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Appendix for 15.247

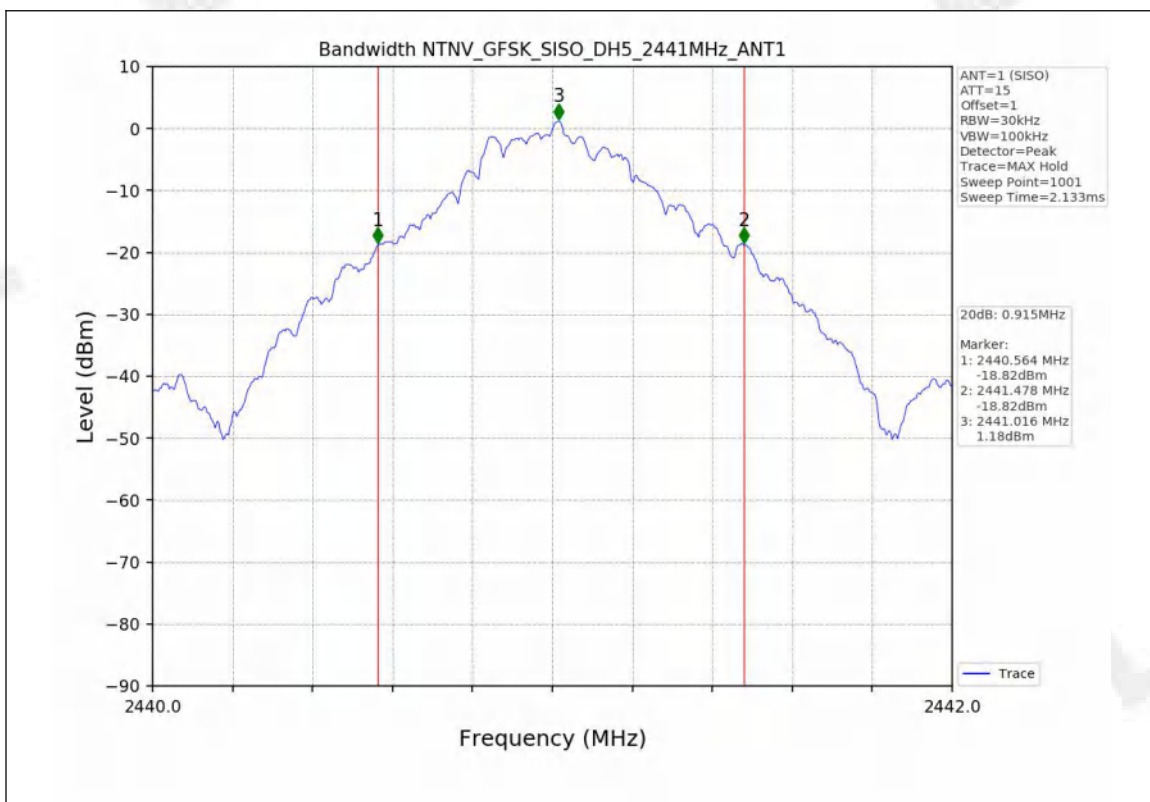
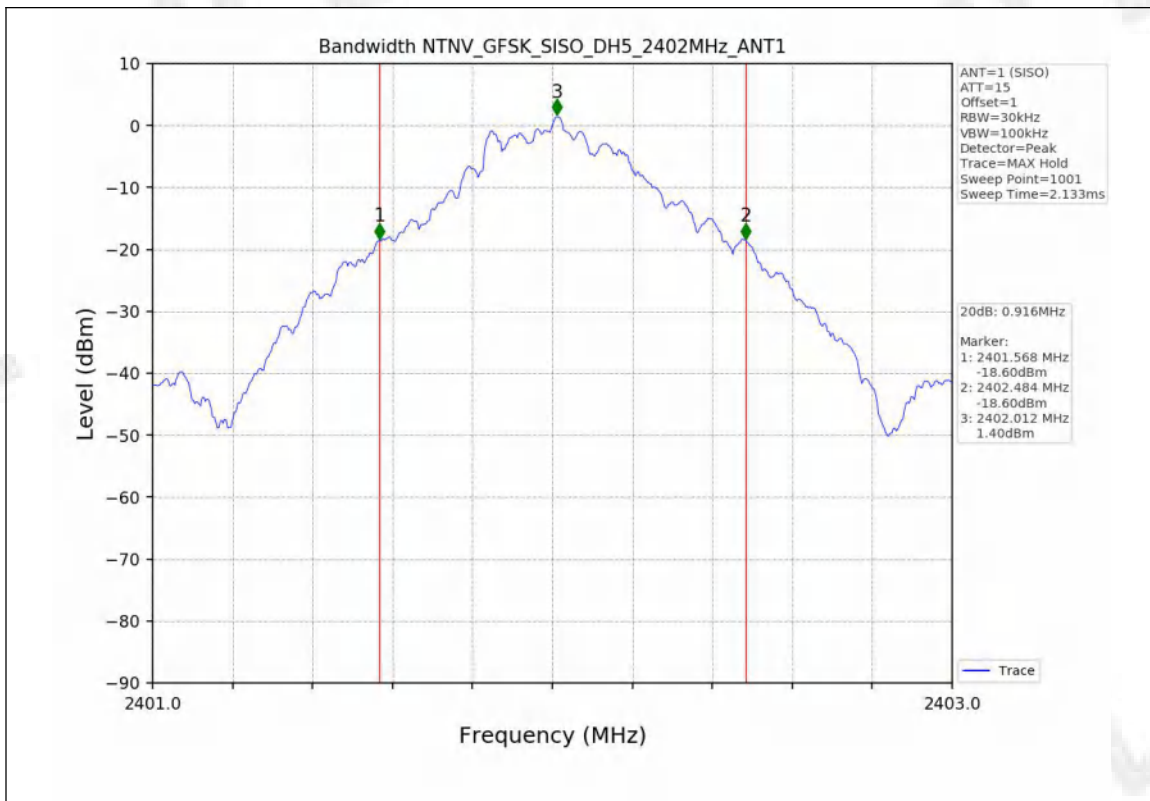
1. Bandwidth

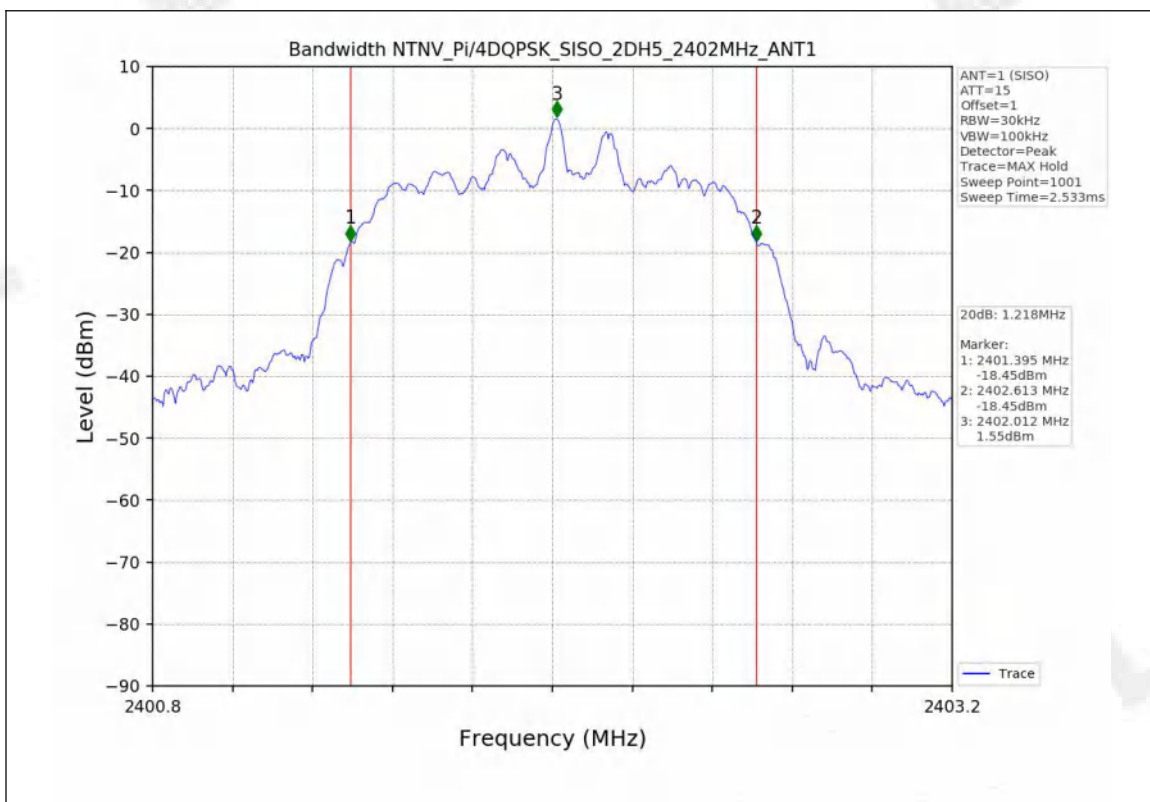
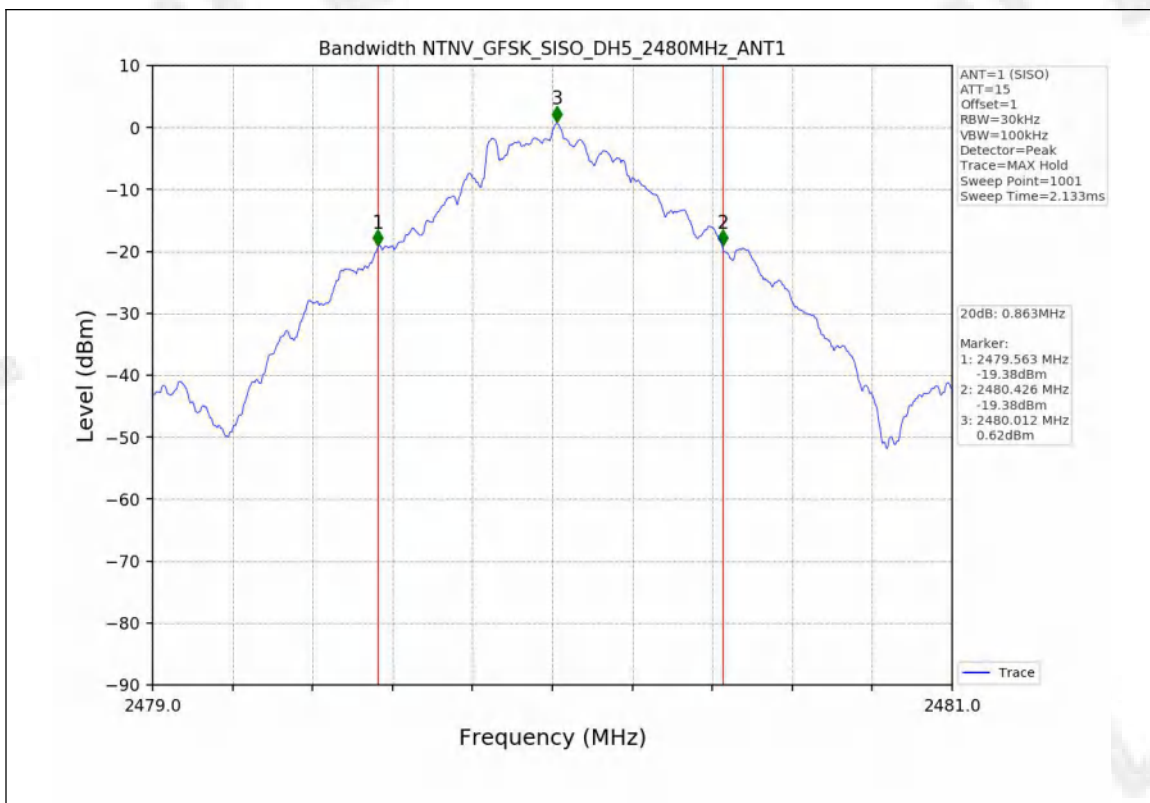
1.1 Test Result

