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Appendix for 15.247

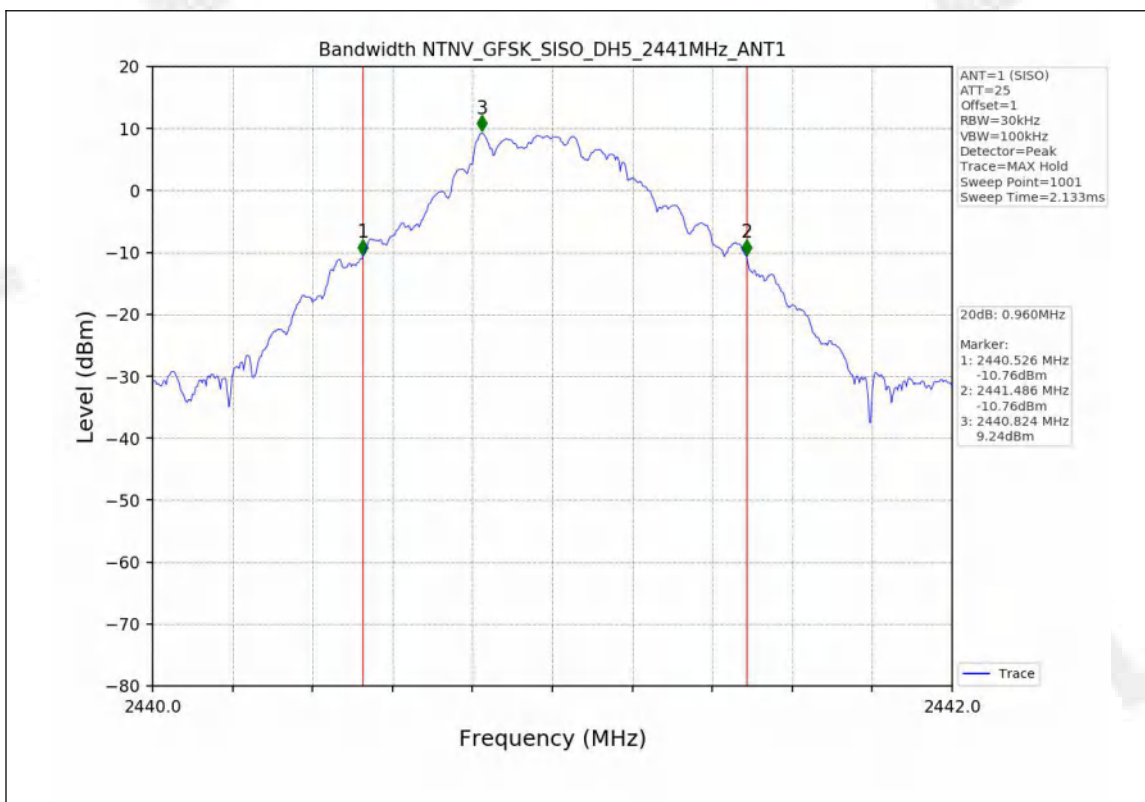
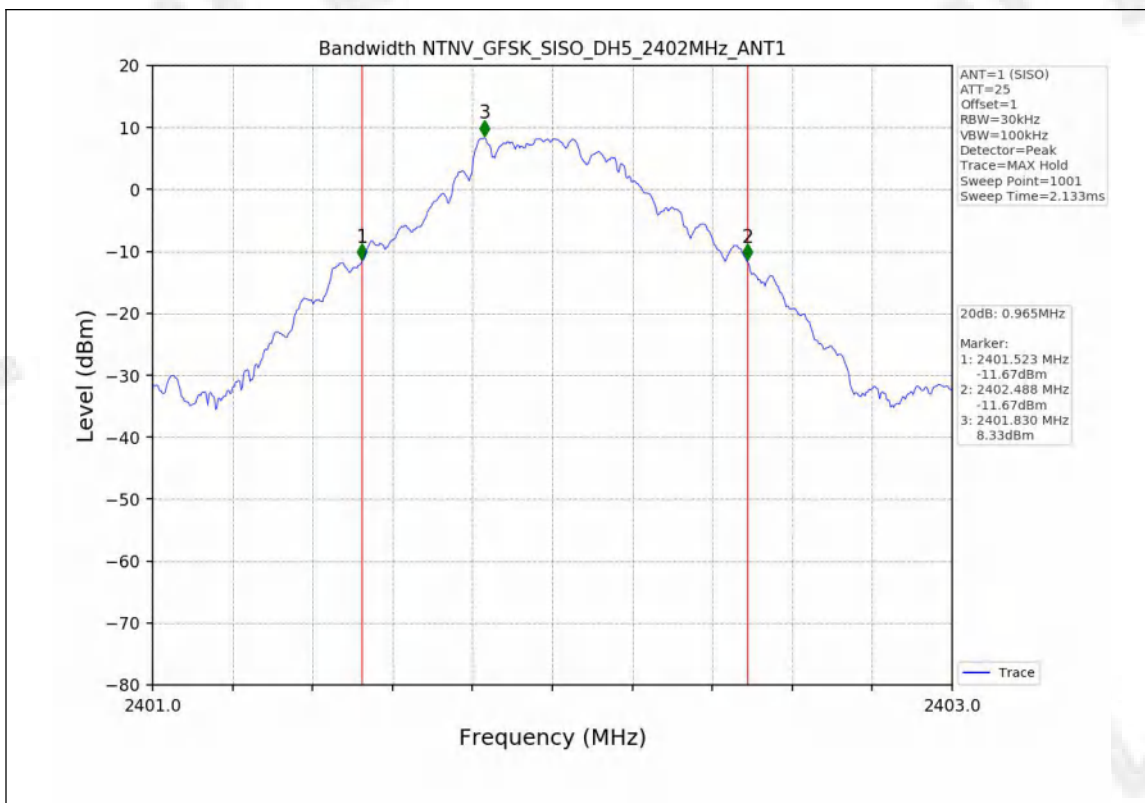
1. Bandwidth

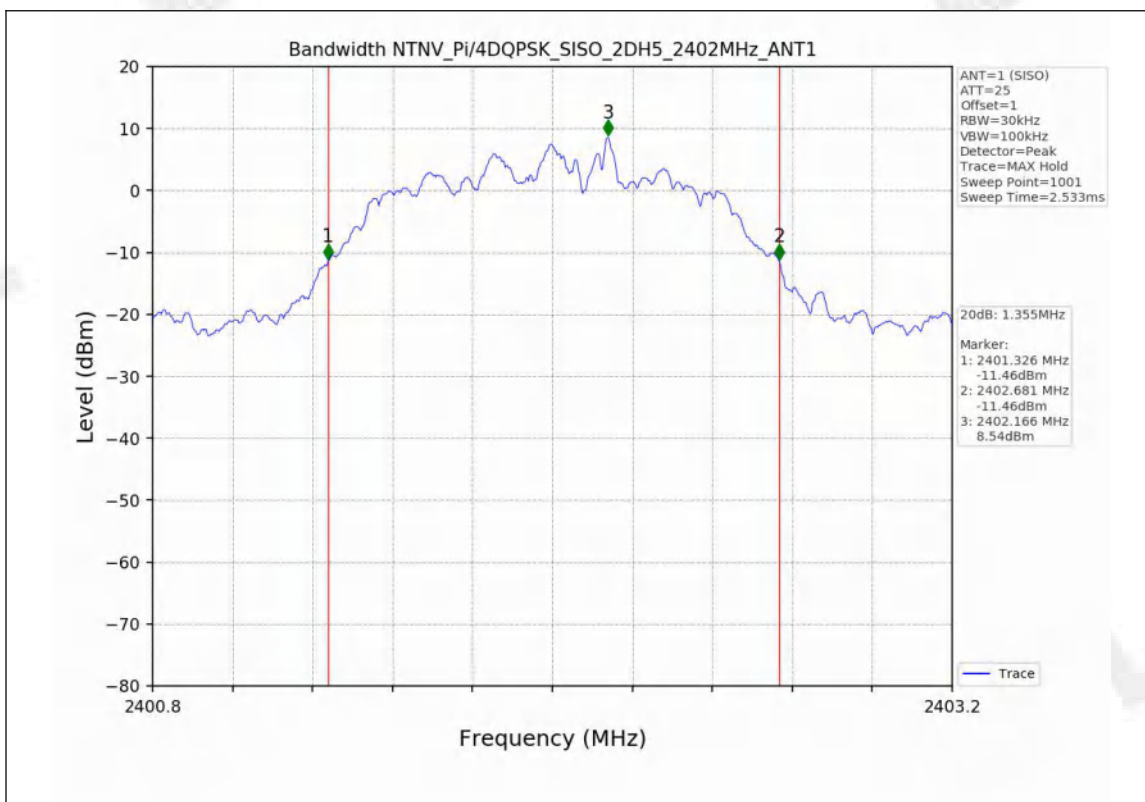
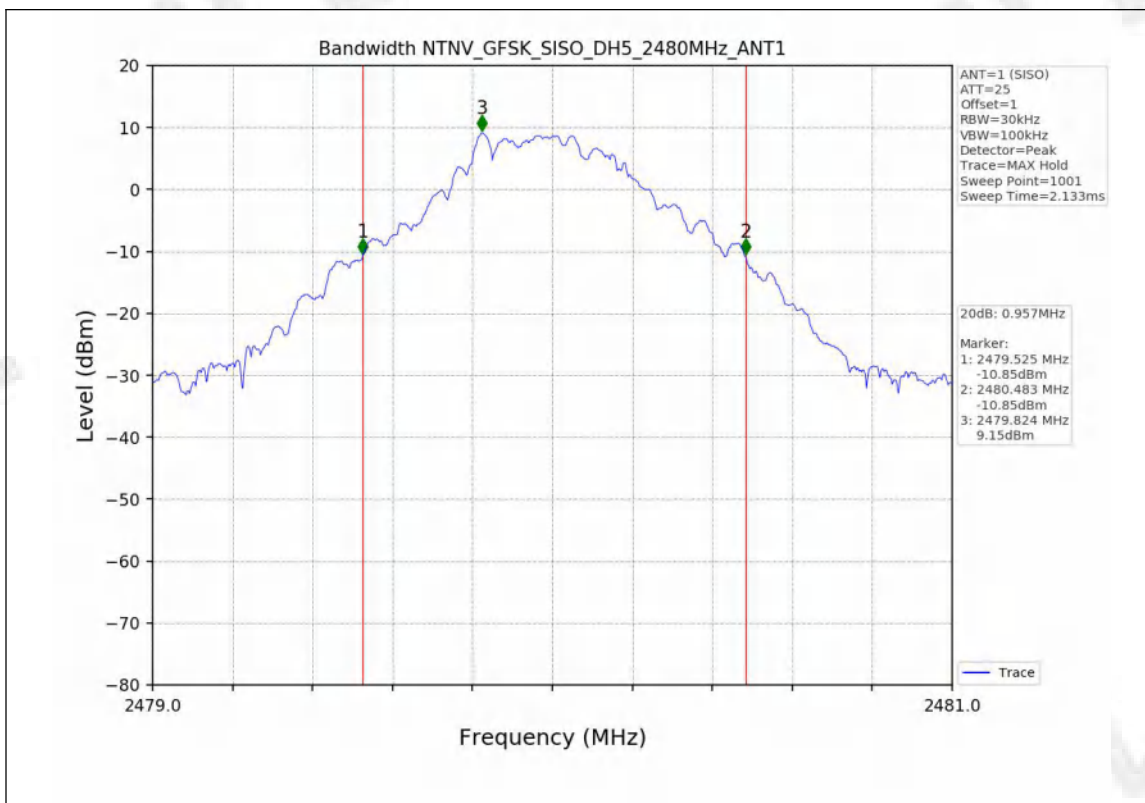
1.1 Test Result

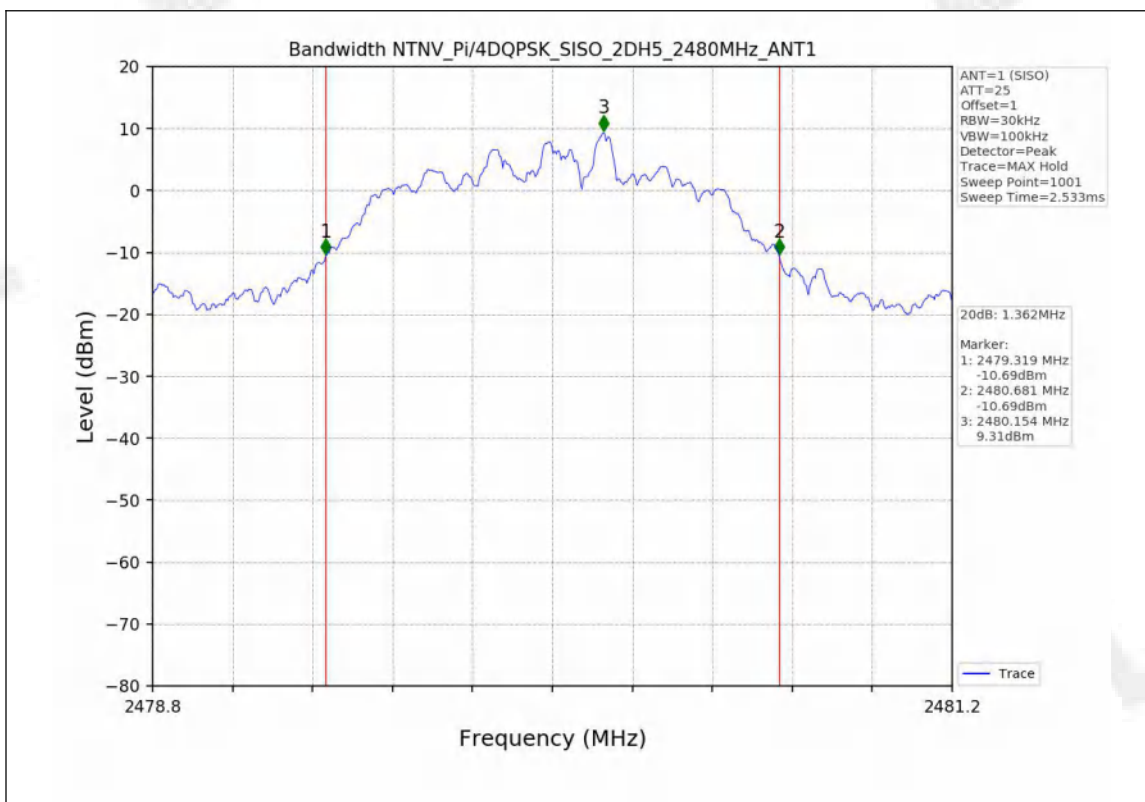
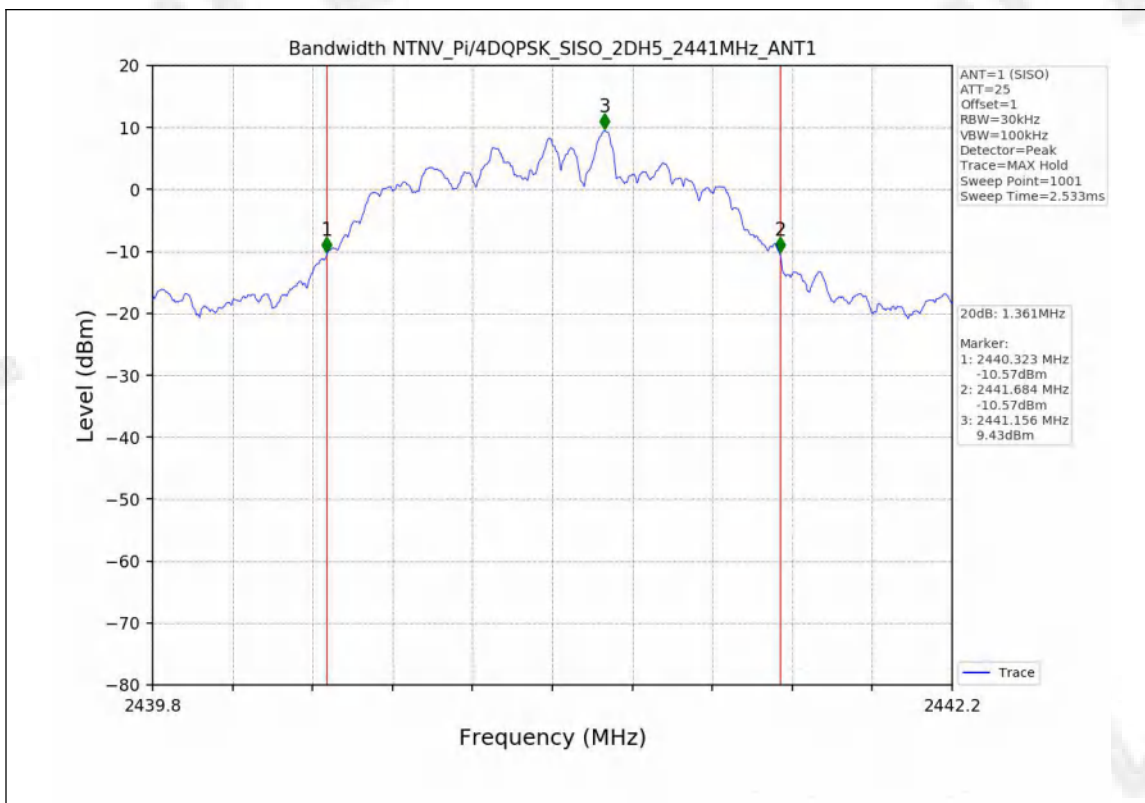
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.965	PASS
	2441	SISO	1	0.960	PASS
	2480	SISO	1	0.957	PASS
Pi/4DQPSK	2402	SISO	1	1.355	PASS
	2441	SISO	1	1.361	PASS
	2480	SISO	1	1.362	PASS
8DPSK	2402	SISO	1	1.350	PASS
	2441	SISO	1	1.369	PASS
	2480	SISO	1	1.369	PASS

