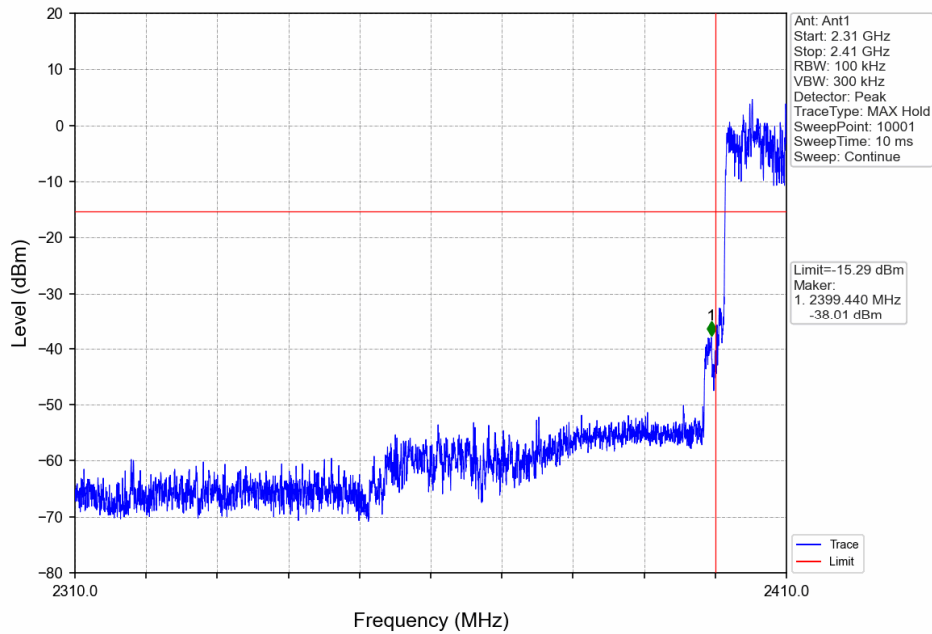
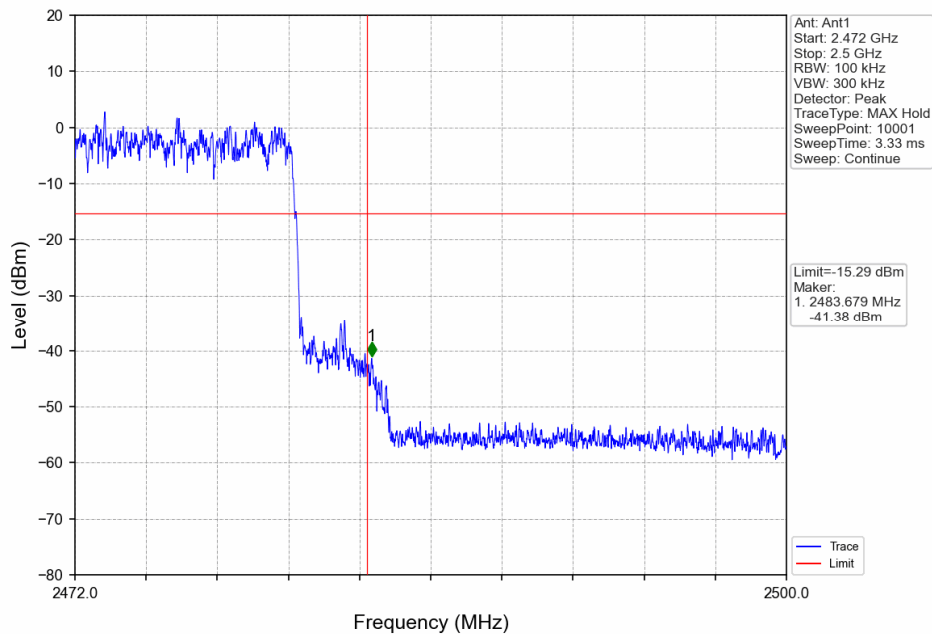


Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV

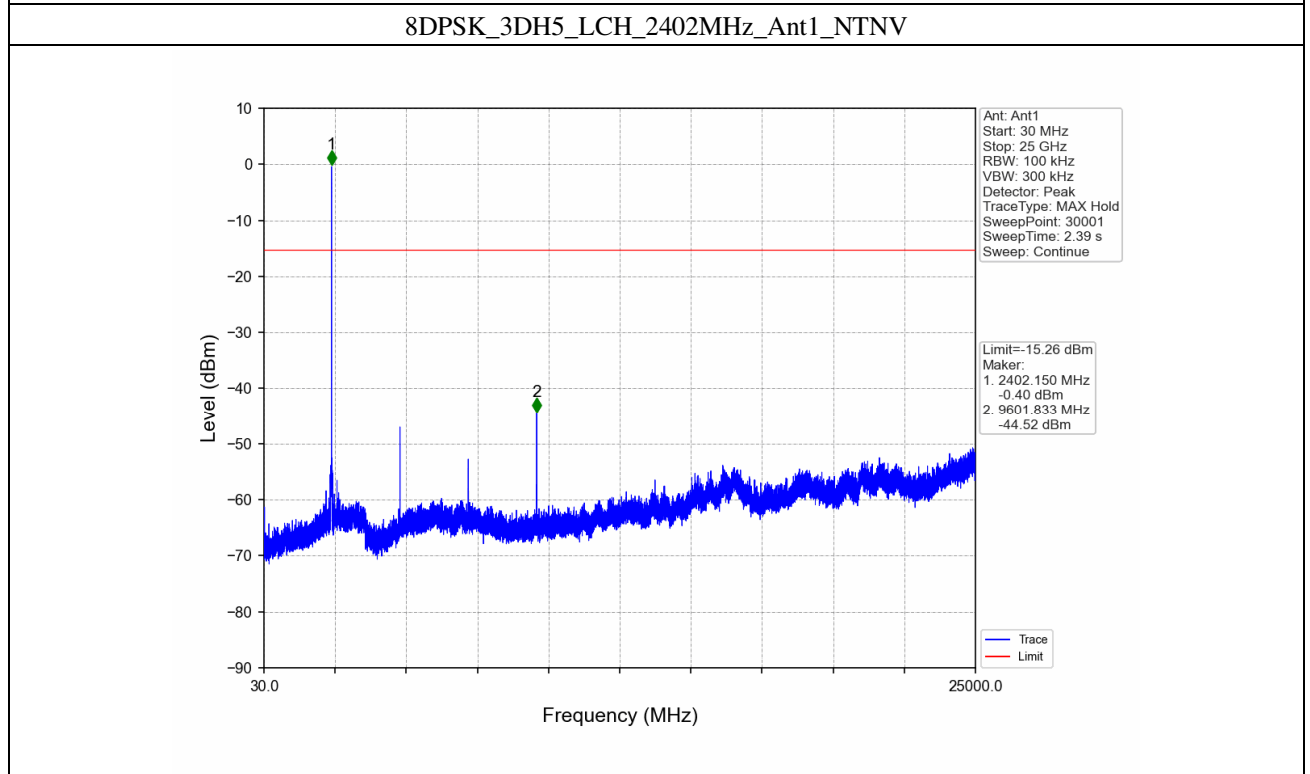
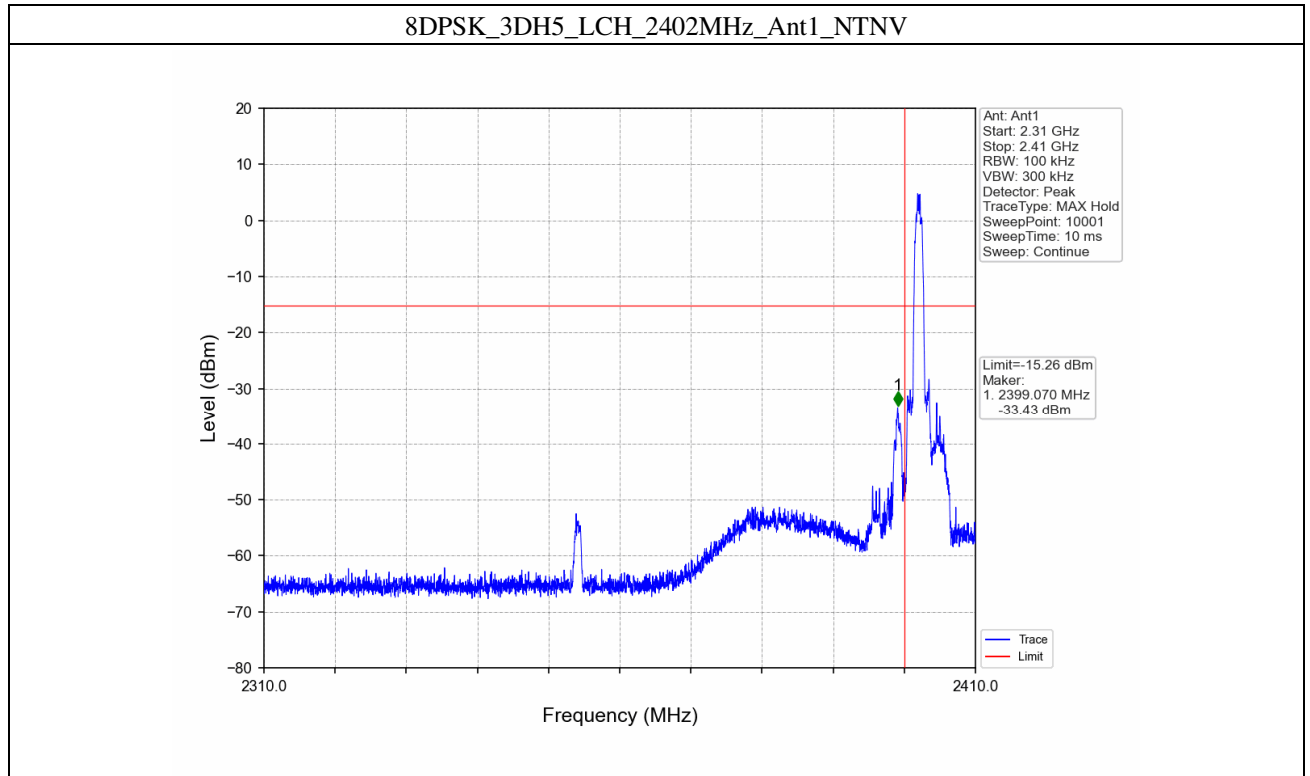


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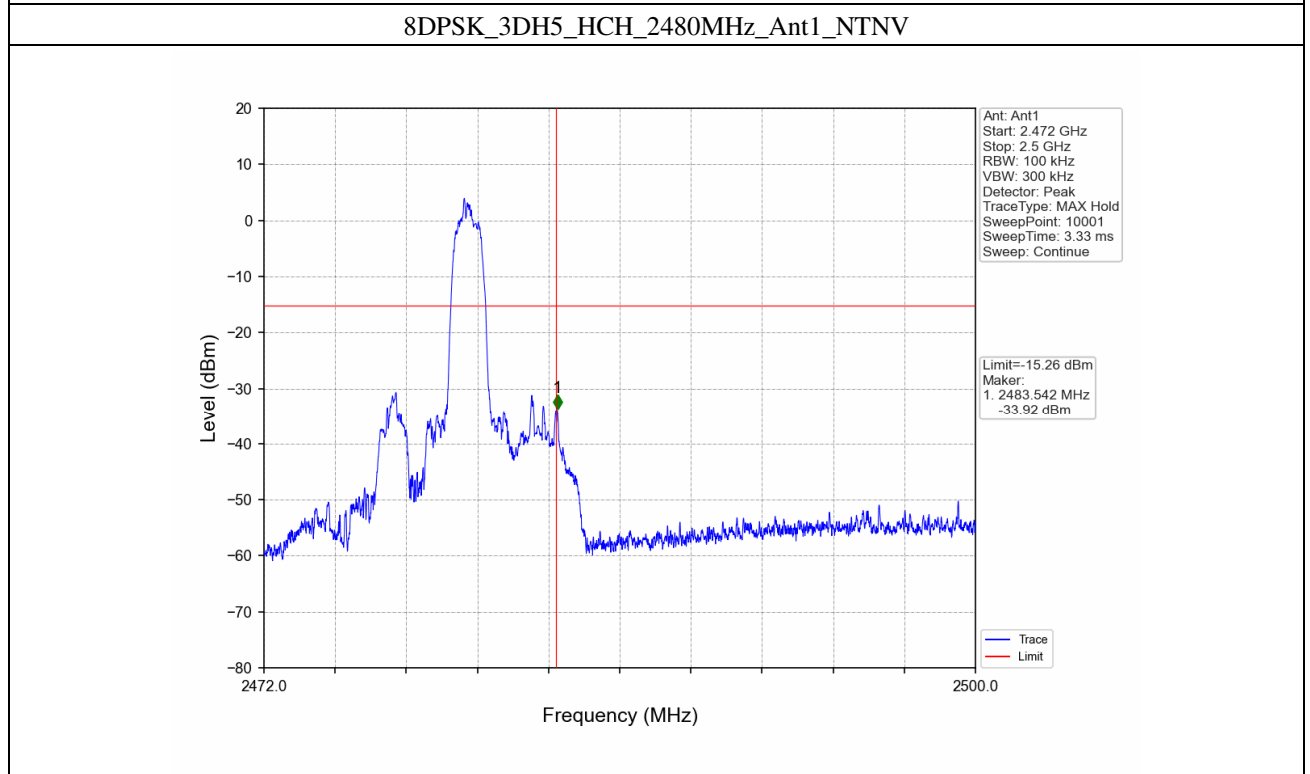
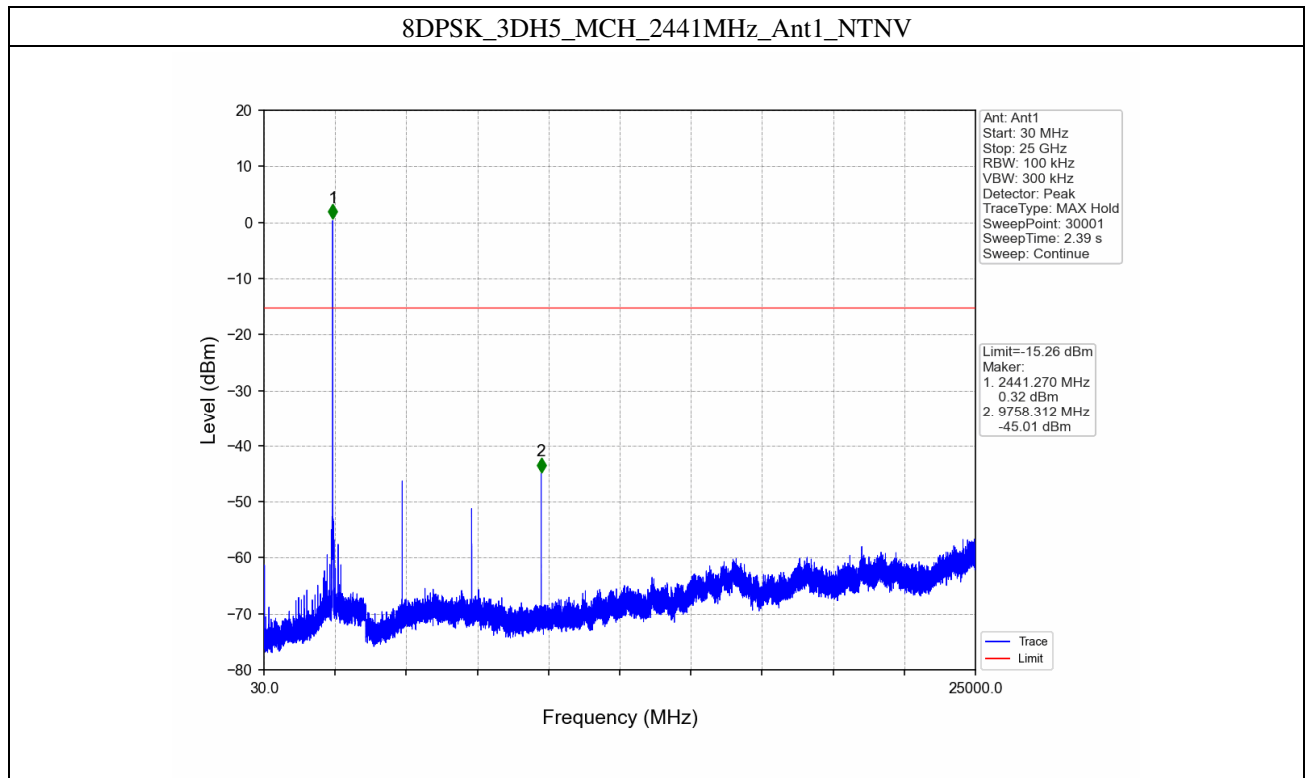


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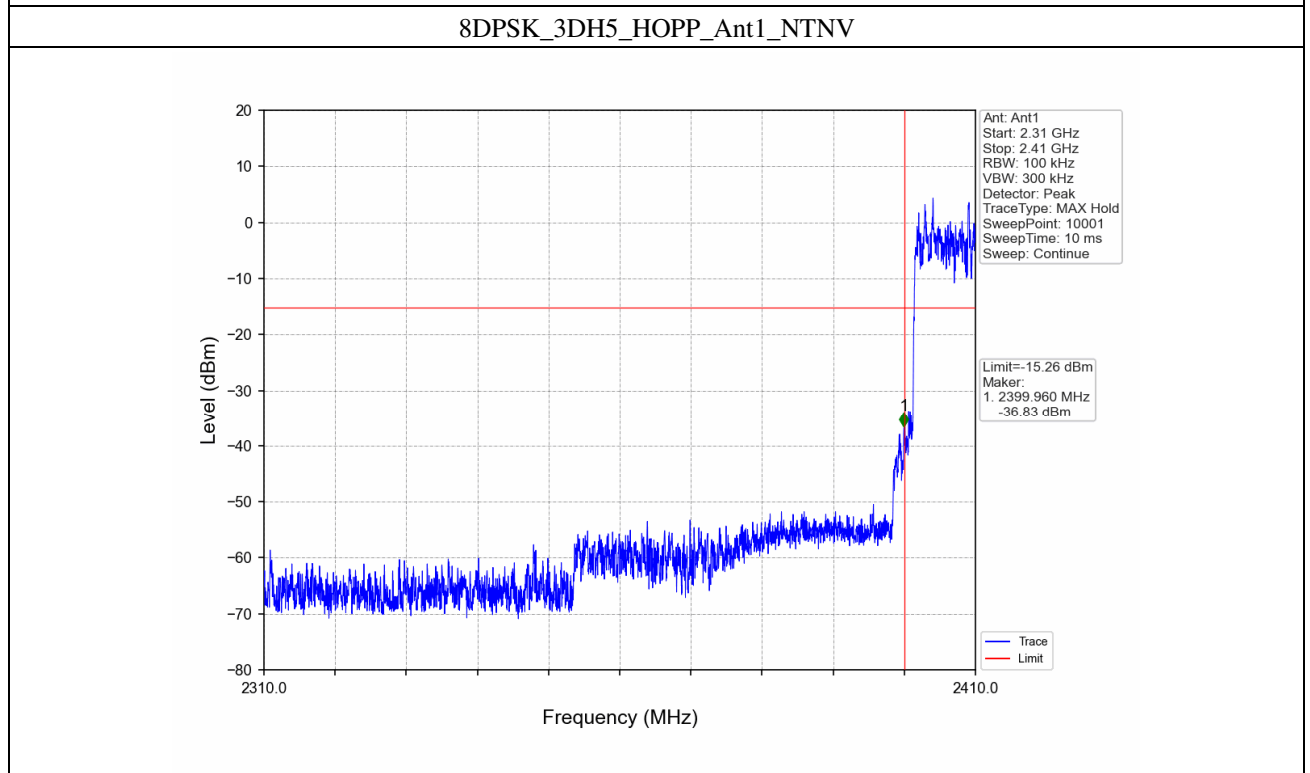
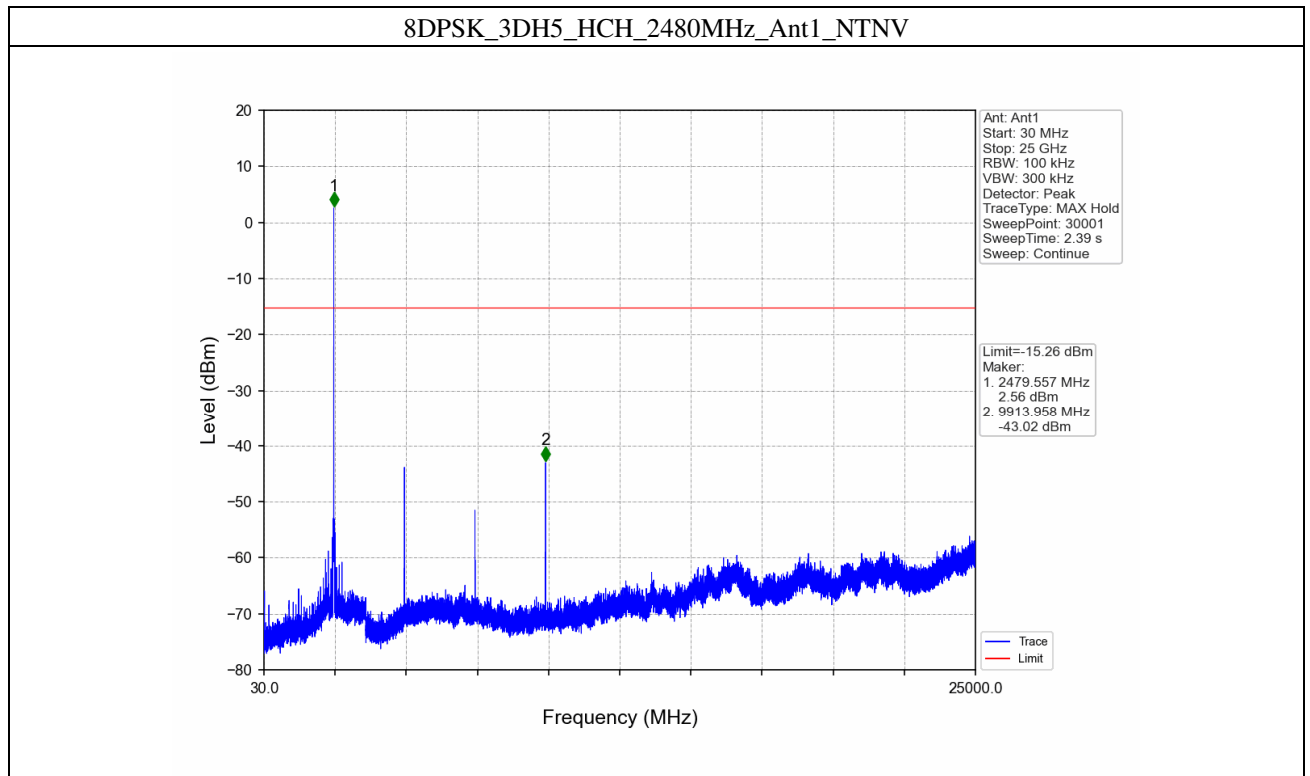


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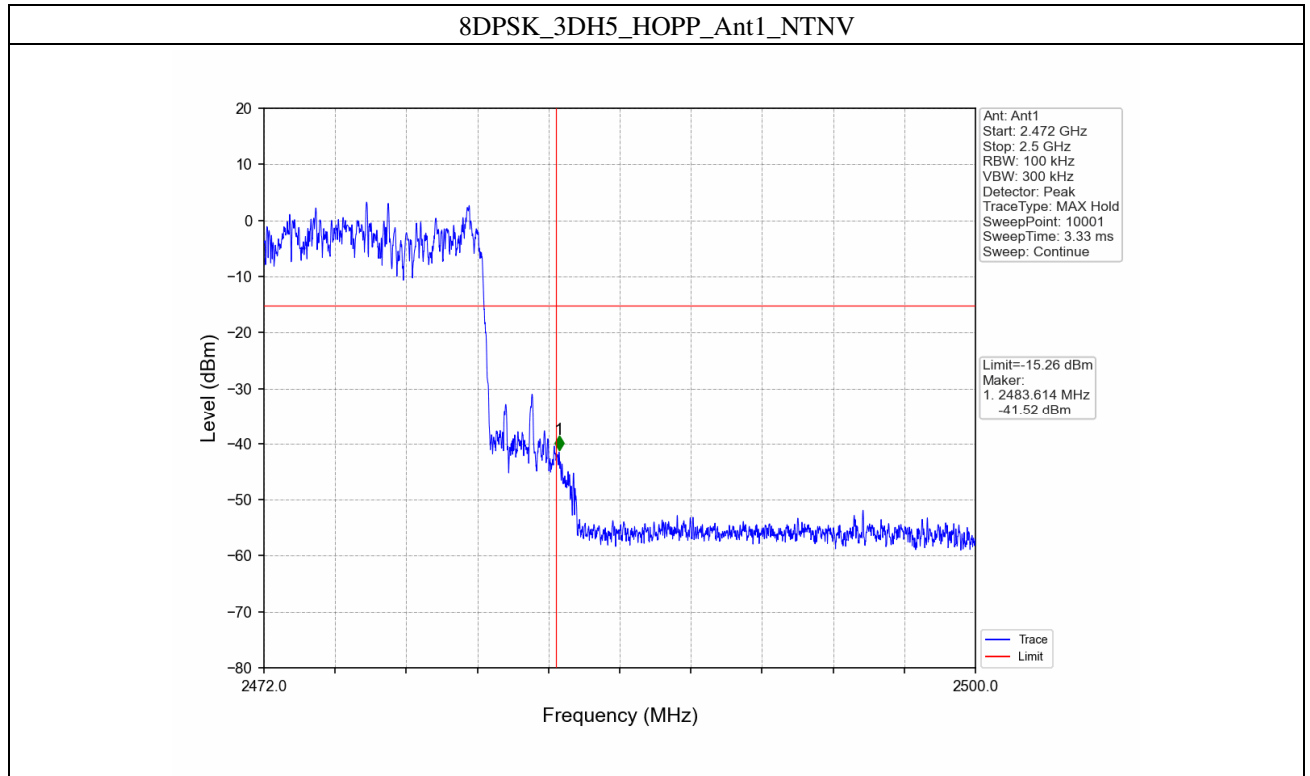
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Right earbud