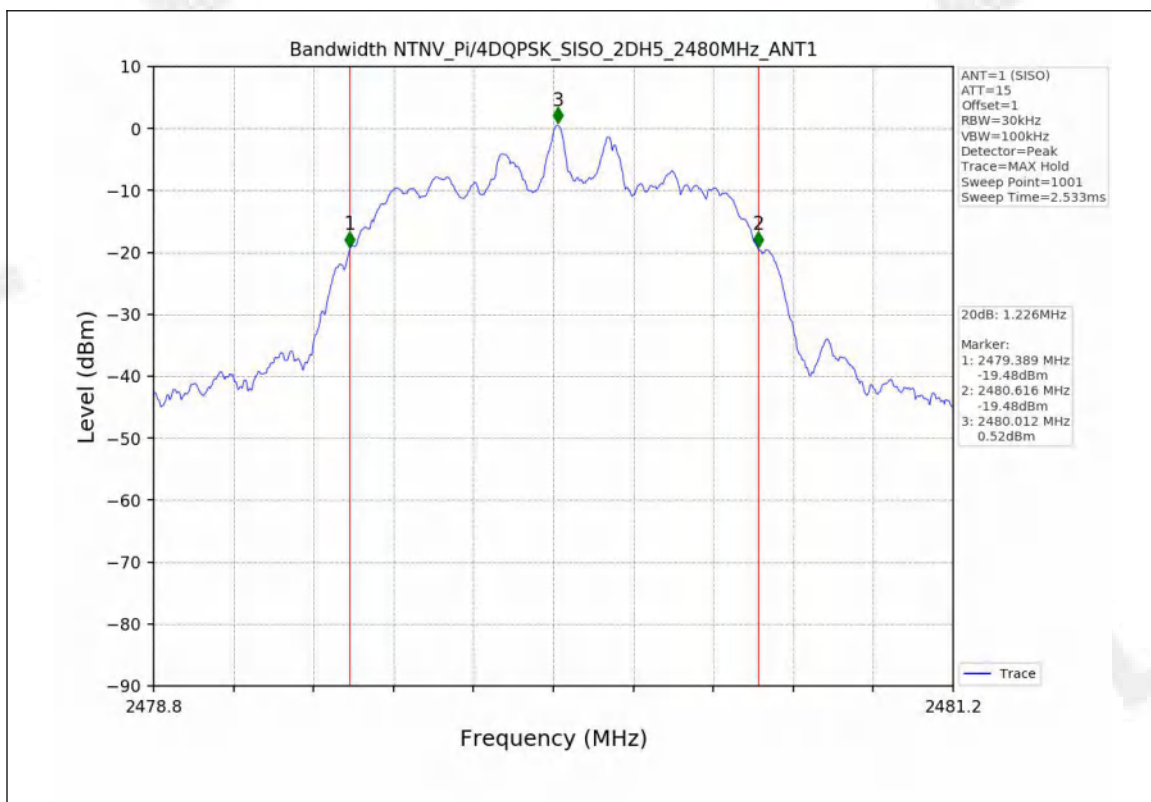
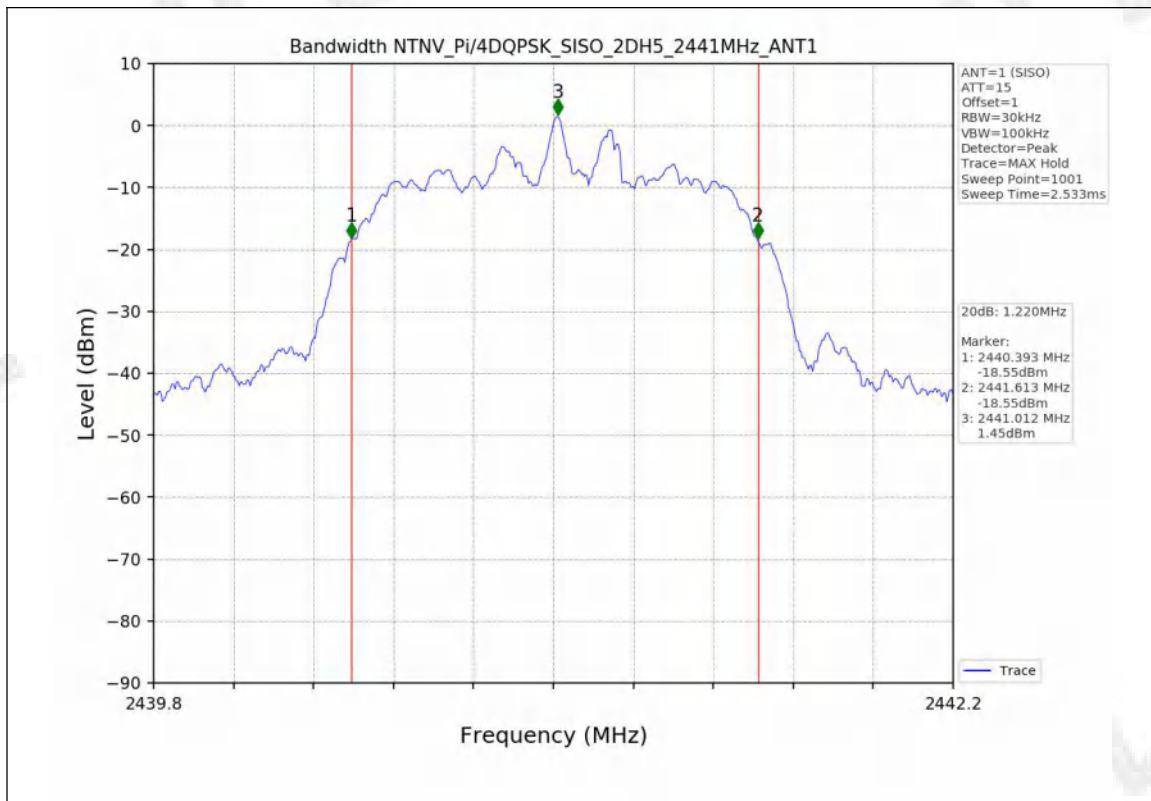
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.916	PASS
	2441	SISO	1	0.915	PASS
	2480	SISO	1	0.863	PASS
Pi/4DQPSK	2402	SISO	1	1.218	PASS
	2441	SISO	1	1.220	PASS
	2480	SISO	1	1.226	PASS
8DPSK	2402	SISO	1	1.224	PASS
	2441	SISO	1	1.247	PASS
	2480	SISO	1	1.217	PASS

