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### 10 Appendix

1. Bandwidth

1.1 OBW

#### 1.1.1 Test Result

Mode	TX	Frequency	Packet	Ant	99% Occupied Bandwidth (MHz)	Verdict	
iviode	Type		Type	Anı	Result	VEIGICE	
		2402	DH5	1	0.939	Pass	
GFSK	SISO	2441	DH5	1	0.941	Pass	
		2480	DH5	1	0.939	Pass	
		2402	2DH5	1	1.159	Pass	
Pi/4DQPSK	SISO	2441	2DH5	1	1.162	Pass	
		2480	2DH5	1	1.156	Pass	
		2402	3DH5	1	1.163	Pass	
8DPSK SI	SISO	2441	3DH5	1	1.163	Pass	
		2480	3DH5	1	1.161	Pass	



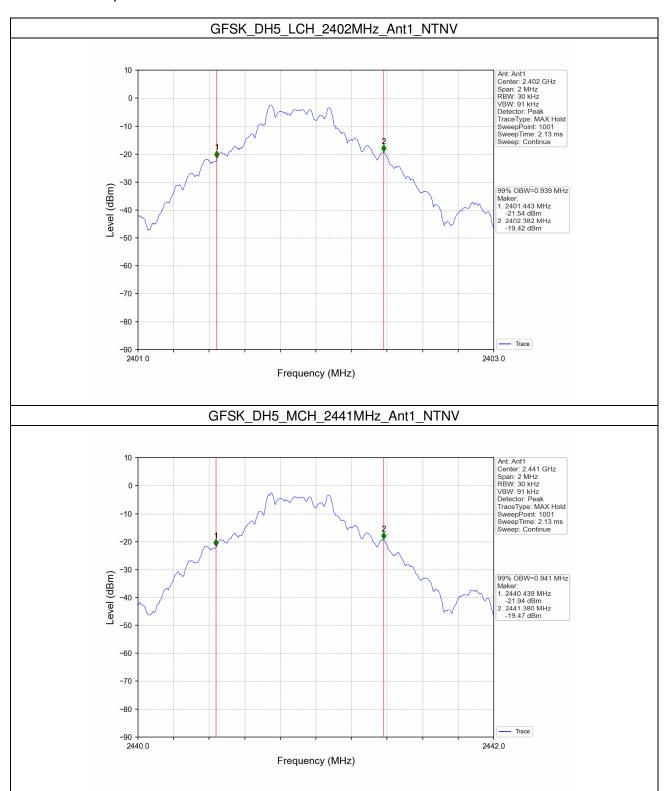
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#### 1.1.2 Test Graph





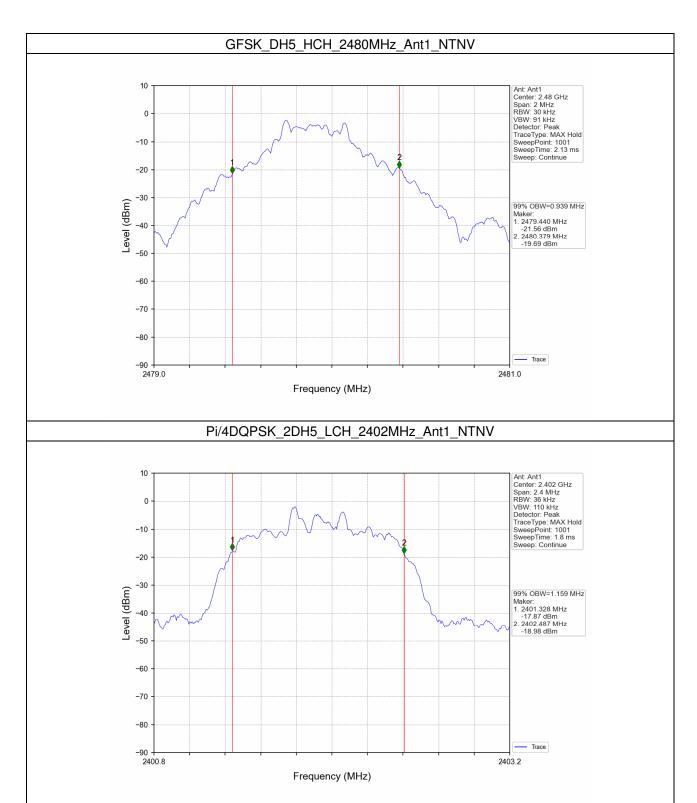
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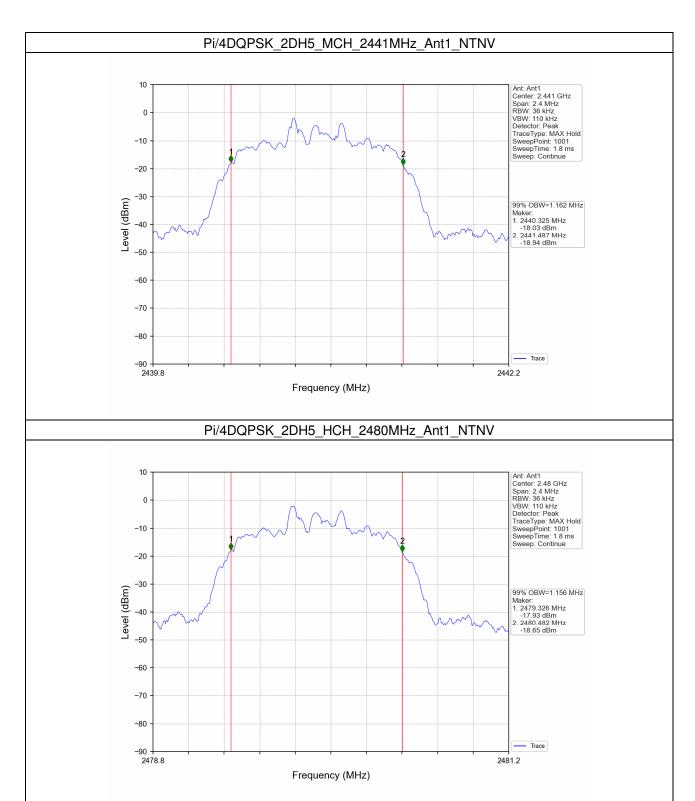
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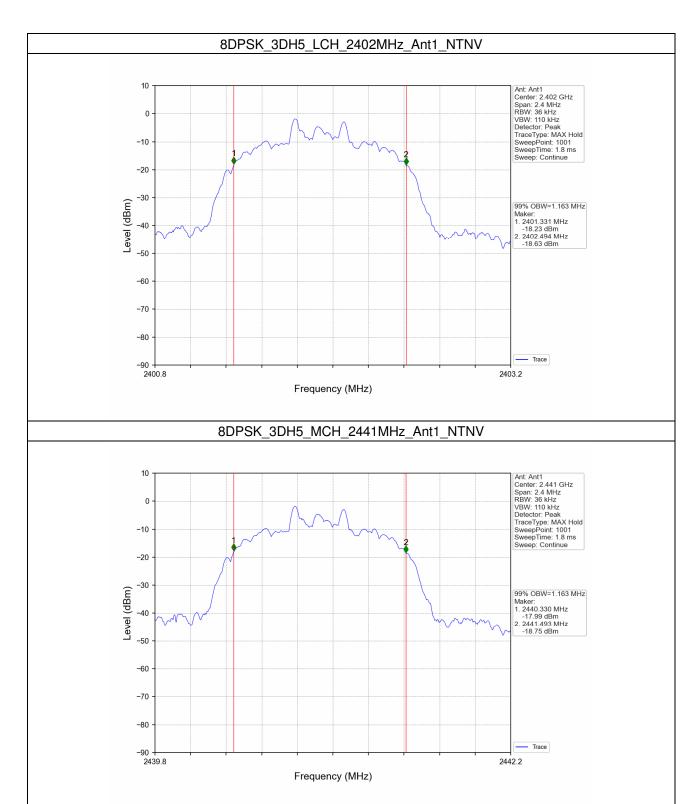
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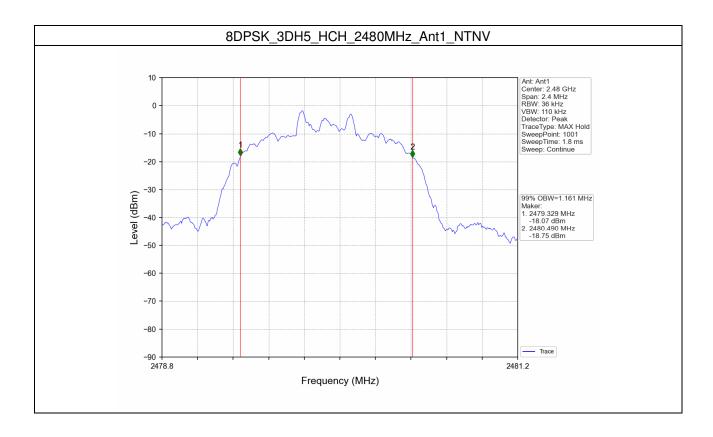
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#### 1.2 20dB BW