**1. Bandwidth**

**1.1 OBW**

**1.1.1 Test Result**

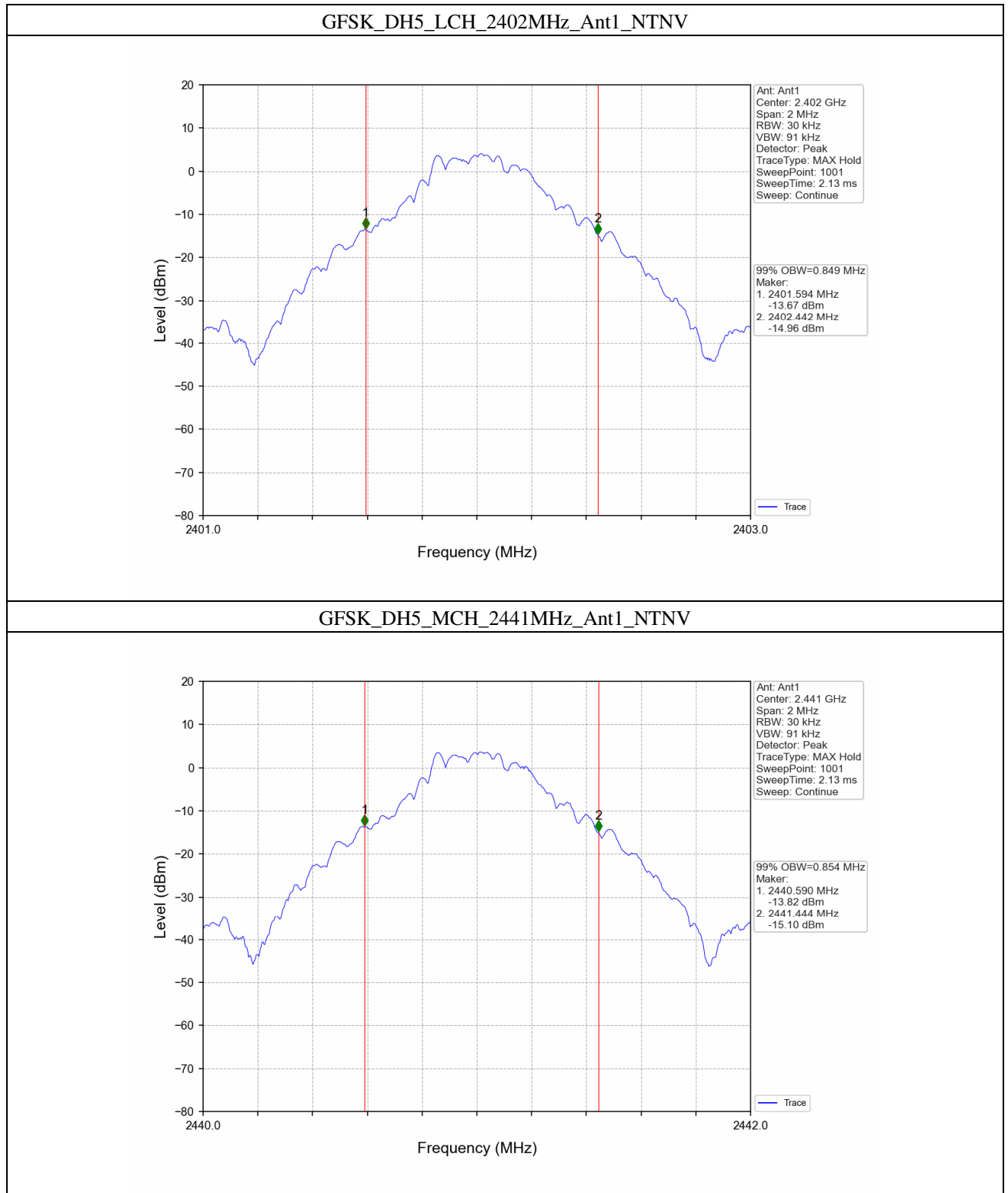
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	99% Occupied Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.849	Pass
		2441	DH5	1	0.854	Pass
		2480	DH5	1	0.853	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.222	Pass
		2441	2DH5	1	1.201	Pass
		2480	2DH5	1	1.187	Pass
8DPSK	SISO	2402	3DH5	1	1.236	Pass
		2441	3DH5	1	1.221	Pass
		2480	3DH5	1	1.207	Pass



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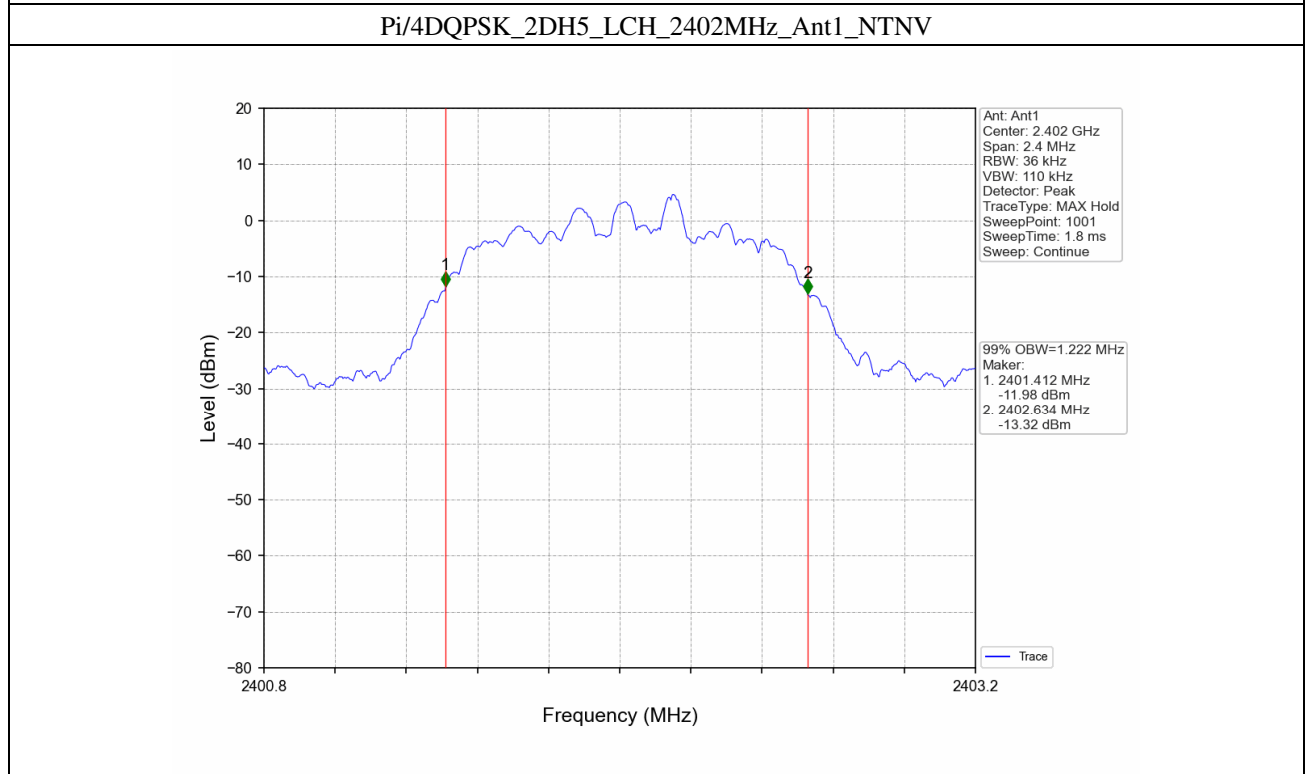
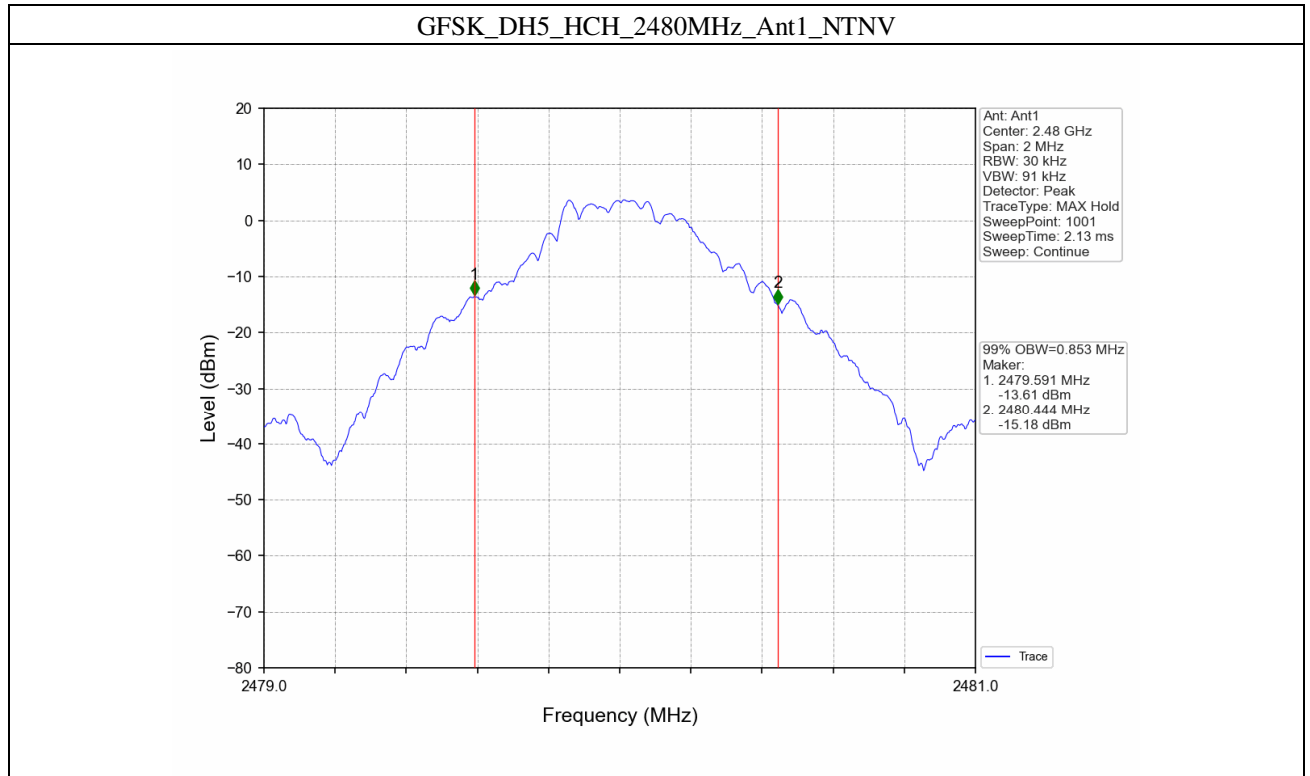
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### 1.1.2 Test Graph



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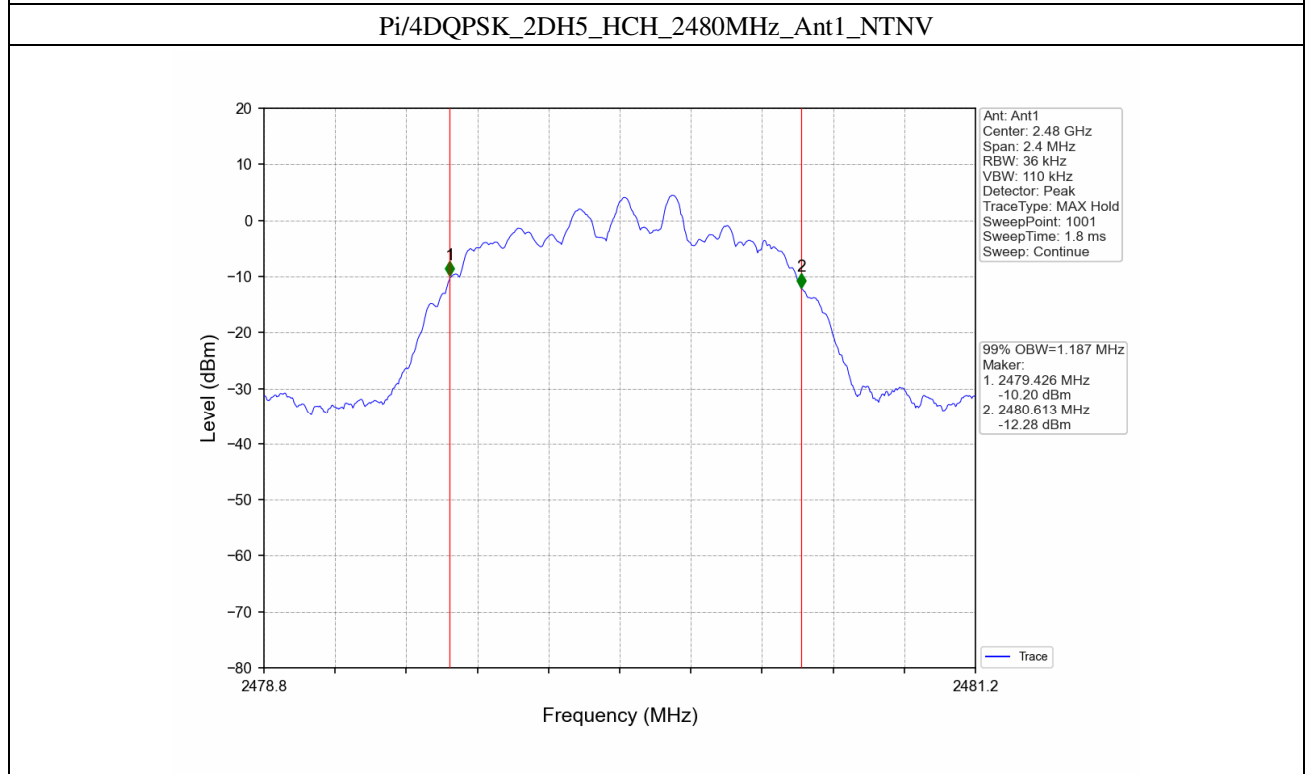
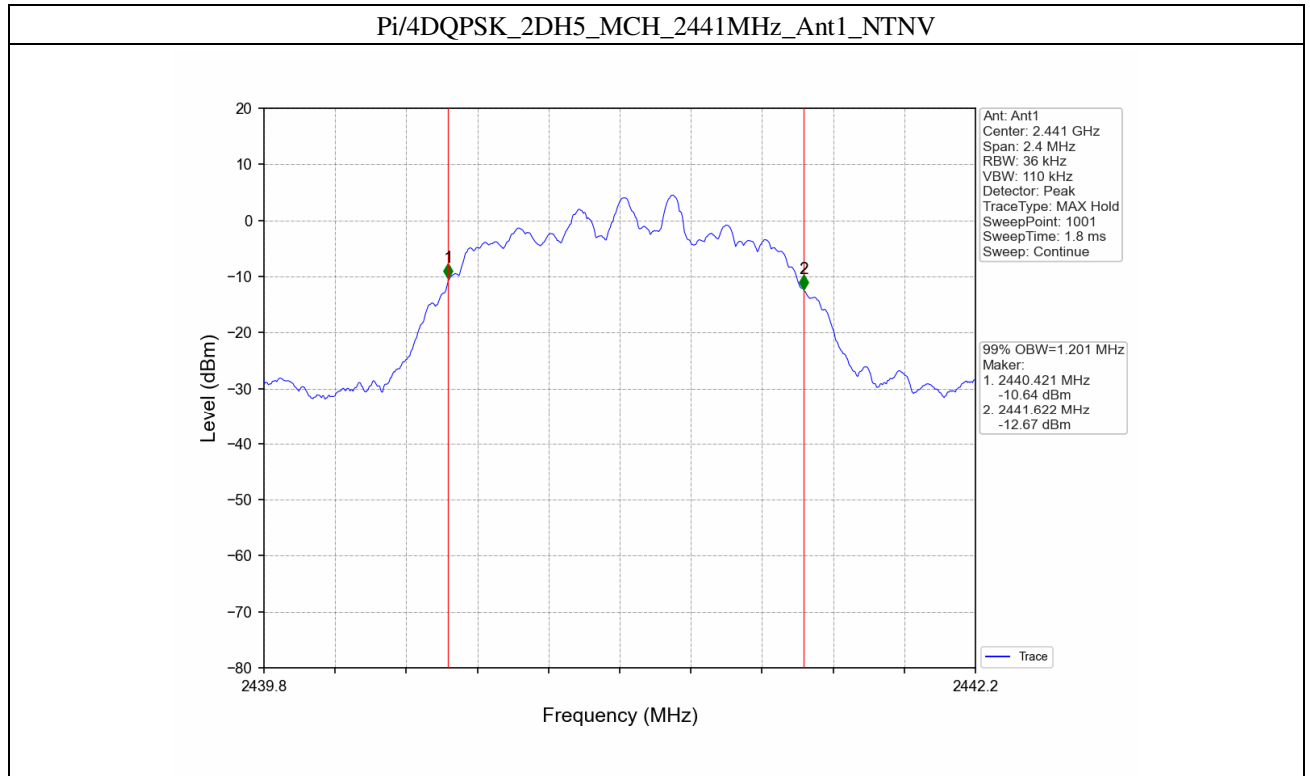


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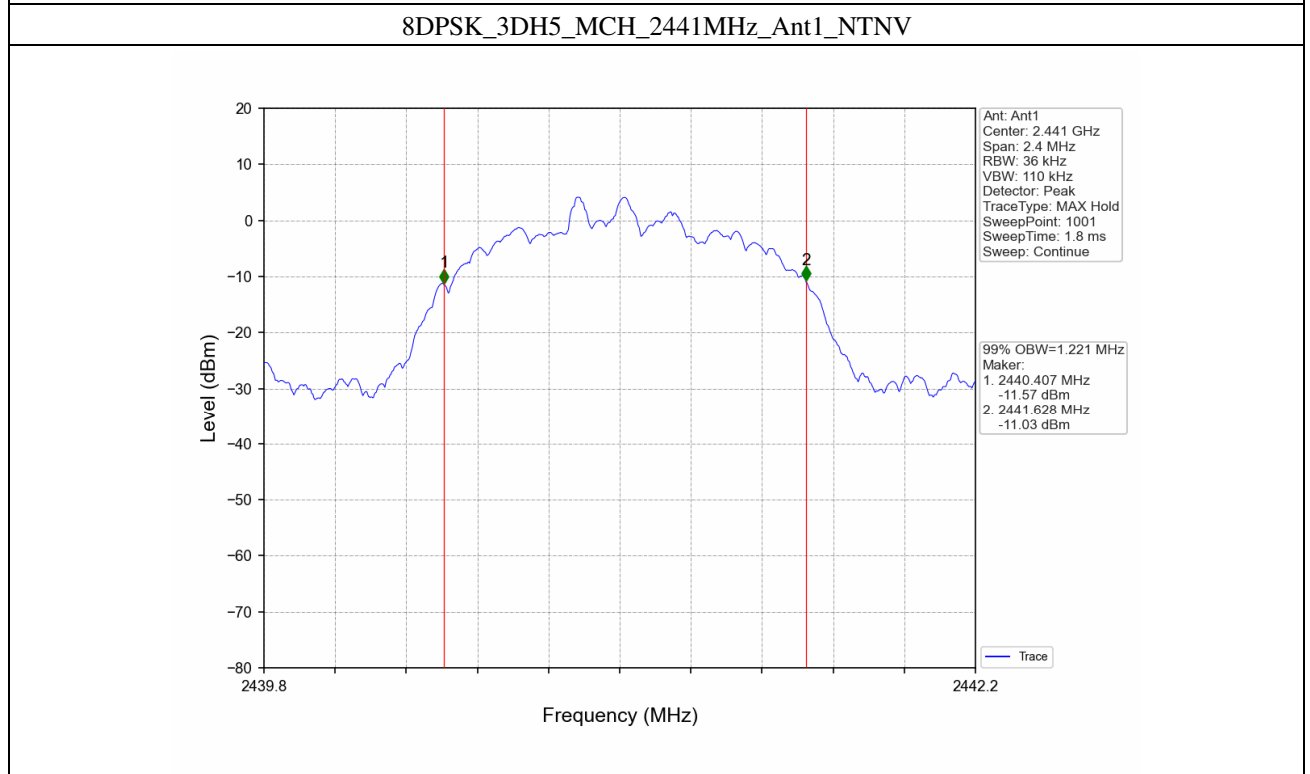
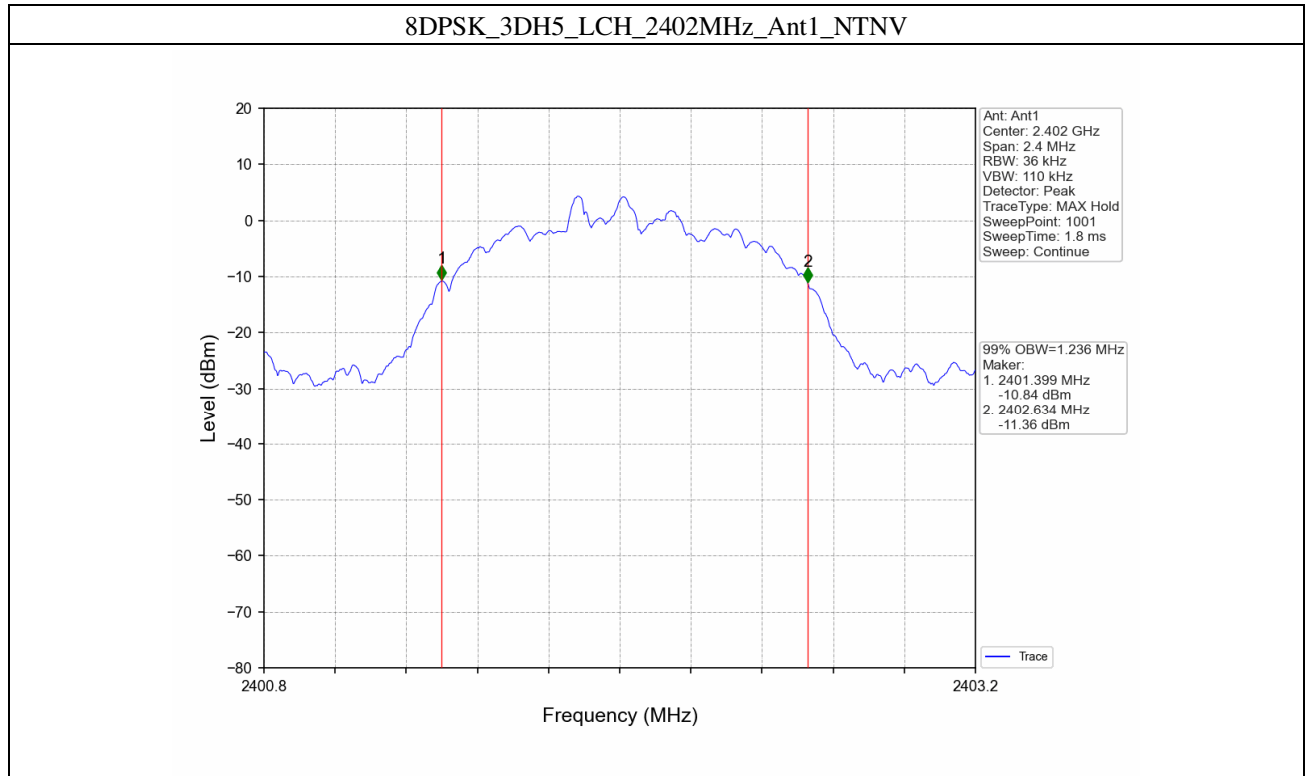
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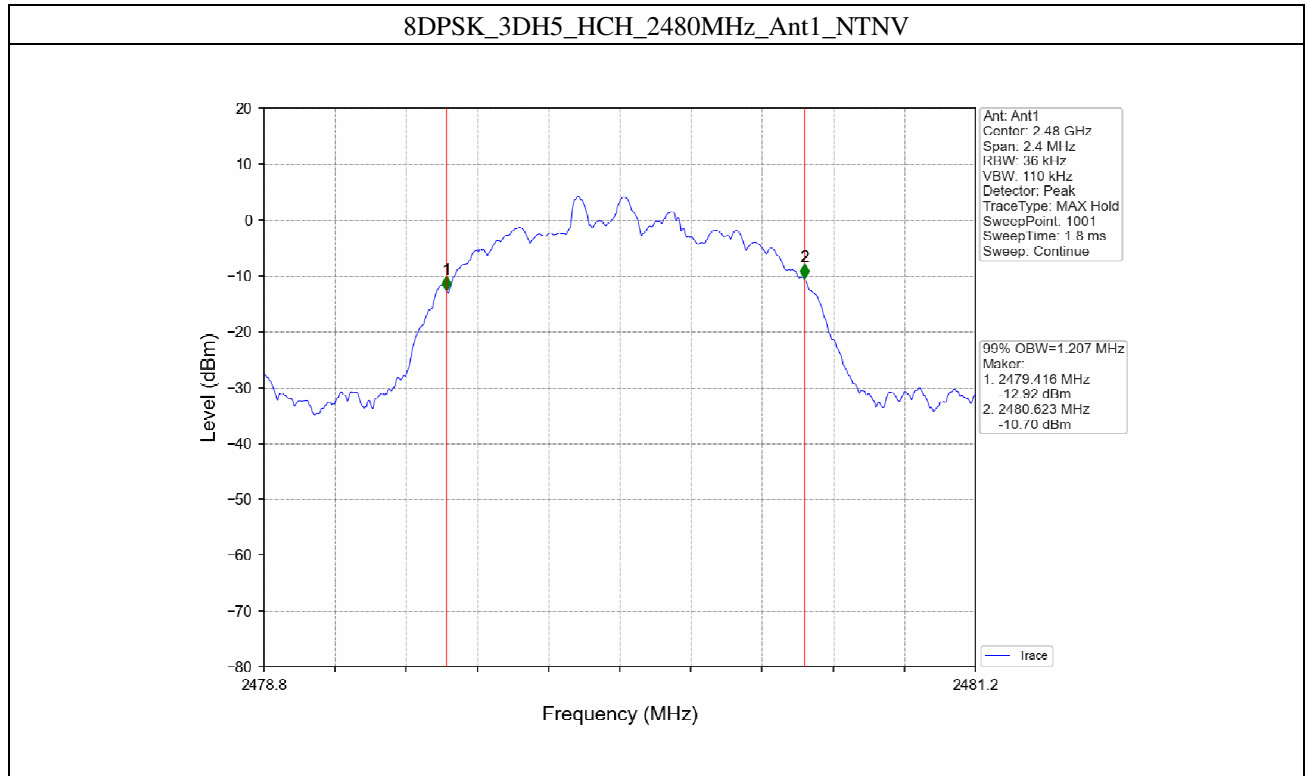