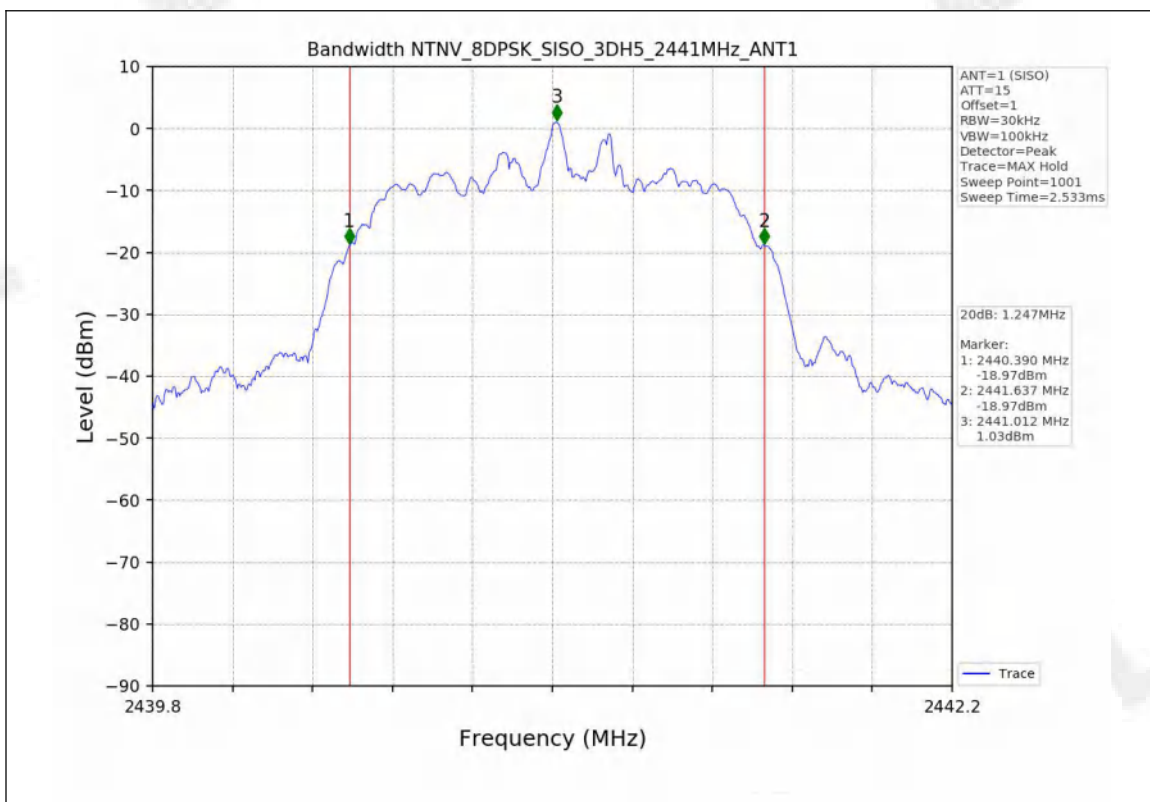
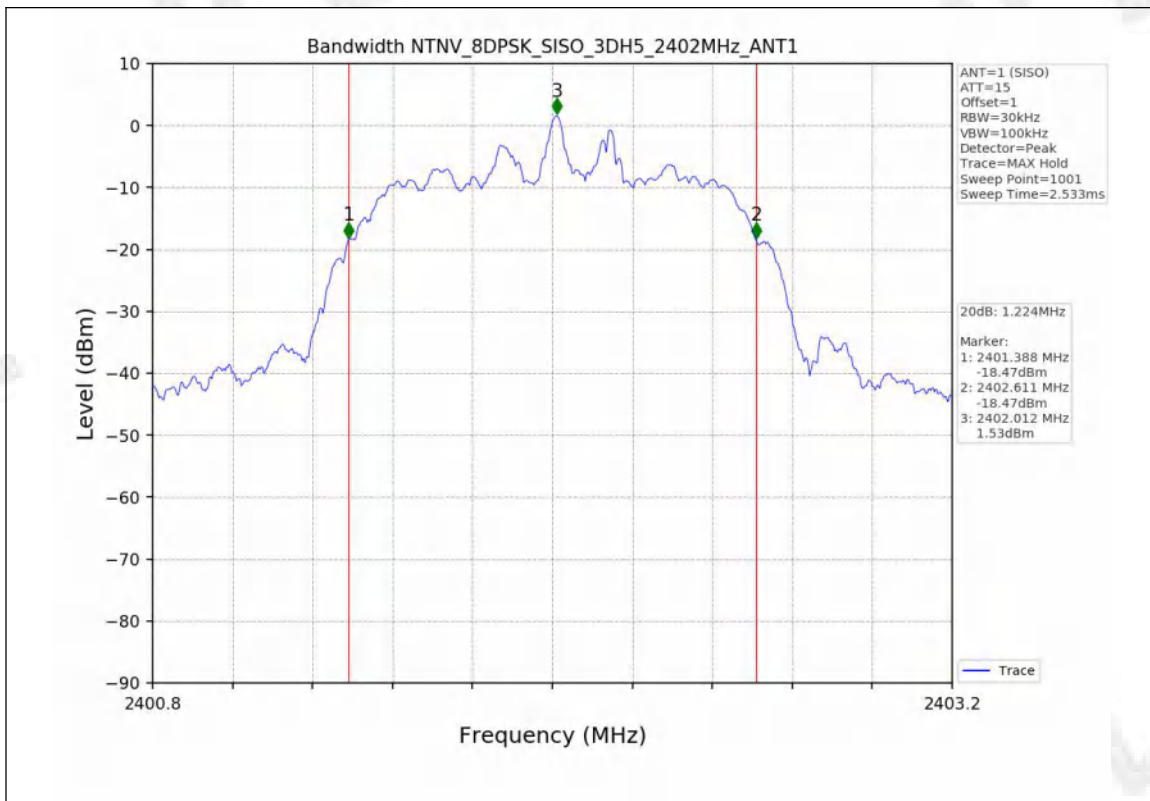
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.848	Only for Report Use
	2441	SISO	1	0.846	Only for Report Use
	2480	SISO	1	0.842	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.171	Only for Report Use
	2441	SISO	1	1.166	Only for Report Use
	2480	SISO	1	1.176	Only for Report Use
8DPSK	2402	SISO	1	1.162	Only for Report Use
	2441	SISO	1	1.165	Only for Report Use
	2480	SISO	1	1.168	Only for Report Use

