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Appendix for 15.247

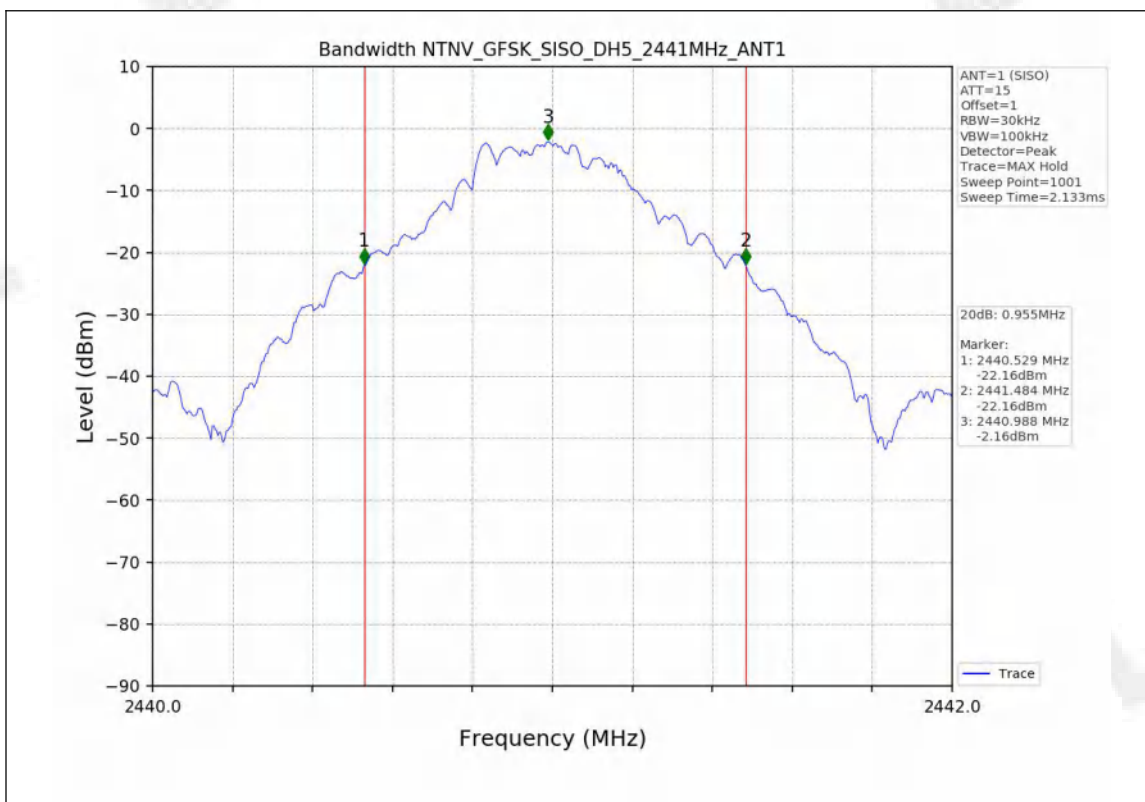
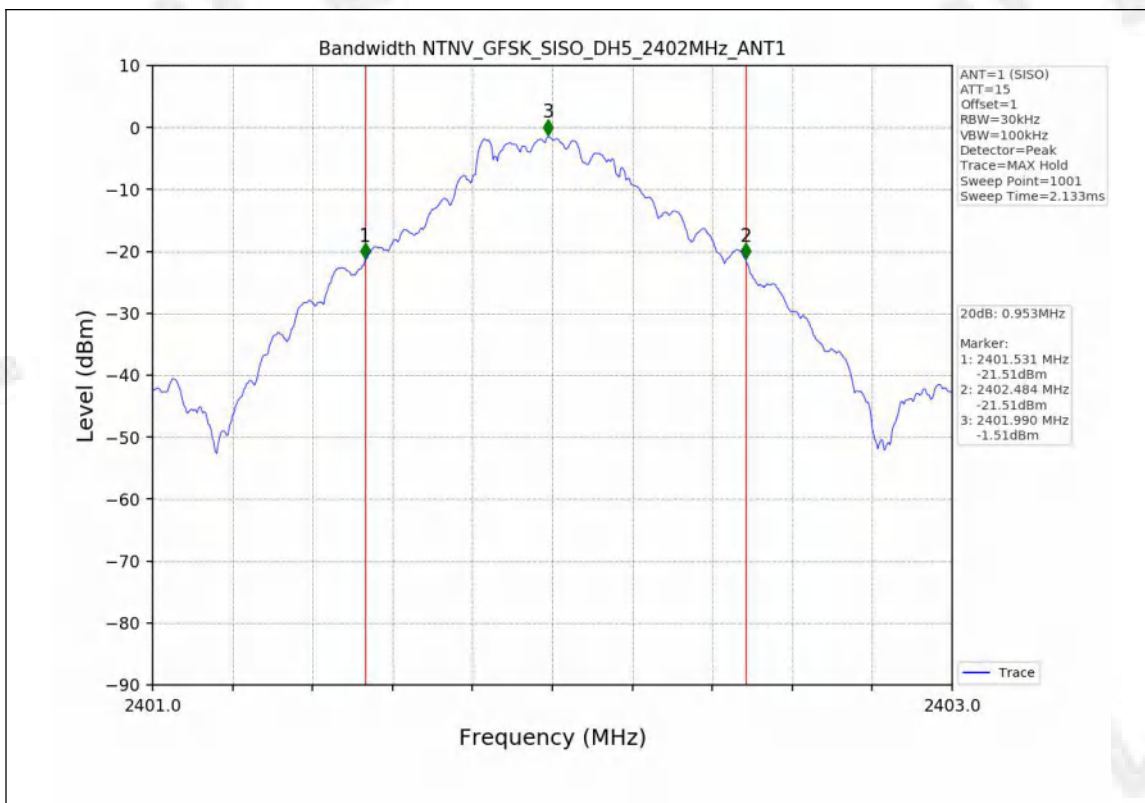
1. Bandwidth

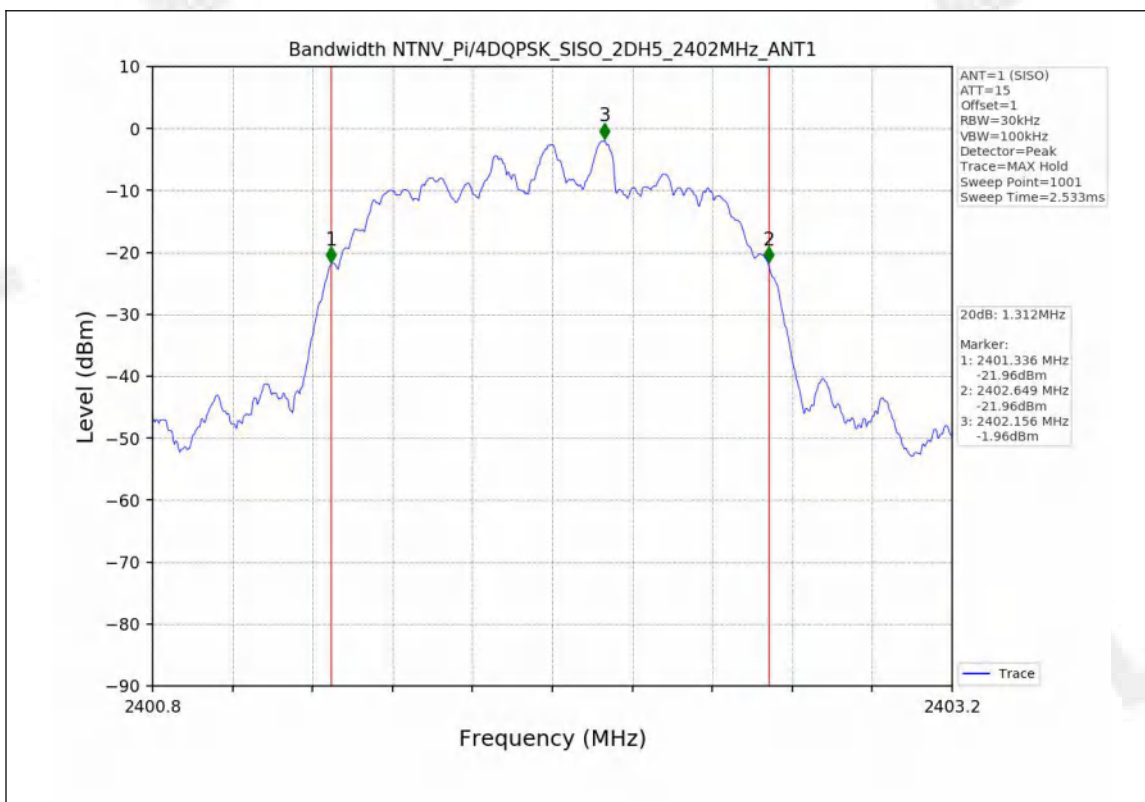
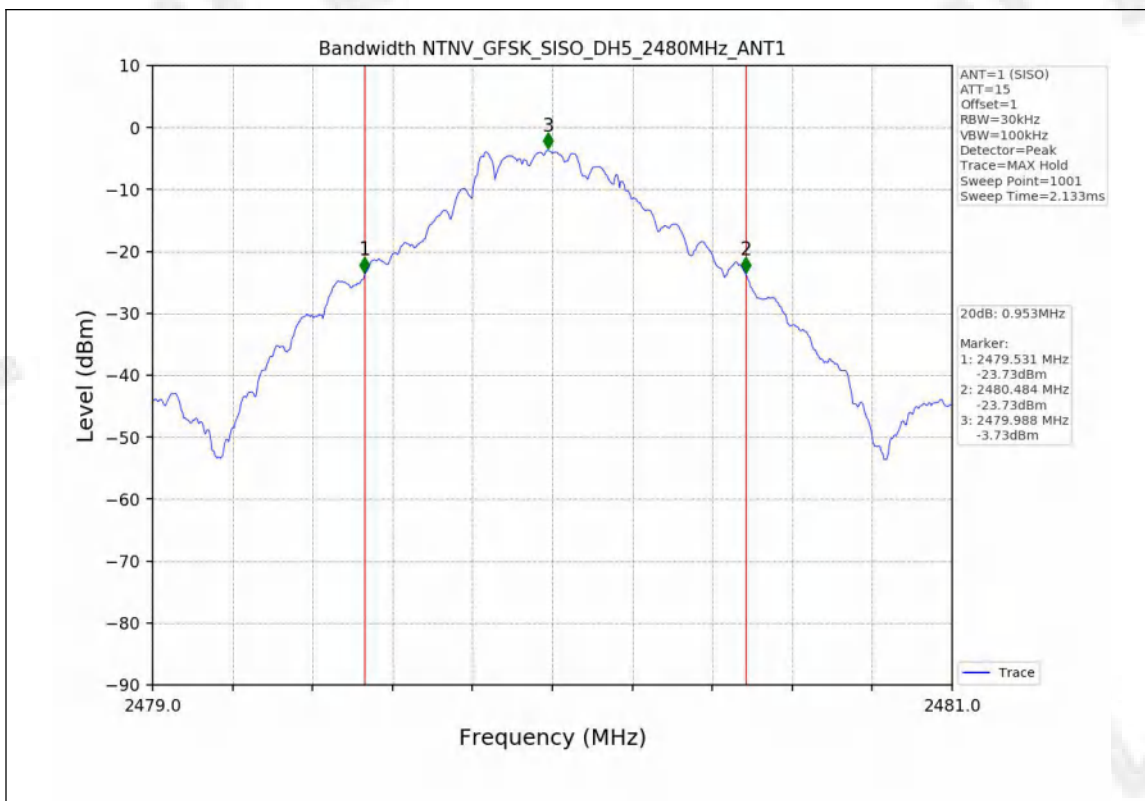
1.1 Test Result

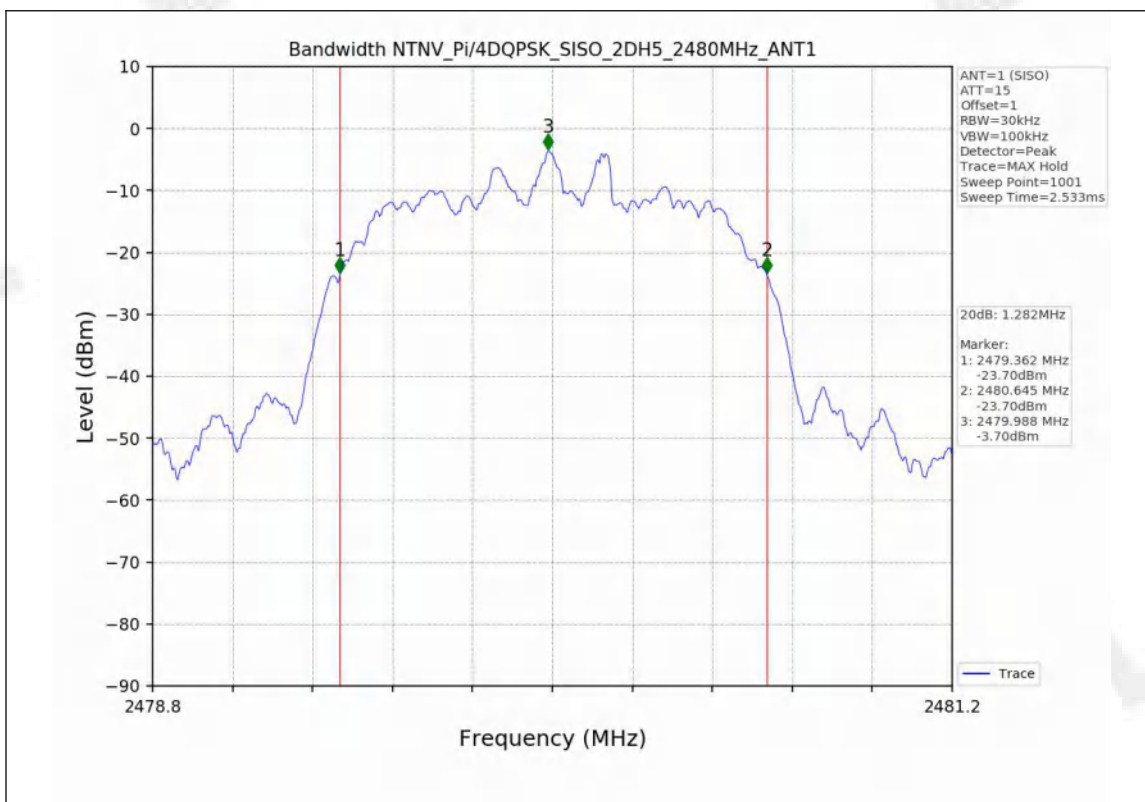
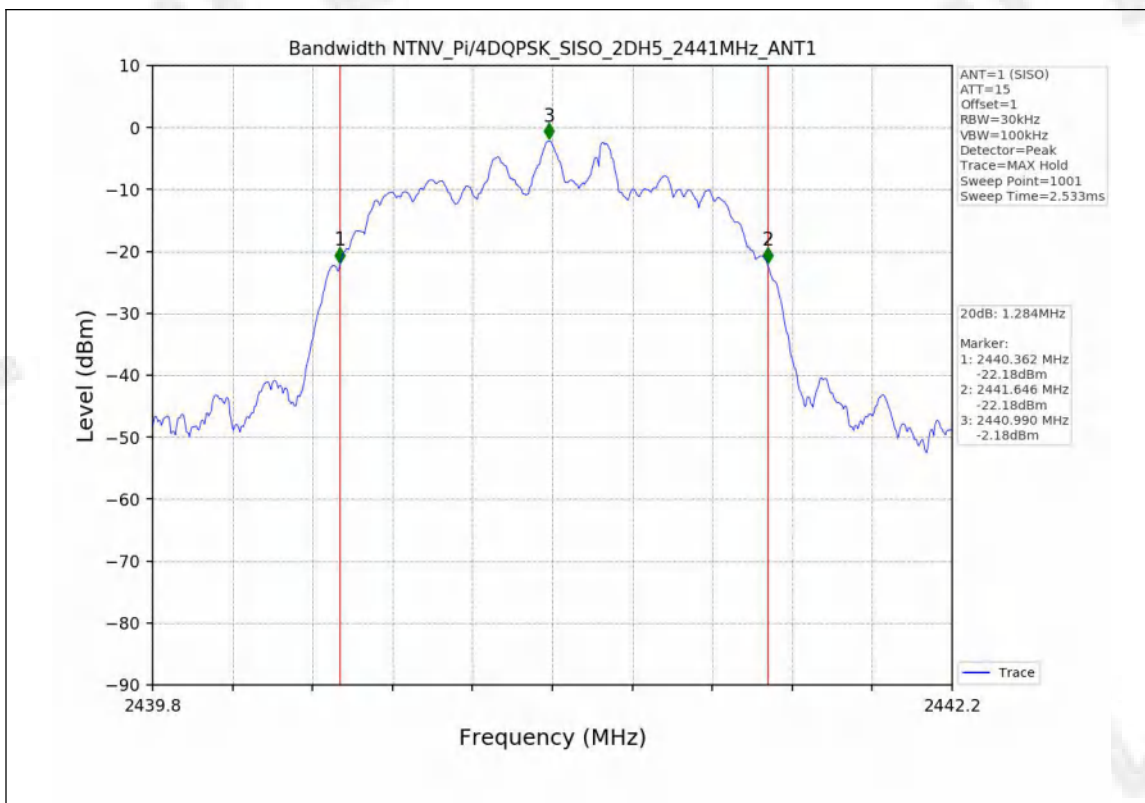
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.953	PASS
	2441	SISO	1	0.955	PASS
	2480	SISO	1	0.953	PASS
Pi/4DQPSK	2402	SISO	1	1.312	PASS
	2441	SISO	1	1.284	PASS
	2480	SISO	1	1.282	PASS
8DPSK	2402	SISO	1	1.304	PASS
	2441	SISO	1	1.303	PASS
	2480	SISO	1	1.299	PASS

