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Appendix for 15.247

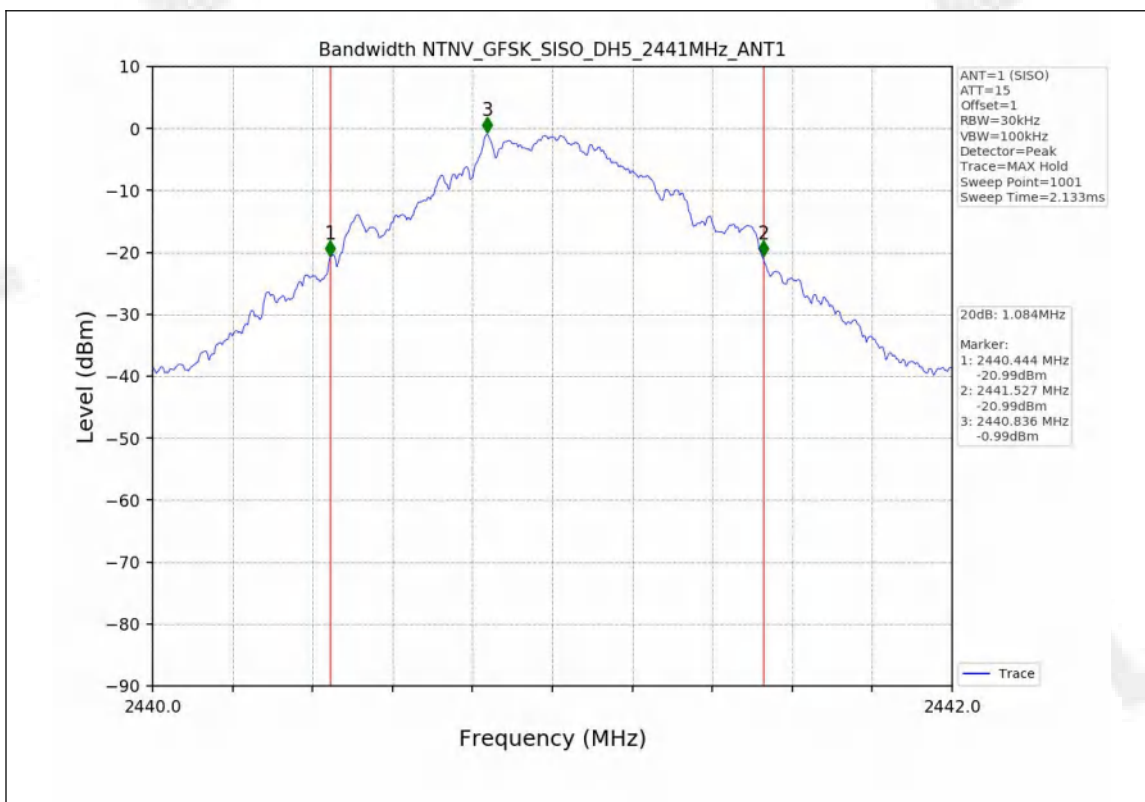
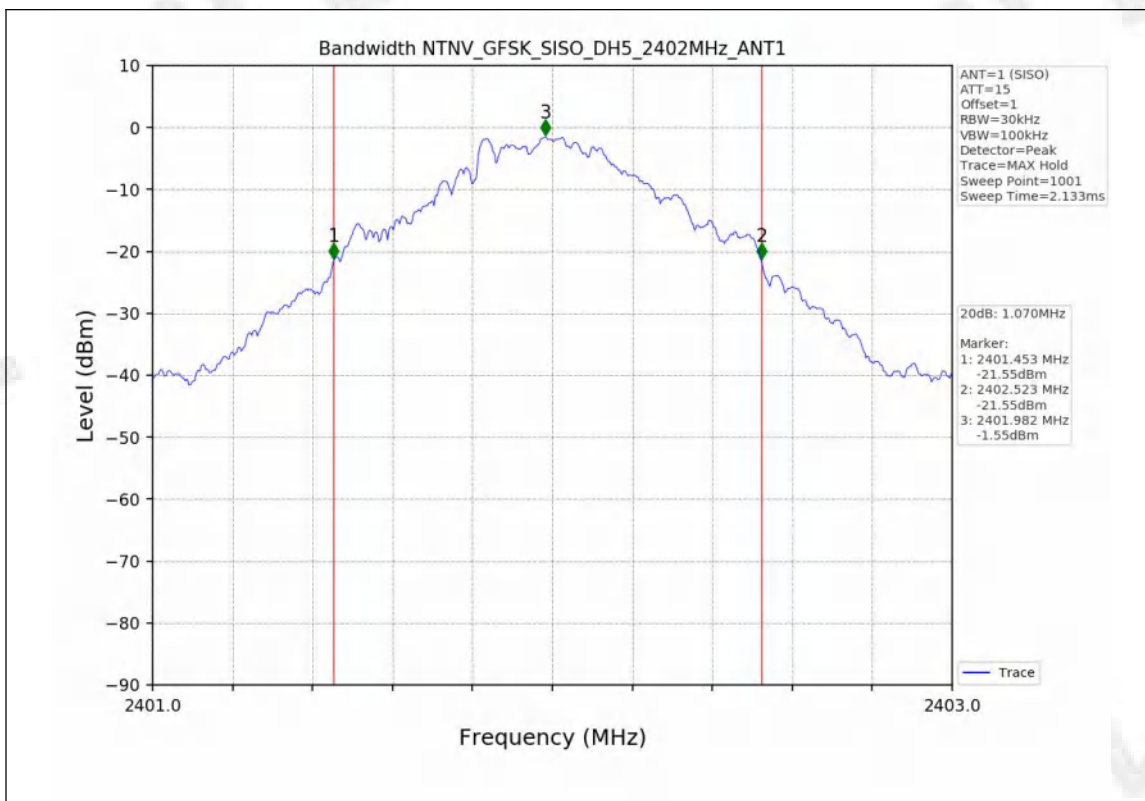
1. Bandwidth

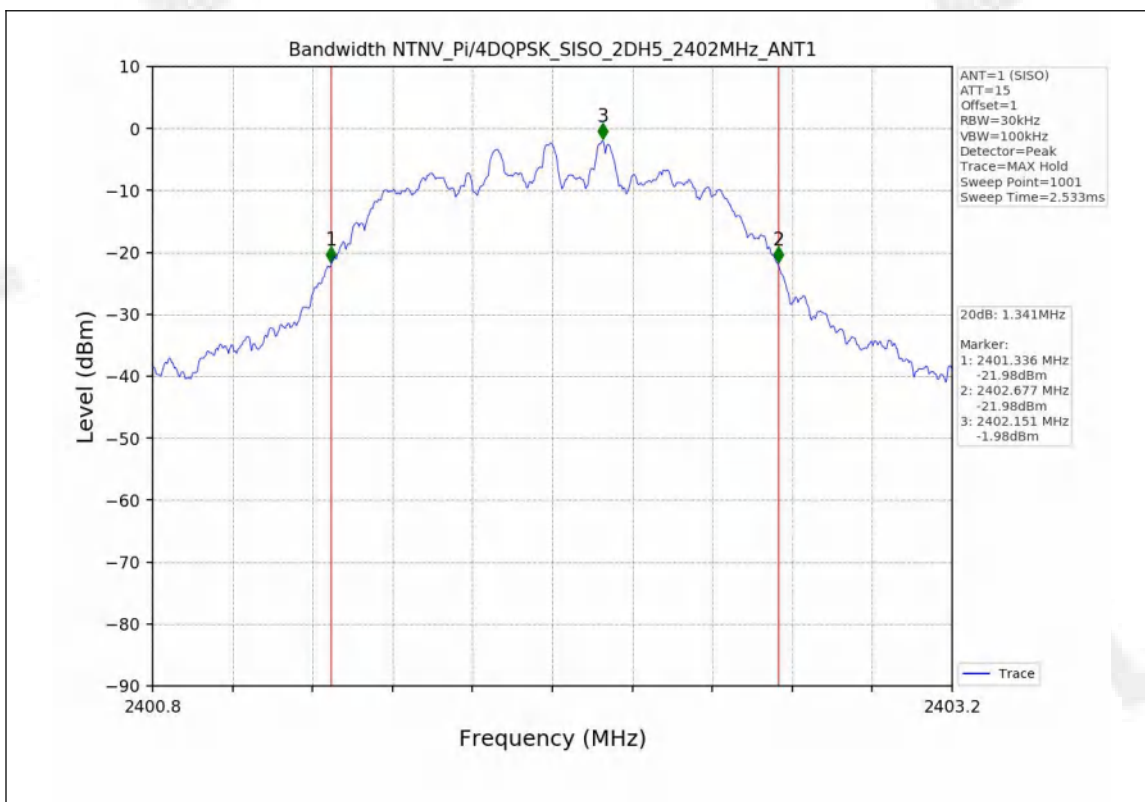
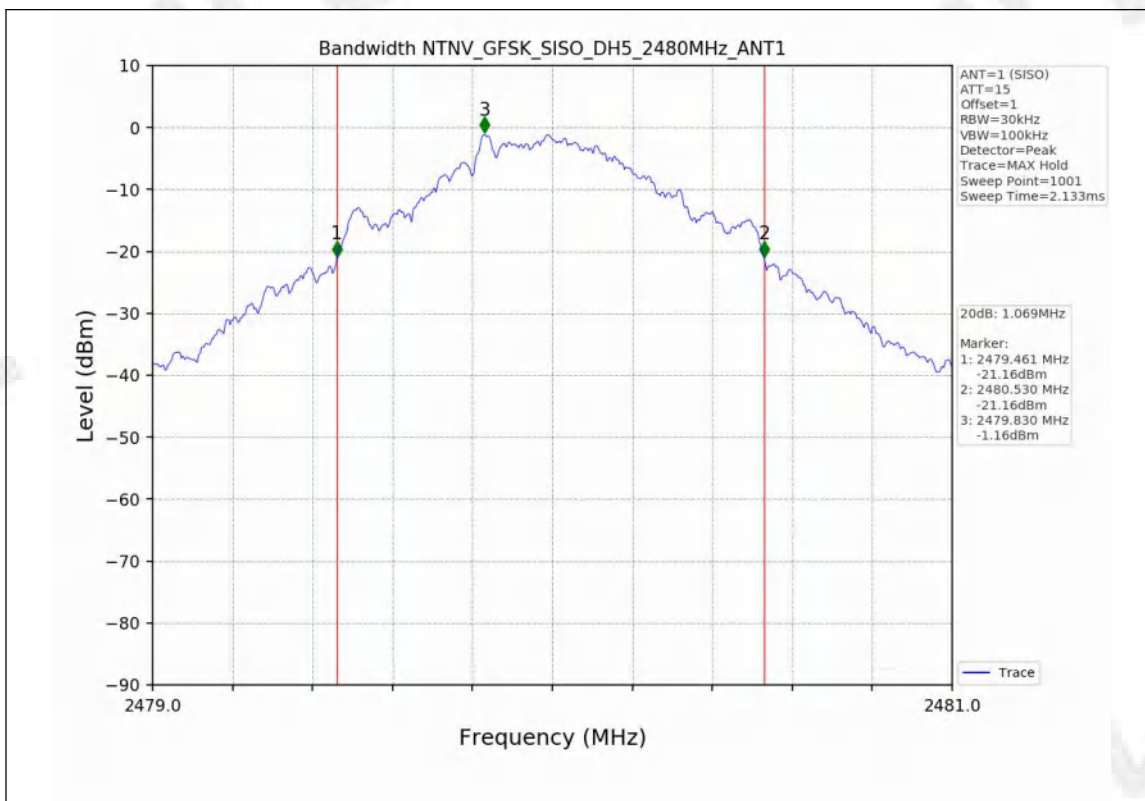
1.1 Test Result

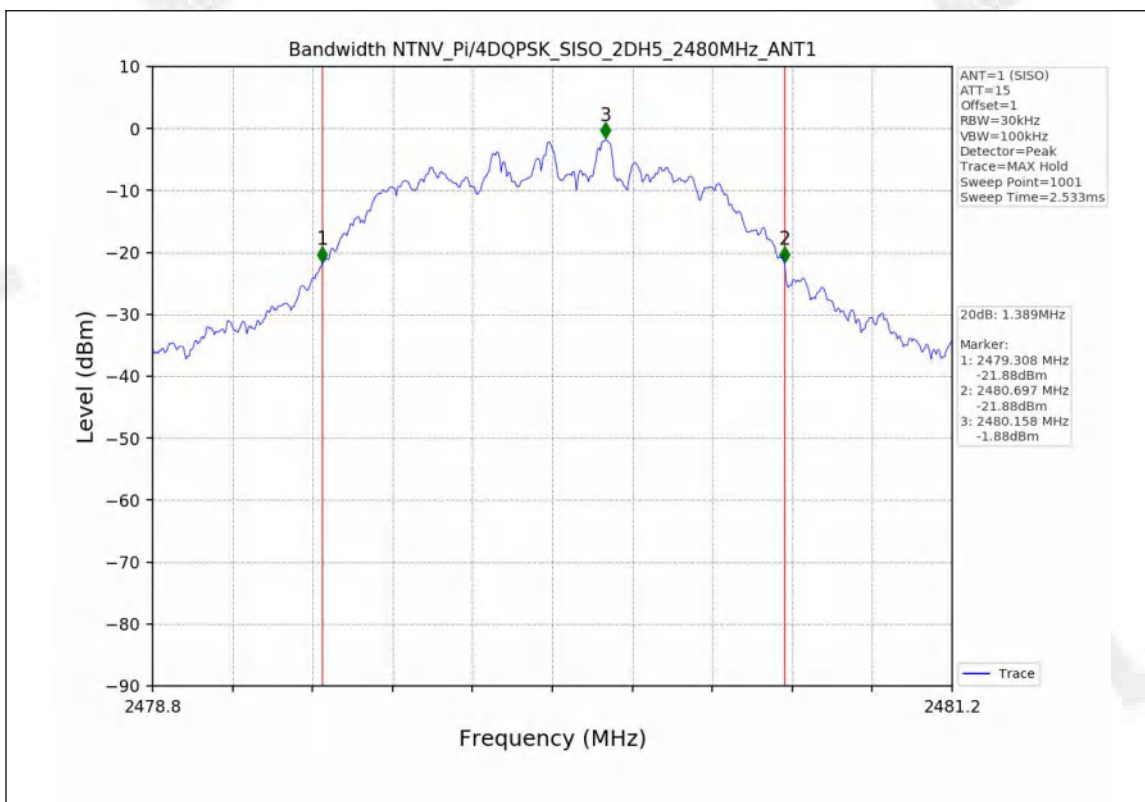
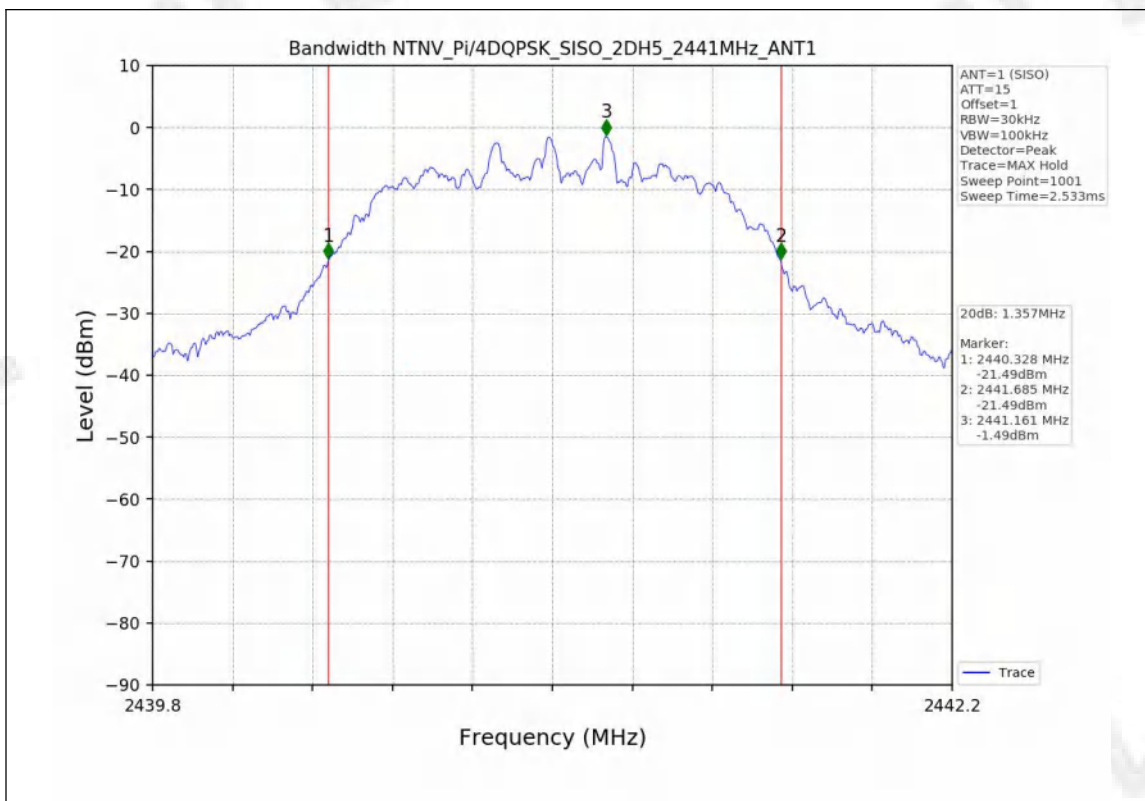
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	1.070	PASS
	2441	SISO	1	1.084	PASS
	2480	SISO	1	1.069	PASS
Pi/4DQPSK	2402	SISO	1	1.341	PASS
	2441	SISO	1	1.357	PASS
	2480	SISO	1	1.389	PASS
8DPSK	2402	SISO	1	1.318	PASS
	2441	SISO	1	1.309	PASS
	2480	SISO	1	1.335	PASS