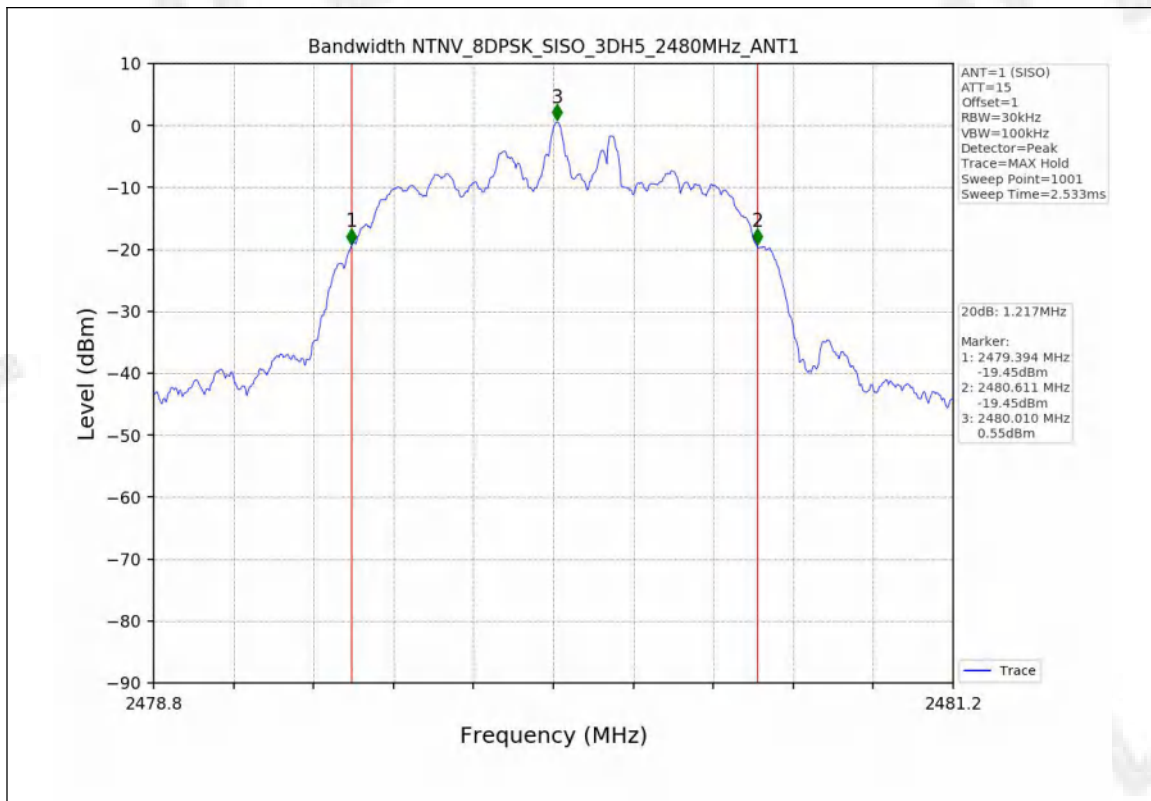
1.2 Test Graph - 20dB Bandwidth



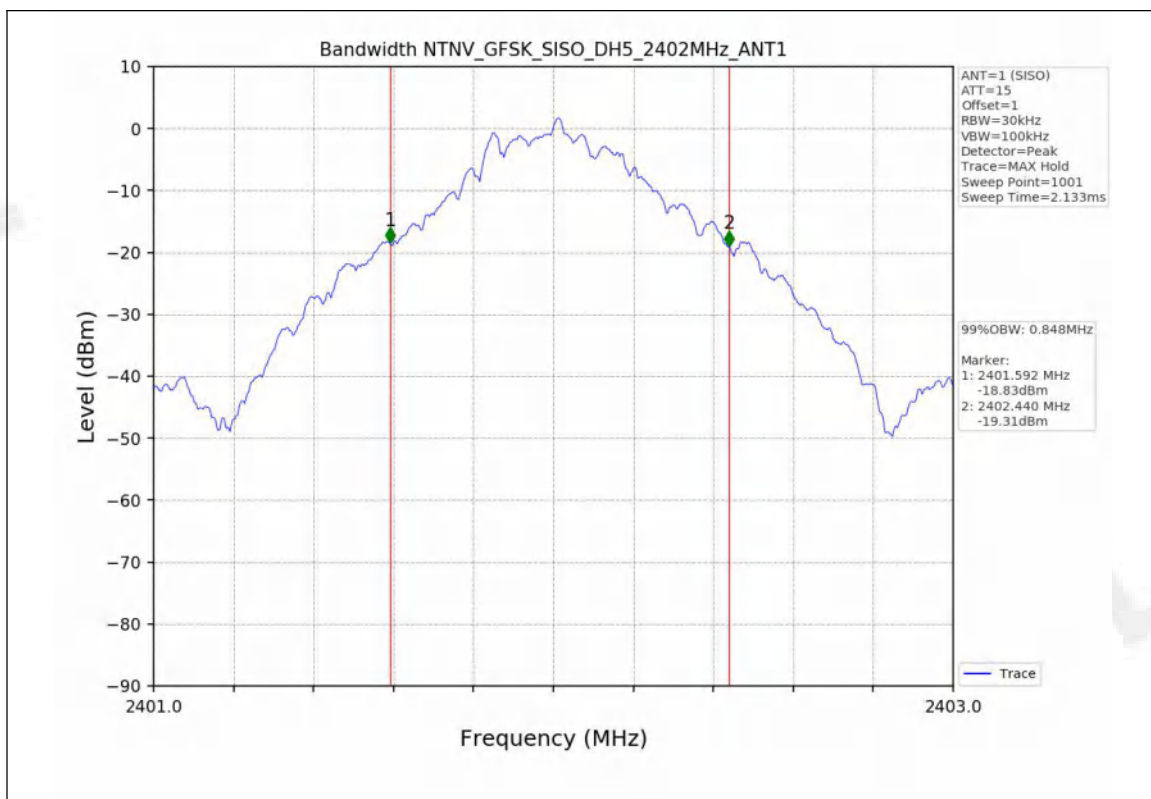


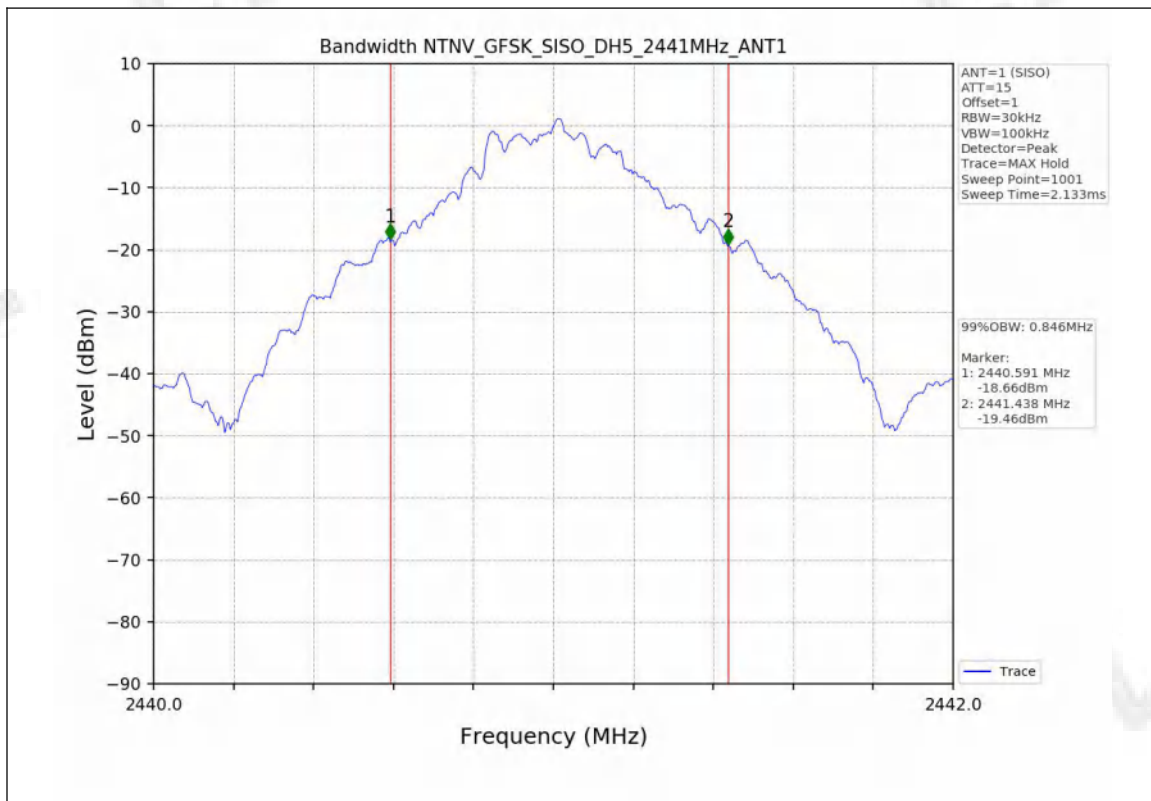


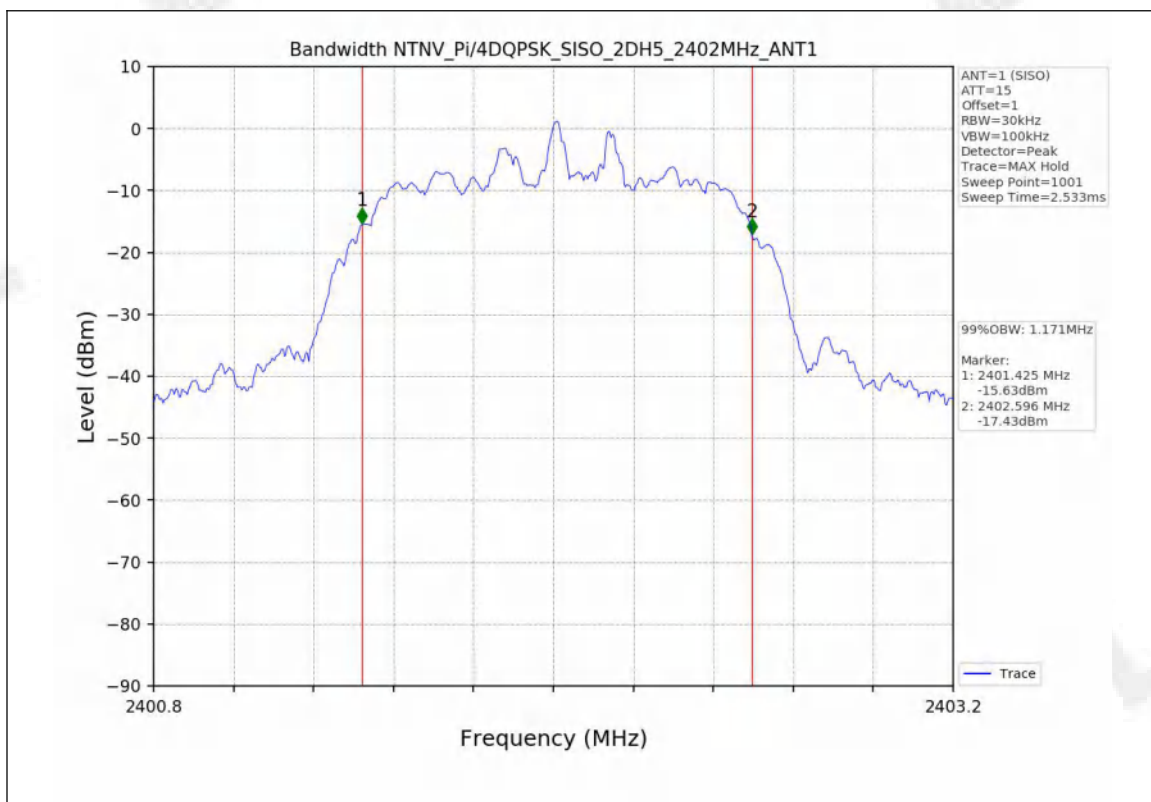
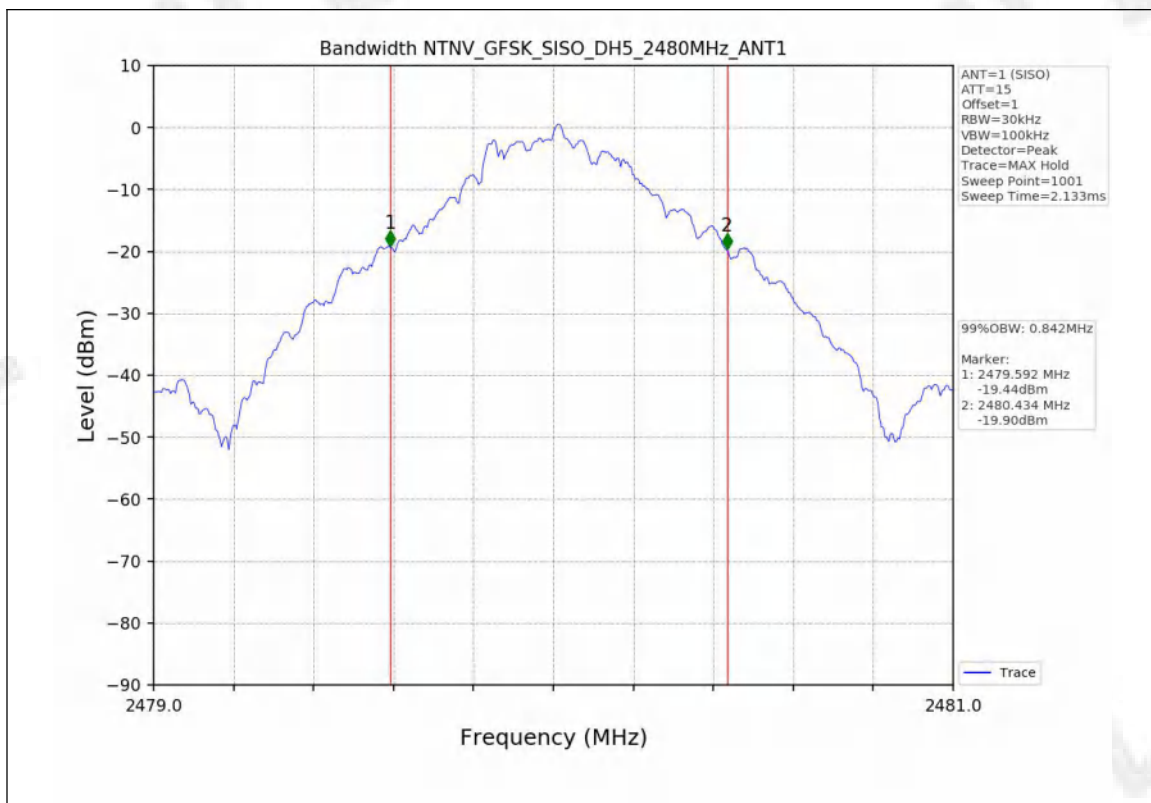