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1.2 20dB BW

1.2.1 Test Result

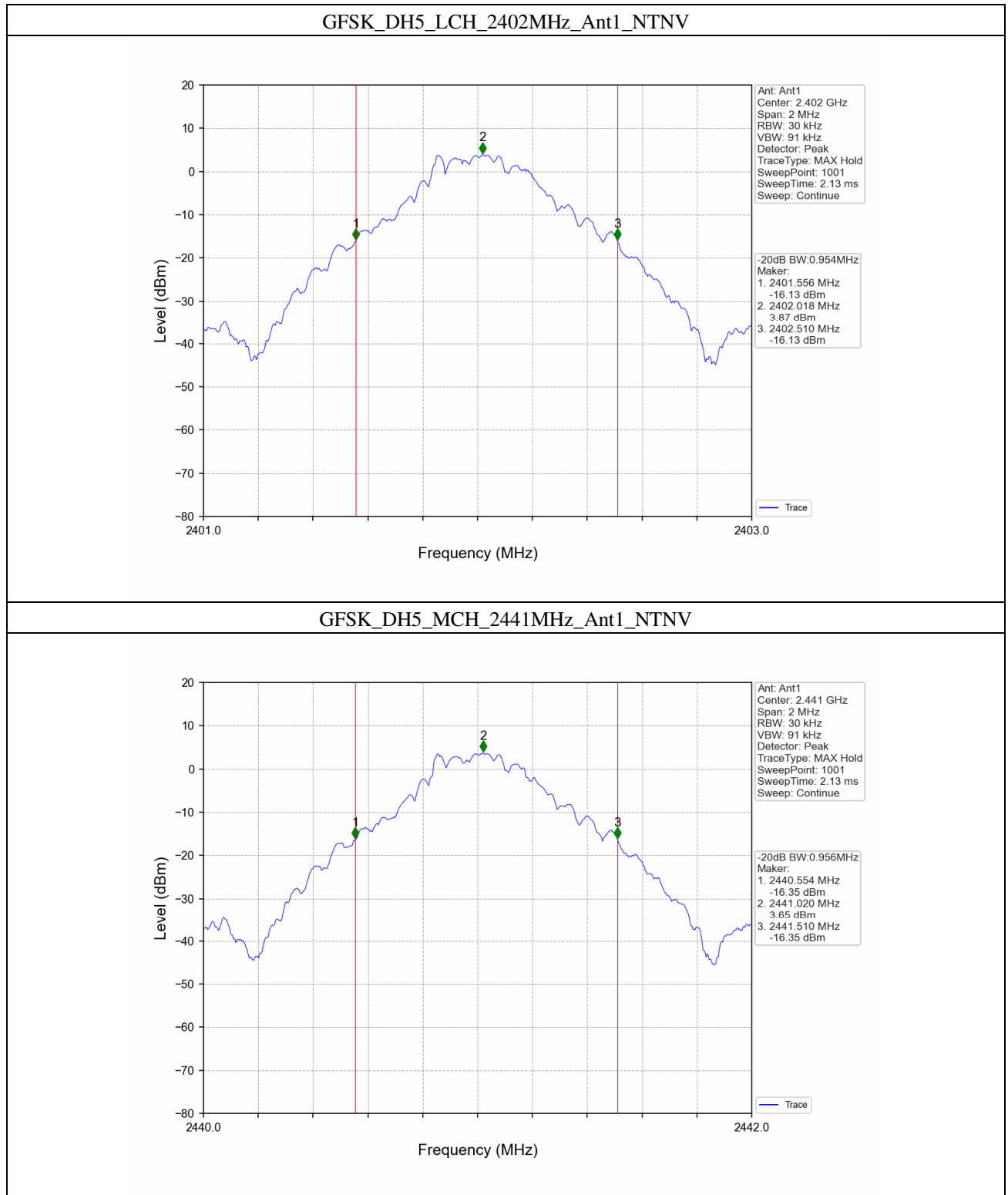
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	20dB Bandwidth (MHz)	Verdict
					Result	
GFSK	SISO	2402	DH5	1	0.954	Pass
		2441	DH5	1	0.956	Pass
		2480	DH5	1	0.953	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.343	Pass
		2441	2DH5	1	1.331	Pass
		2480	2DH5	1	1.326	Pass
8DPSK	SISO	2402	3DH5	1	1.336	Pass
		2441	3DH5	1	1.326	Pass
		2480	3DH5	1	1.315	Pass



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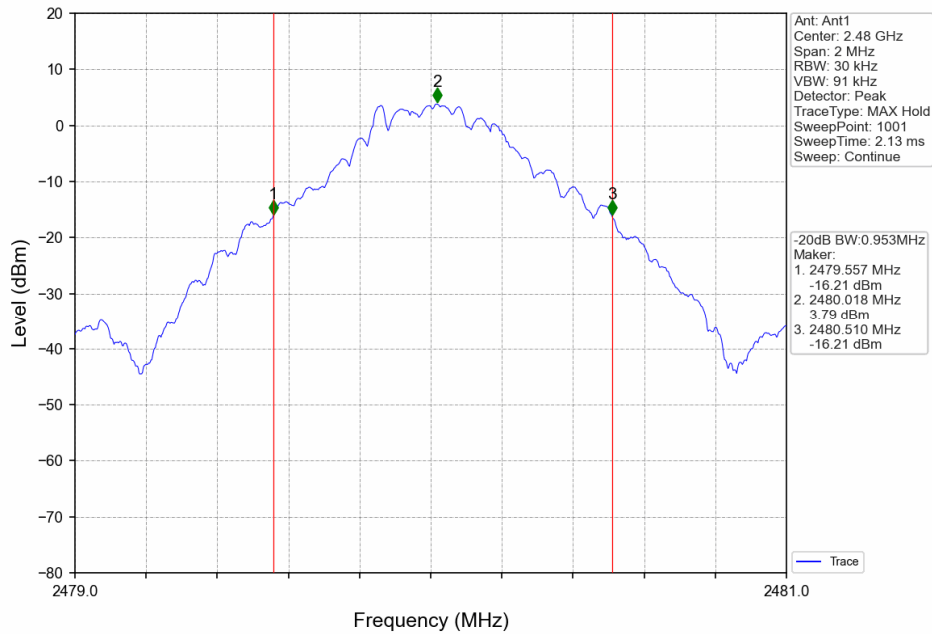
### 1.2.2 Test Graph



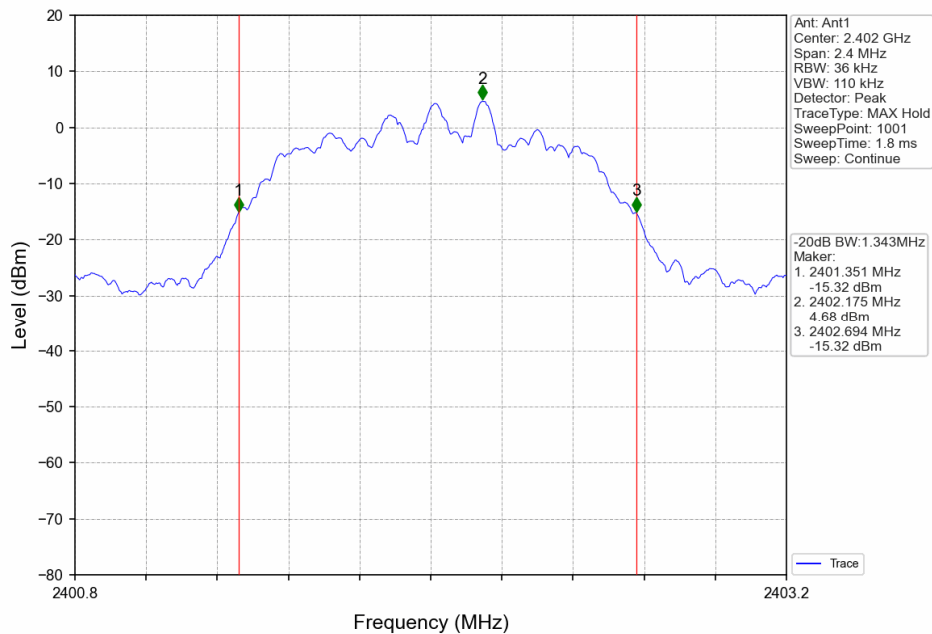
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GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV



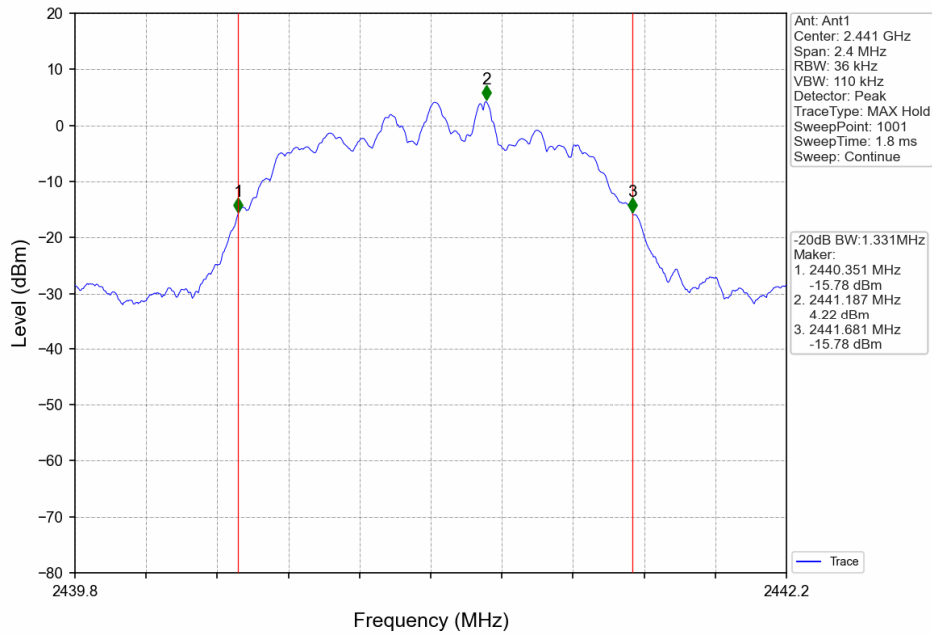
Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



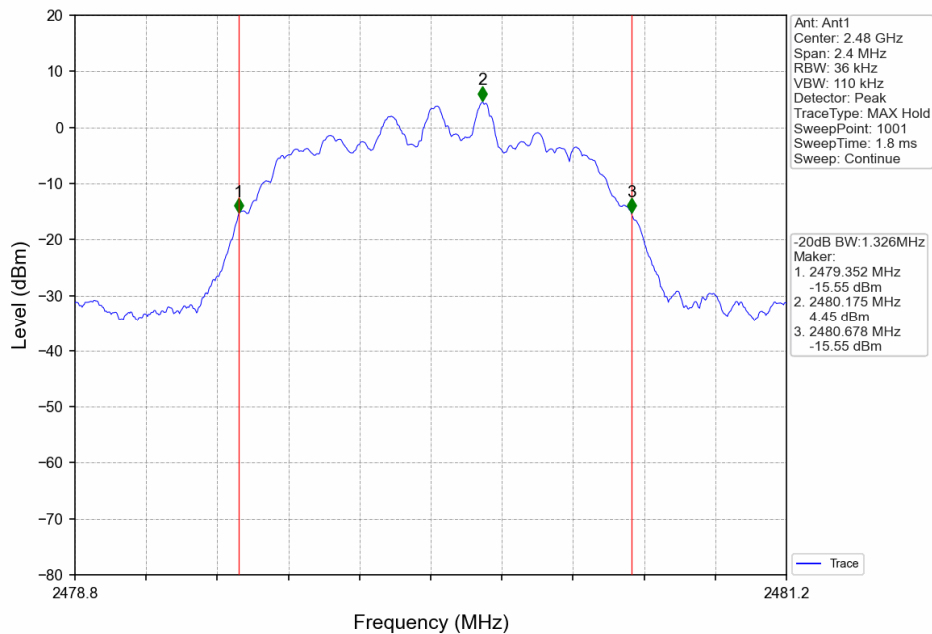
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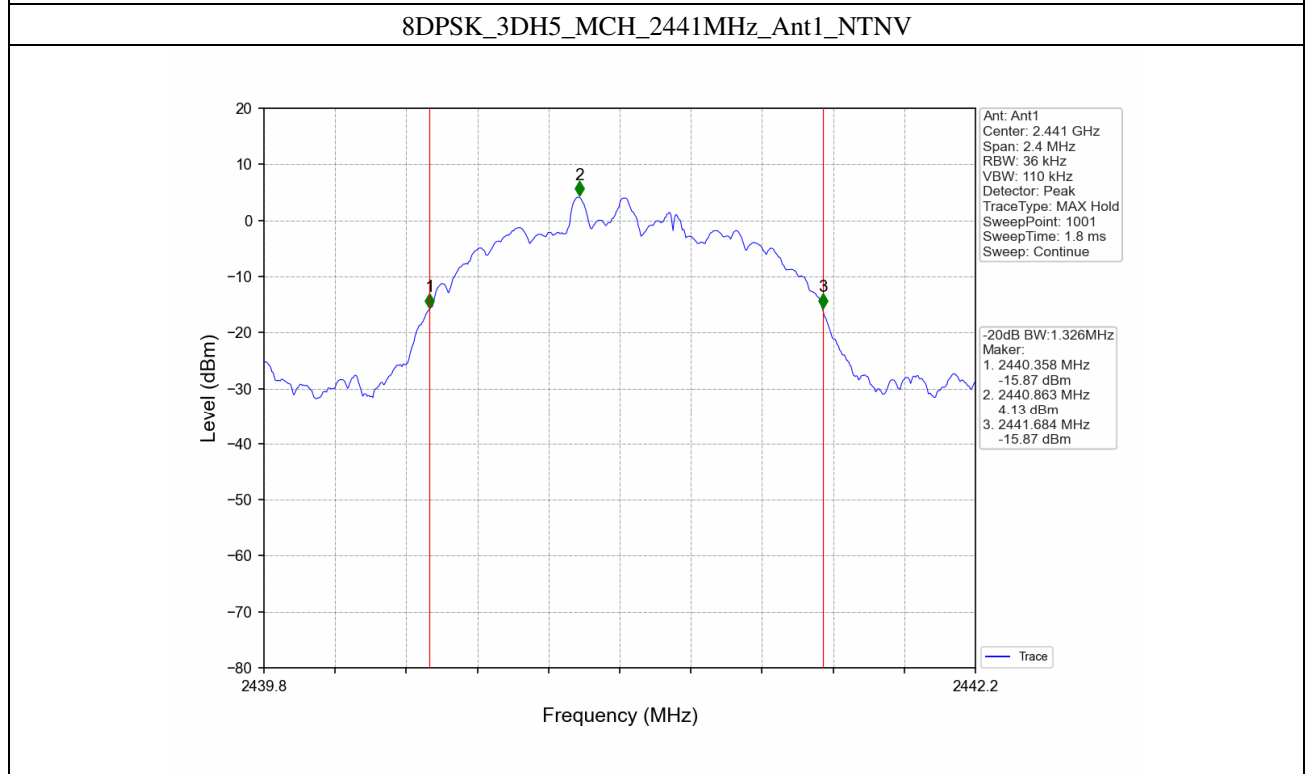
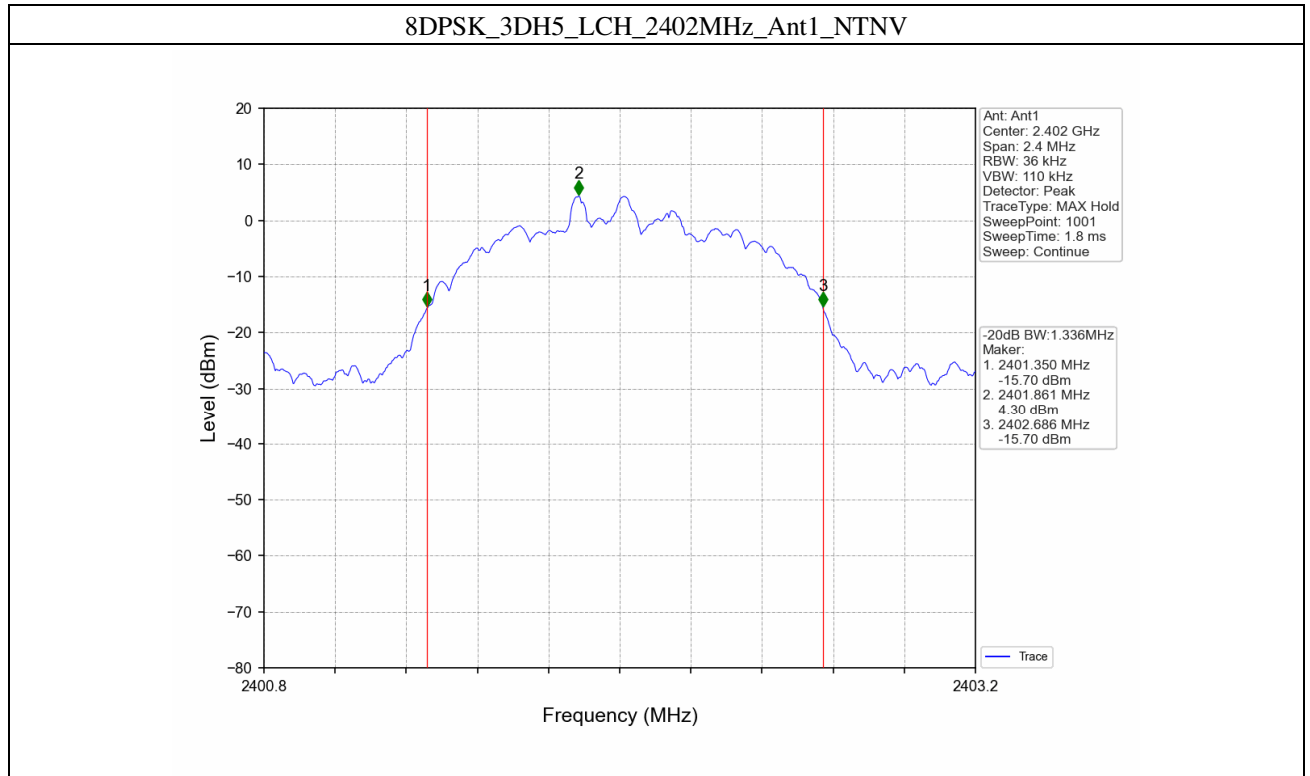
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



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



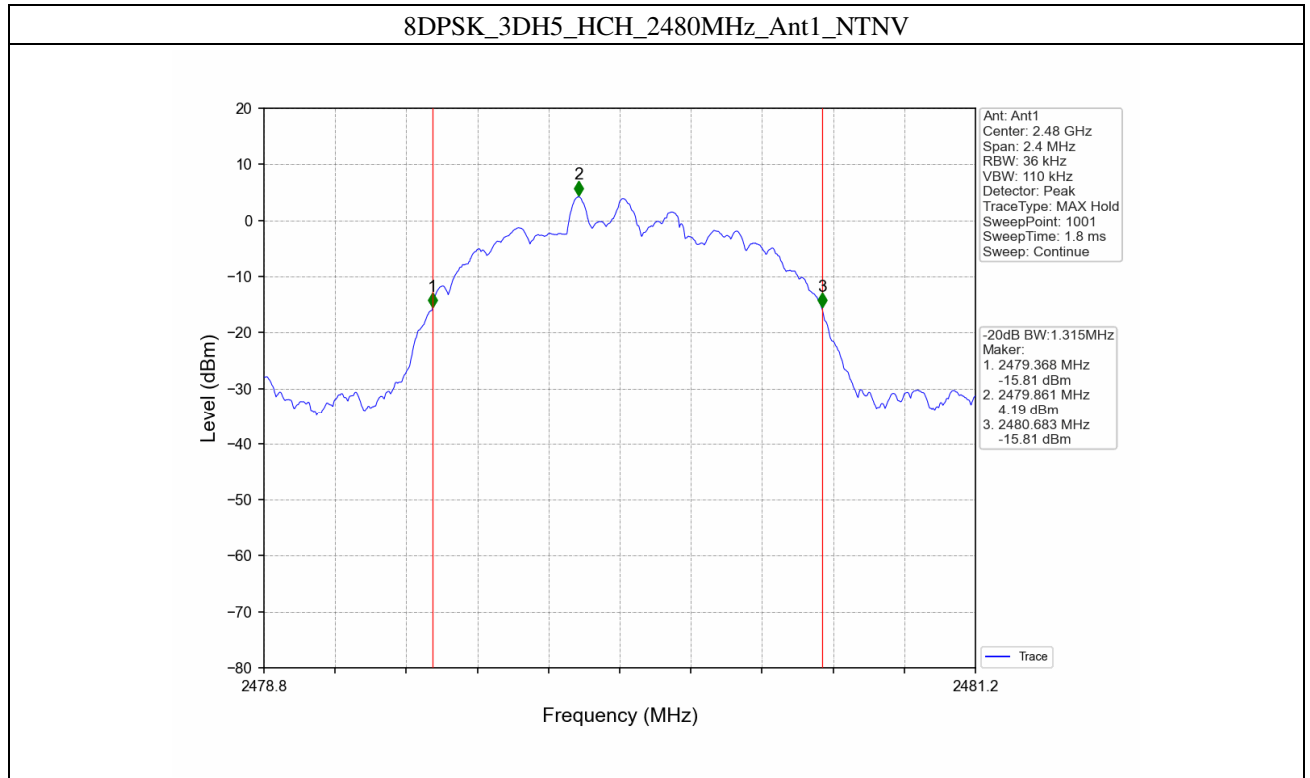
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## 2. Maximum Conducted Output Power

### 2.1 Power

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				Ant1	Limit	
GFSK	SISO	2402	DH5	6.27	<=20.97	Pass
		2441	DH5	6.05	<=20.97	Pass
		2480	DH5	6.08	<=20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	6.54	<=20.97	Pass
		2441	2DH5	6.39	<=20.97	Pass
		2480	2DH5	6.56	<=20.97	Pass
8DPSK	SISO	2402	3DH5	6.62	<=20.97	Pass
		2441	3DH5	6.51	<=20.97	Pass
		2480	3DH5	6.72	<=20.97	Pass

Note1: Antenna Gain: Ant1: 1.8dBi;



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### 3. Carrier Frequency Separation

#### 3.1 Ant1

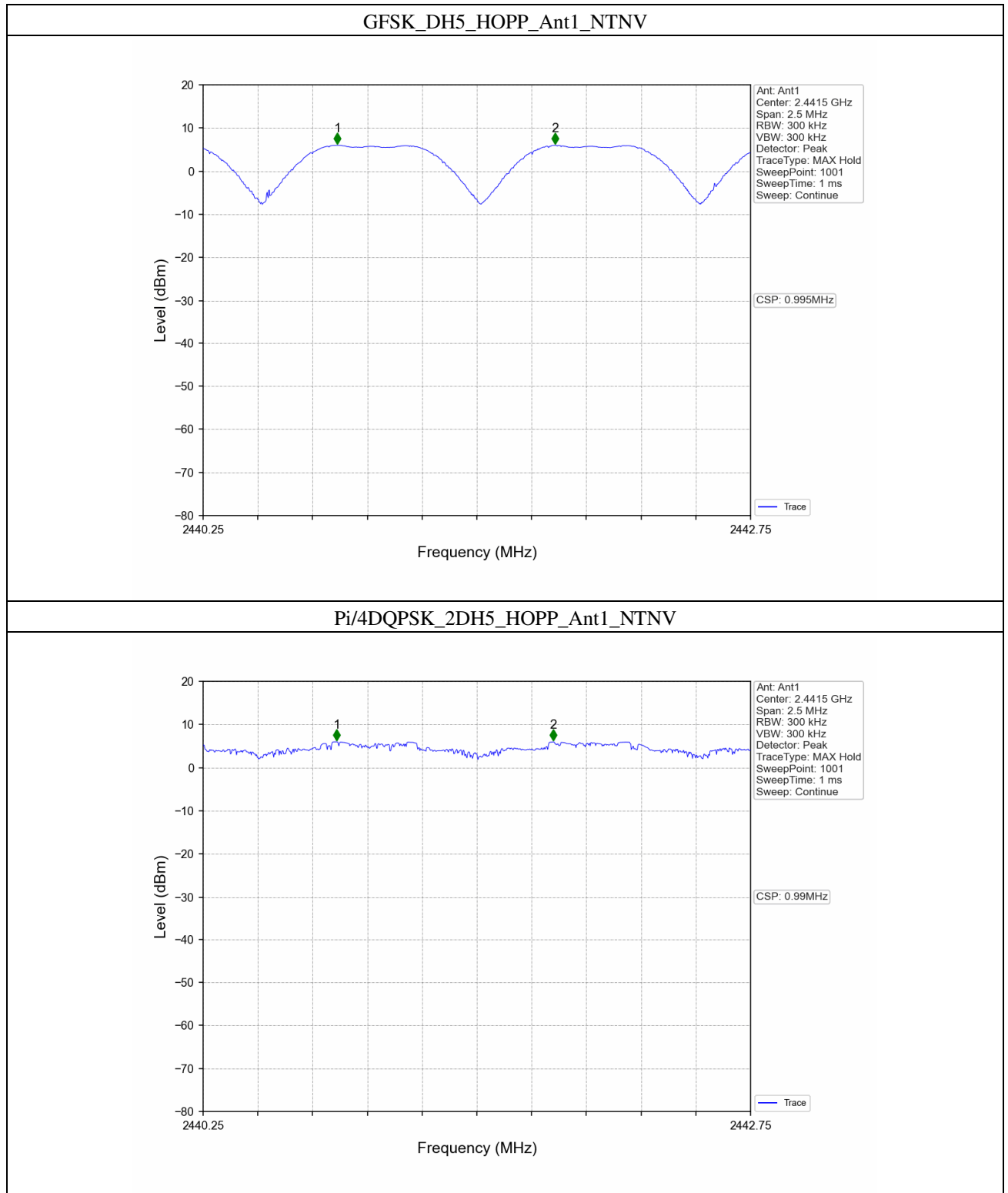
##### 3.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.995	0.956	$\geq 0.956$	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.990	1.343	$\geq 0.895$	Pass
8DPSK	SISO	HOPP	3DH5	0.992	1.336	$\geq 0.891$	Pass



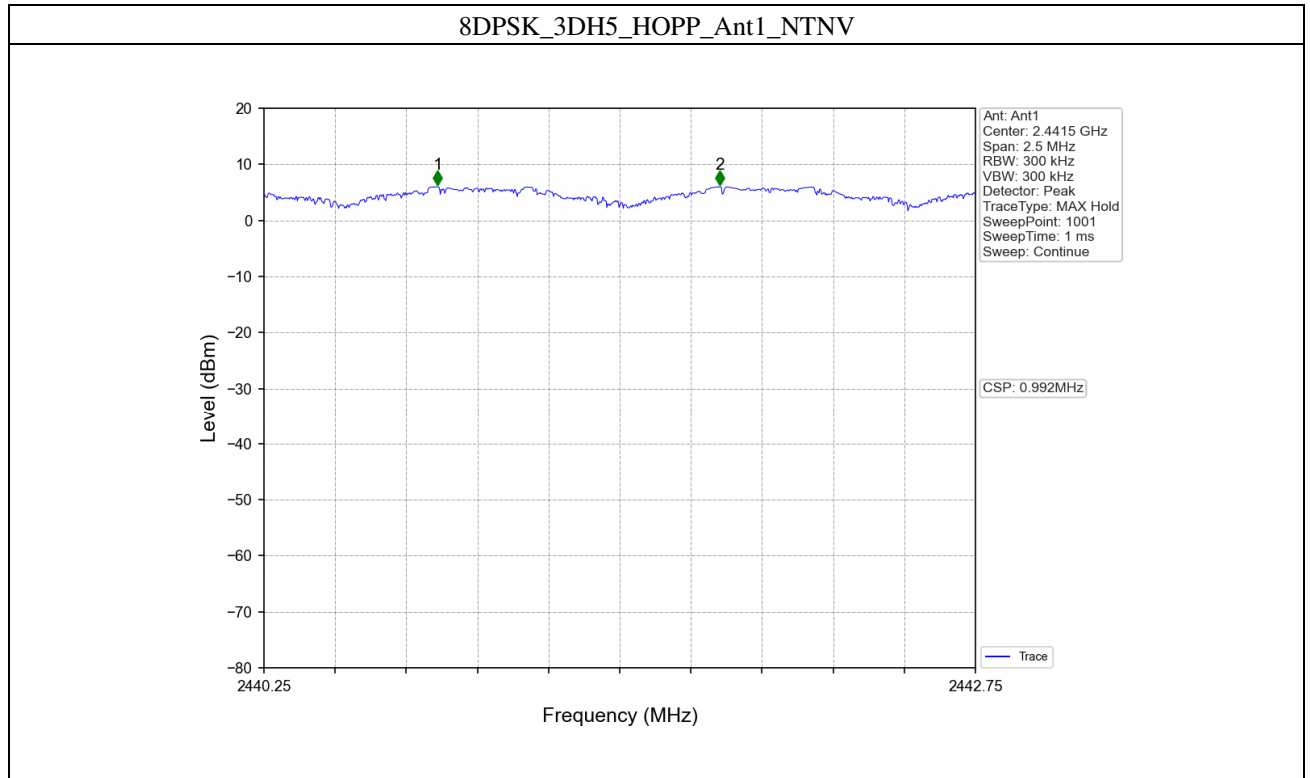
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### 3.1.2 Test Graph