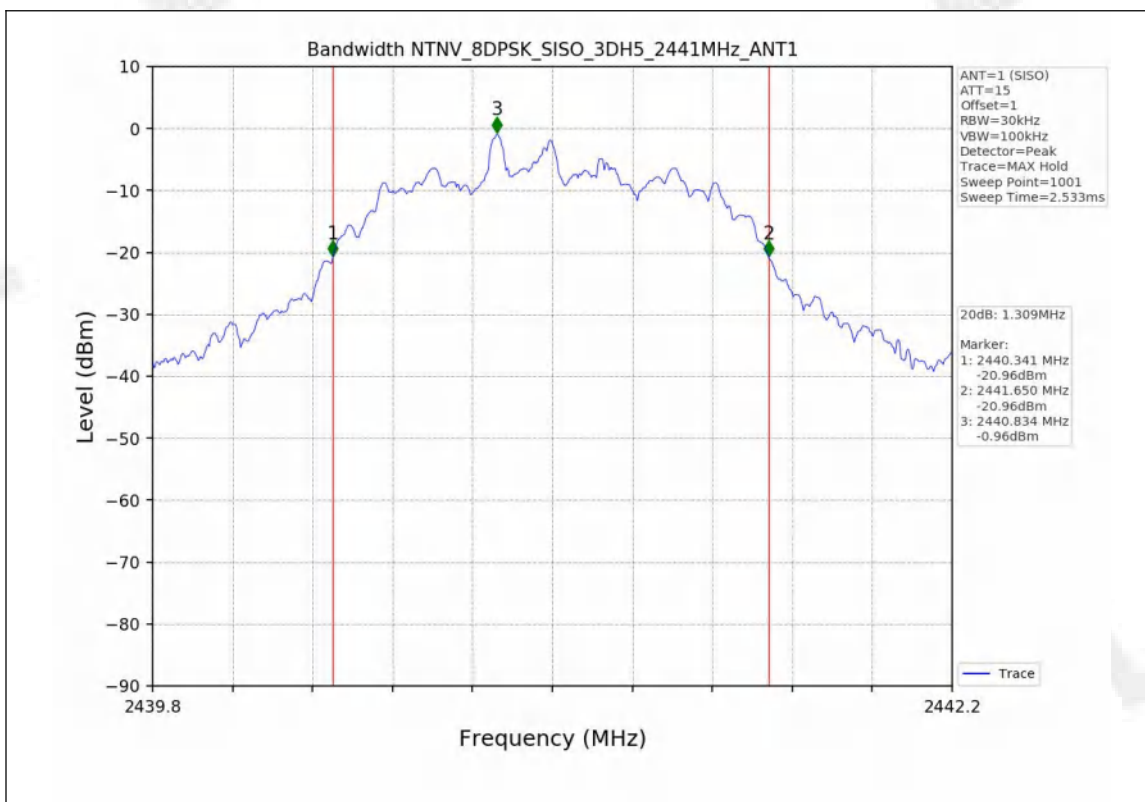
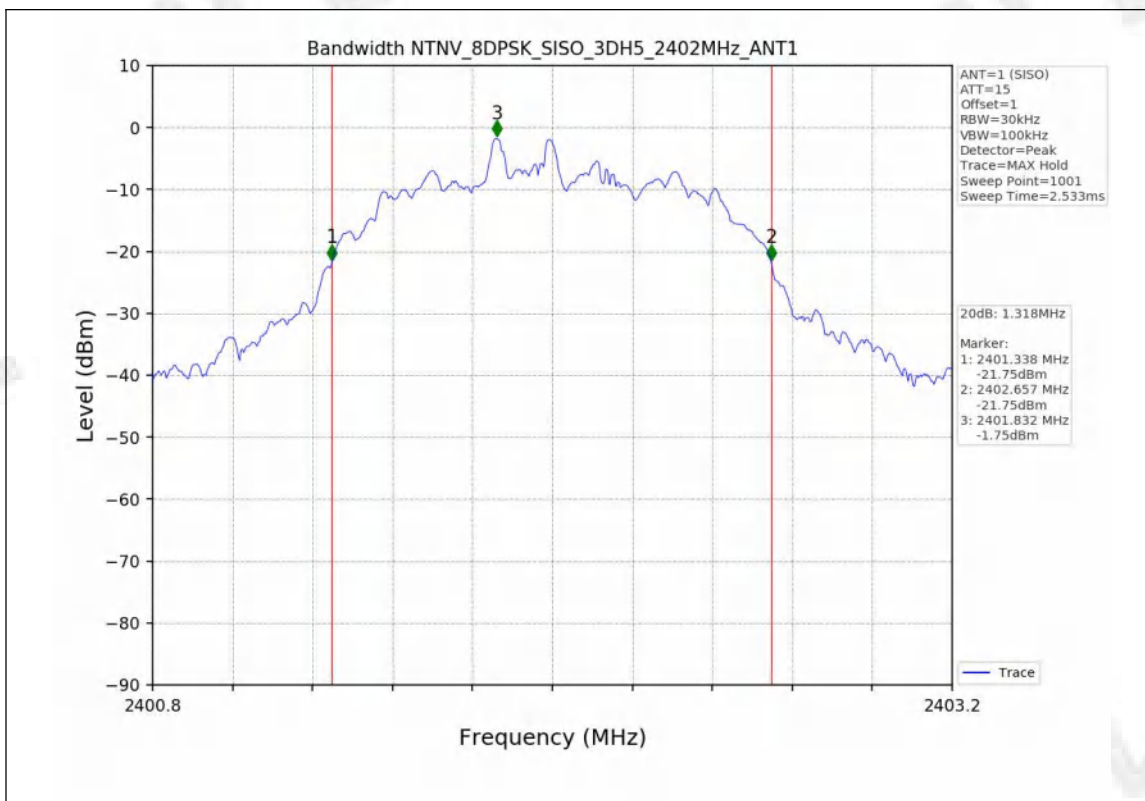
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.974	Only for Report Use
	2441	SISO	1	0.996	Only for Report Use
	2480	SISO	1	1.016	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.242	Only for Report Use
	2441	SISO	1	1.261	Only for Report Use
	2480	SISO	1	1.288	Only for Report Use
8DPSK	2402	SISO	1	1.238	Only for Report Use
	2441	SISO	1	1.248	Only for Report Use
	2480	SISO	1	1.263	Only for Report Use