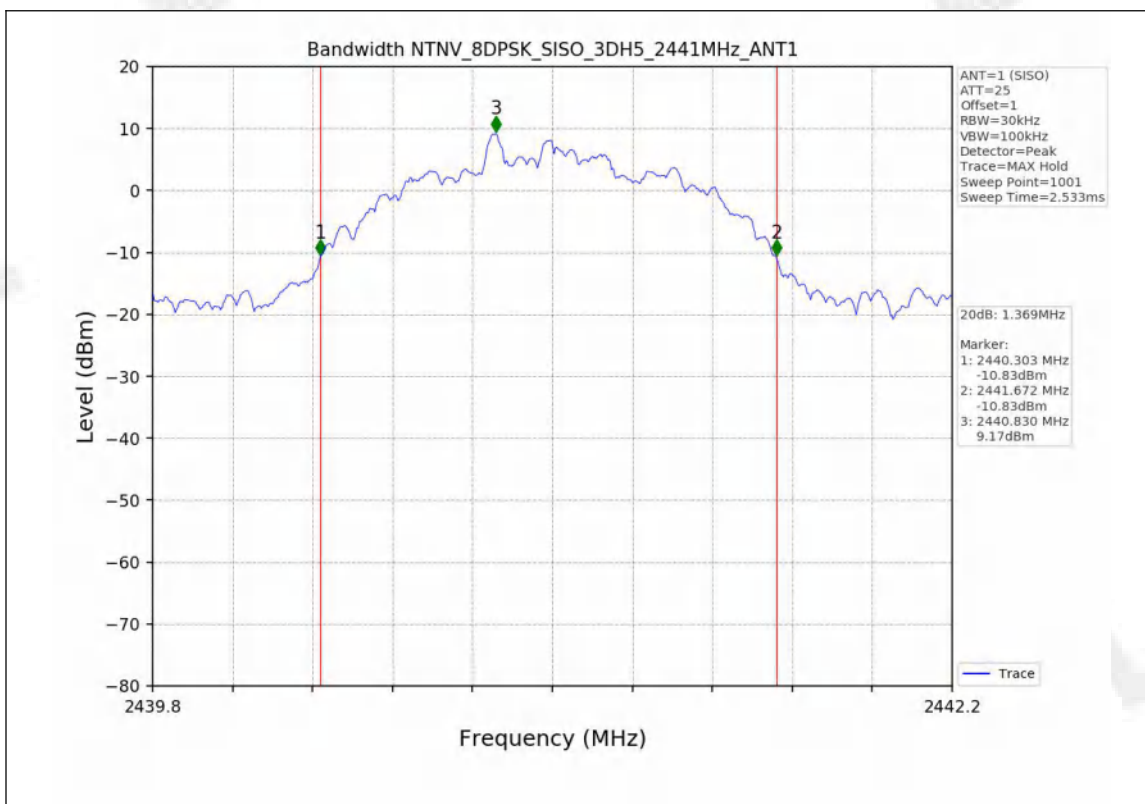
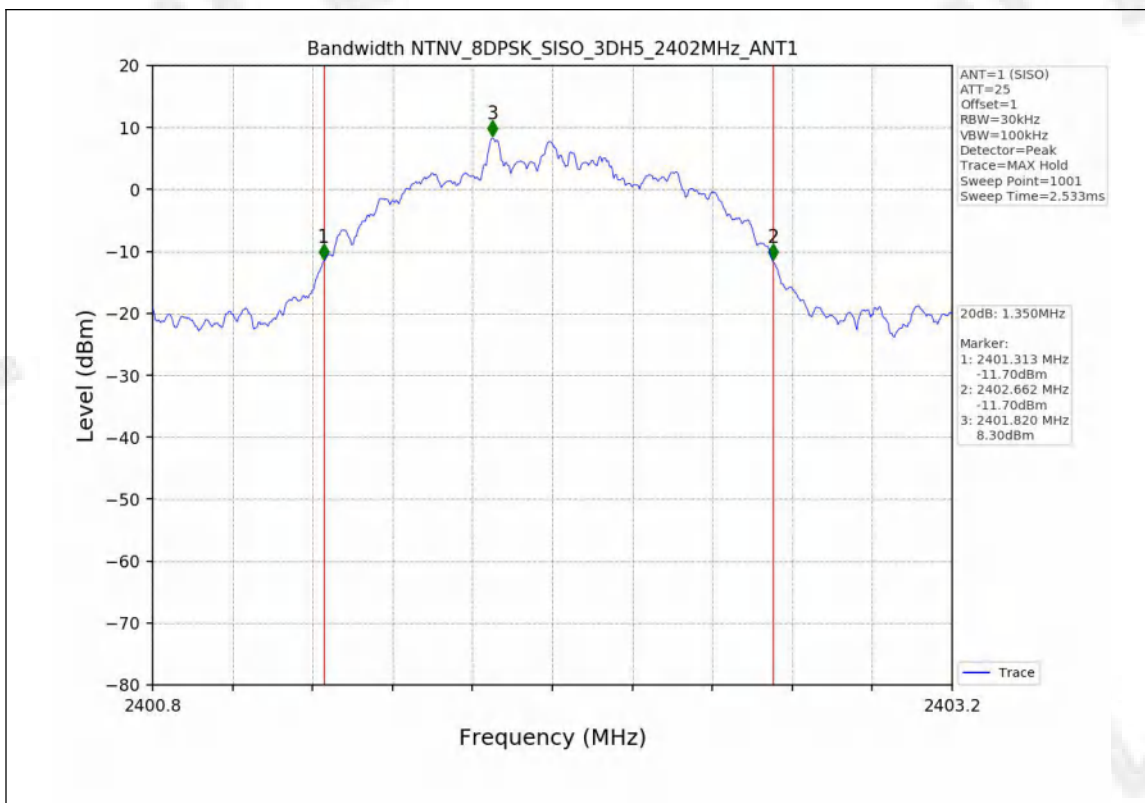
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.865	Only for Report Use
	2441	SISO	1	0.865	Only for Report Use
	2480	SISO	1	0.870	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.266	Only for Report Use
	2441	SISO	1	1.342	Only for Report Use
	2480	SISO	1	1.409	Only for Report Use
8DPSK	2402	SISO	1	1.277	Only for Report Use
	2441	SISO	1	1.335	Only for Report Use
	2480	SISO	1	1.397	Only for Report Use

