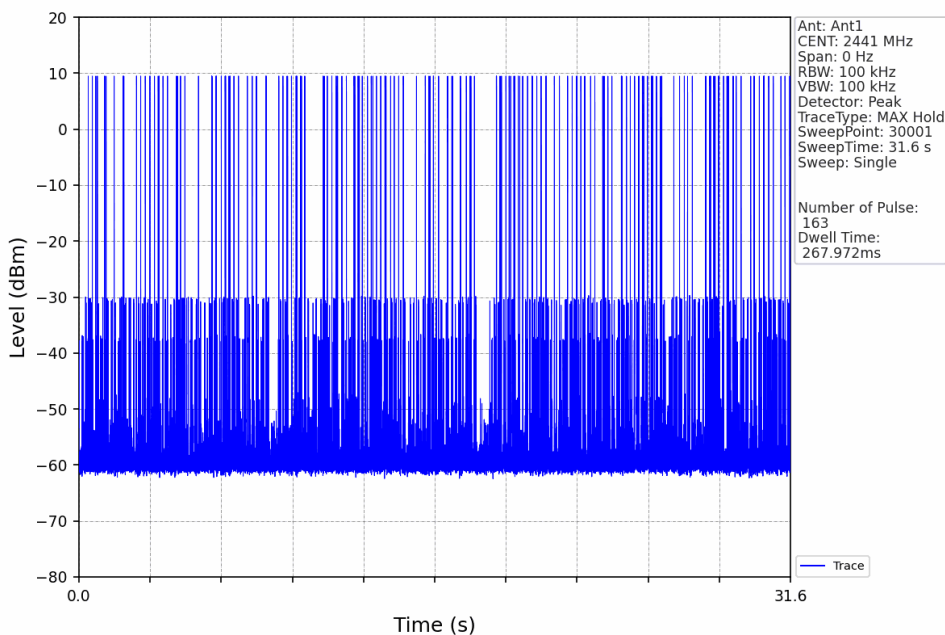
### 8DPSK\_3DH1\_HOPP\_Ant1\_NTNV



8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



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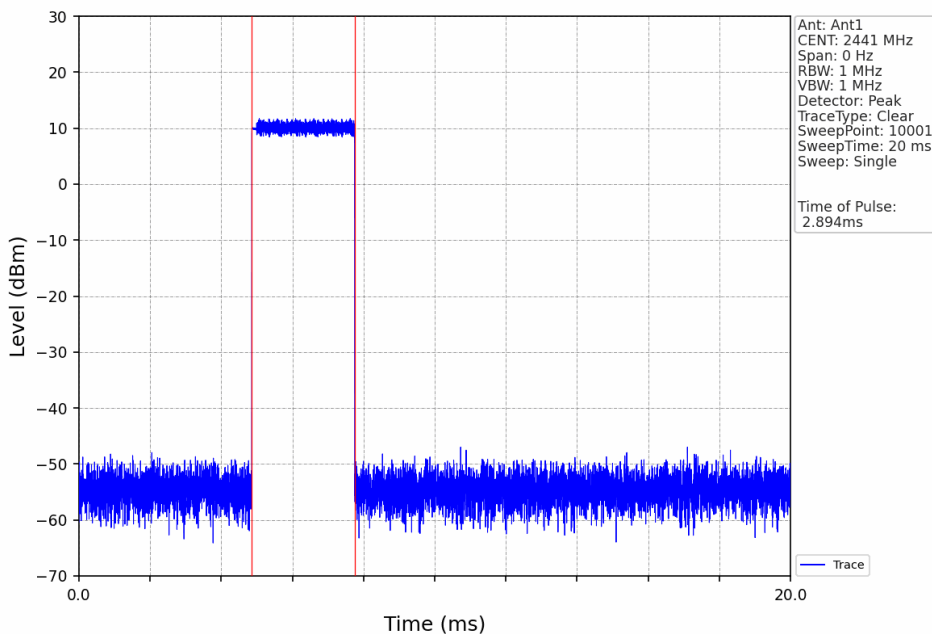
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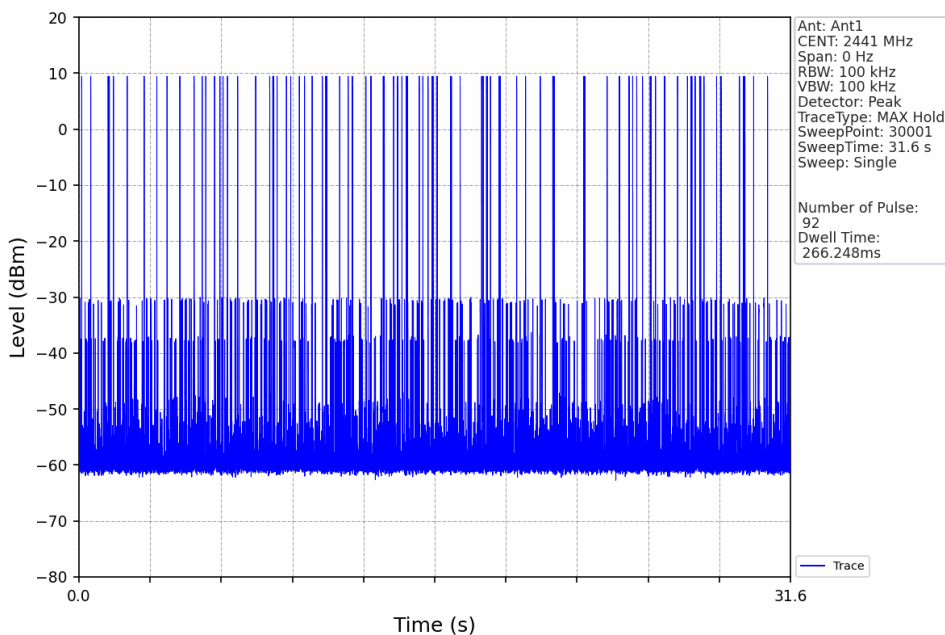
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### 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



### 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	12.70
				2	14.51
		2441	DH5	1	12.59
				2	15.17
		2480	DH5	1	13.21
				2	13.99
Pi/4DQPSK	SISO	2402	2DH5	1	5.82
				2	7.47
		2441	2DH5	1	5.43
				2	8.08
		2480	2DH5	1	6.27
				2	7.27
8DPSK	SISO	2402	3DH5	1	5.84
				2	7.57
		2441	3DH5	1	5.61
				2	8.24
		2480	3DH5	1	6.23
				2	7.21

#### 7.1.2 CSE

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	13.21	-6.79	Pass
				2	15.17	-4.83	Pass
		2441	DH5	1	13.21	-6.79	Pass

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		2480	DH5	2	15.17	-4.83	Pass
				1	13.21	-6.79	Pass
				2	15.17	-4.83	Pass
		HOPP	DH5	1	13.21	-6.79	Pass
					13.21	-6.79	Pass
				2	15.17	-4.83	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	6.27	-13.73	Pass
				2	8.08	-11.92	Pass
		2441	2DH5	1	6.27	-13.73	Pass
				2	8.08	-11.92	Pass
		2480	2DH5	1	6.27	-13.73	Pass
				2	8.08	-11.92	Pass
		HOPP	2DH5	1	6.27	-13.73	Pass
					6.27	-13.73	Pass
				2	8.08	-11.92	Pass
					8.08	-11.92	Pass
8DPSK	SISO	2402	3DH5	1	6.23	-13.77	Pass
				2	8.24	-11.76	Pass
		2441	3DH5	1	6.23	-13.77	Pass
				2	8.24	-11.76	Pass
		2480	3DH5	1	6.23	-13.77	Pass
				2	8.24	-11.76	Pass
		HOPP	3DH5	1	6.23	-13.77	Pass
					6.23	-13.77	Pass
				2	8.24	-11.76	Pass
					8.24	-11.76	Pass



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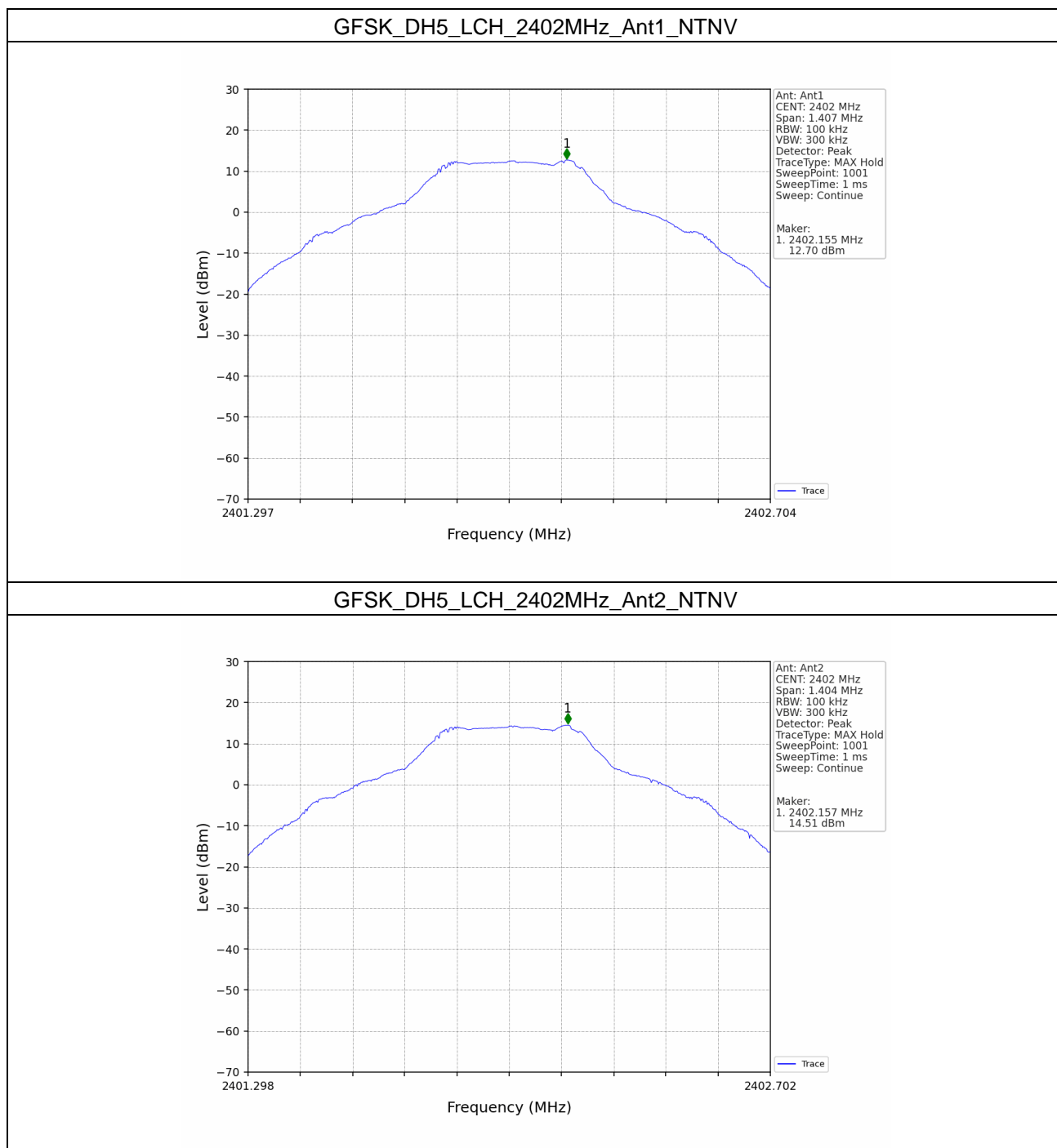
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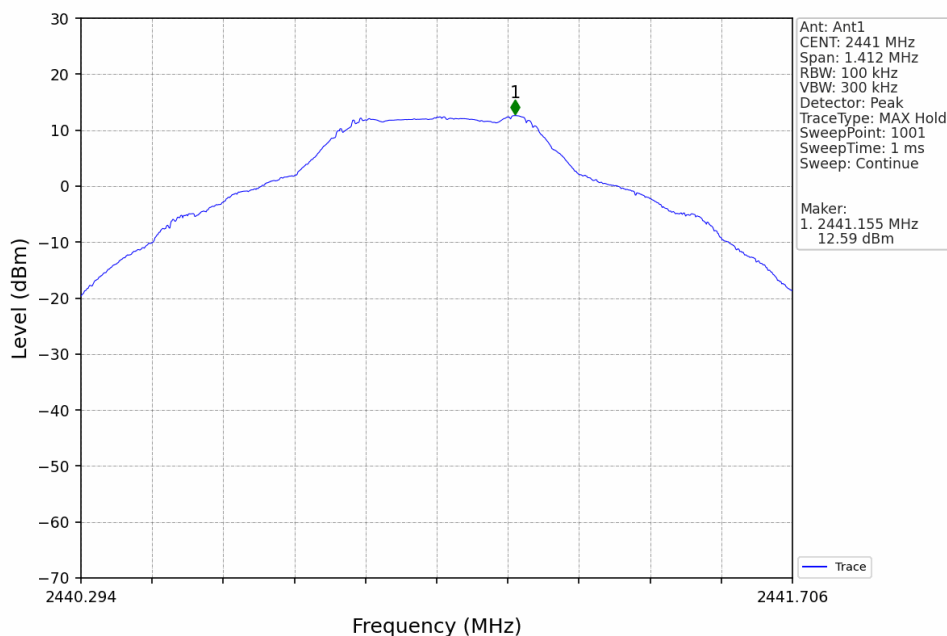
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### 7.2 Test Graph