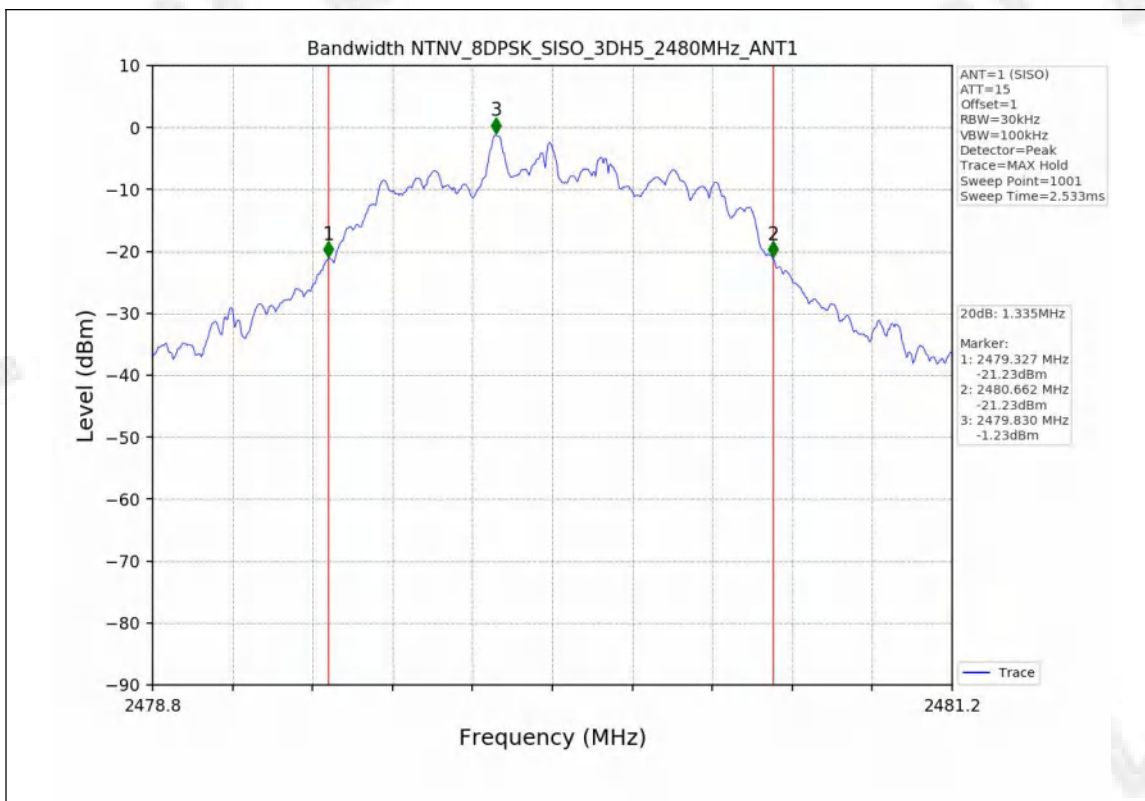
1.2 Test Graph - 20dB Bandwidth



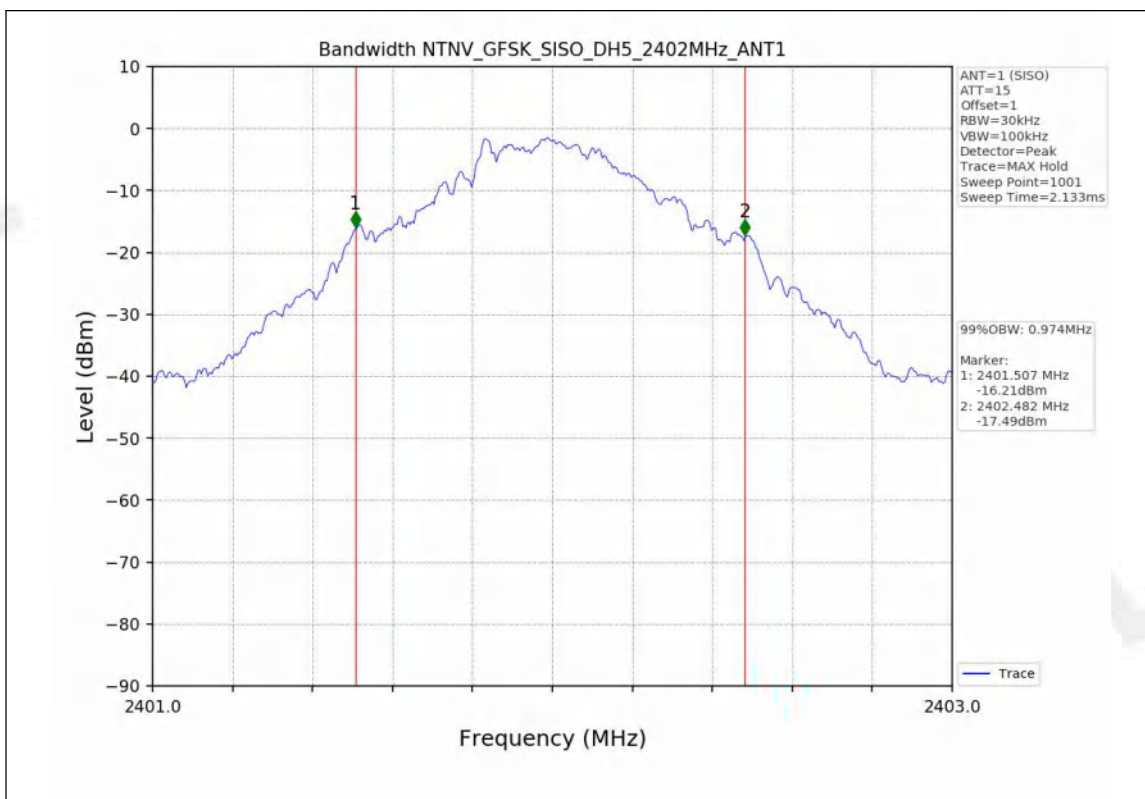


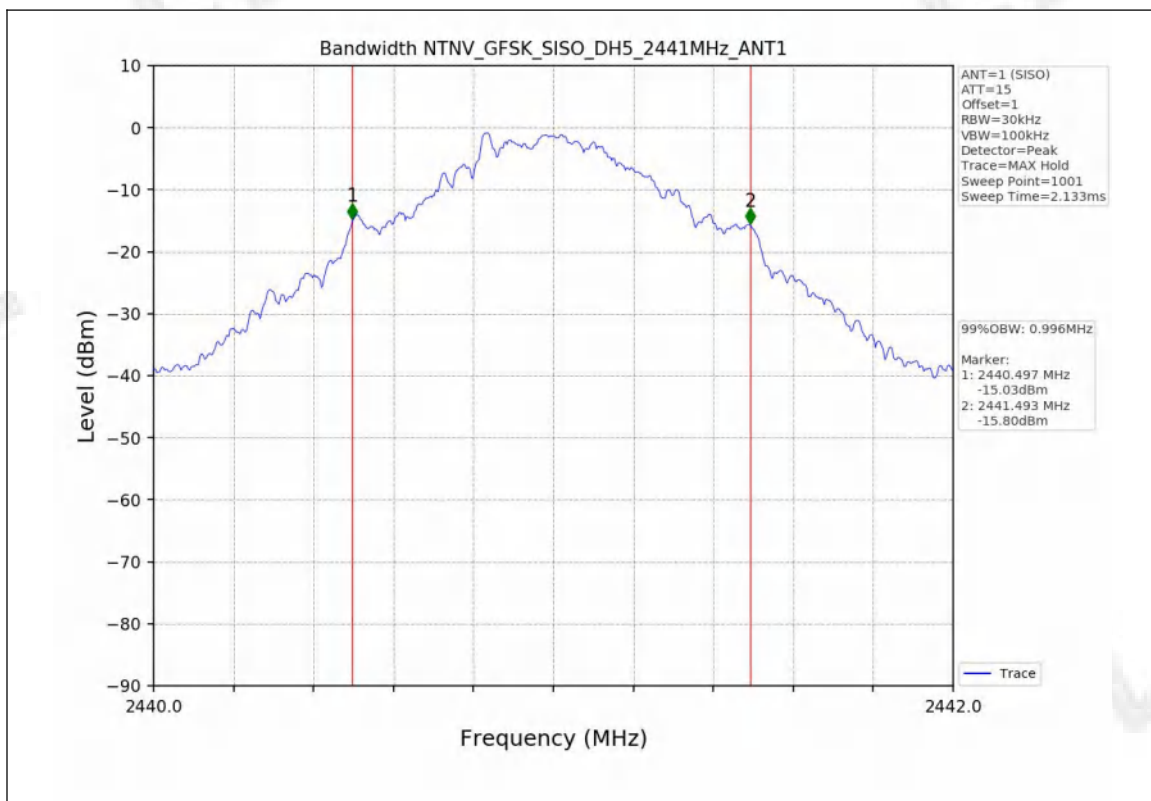


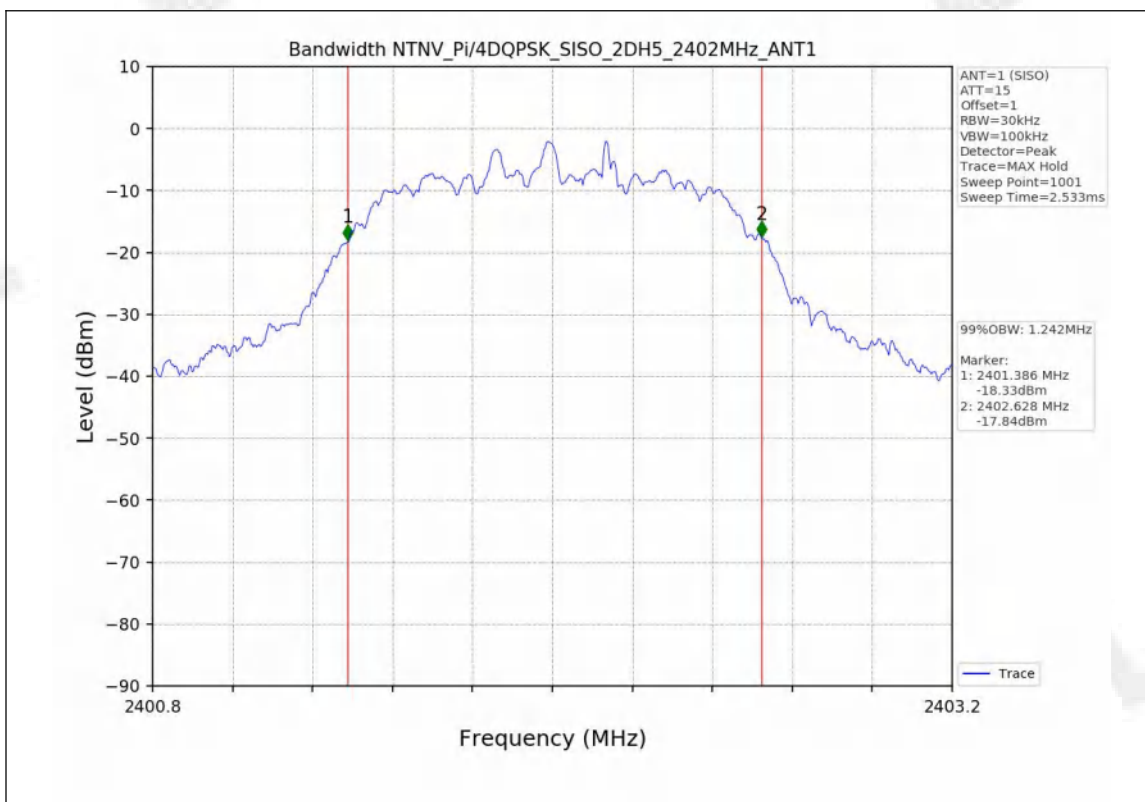
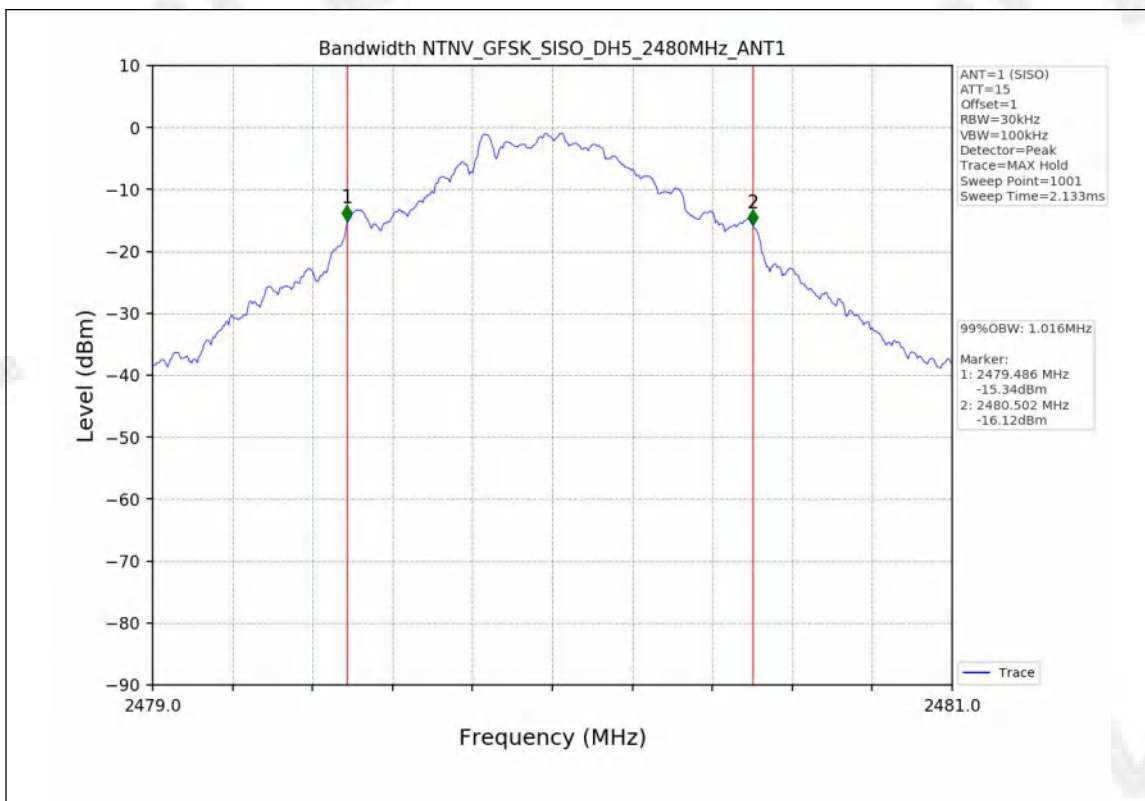


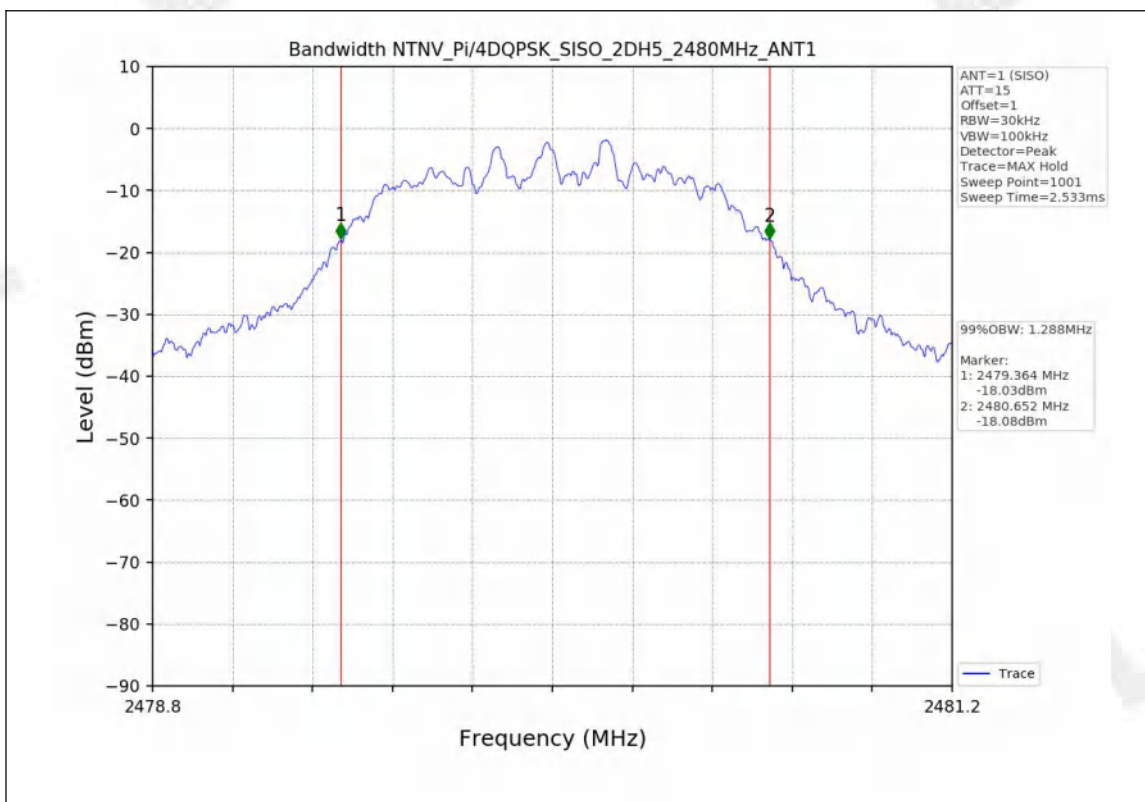
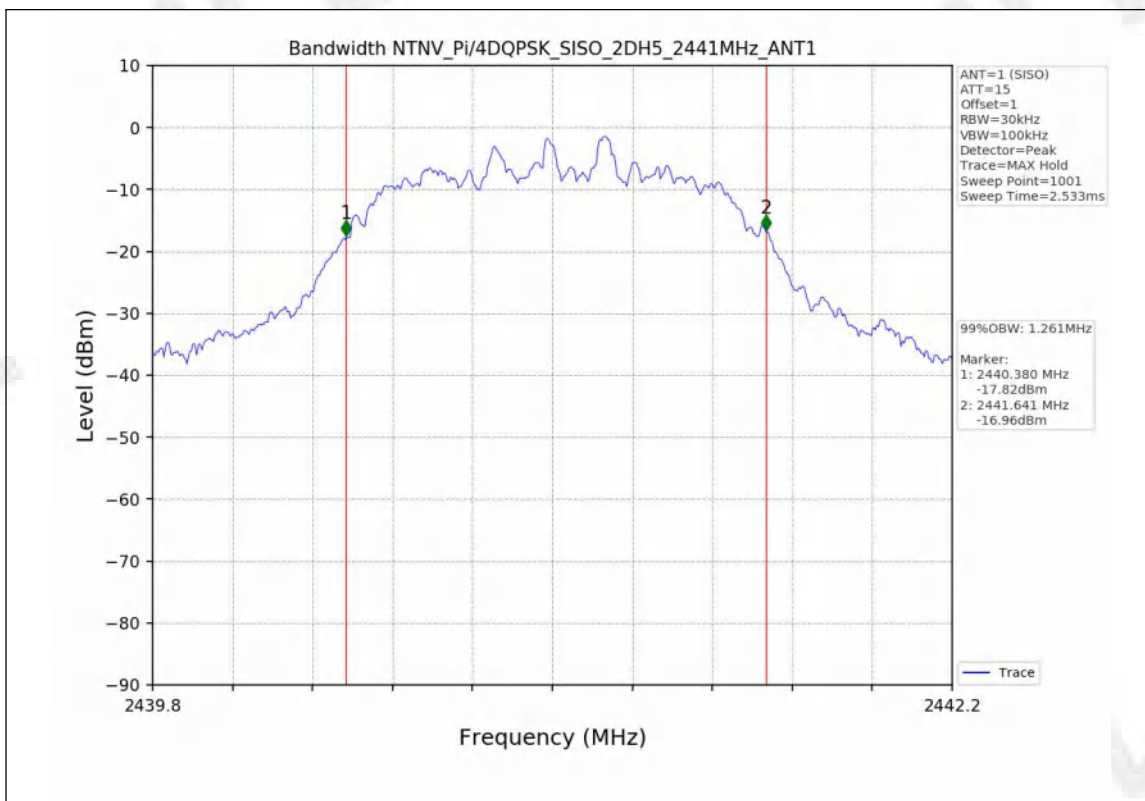


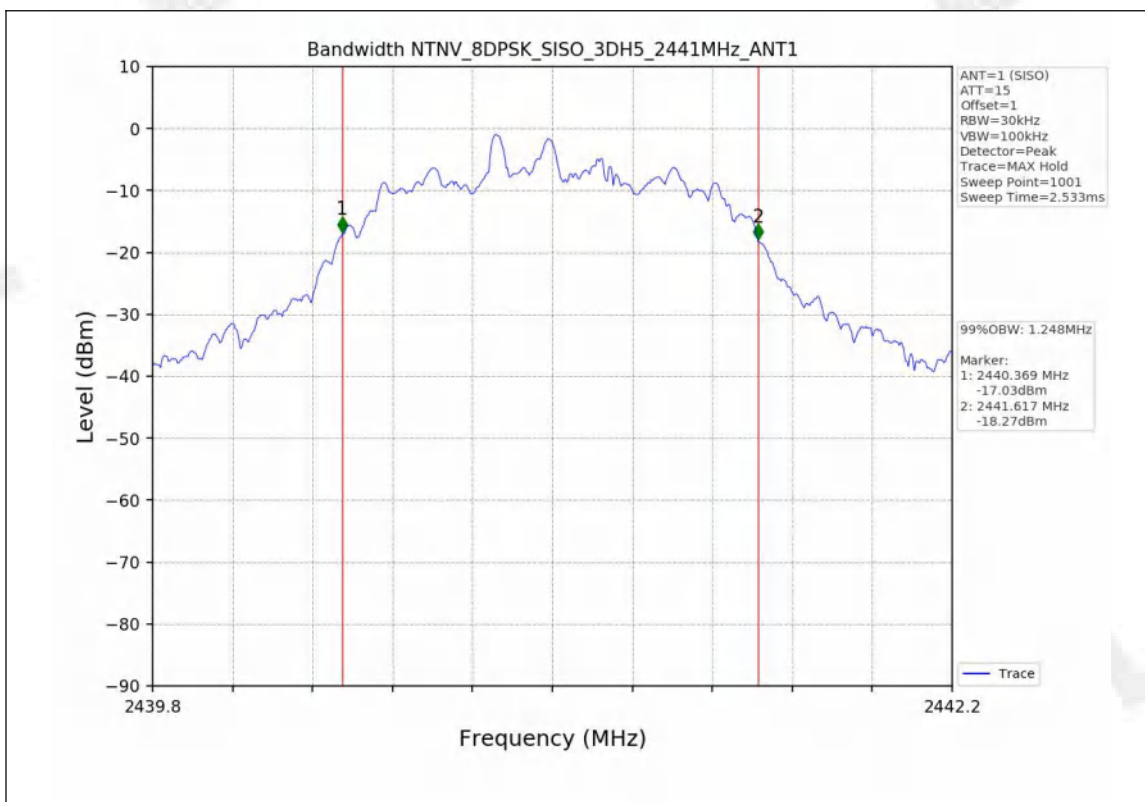
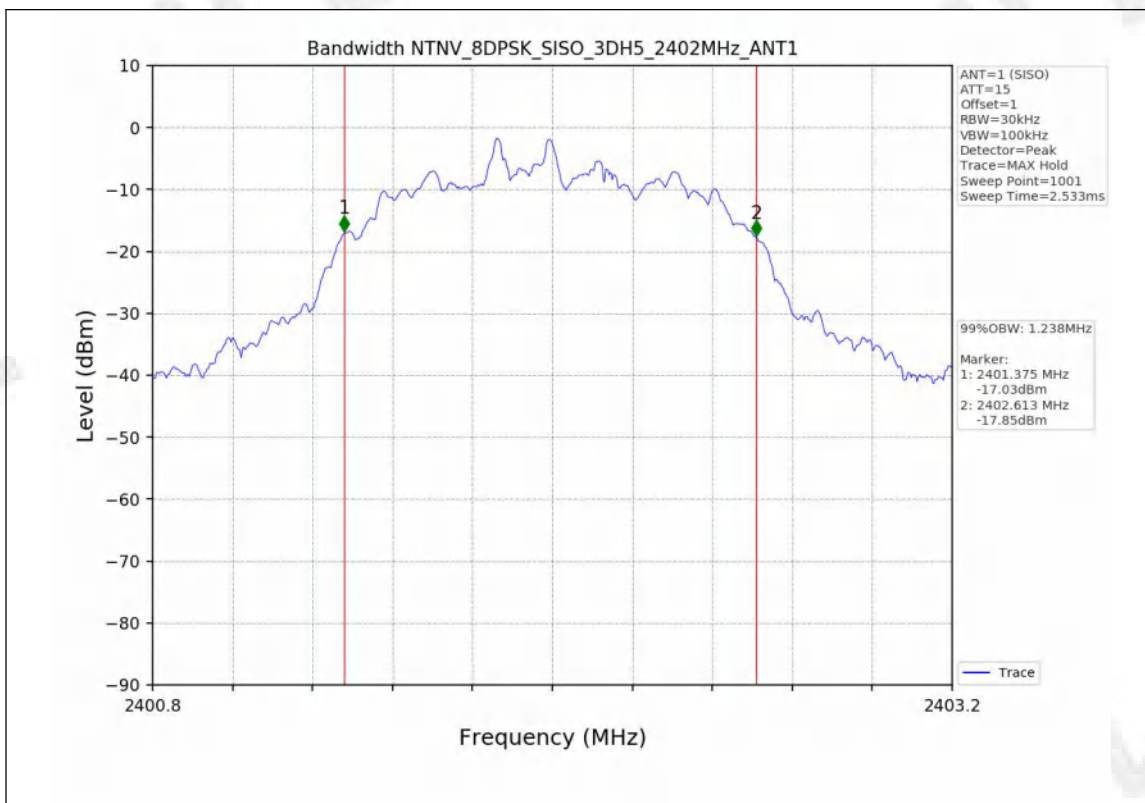
1.3 Test Graph - 99% Occupied Bandwidth