#### 1.2.1 Test Result

Mode	TX	Frequency	Packet	Λn+	20dB Bandwidth (MHz)	Vordict						
Mode	Type	(MHz)	Type	Ant	Result	Verdict						
		2402	DH5	1	1.035	Pass						
GFSK	SISO	2441	DH5	1	1.034	Pass						
		2480	DH5	1	1.039	Pass						
		2402	2DH5	1	1.235	Pass						
Pi/4DQPSK	SISO	SISO	SISO	SISO	SISO	SISO	SISO	2441	2DH5	1	1.248	Pass
		2480	2DH5	1	1.243	Pass						
		2402	3DH5	1	1.280	Pass						
8DPSK SIS	SISO	2441	3DH5	1	1.279	Pass						
		2480	3DH5	1	1.278	Pass						



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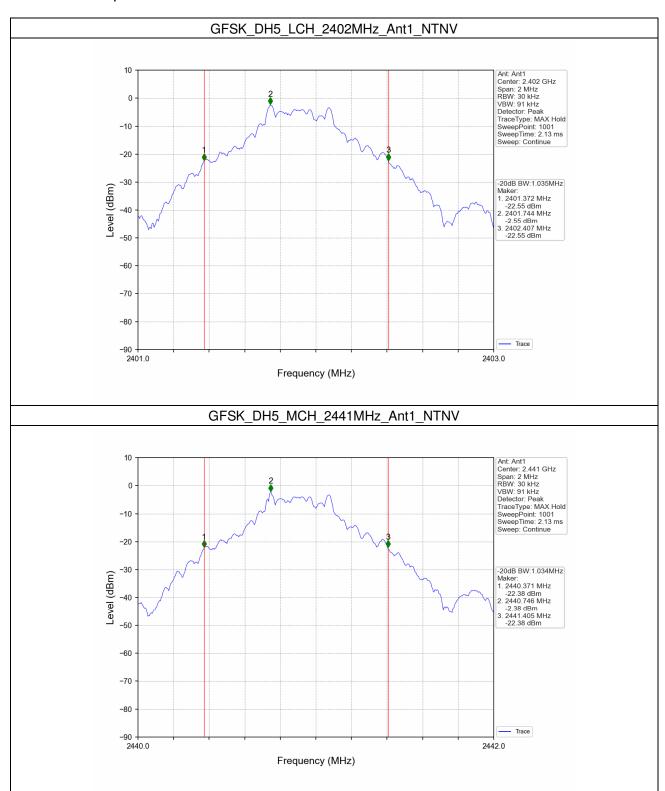
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#### 1.2.2 Test Graph





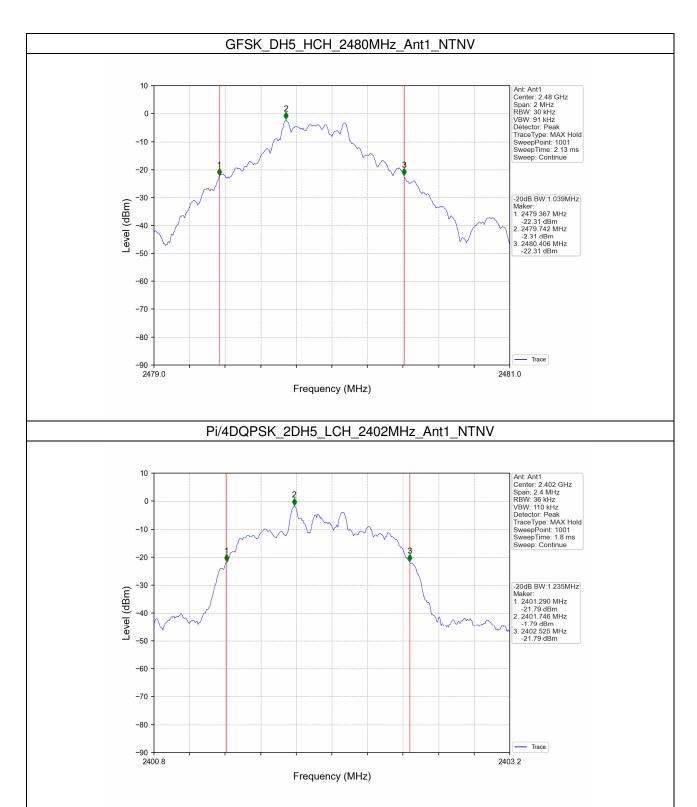
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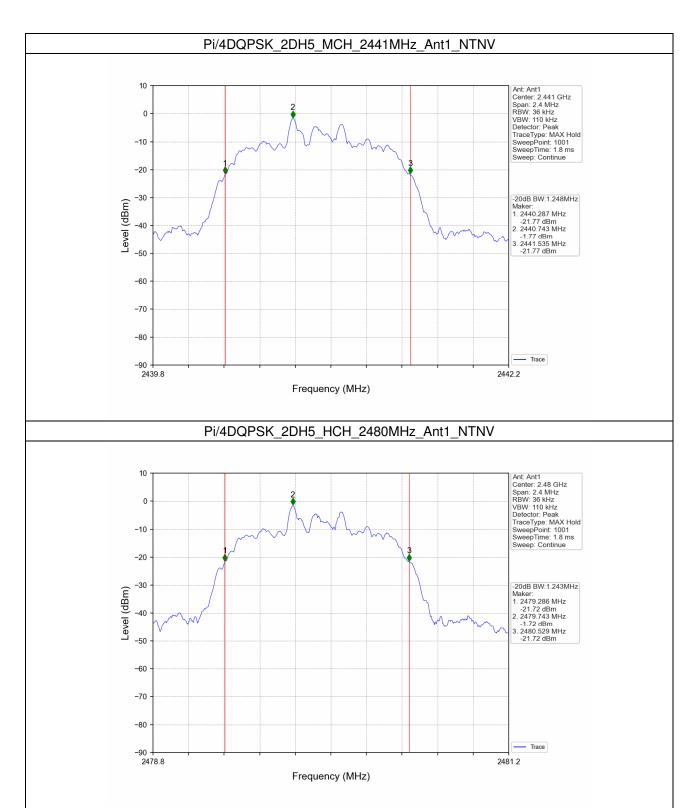
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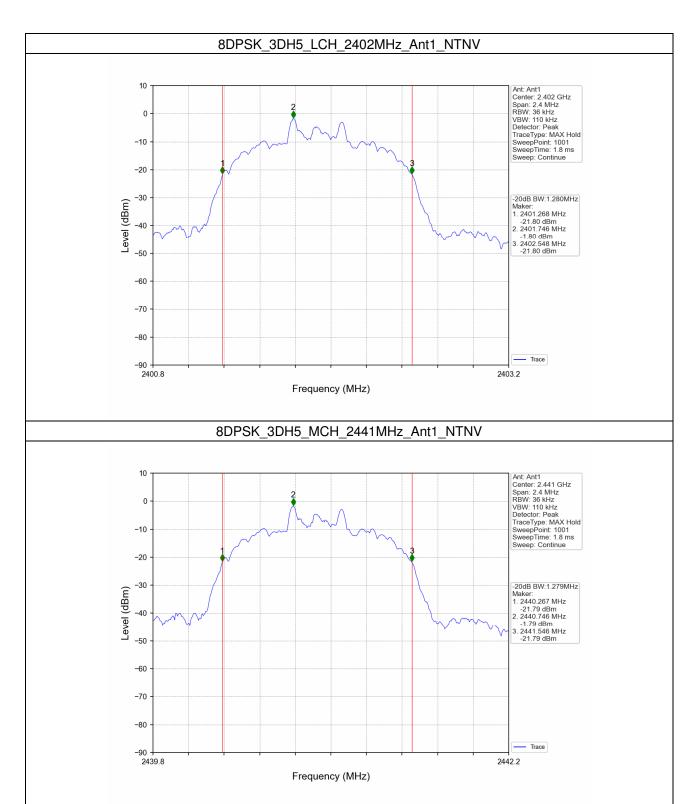
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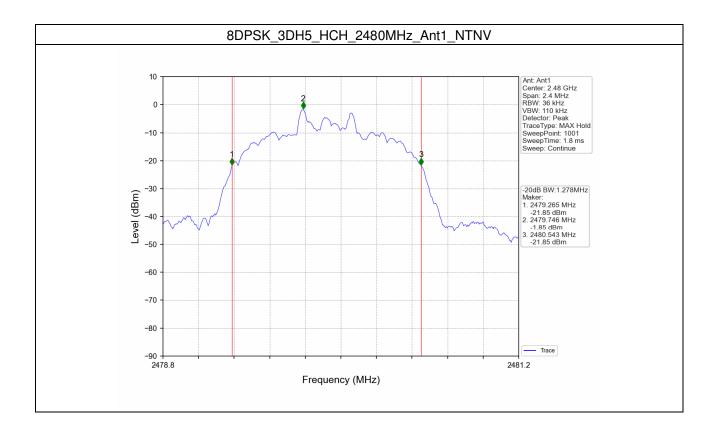
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#### 2. Maximum Conducted Output Power