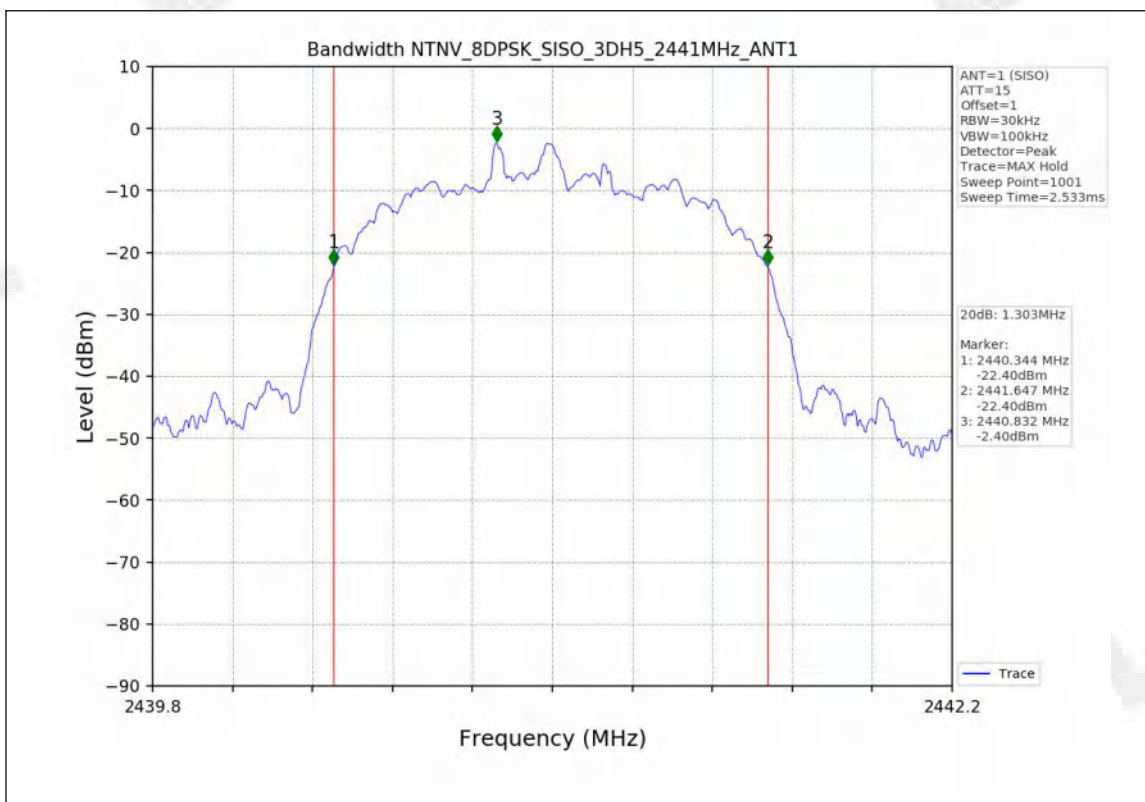
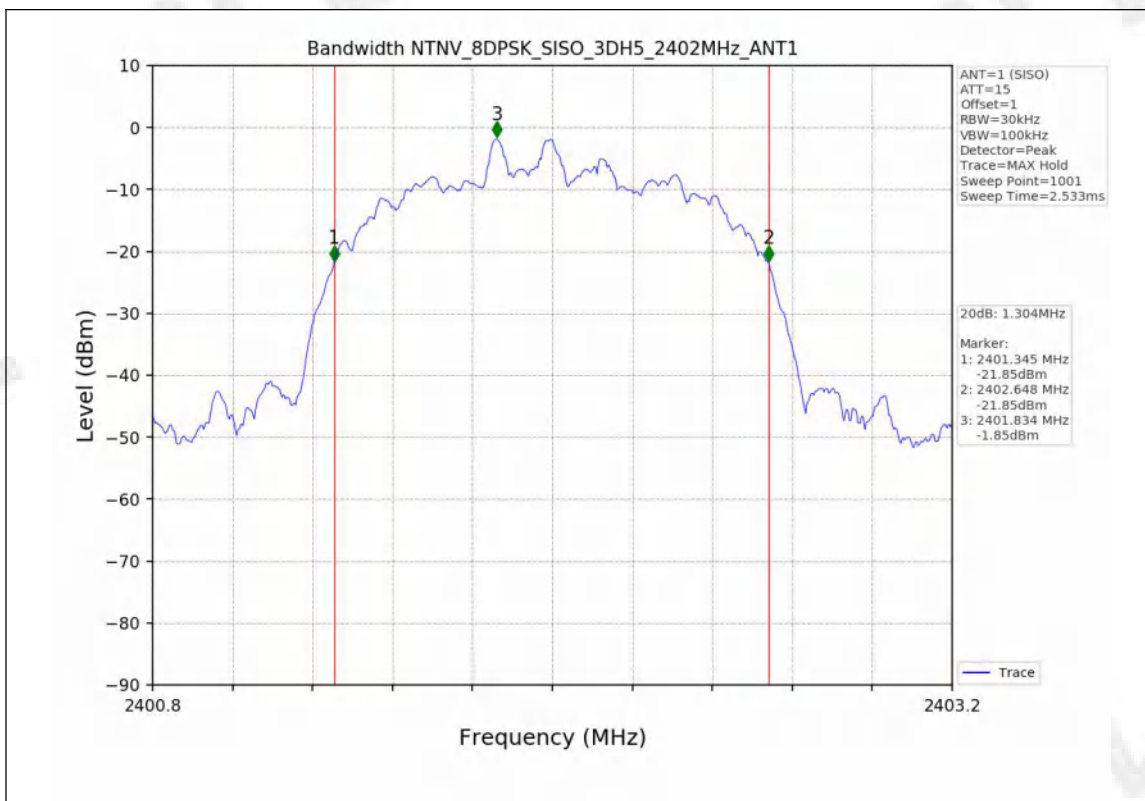
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.851	Only for Report Use
	2441	SISO	1	0.851	Only for Report Use
	2480	SISO	1	0.848	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.184	Only for Report Use
	2441	SISO	1	1.179	Only for Report Use
	2480	SISO	1	1.174	Only for Report Use
8DPSK	2402	SISO	1	1.185	Only for Report Use
	2441	SISO	1	1.183	Only for Report Use
	2480	SISO	1	1.188	Only for Report Use