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## 4. Number of Hopping Frequencies

### 4.1 HoppNum

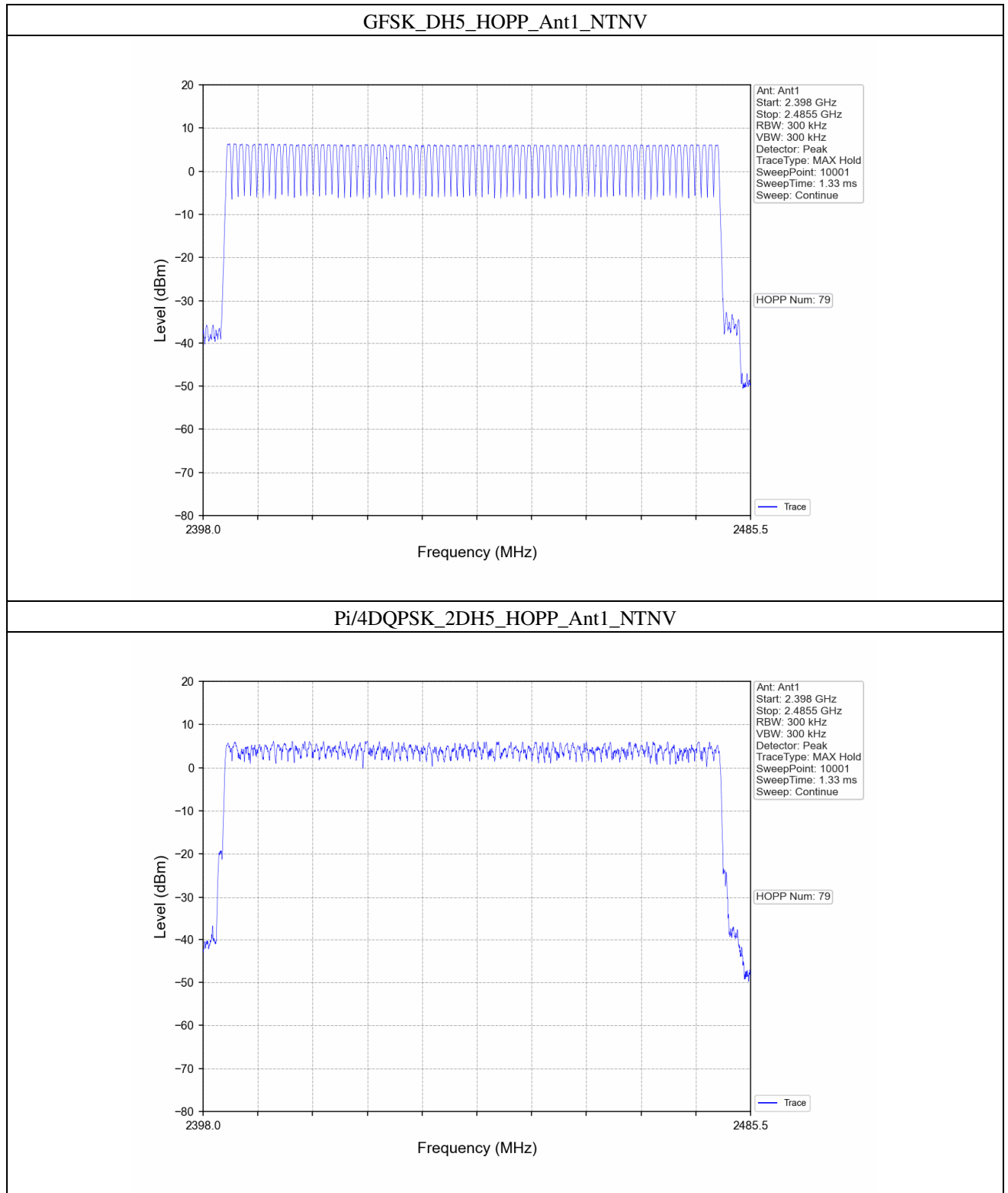
#### 4.1.1 Test Result

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
8DPSK	SISO	HOPP	3DH5	79	>=15	Pass



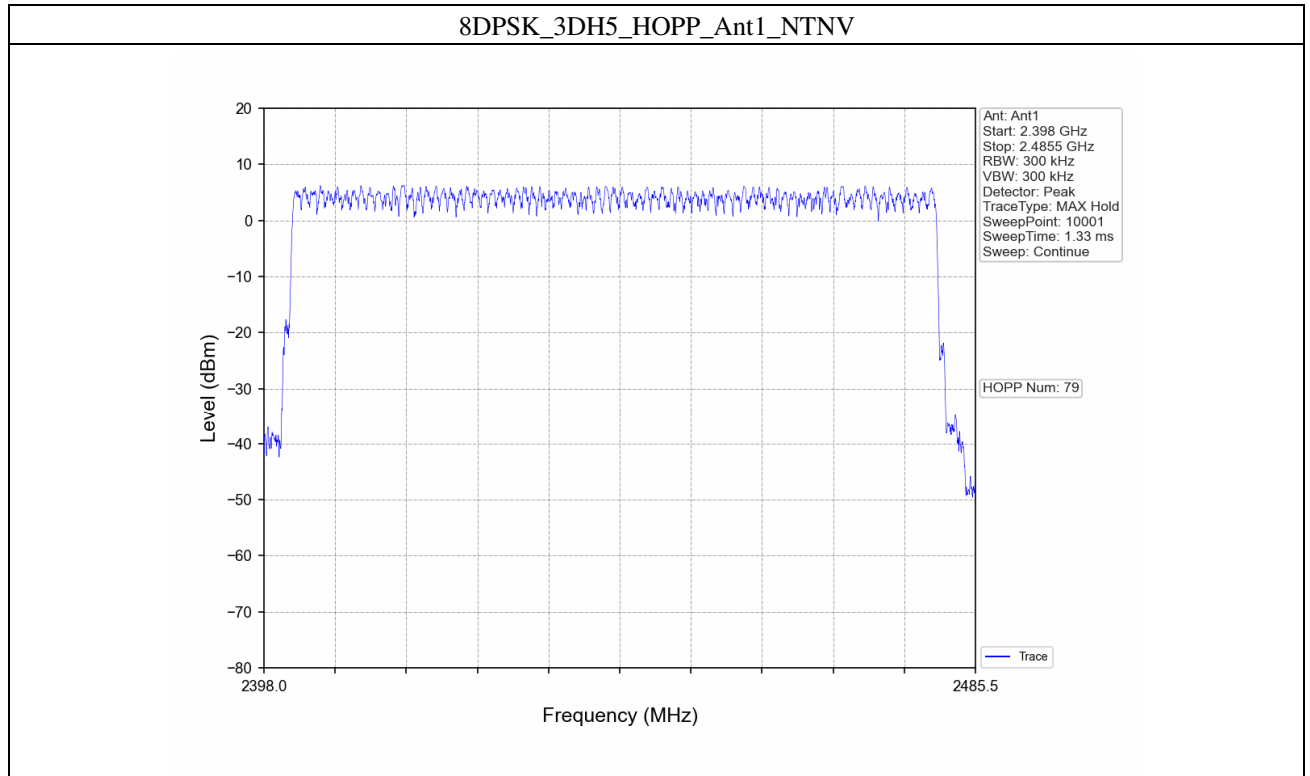
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### 4.1.2 Test Graph



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## 5. Time of Occupancy (Dwell Time)

### 5.1 Ant1

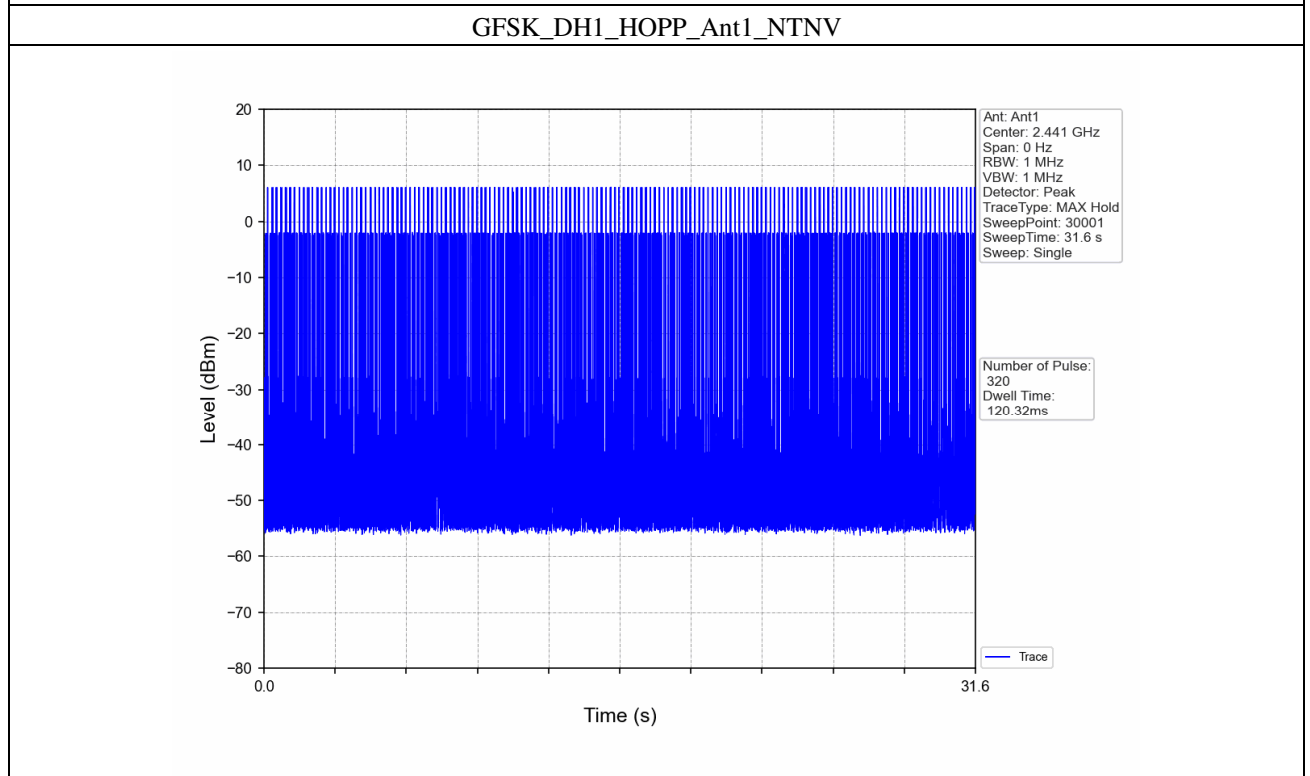
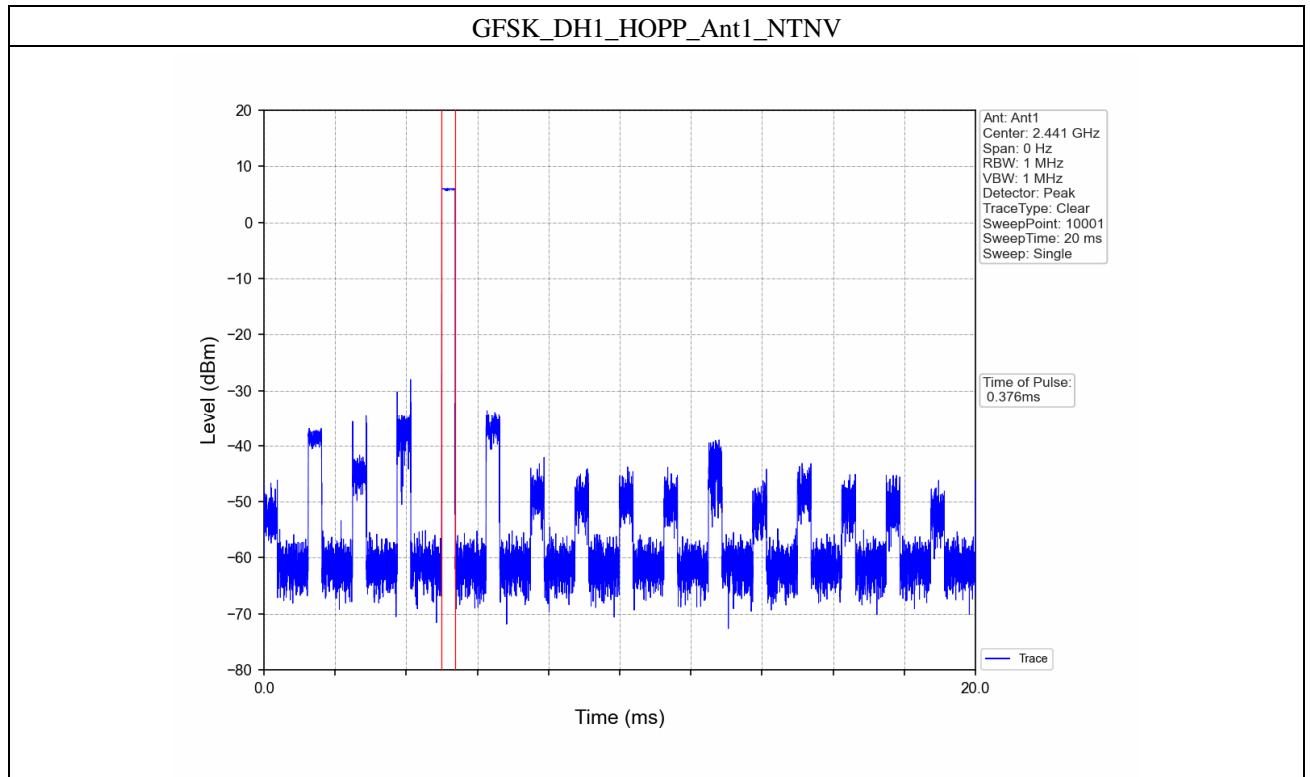
#### 5.1.1 Test Result

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	0.376	31.600	320	120.320	<=400	Pass
			DH3	1.632	31.600	157	256.224	<=400	Pass
			DH5	2.880	31.600	106	305.280	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH1	0.386	31.600	317	122.362	<=400	Pass
			2DH3	1.638	31.600	161	263.718	<=400	Pass
			2DH5	2.886	31.600	104	300.144	<=400	Pass
8DPSK	SISO	HOPP	3DH1	0.388	31.600	320	124.160	<=400	Pass
			3DH3	1.638	31.600	153	250.614	<=400	Pass
			3DH5	2.890	31.600	110	317.900	<=400	Pass

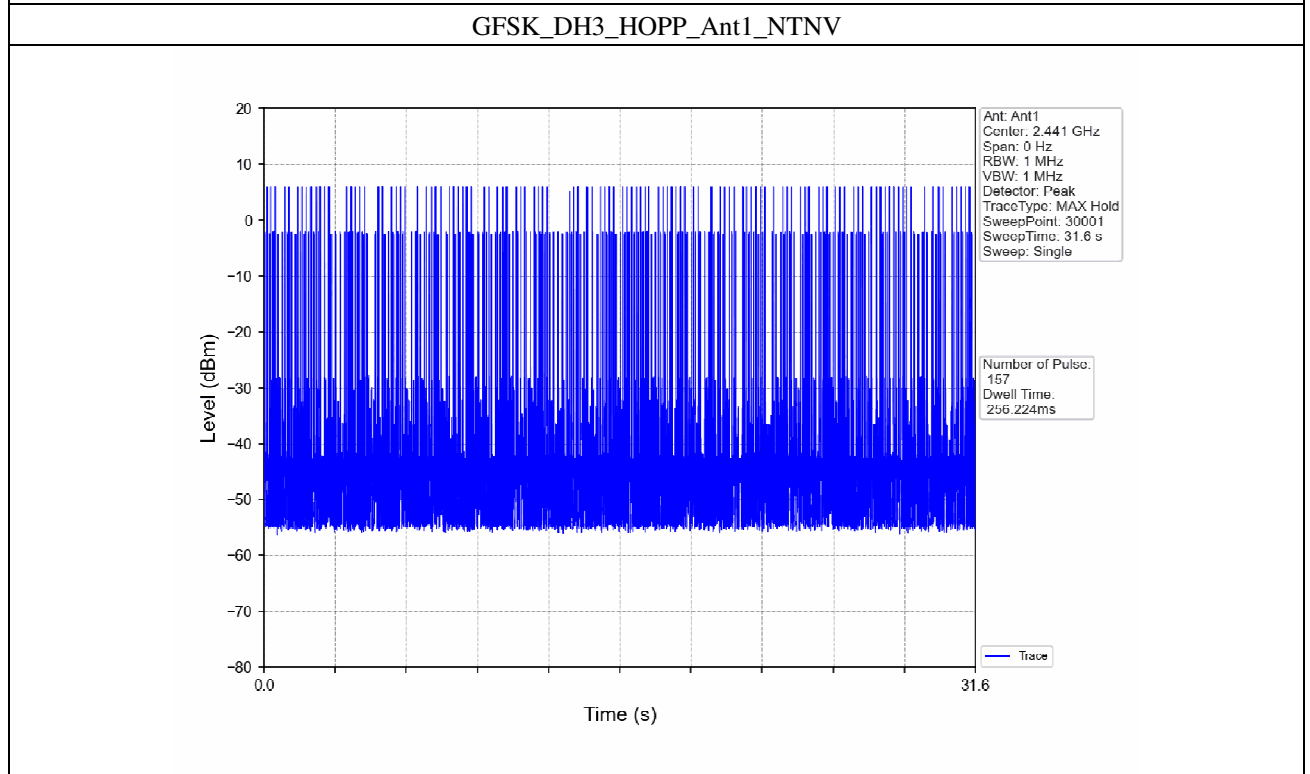
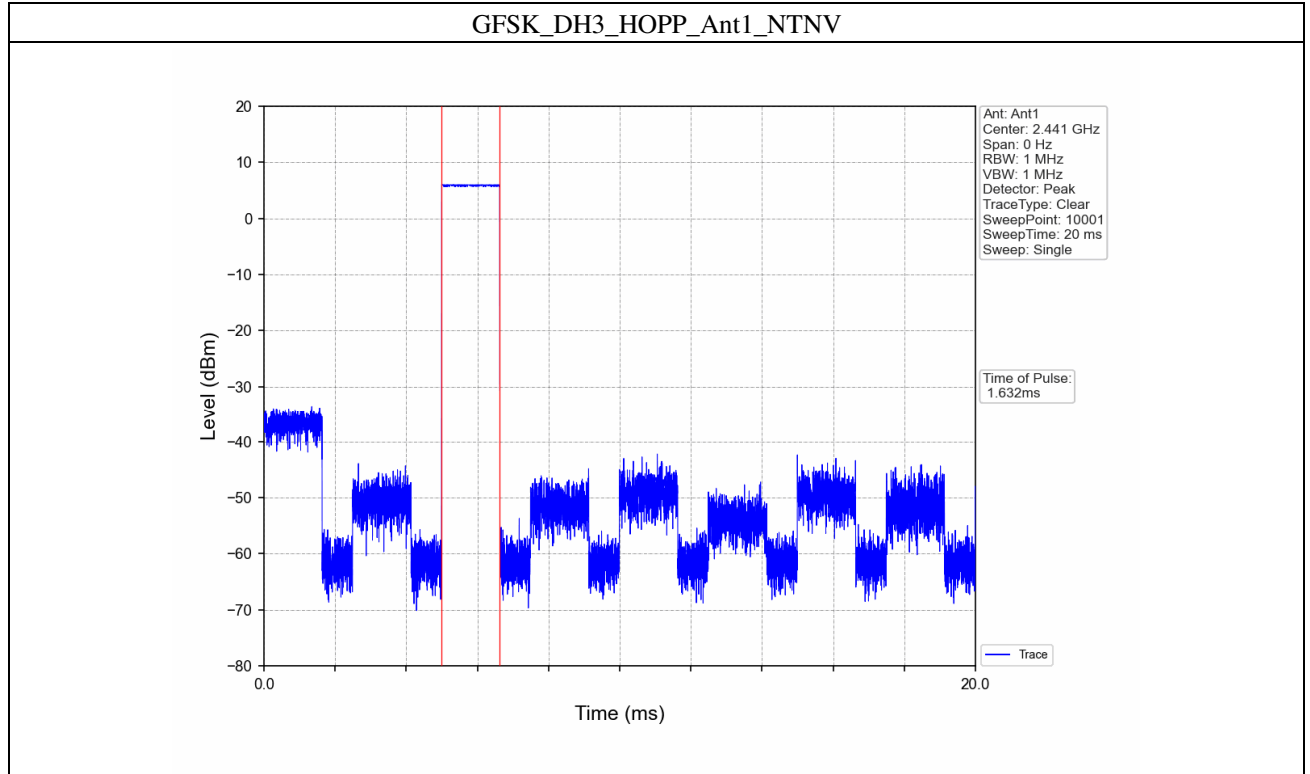


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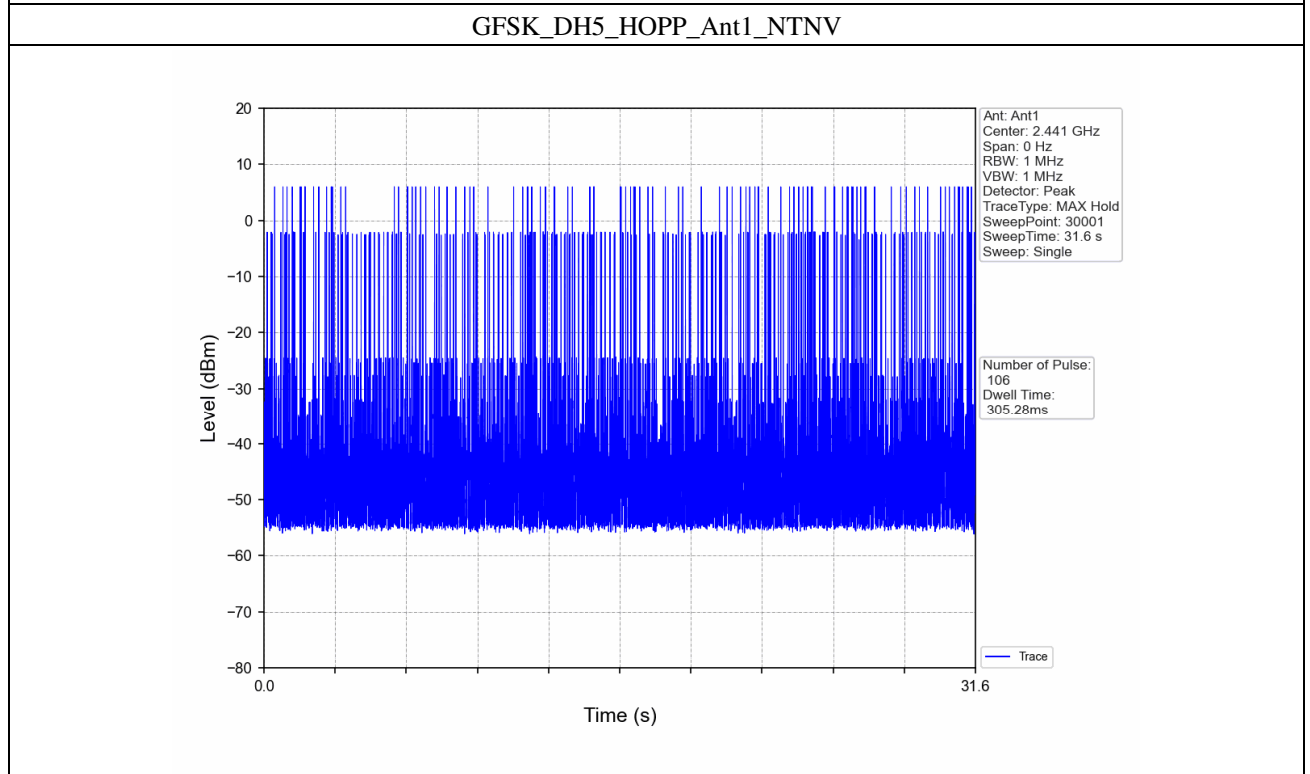
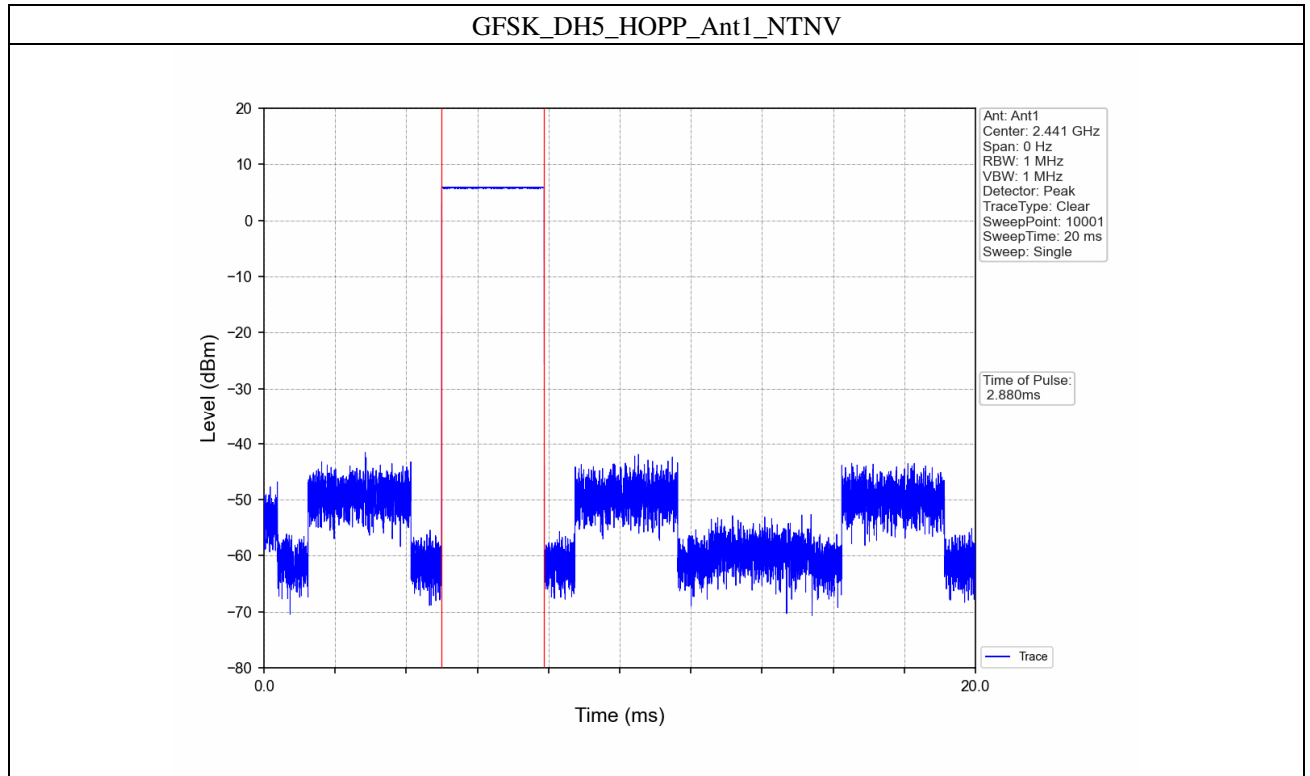
### 5.1.2 Test Graph