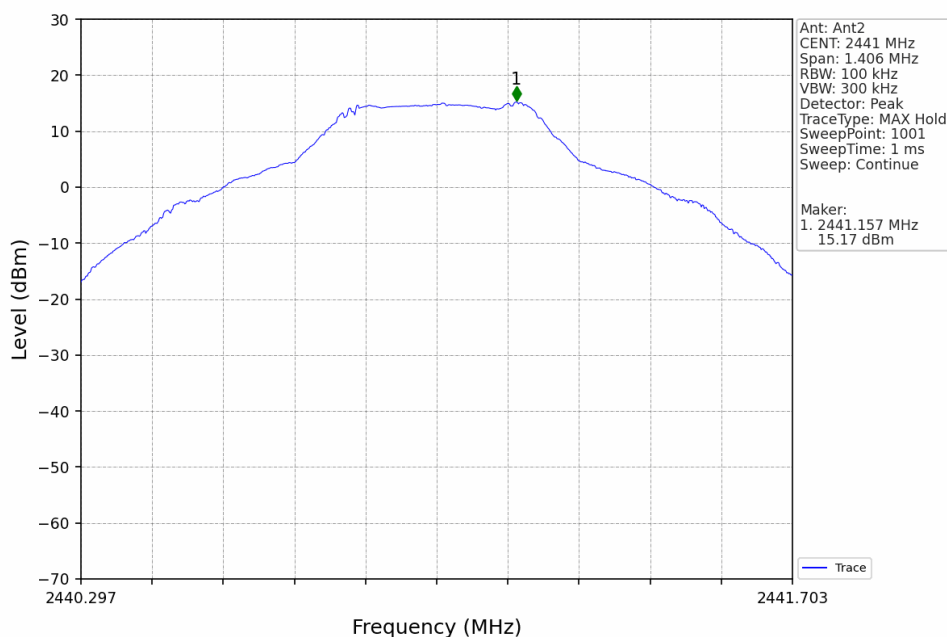
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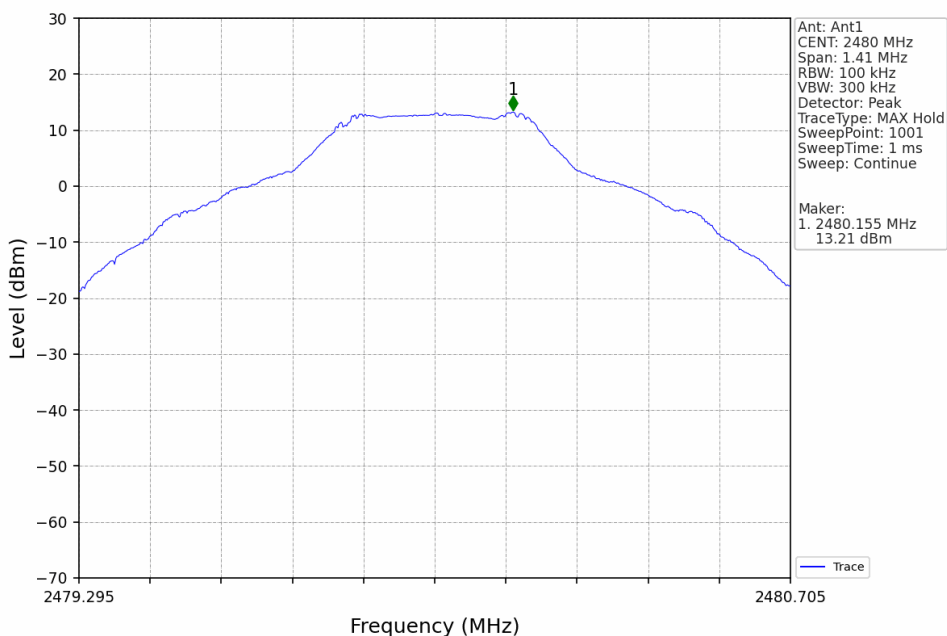
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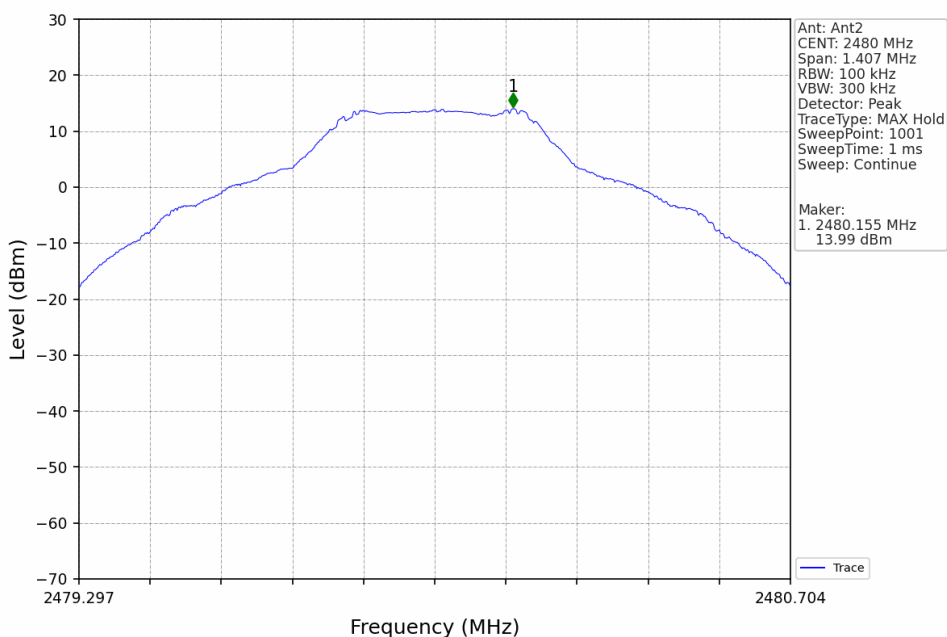
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GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV

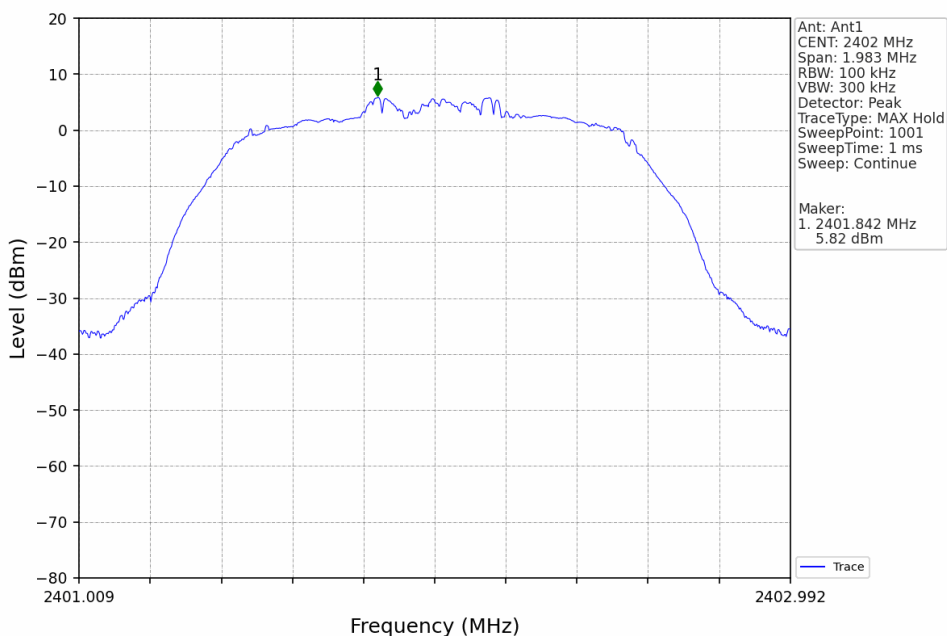


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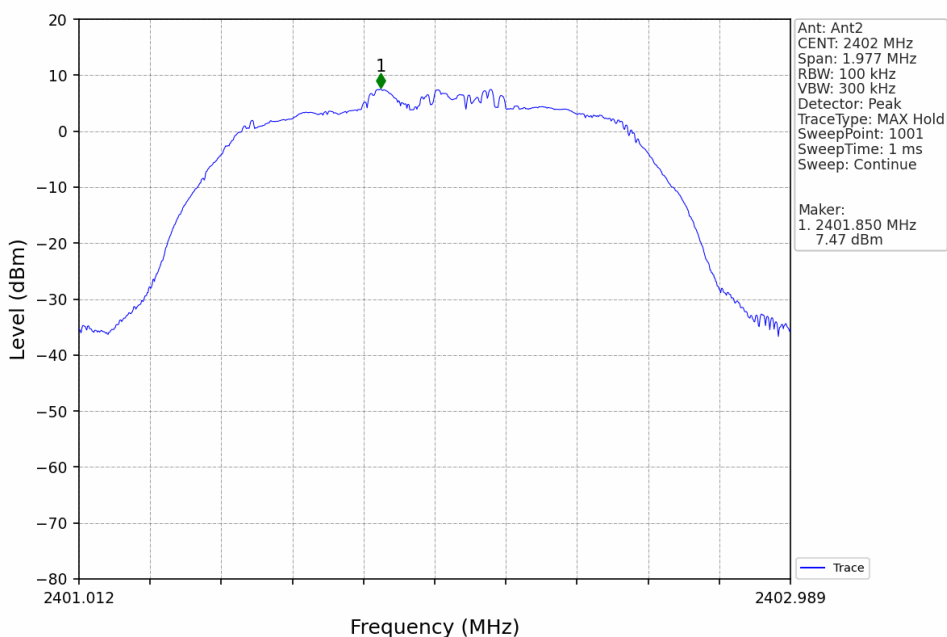




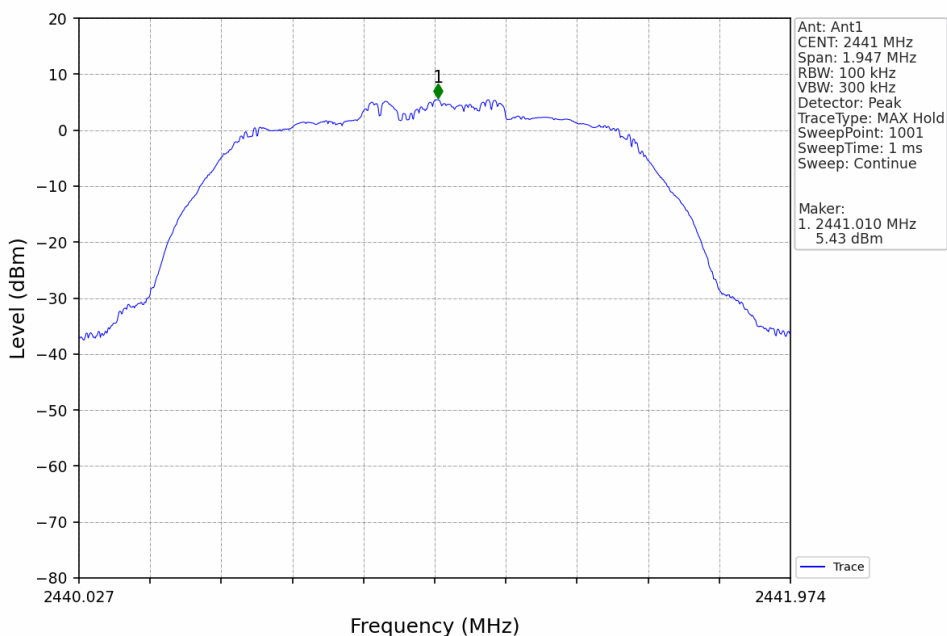
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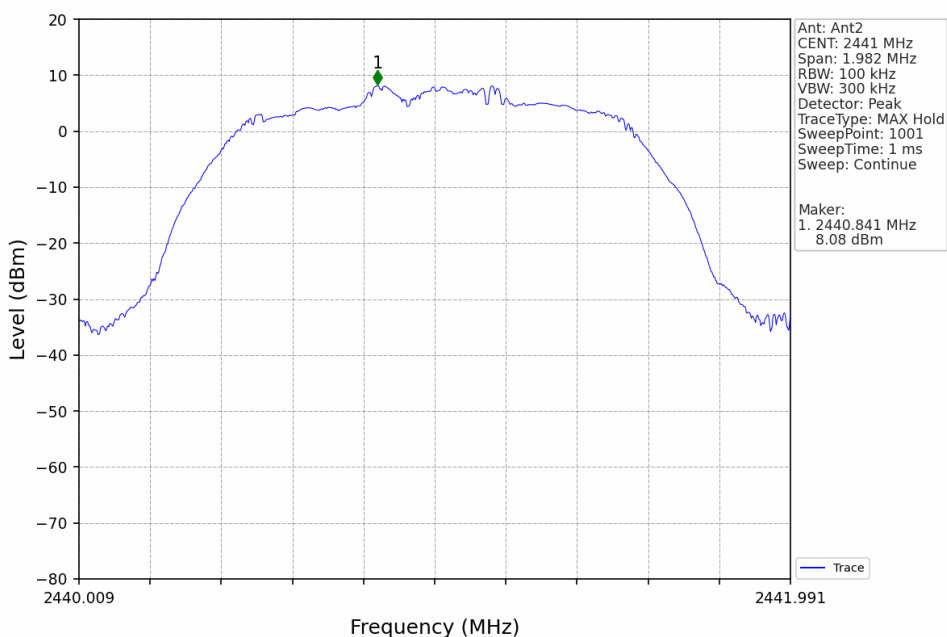
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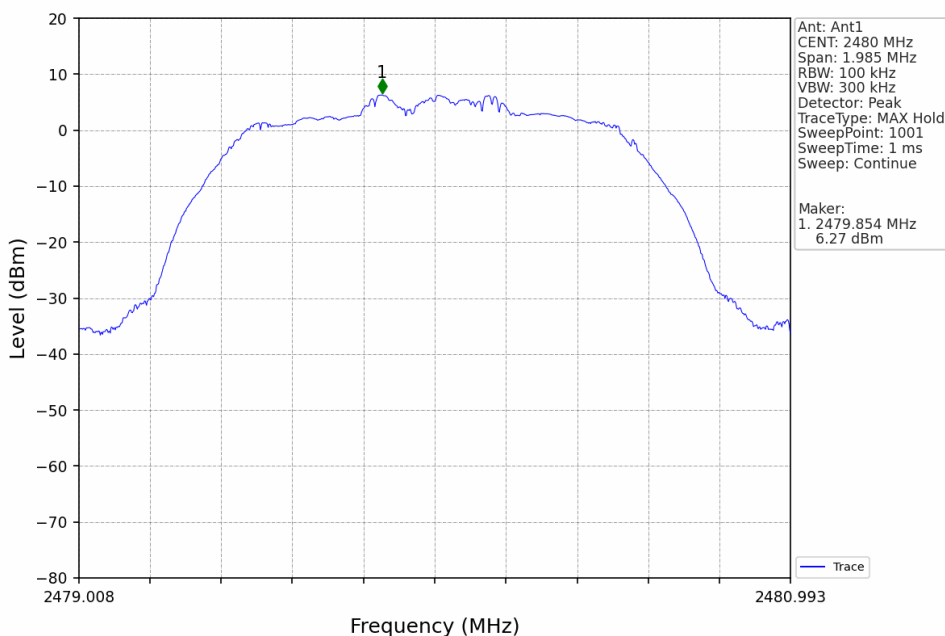
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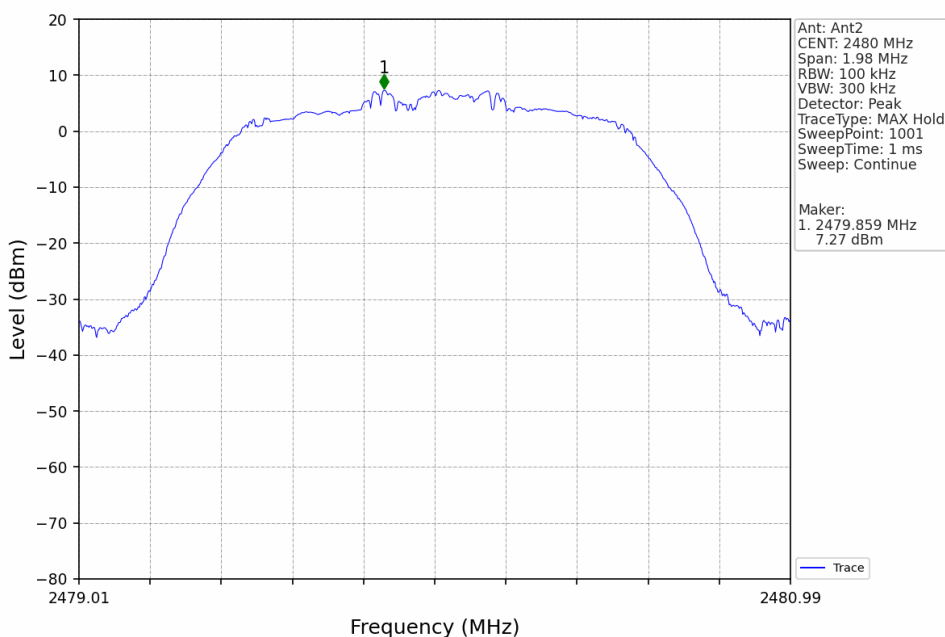
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Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant2\_NTNV