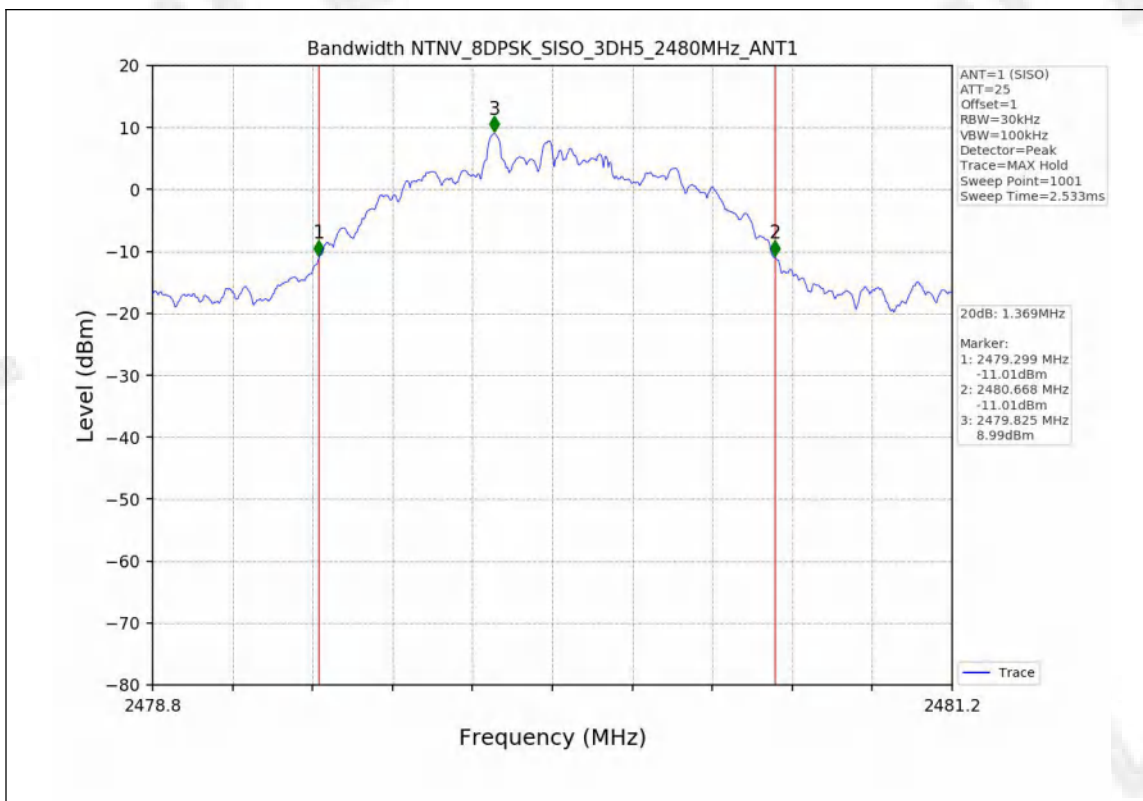
1.2 Test Graph - 20dB Bandwidth



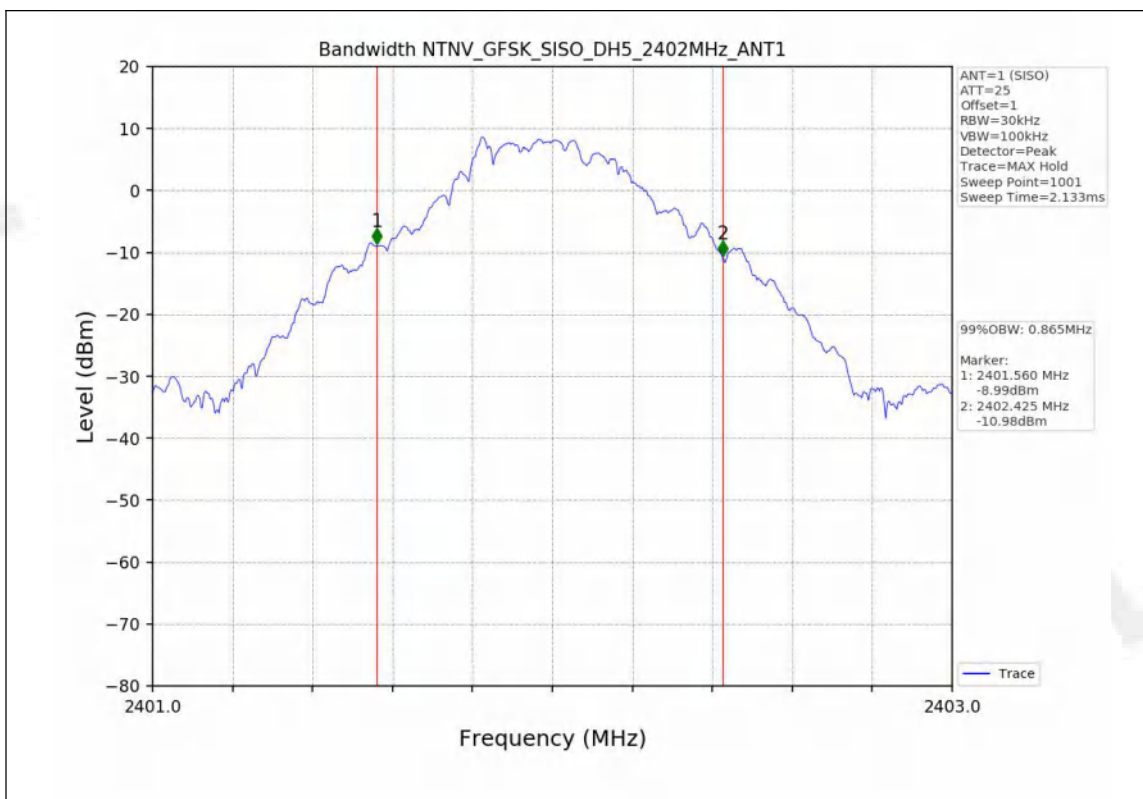


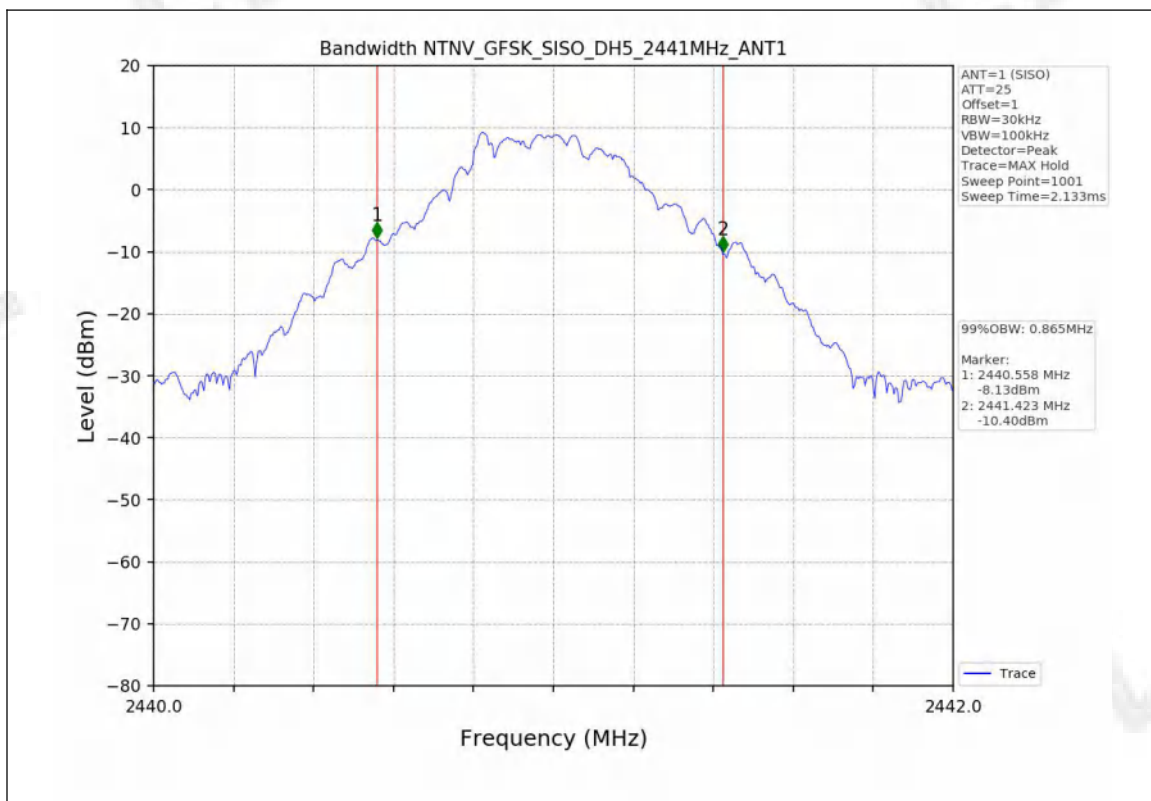


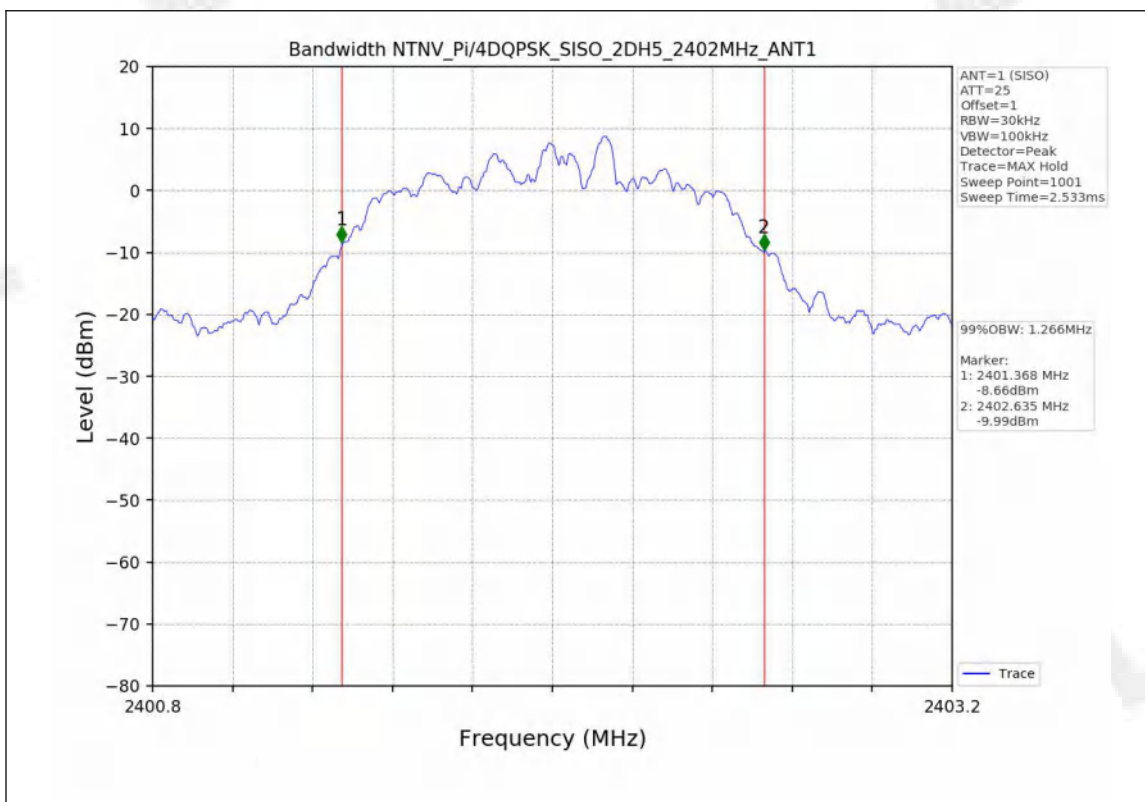
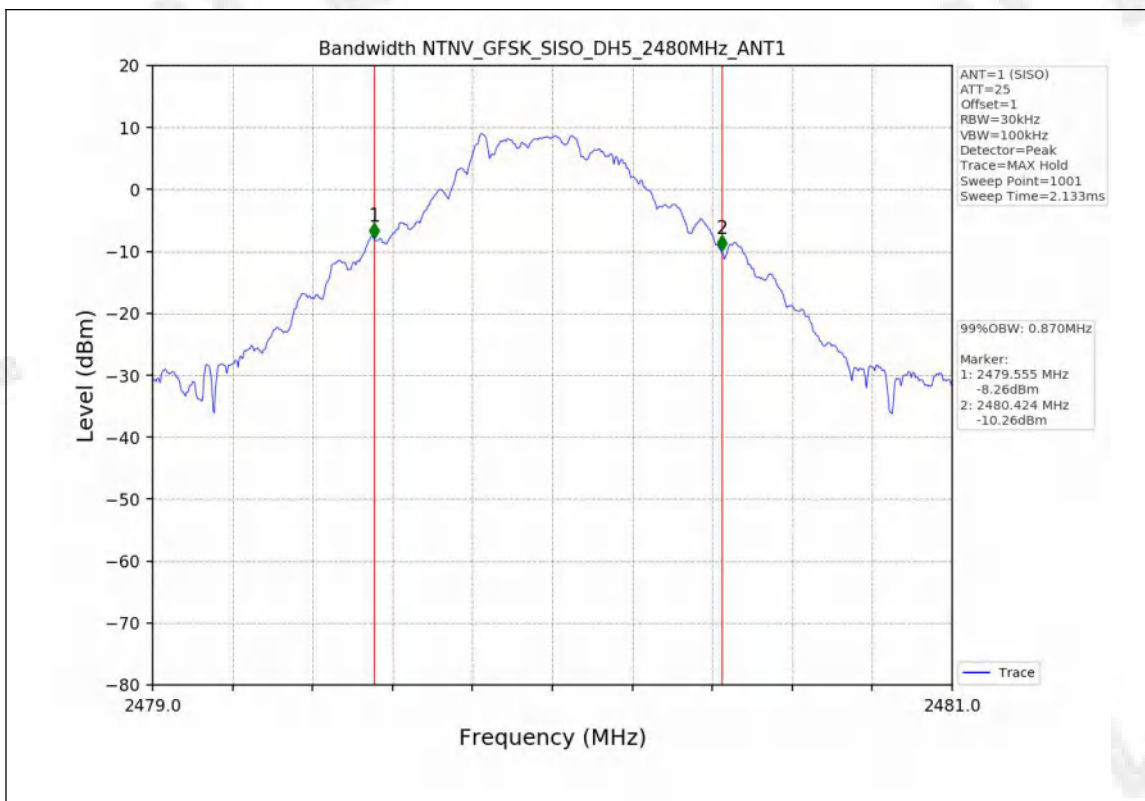


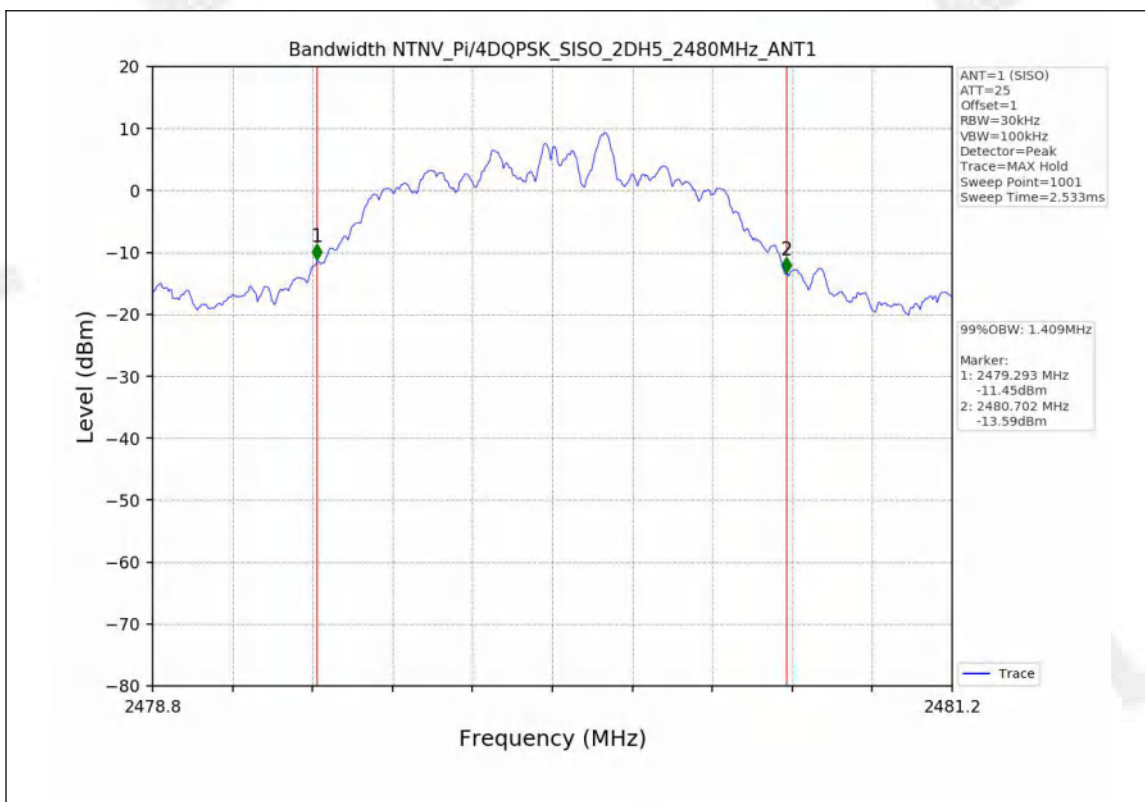
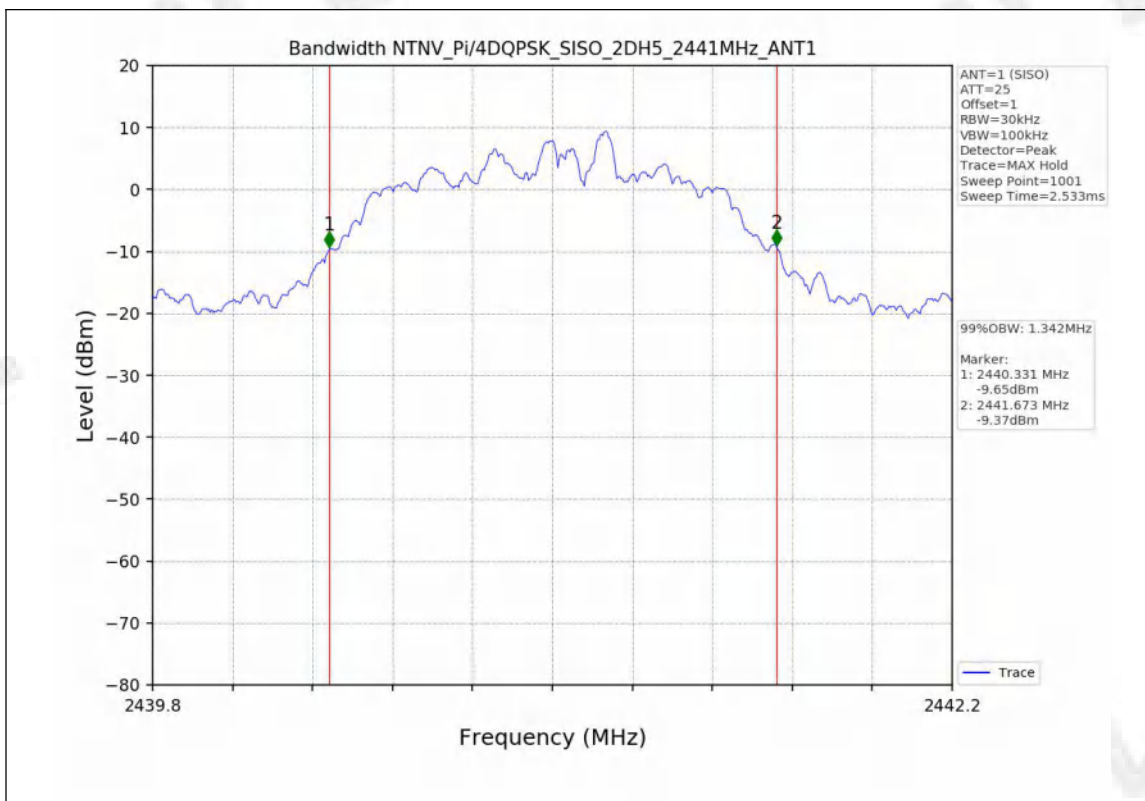


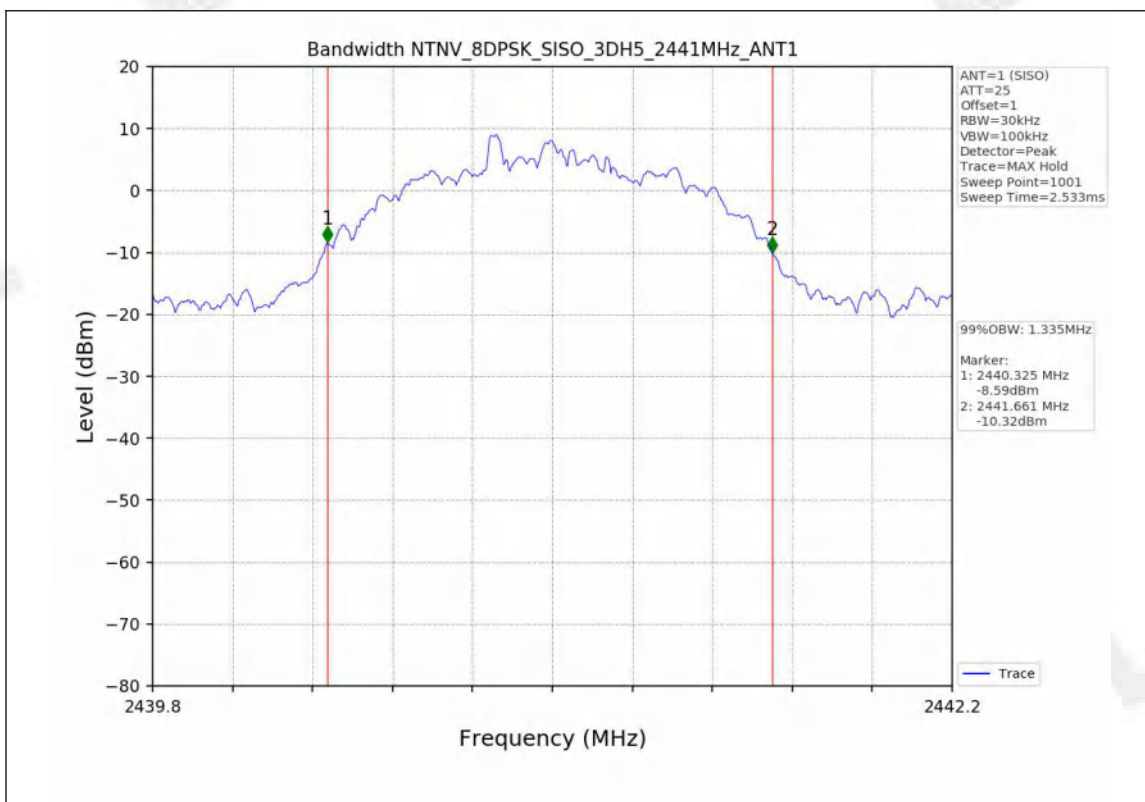
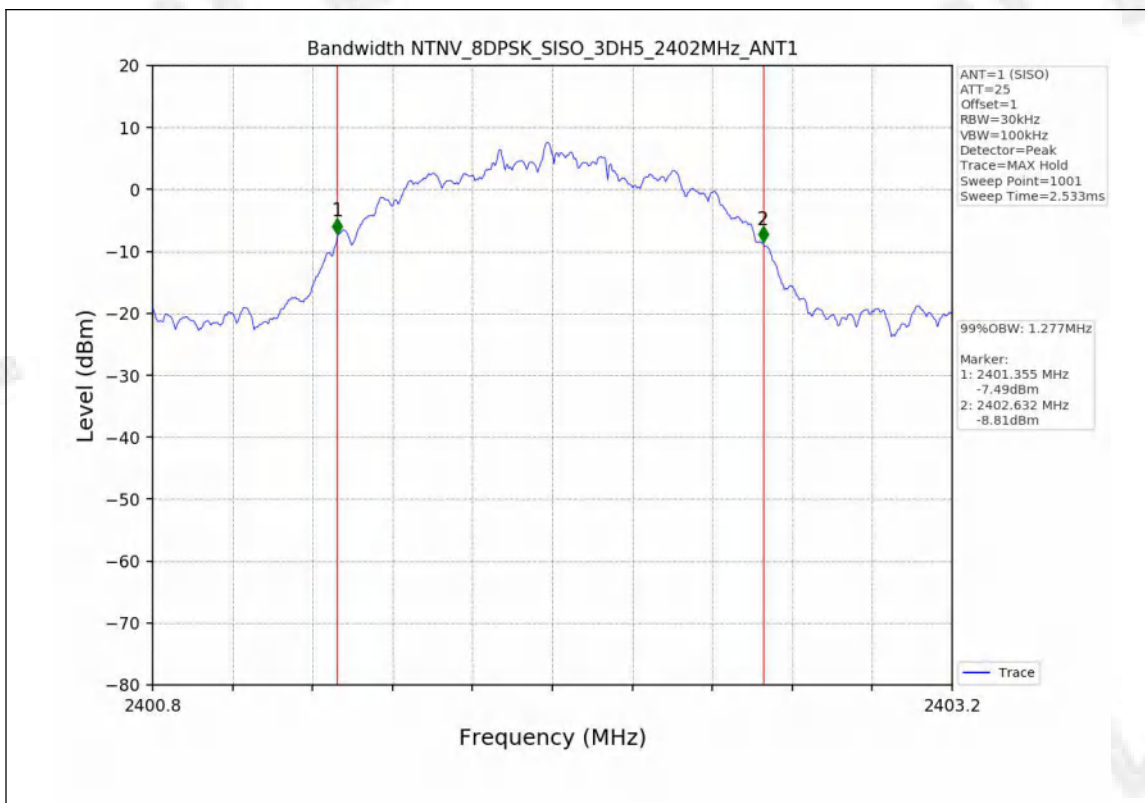
1.3 Test Graph - 99% Occupied Bandwidth