#### 2.1 Power

#### 2.1.1 Test Result

Mode	TX	Frequency Packet		Maximum Peak Conduc	Vardiat					
iviode	Type	(MHz)	Type	Ant1	Limit	Verdict				
		2402	DH5	-1.08	<=20.97	Pass				
GFSK	SISO	2441	DH5	-1.00	<=20.97	Pass				
	2480	DH5	-0.93	<=20.97	Pass					
		2402	2DH5	-1.01	<=20.97	Pass				
Pi/4DQPSK	SISO	SISO	SISO	SISO	SISO	2441	2DH5	-0.97	<=20.97	Pass
		2480	2DH5	-0.93	<=20.97	Pass				
		2402	3DH5	-1.00	<=20.97	Pass				
8DPSK S	SISO	2441	3DH5	-1.01	<=20.97	Pass				
		2480	3DH5	-0.99	<=20.97	Pass				

#### 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	1.000	1.039	>=0.693	Pass	
Pi/4DQPSK	SISO	HOPP	2DH5	1.001	1.248	>=0.832	Pass	
8DPSK	SISO	HOPP	3DH5	0.996	1.280	>=0.853	Pass	



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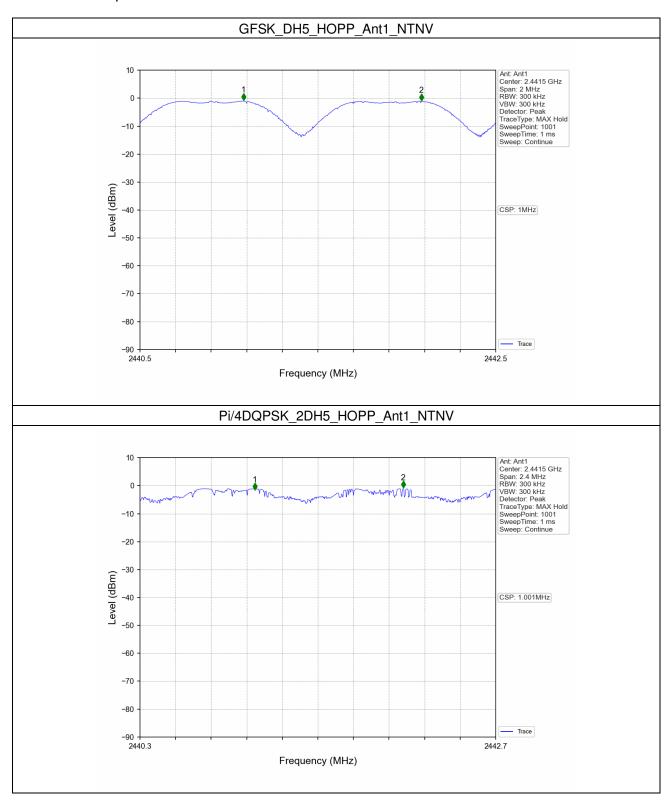
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#### 3.1.2 Test Graph





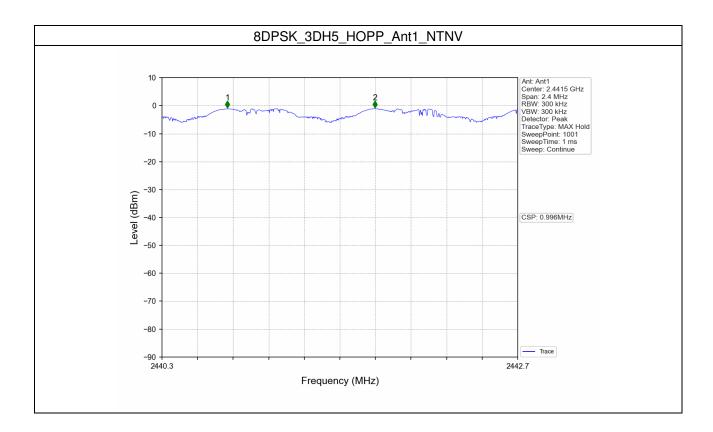
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#### 4. Number of Hopping Frequencies

#### 4.1 HoppNum

#### 4.1.1 Test Result

Mode	TX	Frequency	Packet	Num of Hopping Frequencies		Verdict	
iviode	Туре	(MHz) Type		Ant1	Limit	verdict	
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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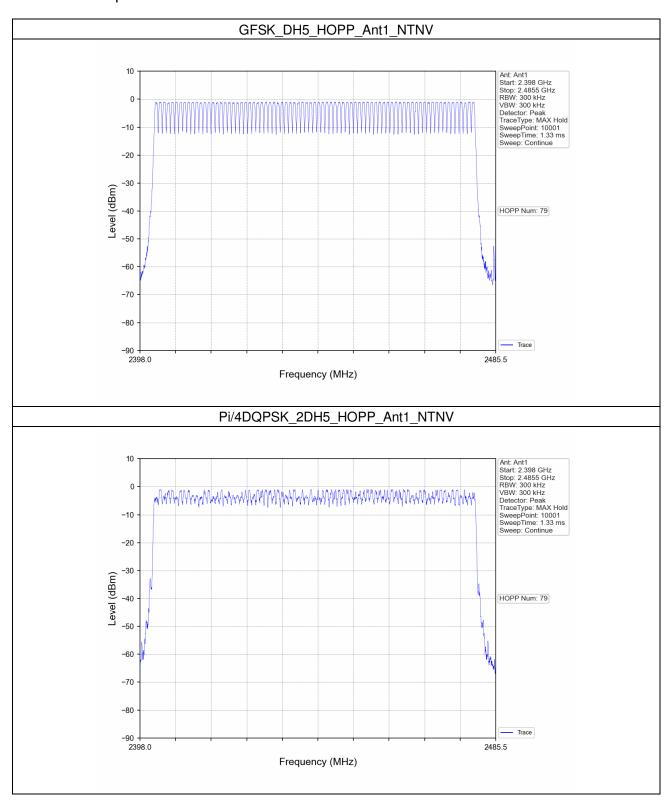
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#### 4.1.2 Test Graph





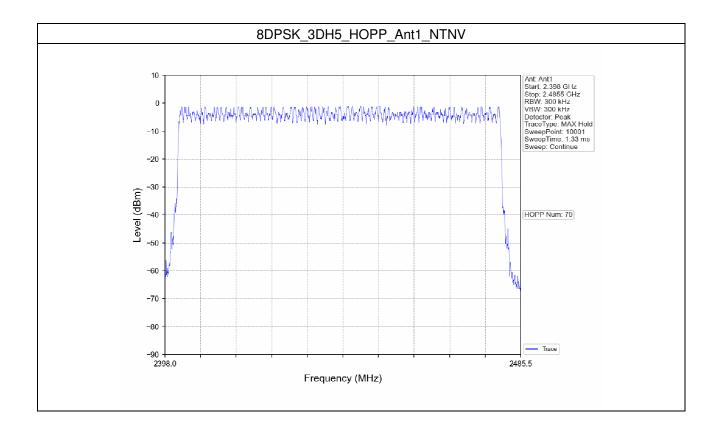
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#### 5. Time of Occupancy (Dwell Time)

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	
			DH1	0.386	31.600	190	73.340	<=400	Pass	
GFSK	SISO	HOPP	DH3	1.644	31.600	183	300.852	<=400	Pass	
			DH5	2.892	31.600	130	375.960	<=400	Pass	
			2DH1	0.388	31.600	327	126.876	<=400	Pass	
Pi/4DQPSK	SISO	HOPP	2DH3	1.638	31.600	164	268.632	<=400	Pass	
			2DH5	2.886	31.600	118	340.548	<=400	Pass	
	8DPSK SISO HOPP		3DH1	0.386	31.600	397	153.242	<=400	Pass	
8DPSK		SISO HOPP	3DH3	1.638	31.600	206	337.428	<=400	Pass	
			3DH5	2.888	31.600	107	309.016	<=400	Pass	