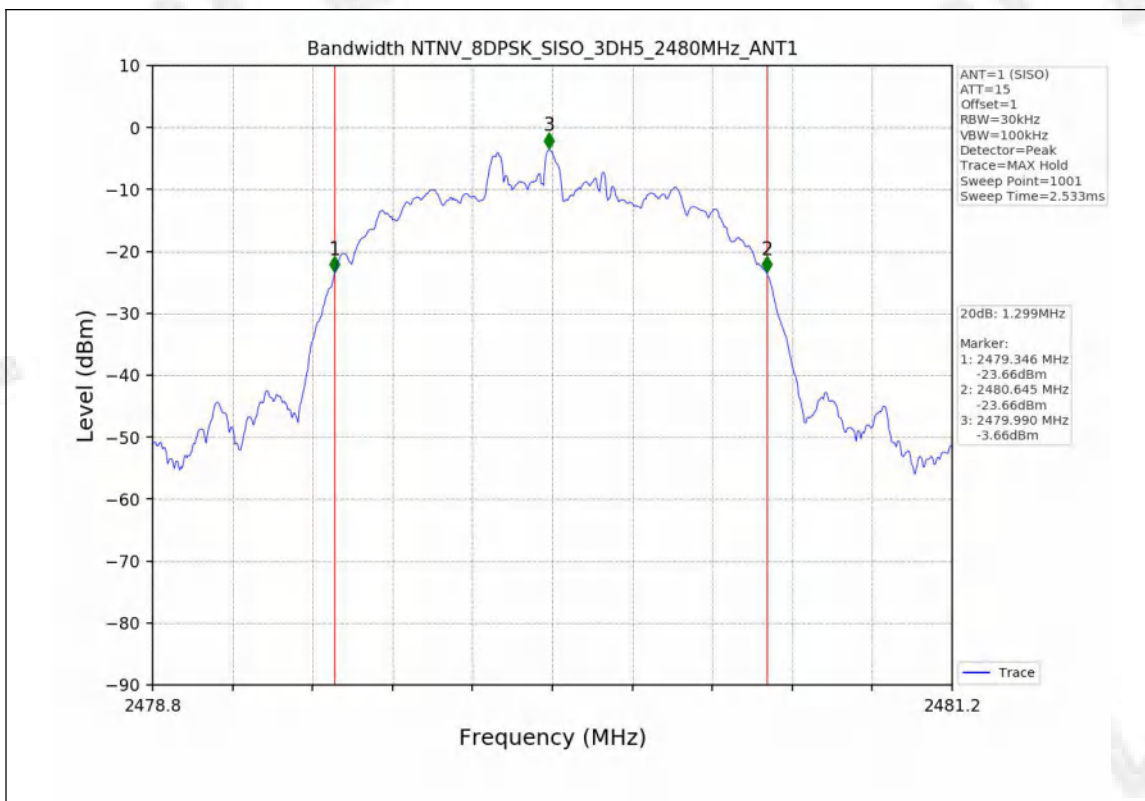
1.2 Test Graph - 20dB Bandwidth



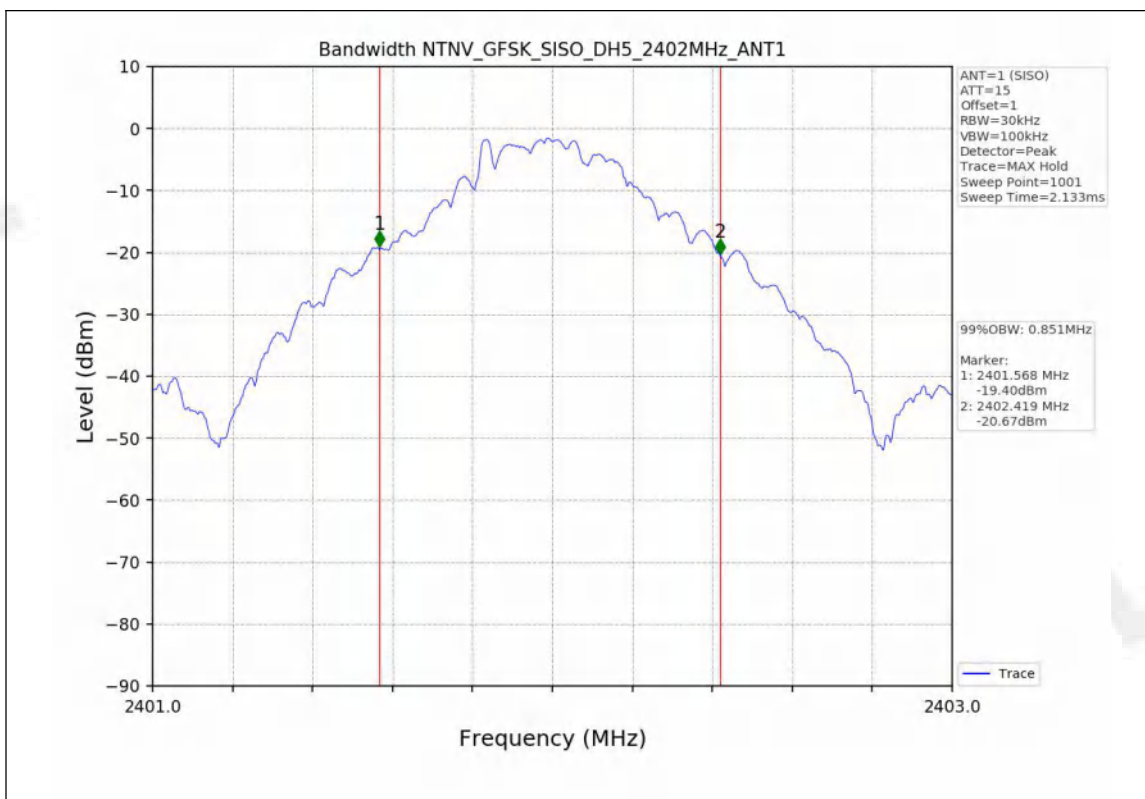


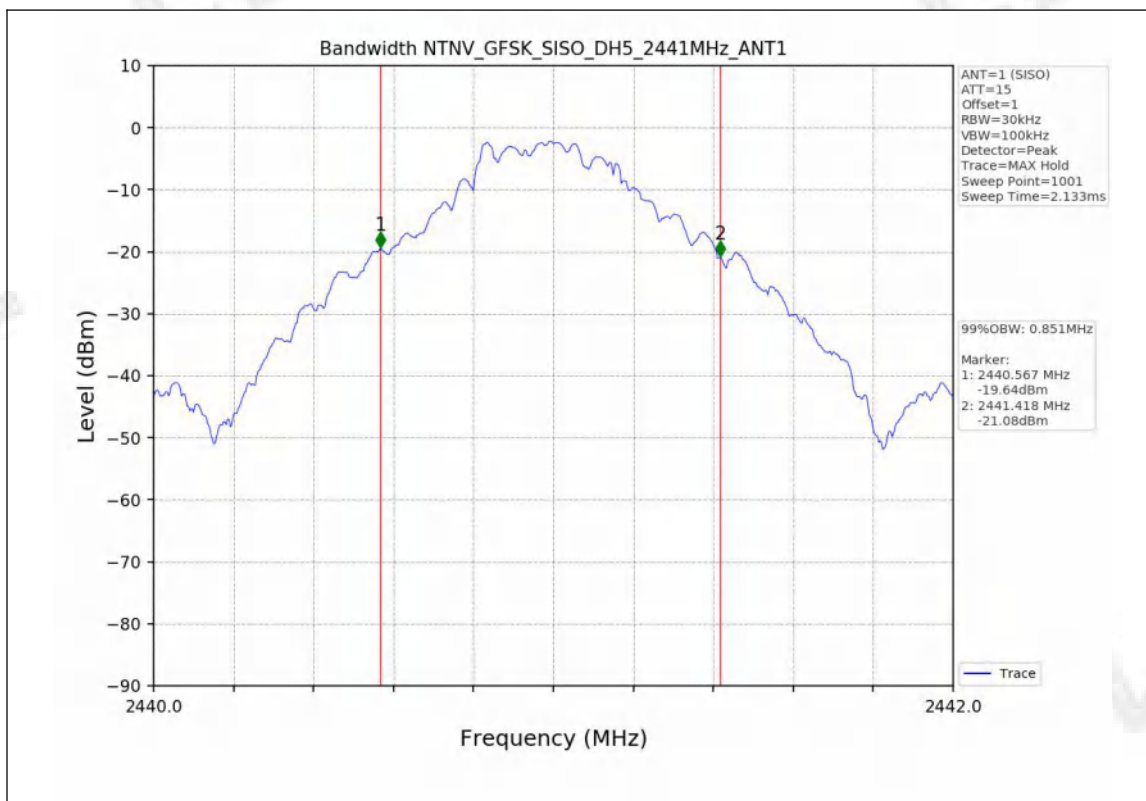


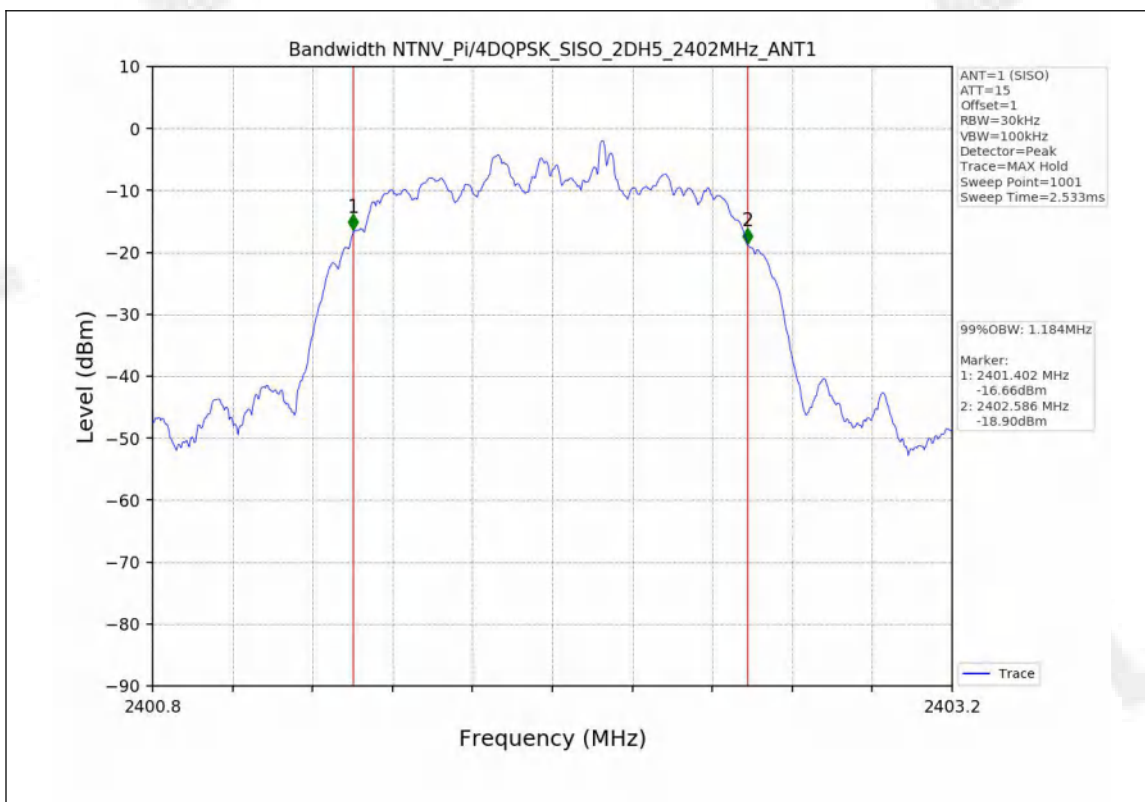
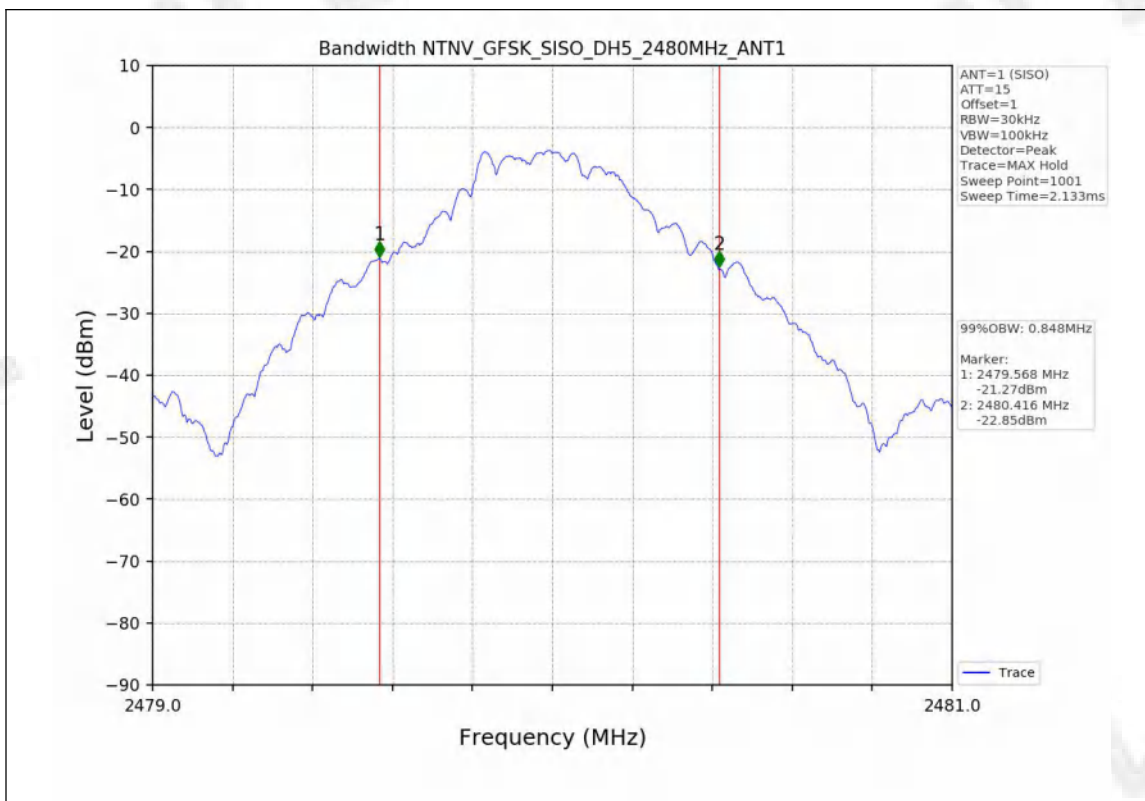


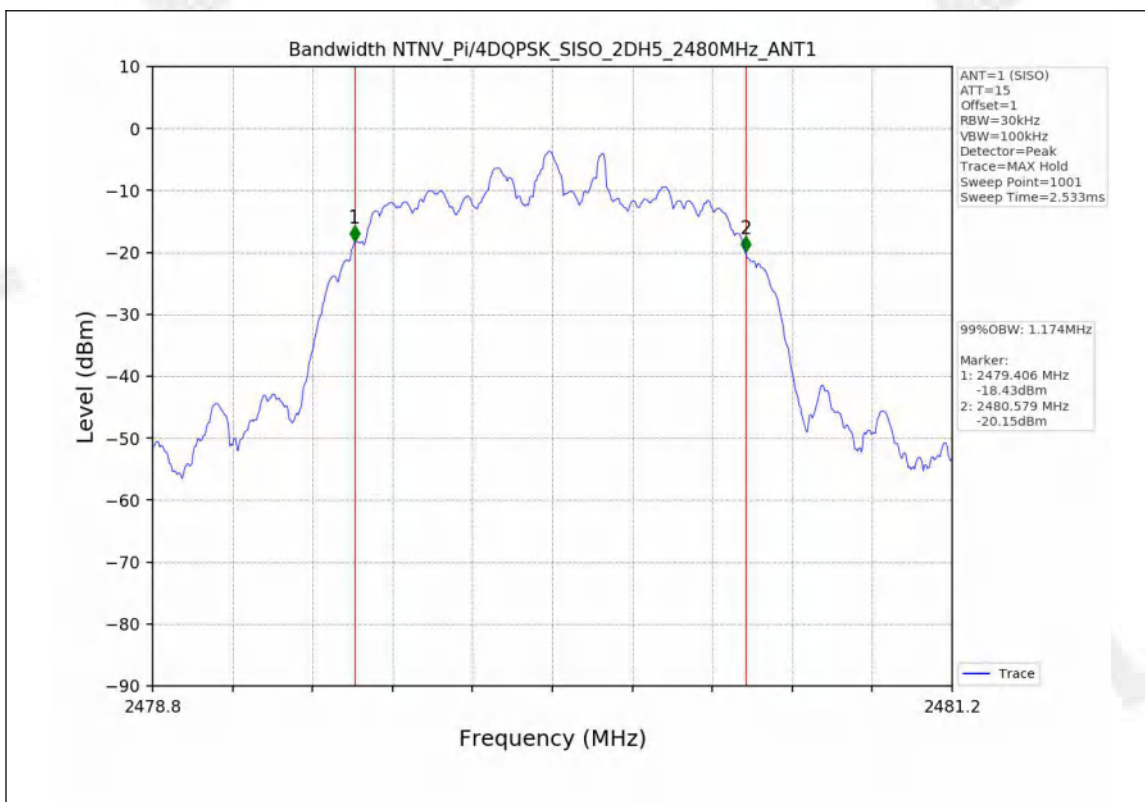
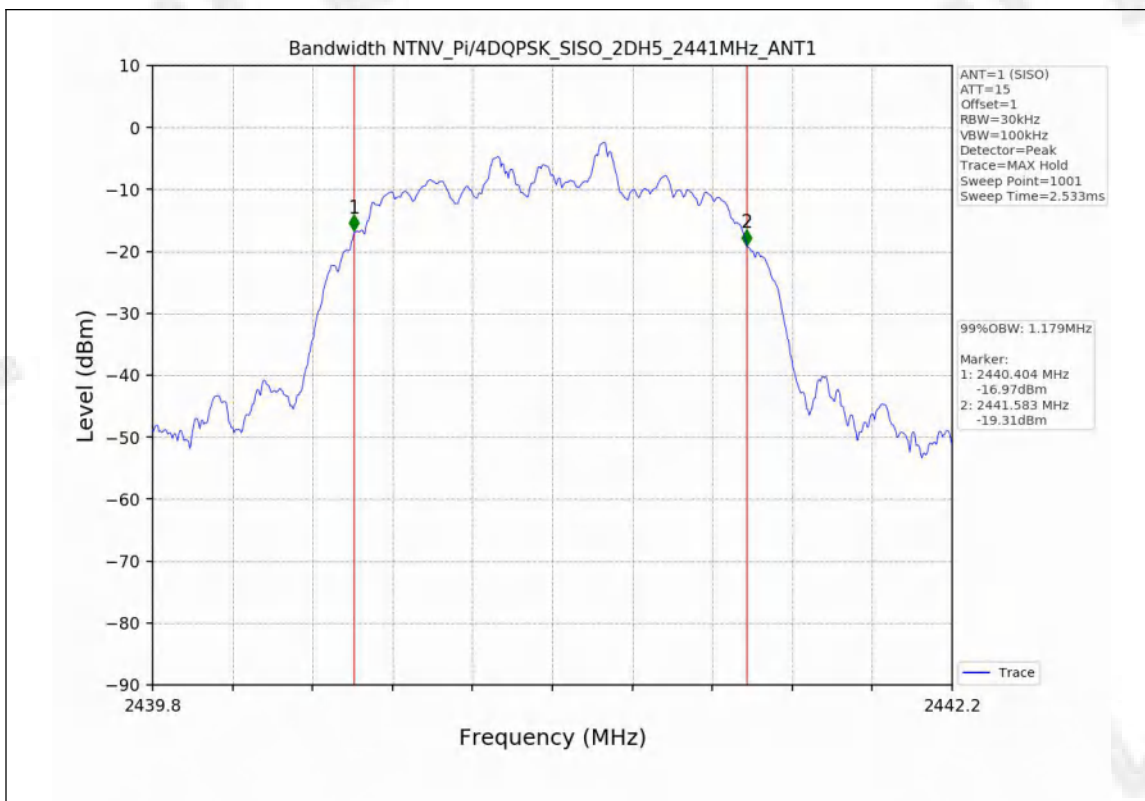


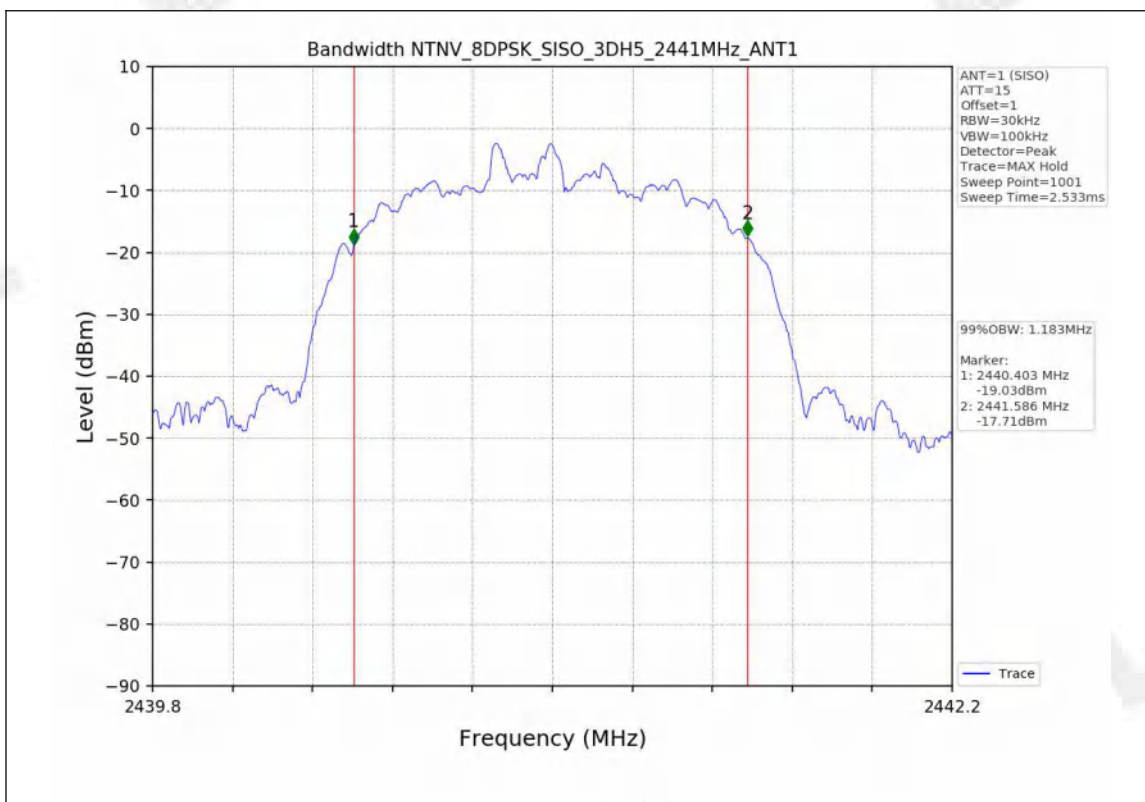
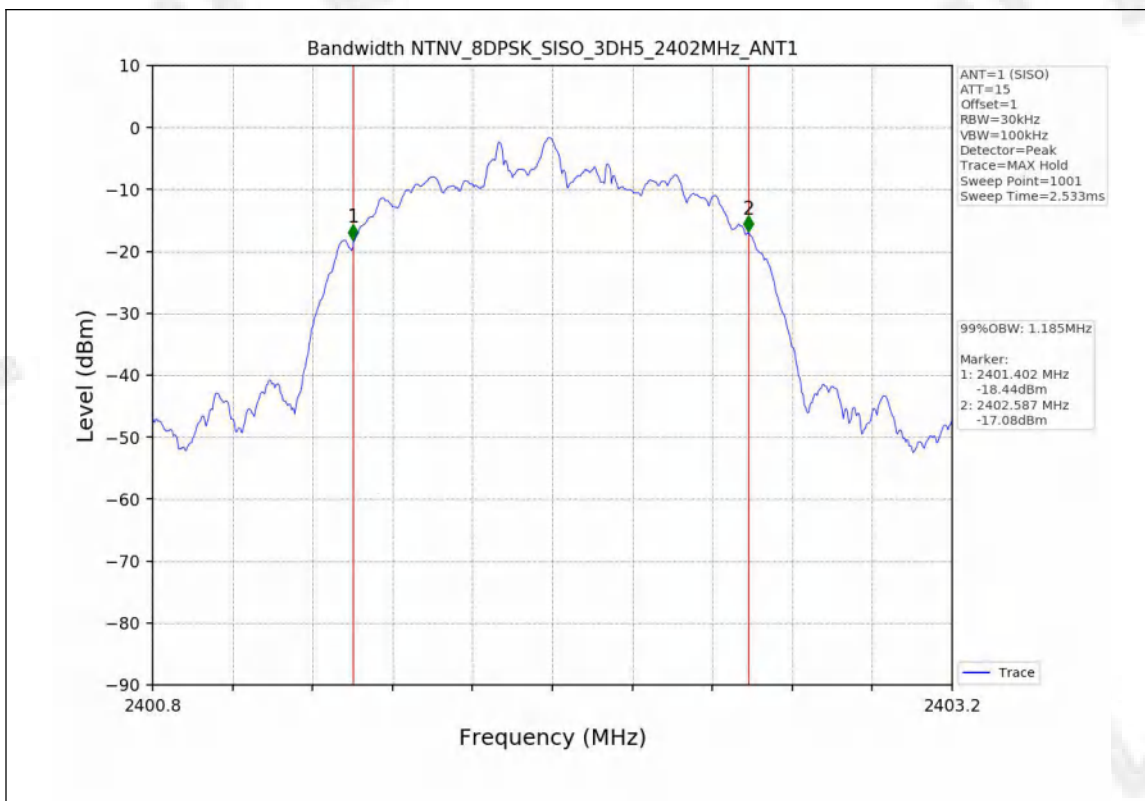
1.3 Test Graph - 99% Occupied Bandwidth