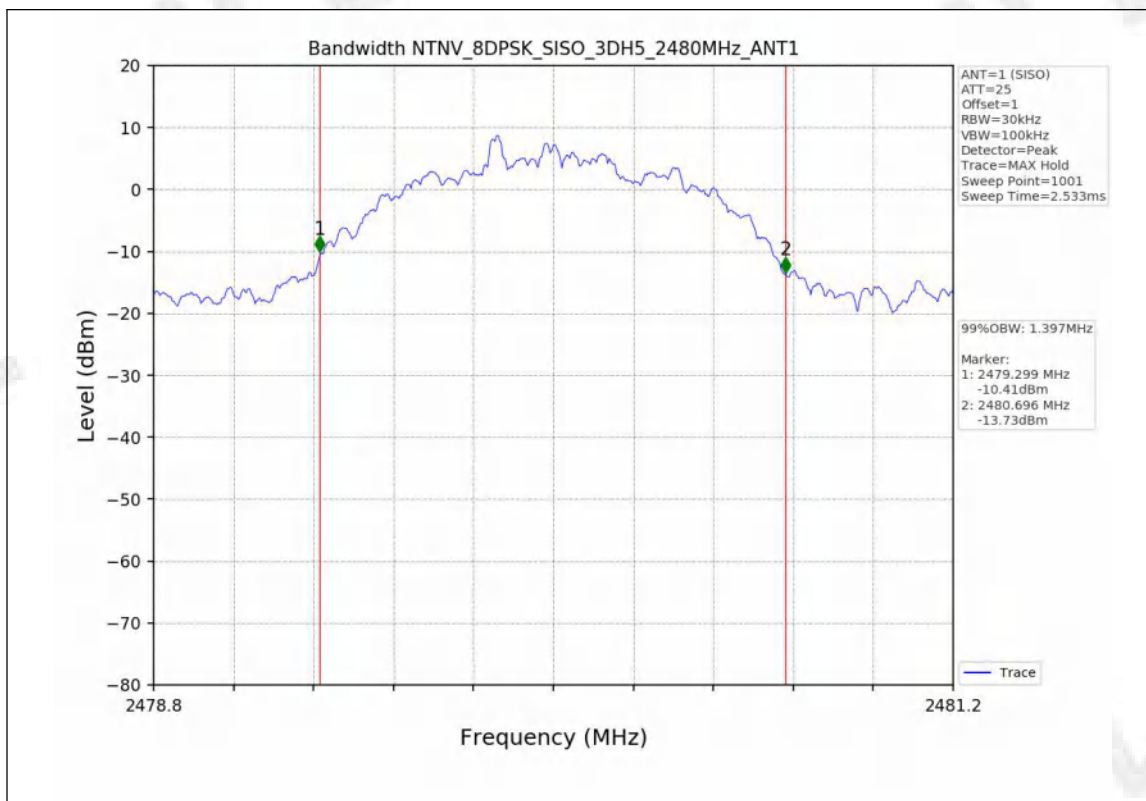










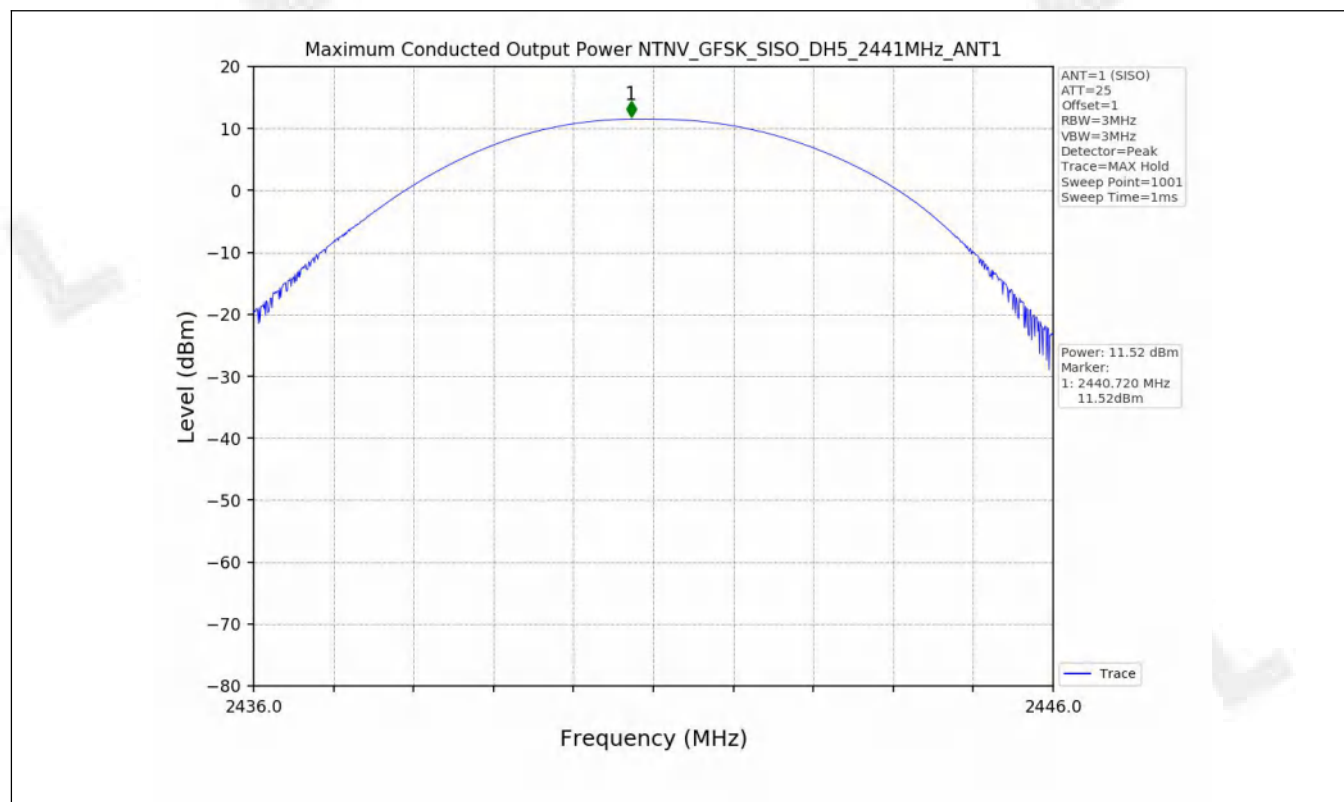
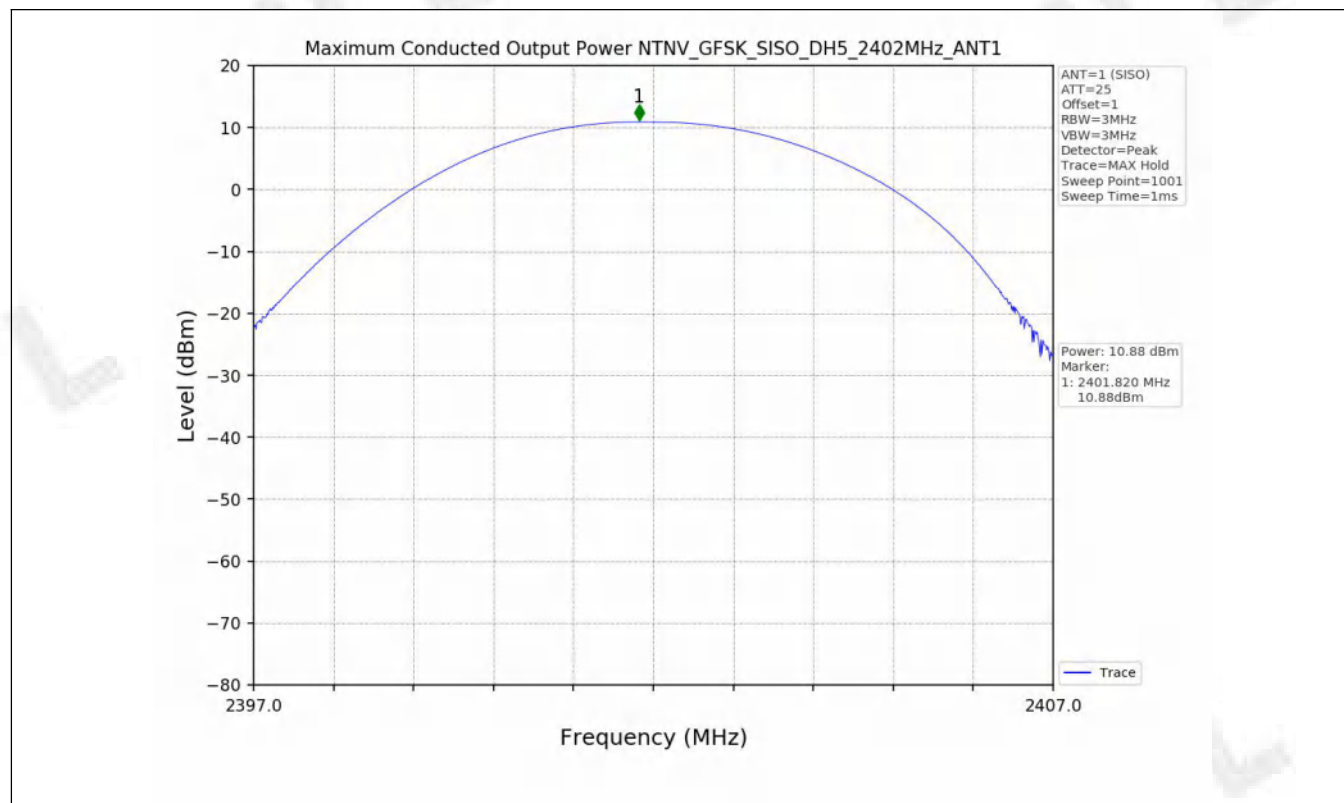


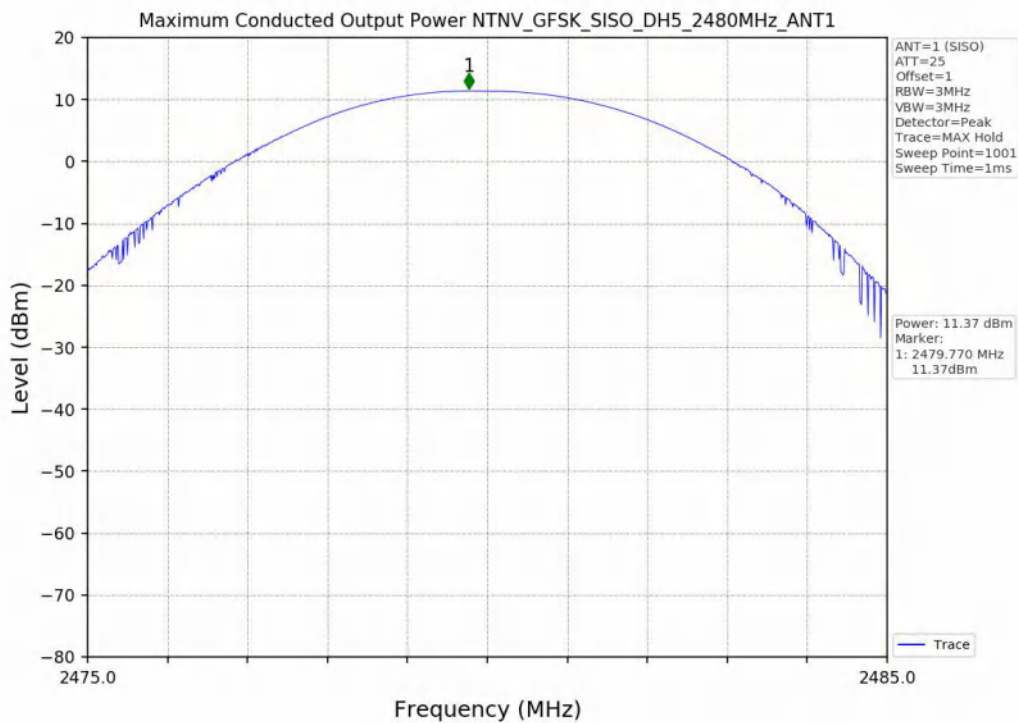
2. Maximum Conducted Output Power

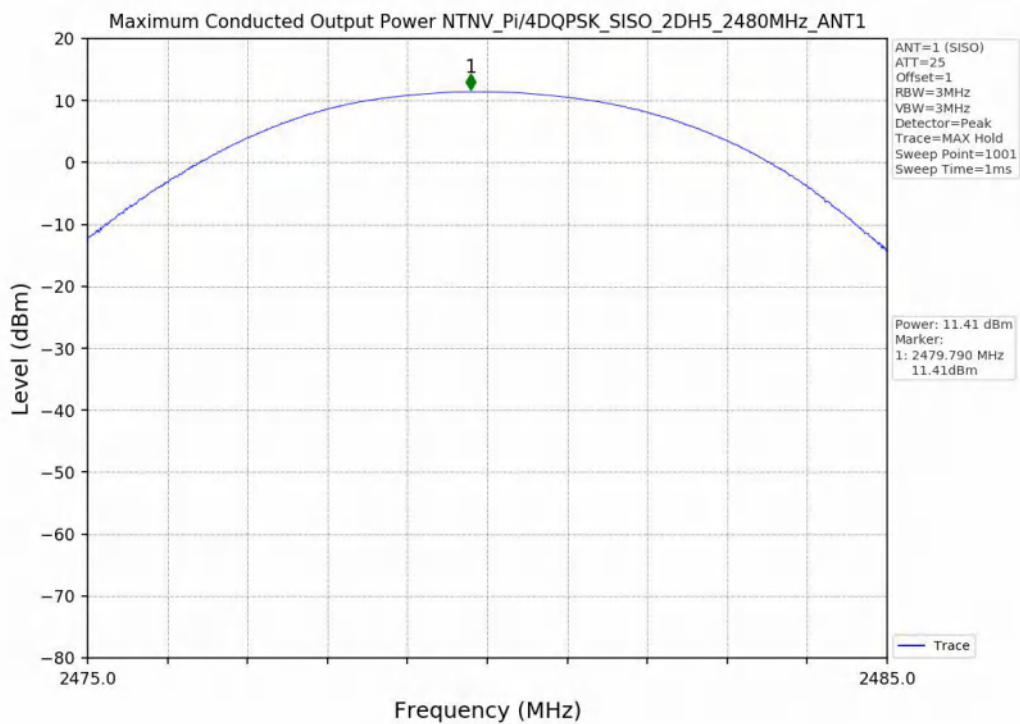
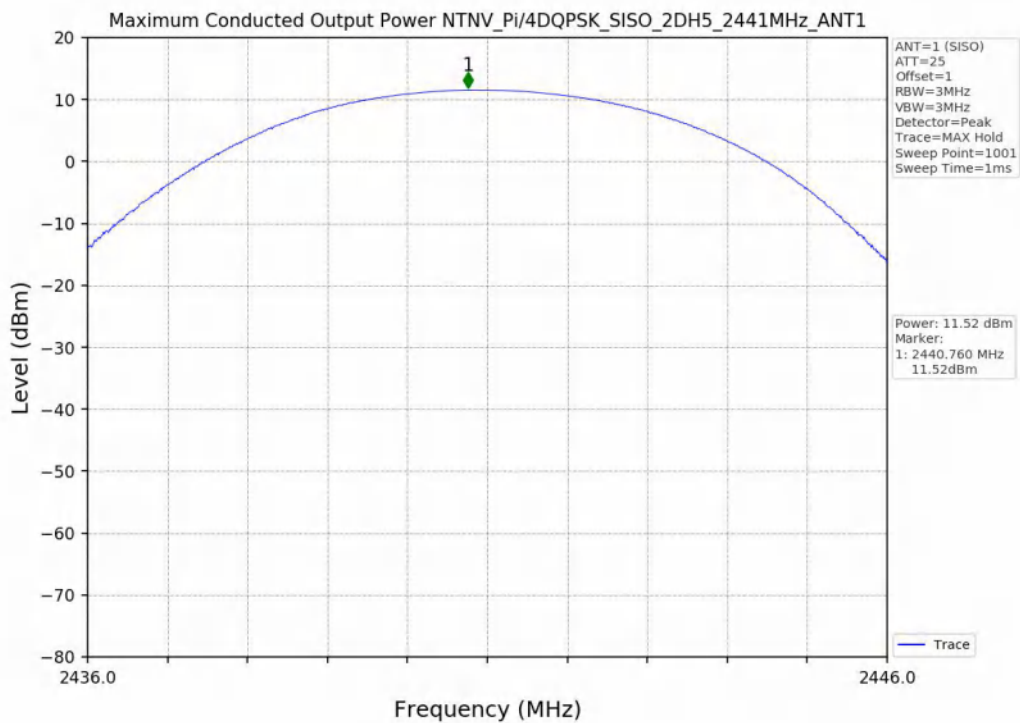
2.1 Test Result