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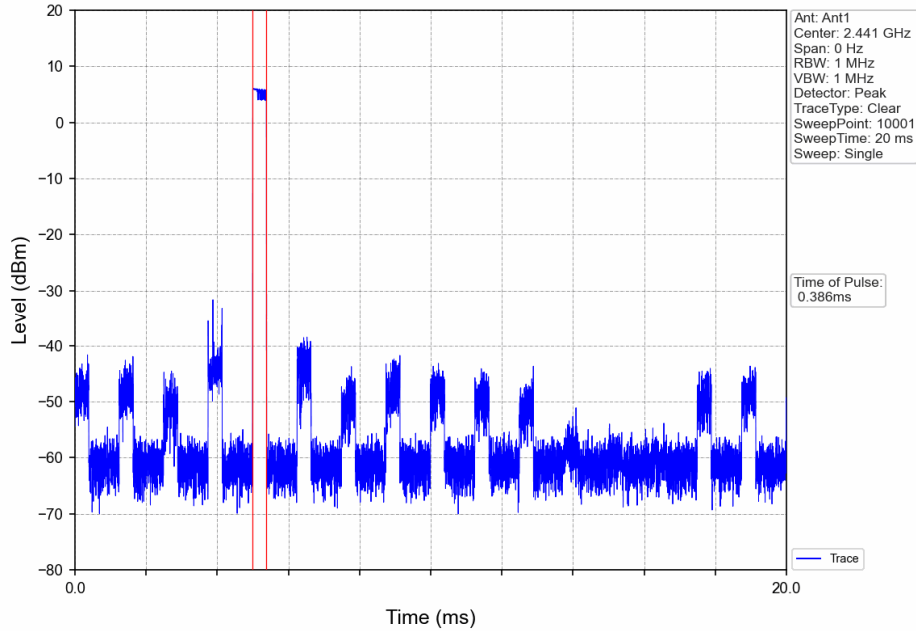
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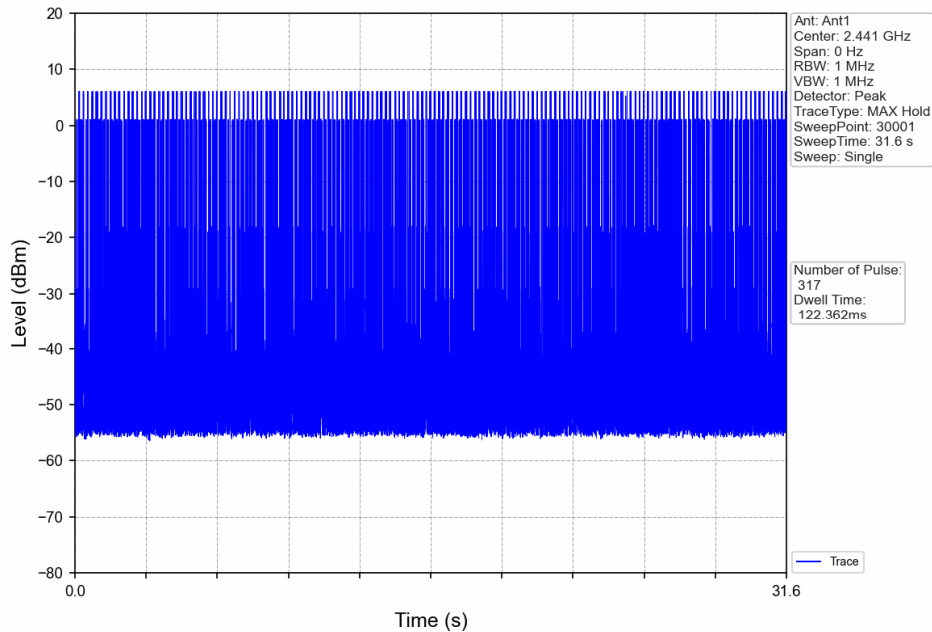
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Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



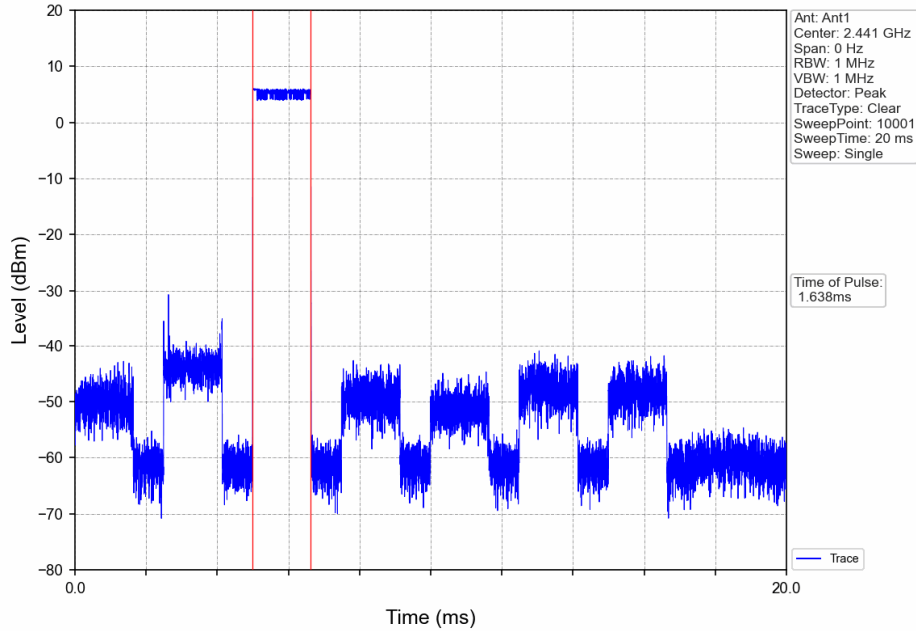
Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



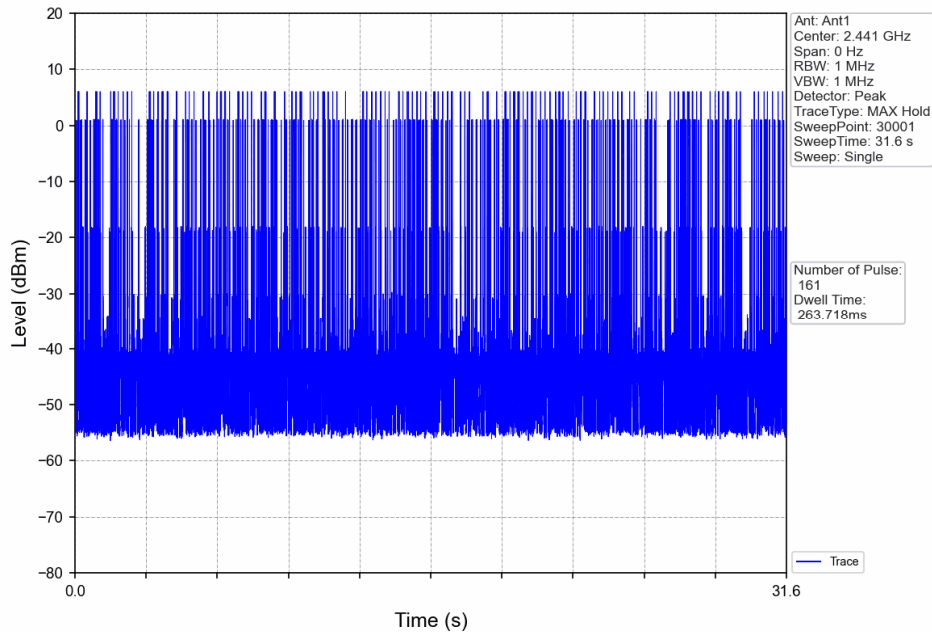
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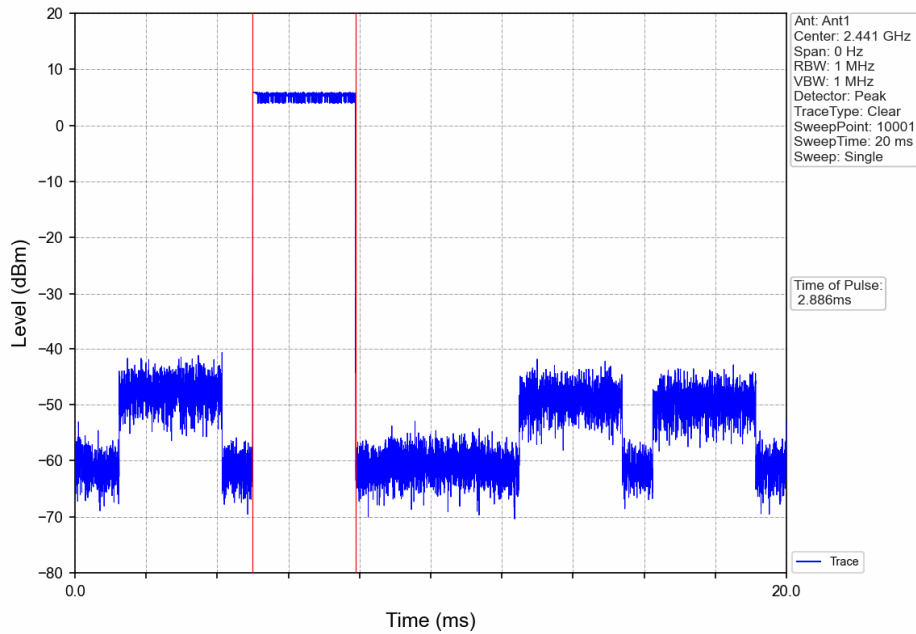
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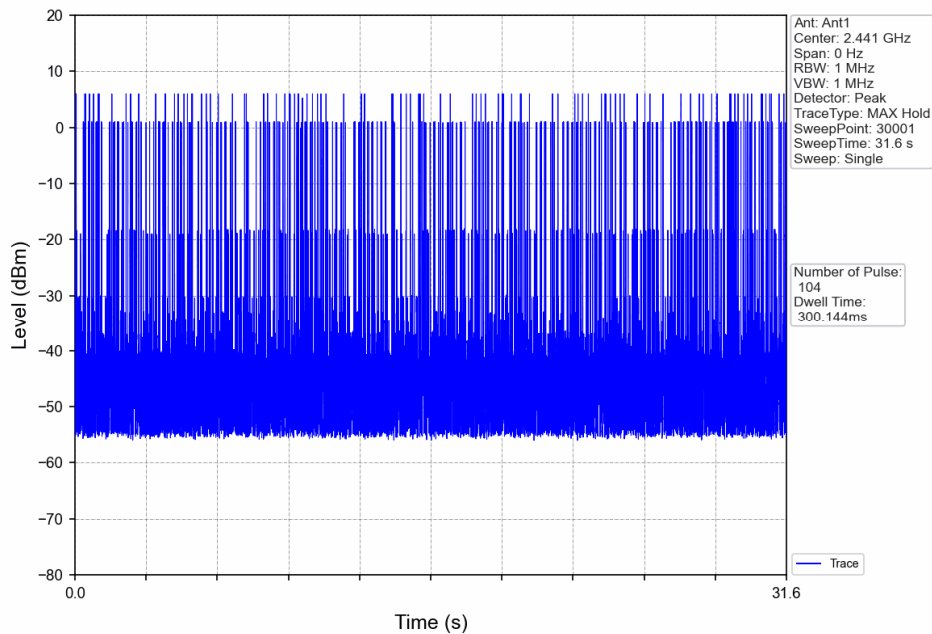
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Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV

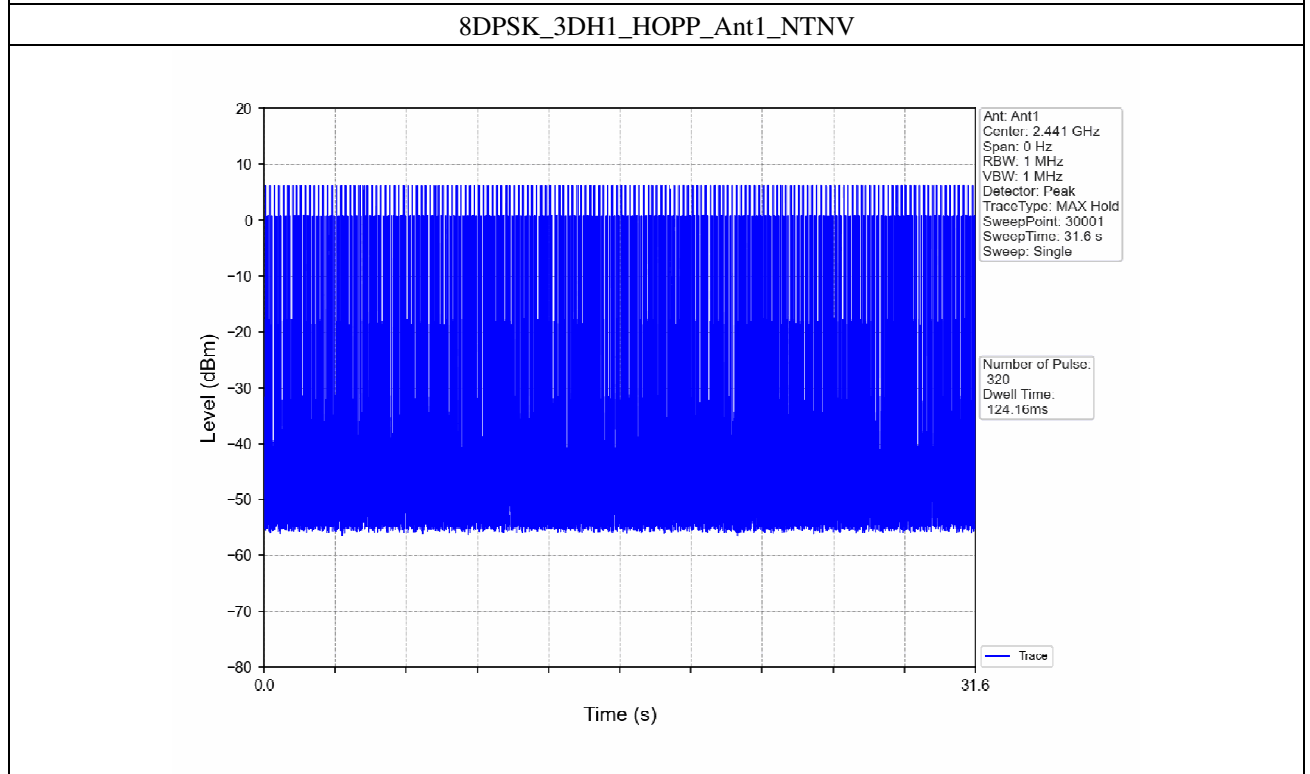
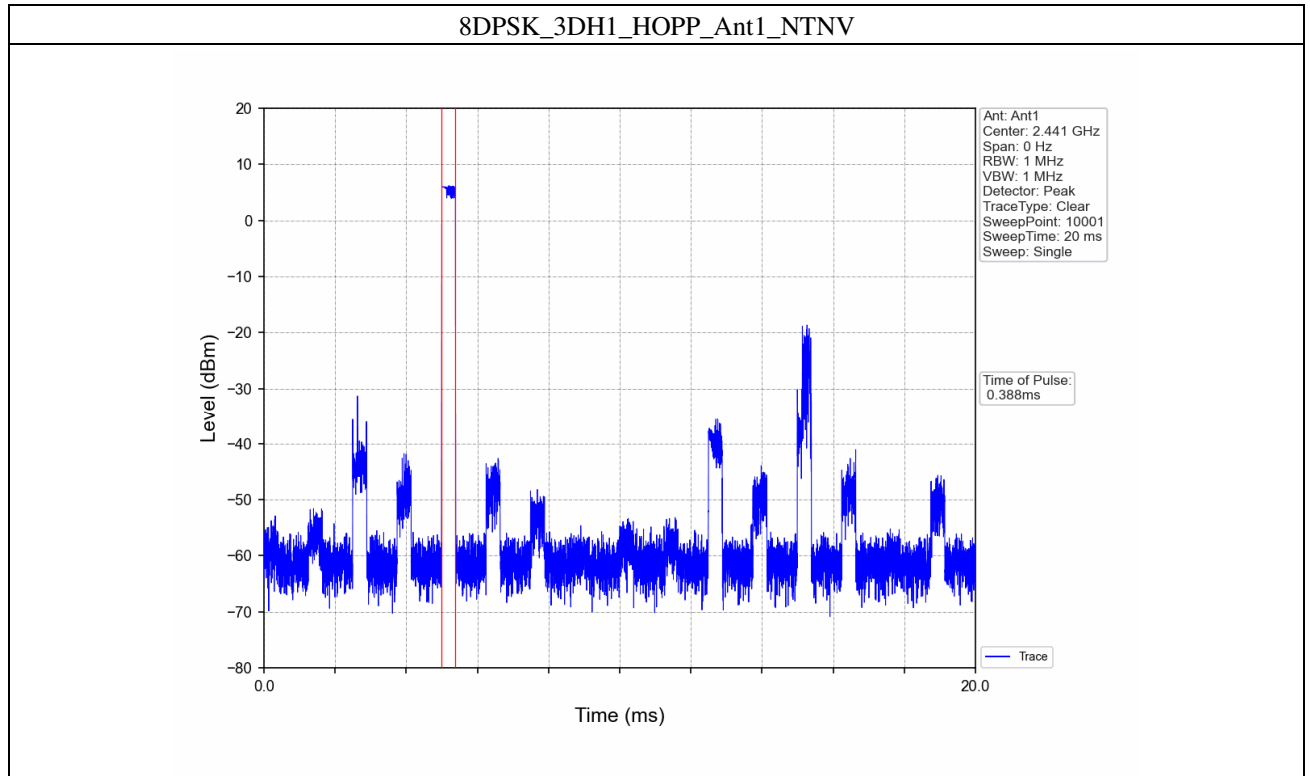


Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



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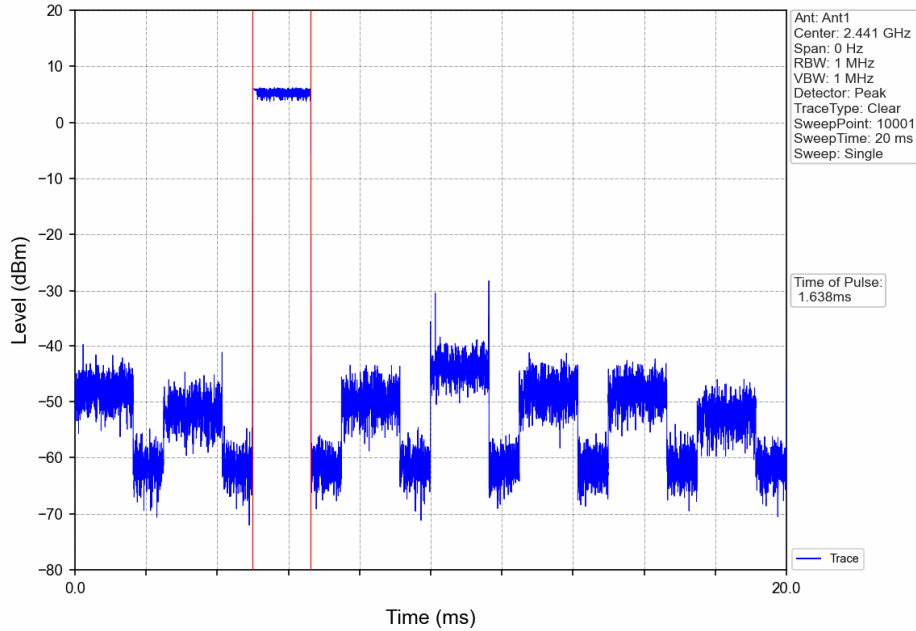
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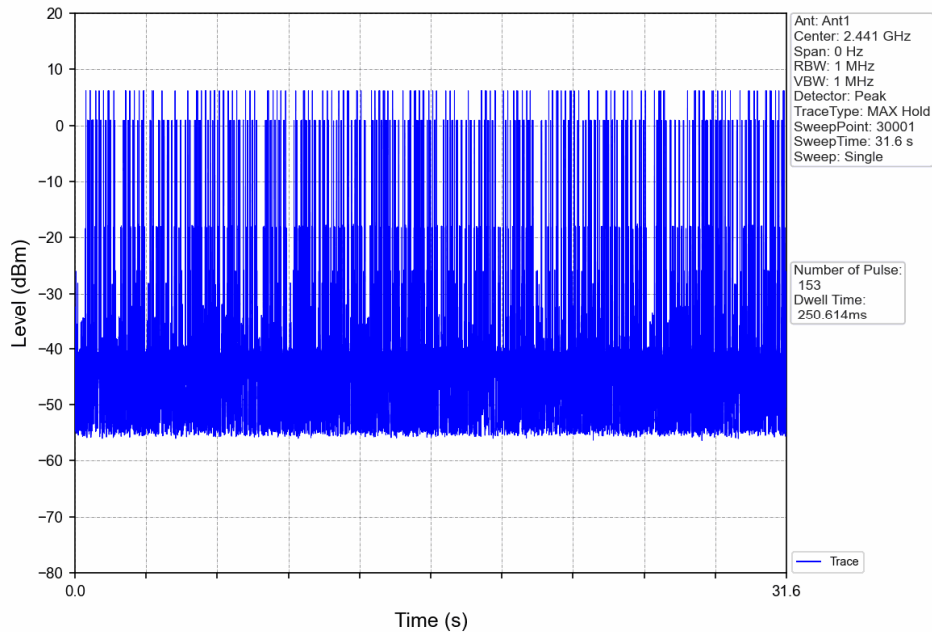
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### 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV

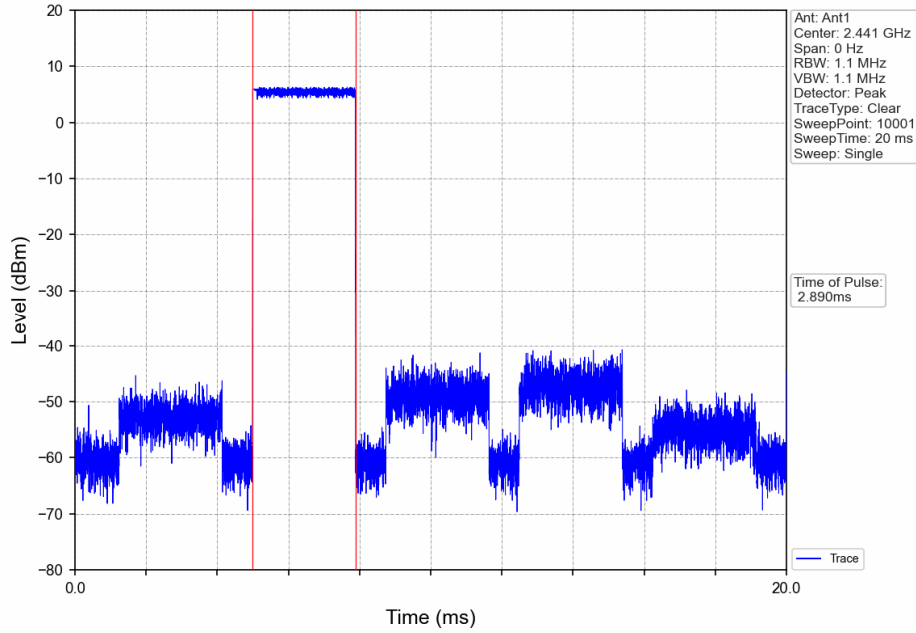


### 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV

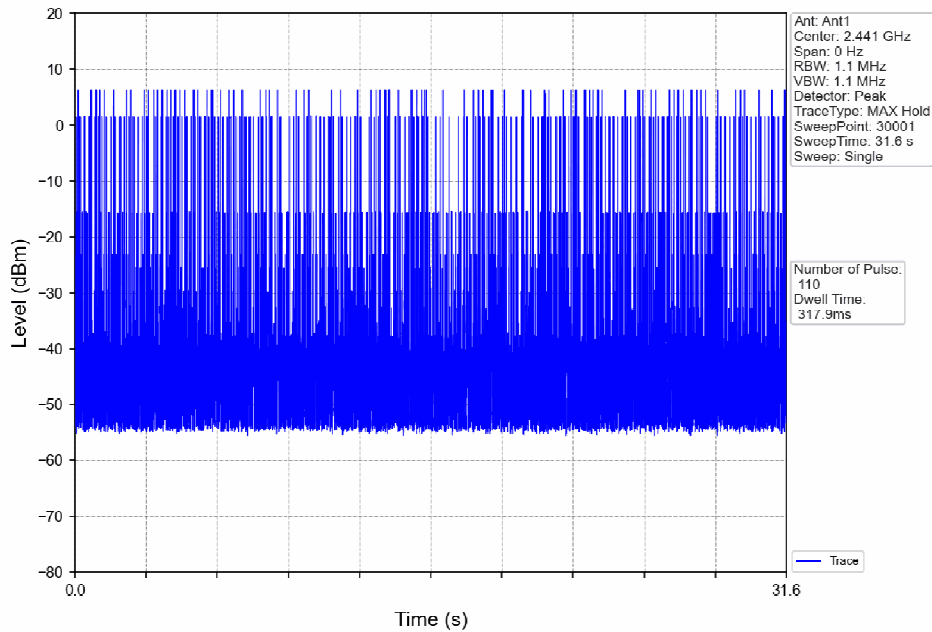


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### 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



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



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## 6. Unwanted Emissions In Non-restricted Frequency Bands

### 6.1 Ref

#### 6.1.1 Test Result

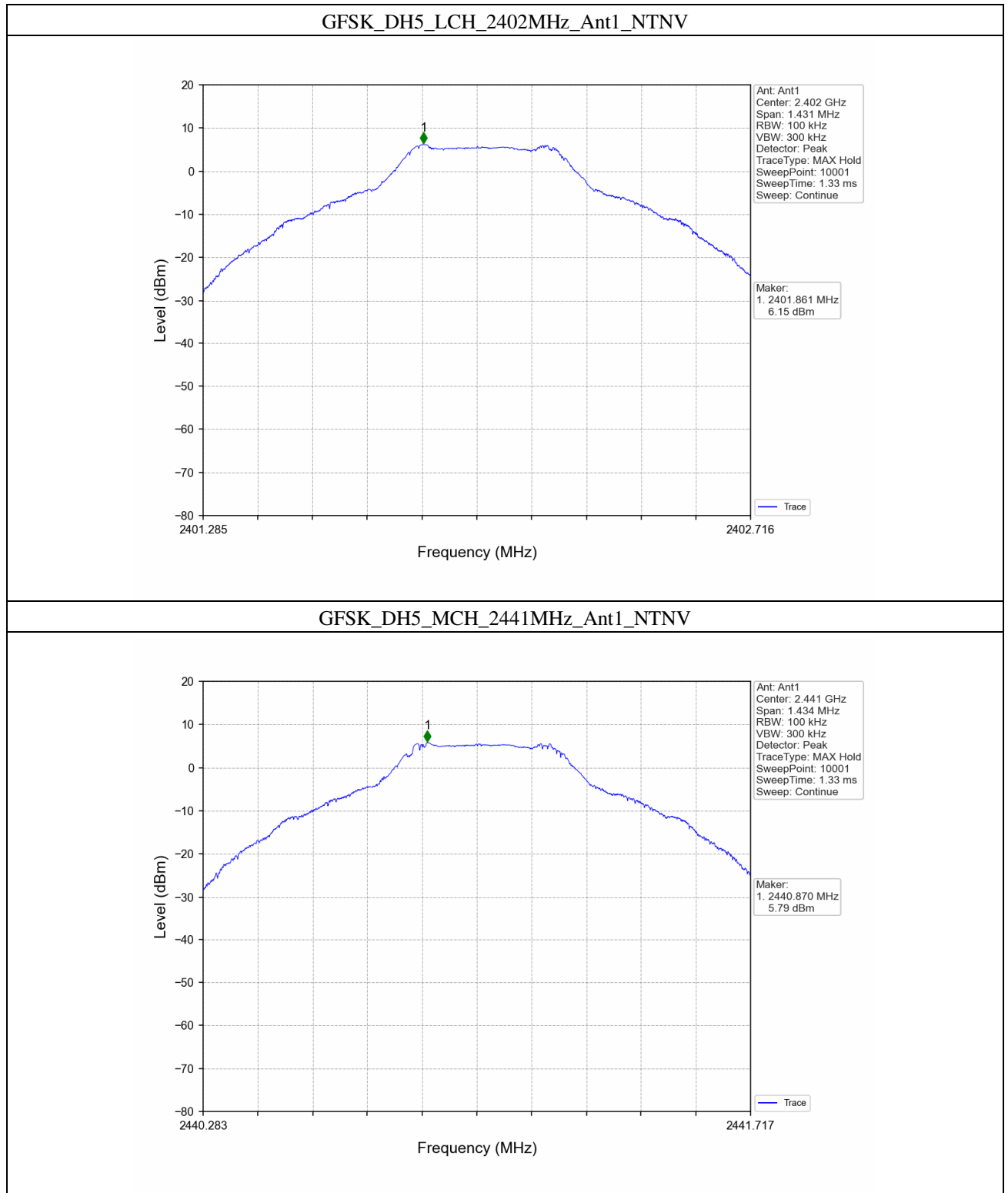
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	6.15
		2441	DH5	1	5.79
		2480	DH5	1	5.96
Pi/4DQPSK	SISO	2402	2DH5	1	6.07
		2441	2DH5	1	5.89
		2480	2DH5	1	5.91
8DPSK	SISO	2402	3DH5	1	6.15
		2441	3DH5	1	5.91
		2480	3DH5	1	5.97

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.