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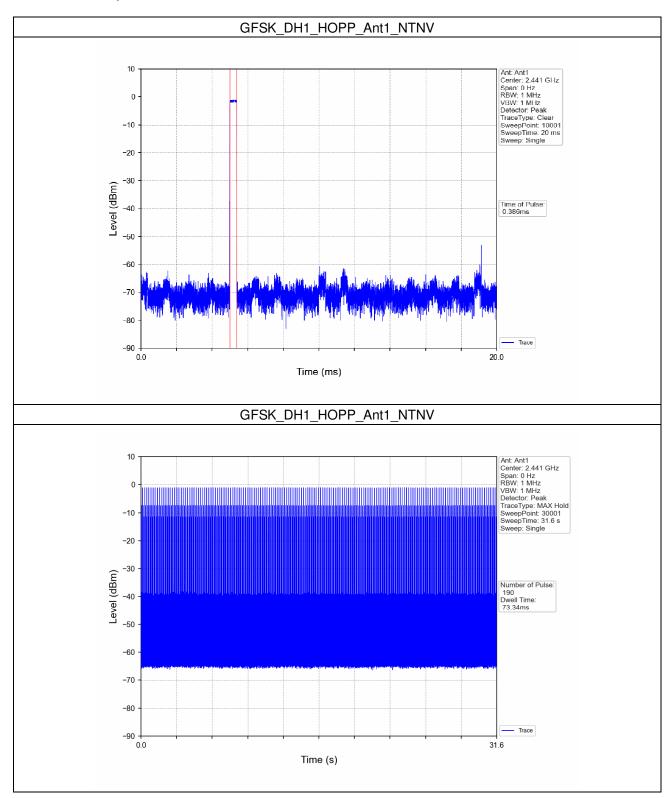
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#### 5.1.2 Test Graph





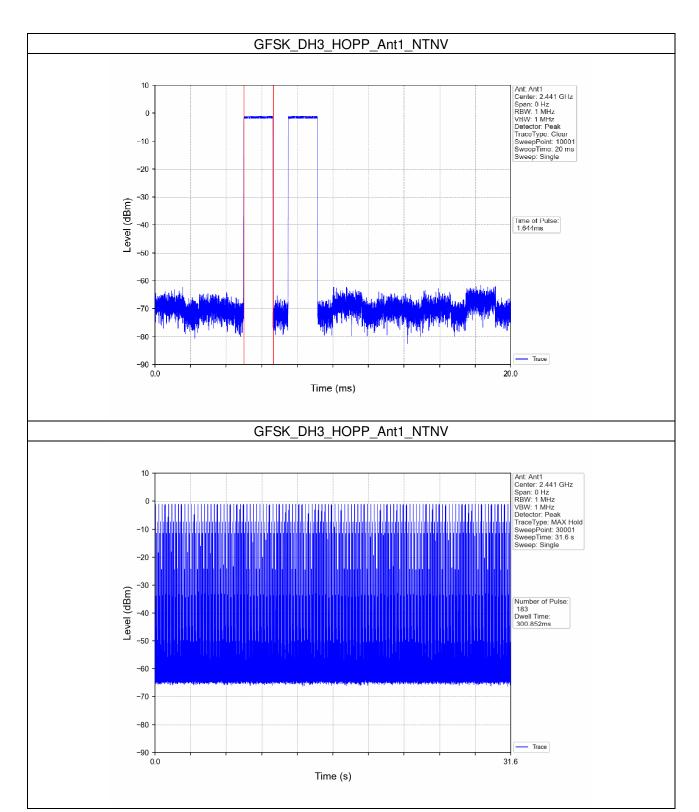
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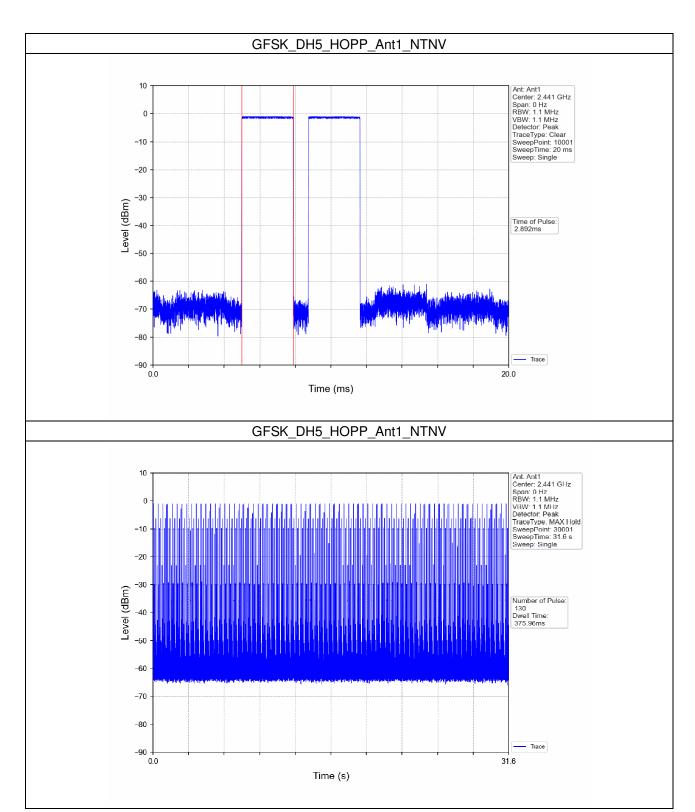
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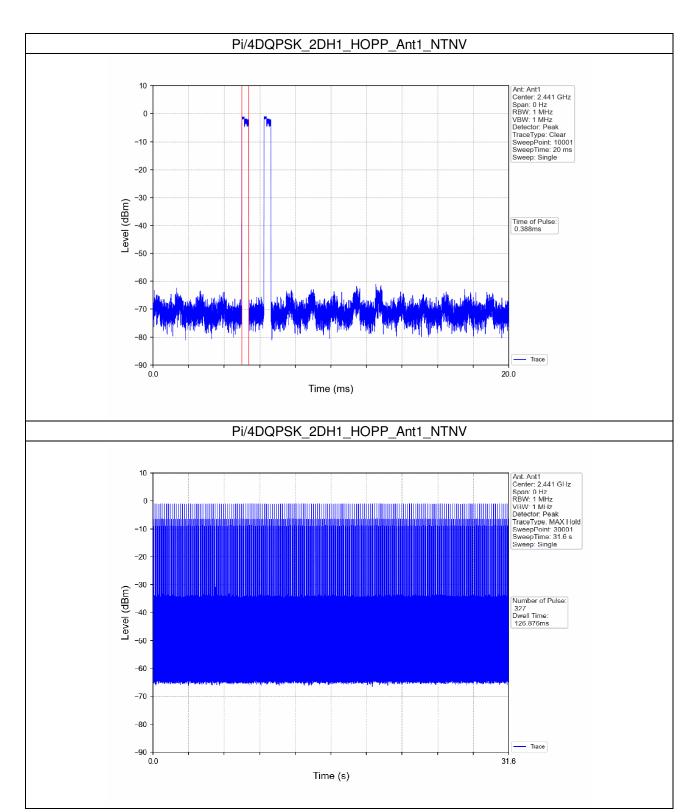
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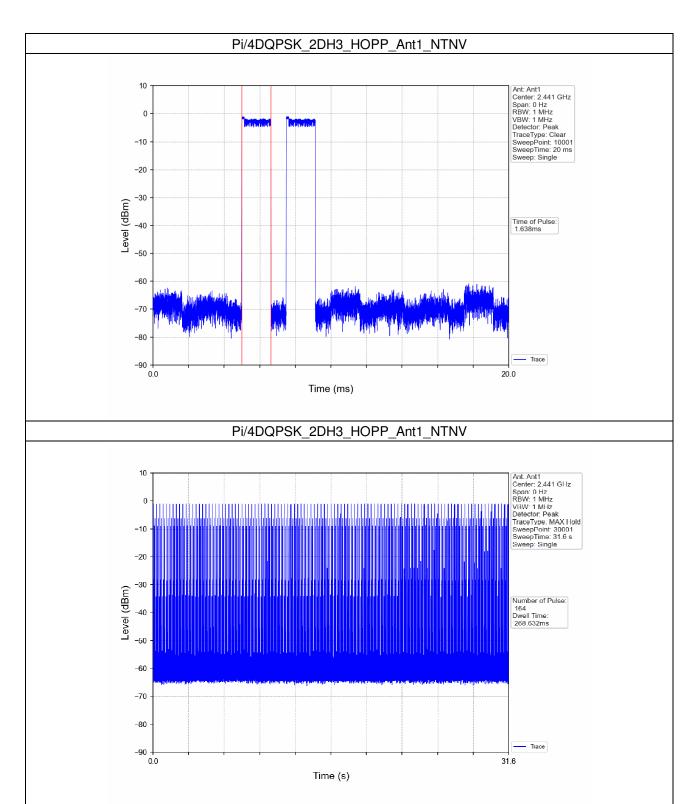
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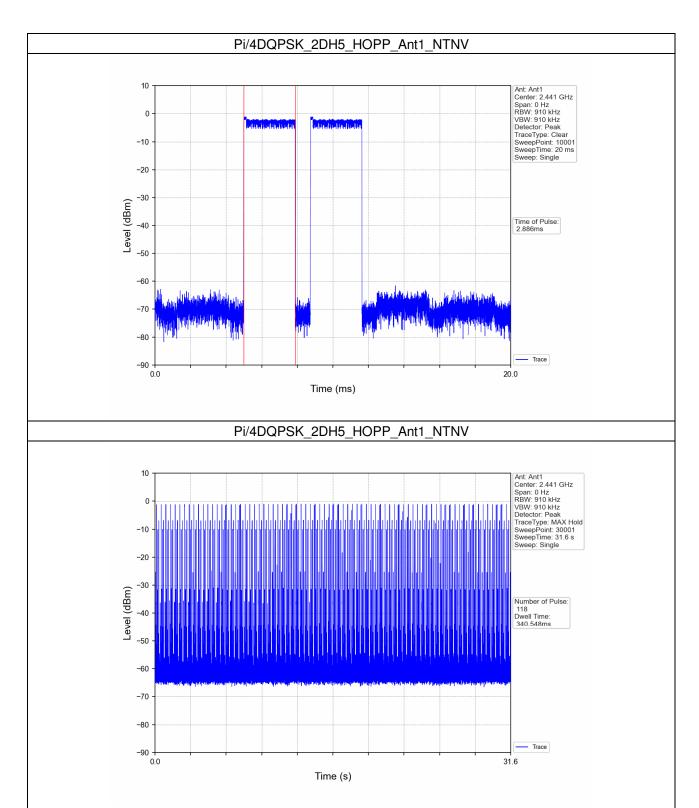
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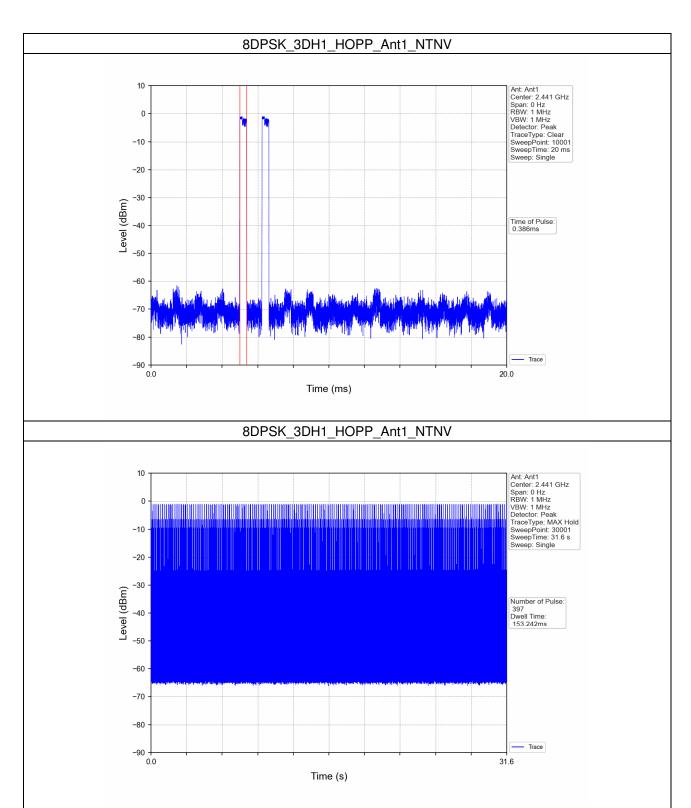
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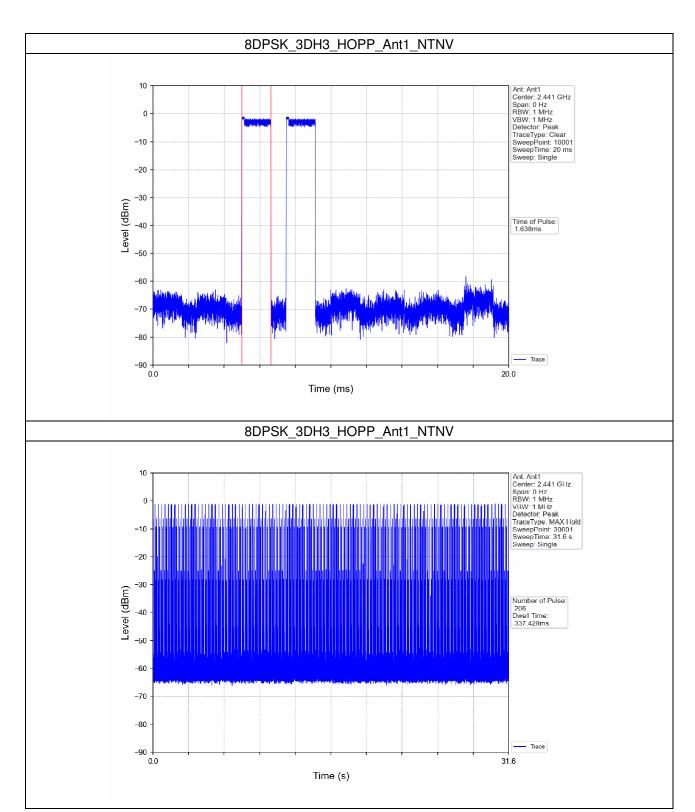
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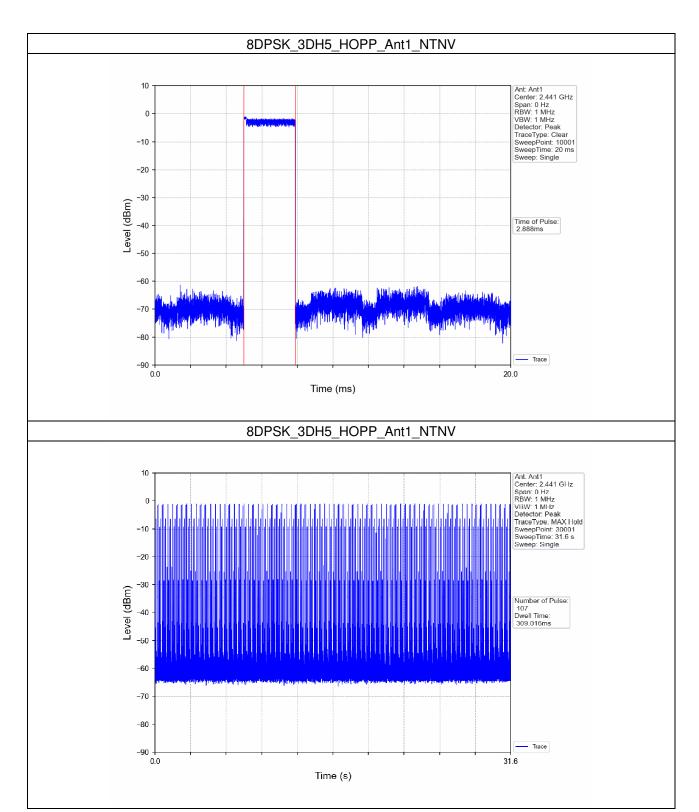
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#### 6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Ref