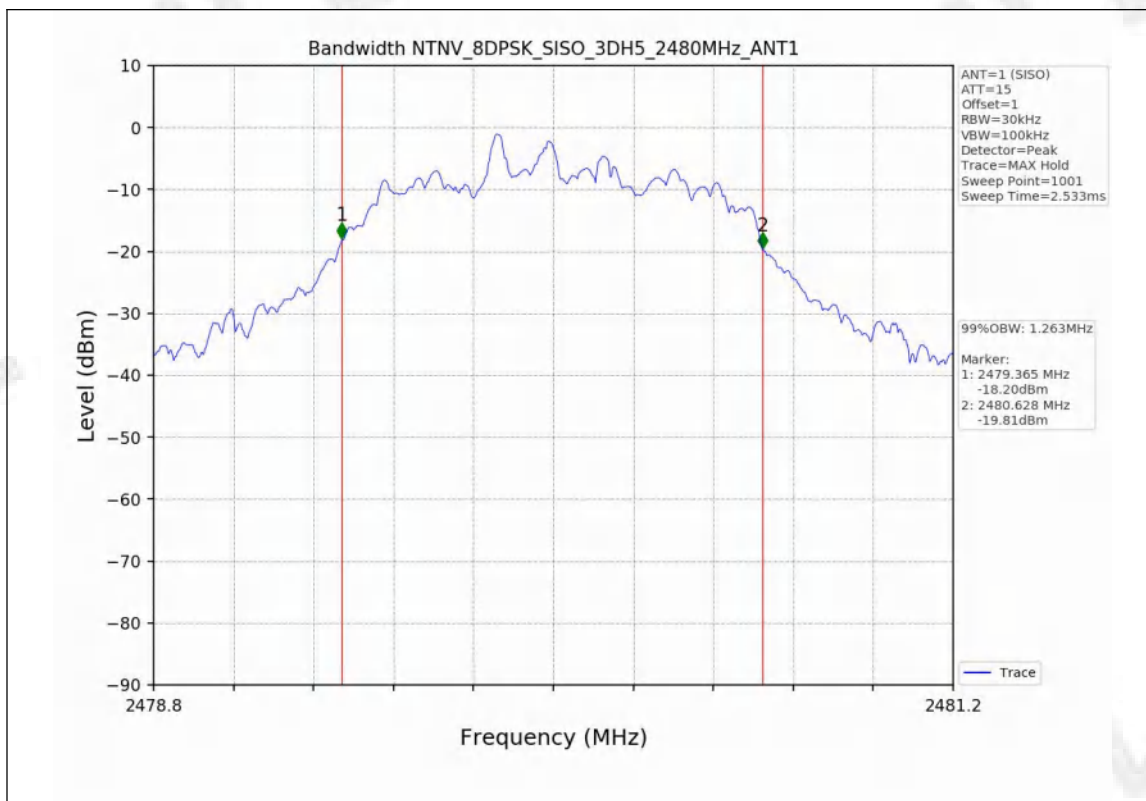










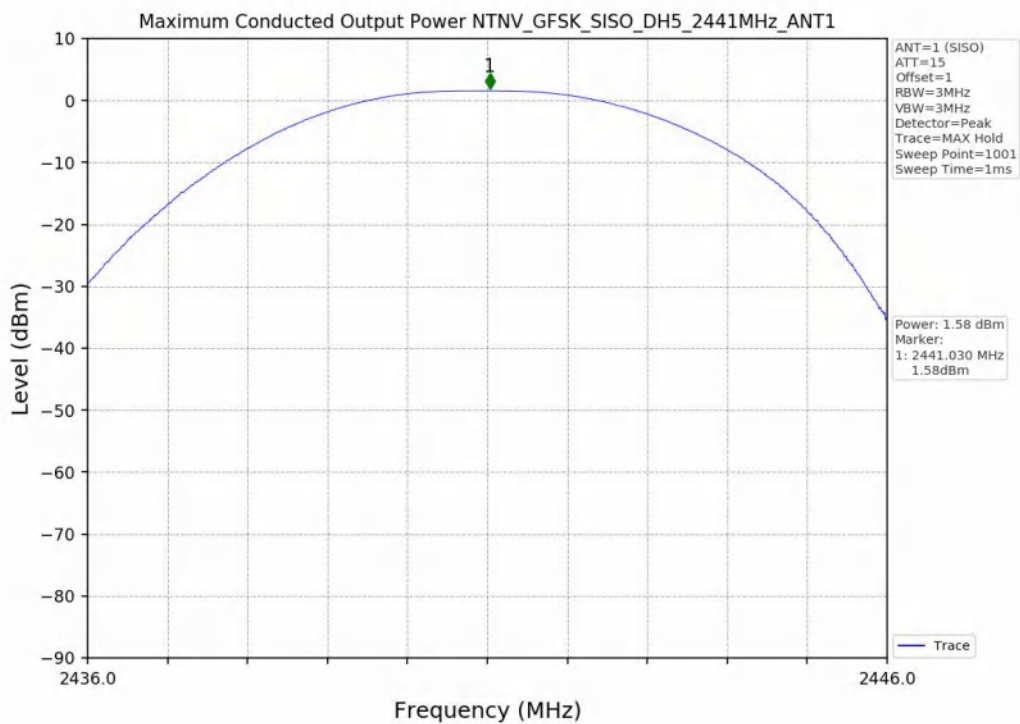
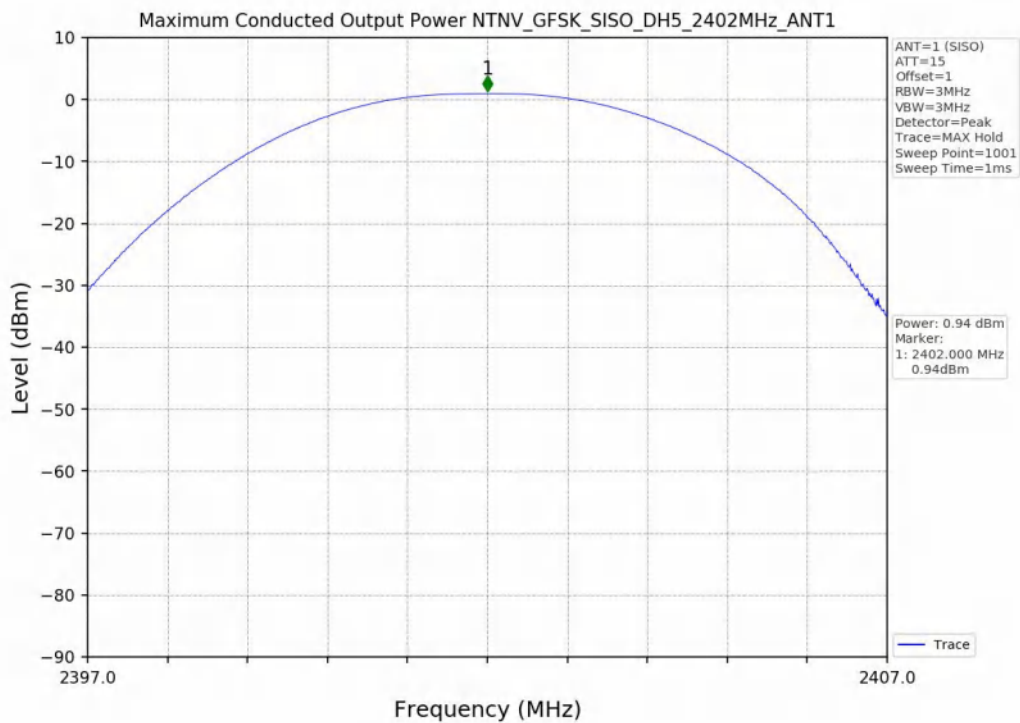


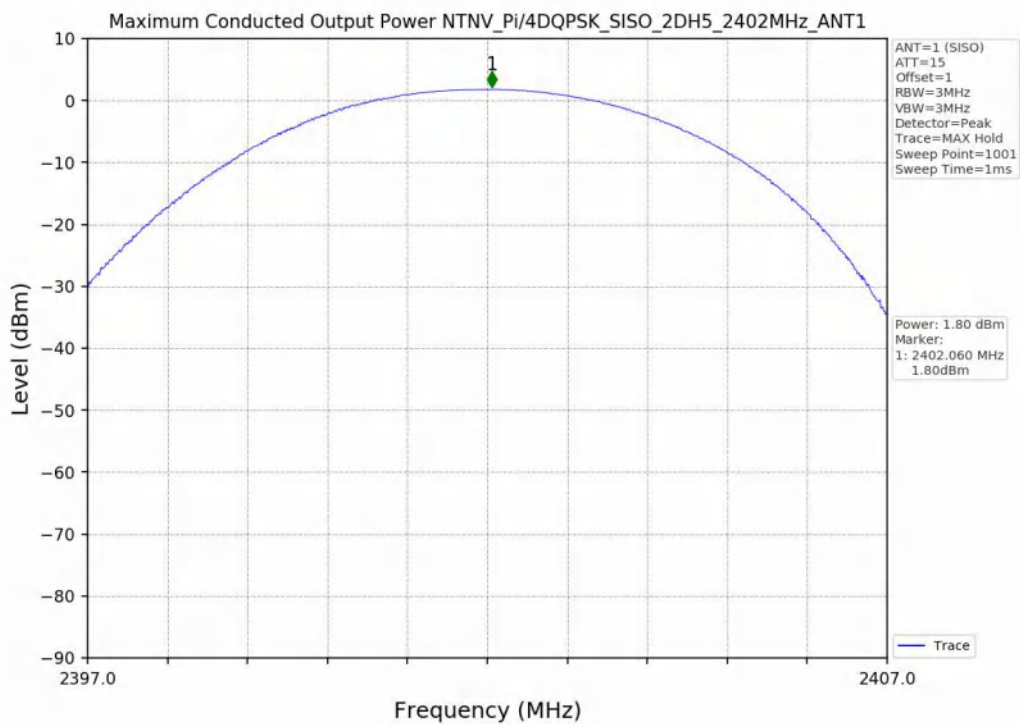
2. Maximum Conducted Output Power

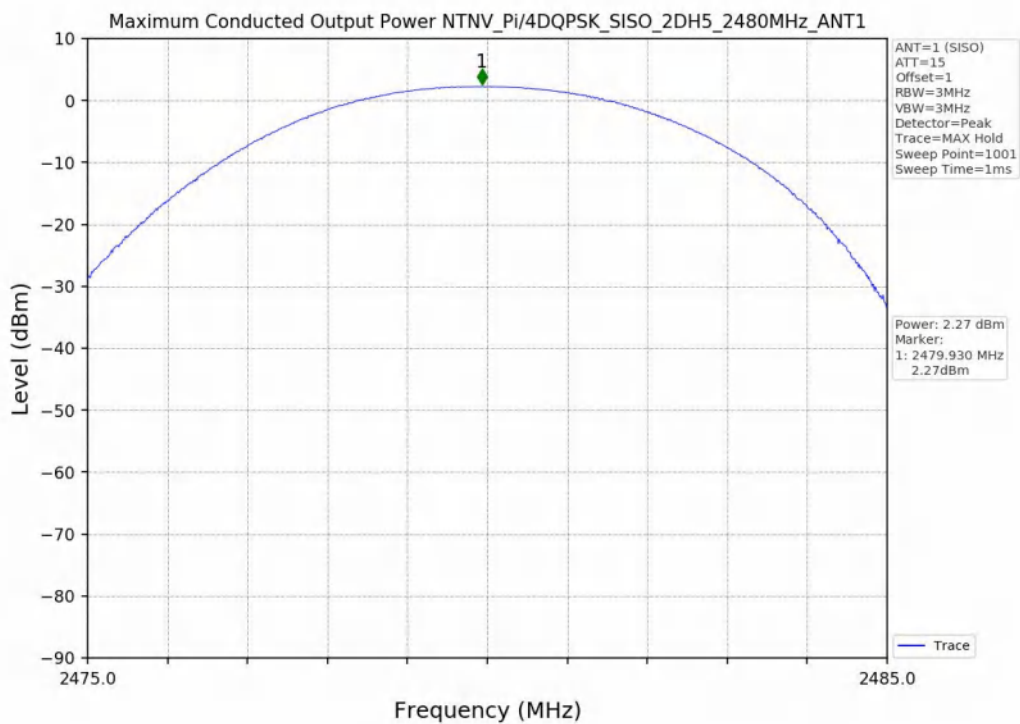
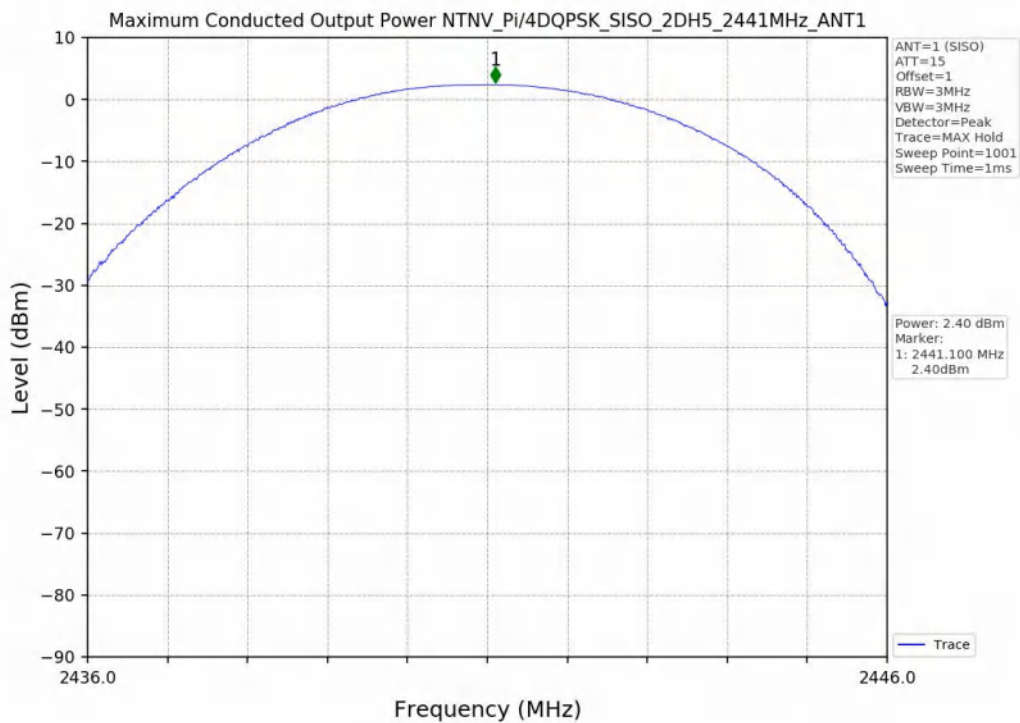
2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	0.94	20.97	PASS
	2441	SISO	1.58	20.97	PASS
	2480	SISO	1.45	20.97	PASS
Pi/4DQPSK	2402	SISO	1.80	20.97	PASS
	2441	SISO	2.40	20.97	PASS
	2480	SISO	2.27	20.97	PASS
8DPSK	2402	SISO	2.15	20.97	PASS
	2441	SISO	2.80	20.97	PASS
	2480	SISO	2.62	20.97	PASS