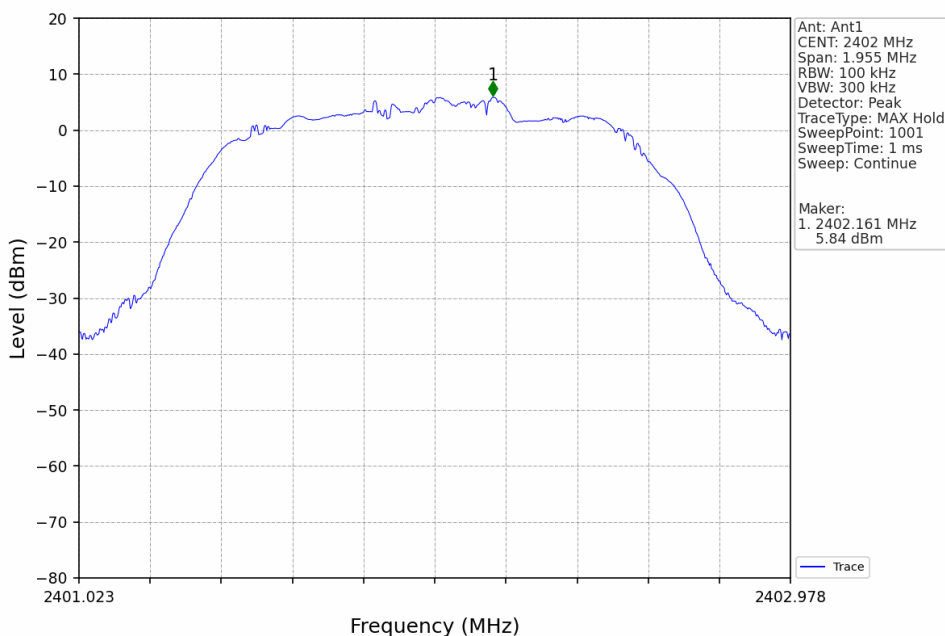
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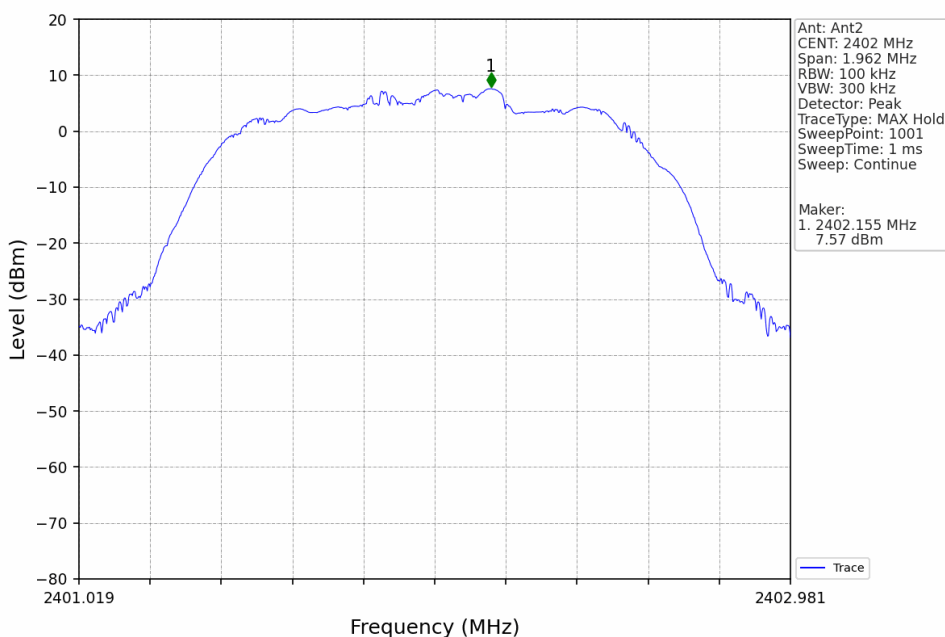
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8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV

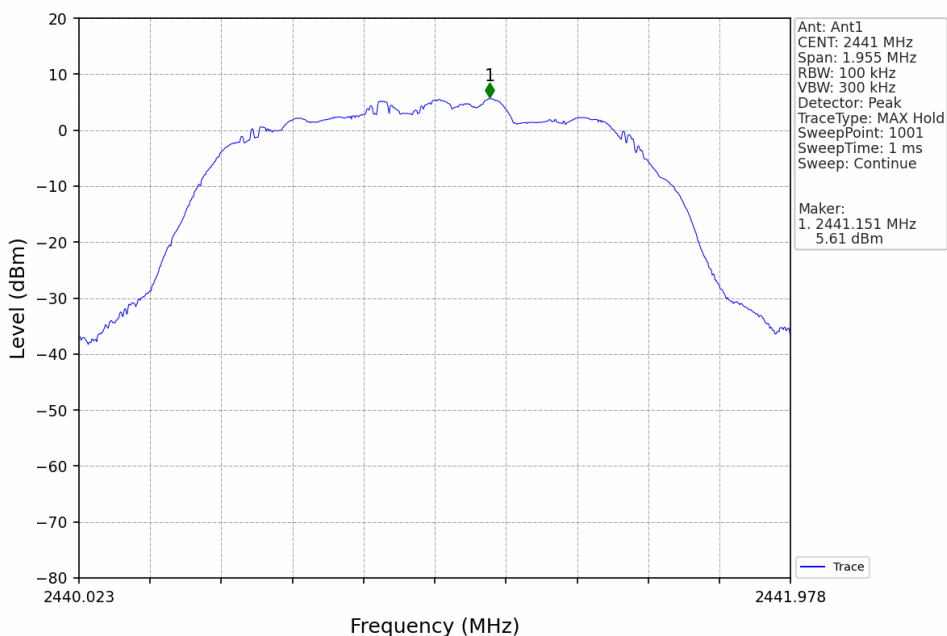


8DPSK\_3DH5\_LCH\_2402MHz\_Ant2\_NTNV

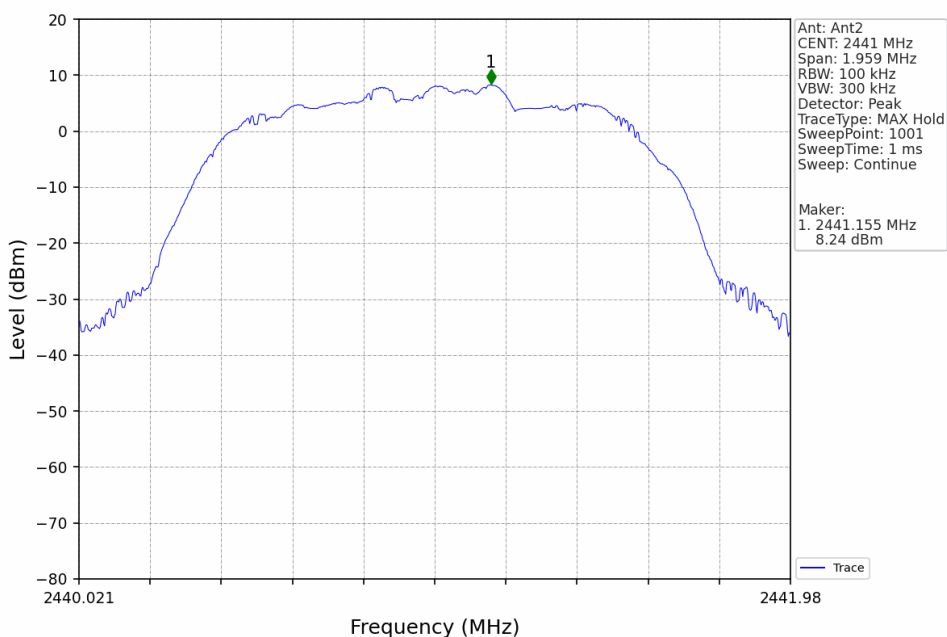




### 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



### 8DPSK\_3DH5\_MCH\_2441MHz\_Ant2\_NTNV



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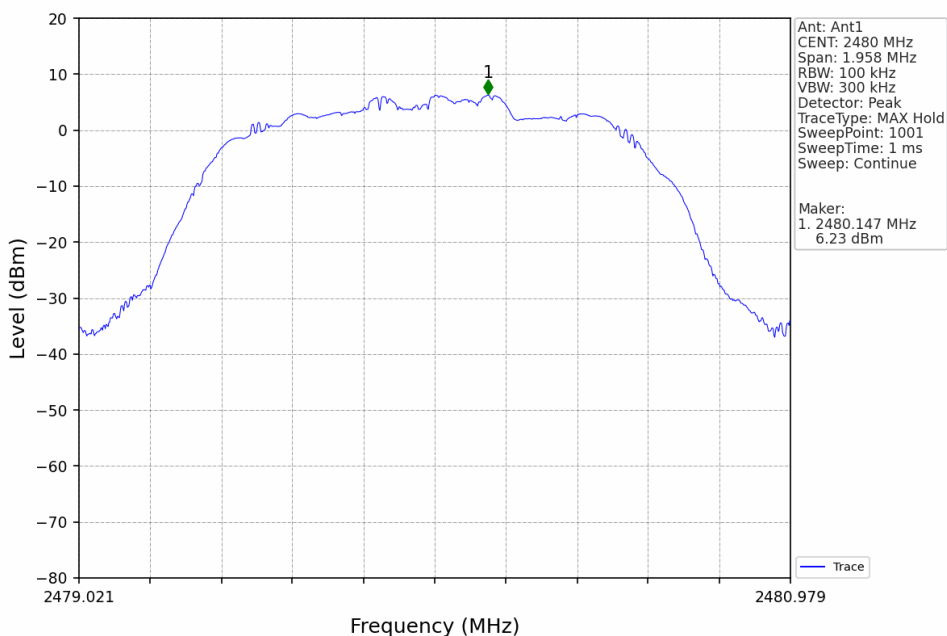
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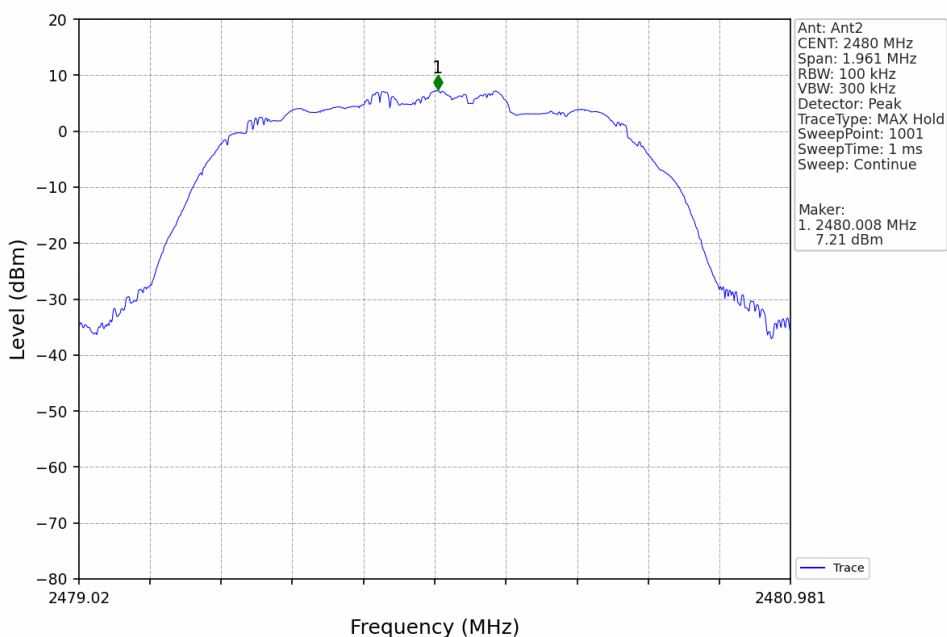
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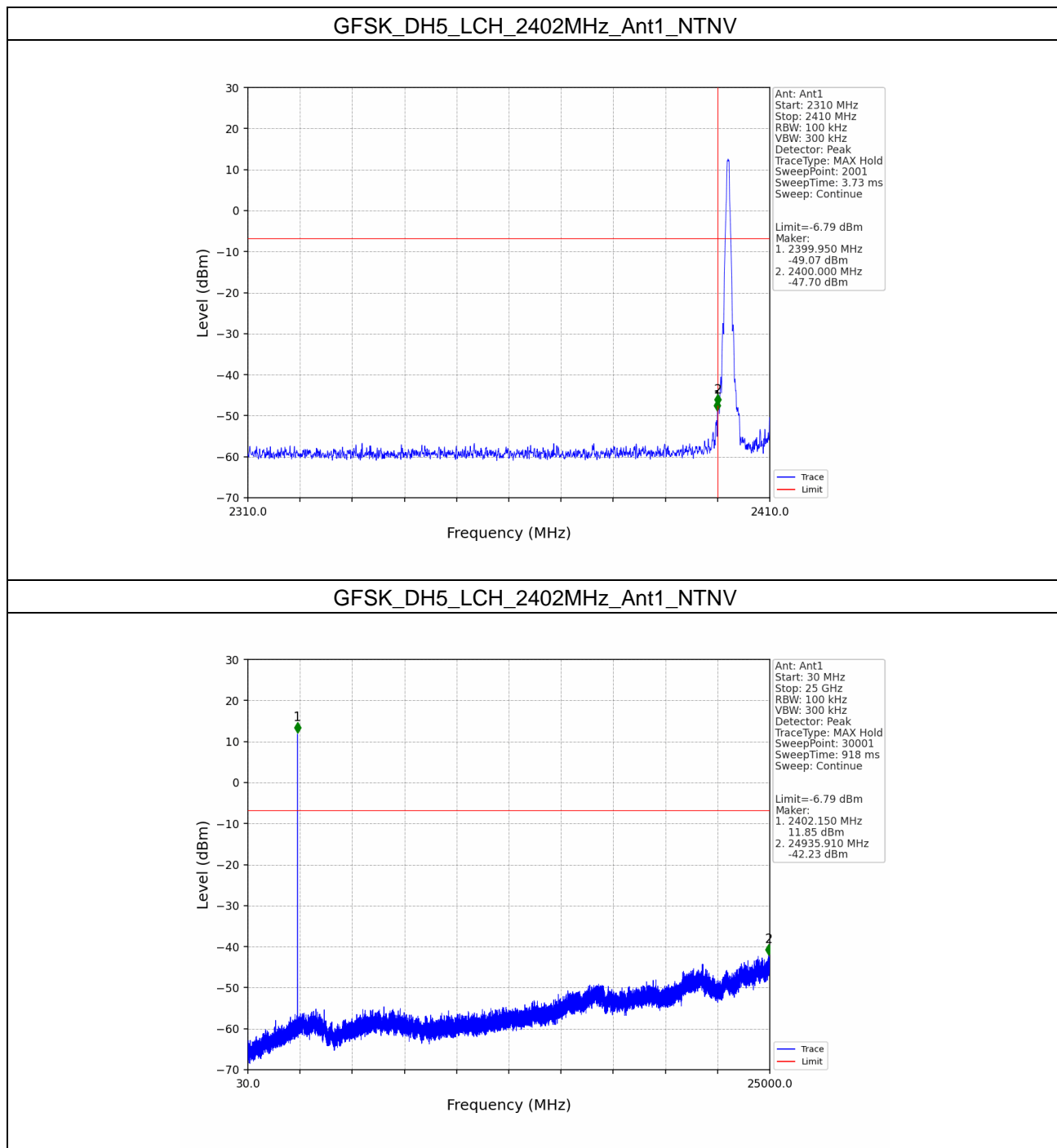
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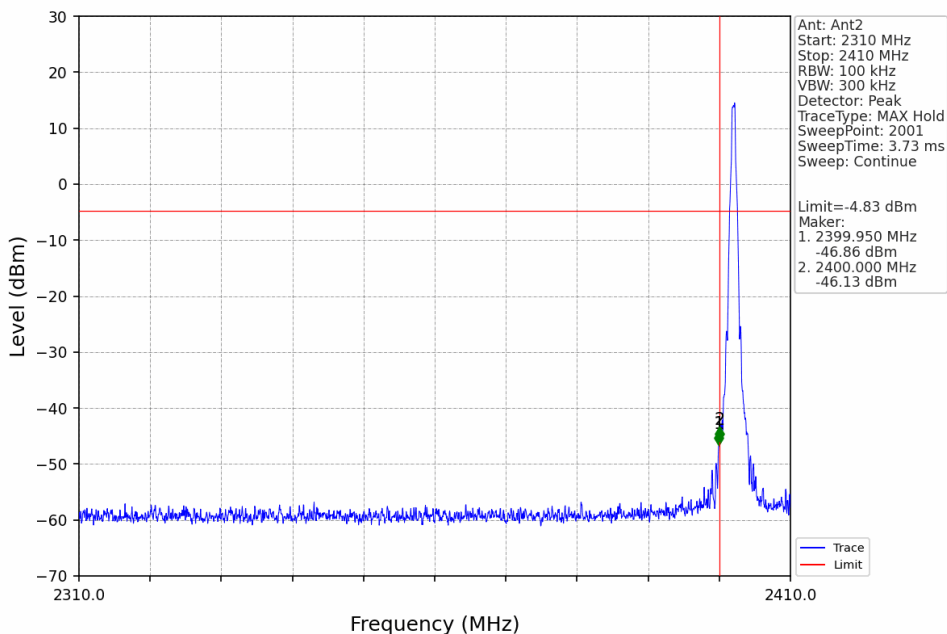
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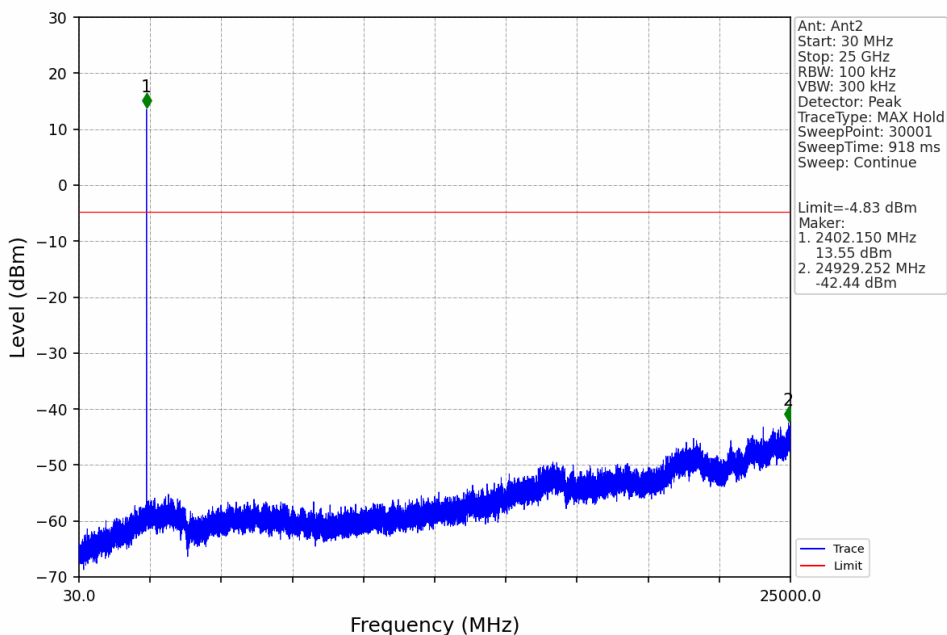
### 7.2.2 CSE