#### 6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)
		2402	DH5	1	-1.34
GFSK	SISO	2441	DH5	1	-1.23
		2480	DH5	1	-1.20
		2402	2DH5	1	-1.22
Pi/4DQPSK	SISO	2441	2DH5	1	-1.23
		2480	2DH5	1	-1.20
8DPSK	SISO	2402	3DH5	1	-1.17
		2441	3DH5	1	-1.22
		2480	3DH5	1	-1.17



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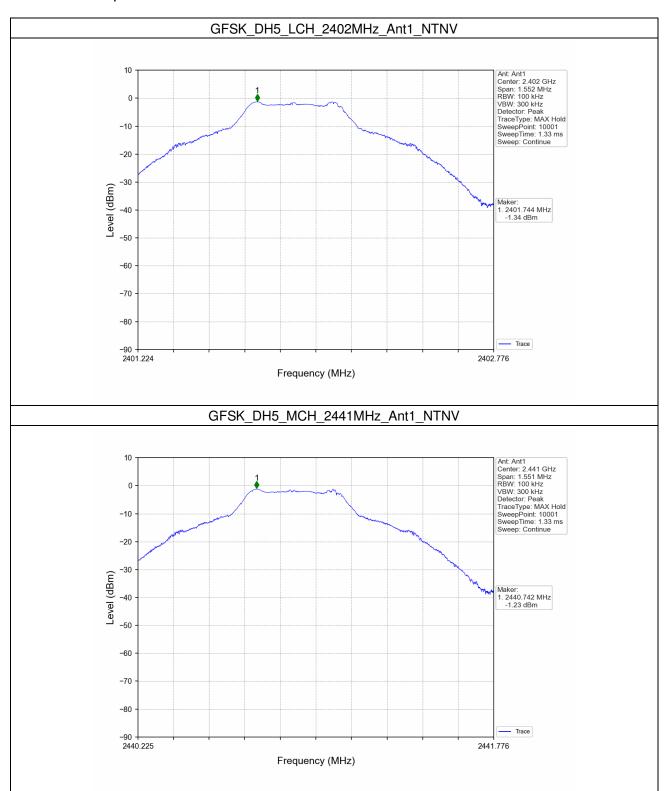
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#### 6.1.2 Test Graph