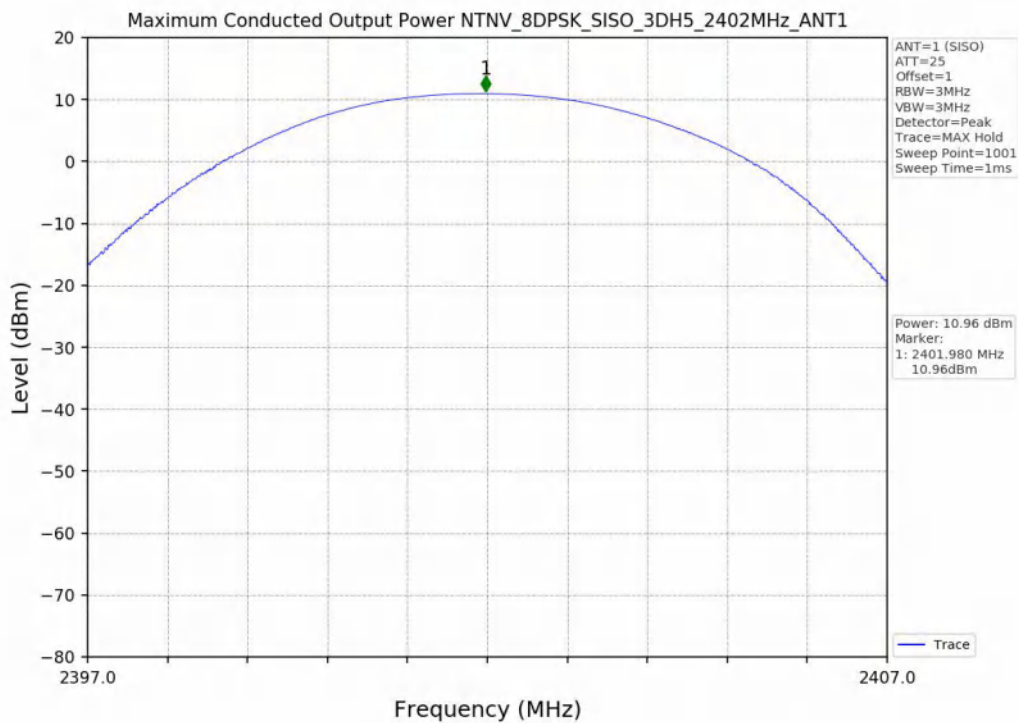
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	10.88	30	PASS
	2441	SISO	11.52	30	PASS
	2480	SISO	11.37	30	PASS
Pi/4DQPSK	2402	SISO	10.89	20.97	PASS
	2441	SISO	11.52	20.97	PASS
	2480	SISO	11.41	20.97	PASS
8DPSK	2402	SISO	10.96	20.97	PASS
	2441	SISO	11.58	20.97	PASS
	2480	SISO	11.45	20.97	PASS

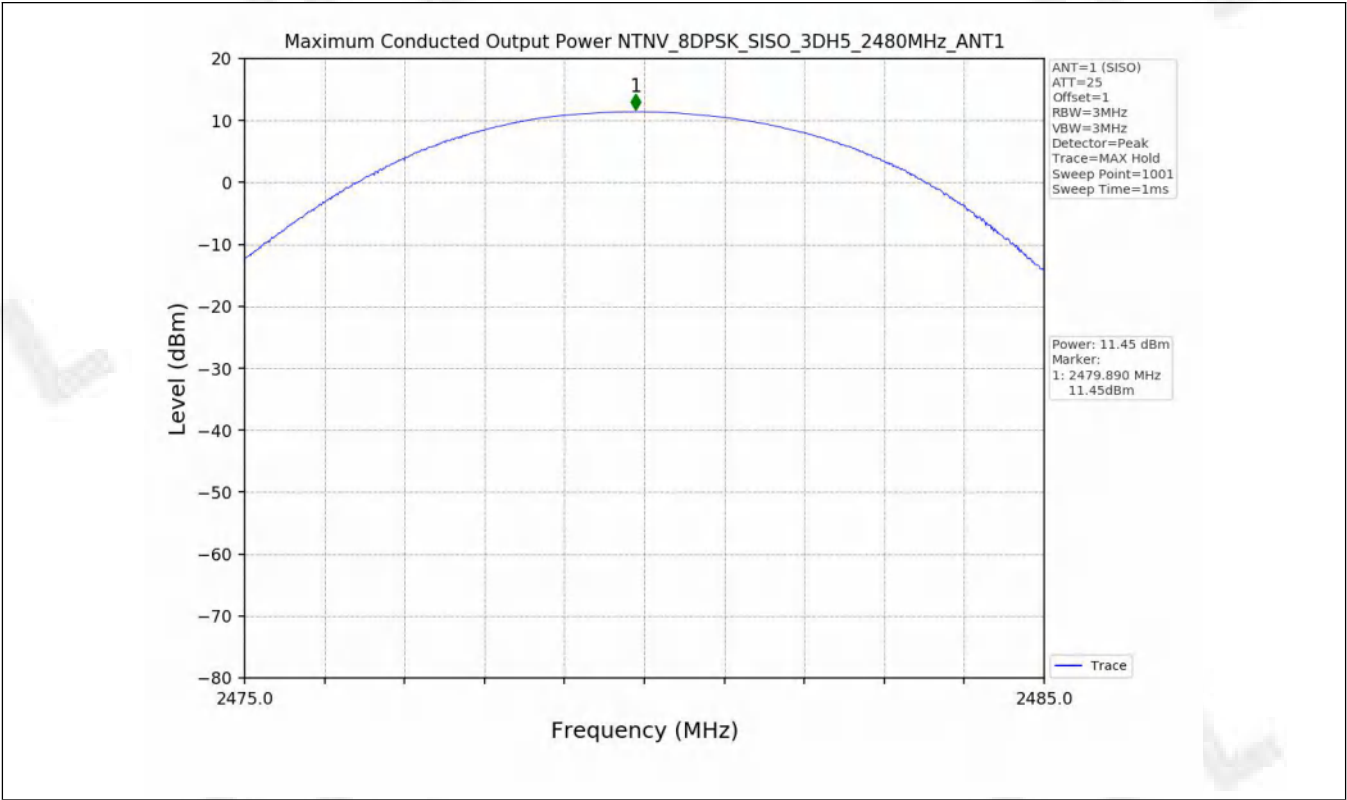
2.2 Test Graph









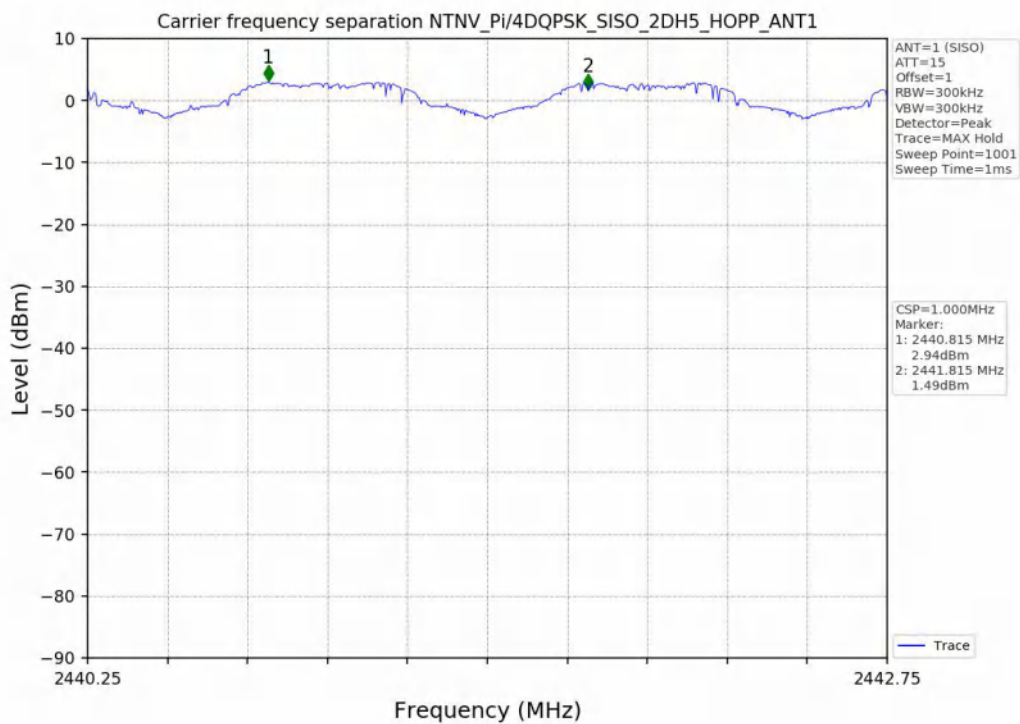
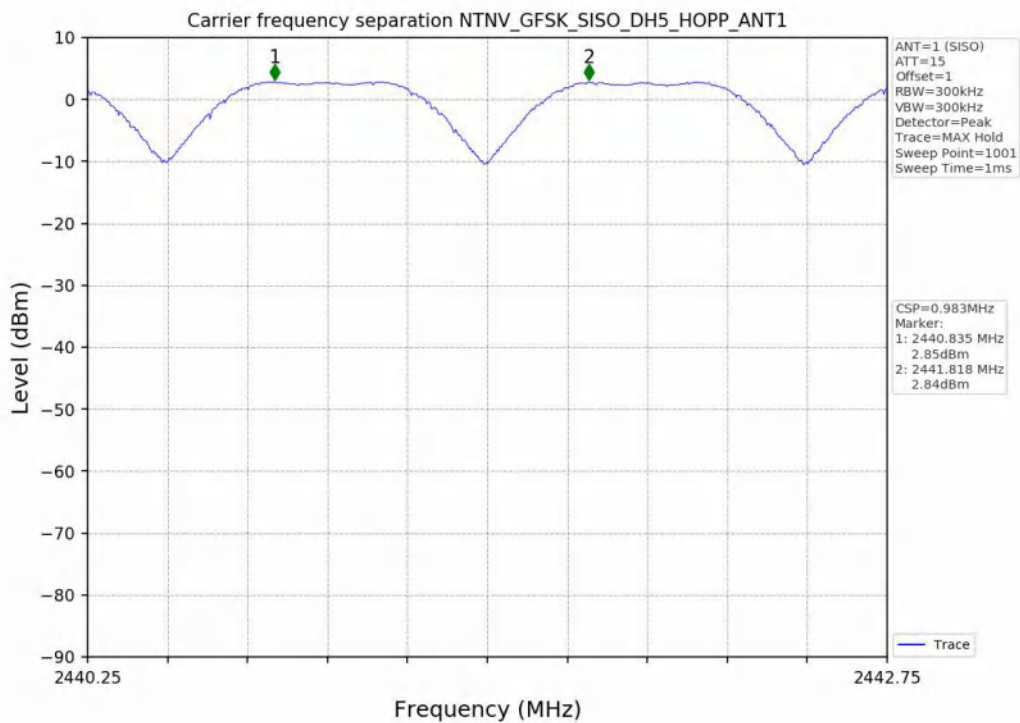


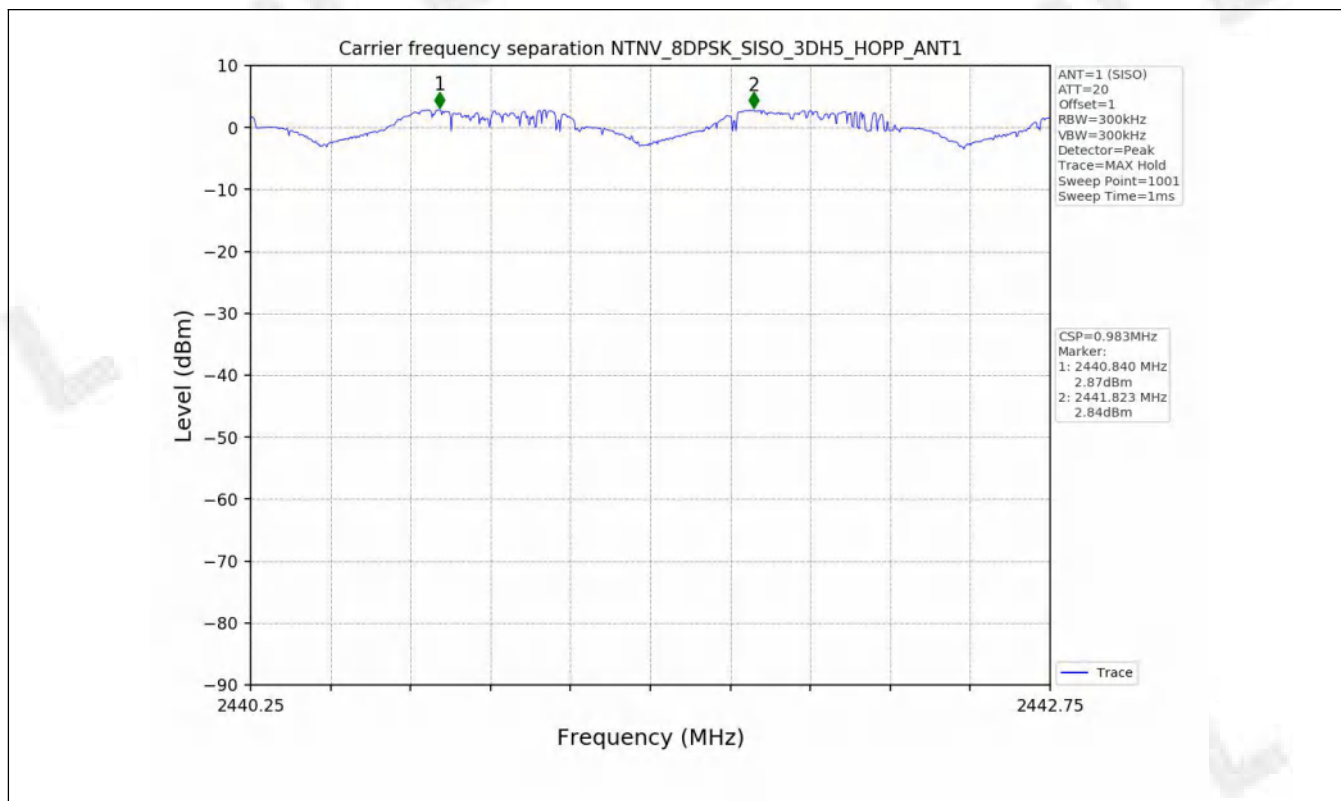
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.983	0.965	≥ 0.965	PASS
Pi/4DQPSK	SISO	1	1.000	1.362	≥ 0.908	PASS
8DPSK	SISO	1	0.983	1.369	≥ 0.913	PASS