### GFSK\_DH5\_LCH\_2402MHz\_Ant2\_NTNV



### GFSK\_DH5\_LCH\_2402MHz\_Ant2\_NTNV



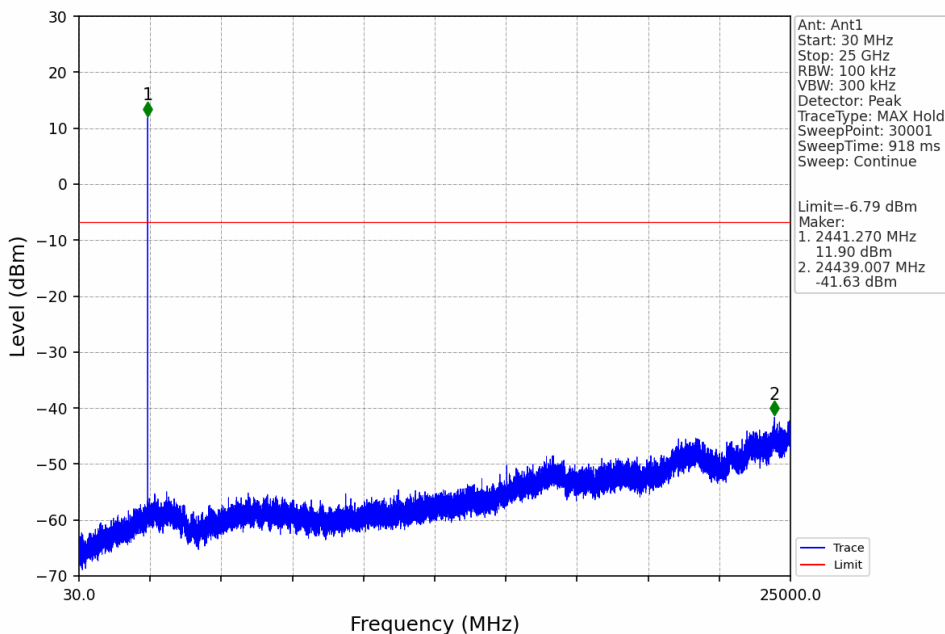
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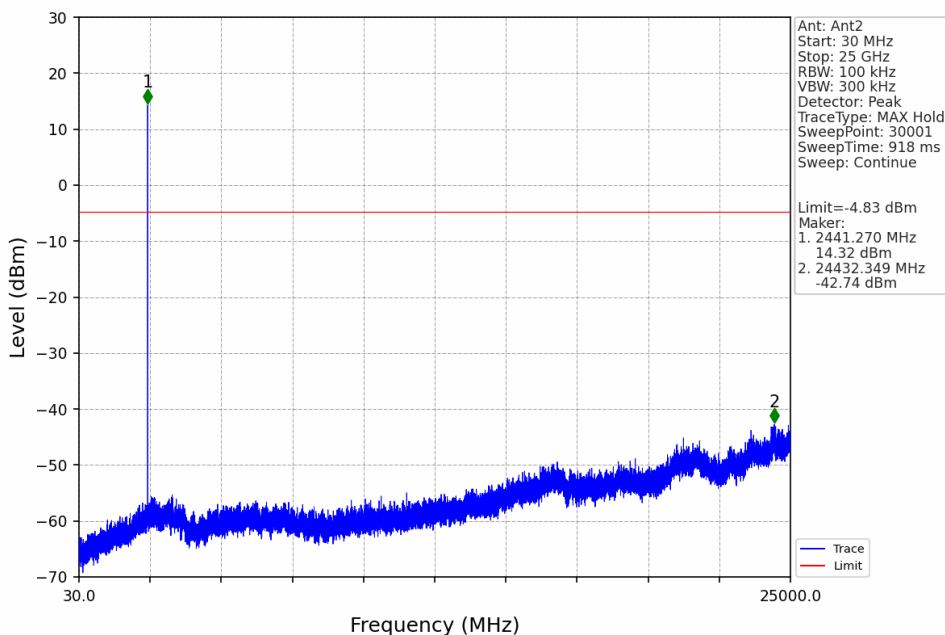
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### GFSK\_DH5\_MCH\_2441MHz\_Ant1\_NTNV



### GFSK\_DH5\_MCH\_2441MHz\_Ant2\_NTNV



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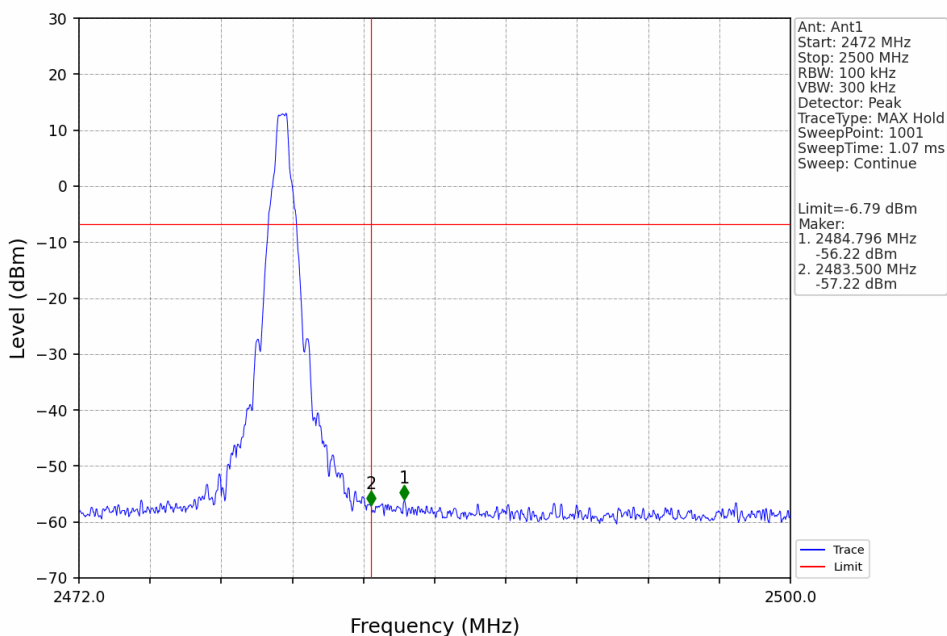
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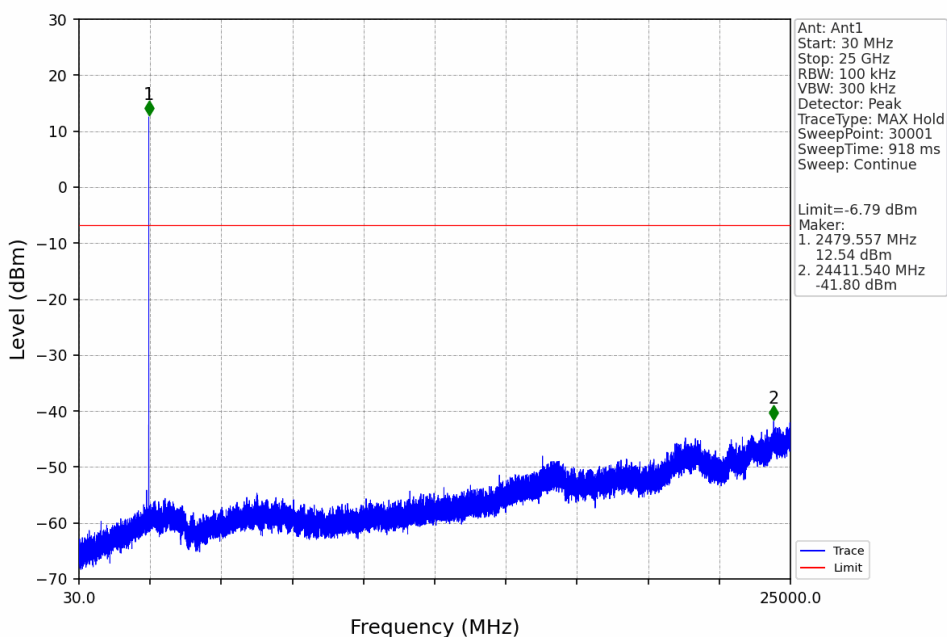
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### GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV



### GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV



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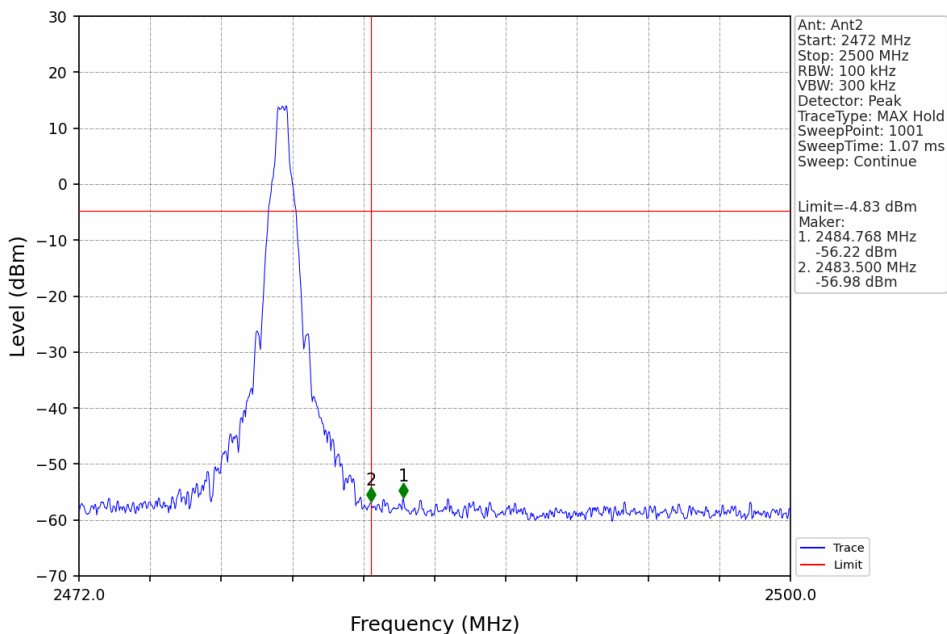
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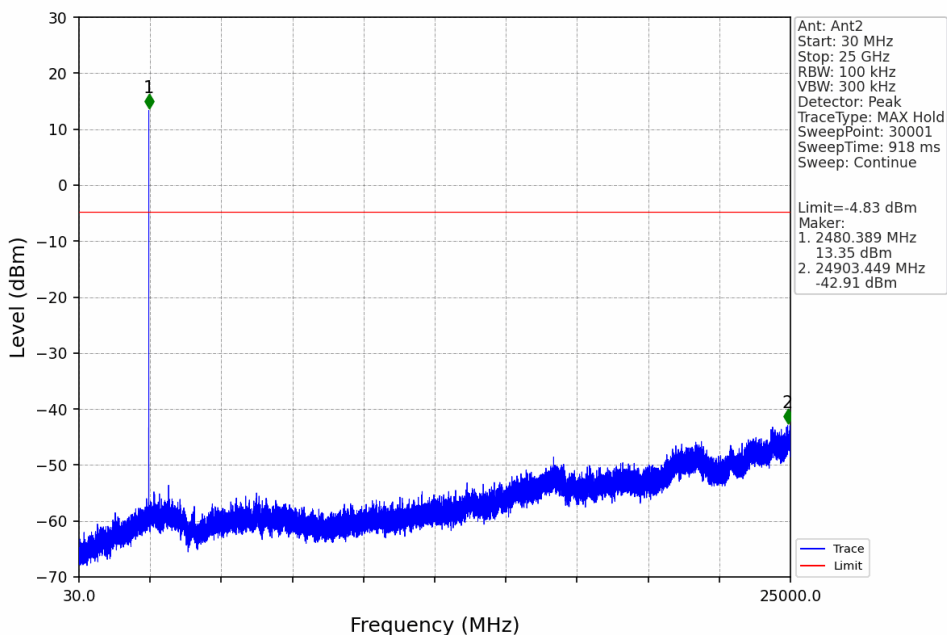
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### GFSK\_DH5\_HCH\_2480MHz\_Ant2\_NTNV