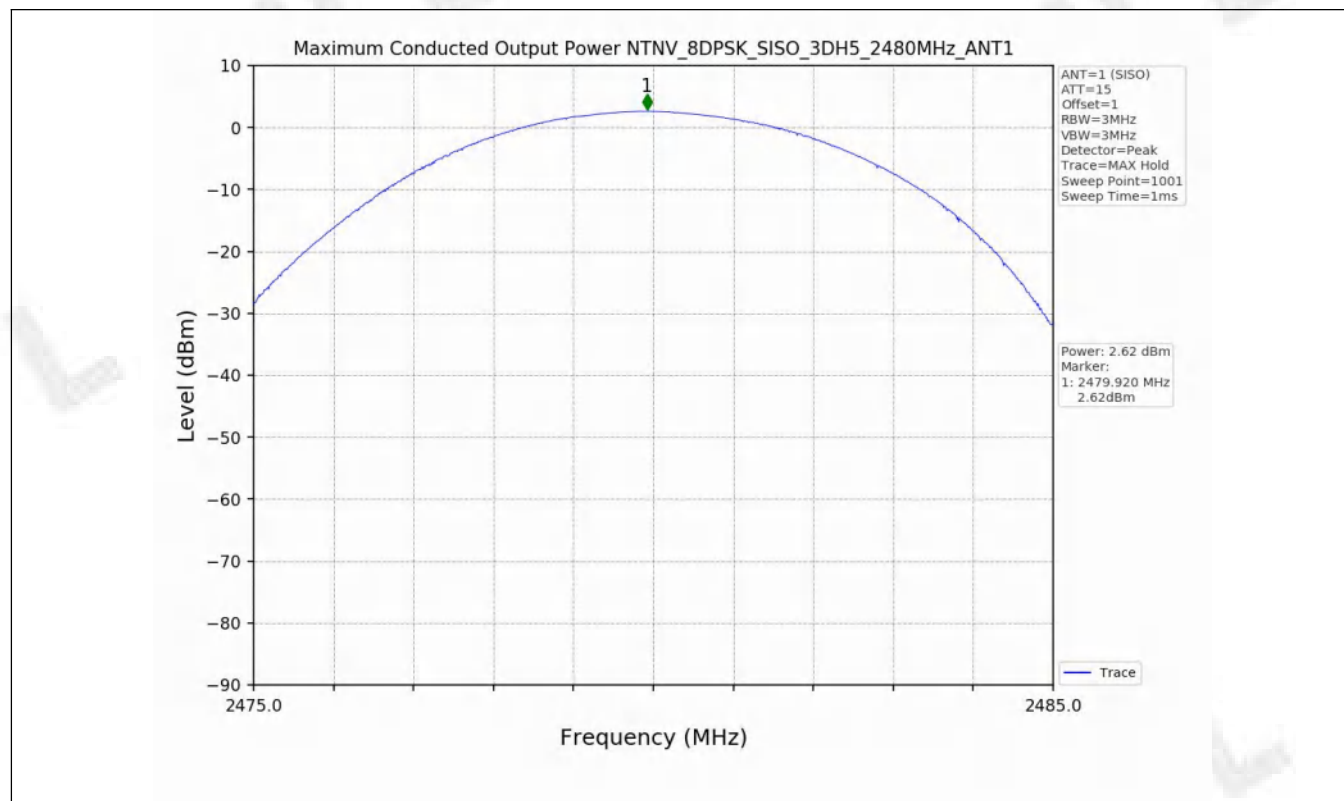
2.2 Test Graph









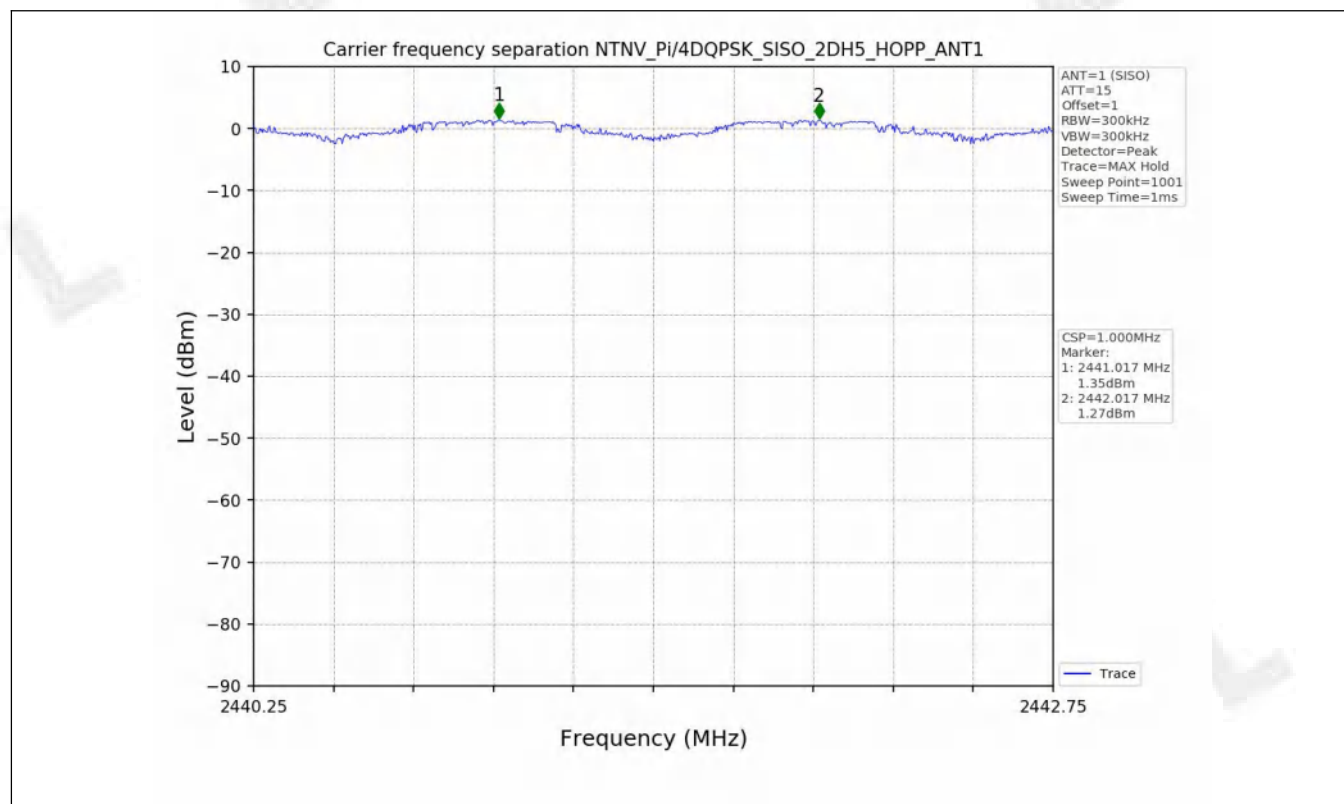
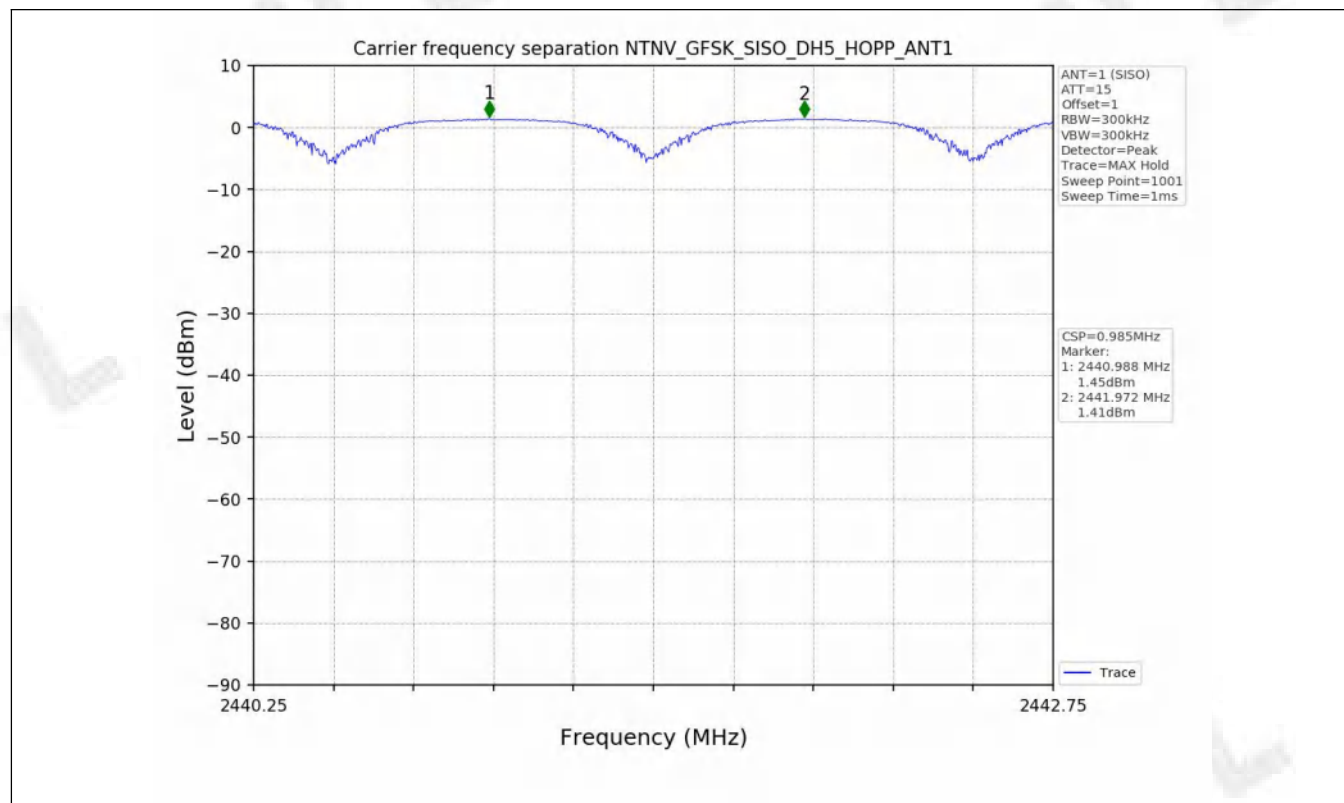


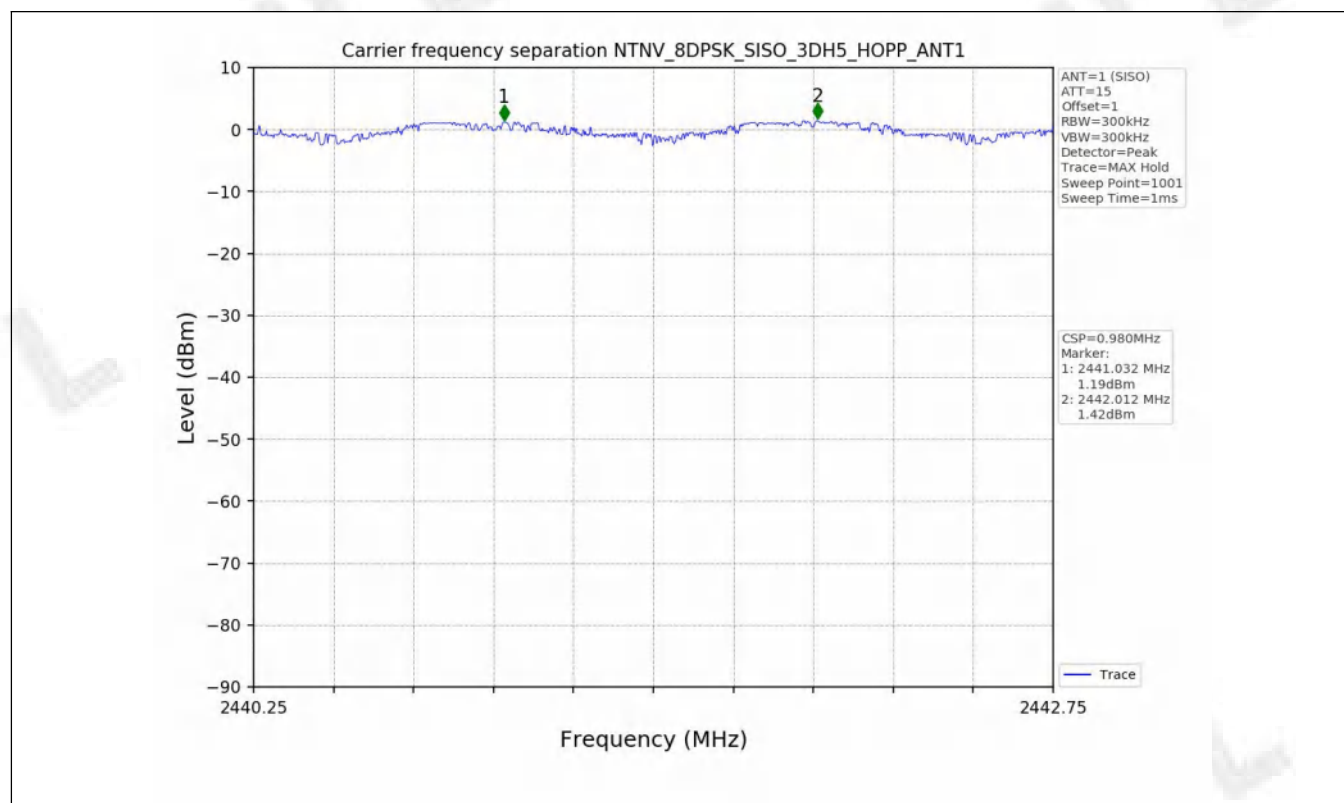
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.985	1.084	≥ 0.723	PASS
Pi/4DQPSK	SISO	1	1.000	1.389	≥ 0.926	PASS
8DPSK	SISO	1	0.980	1.335	≥ 0.890	PASS

3.2 Test Graph



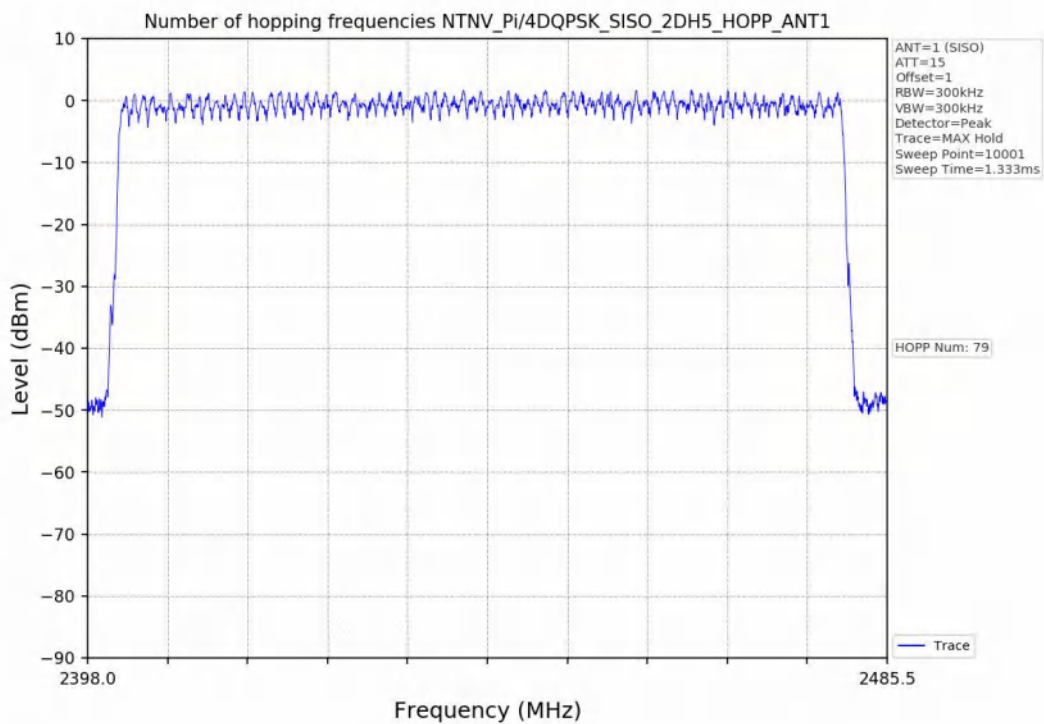
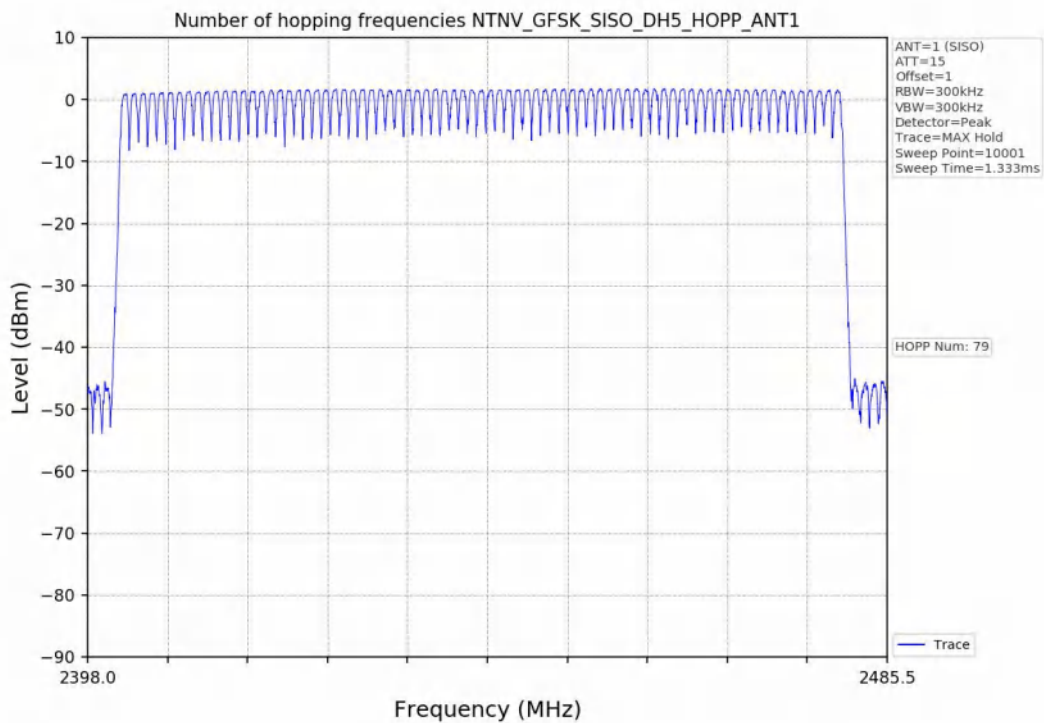