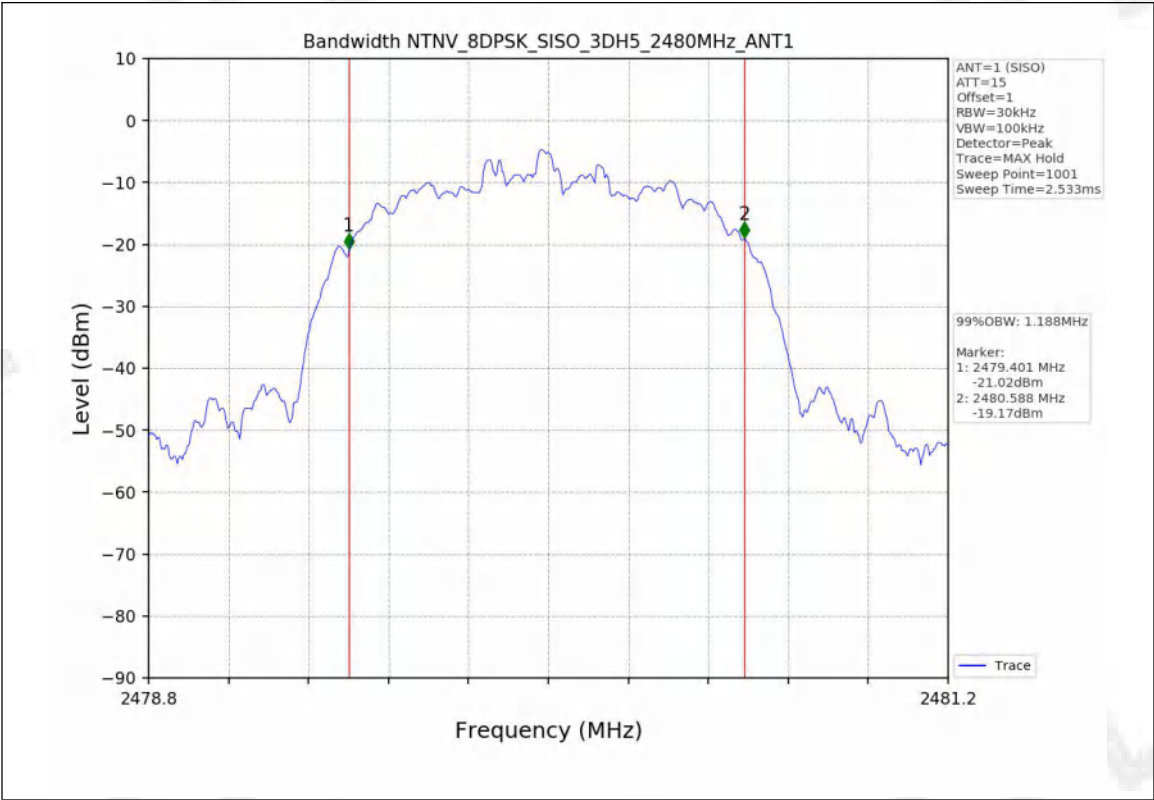










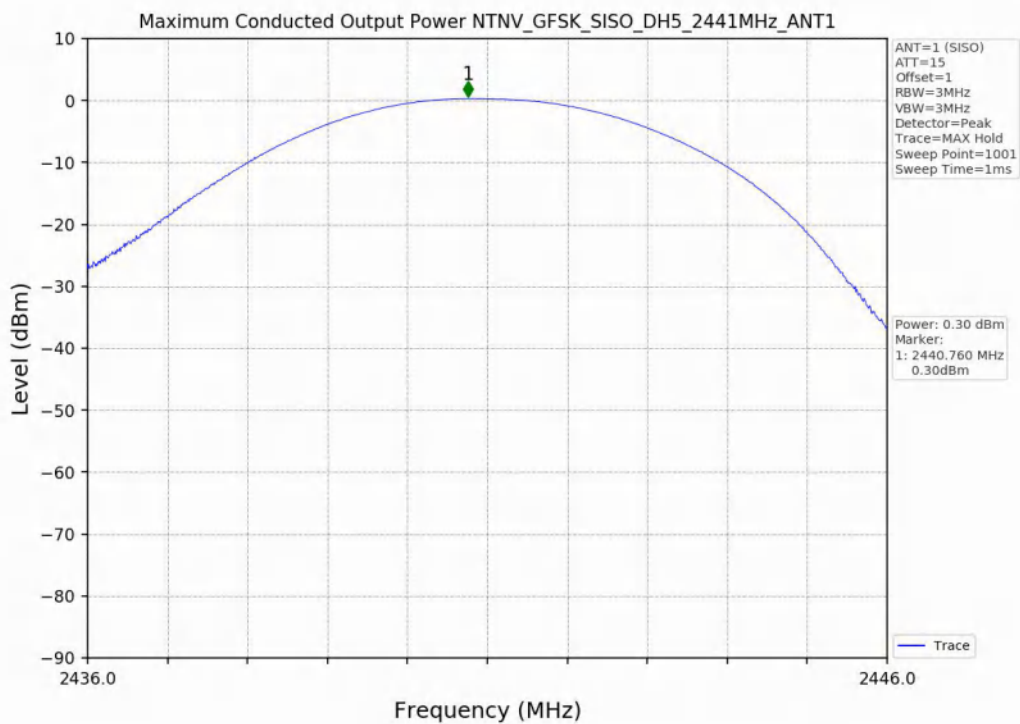
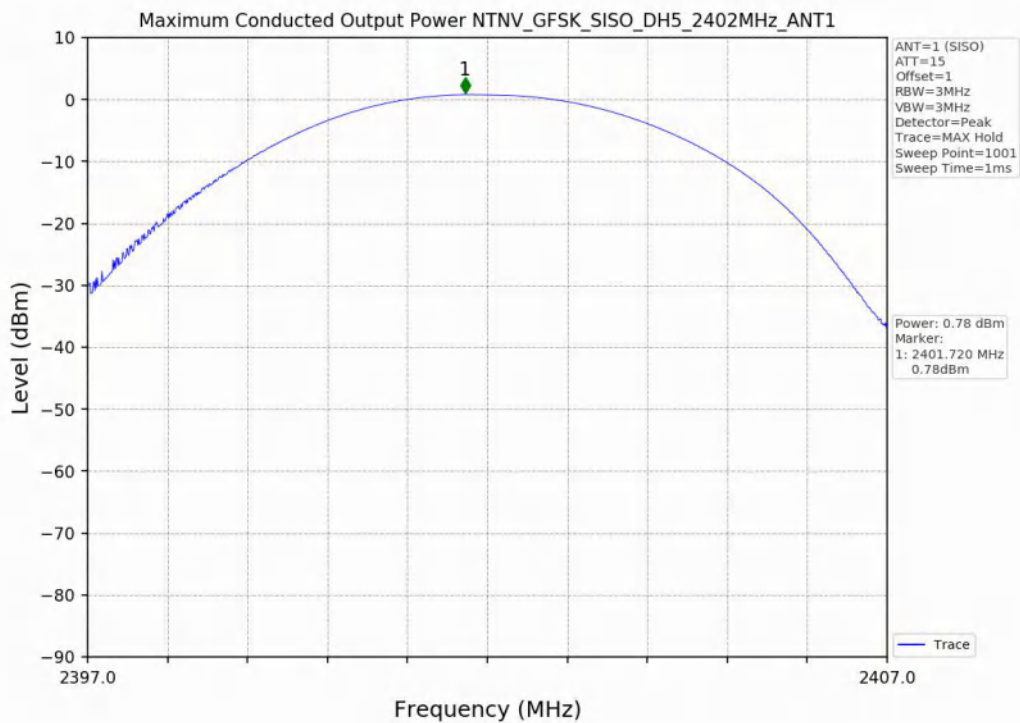


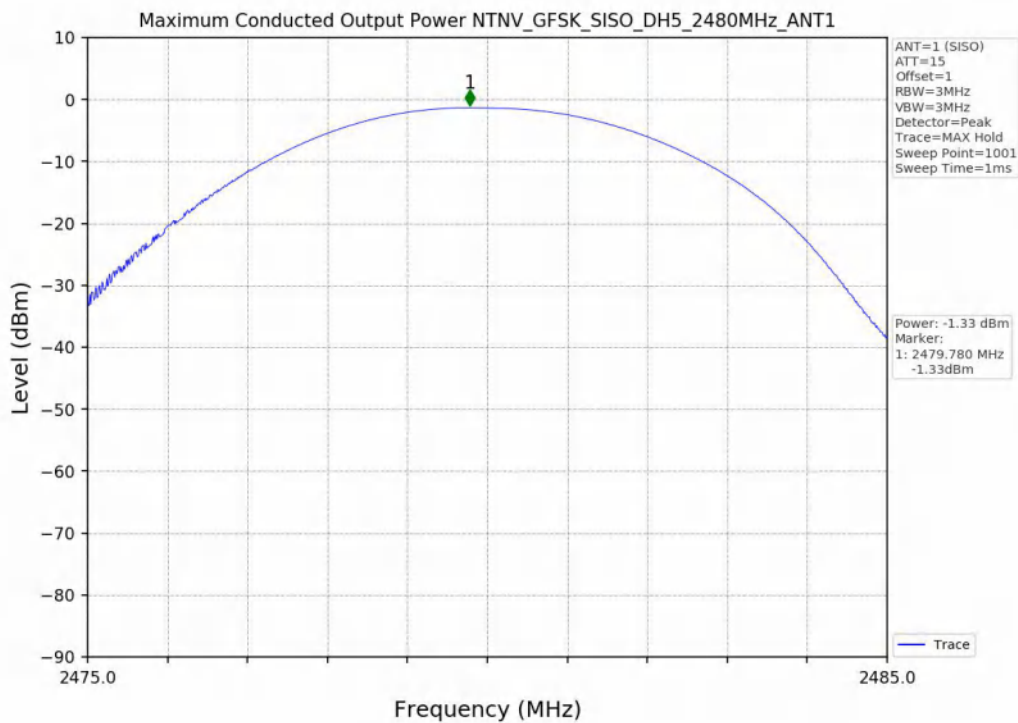
2. Maximum Conducted Output Power

2.1 Test Result

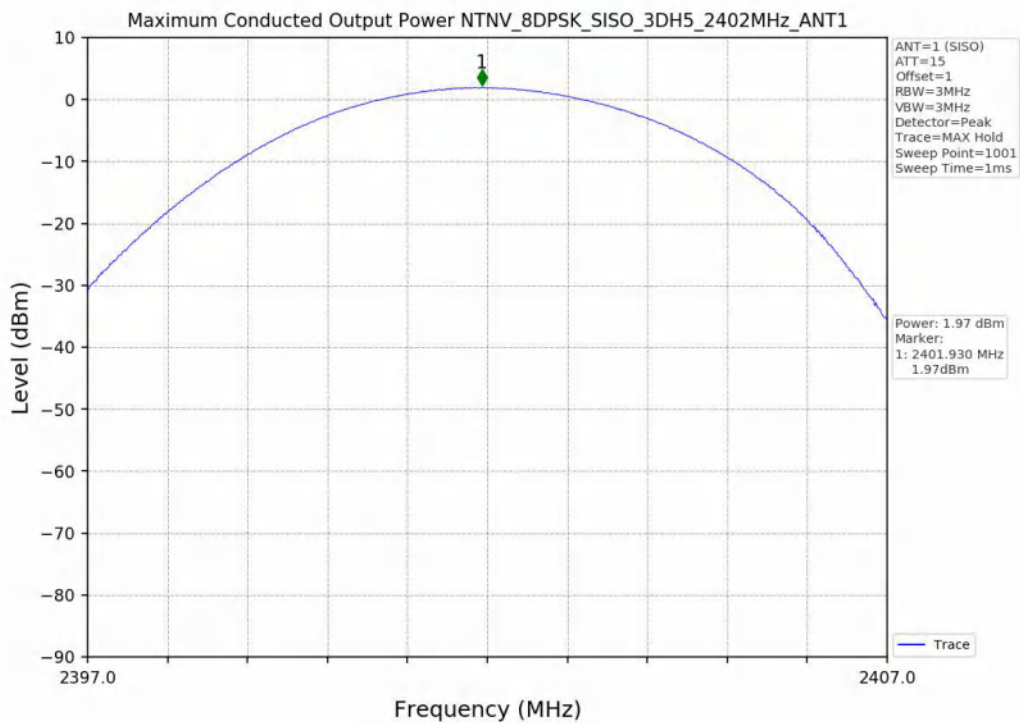
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	0.78	30	PASS
	2441	SISO	0.30	30	PASS
	2480	SISO	-1.33	30	PASS
Pi/4DQPSK	2402	SISO	1.57	20.97	PASS
	2441	SISO	1.10	20.97	PASS
	2480	SISO	-0.41	20.97	PASS
8DPSK	2402	SISO	1.97	20.97	PASS
	2441	SISO	1.54	20.97	PASS
	2480	SISO	-0.01	20.97	PASS