### GFSK\_DH5\_HCH\_2480MHz\_Ant2\_NTNV



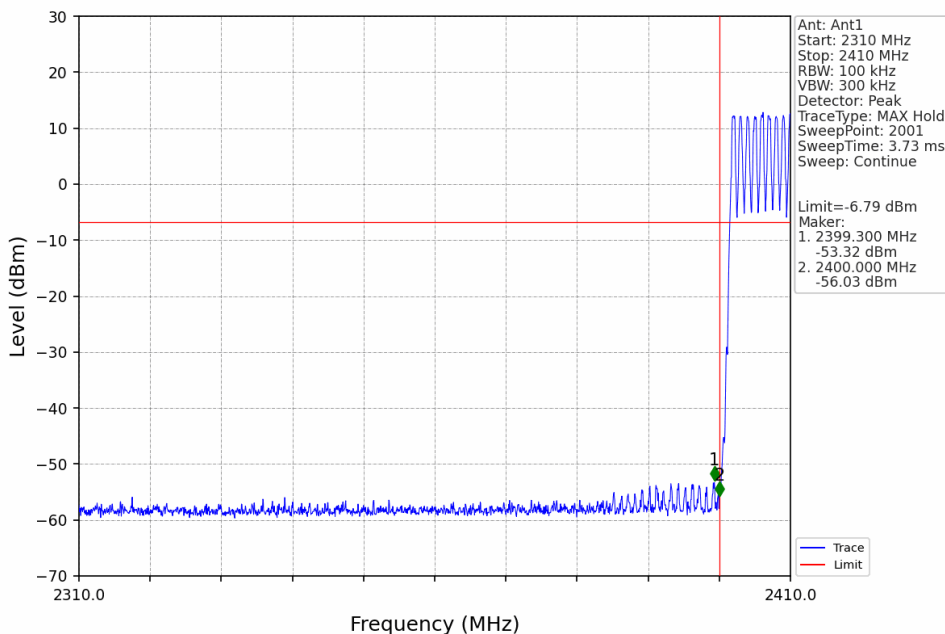
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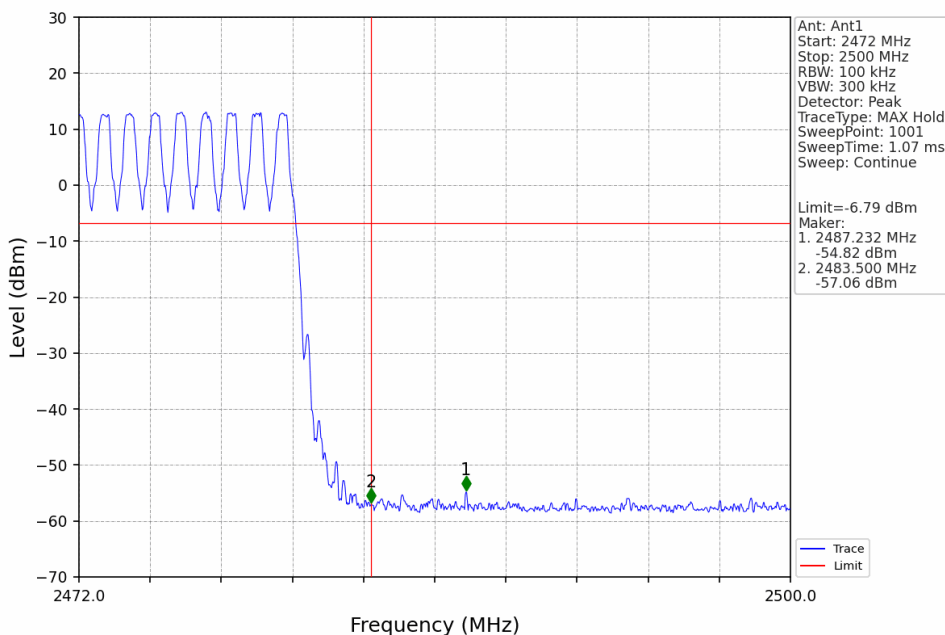
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### GFSK\_DH5\_HOPP\_Ant1\_NTNV



### GFSK\_DH5\_HOPP\_Ant1\_NTNV



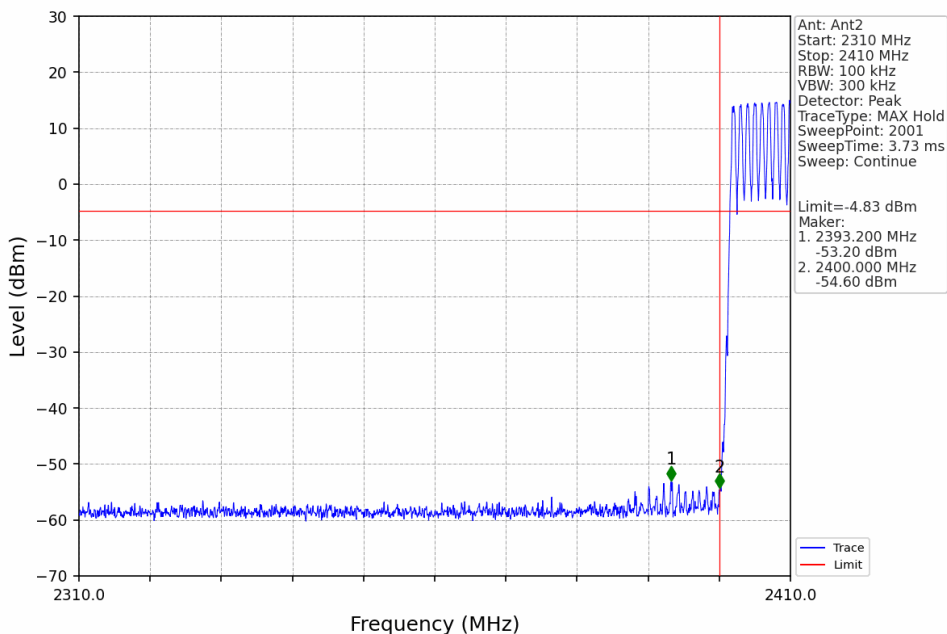
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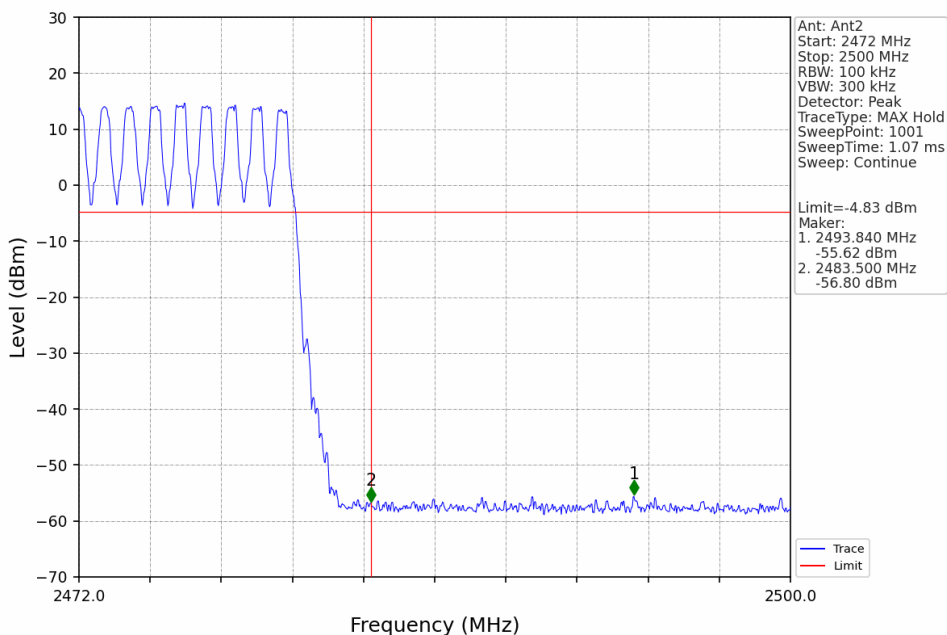
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### GFSK\_DH5\_HOPP\_Ant2\_NTNV



### GFSK\_DH5\_HOPP\_Ant2\_NTNV



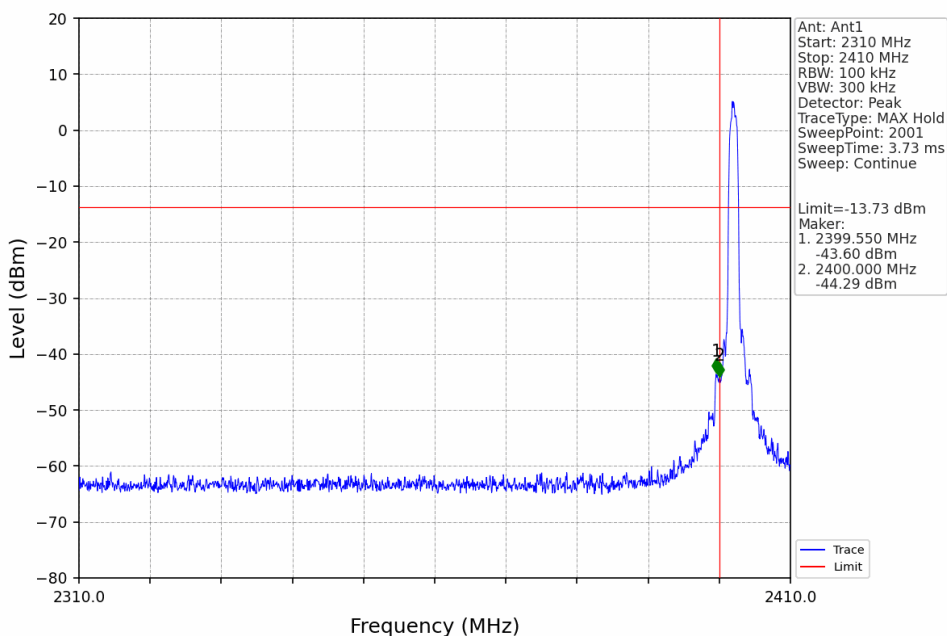
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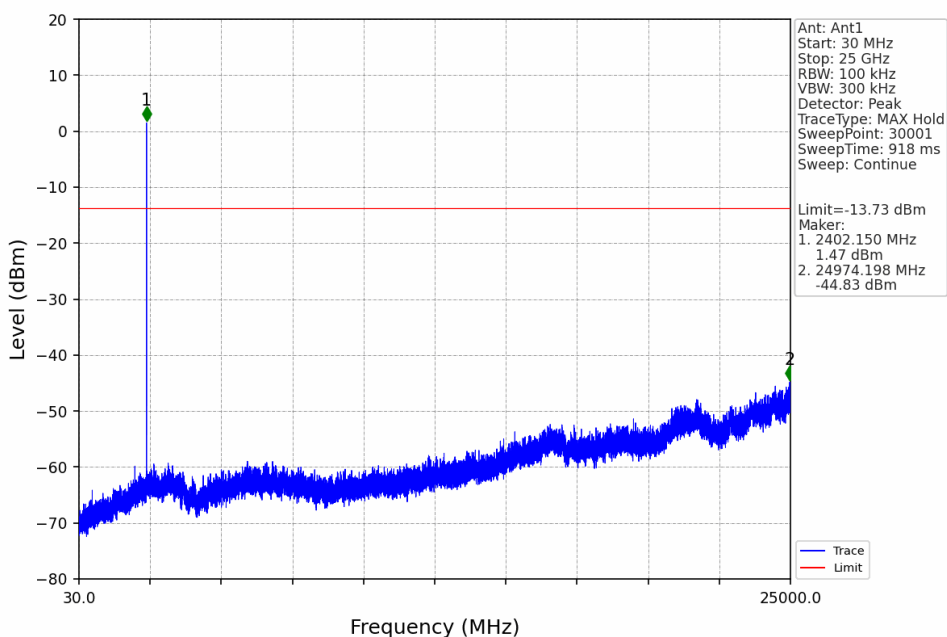
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### Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV

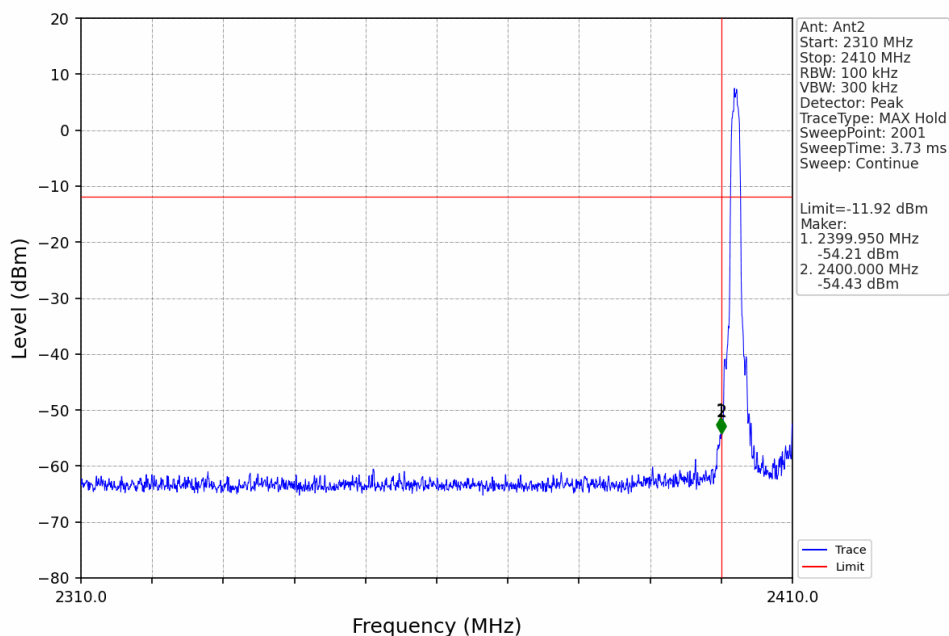


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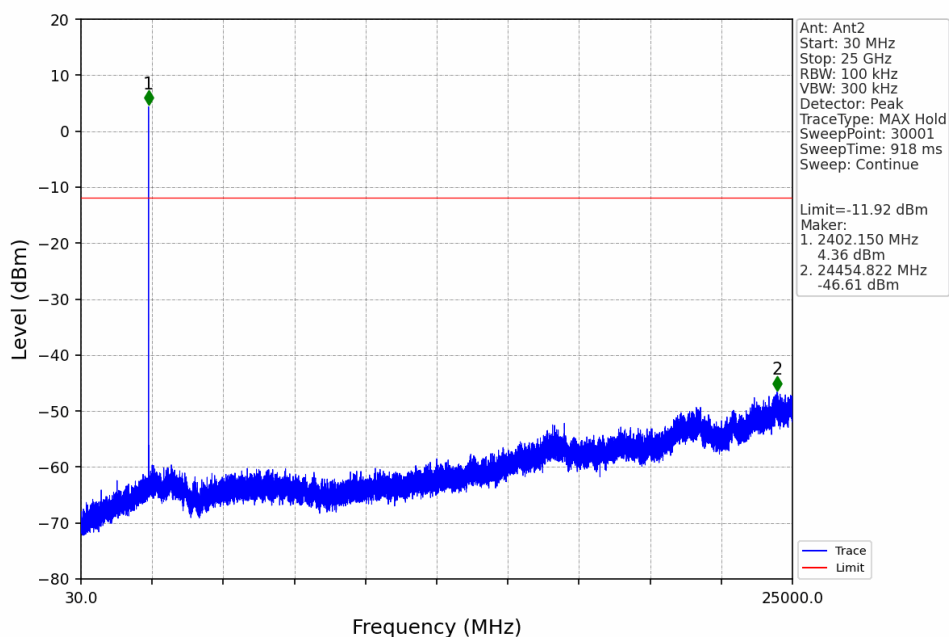