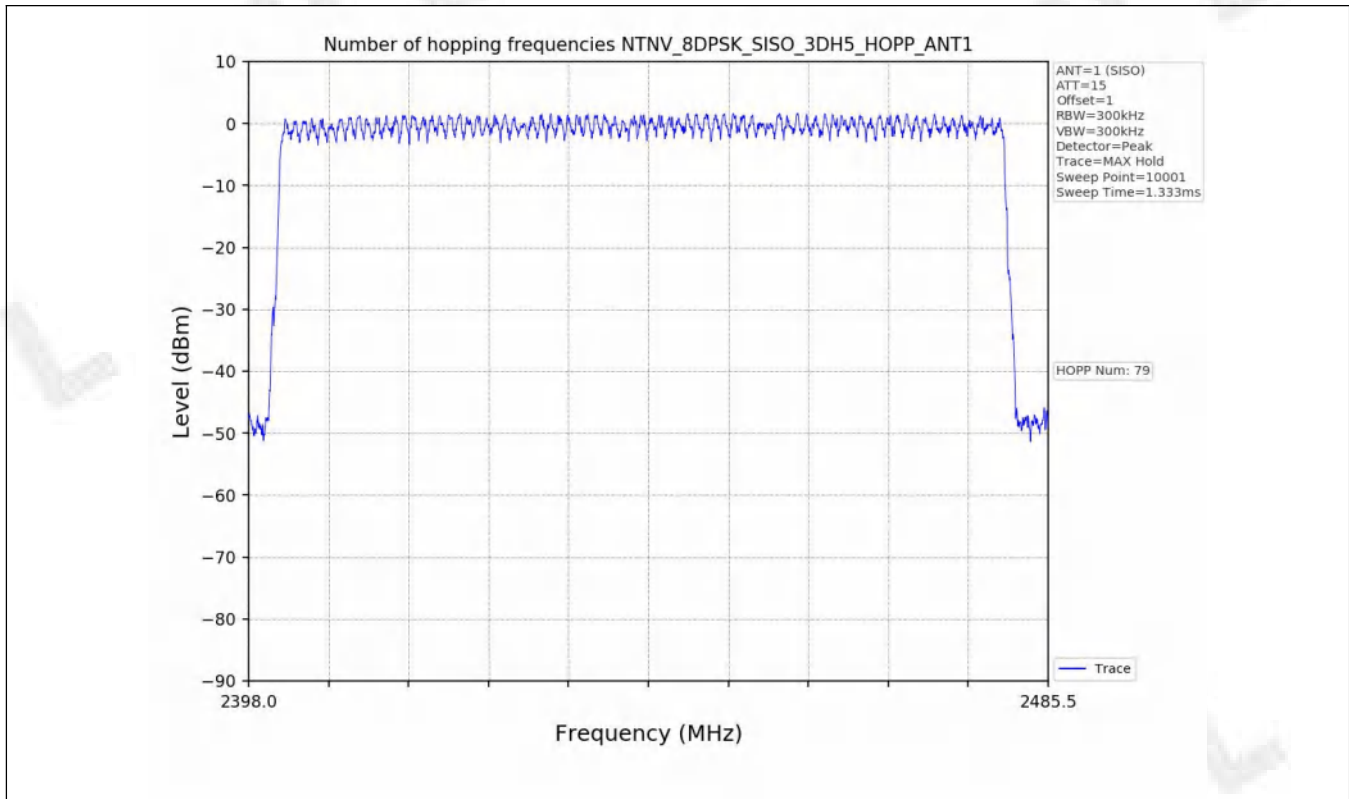
4. Number of hopping frequencies

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



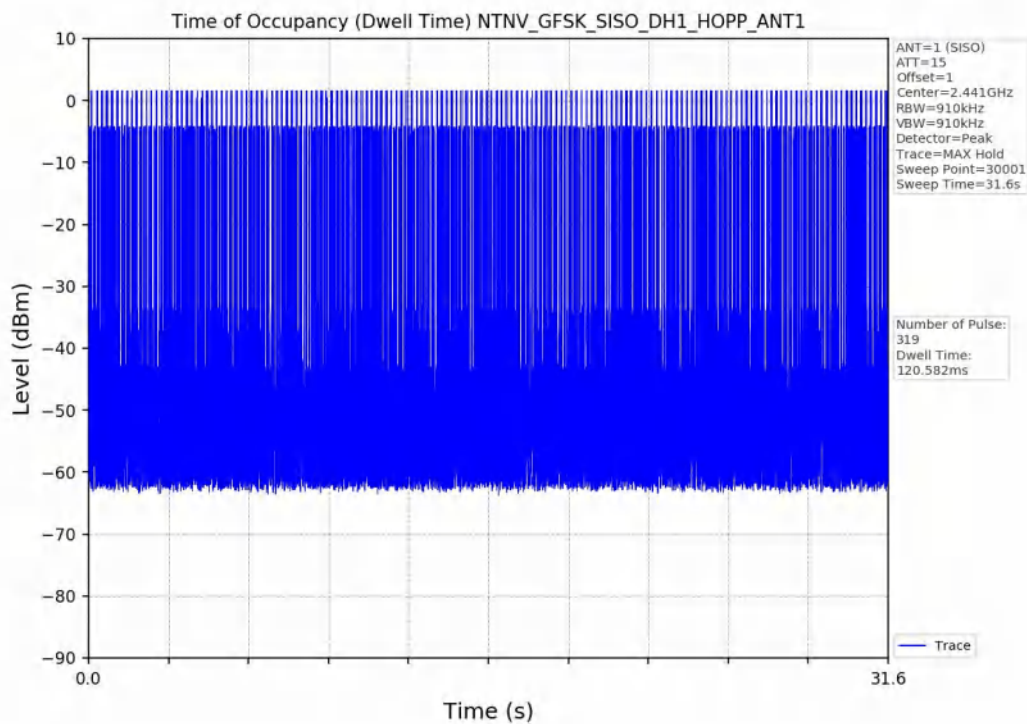
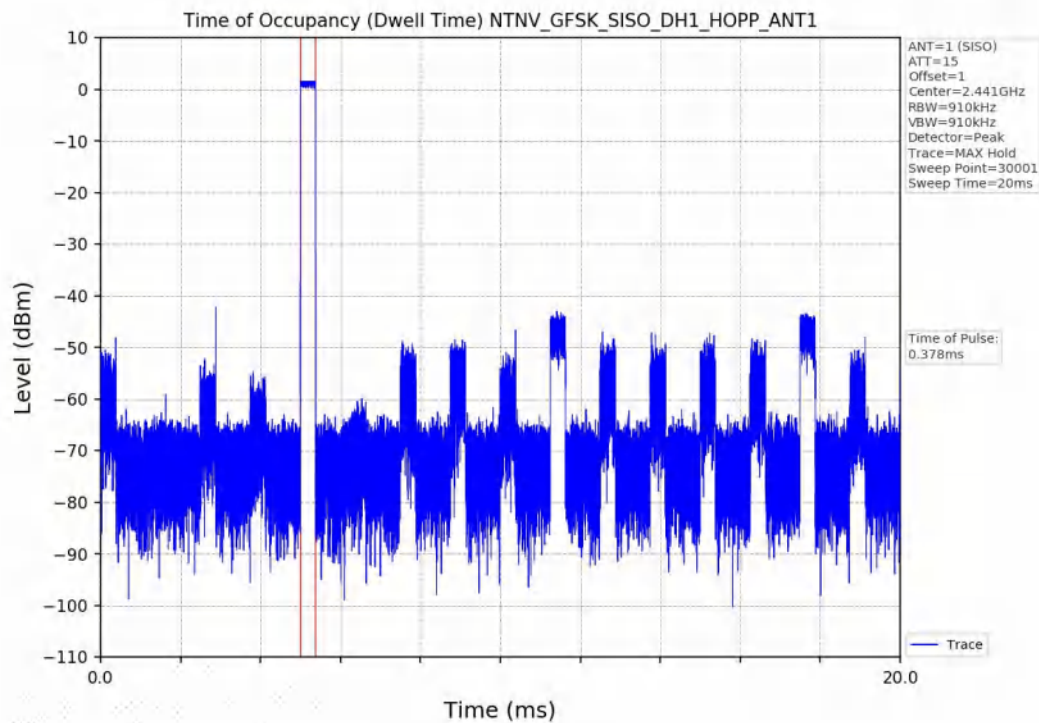


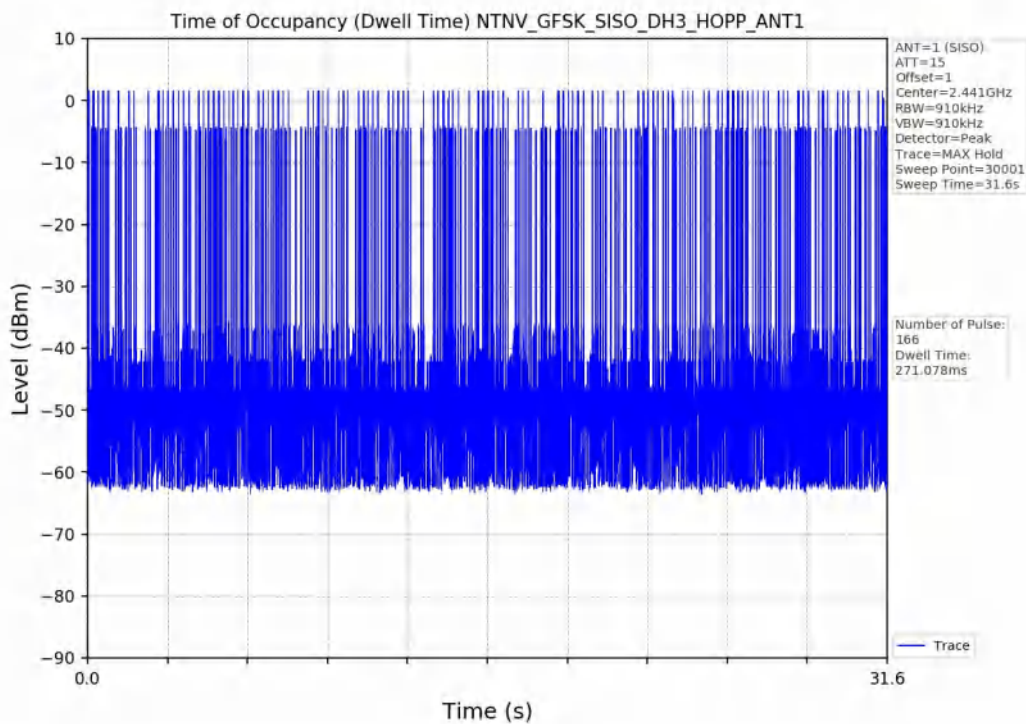
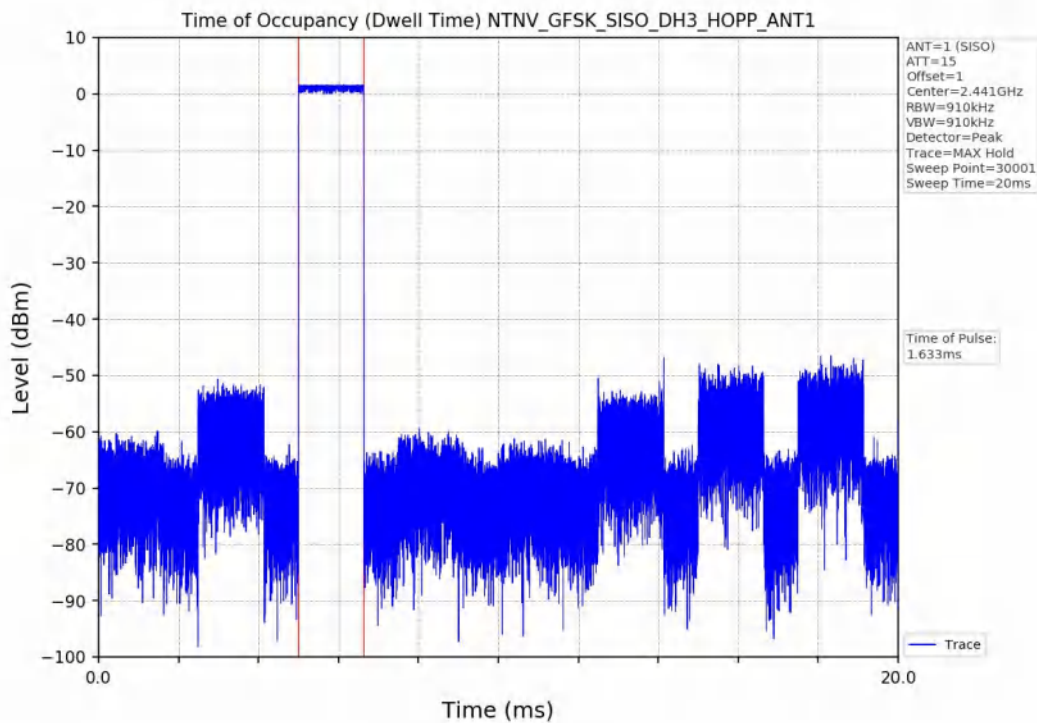
5. Time of Occupancy (Dwell Time)