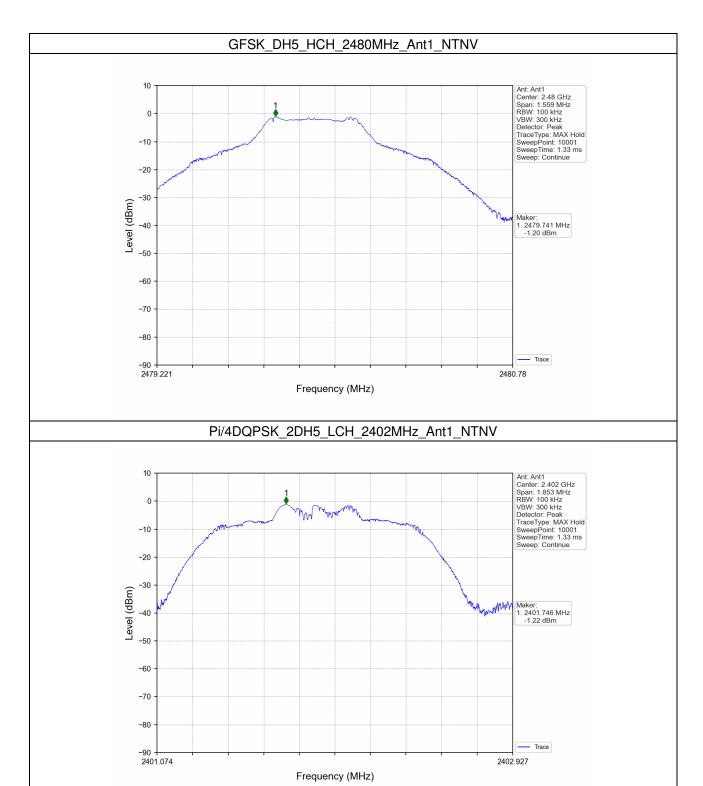
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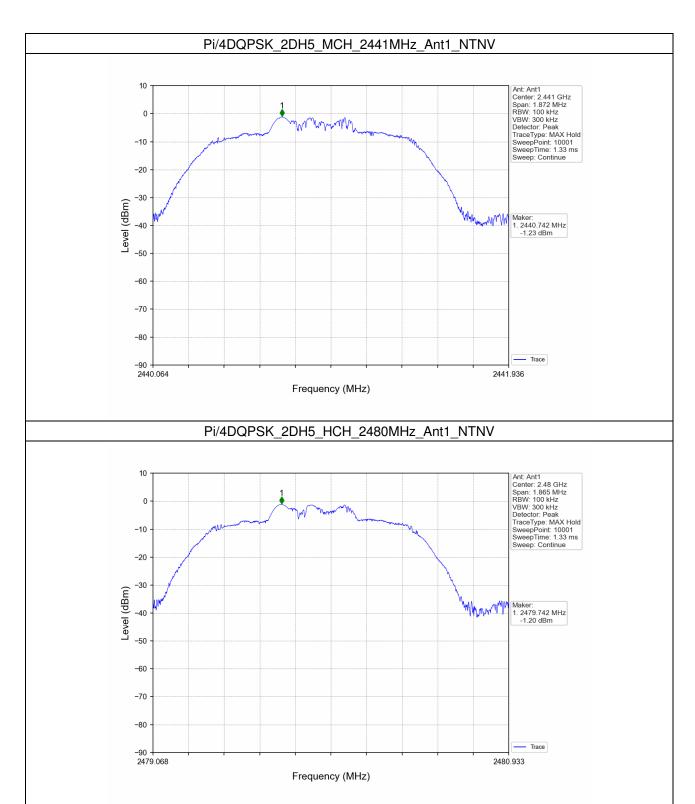
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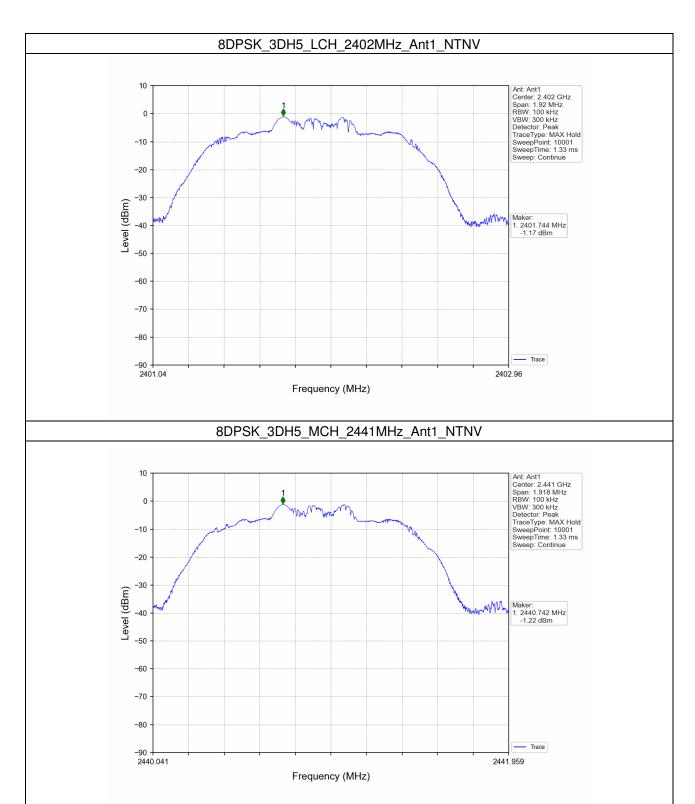
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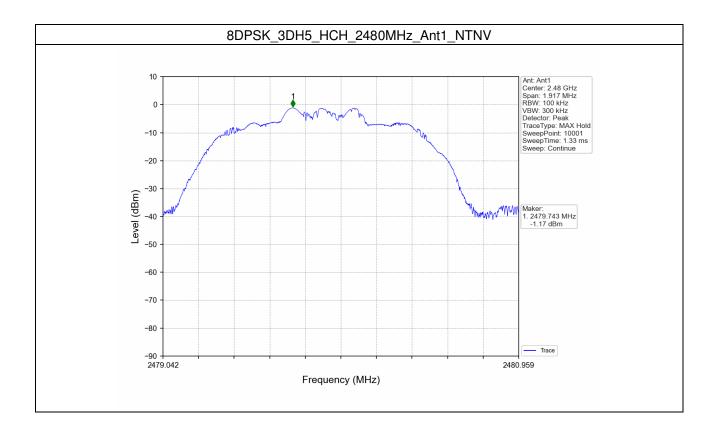
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#### 6.2 CSE

#### 6.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Packet Type	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
		2402	DH5	1	-1.20	-21.20	Pass
GFSK	SISO	2441	DH5	1	-1.20	-21.20	Pass
GFSK	3130	2480	DH5	1	-1.20	-21.20	Pass
		HOPP	DH5	1	-1.20	-21.20	Pass
		2402	2DH5	1	-1.20	-21.20	Pass
Pi/4DQPSK	SISO	2441	2DH5	1	-1.20	-21.20	Pass
PI/4DQPSK	(PSK   5150	2480	2DH5	1	-1.20	-21.20	Pass
		HOPP	2DH5	1	-1.20	-21.20	Pass
		2402	3DH5	1	-1.17	-21.17	Pass
8DPSK	SISO	2441	3DH5	1	-1.17	-21.17	Pass
ODPSK	3130	2480	3DH5	1	-1.17	-21.17	Pass
		HOPP	3DH5	1	-1.17	-21.17	Pass



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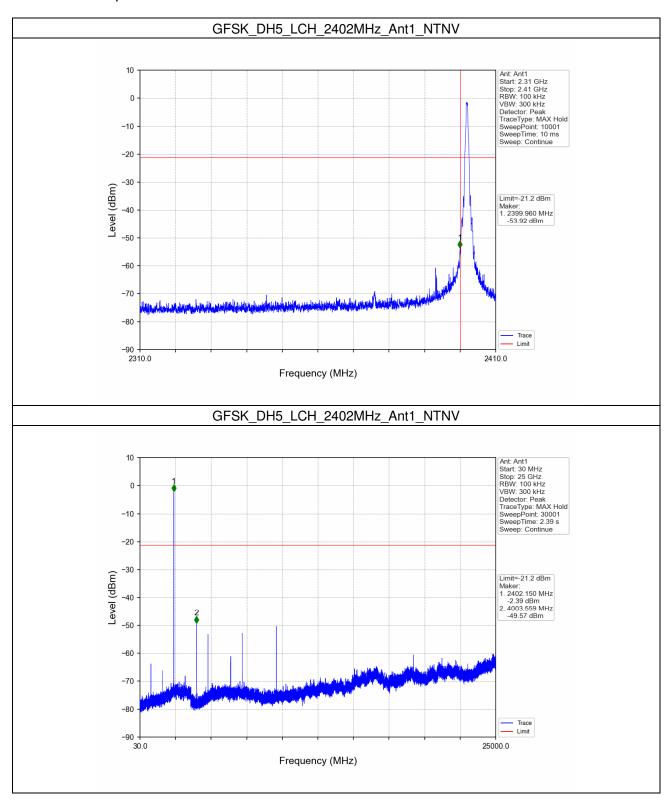
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#### 6.2.2 Test Graph