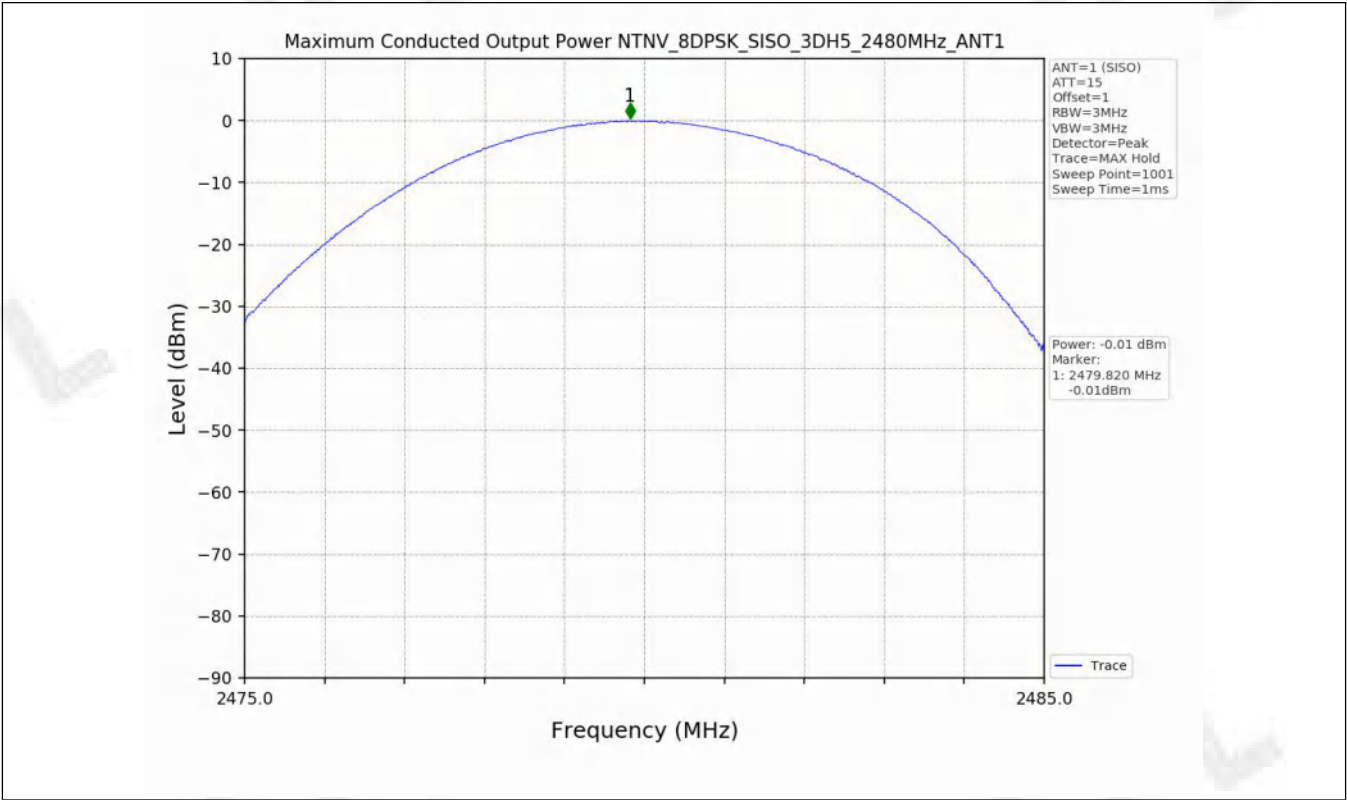
2.2 Test Graph









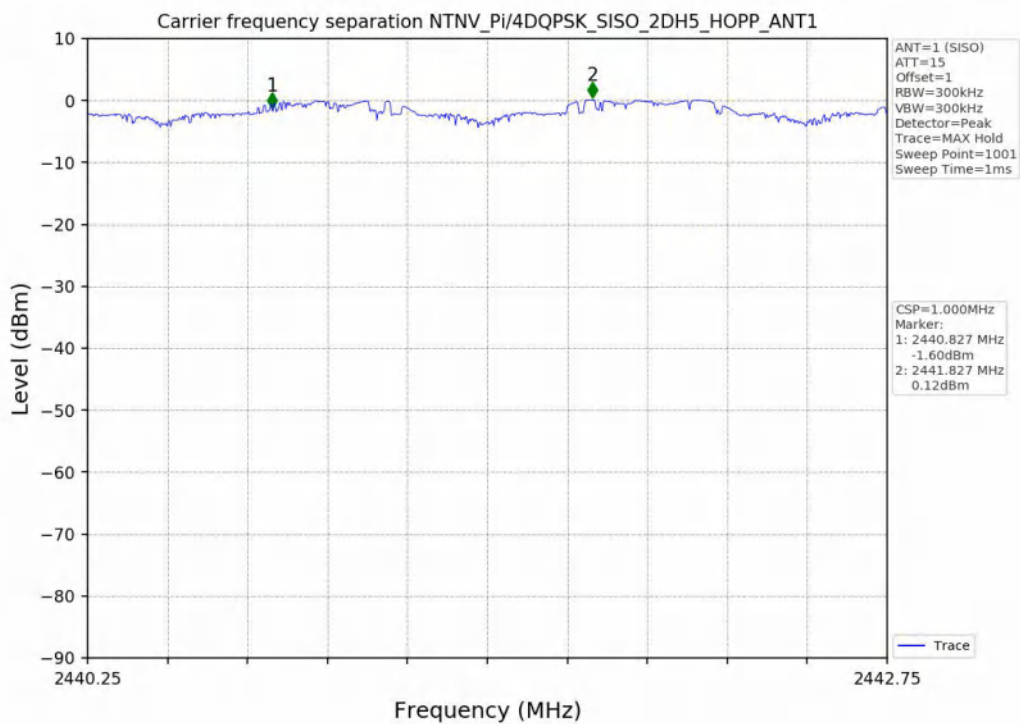
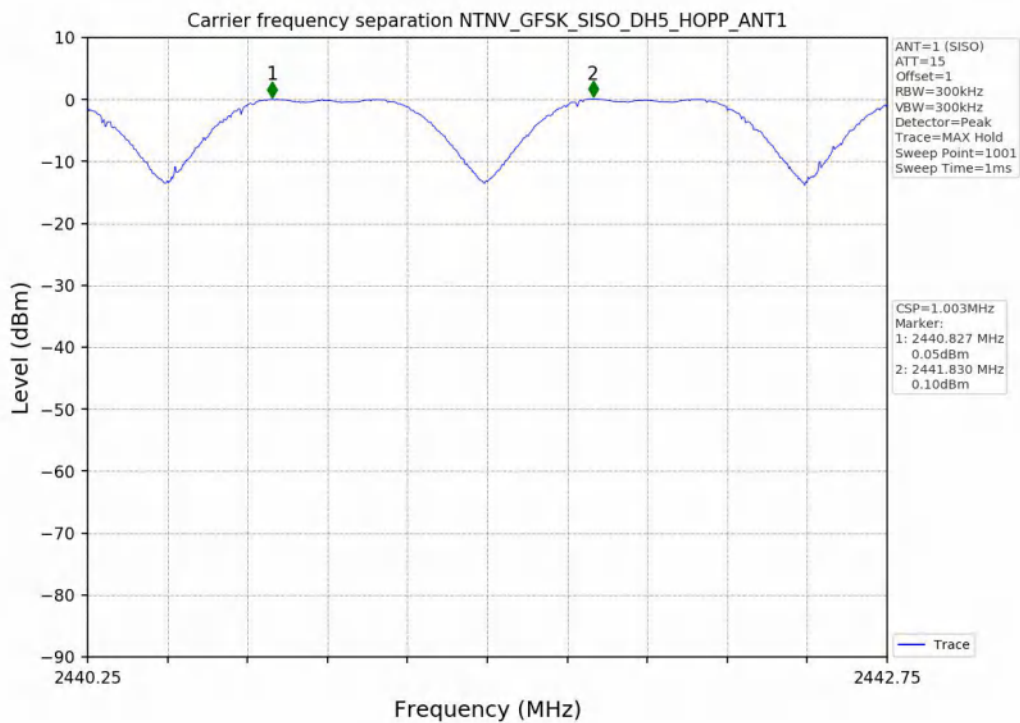


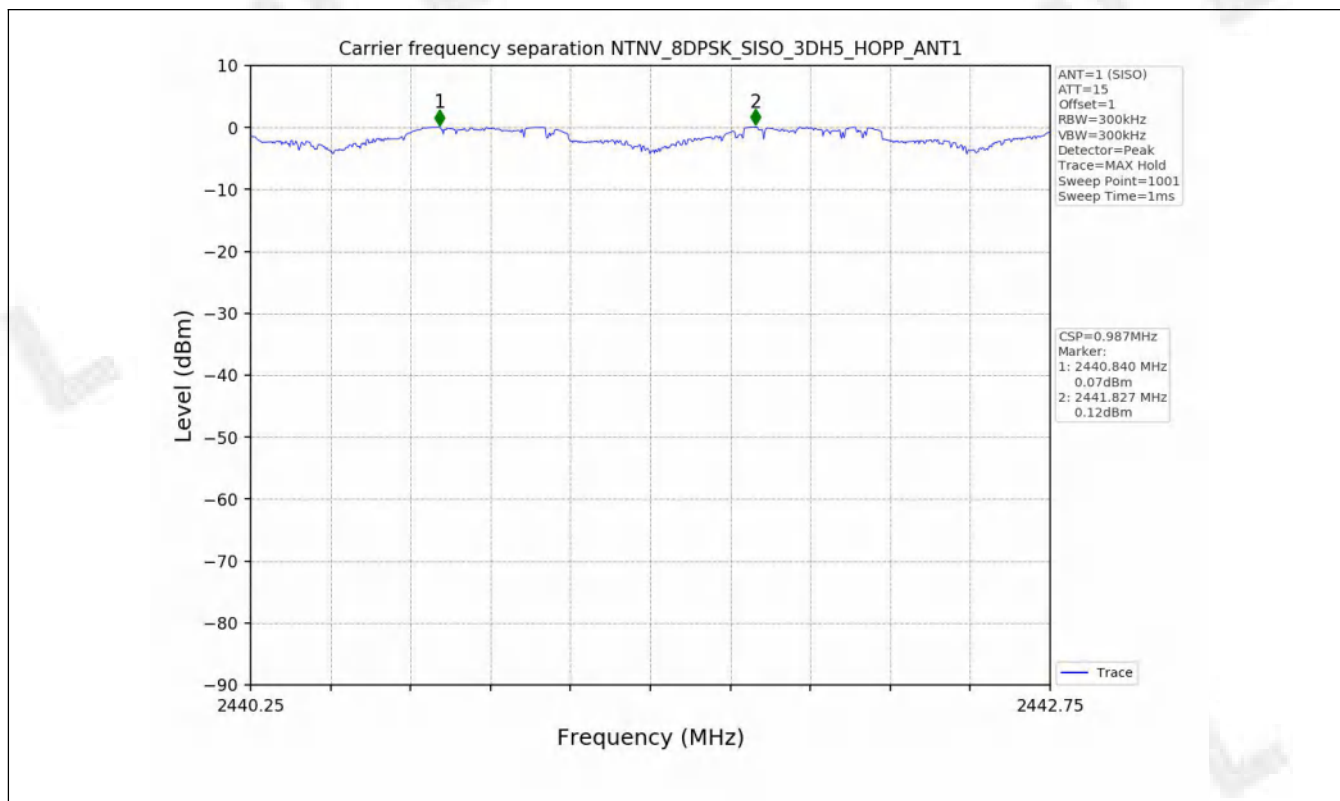
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.003	0.955	≥ 0.955	PASS
Pi/4DQPSK	SISO	1	1.000	1.312	≥ 0.875	PASS
8DPSK	SISO	1	0.987	1.304	≥ 0.869	PASS

3.2 Test Graph



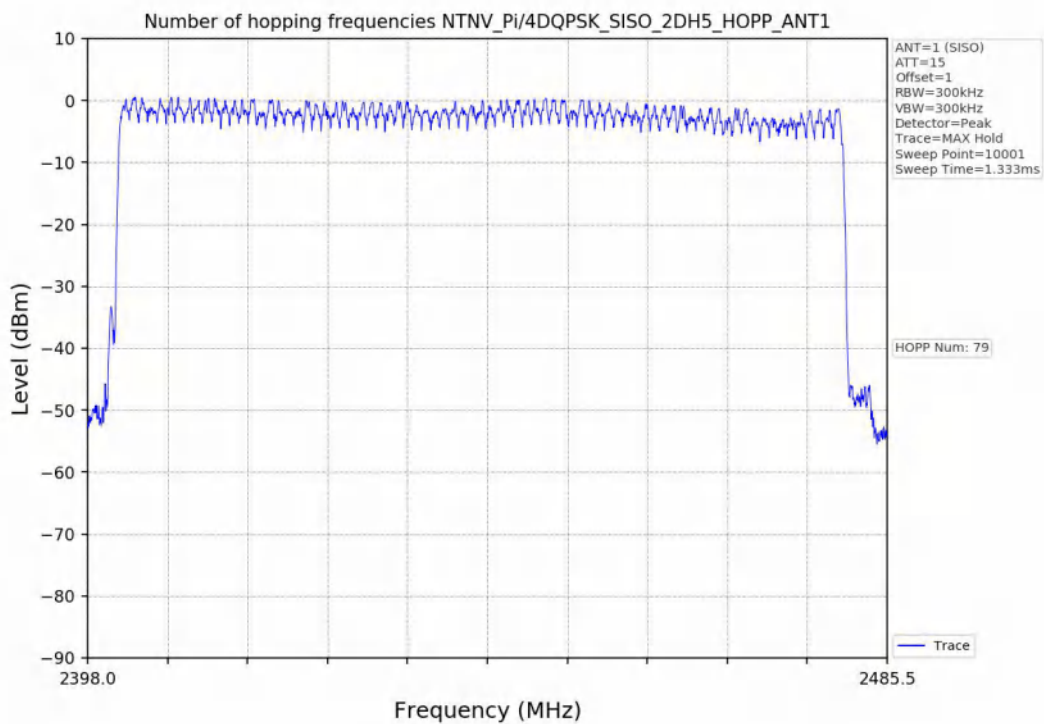
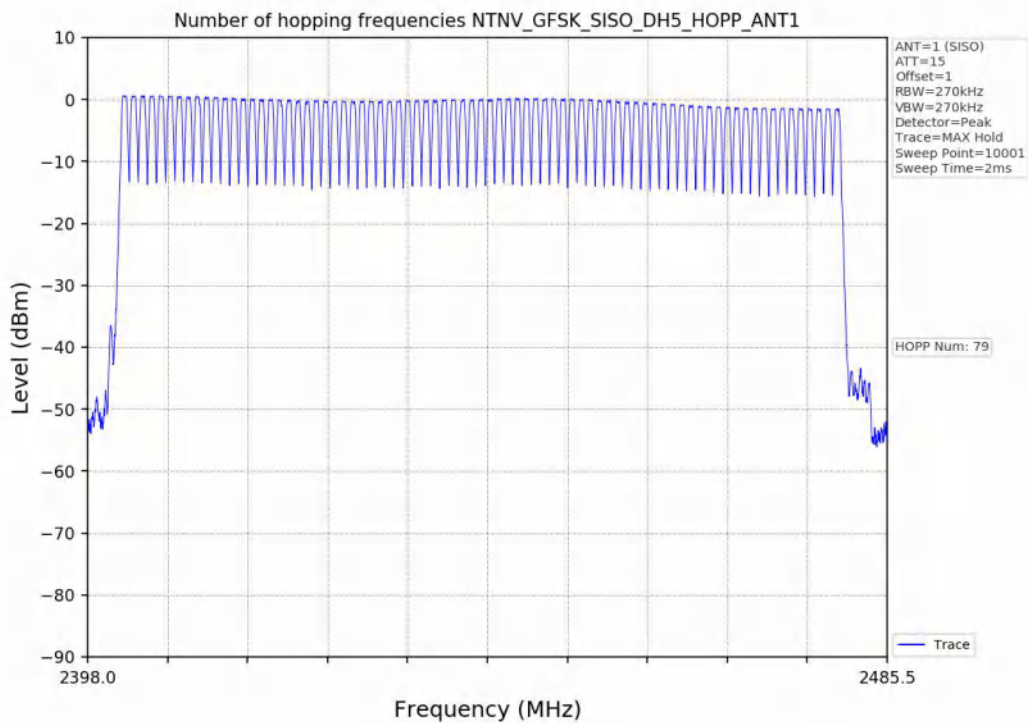