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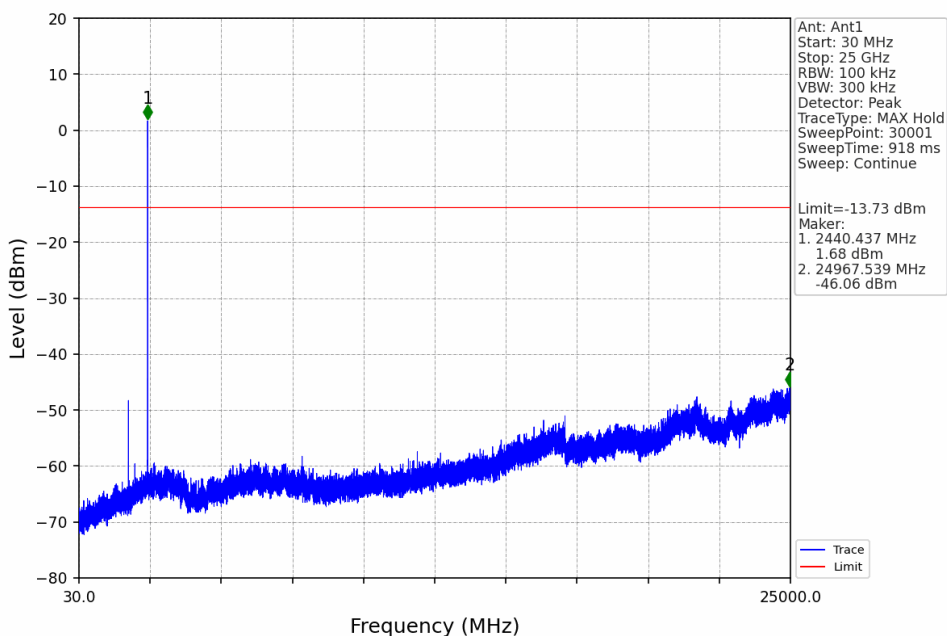


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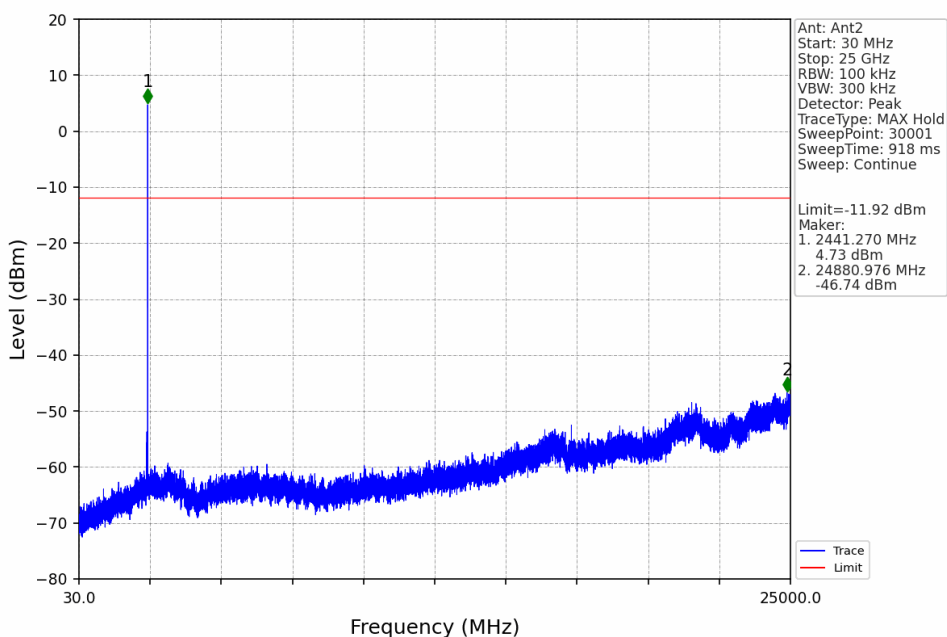




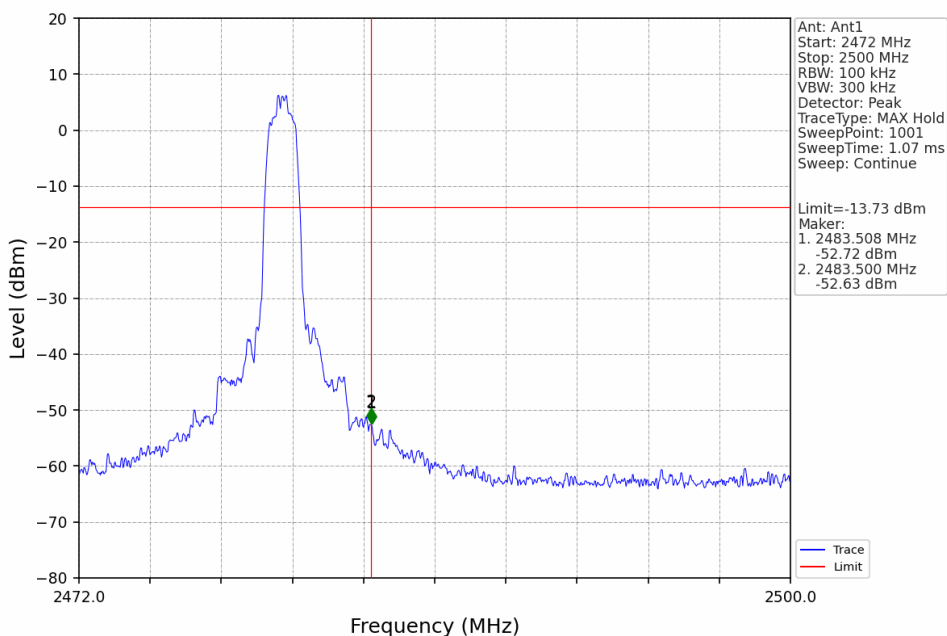
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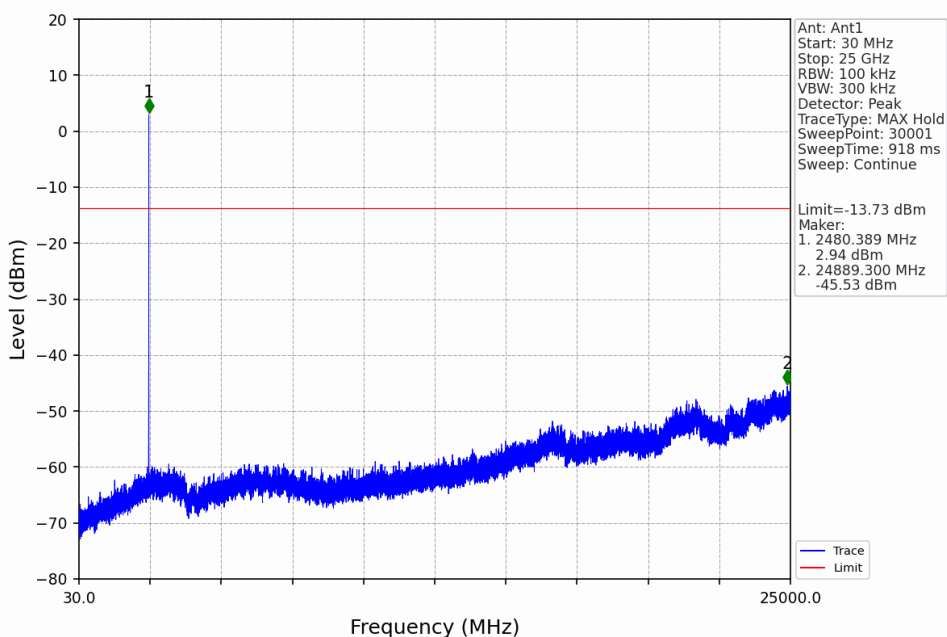
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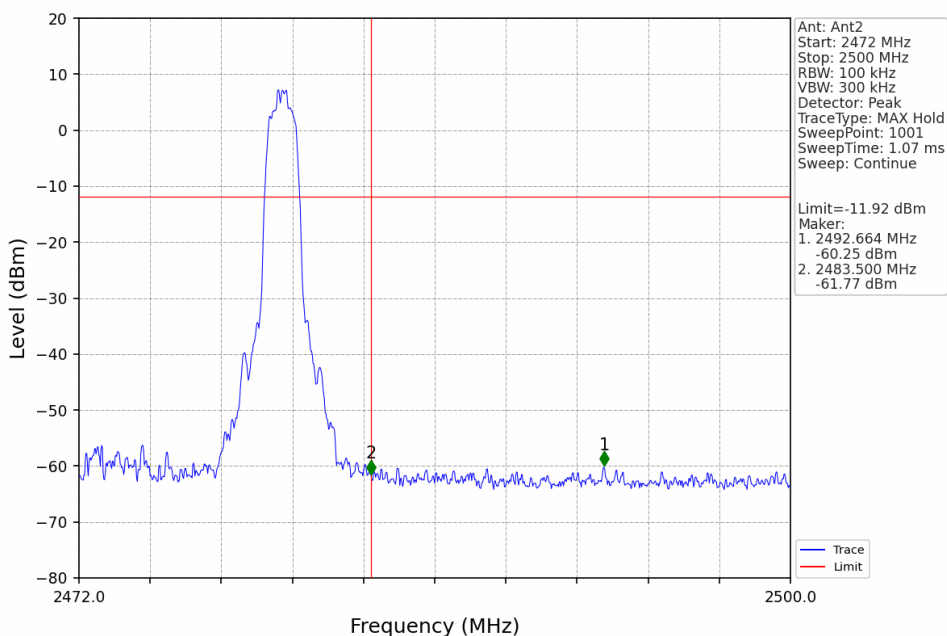
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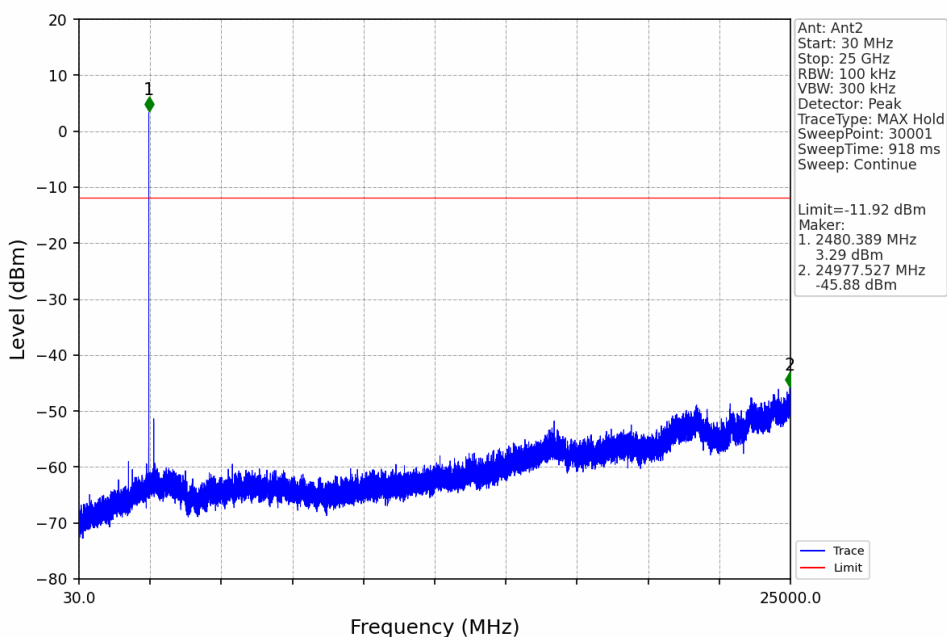
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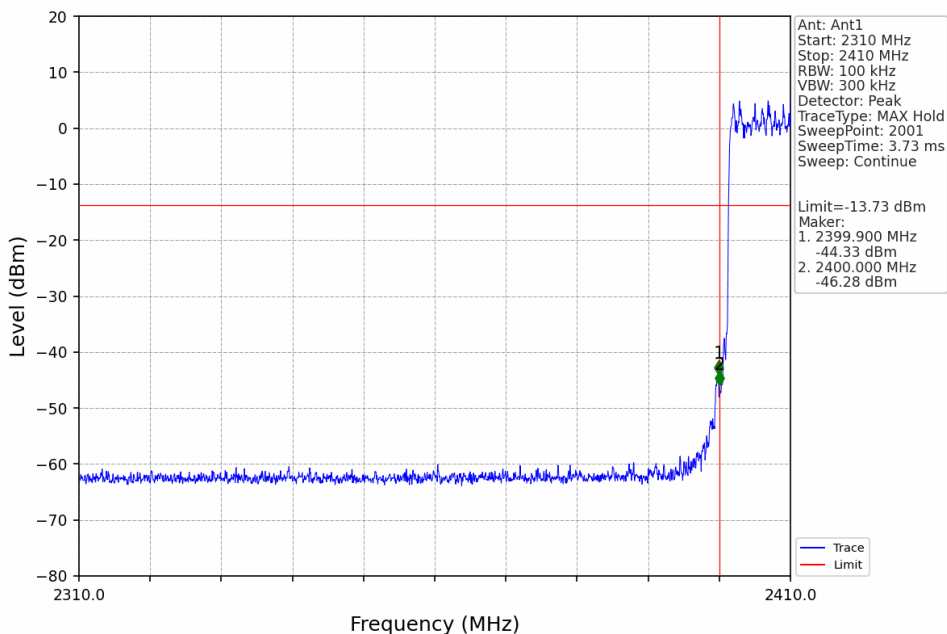
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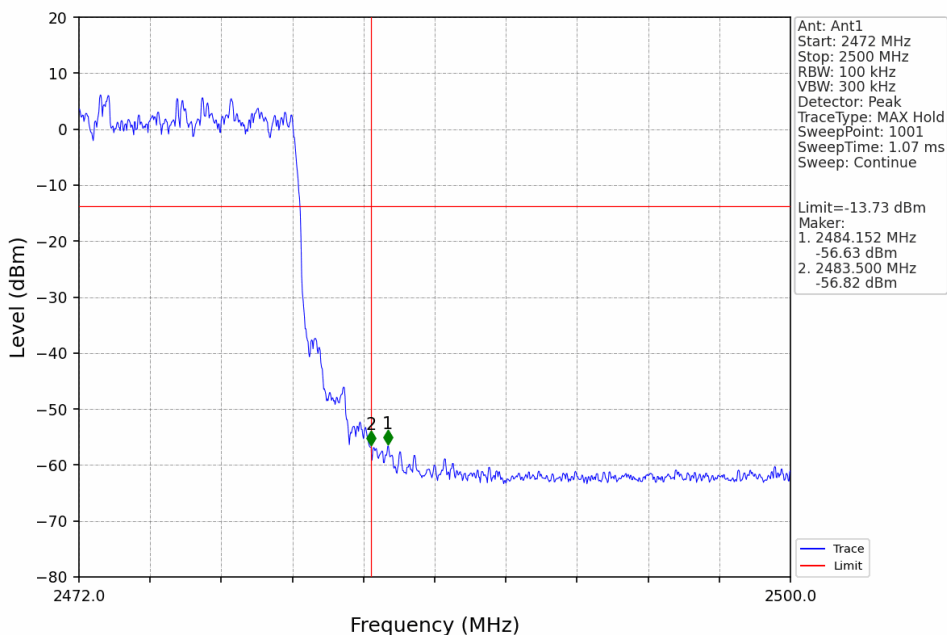
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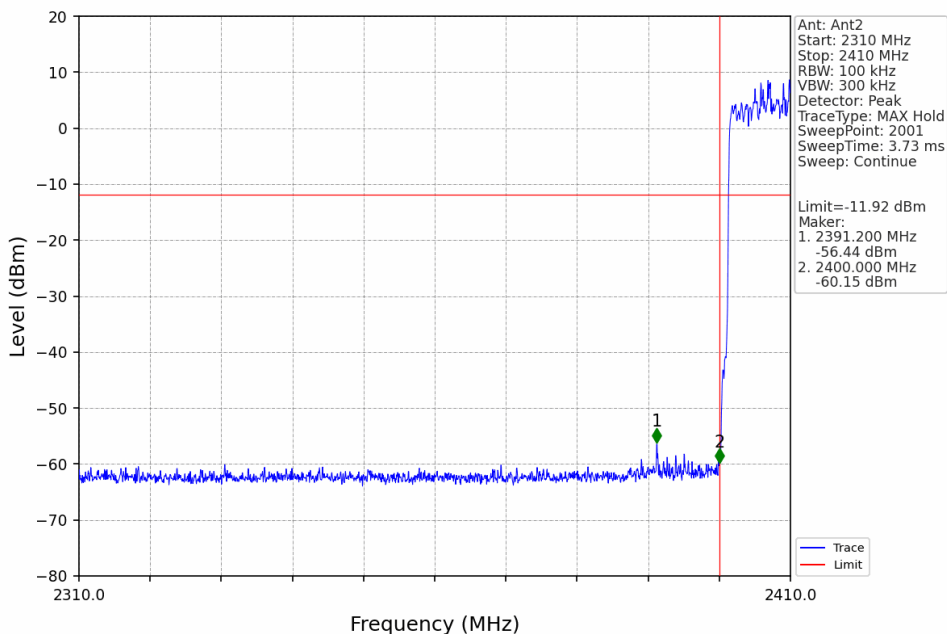