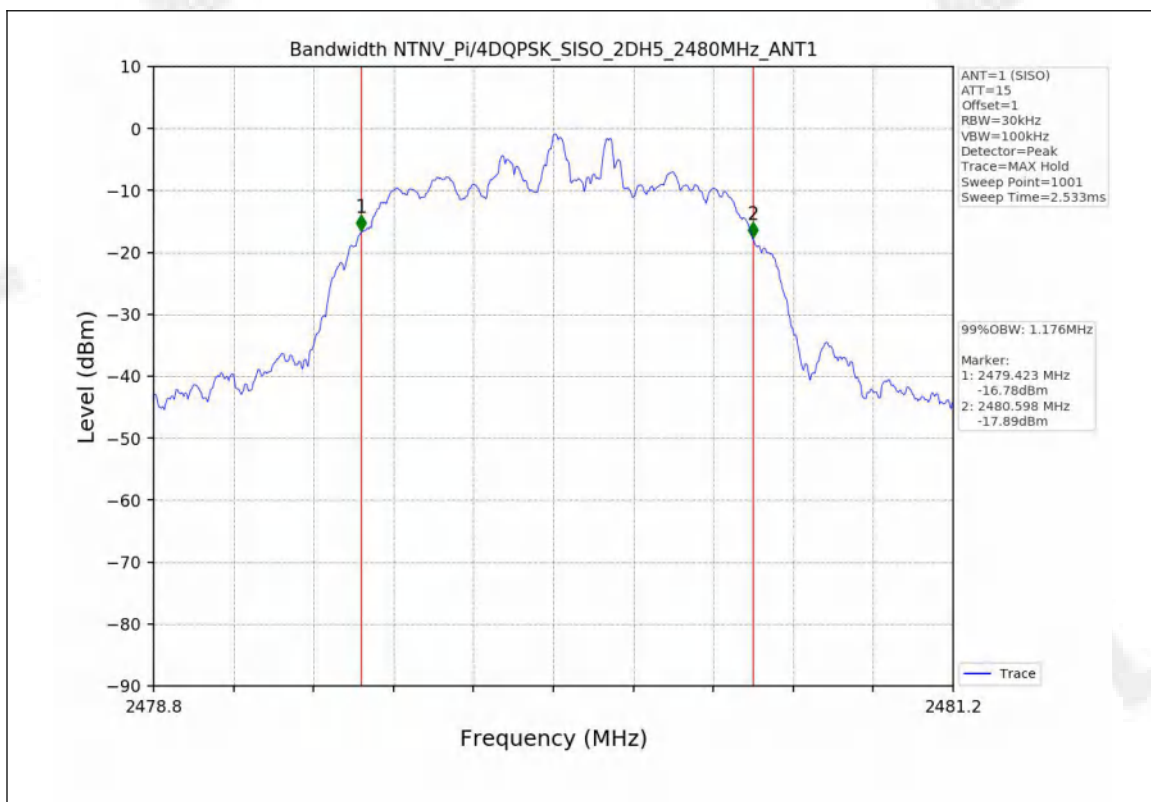
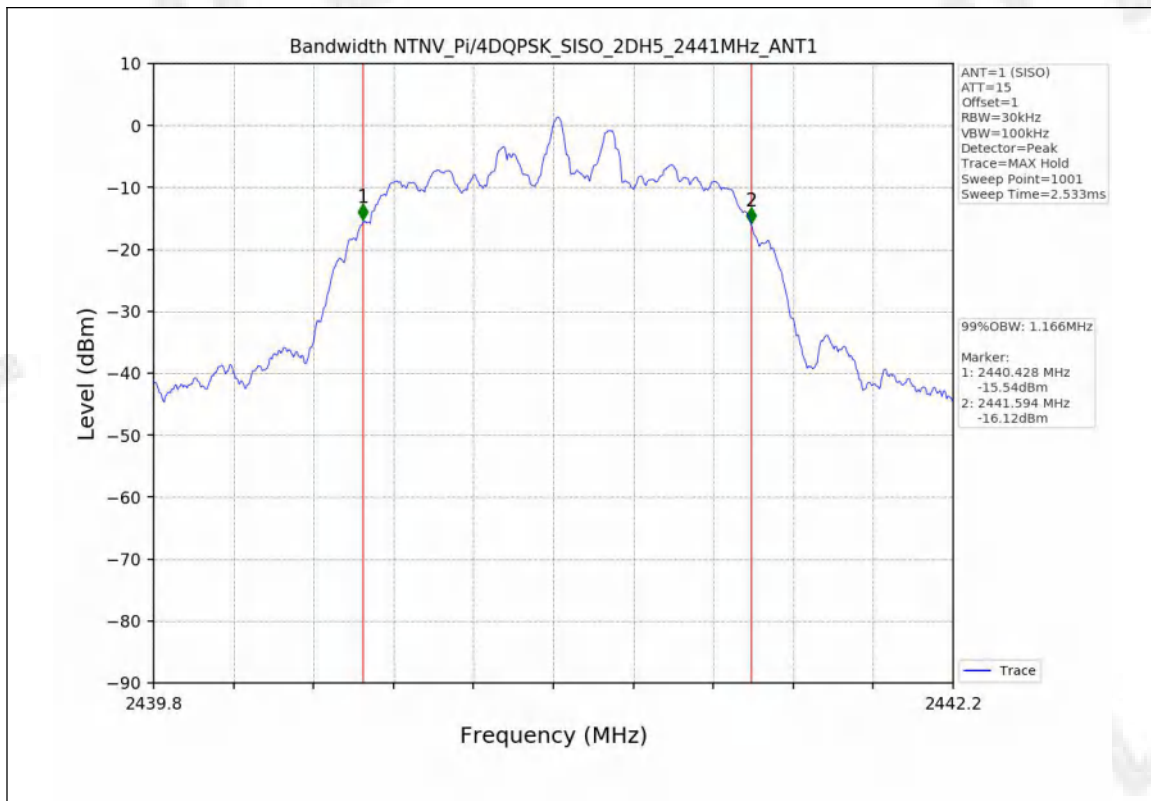


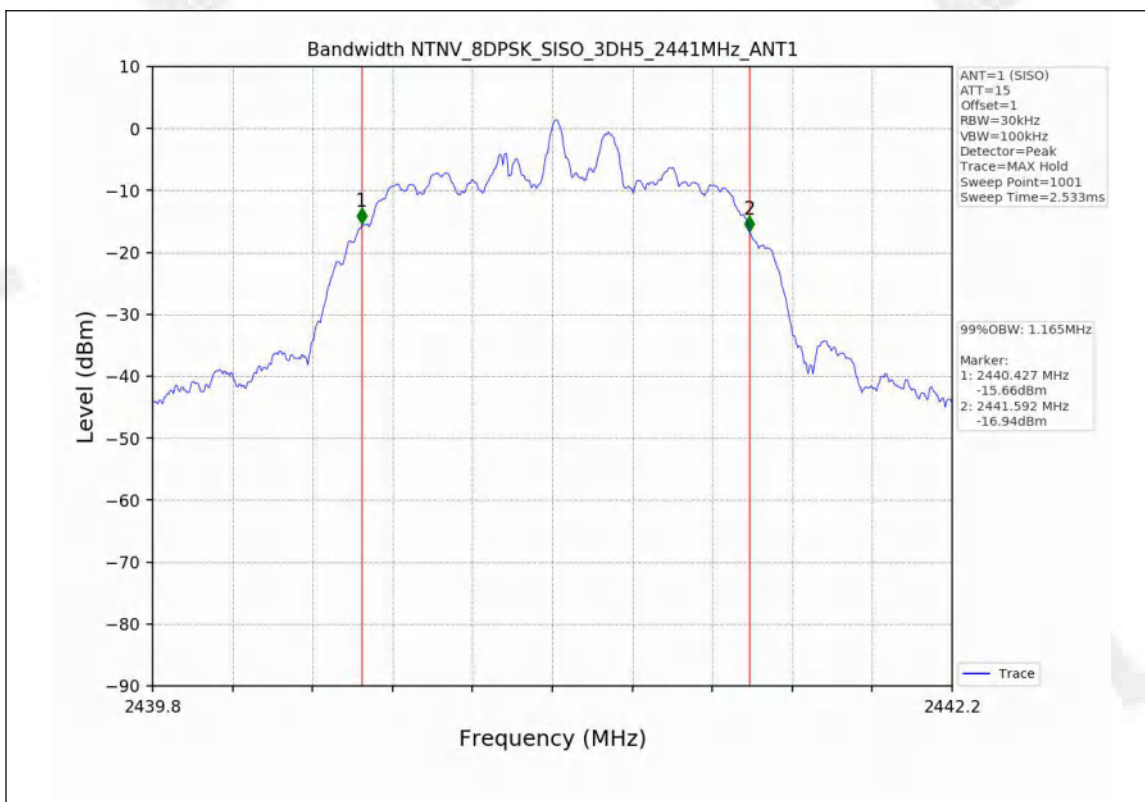
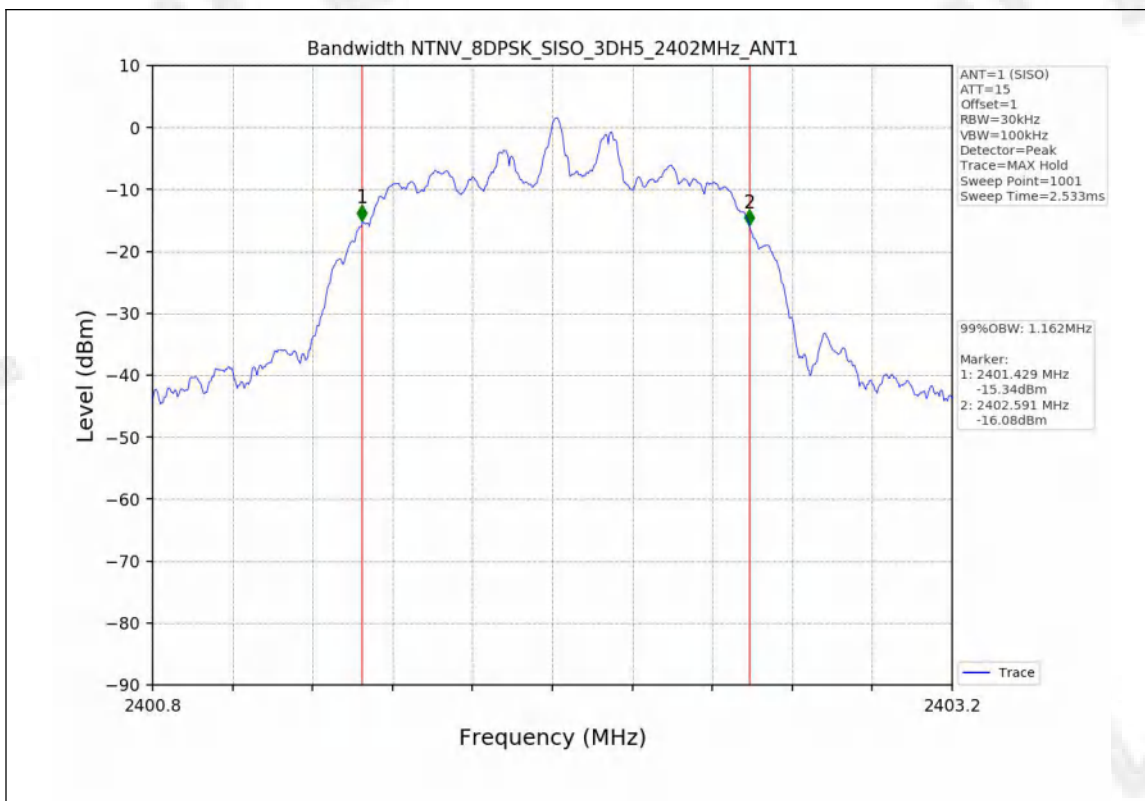
1.3 Test Graph - 99% Occupied Bandwidth