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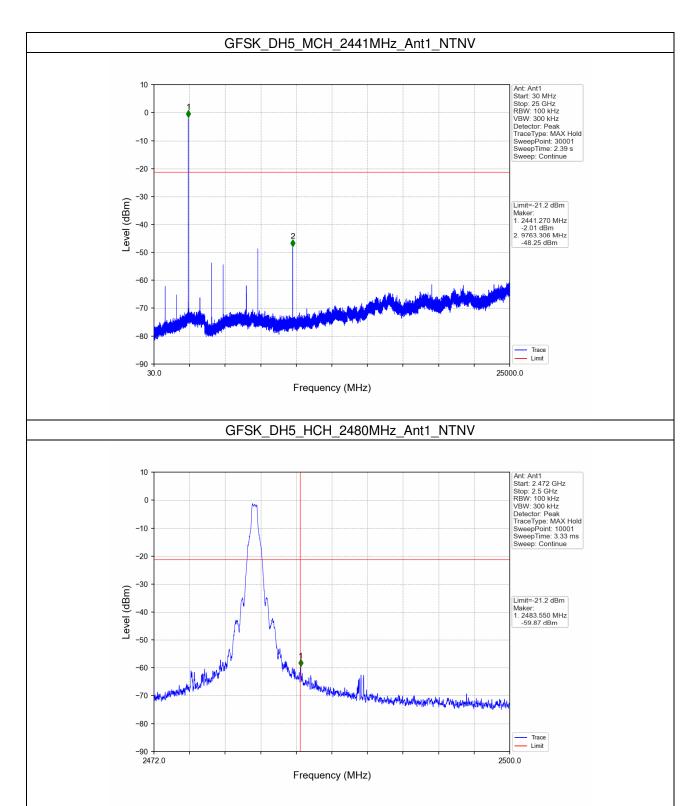
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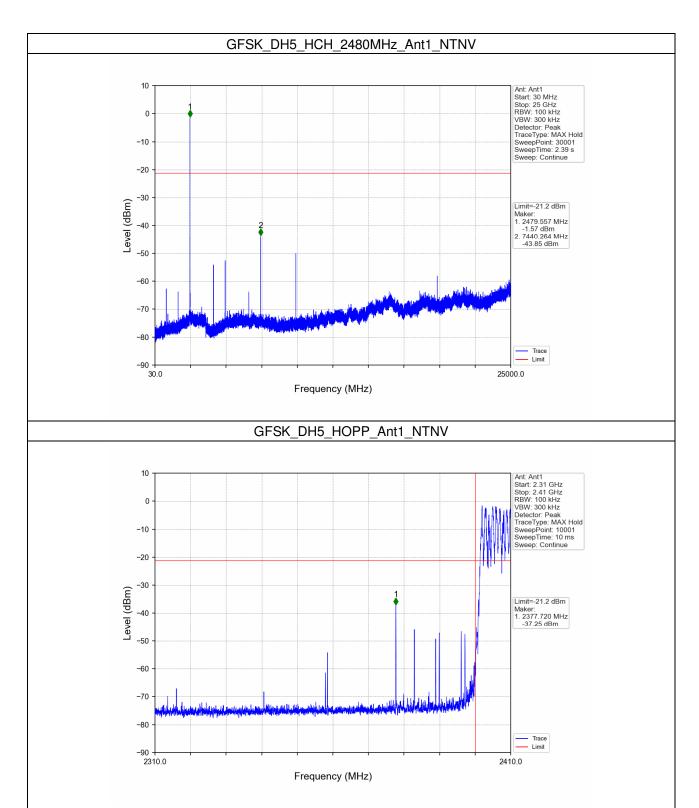
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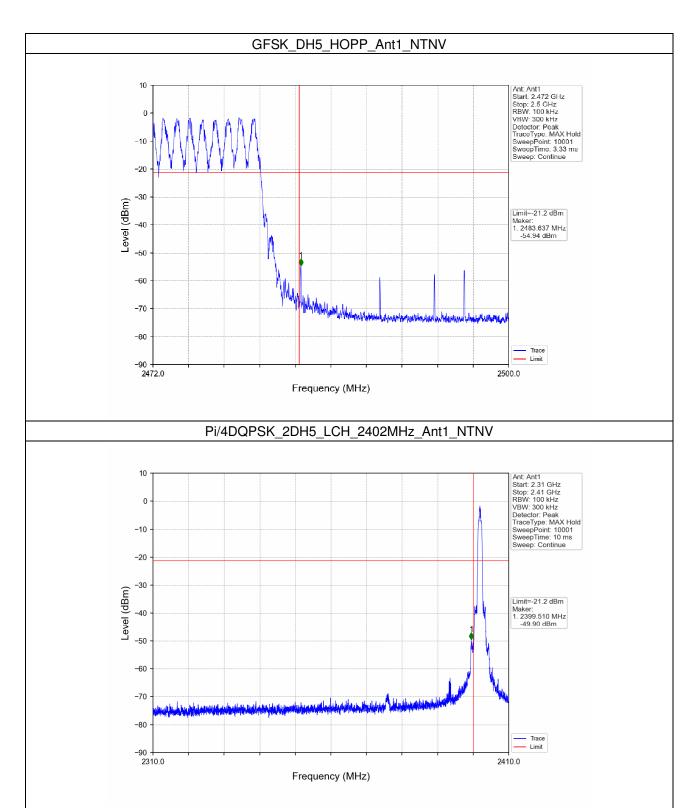
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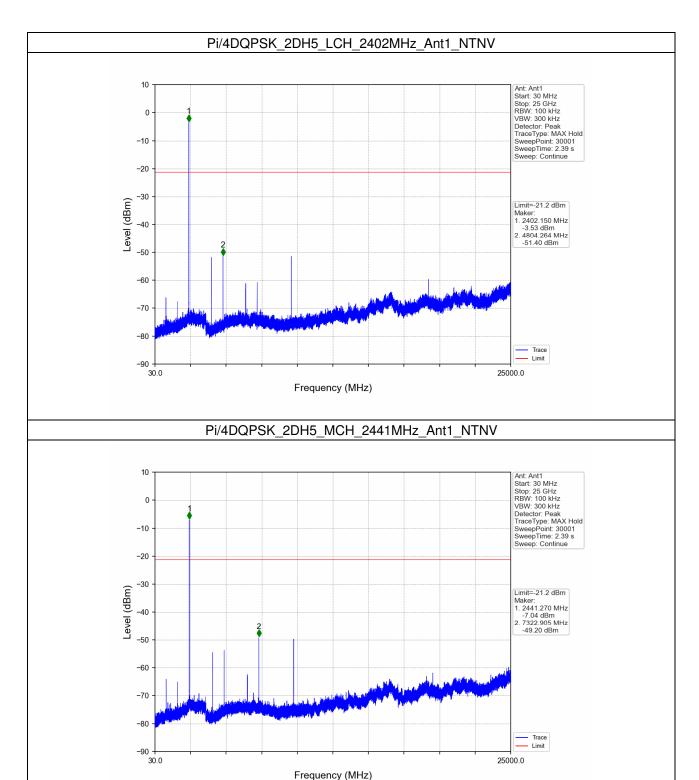
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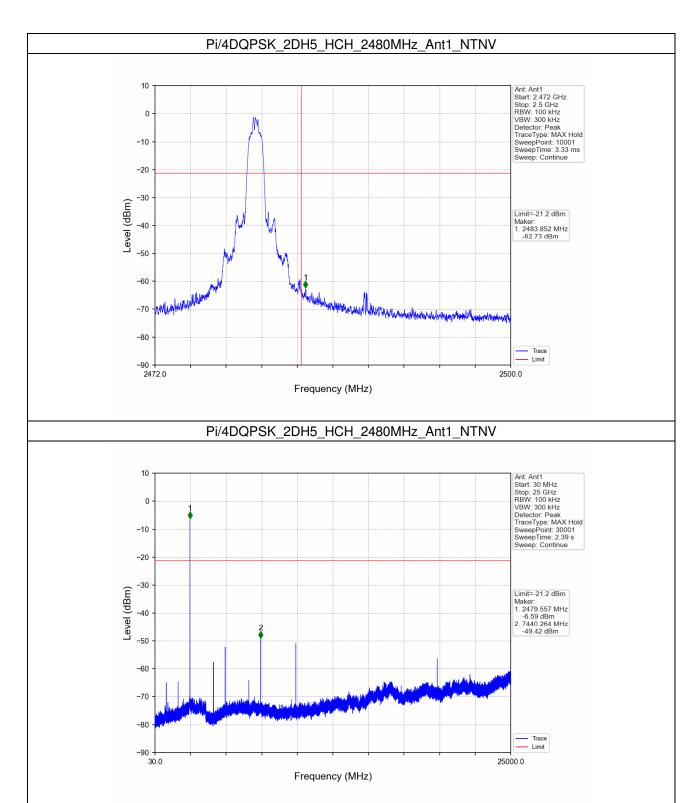
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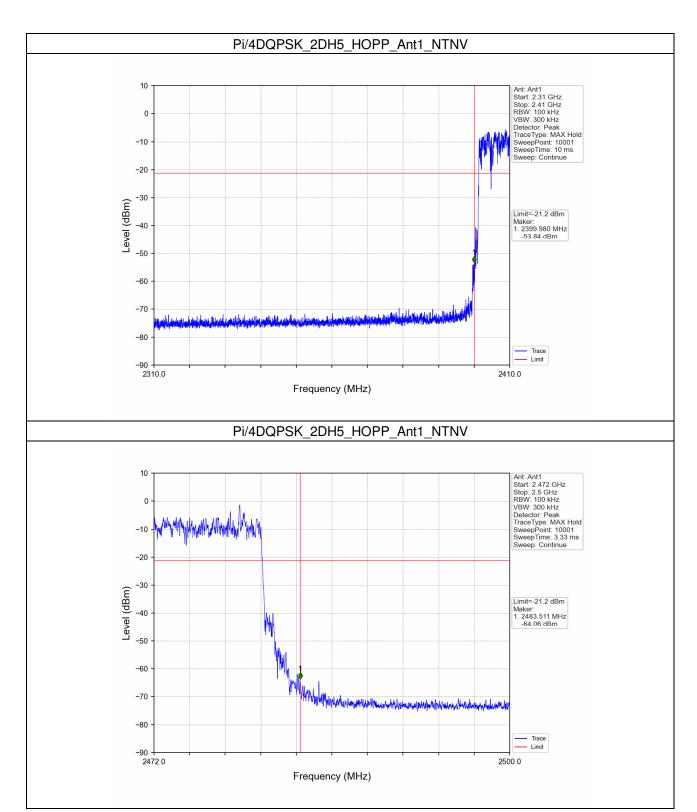