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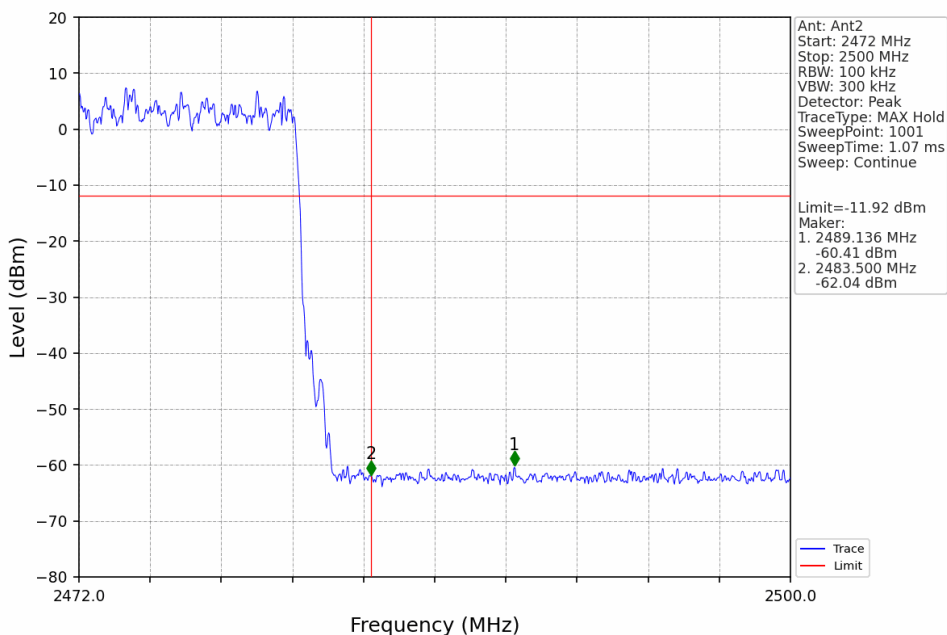




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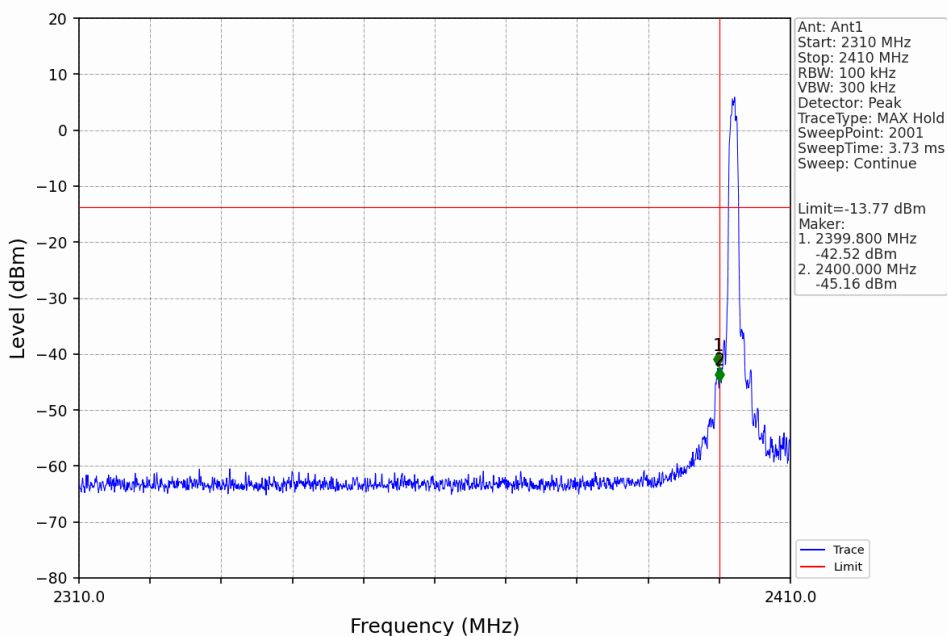


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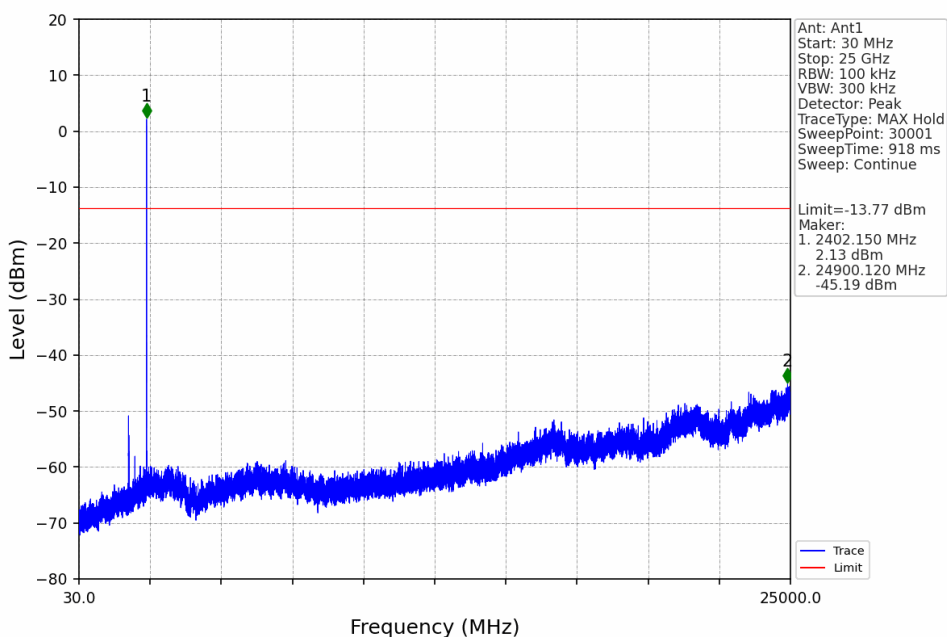




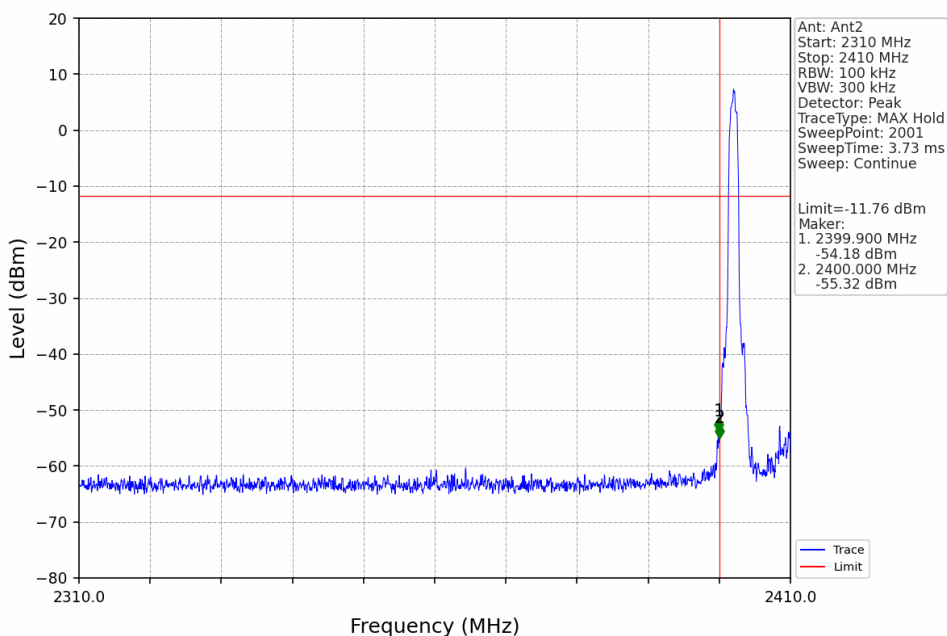
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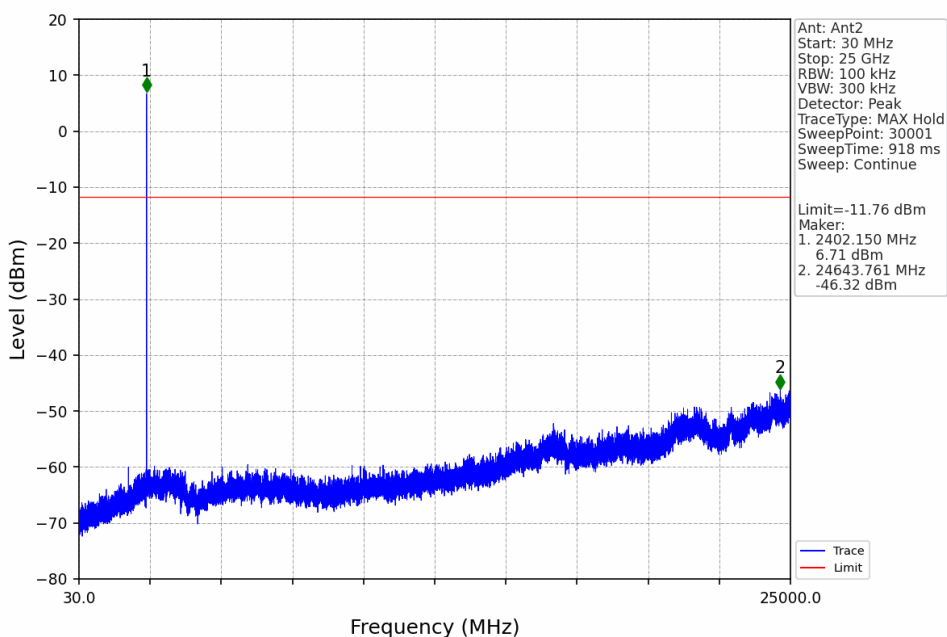
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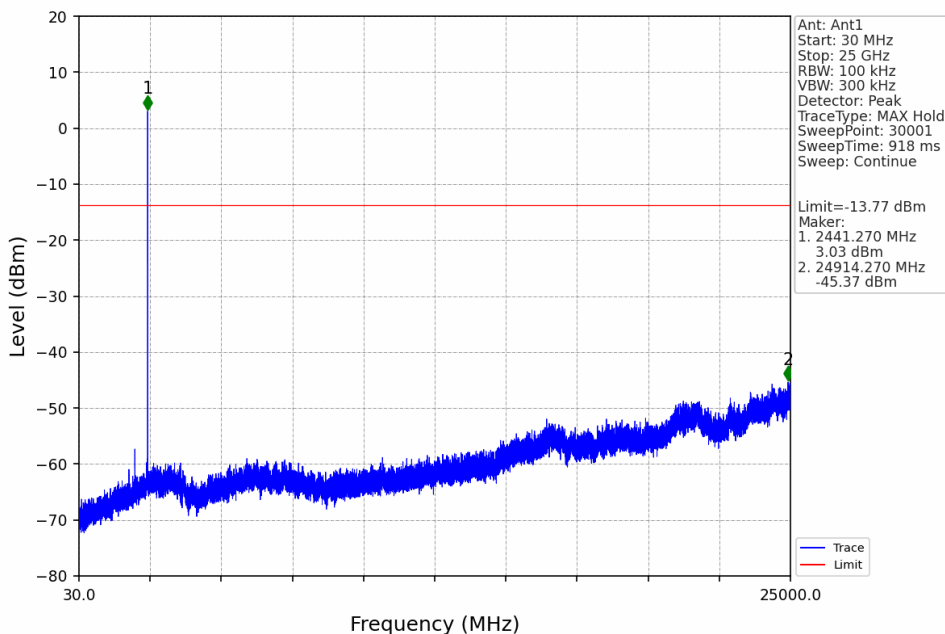
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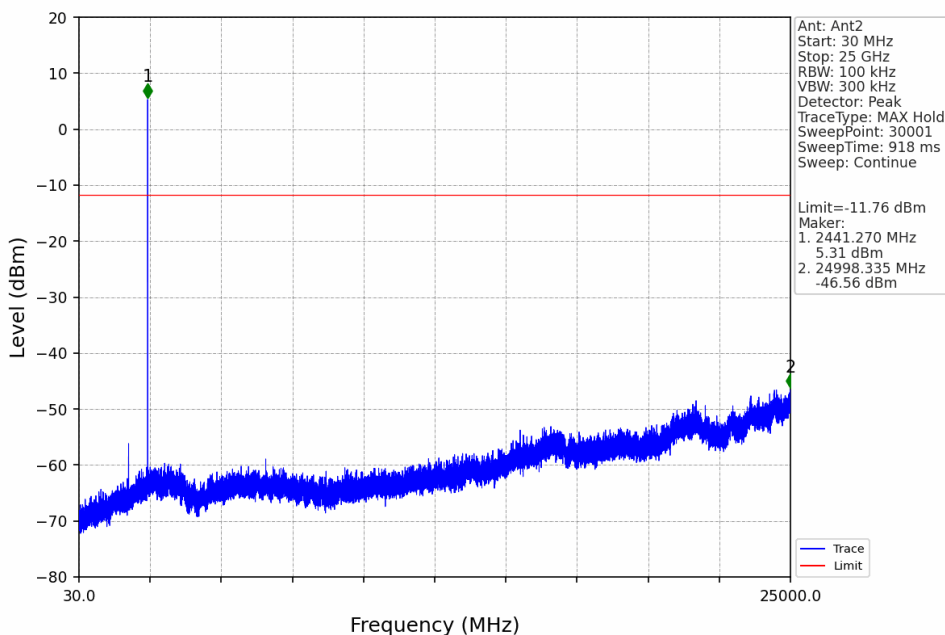
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### 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