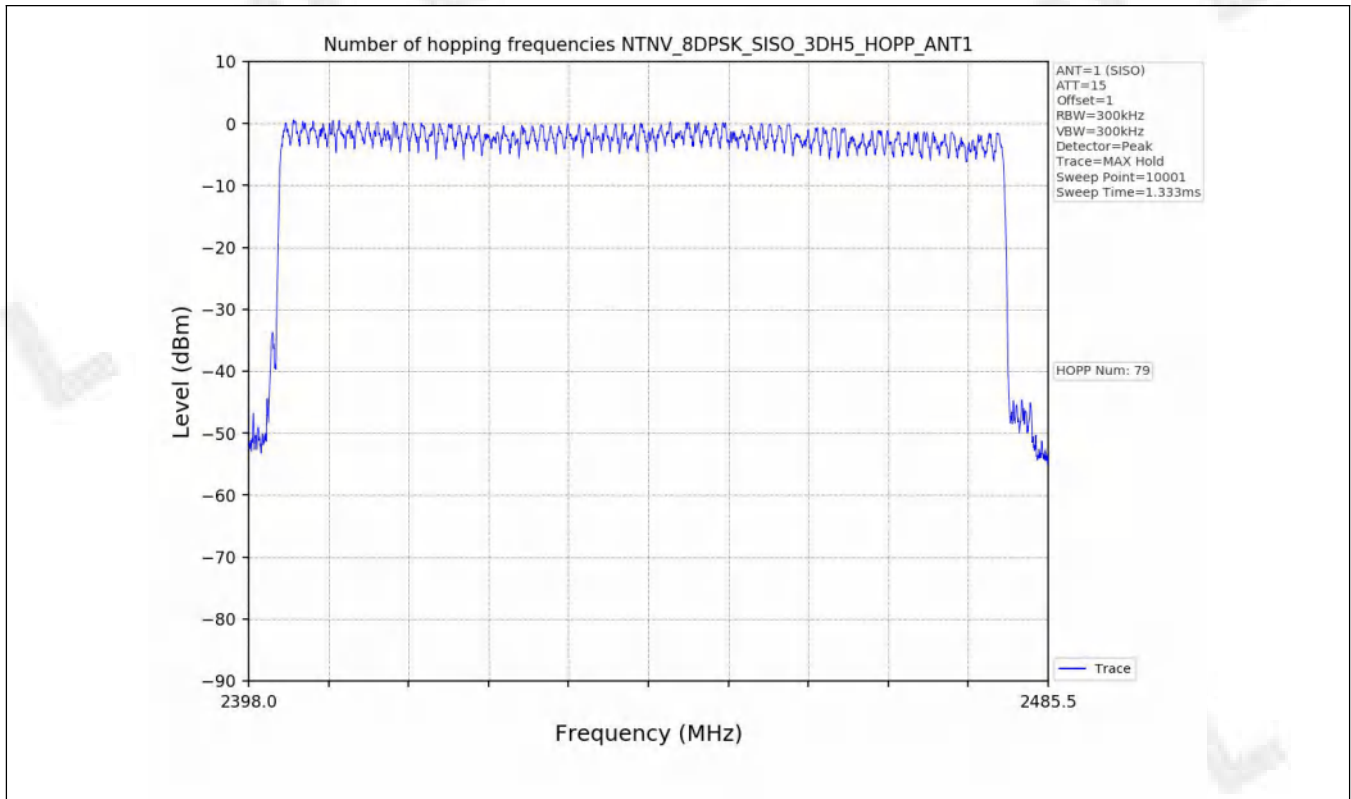
4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GFSK	SISO	1	79	≥ 15	PASS
Pi/4DQPSK	SISO	1	79	≥ 15	PASS
8DPSK	SISO	1	79	≥ 15	PASS

4.2 Test Graph



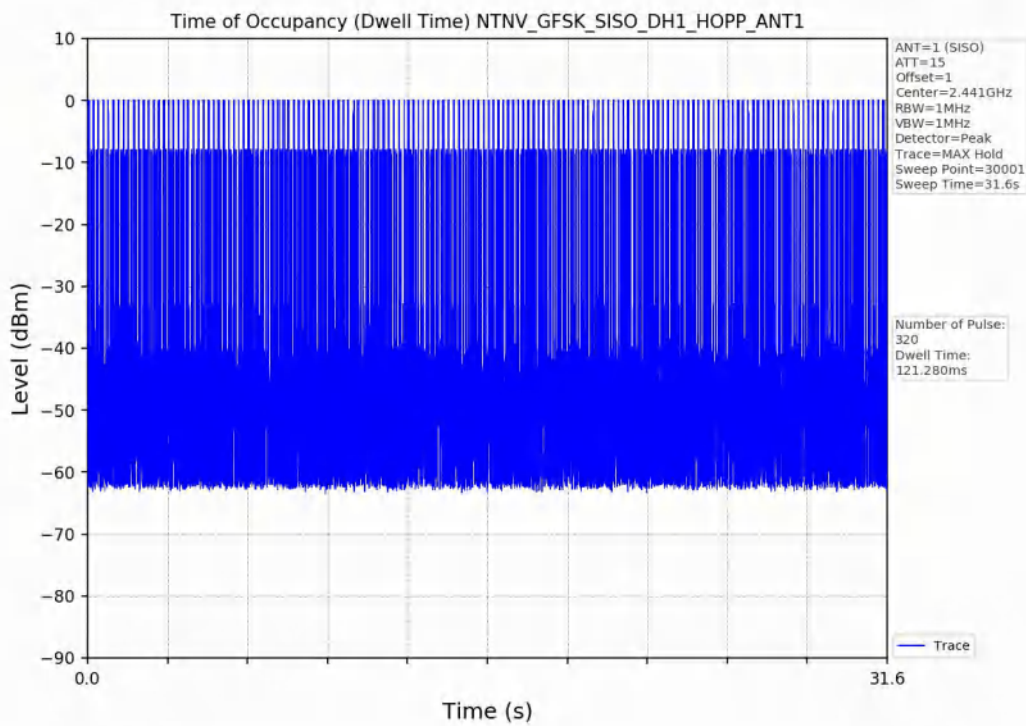
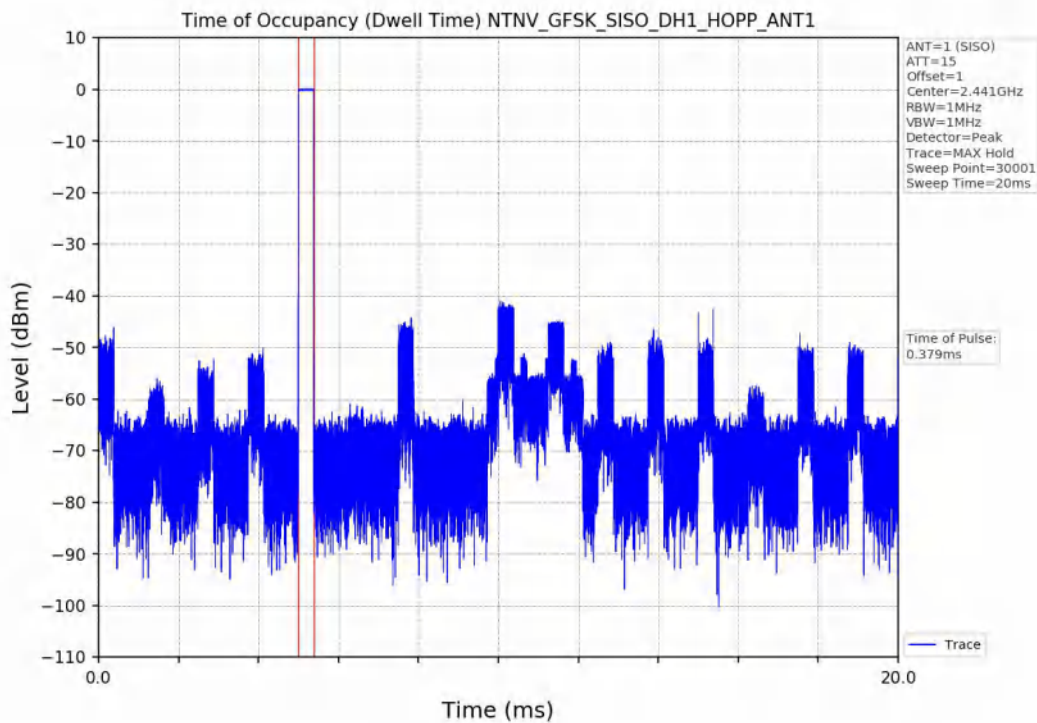


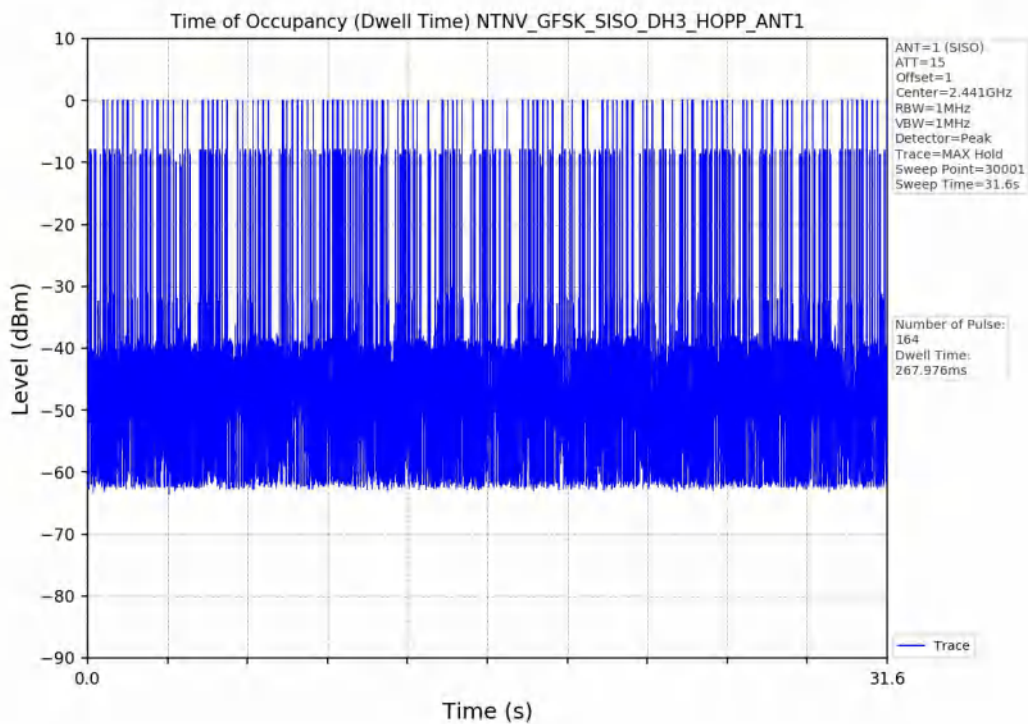
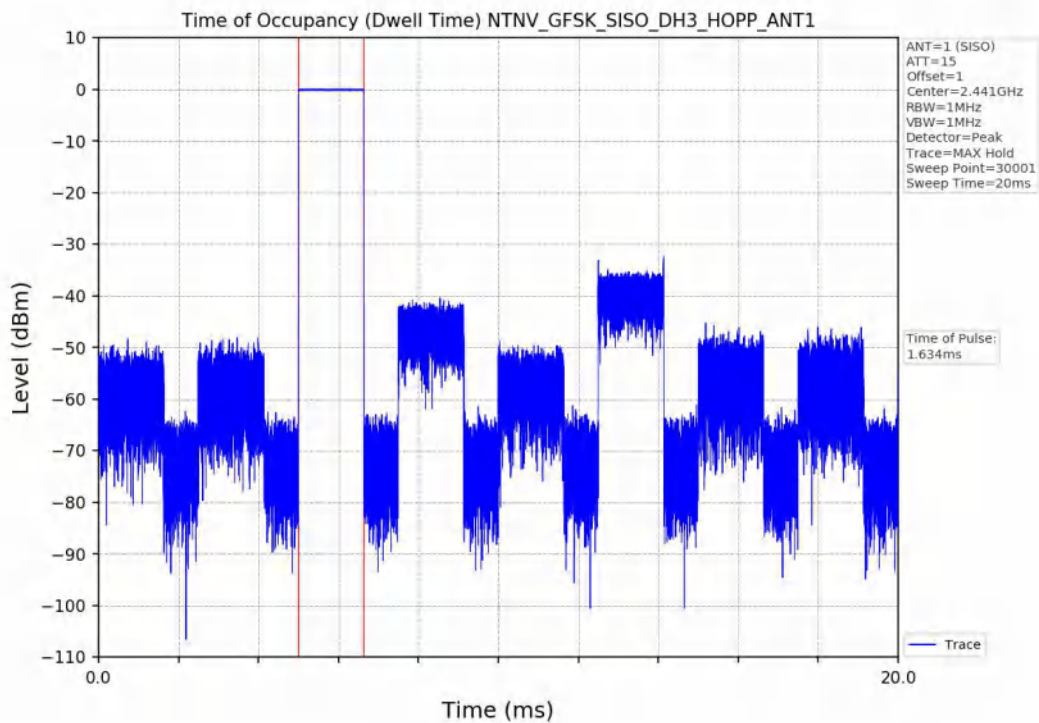
5. Time of occupancy (dwell time)

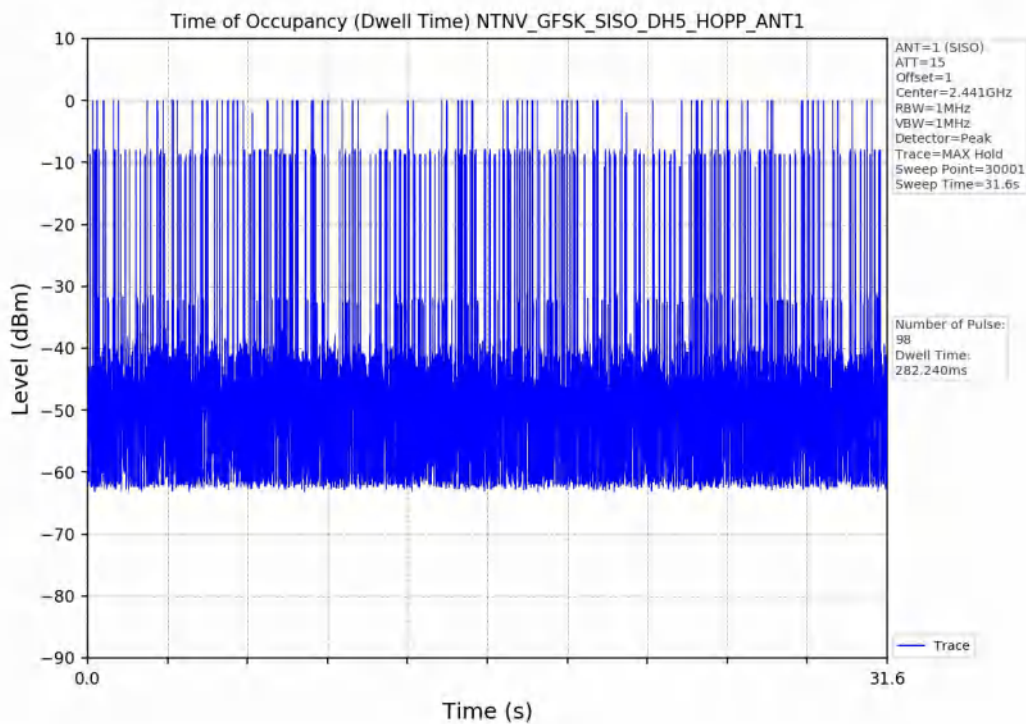
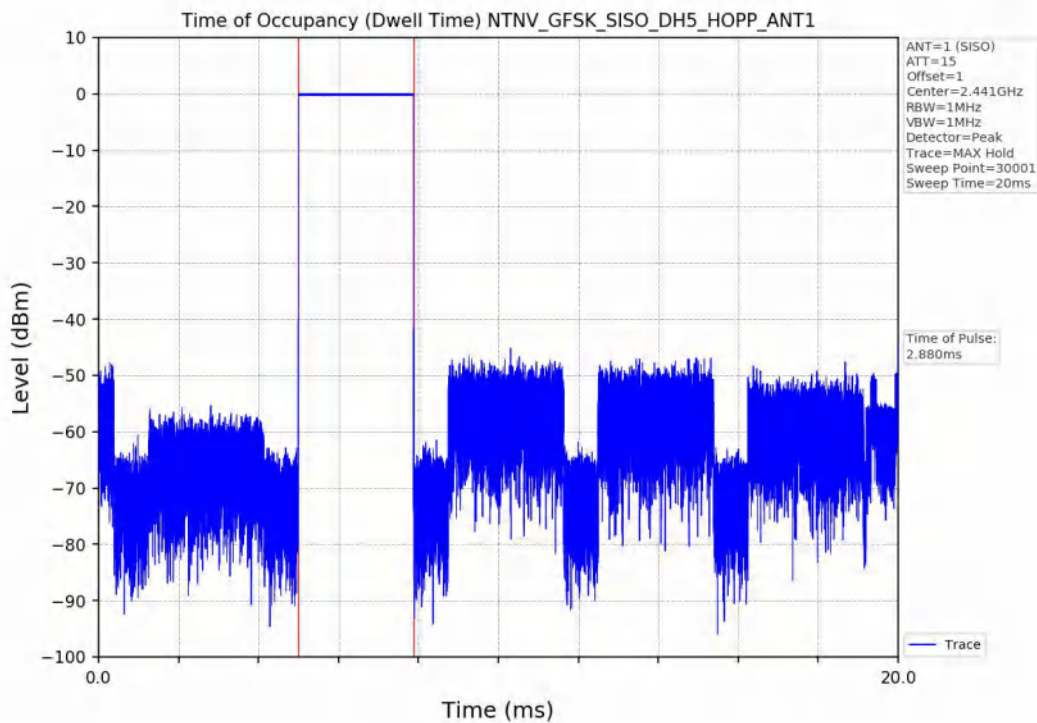
5.1 Test Result