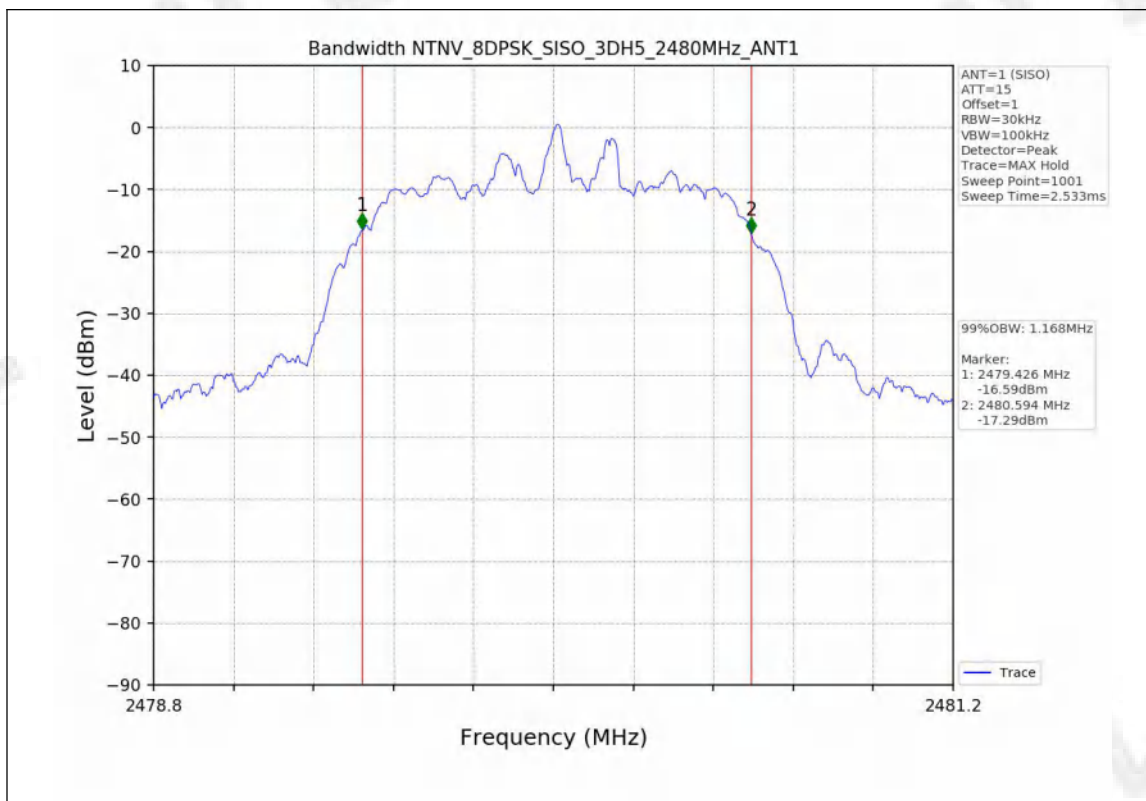










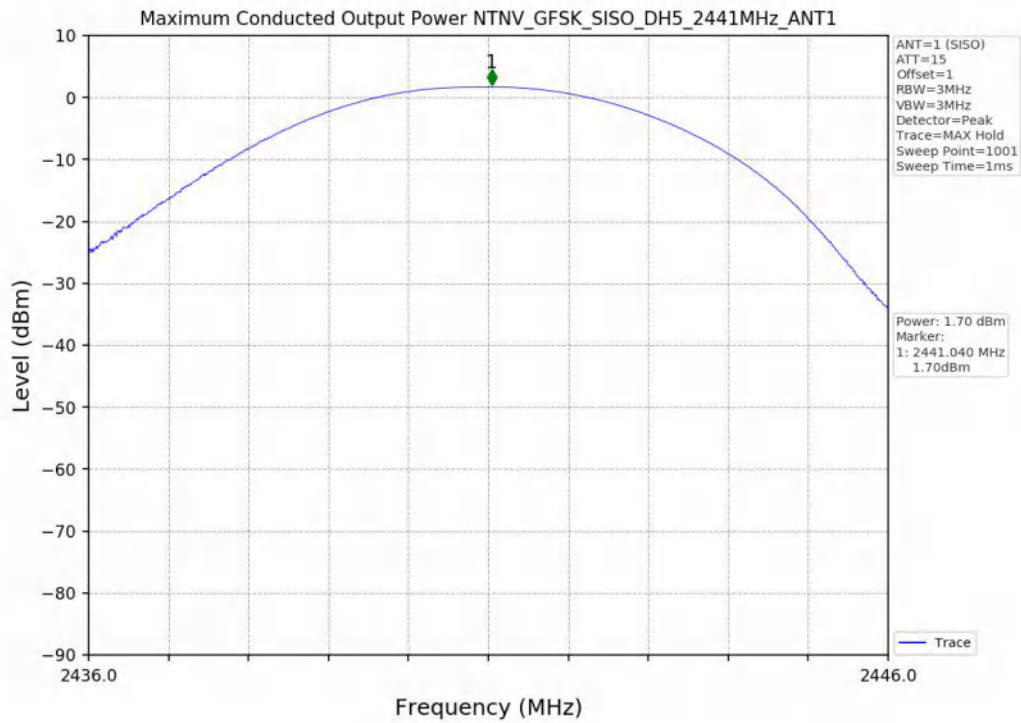


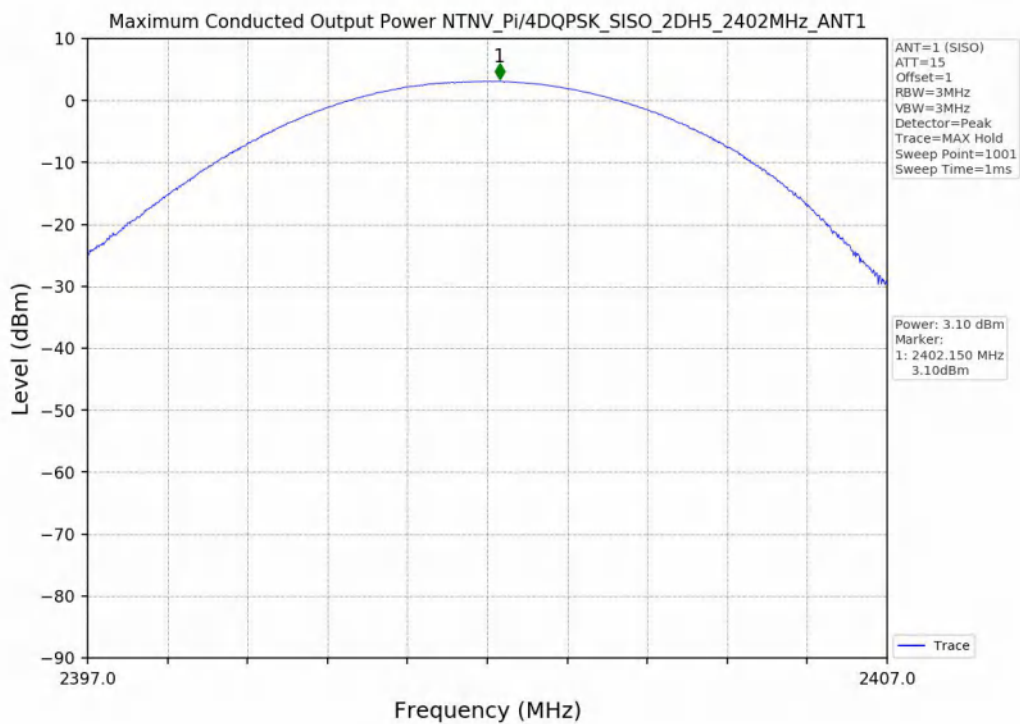
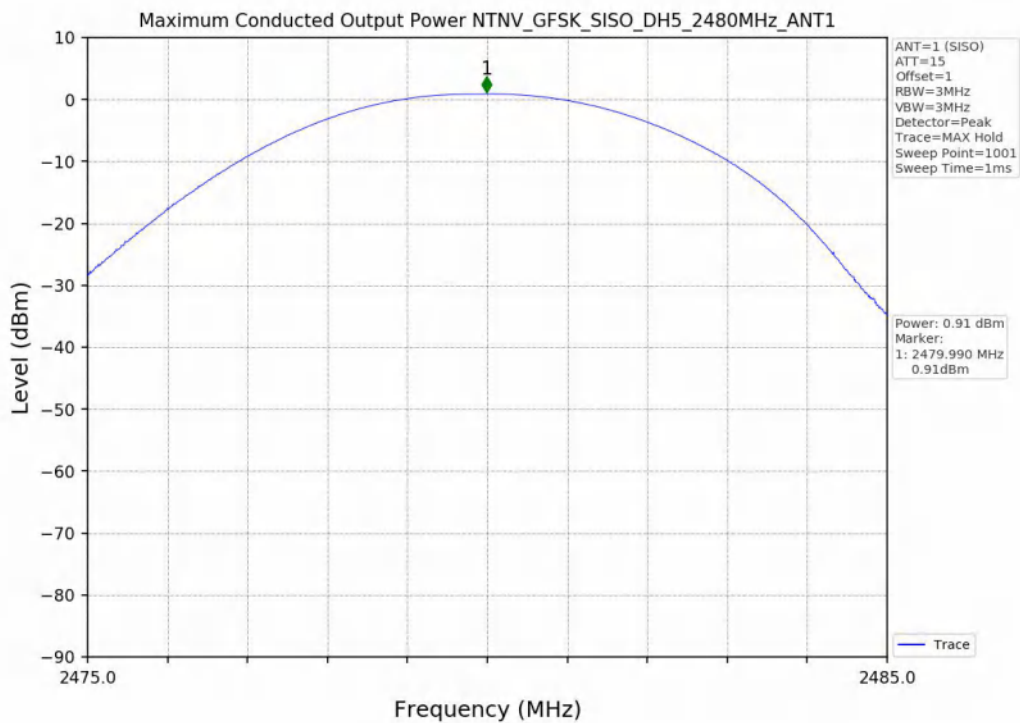
2. Maximum Conducted Output Power