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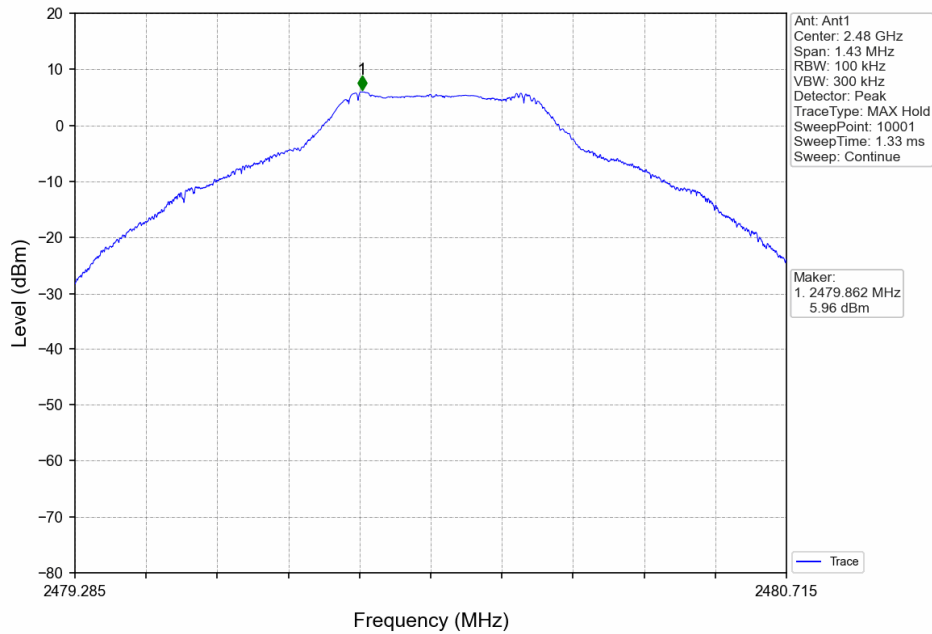
### 6.1.2 Test Graph



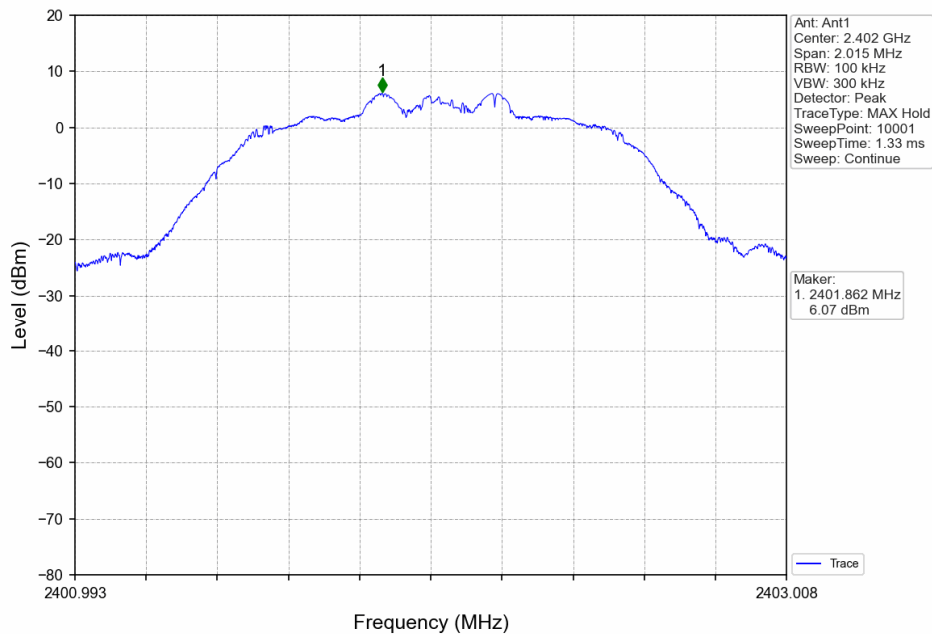
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GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV

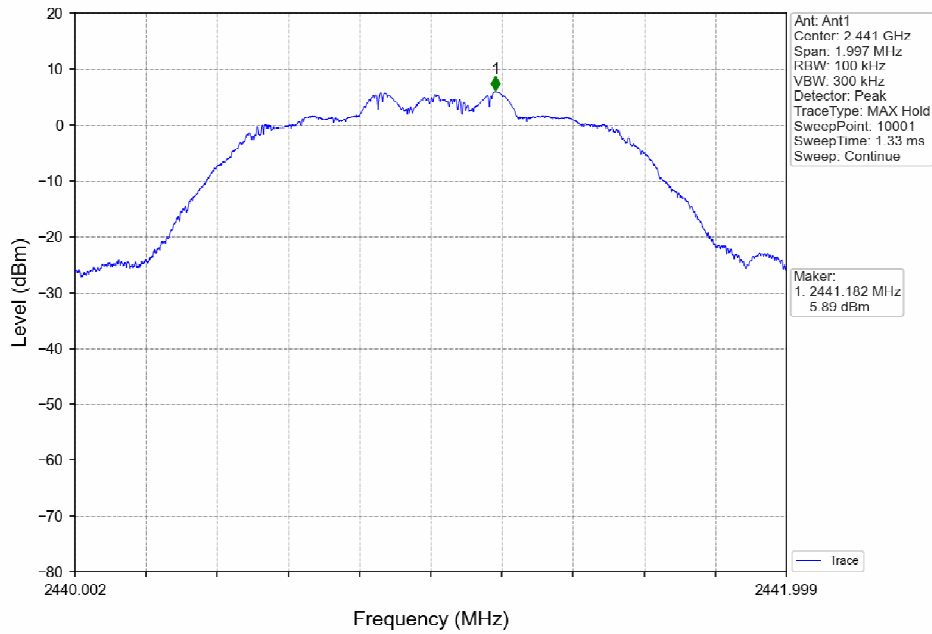


Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV

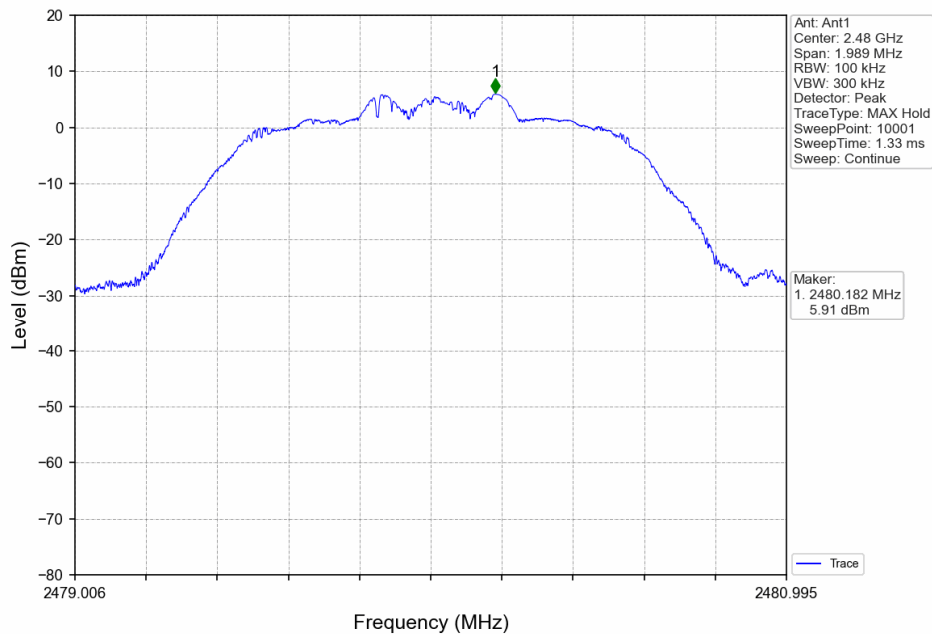


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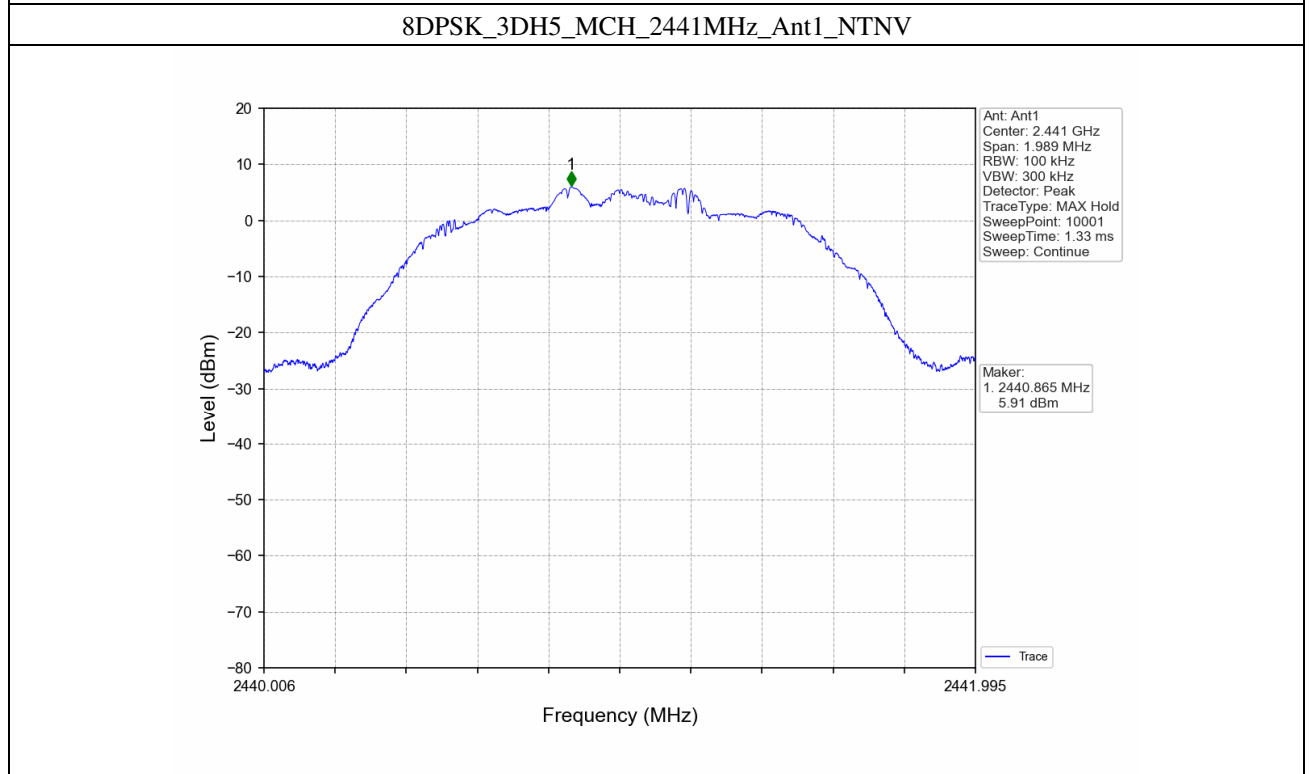
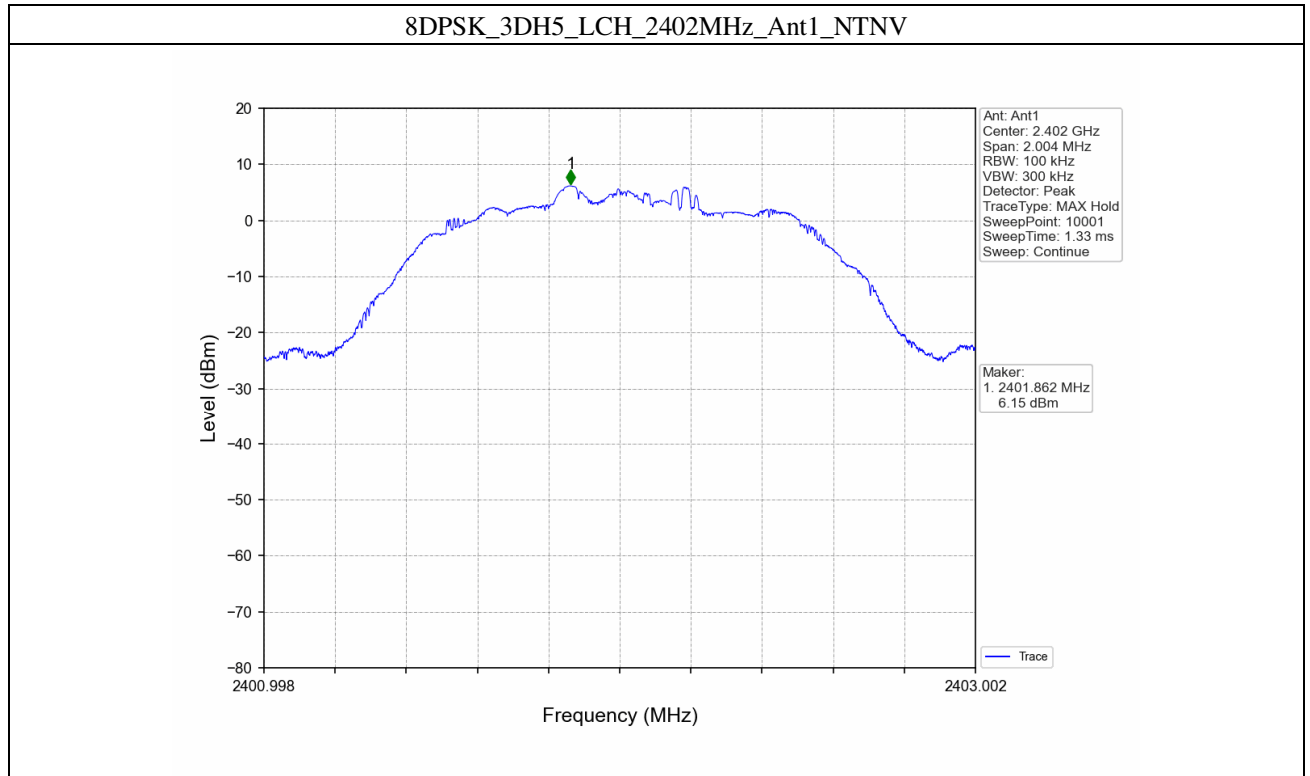
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



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

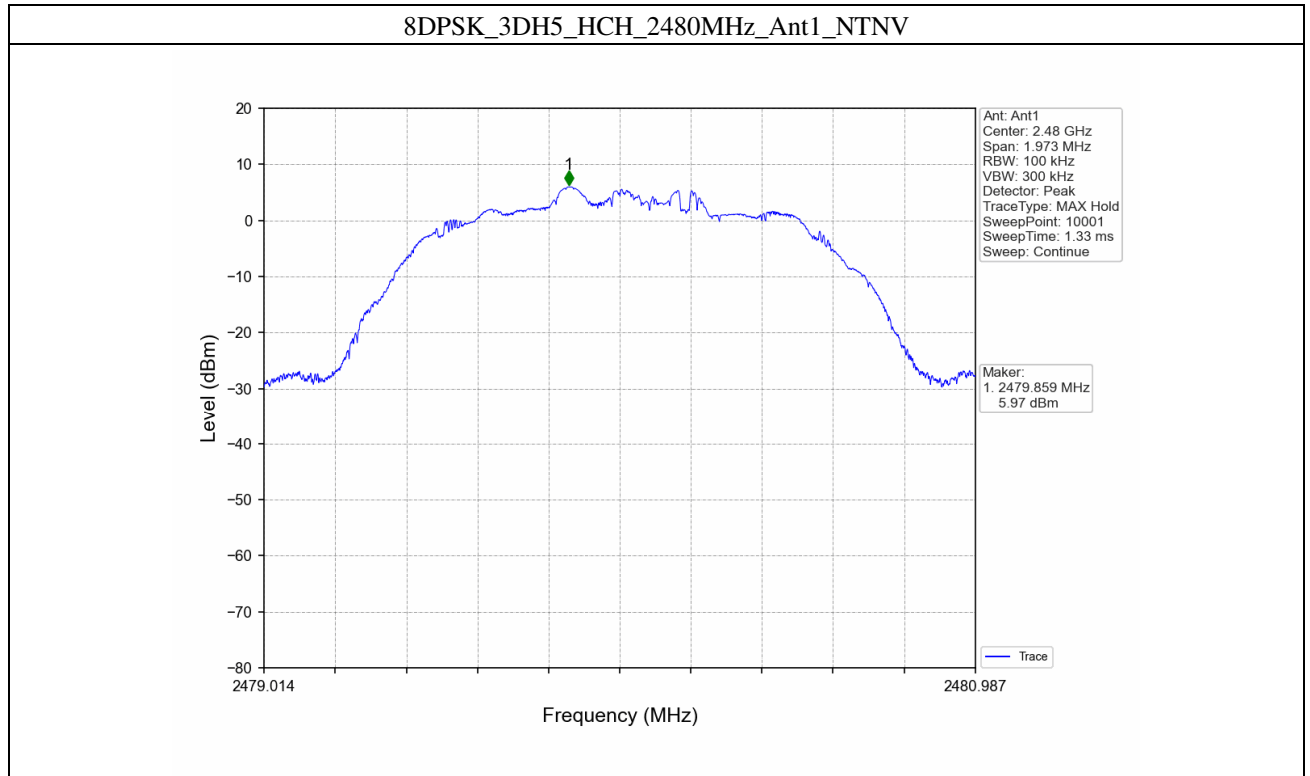


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## 6.2 CSE

### 6.2.1 Test Result

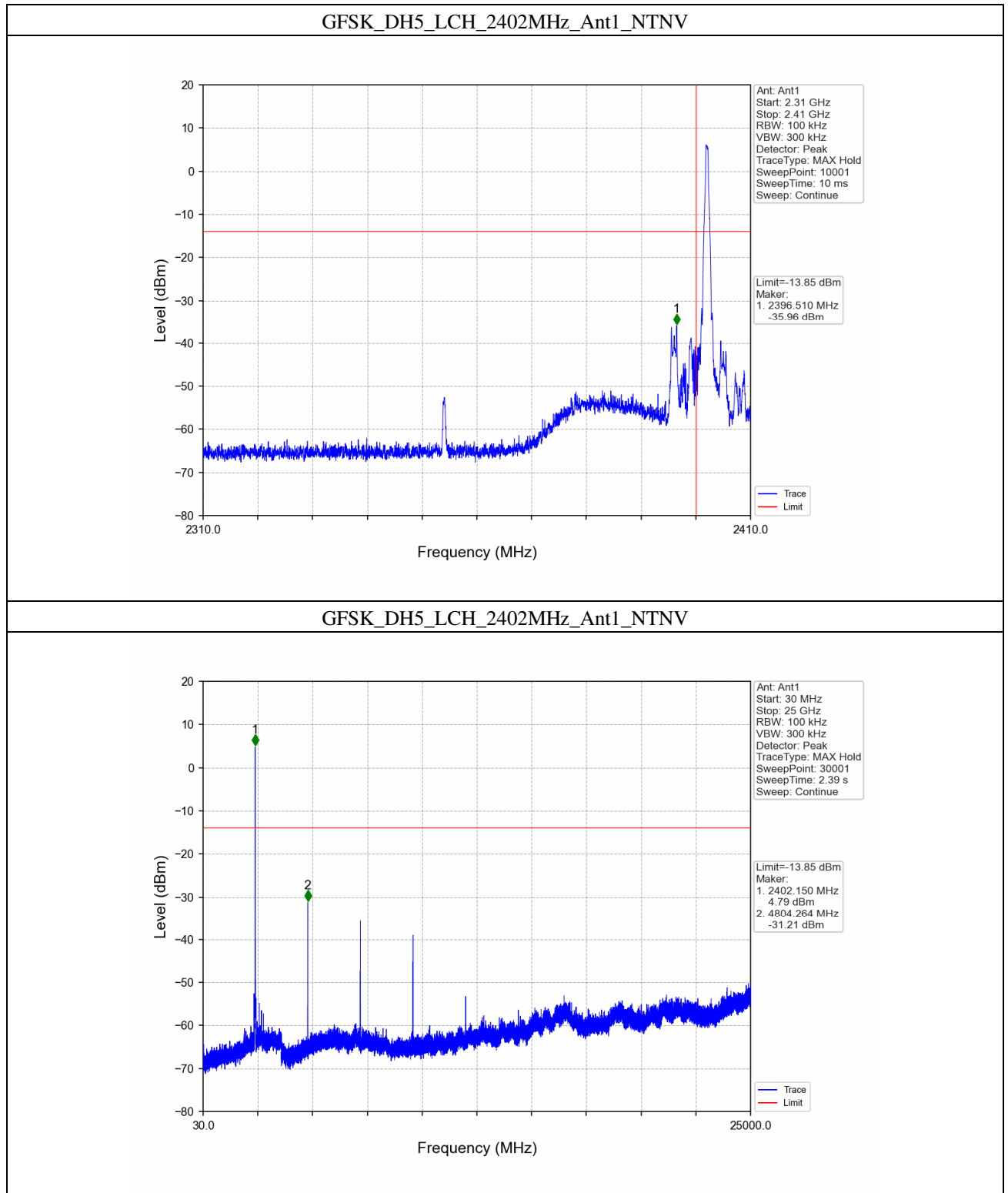
Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	6.15	-13.85	Pass
		2441	DH5	1	6.15	-13.85	Pass
		2480	DH5	1	6.15	-13.85	Pass
		HOPP	DH5	1	6.15	-13.85	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	6.07	-13.93	Pass
		2441	2DH5	1	6.07	-13.93	Pass
		2480	2DH5	1	6.07	-13.93	Pass
		HOPP	2DH5	1	6.07	-13.93	Pass
8DPSK	SISO	2402	3DH5	1	6.15	-13.85	Pass
		2441	3DH5	1	6.15	-13.85	Pass
		2480	3DH5	1	6.15	-13.85	Pass
		HOPP	3DH5	1	6.15	-13.85	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.