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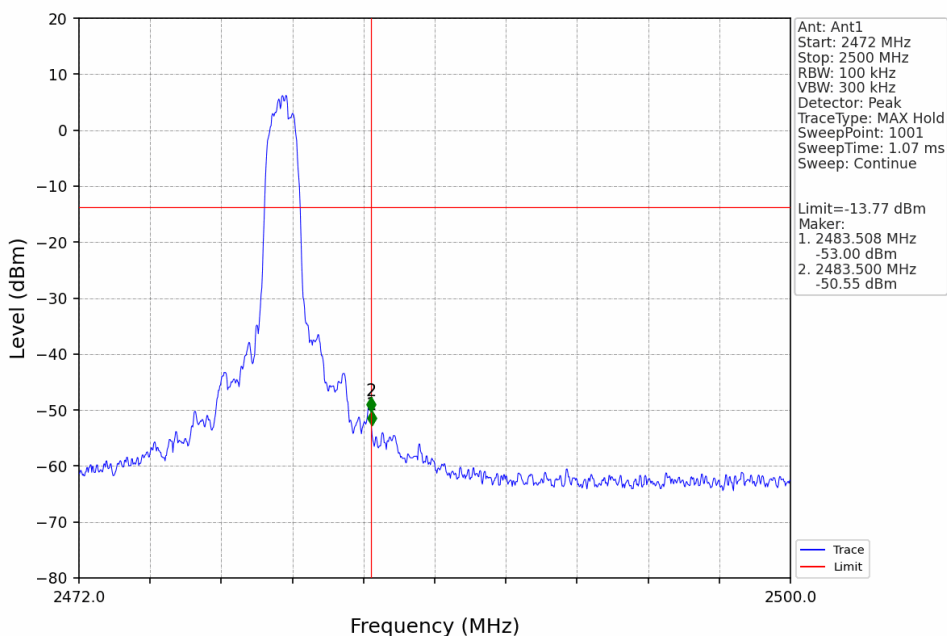
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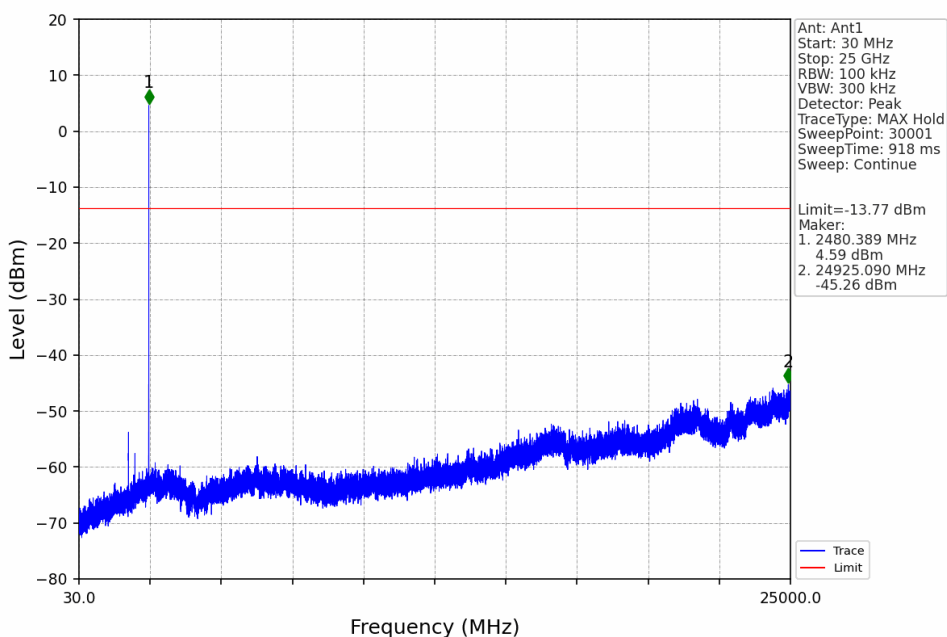
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### 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV

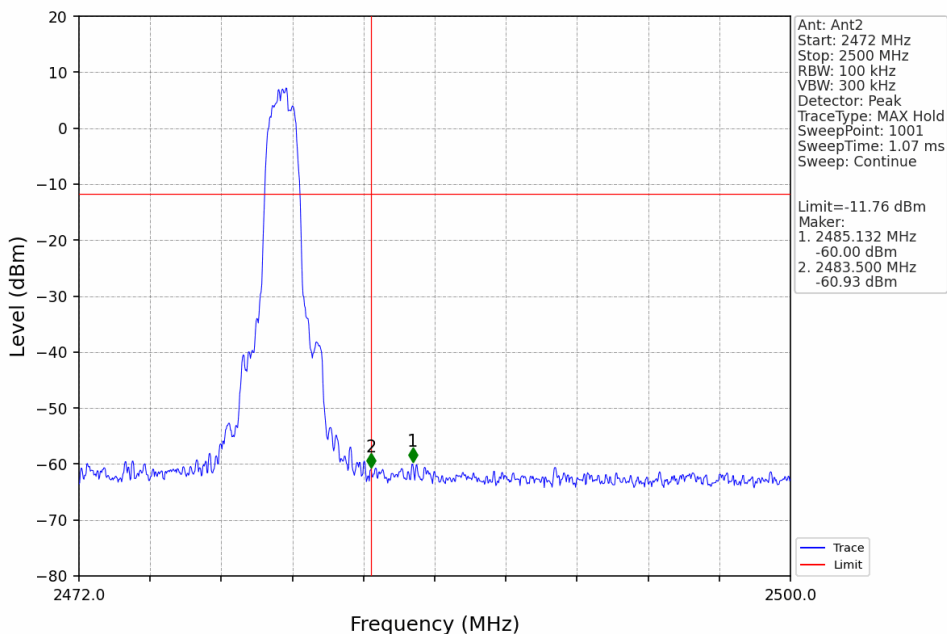


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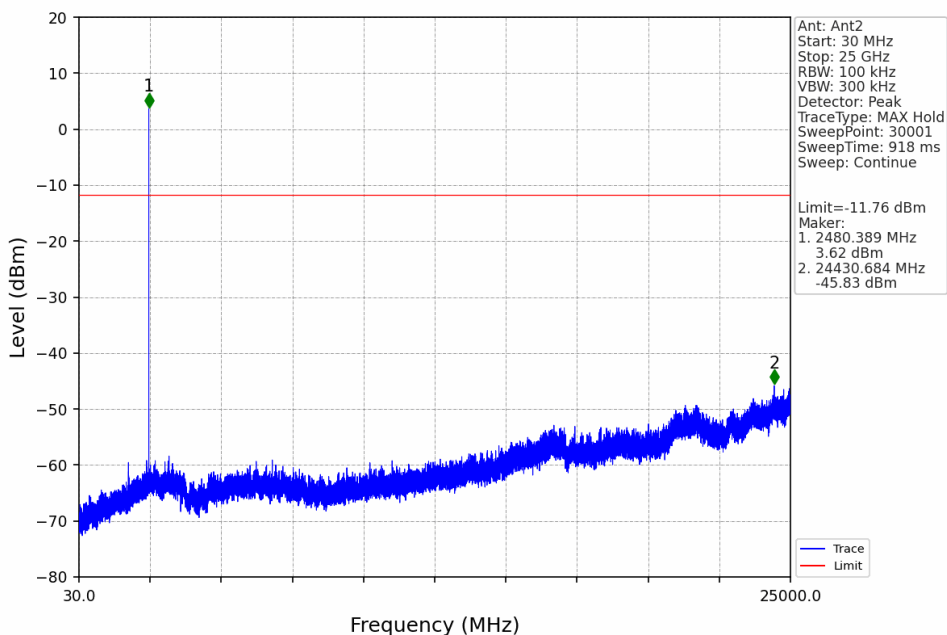




### 8DPSK\_3DH5\_HCH\_2480MHz\_Ant2\_NTNV



### 8DPSK\_3DH5\_HCH\_2480MHz\_Ant2\_NTNV



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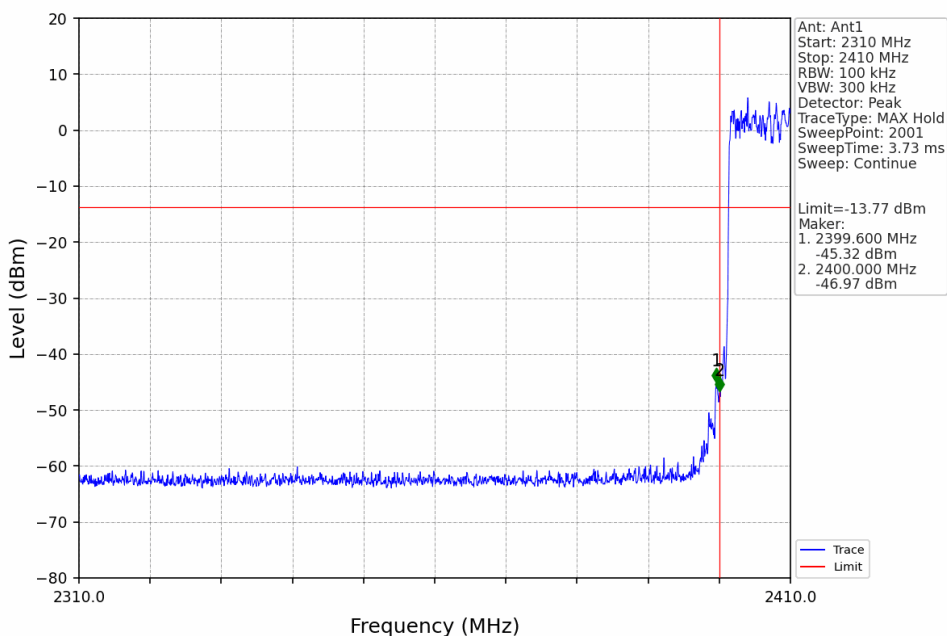
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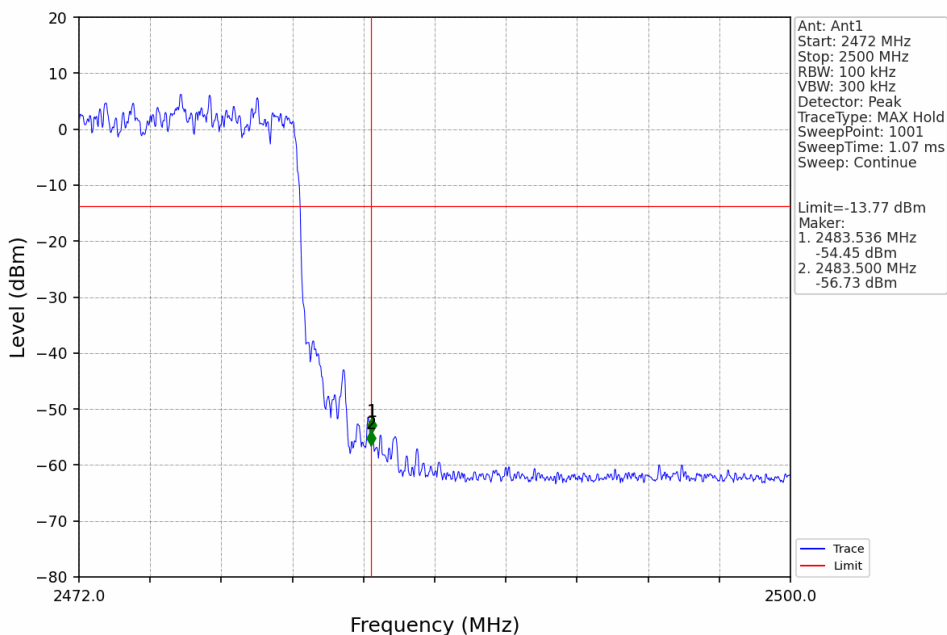
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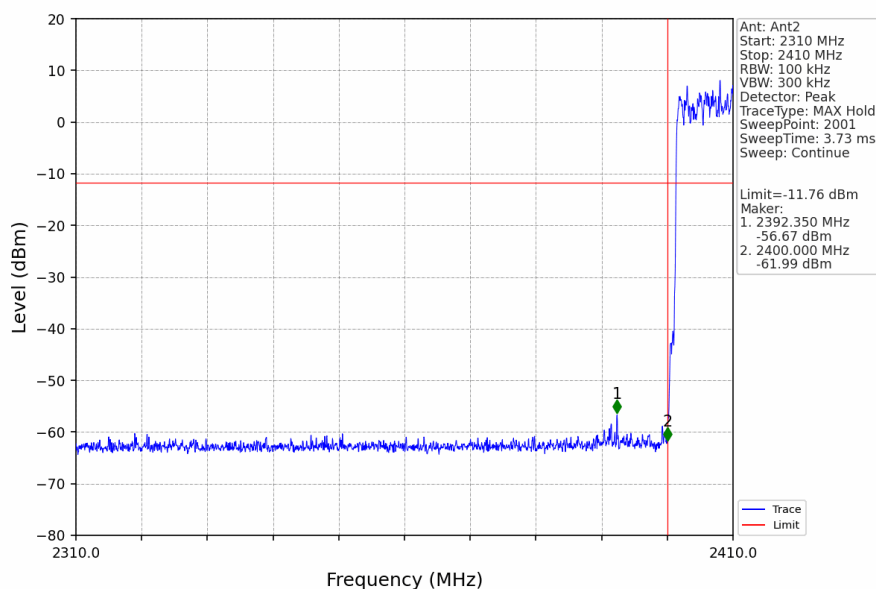
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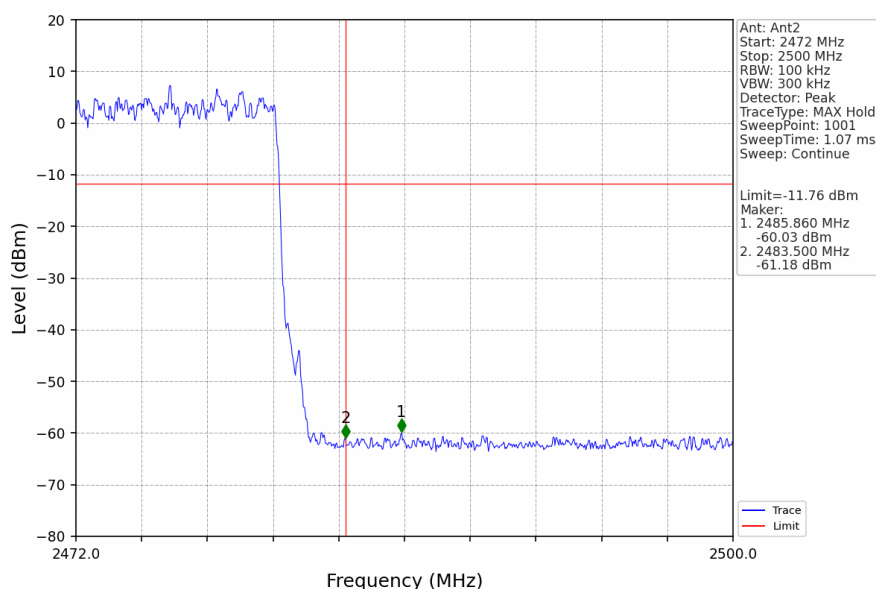
### 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



### 8DPSK\_3DH5\_HOPP\_Ant2\_NTNV



### 8DPSK\_3DH5\_HOPP\_Ant2\_NTNV



- End of the Report -