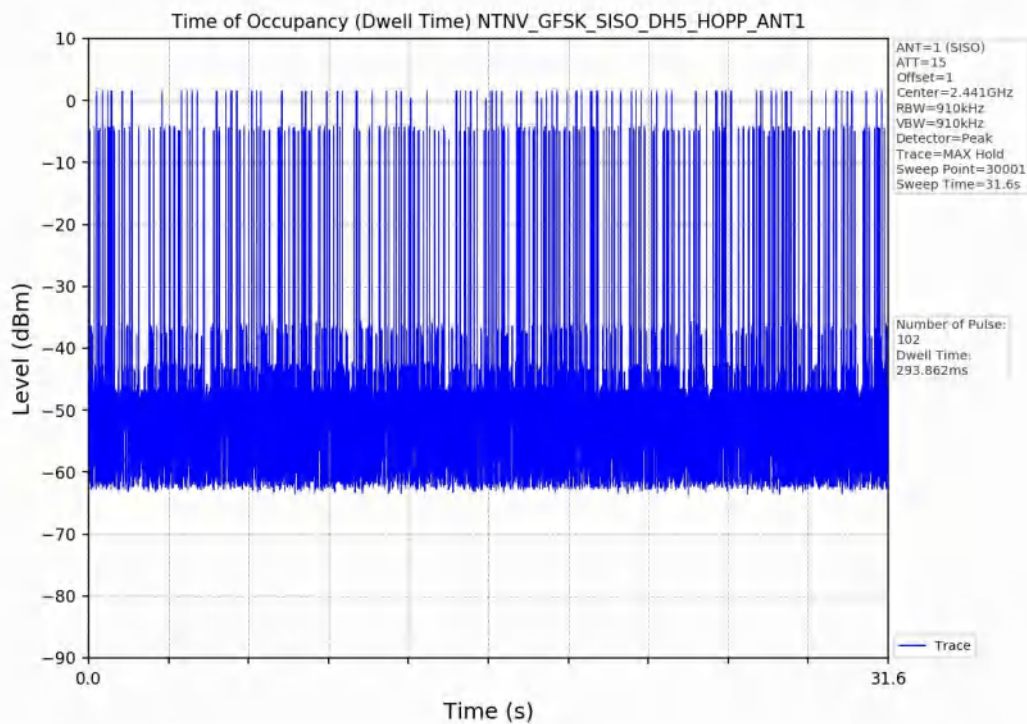
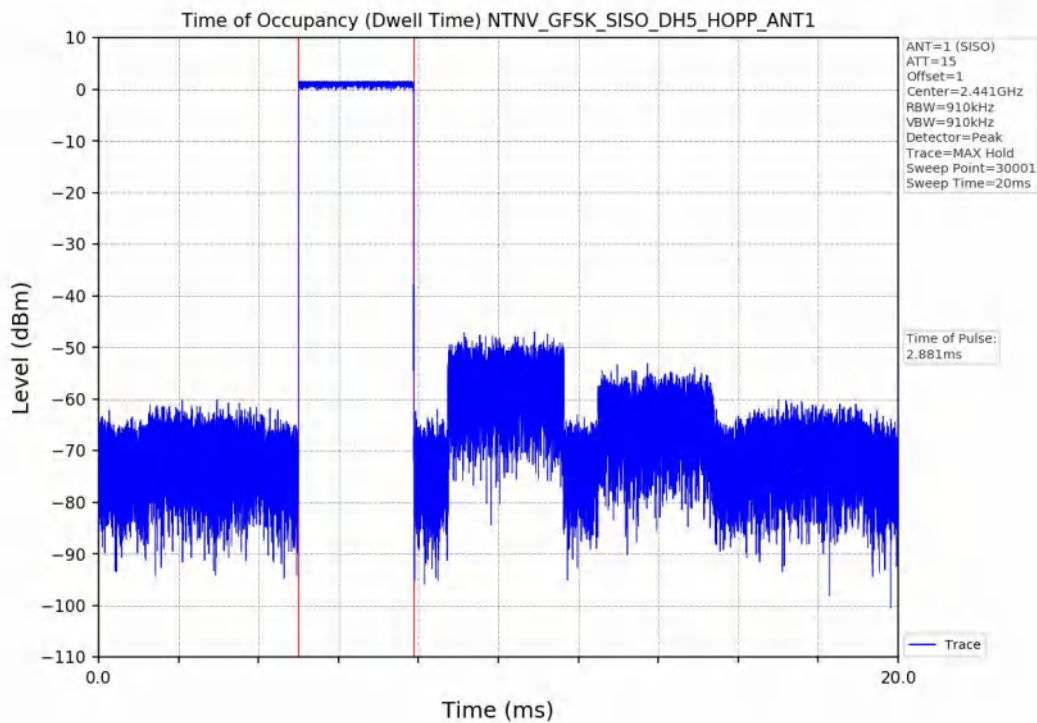
5.1 Test Result

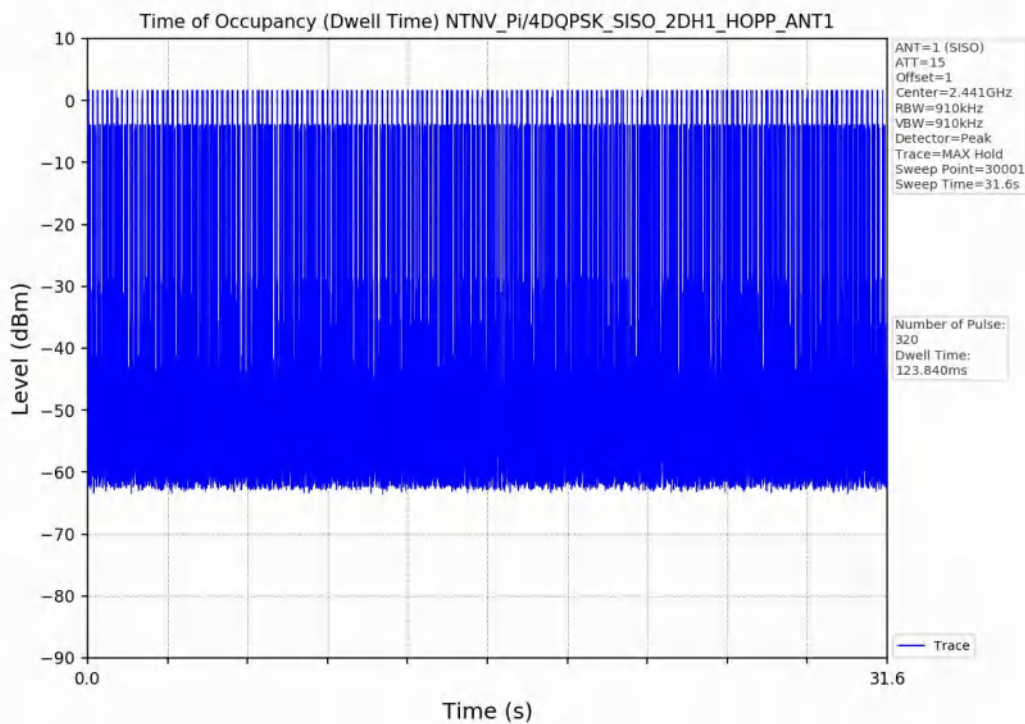
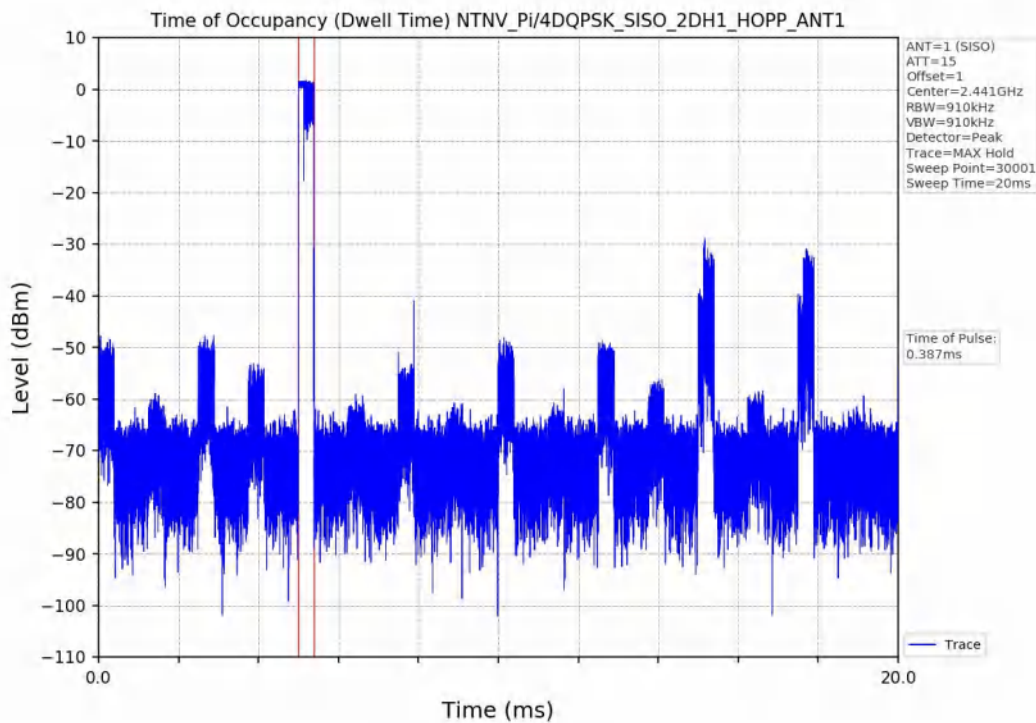
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.378	31.6	319	120.582	≤400	PASS
	DH3	SISO	1	1.633	31.6	166	271.078	≤400	PASS
	DH5	SISO	1	2.881	31.6	102	293.862	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.387	31.6	320	123.840	≤400	PASS
	2DH3	SISO	1	1.639	31.6	151	247.489	≤400	PASS
	2DH5	SISO	1	2.887	31.6	109	314.683	≤400	PASS
8DPSK	3DH1	SISO	1	0.389	31.6	319	124.091	≤400	PASS
	3DH3	SISO	1	1.639	31.6	162	265.518	≤400	PASS
	3DH5	SISO	1	2.889	31.6	115	332.235	≤400	PASS

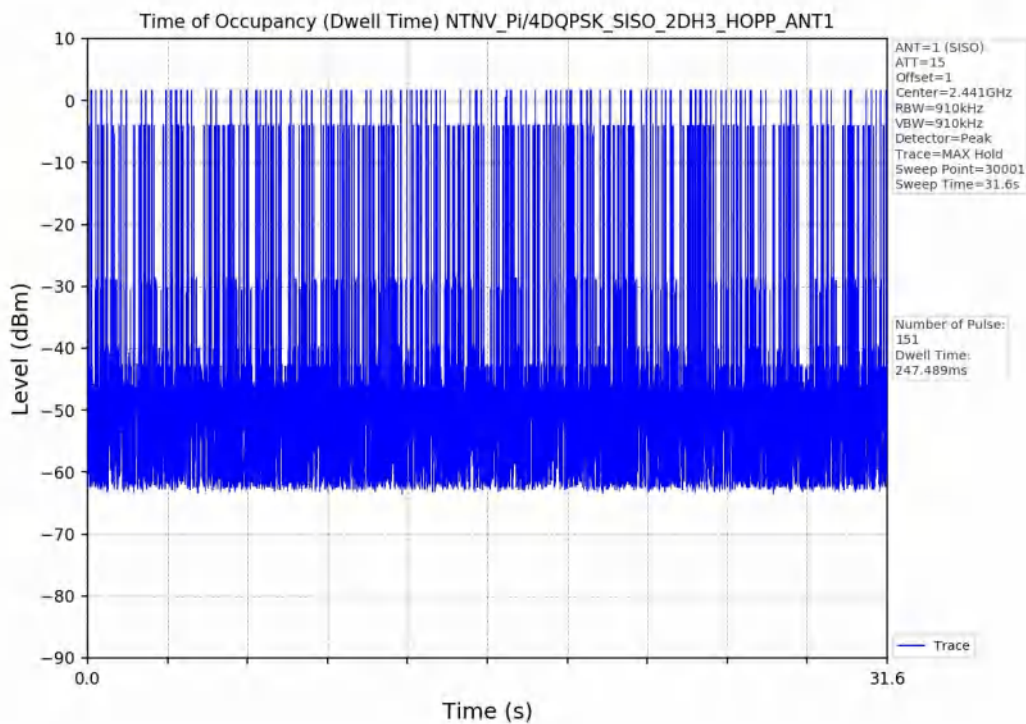
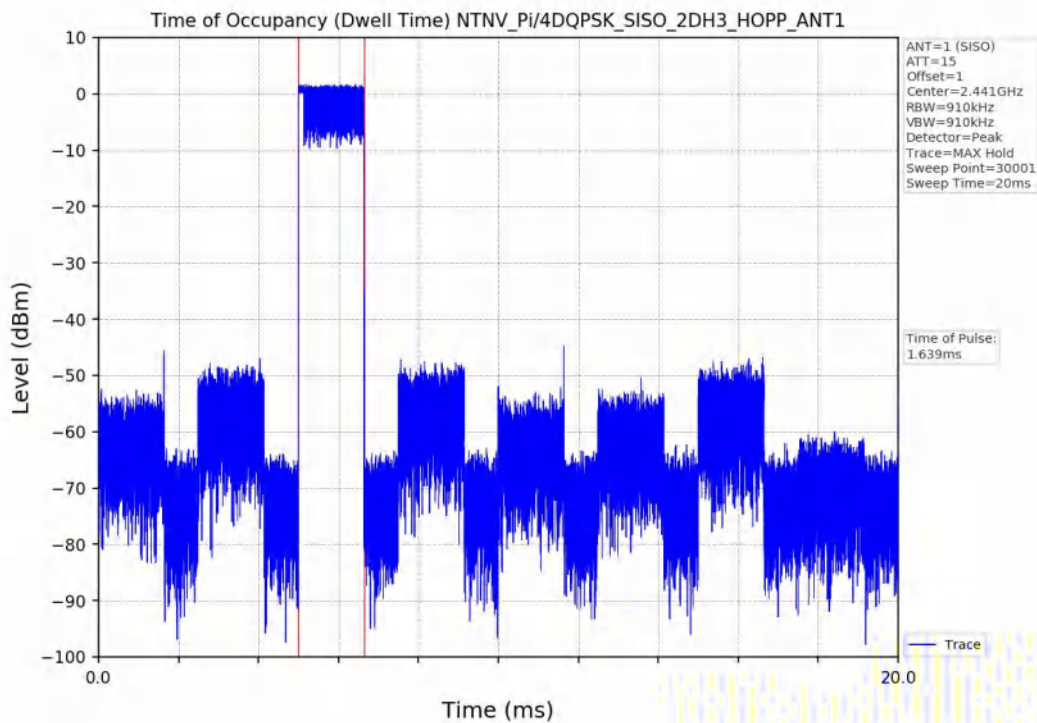
5.2 Test Graph

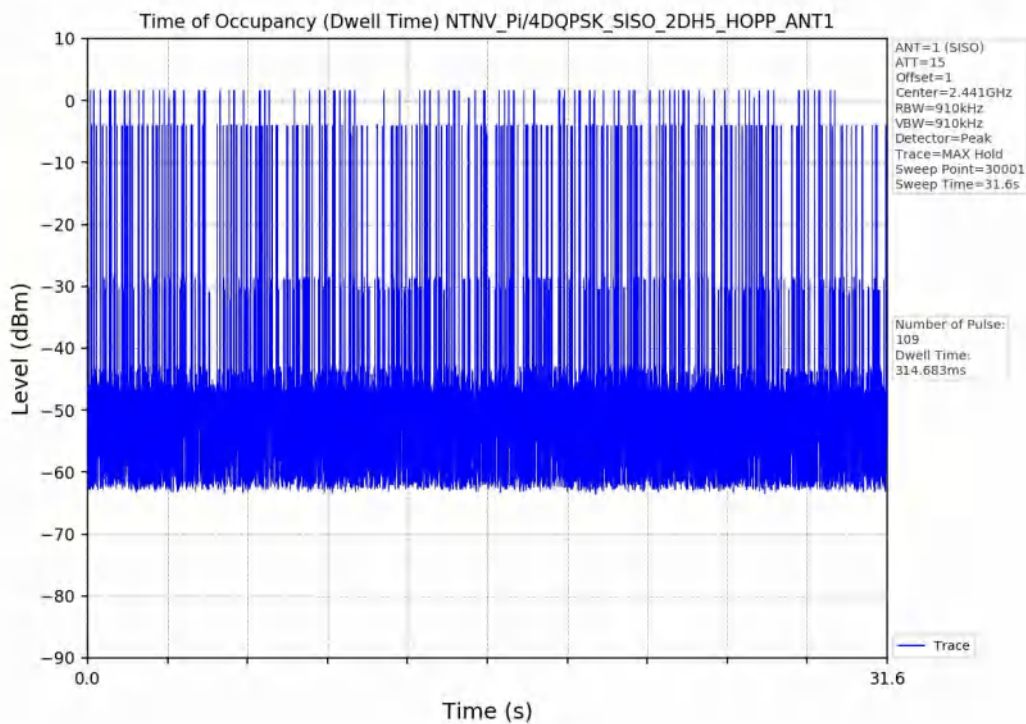
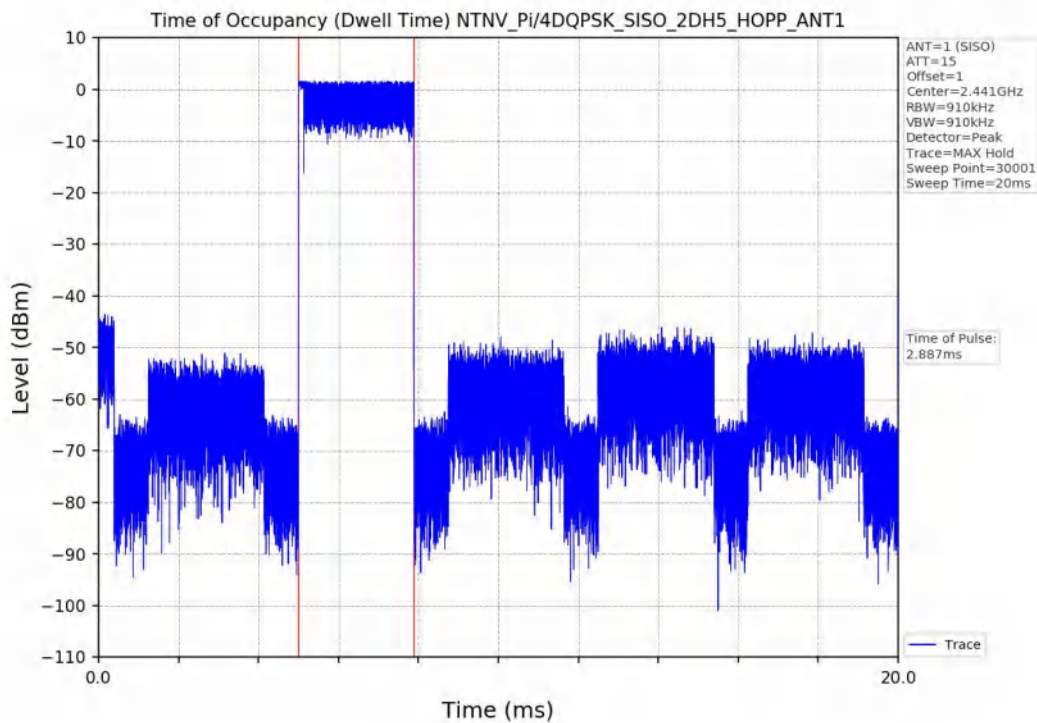