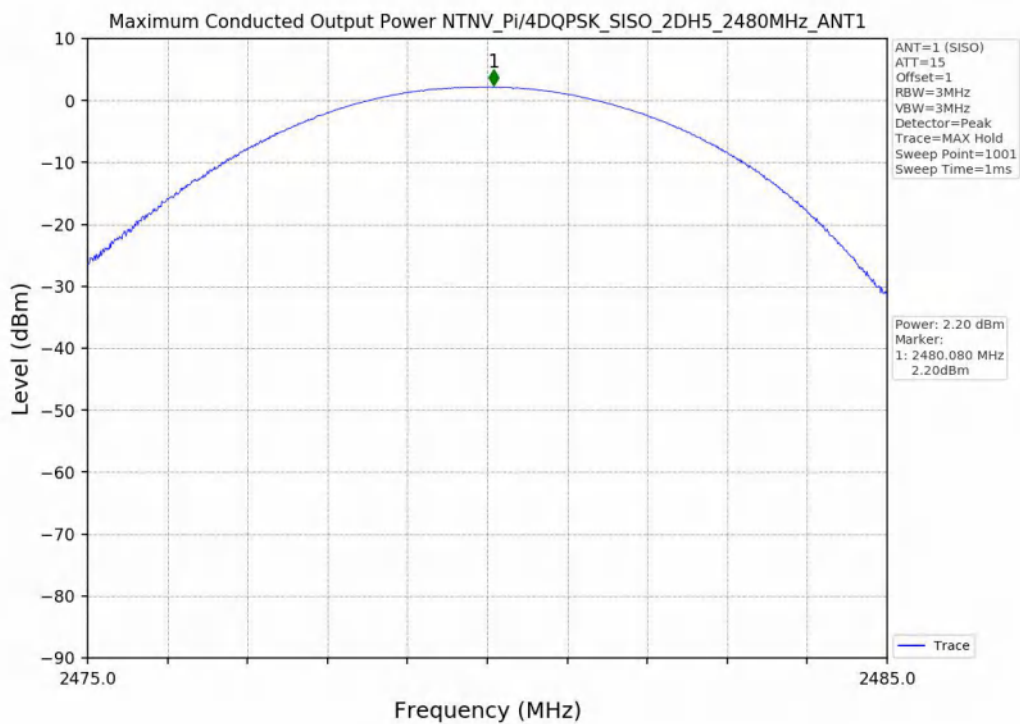
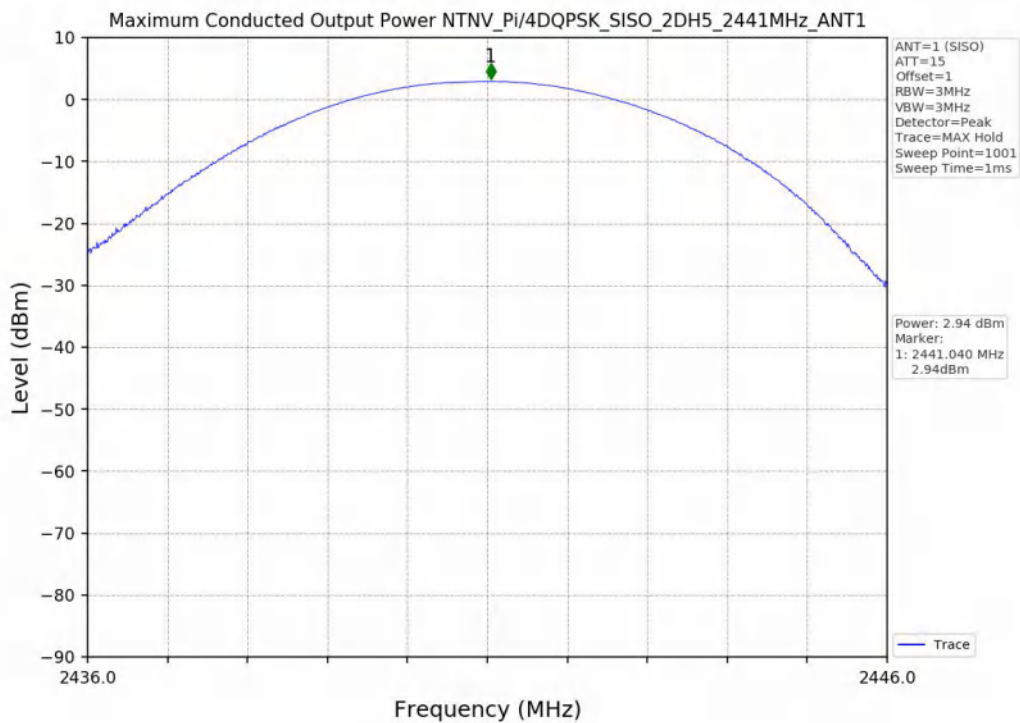
2.1 Test Result

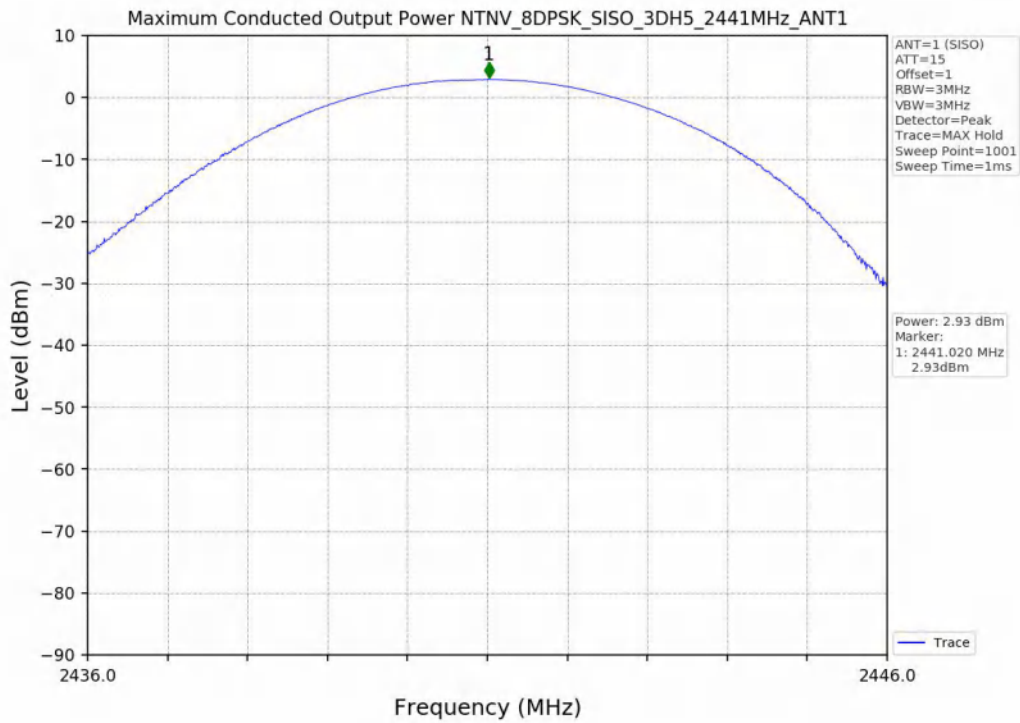
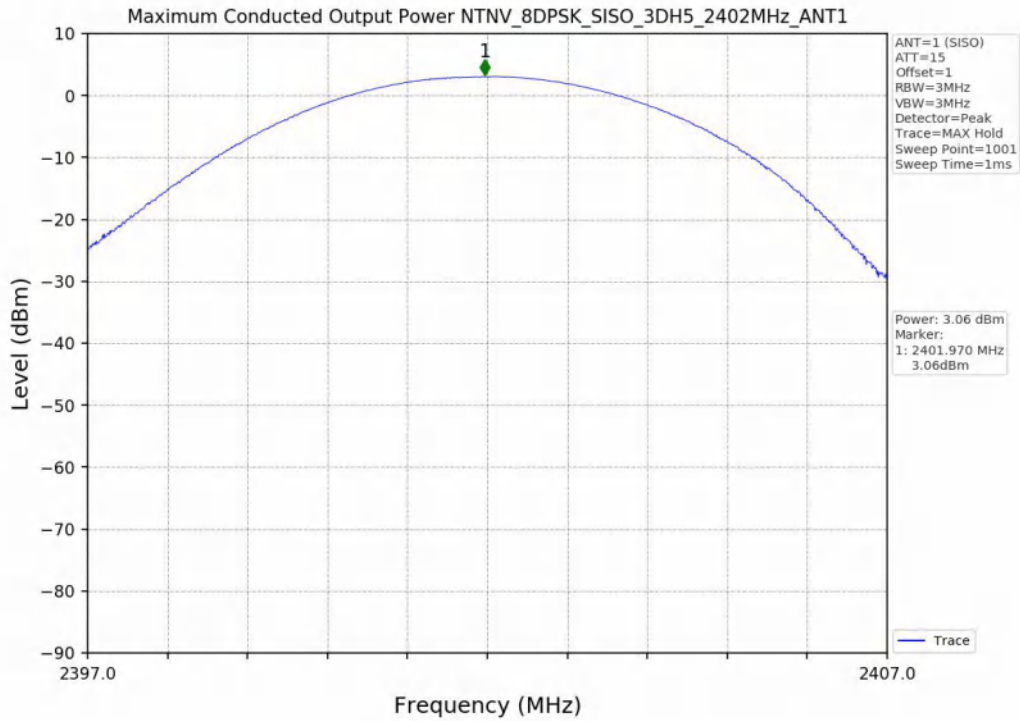
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	1.89	30	PASS
	2441	SISO	1.70	30	PASS
	2480	SISO	0.91	30	PASS
Pi/4DQPSK	2402	SISO	3.10	20.97	PASS
	2441	SISO	2.94	20.97	PASS
	2480	SISO	2.20	20.97	PASS
8DPSK	2402	SISO	3.06	20.97	PASS
	2441	SISO	2.93	20.97	PASS
	2480	SISO	2.16	20.97	PASS