3.2 Test Graph



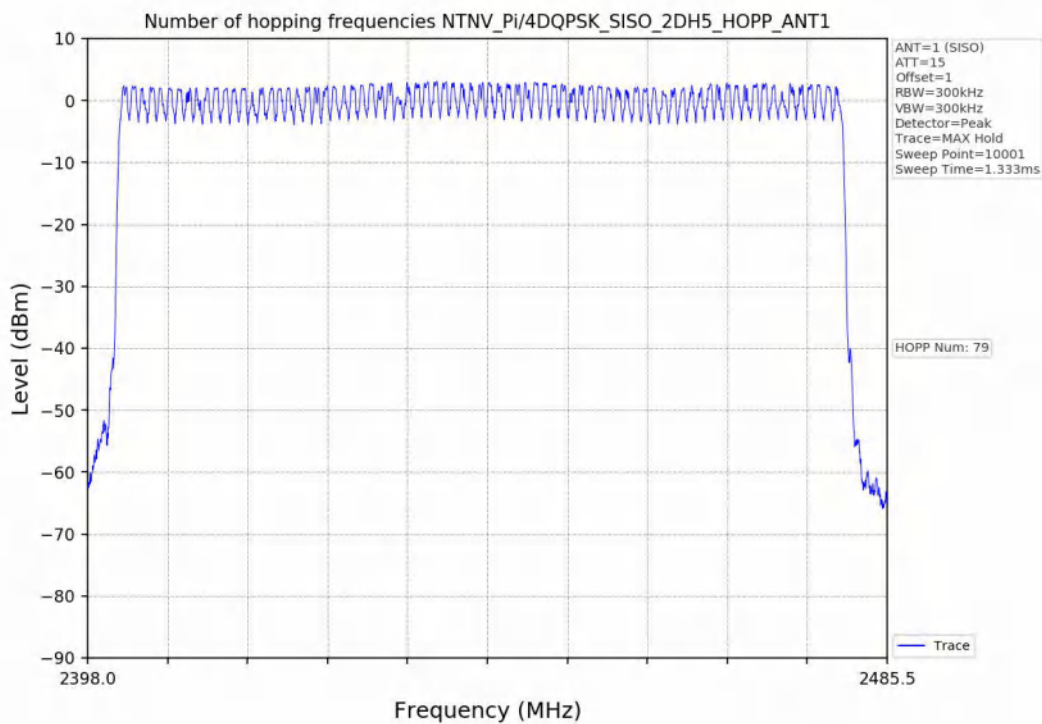
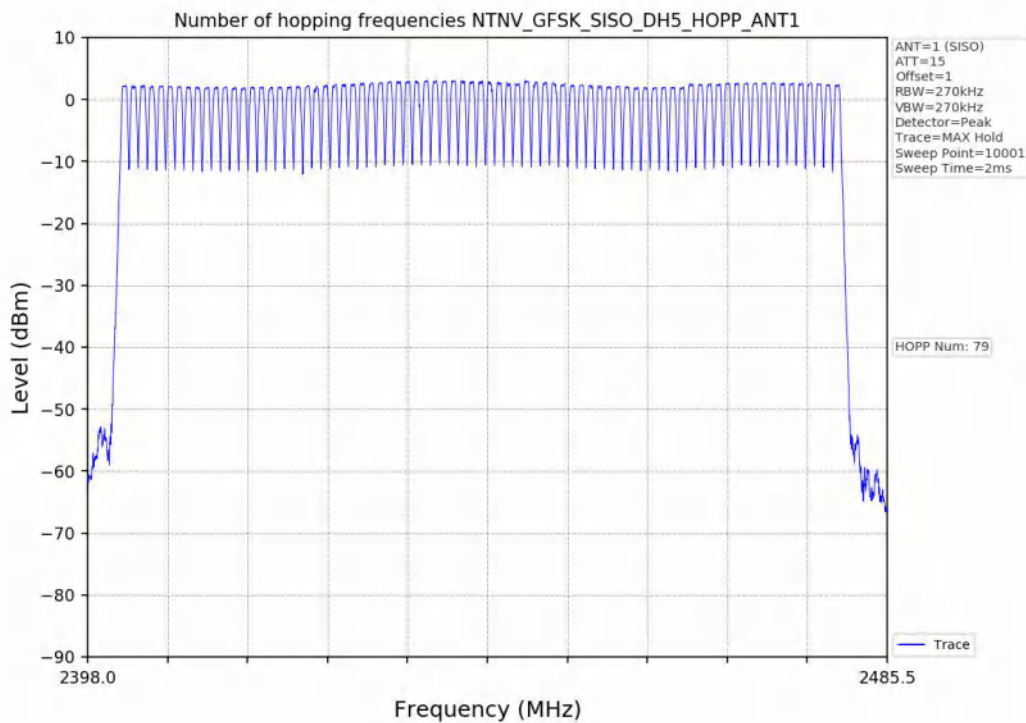


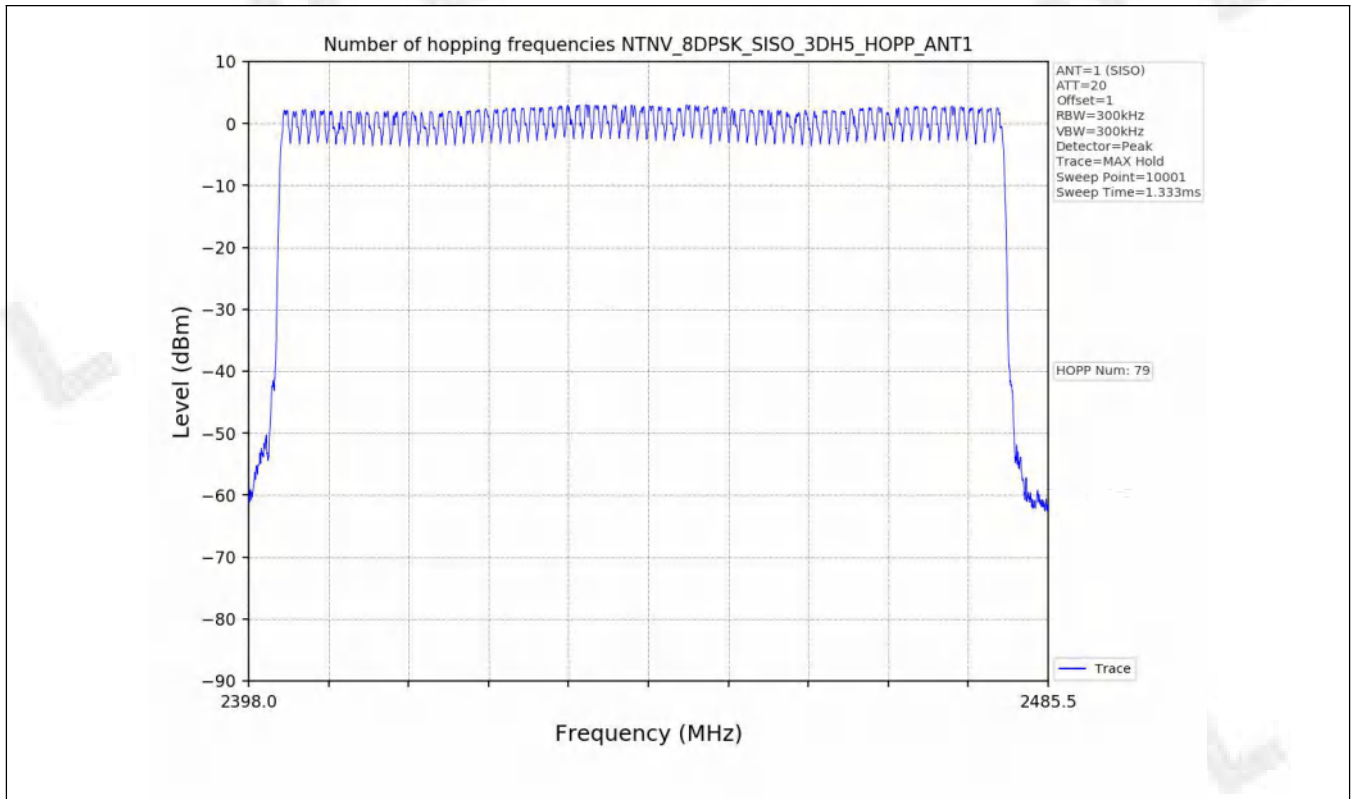
4. Number of hopping frequencies

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



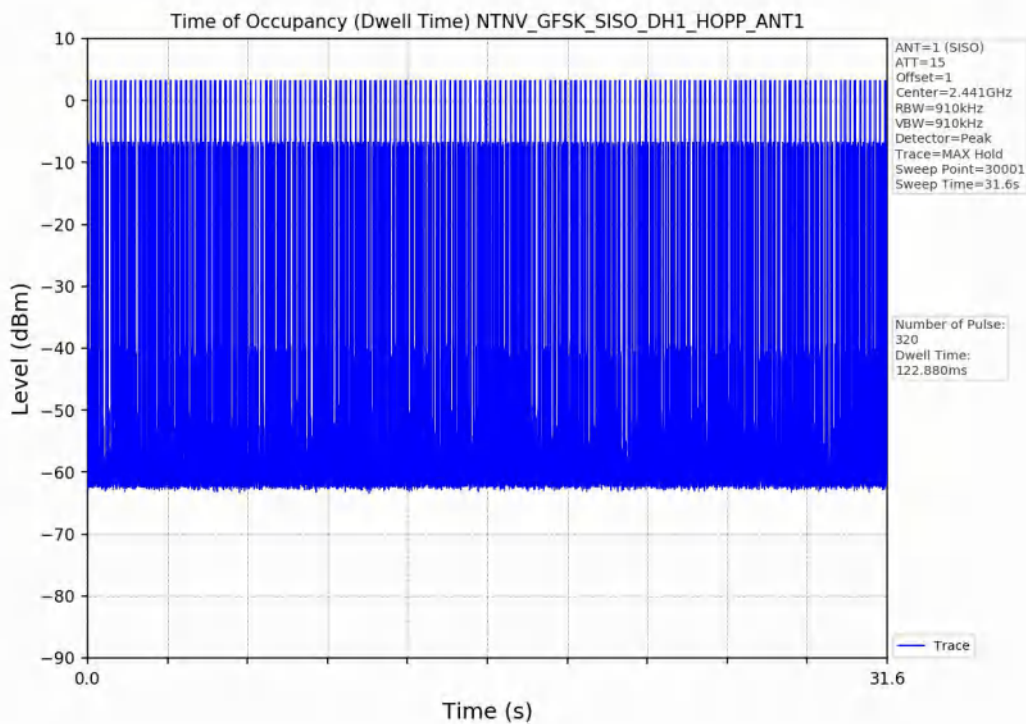
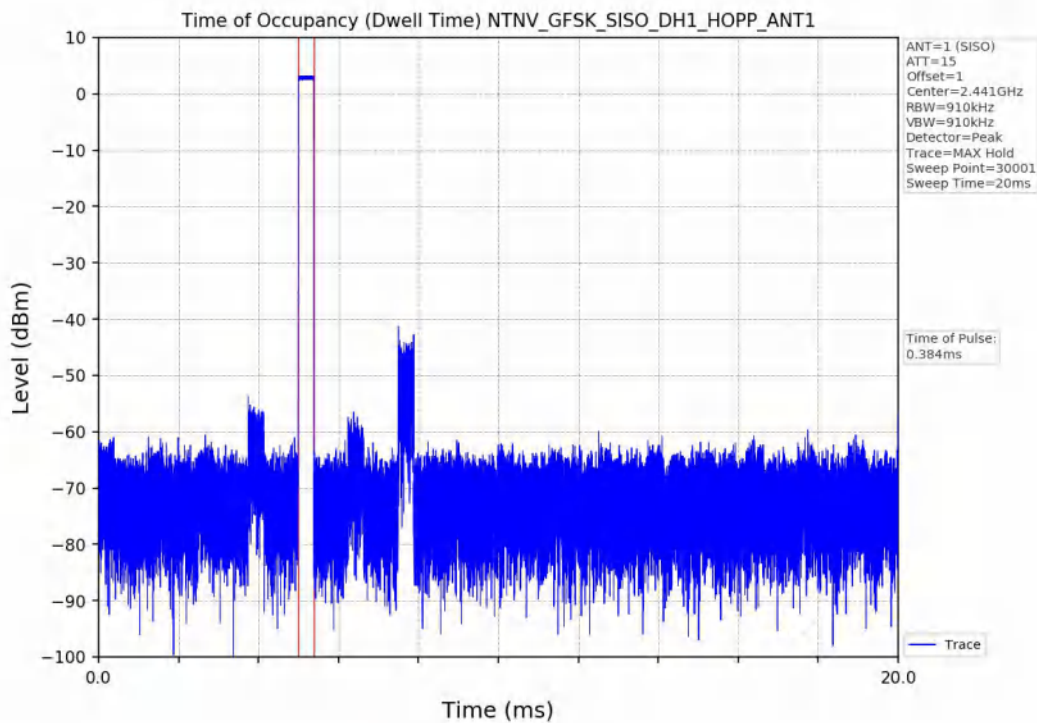


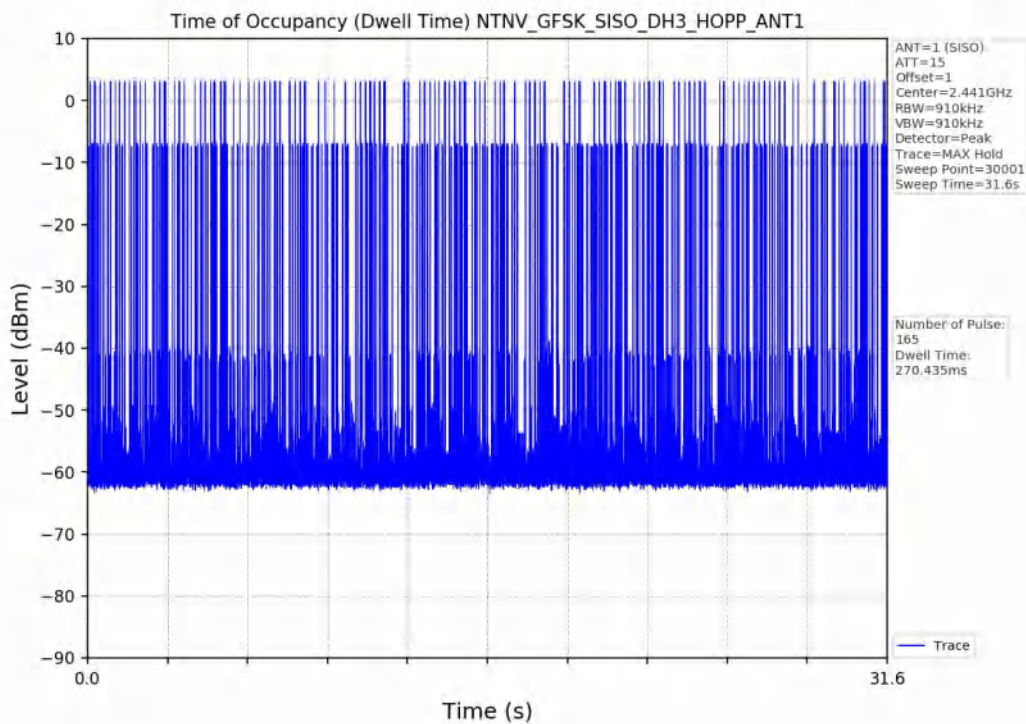
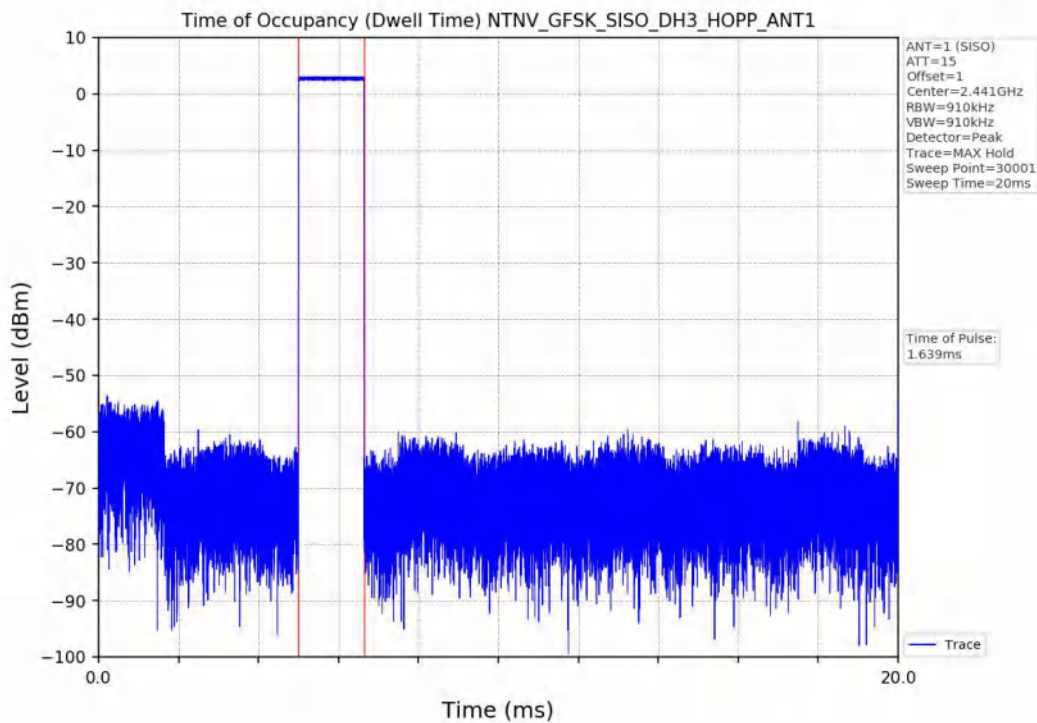
5. Time of Occupancy (Dwell Time)