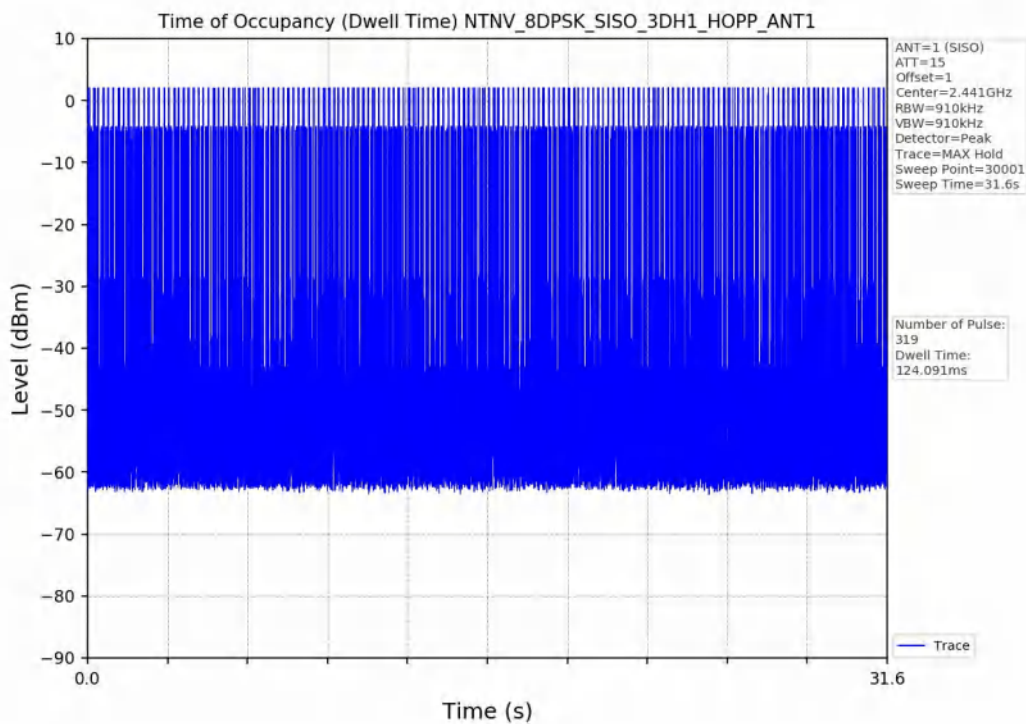
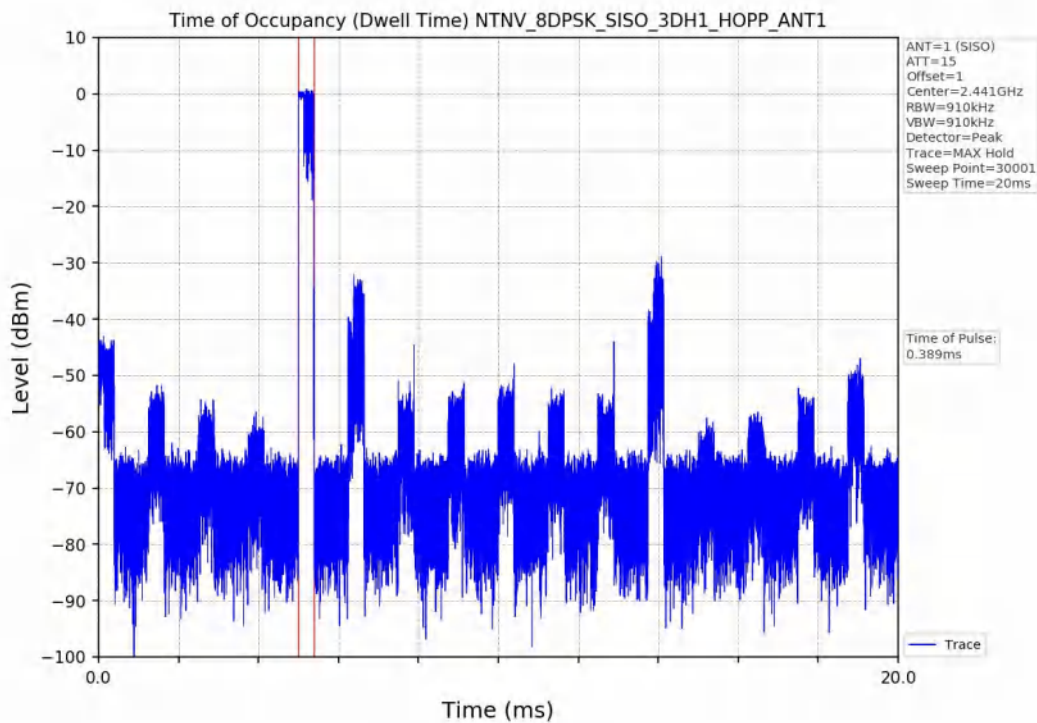


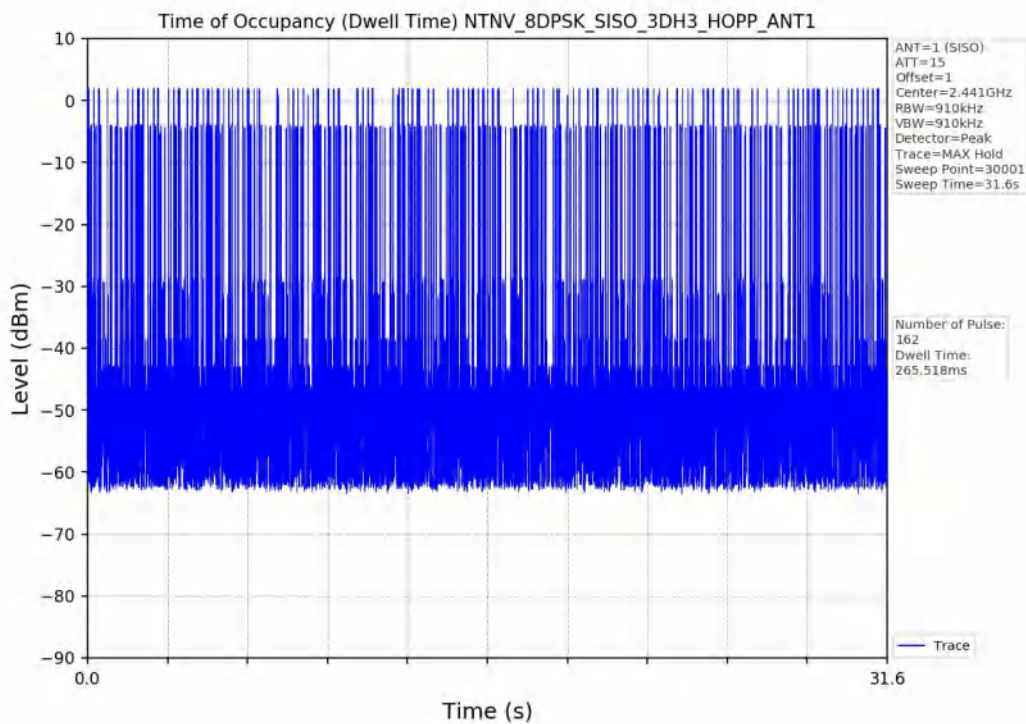
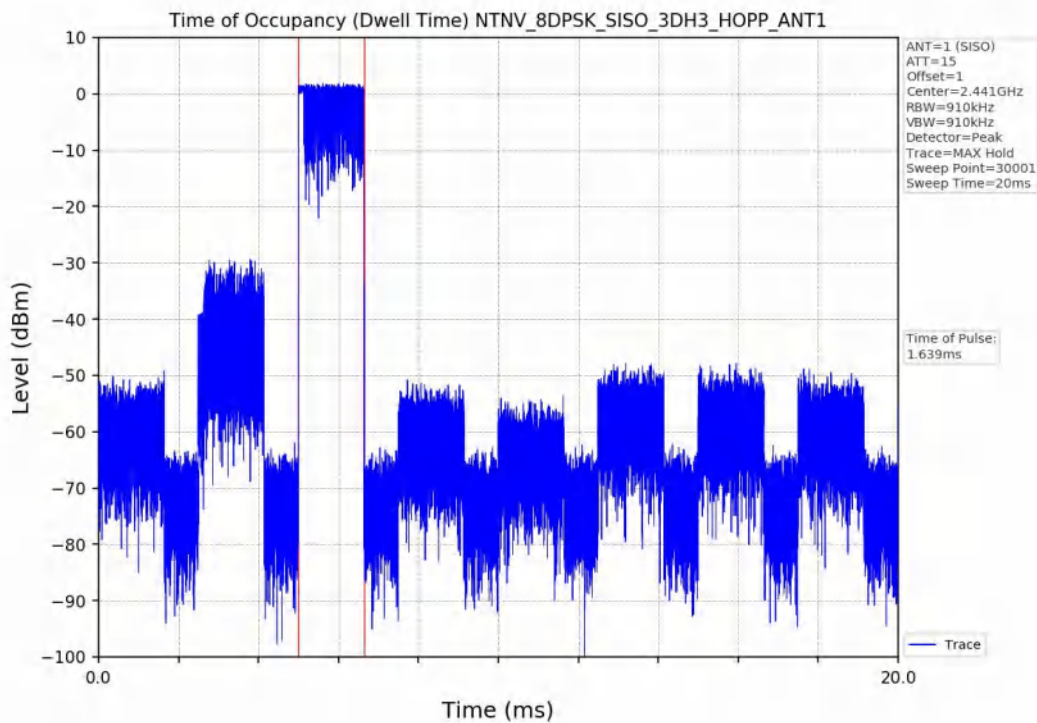


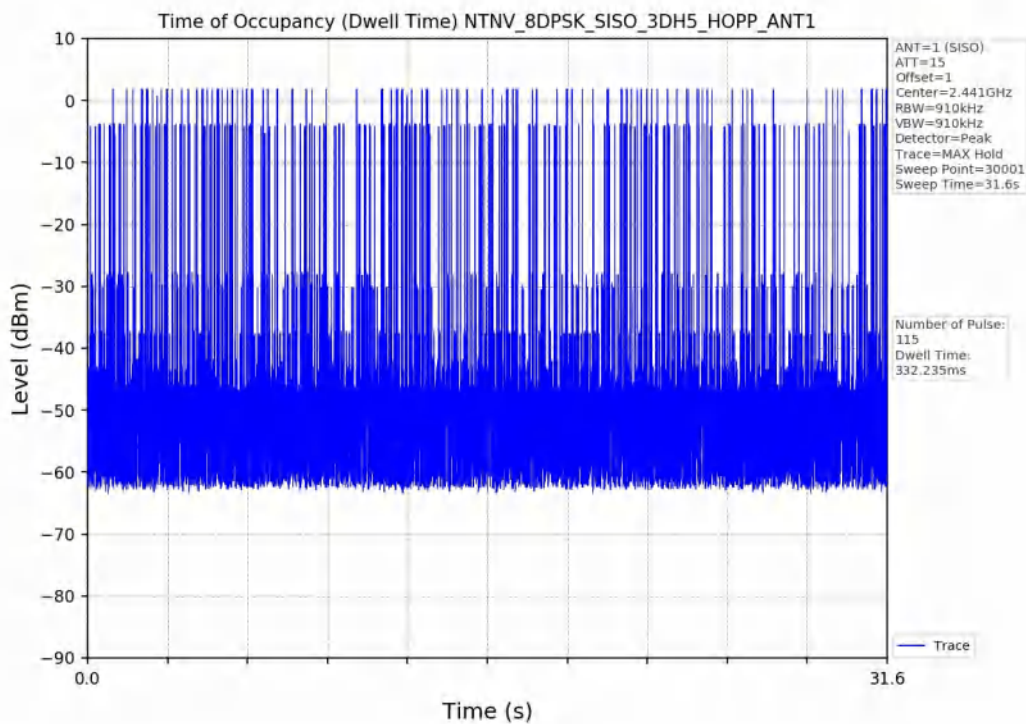
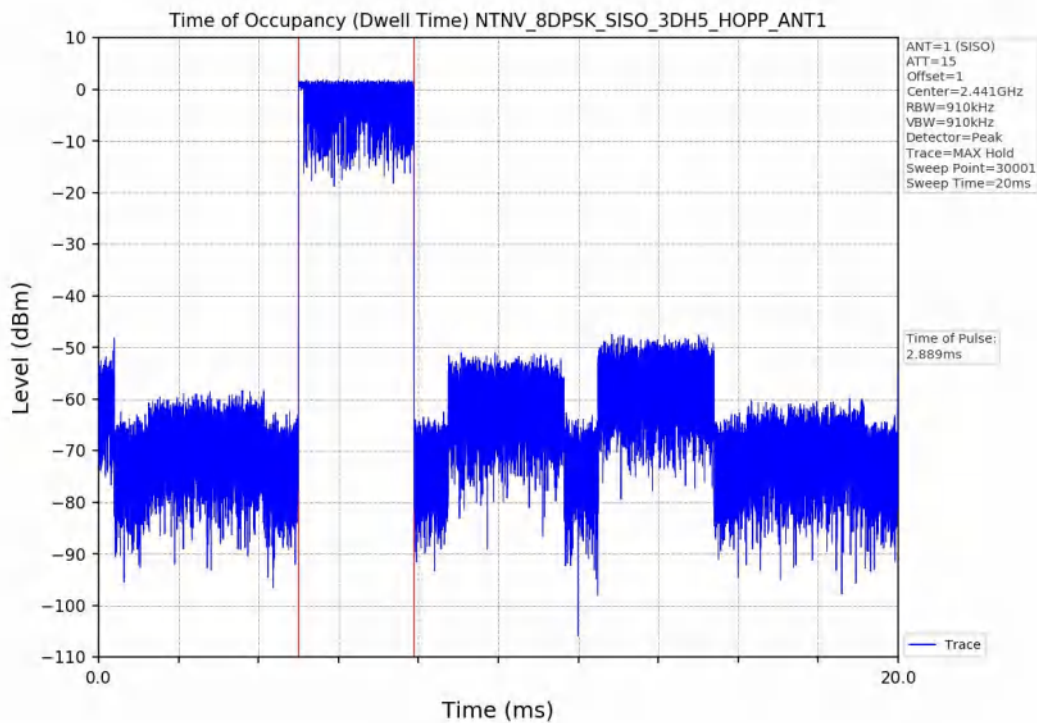












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-19.04	PASS
	2441	SISO	1	Refer to test graph	-19.04	PASS
	2480	SISO	1	Refer to test graph	-19.04	PASS
	Hopping	SISO	1	Refer to test graph	-19.04	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-19.04	PASS
	2441	SISO	1	Refer to test graph	-19.04	PASS
	2480	SISO	1	Refer to test graph	-19.04	PASS
	Hopping	SISO	1	Refer to test graph	-19.04	PASS
8DPSK	2402	SISO	1	Refer to test graph	-19.08	PASS
	2441	SISO	1	Refer to test graph	-19.08	PASS
	2480	SISO	1	Refer to test graph	-19.08	PASS
	Hopping	SISO	1	Refer to test graph	-19.08	PASS

6.2 Test Graph