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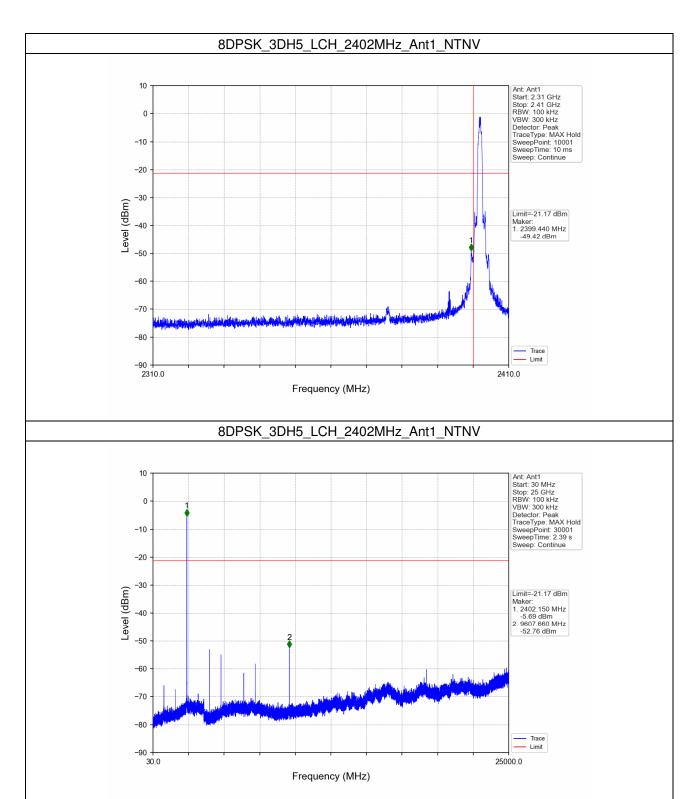
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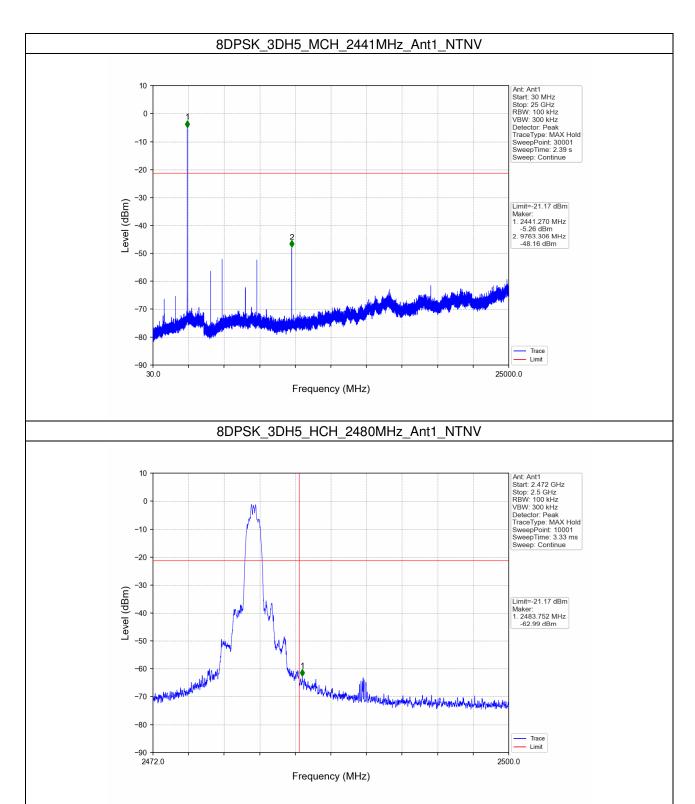
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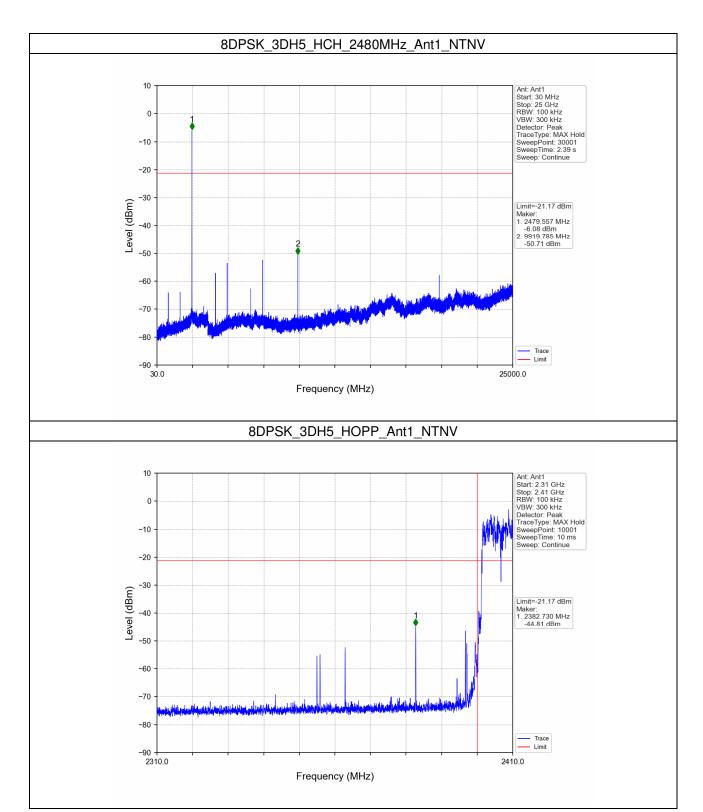
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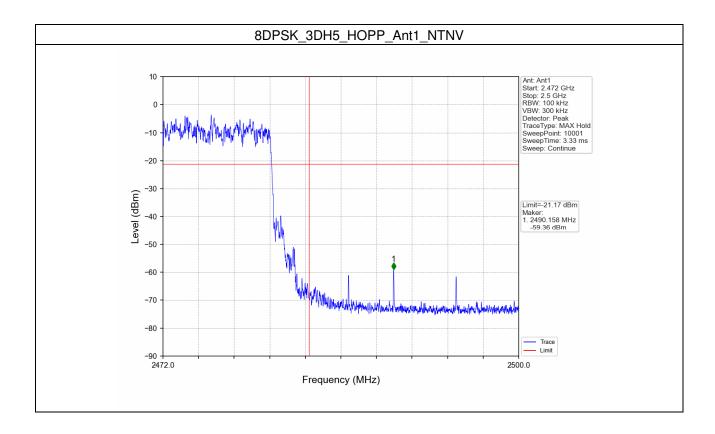
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#### 7. Form731

#### 7.1 Form731

#### 7.1.1 Test Result

Lower Freq	High Freq	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0008	-0.93

- End of the Report -



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