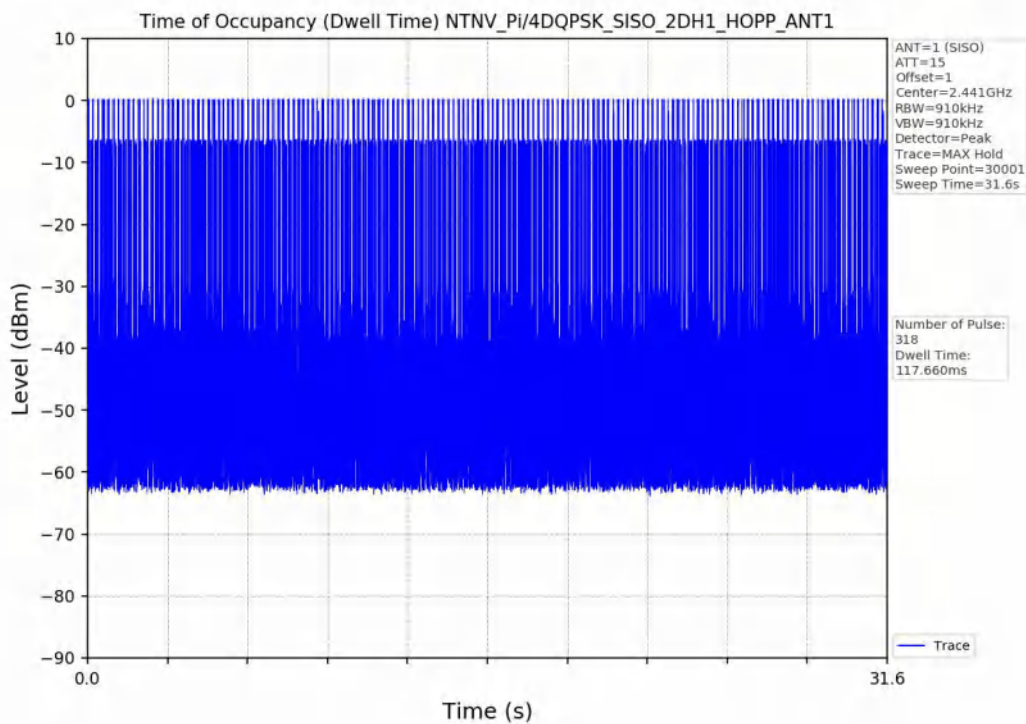
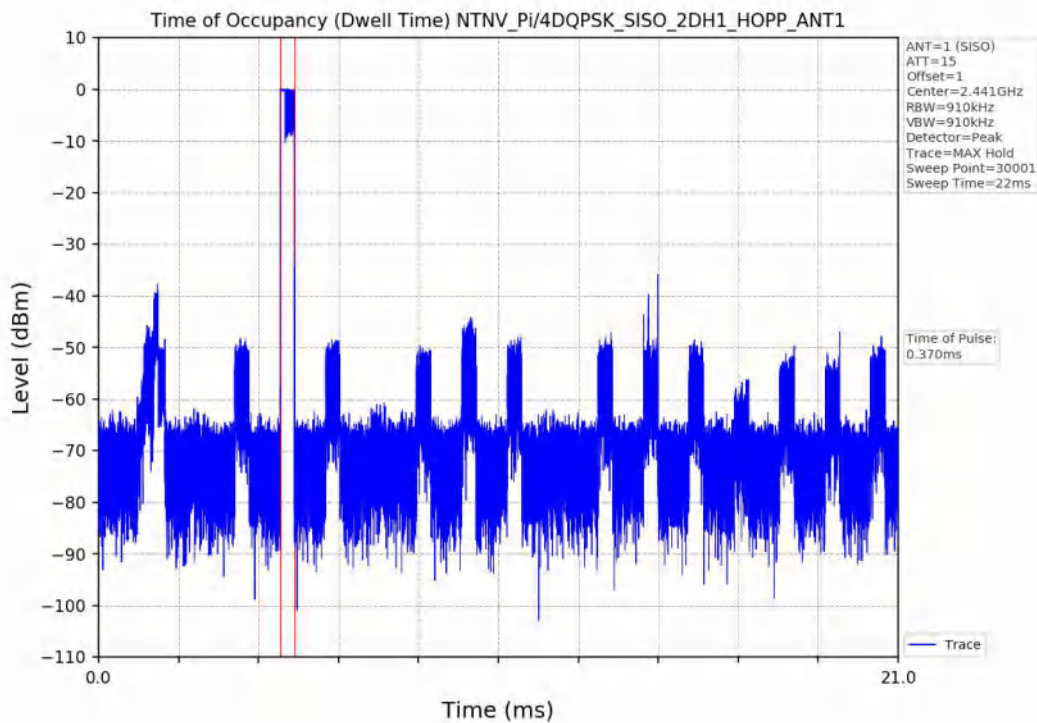
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.379	31.6	320	121.280	≤400	PASS
	DH3	SISO	1	1.634	31.6	164	267.976	≤400	PASS
	DH5	SISO	1	2.880	31.6	98	282.240	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.370	31.6	318	117.660	≤400	PASS
	2DH3	SISO	1	1.565	31.6	150	234.750	≤400	PASS
	2DH5	SISO	1	2.889	31.6	114	329.346	≤400	PASS
8DPSK	3DH1	SISO	1	0.393	31.6	320	125.760	≤400	PASS
	3DH3	SISO	1	1.639	31.6	159	260.601	≤400	PASS
	3DH5	SISO	1	2.890	31.6	105	303.450	≤400	PASS

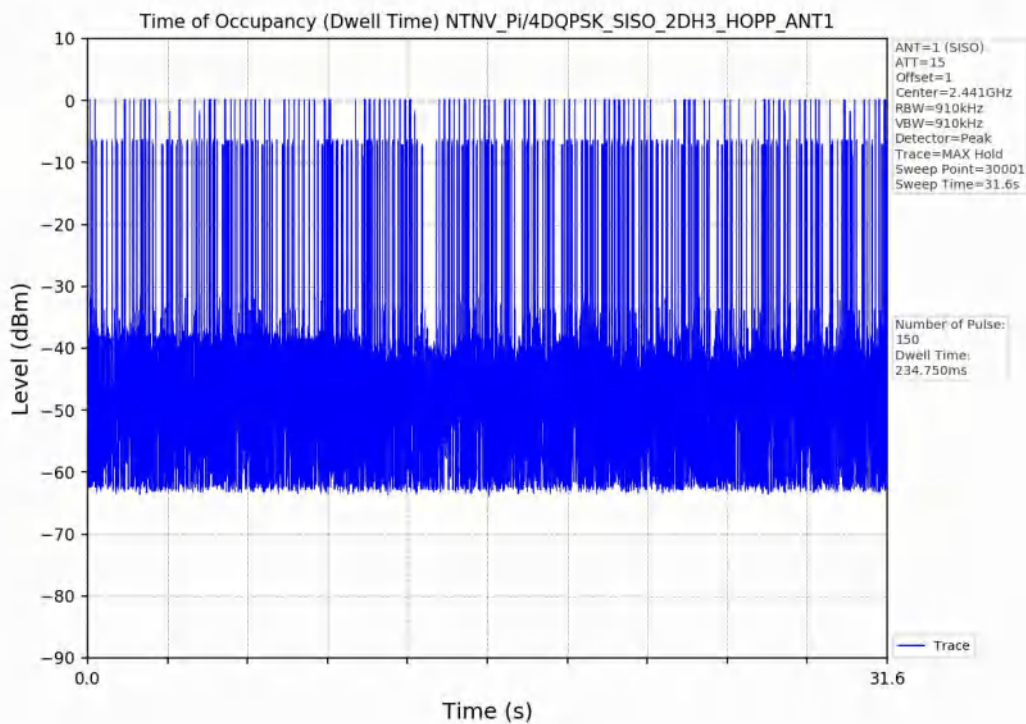
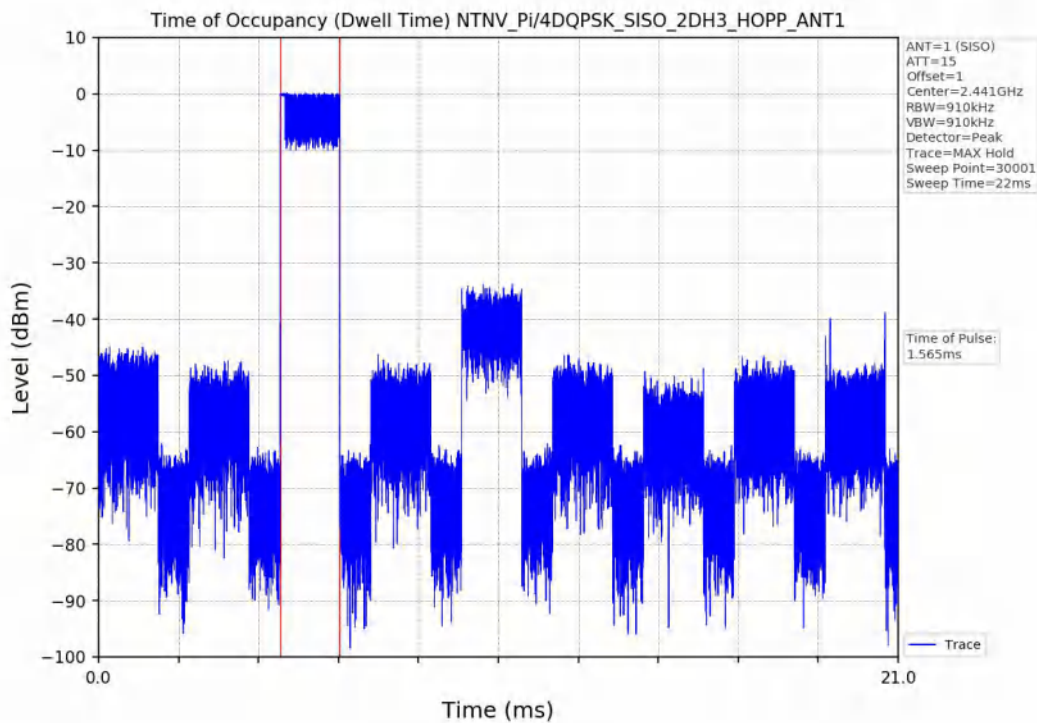
5.2 Test Graph

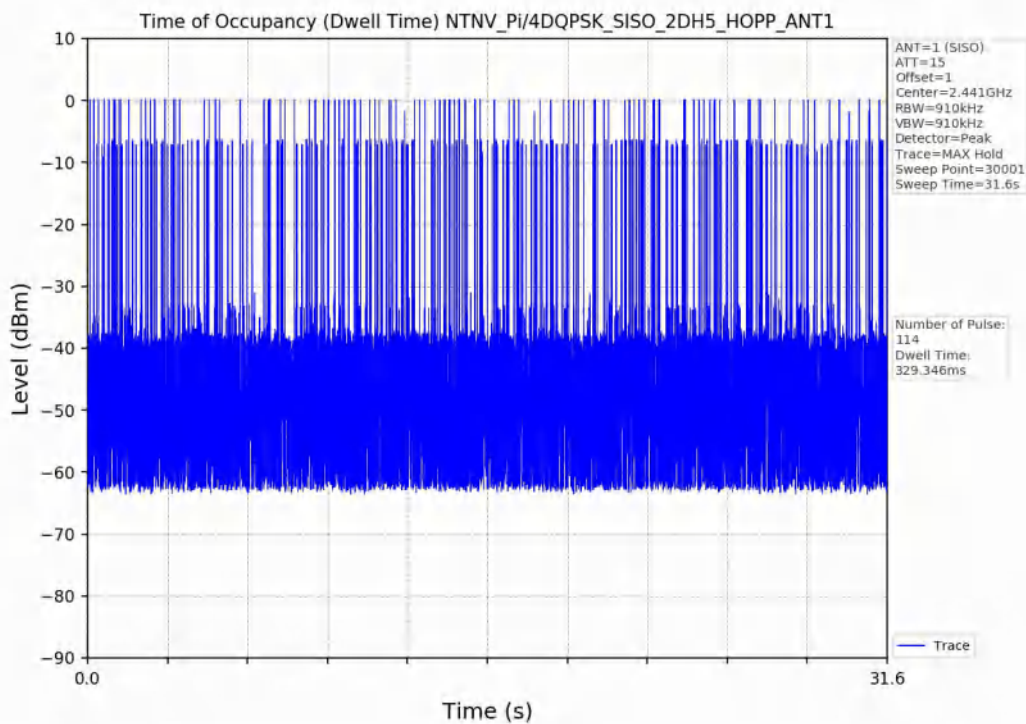
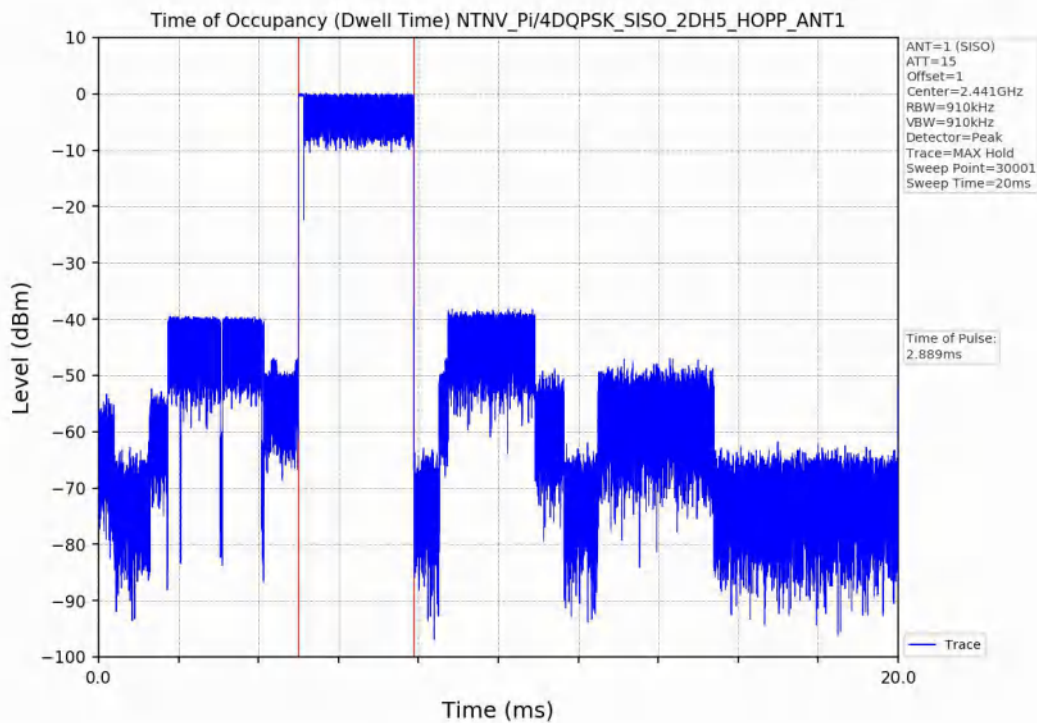