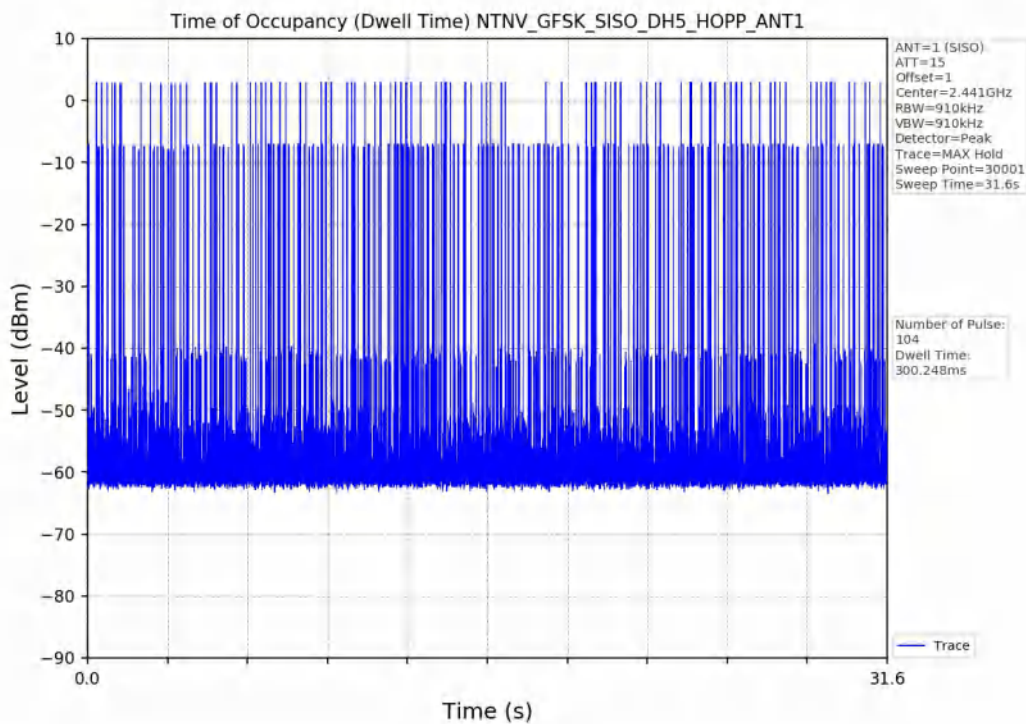
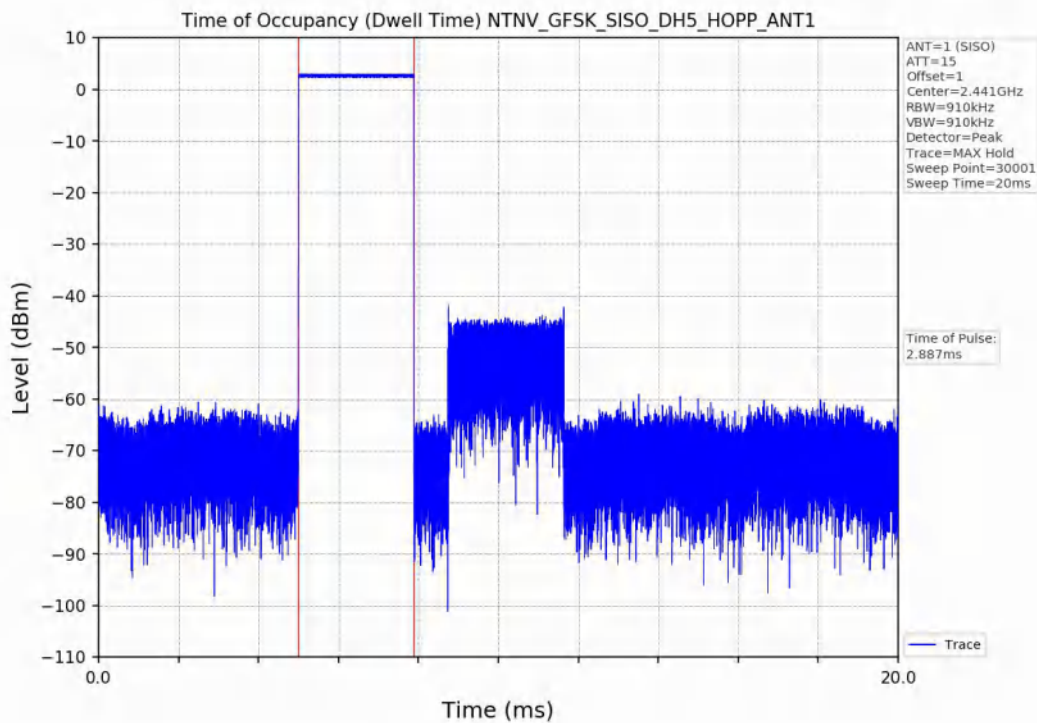
5.1 Test Result

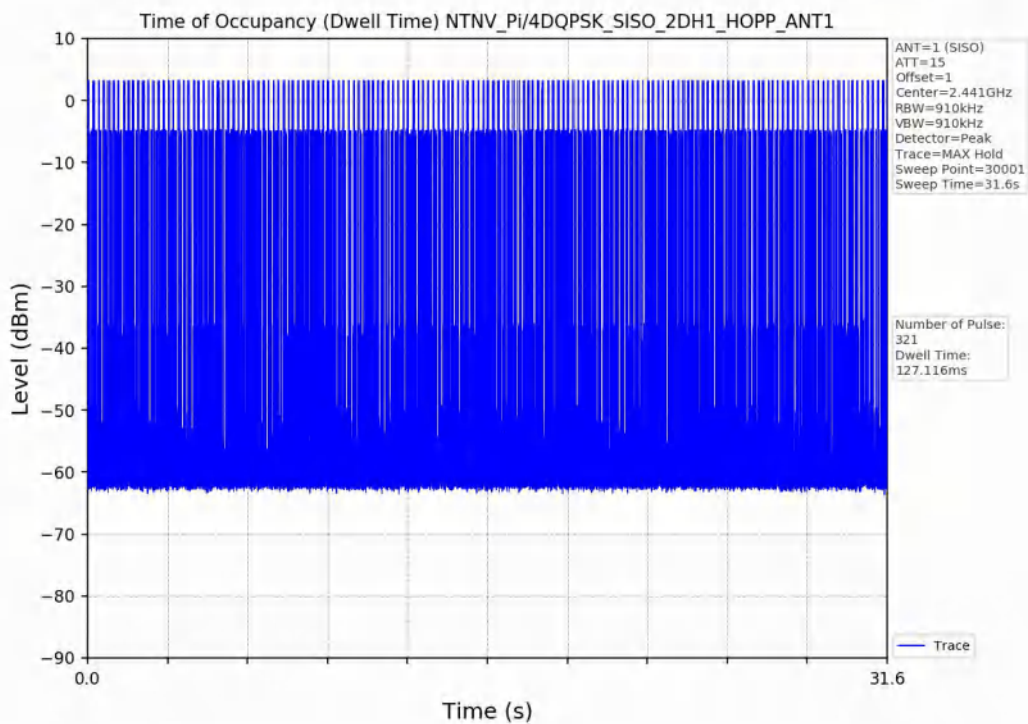
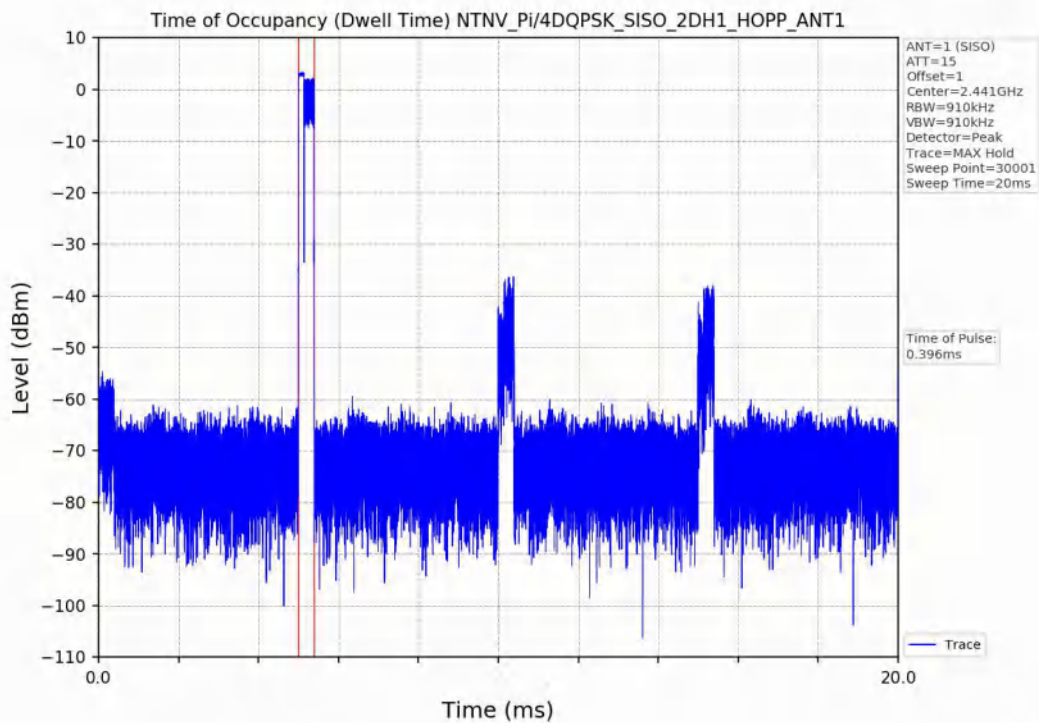
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.384	31.6	320	122.880	≤400	PASS
	DH3	SISO	1	1.639	31.6	165	270.435	≤400	PASS
	DH5	SISO	1	2.887	31.6	104	300.248	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.396	31.6	321	127.116	≤400	PASS
	2DH3	SISO	1	1.647	31.6	153	251.991	≤400	PASS
	2DH5	SISO	1	2.896	31.6	99	286.704	≤400	PASS
8DPSK	3DH1	SISO	1	0.394	31.6	320	126.080	≤400	PASS
	3DH3	SISO	1	1.652	31.6	158	261.016	≤400	PASS
	3DH5	SISO	1	2.903	31.6	112	325.136	≤400	PASS

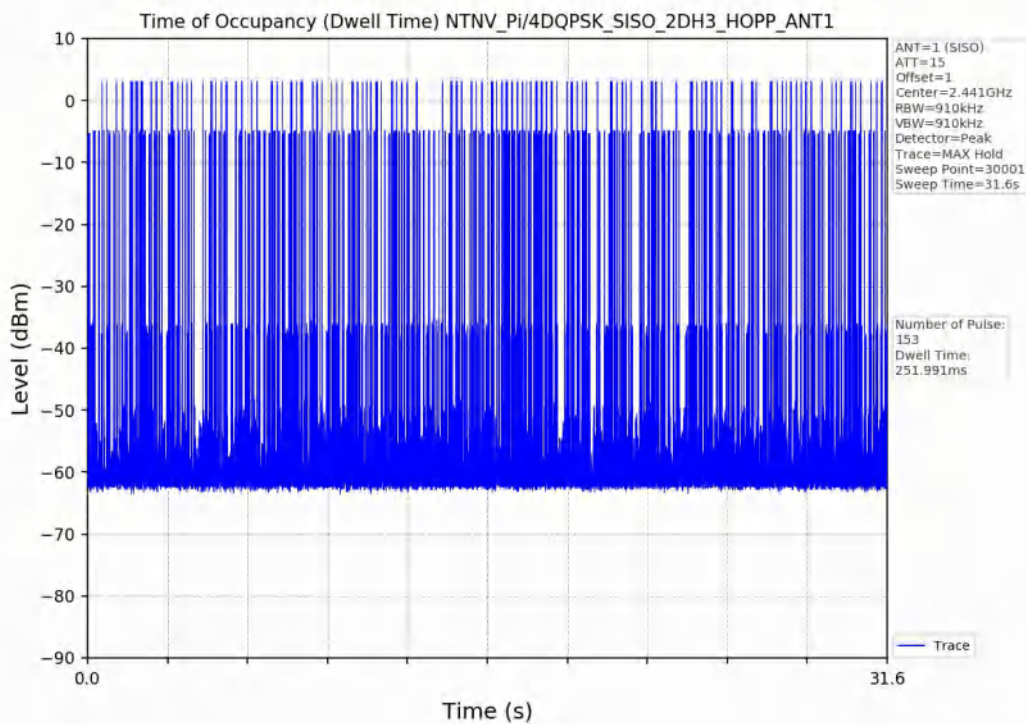
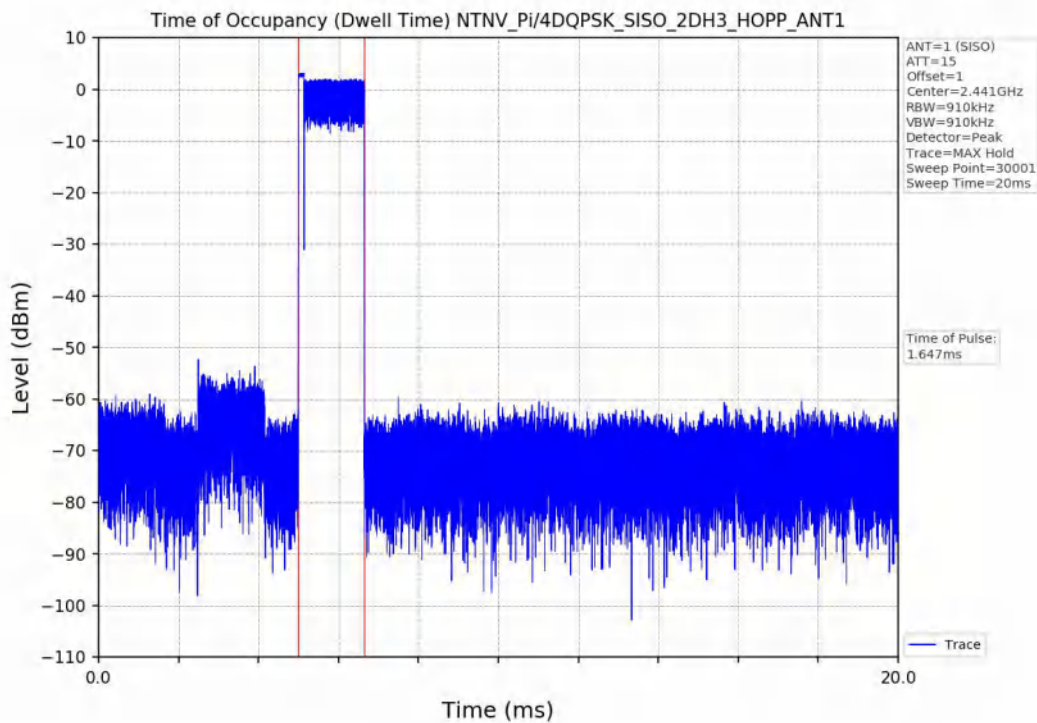
5.2 Test Graph

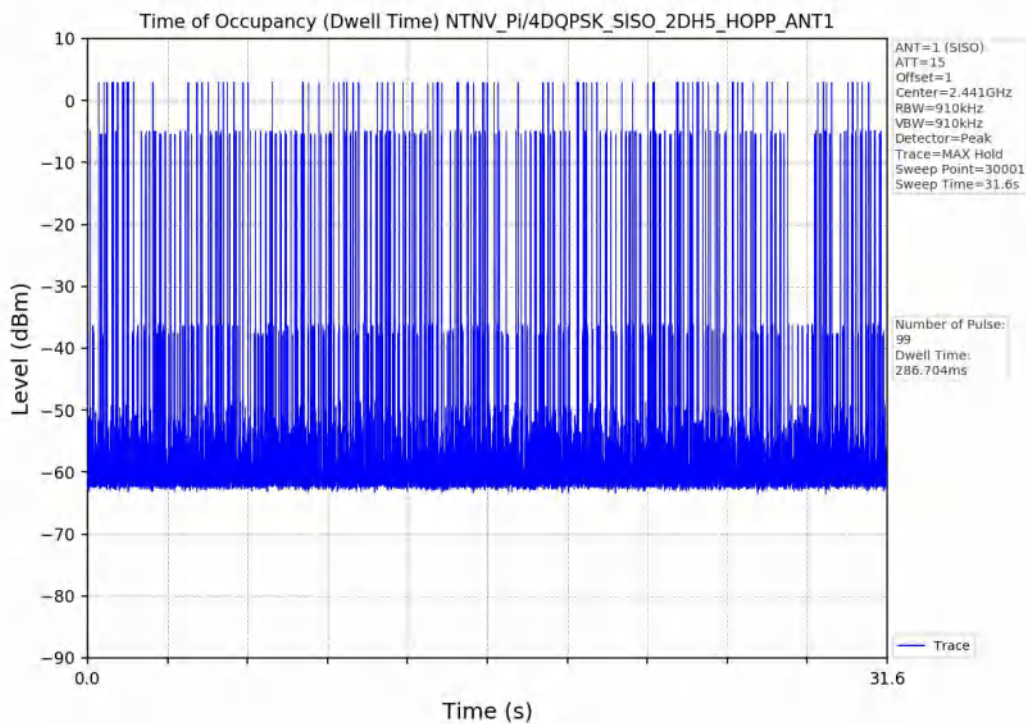
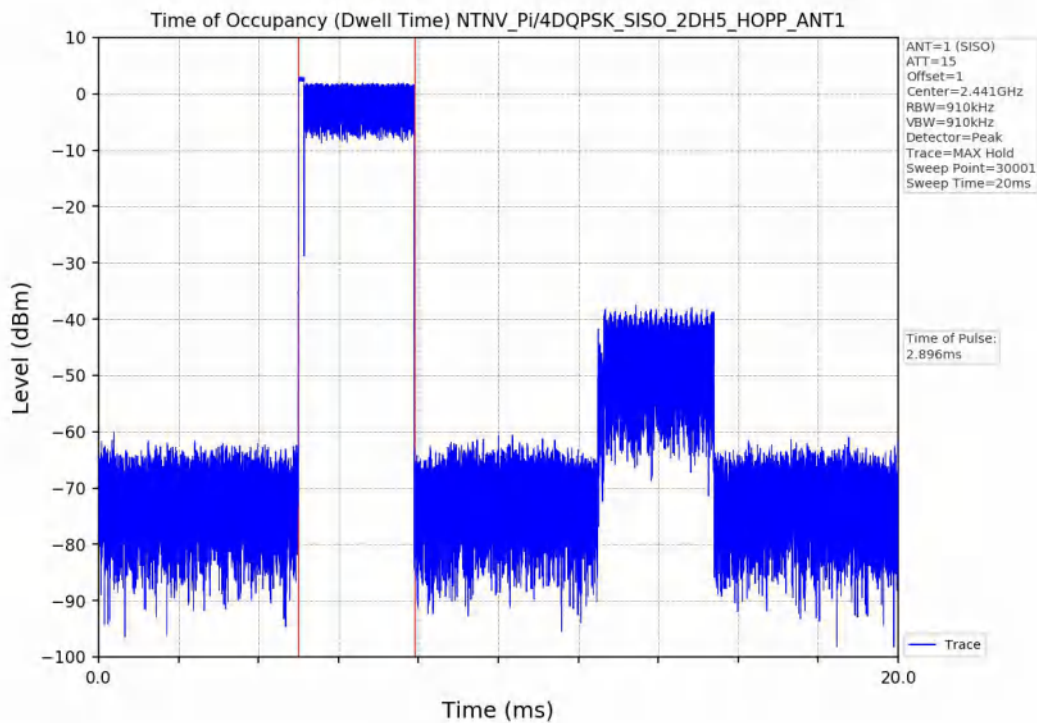