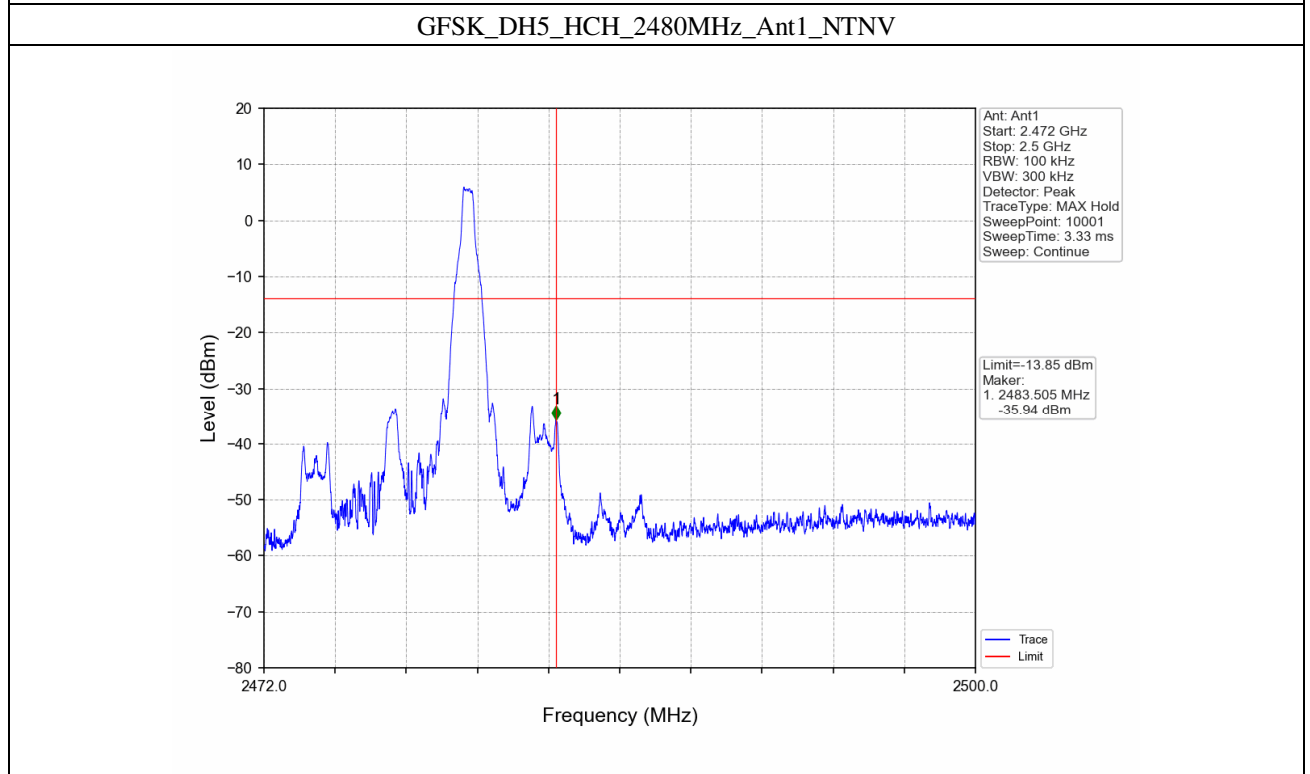
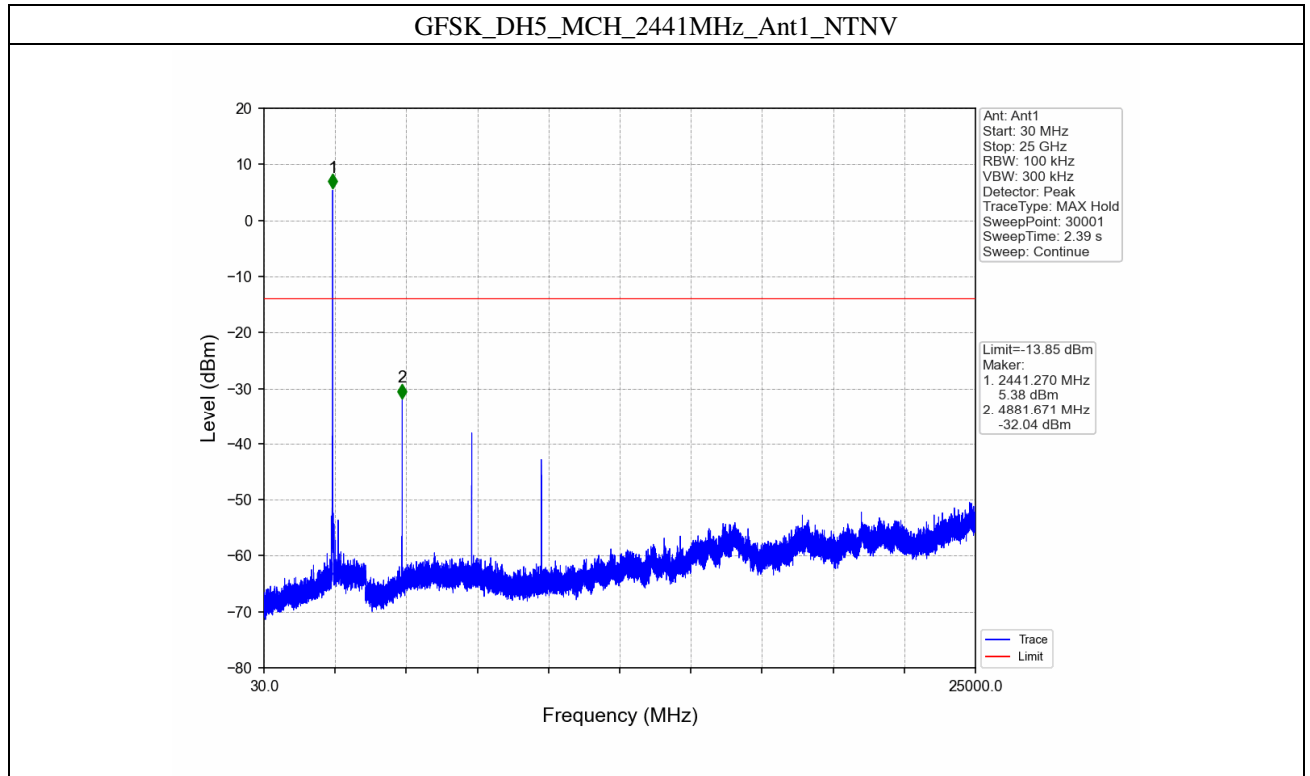
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### 6.2.2 Test Graph



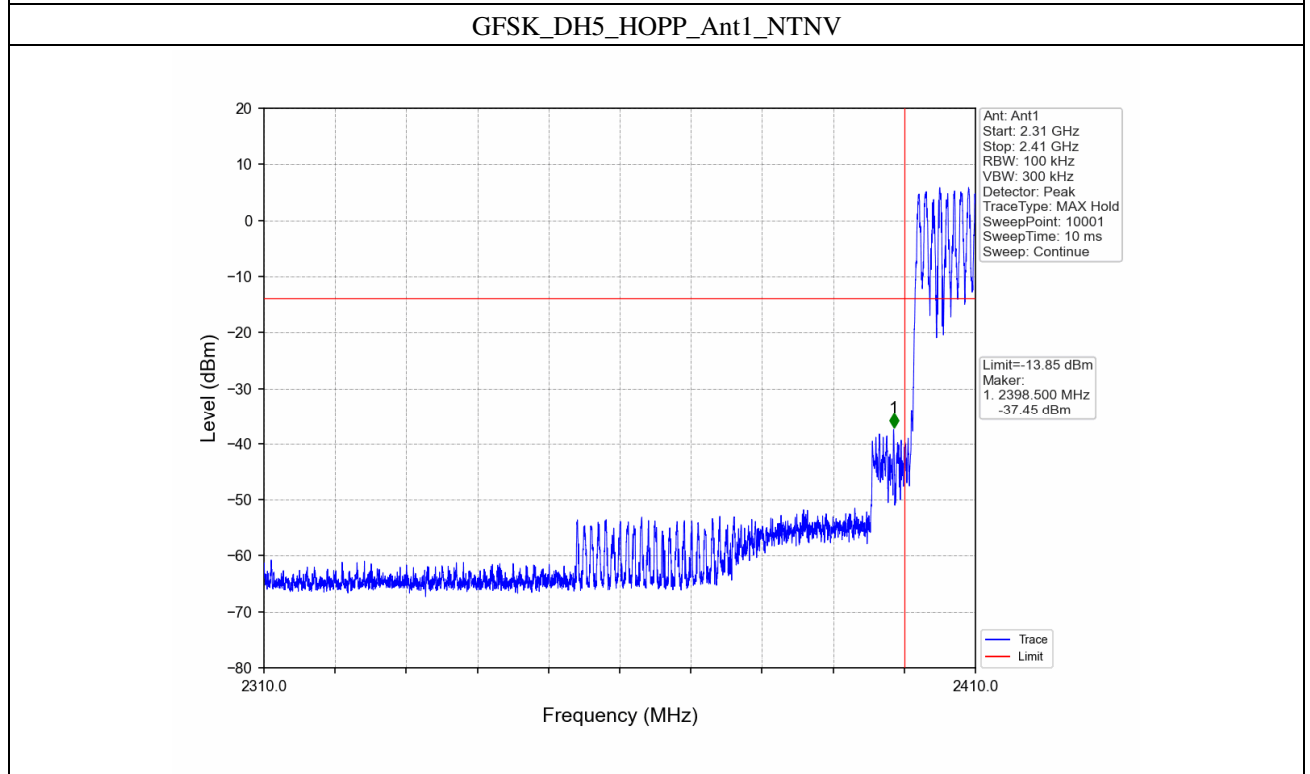
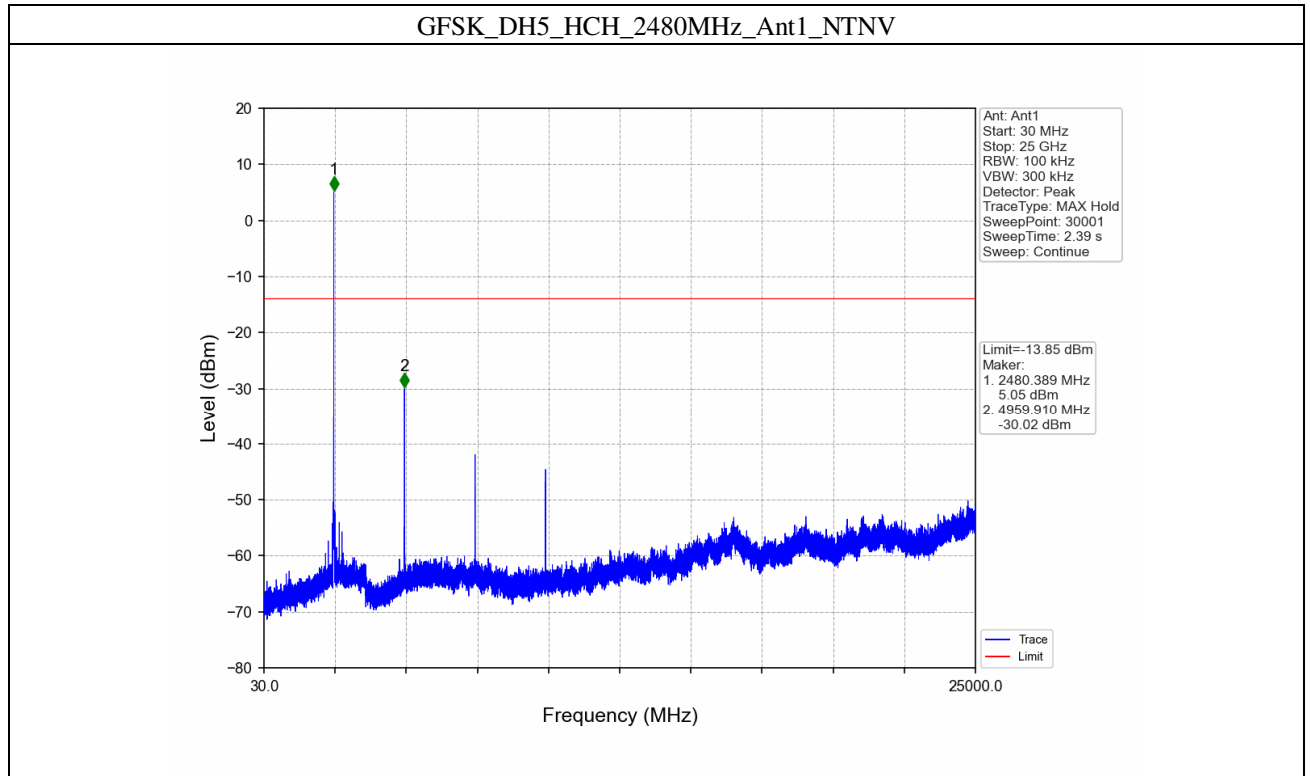
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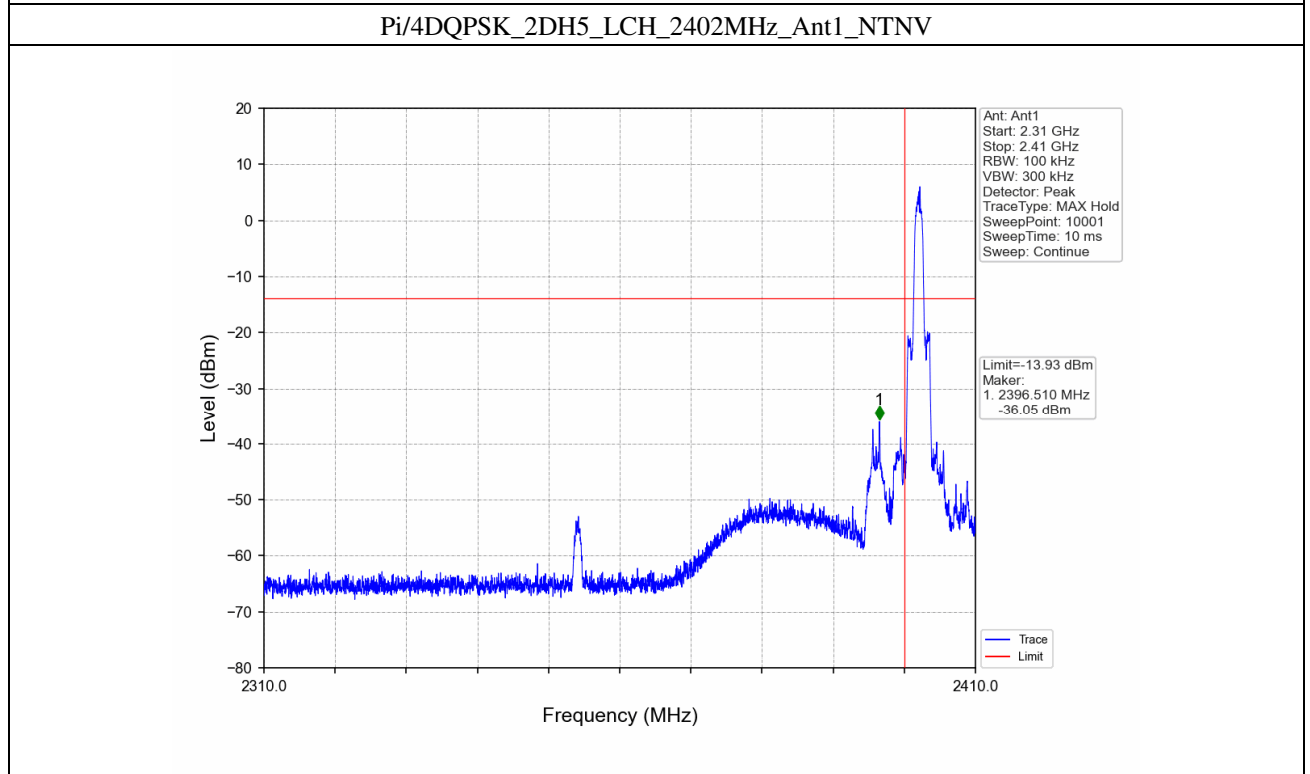
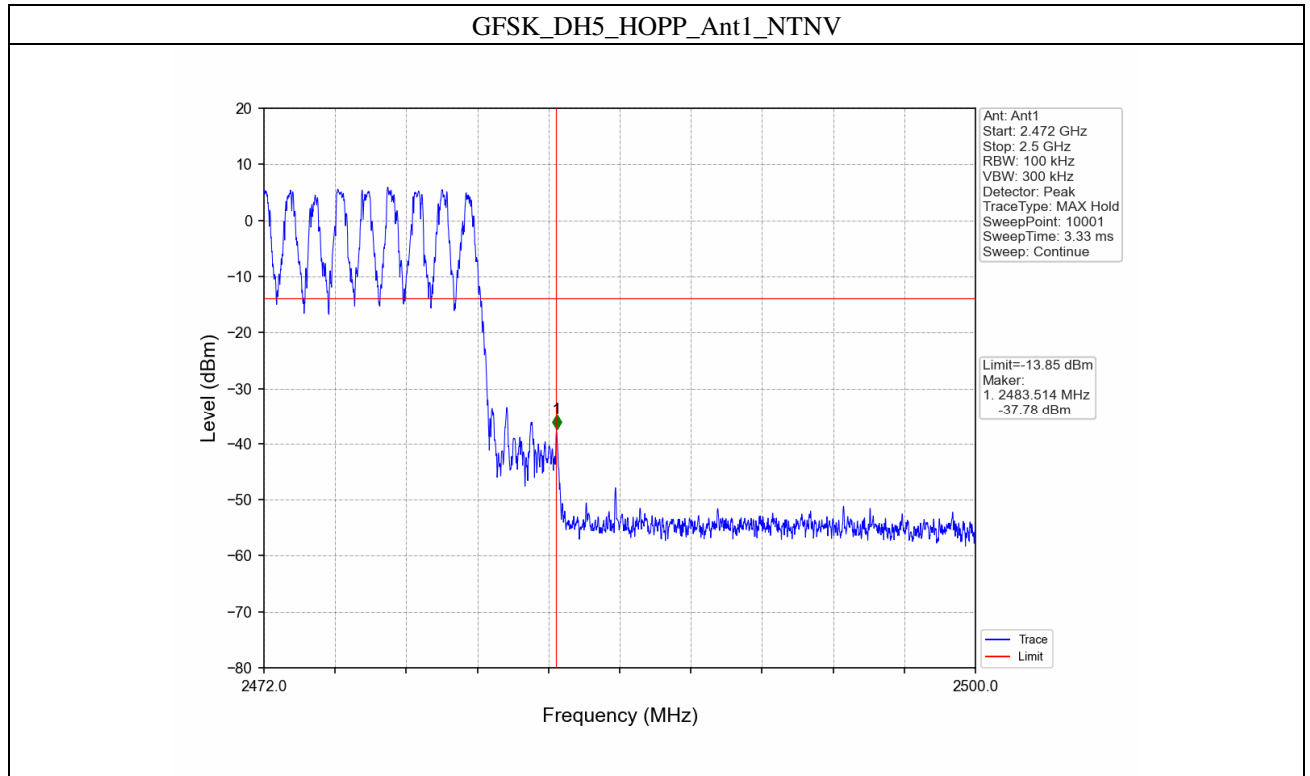
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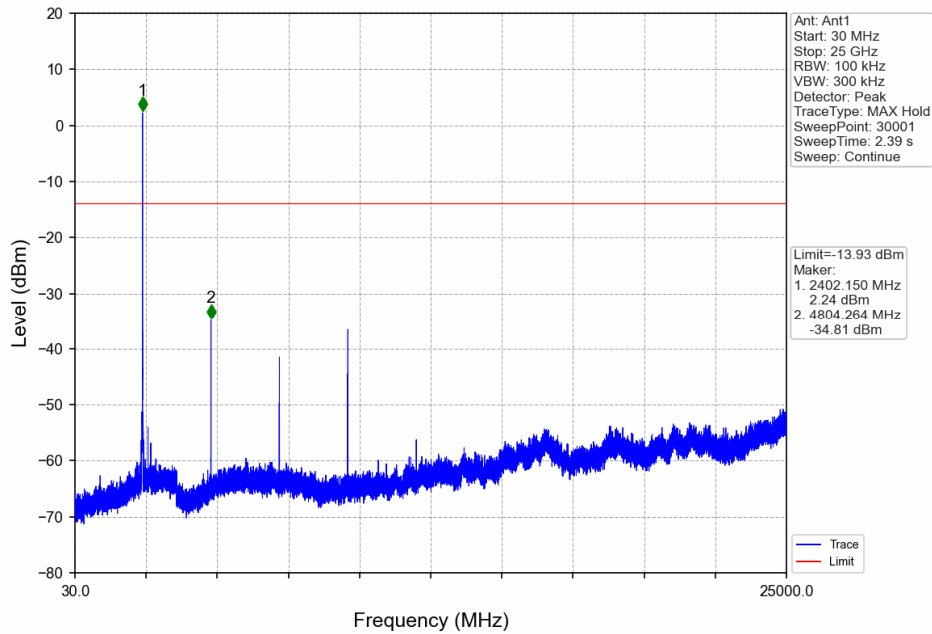
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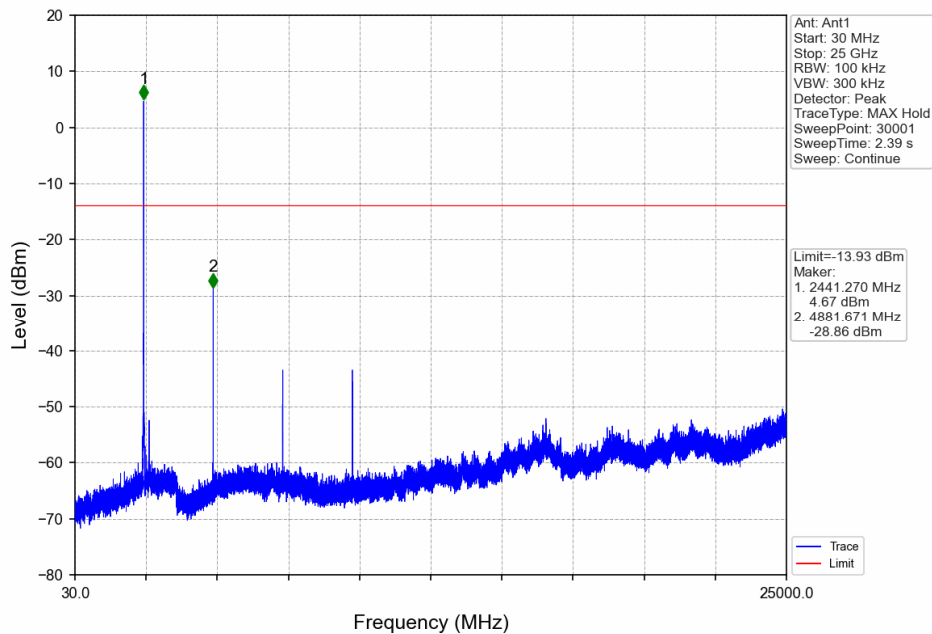


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Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV

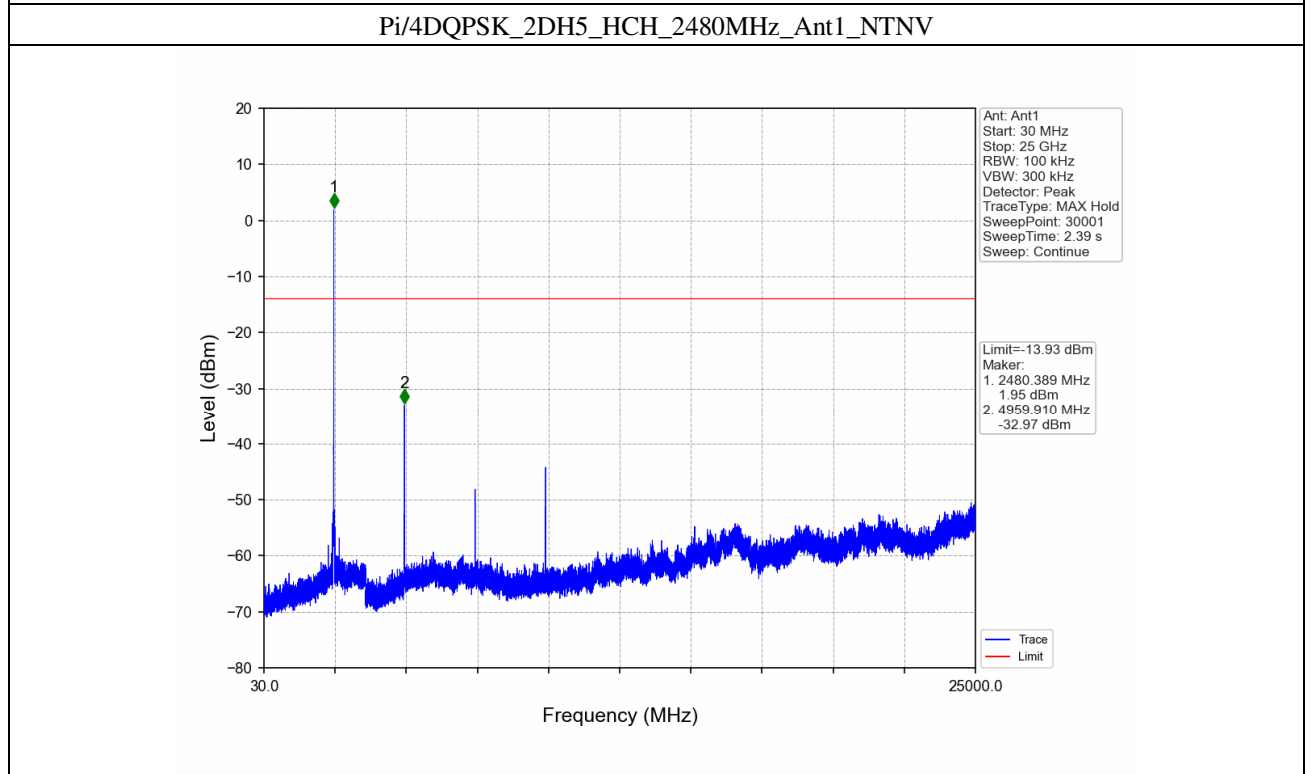
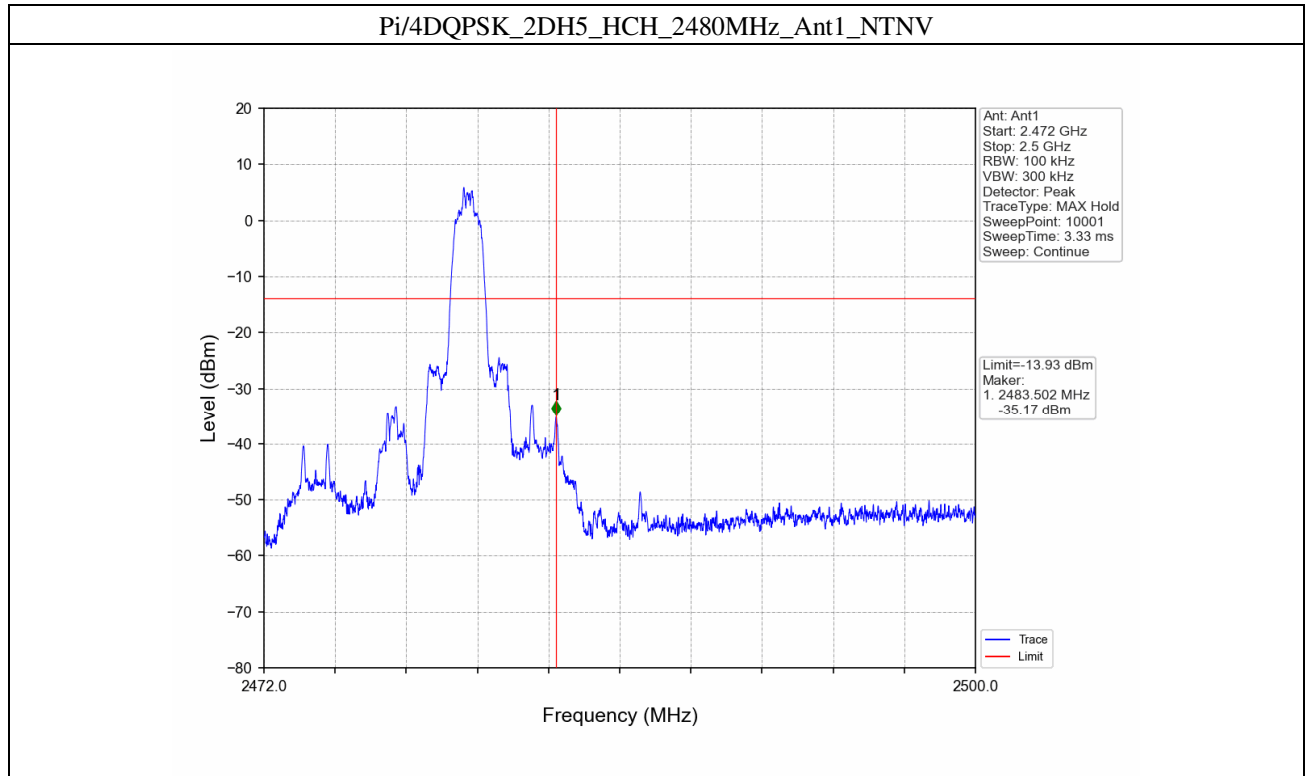


Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



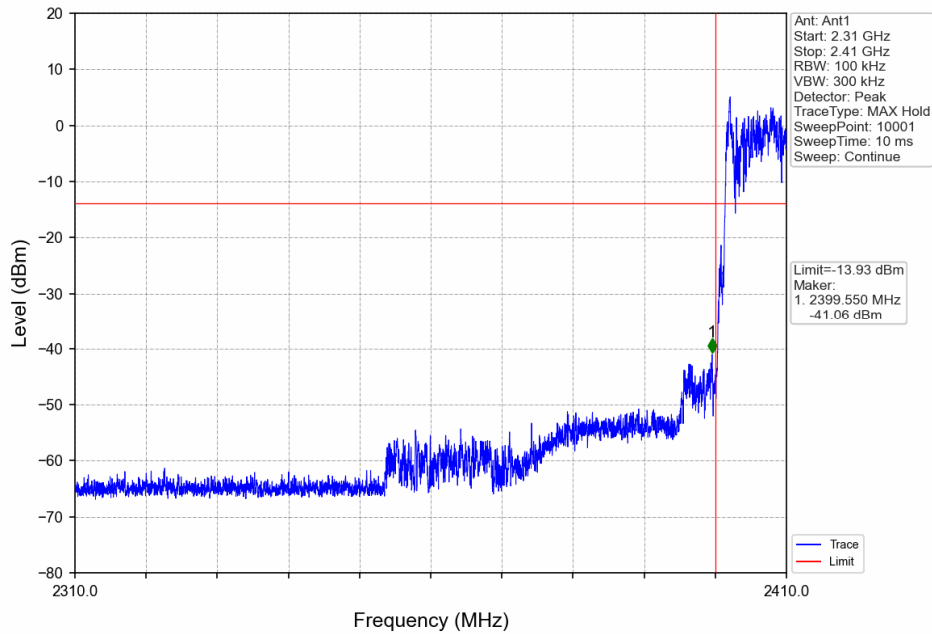
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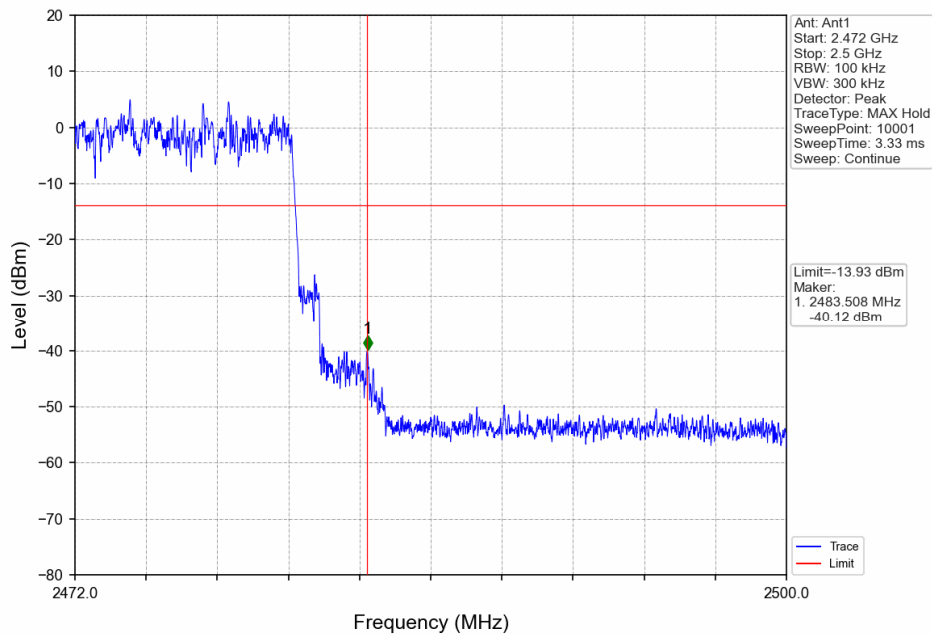


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Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



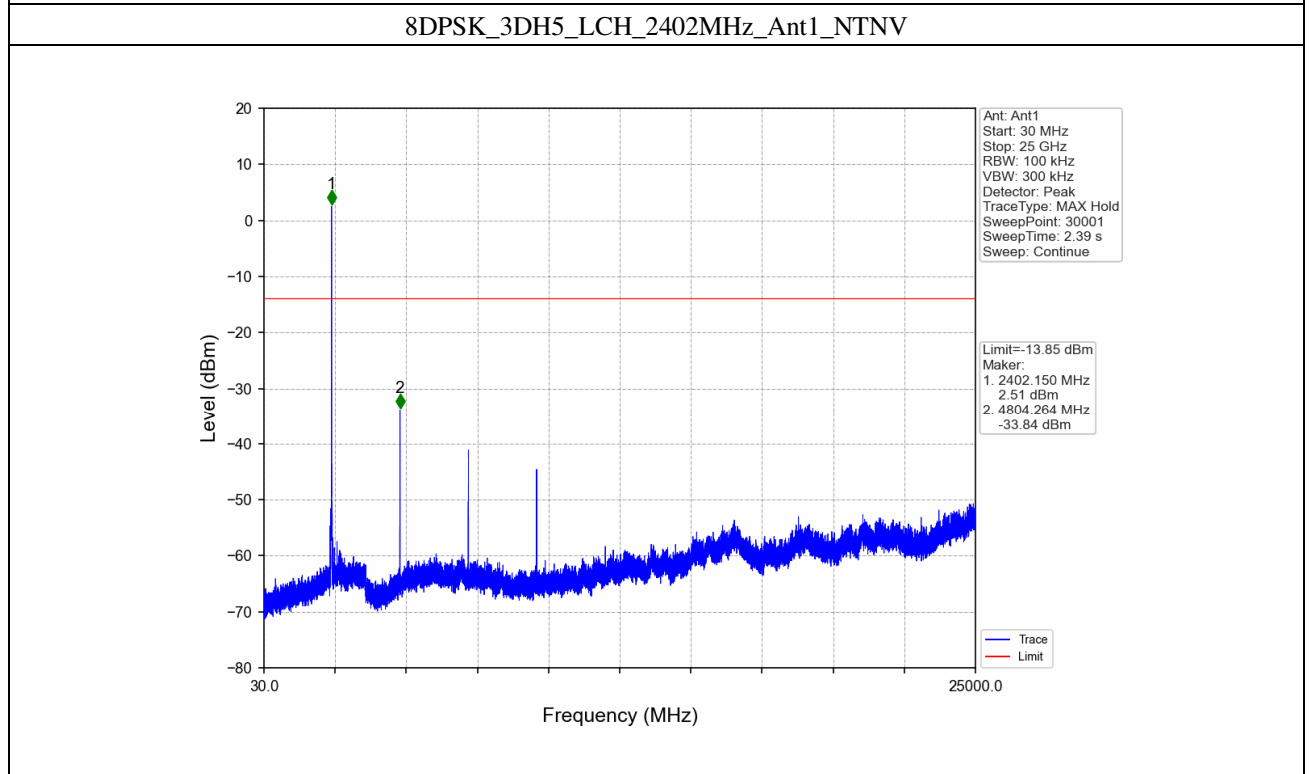
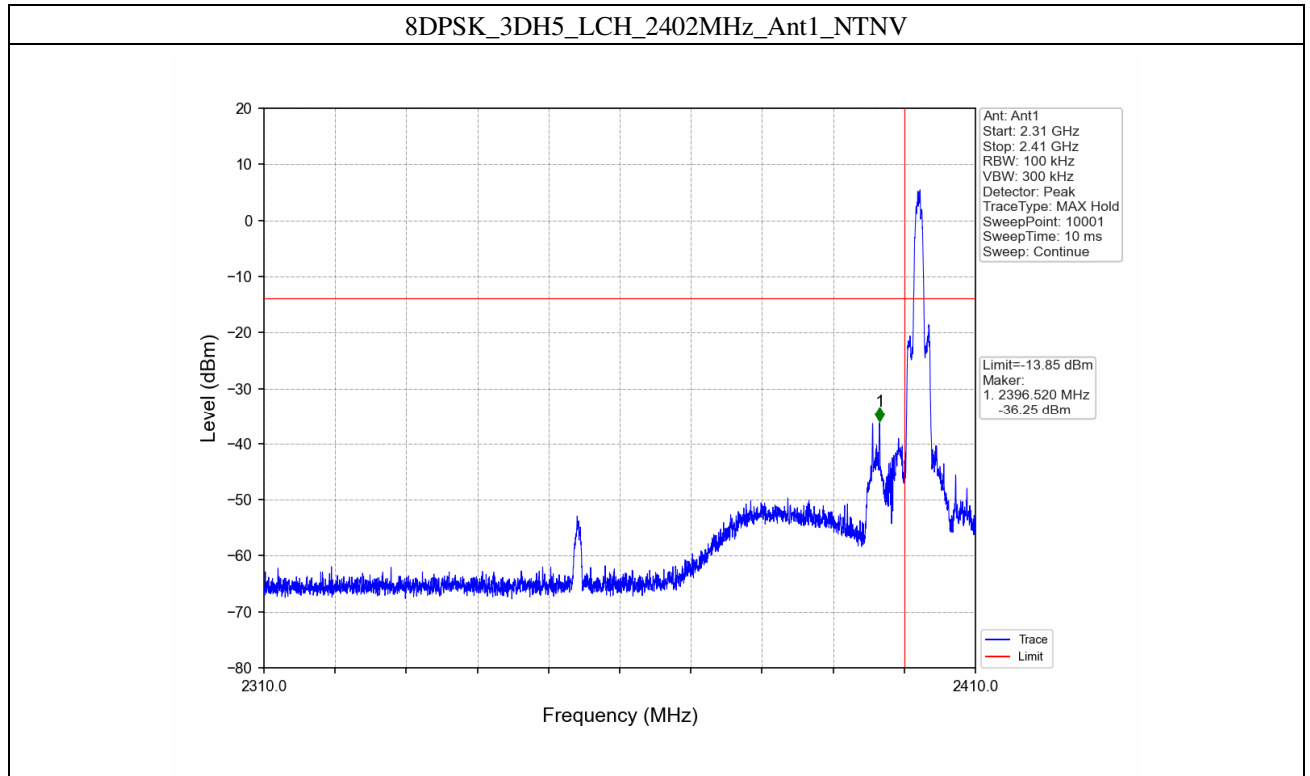
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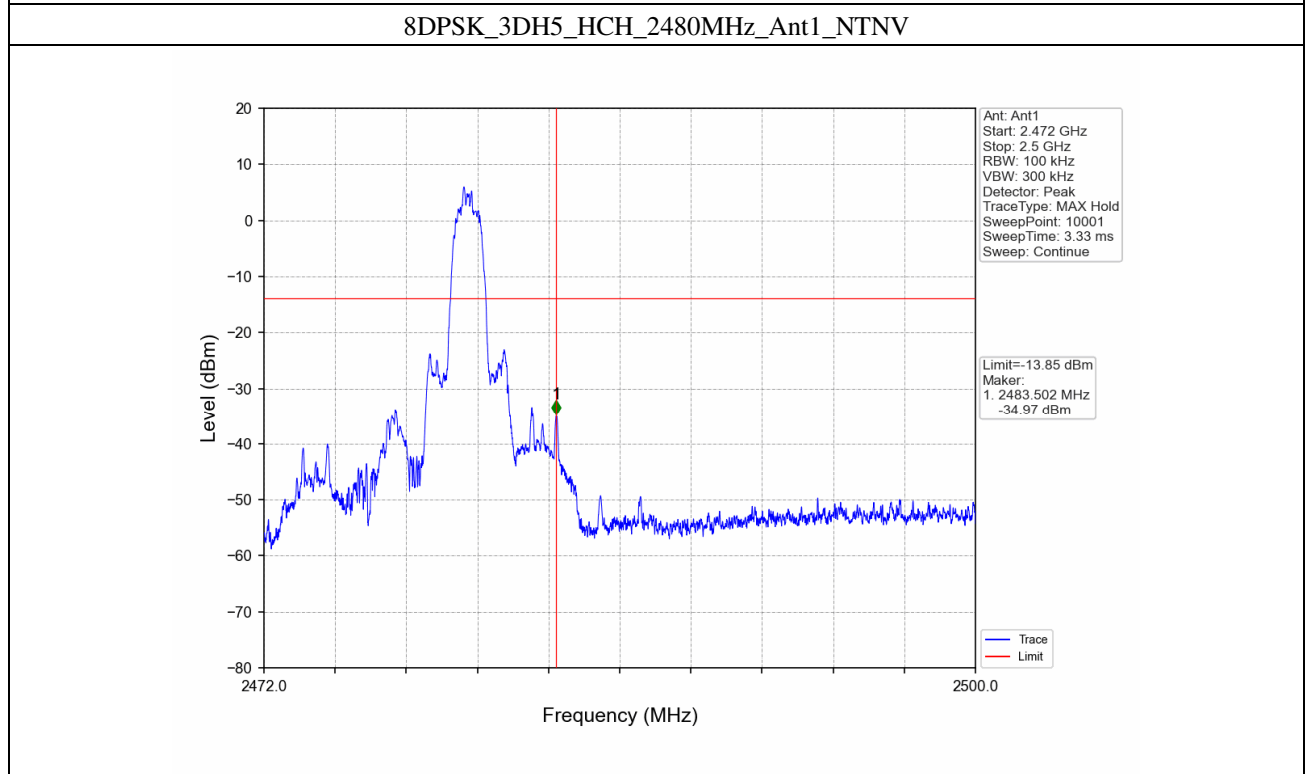
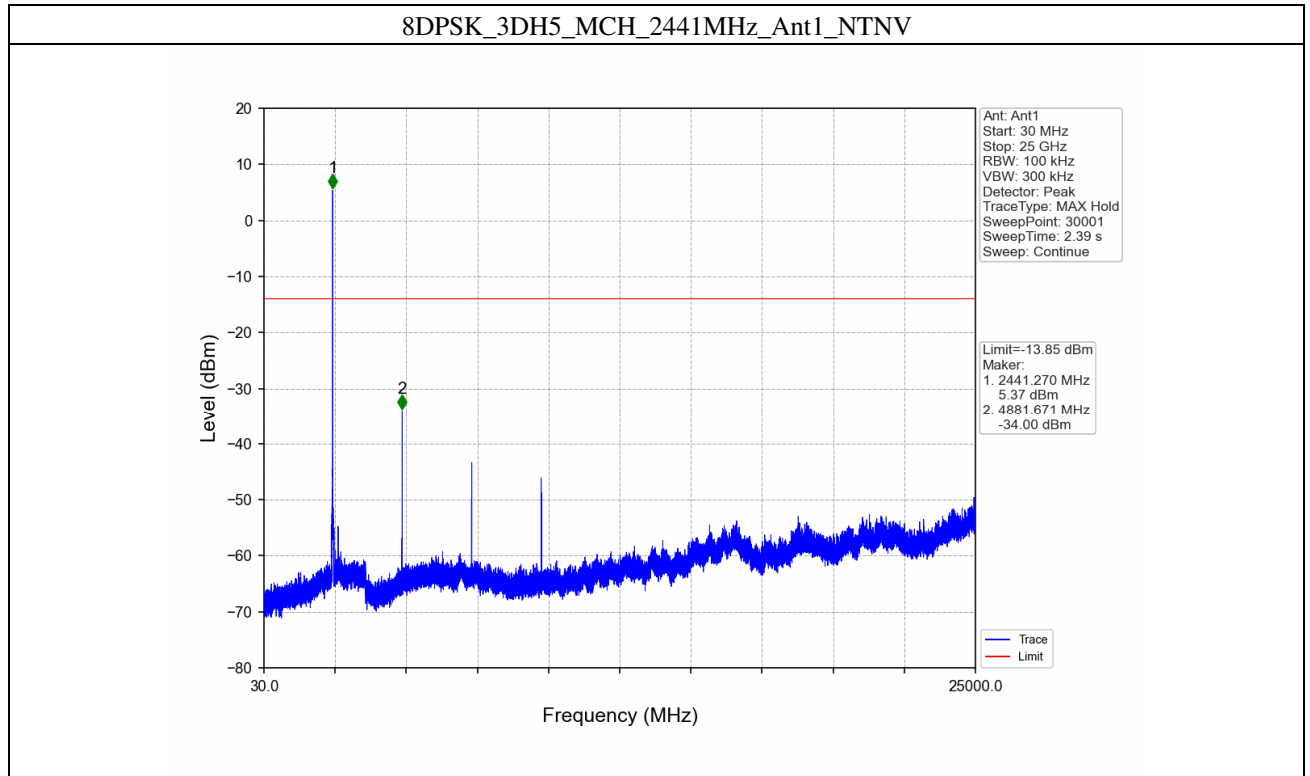
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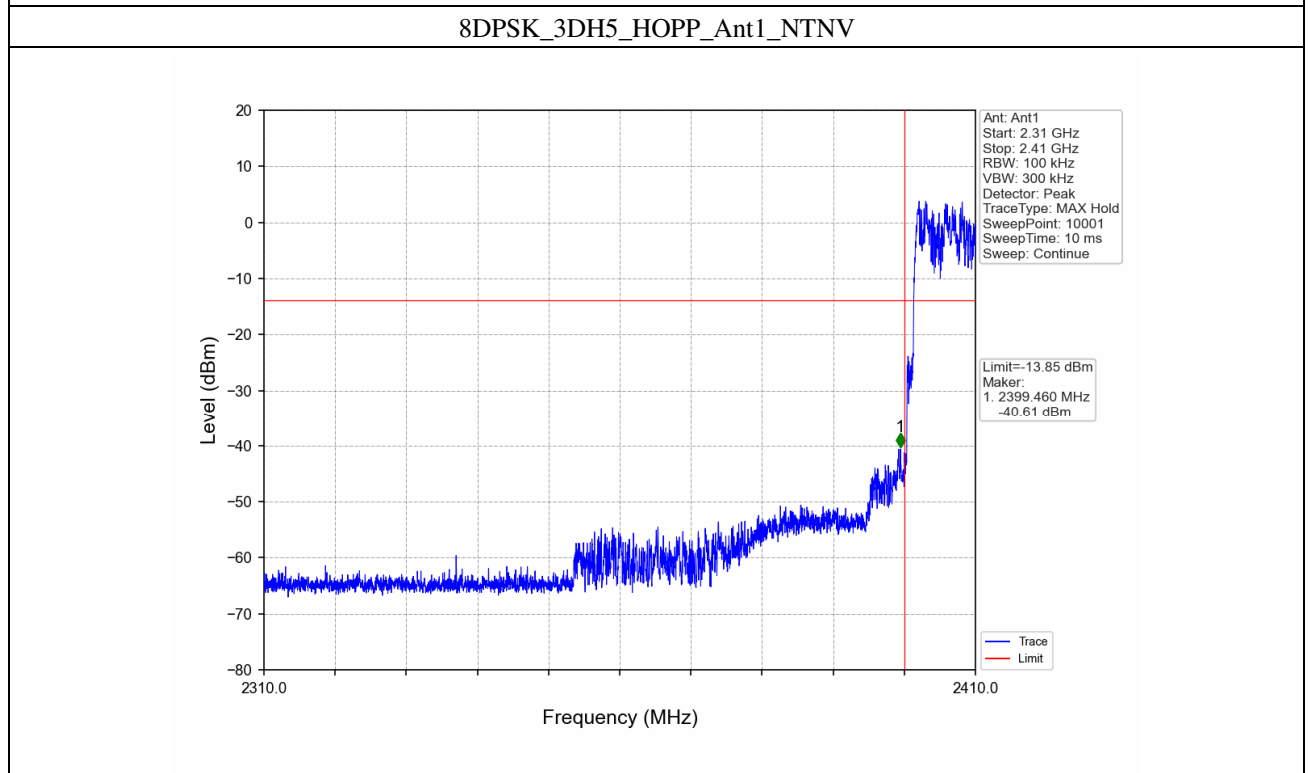
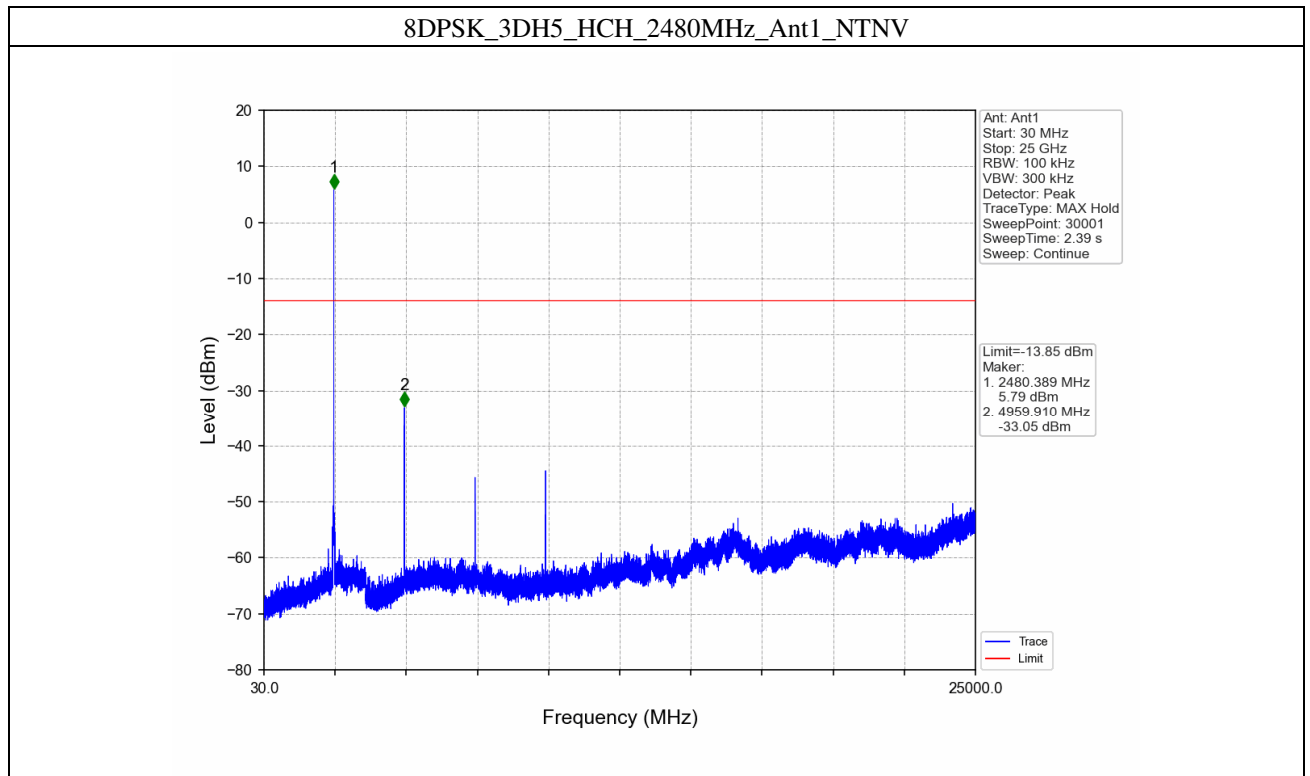


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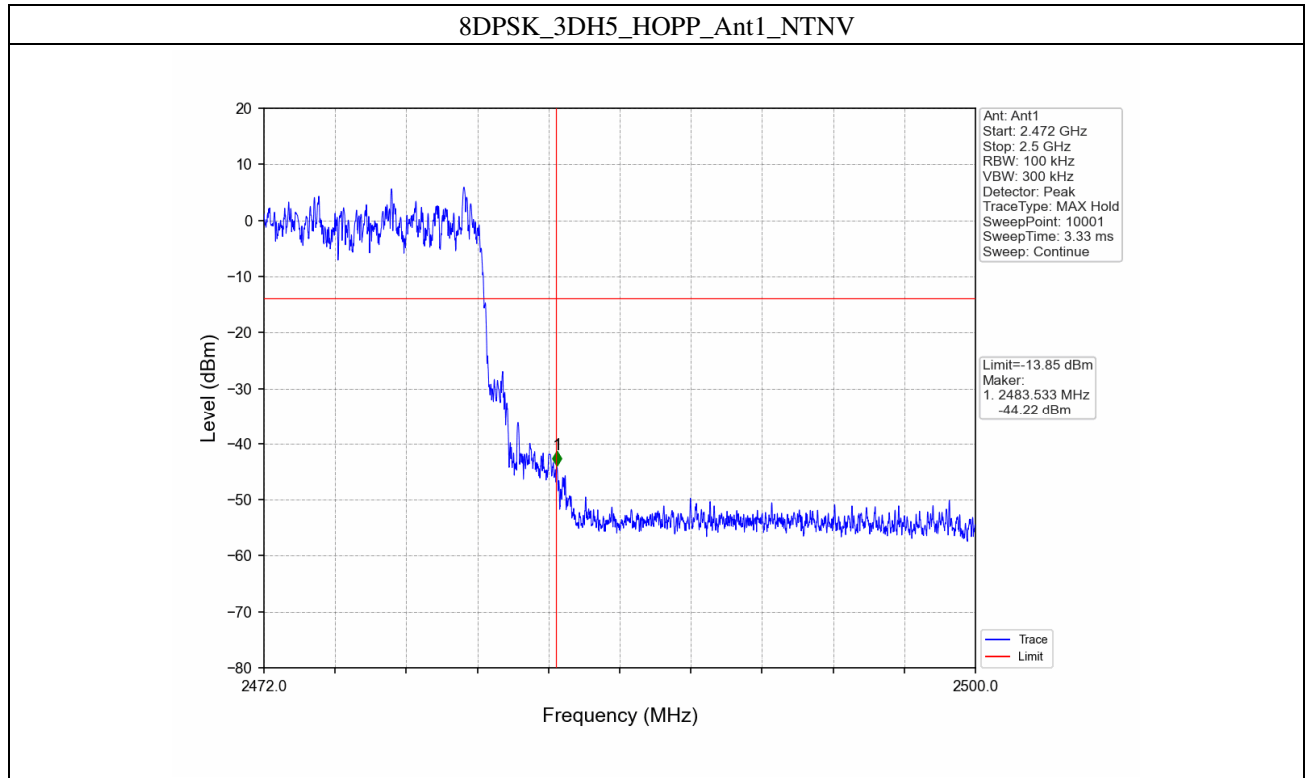
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