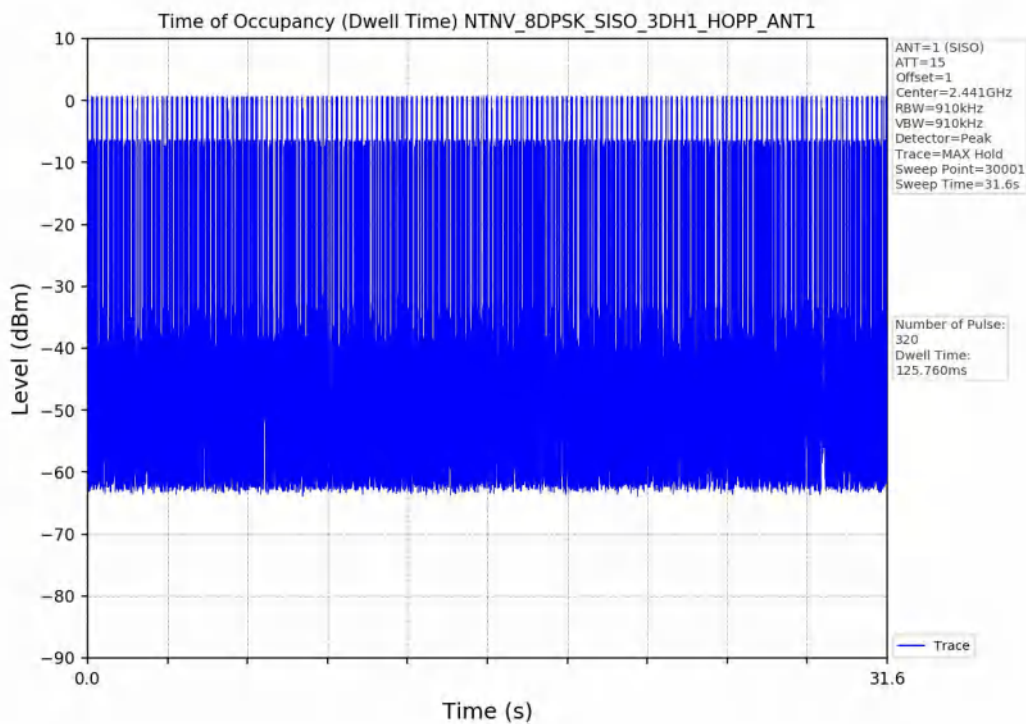
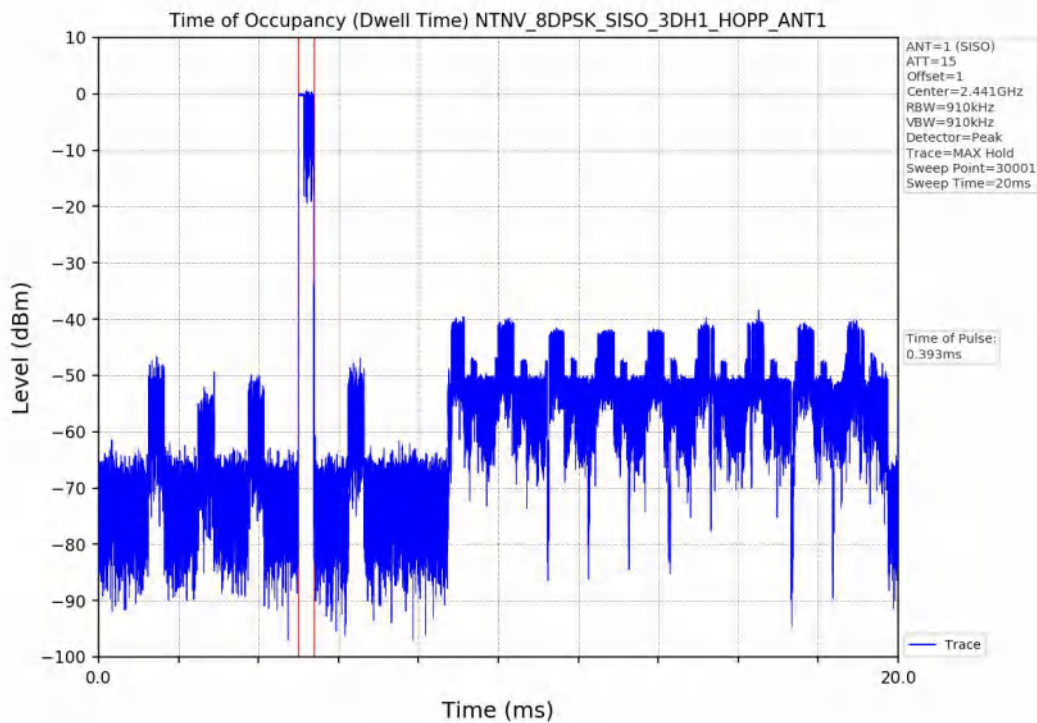


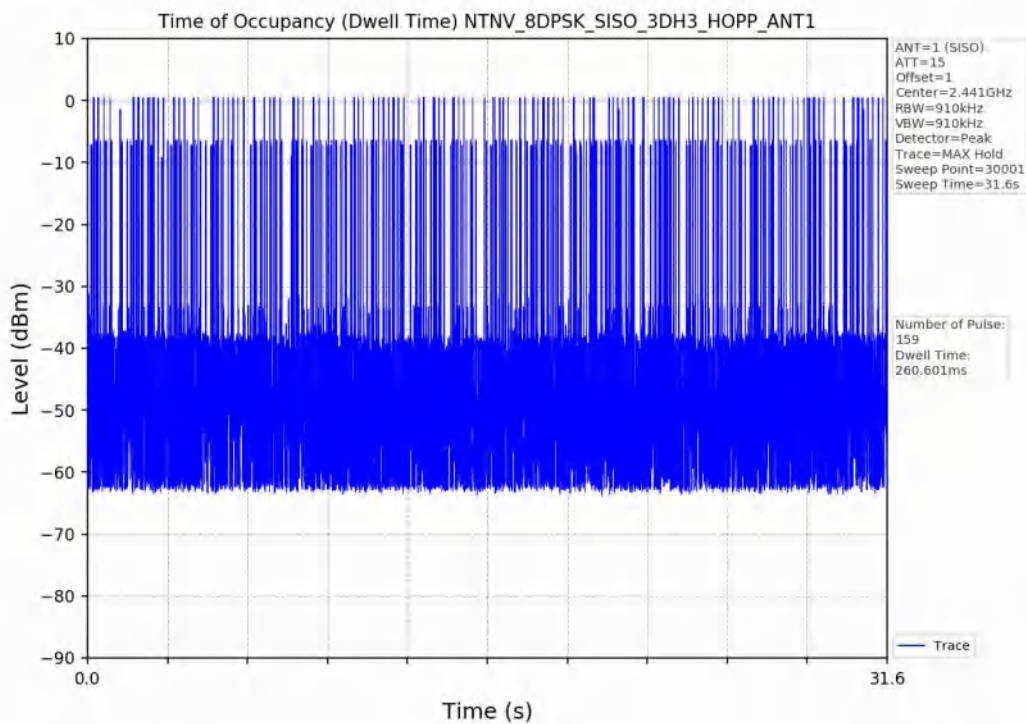
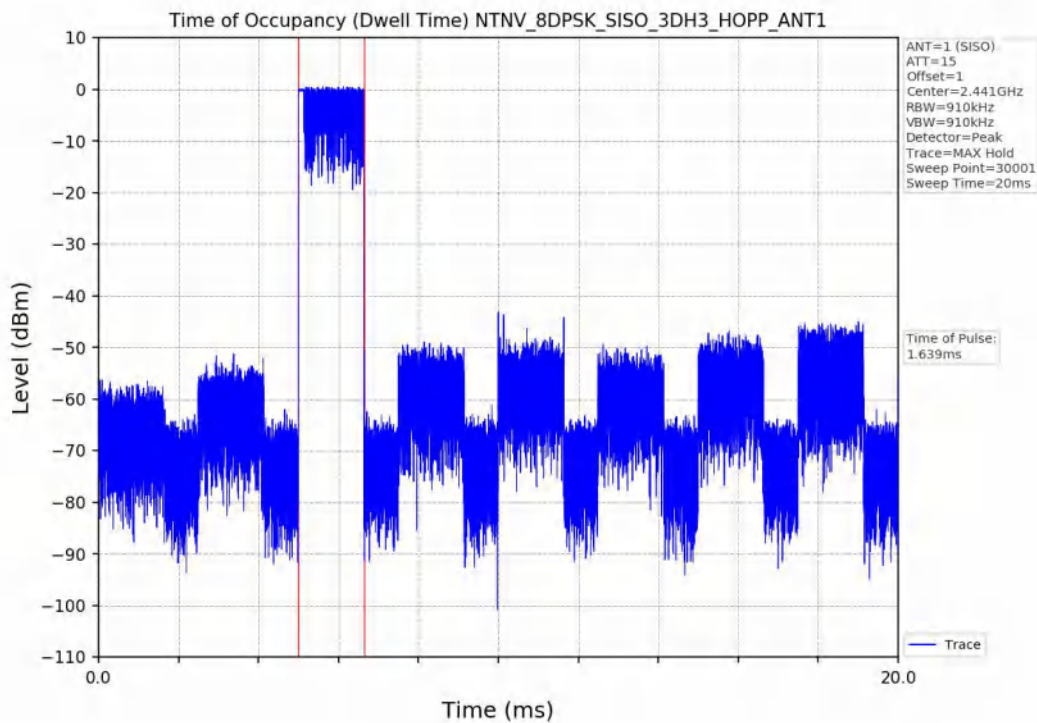


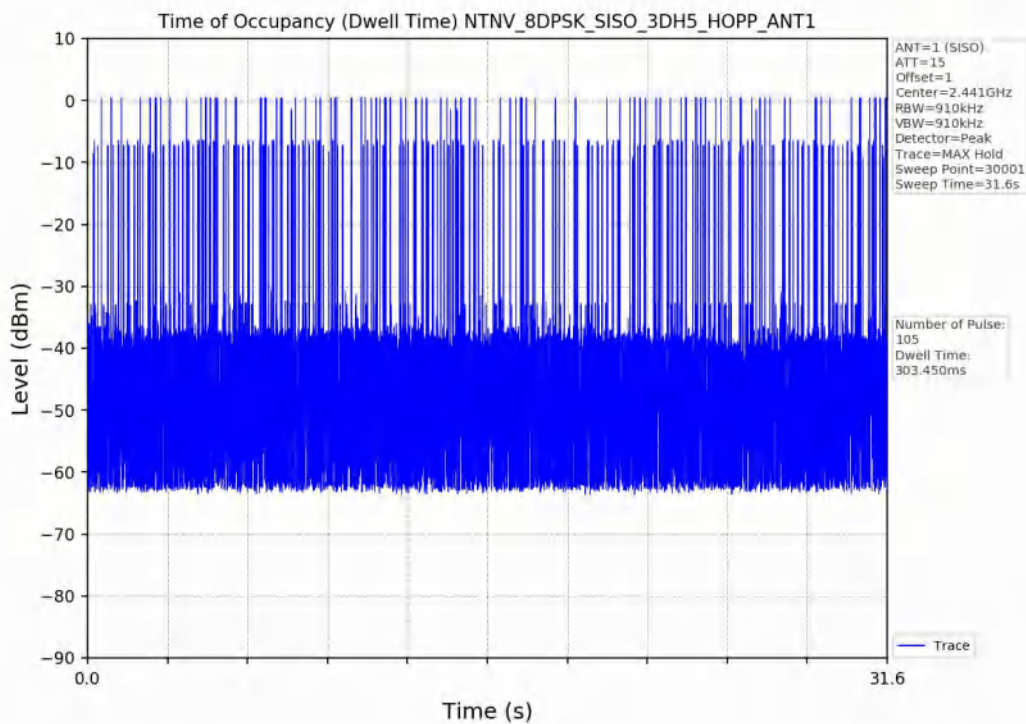
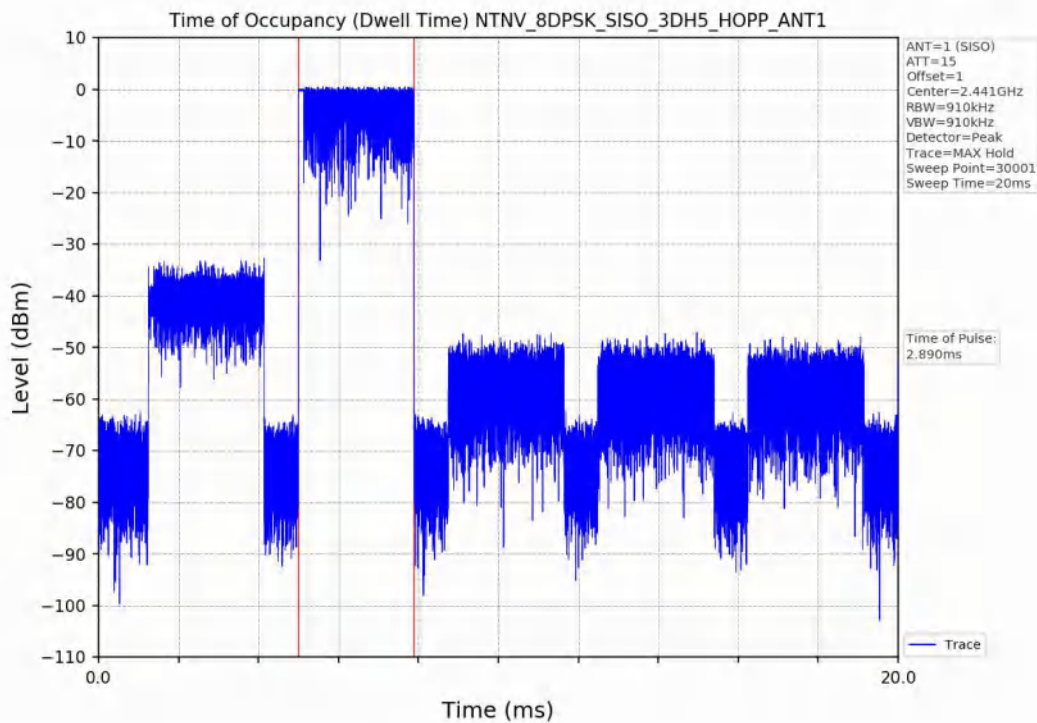












6. Unwanted Emissions in Non-restricted Frequency Bands

6.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-19.40	PASS
	2441	SISO	1	Refer to test graph	-19.40	PASS
	2480	SISO	1	Refer to test graph	-19.40	PASS
	Hopping	SISO	1	Refer to test graph	-19.40	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-19.52	PASS
	2441	SISO	1	Refer to test graph	-19.52	PASS
	2480	SISO	1	Refer to test graph	-19.52	PASS
	Hopping	SISO	1	Refer to test graph	-19.52	PASS
8DPSK	2402	SISO	1	Refer to test graph	-19.43	PASS
	2441	SISO	1	Refer to test graph	-19.43	PASS
	2480	SISO	1	Refer to test graph	-19.43	PASS
	Hopping	SISO	1	Refer to test graph	-19.43	PASS

6.2 Test Graph