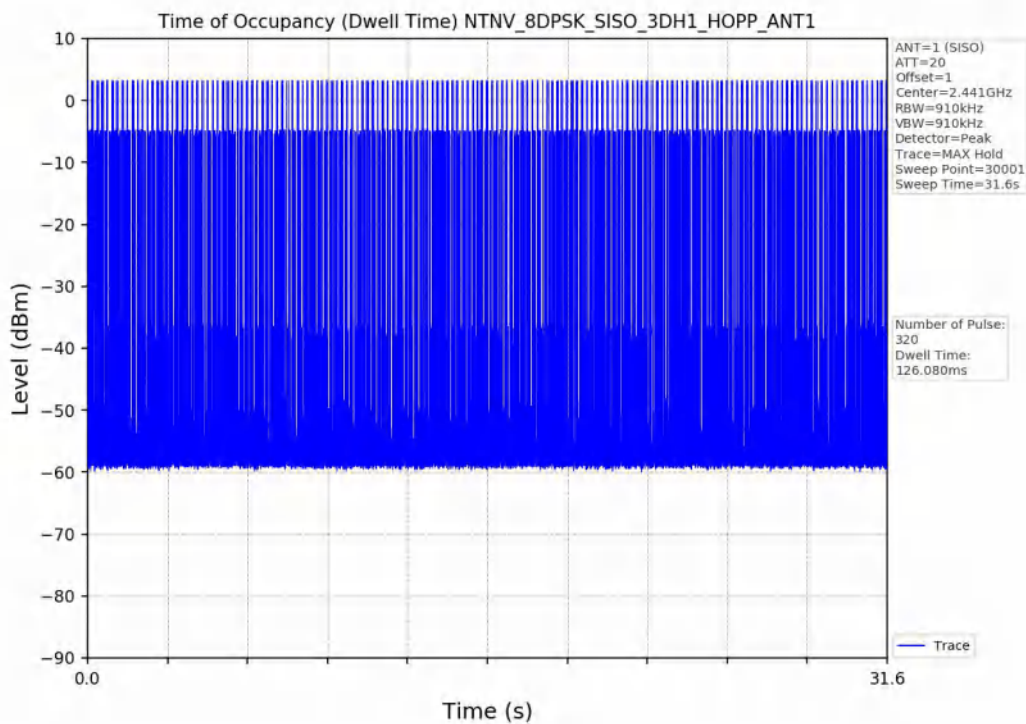
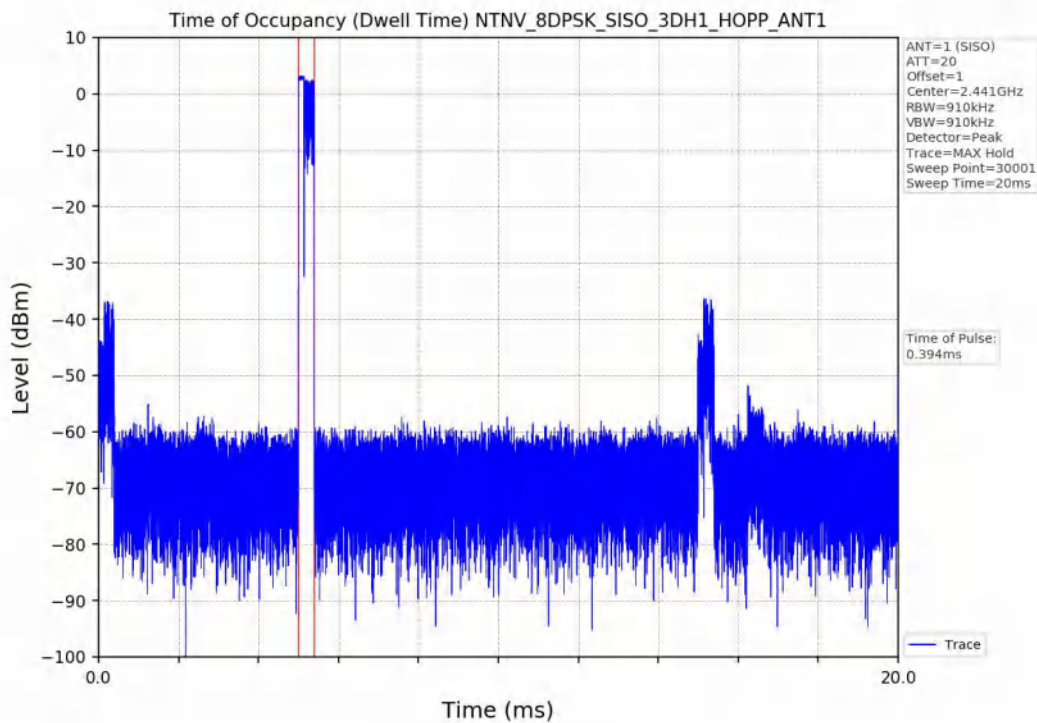


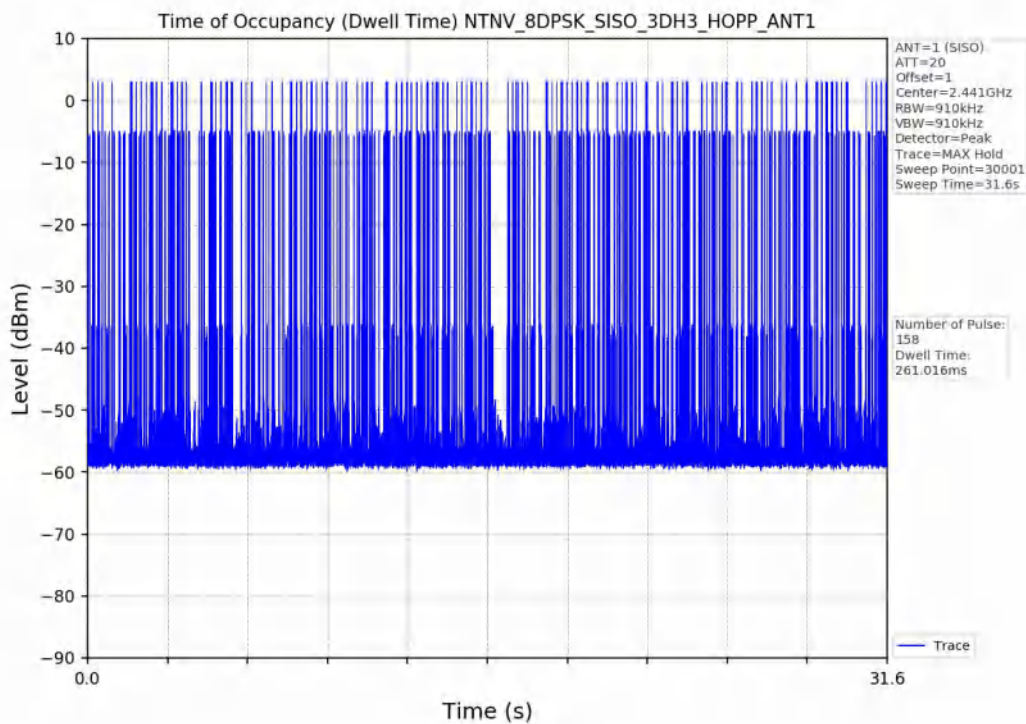
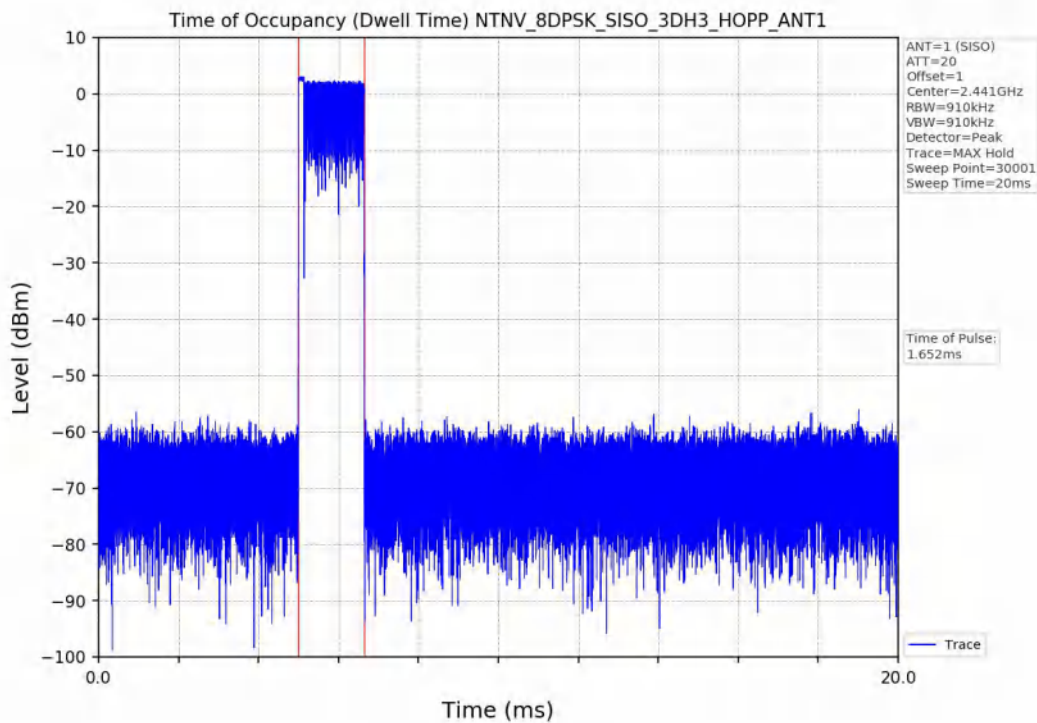


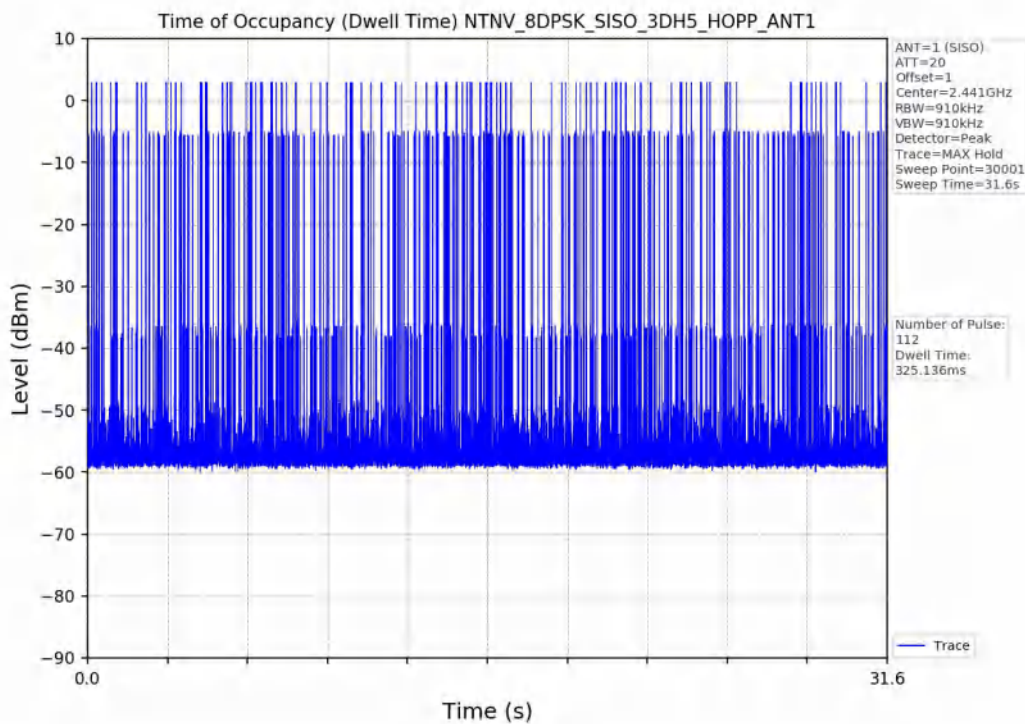
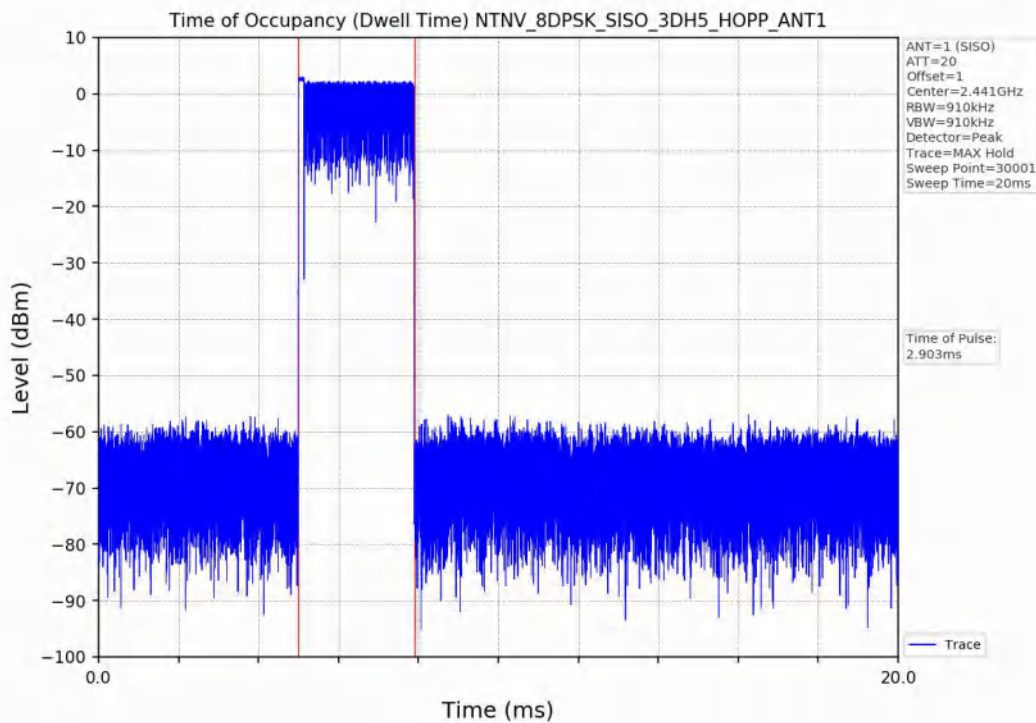












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-8.73	PASS
	2441	SISO	1	Refer to test graph	-8.73	PASS
	2480	SISO	1	Refer to test graph	-8.73	PASS
	Hopping	SISO	1	Refer to test graph	-8.73	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-8.60	PASS
	2441	SISO	1	Refer to test graph	-8.60	PASS
	2480	SISO	1	Refer to test graph	-8.60	PASS
	Hopping	SISO	1	Refer to test graph	-8.60	PASS
8DPSK	2402	SISO	1	Refer to test graph	-8.56	PASS
	2441	SISO	1	Refer to test graph	-8.56	PASS
	2480	SISO	1	Refer to test graph	-8.56	PASS
	Hopping	SISO	1	Refer to test graph	-8.56	PASS

6.2 Test Graph