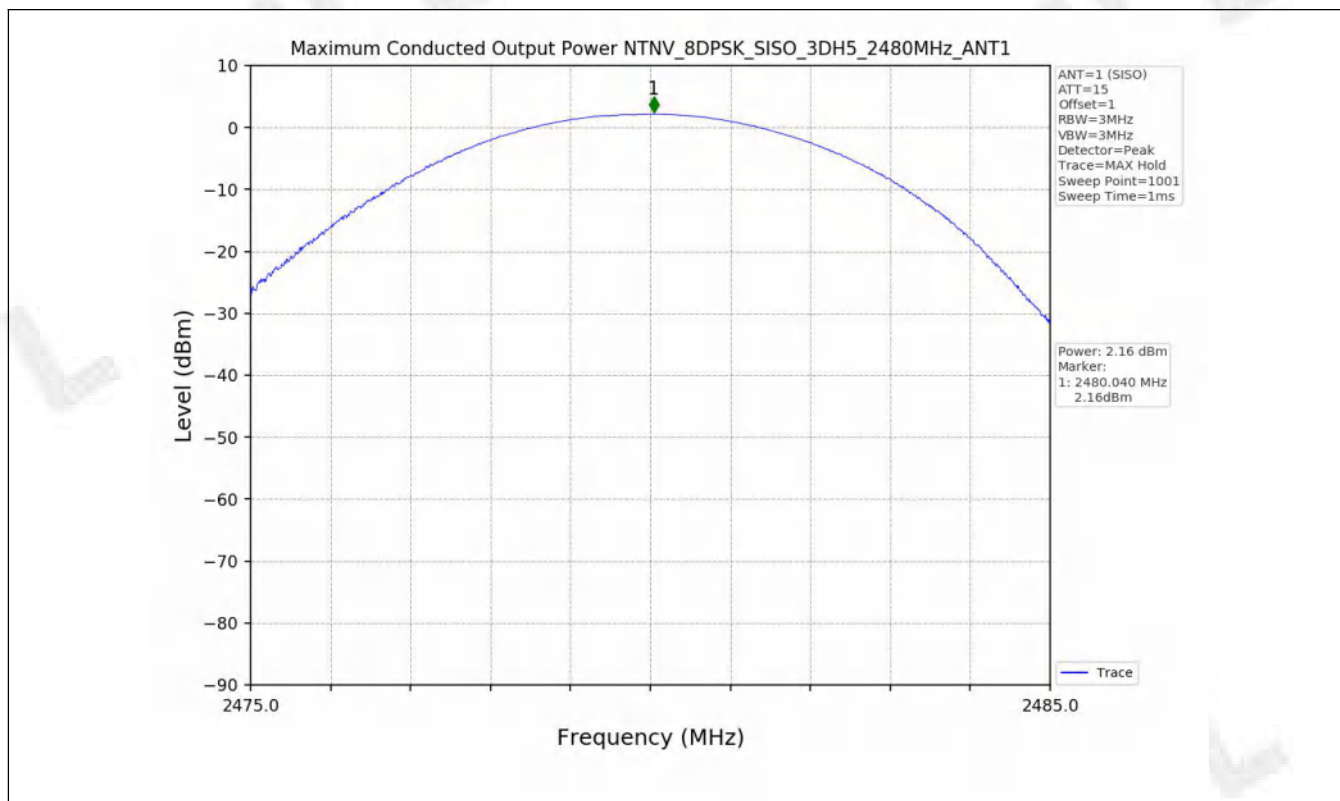
2.2 Test Graph









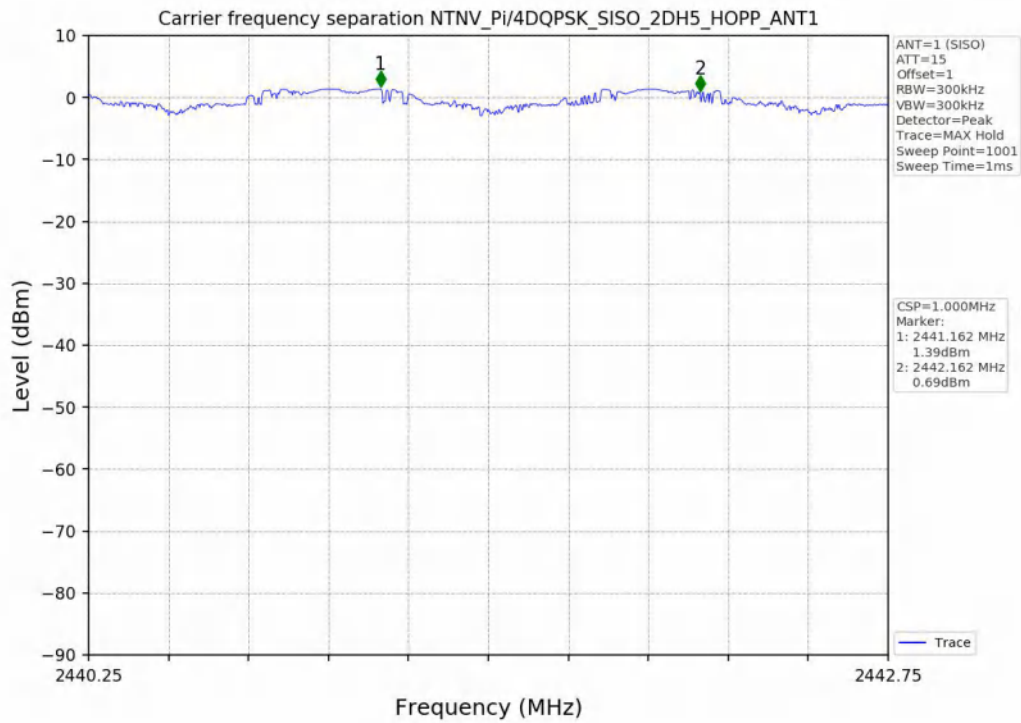
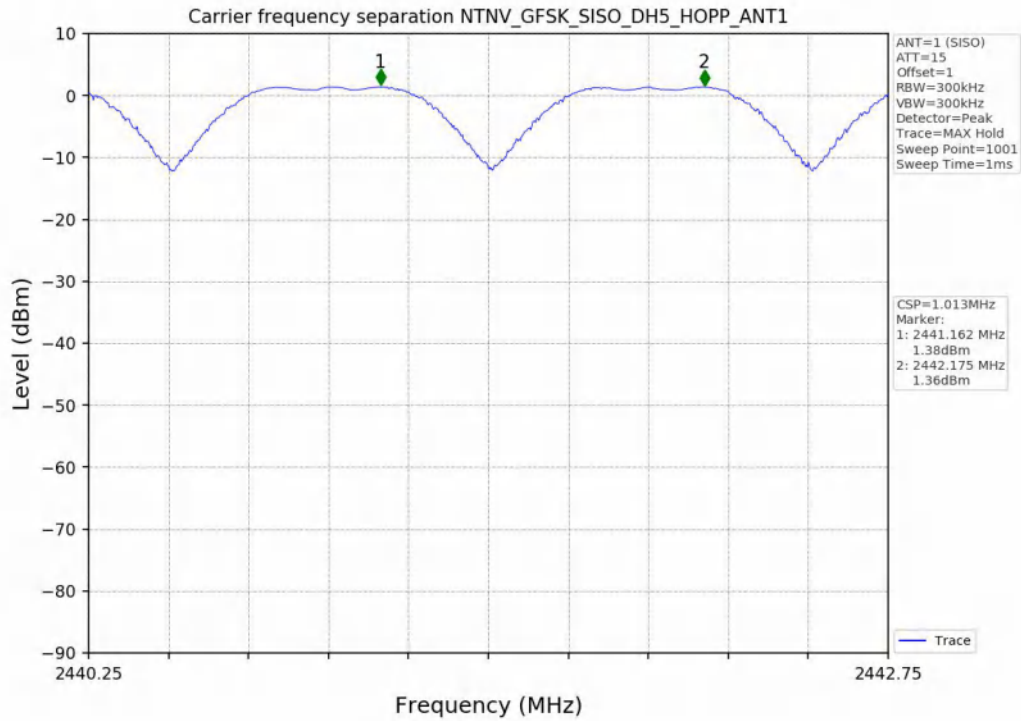


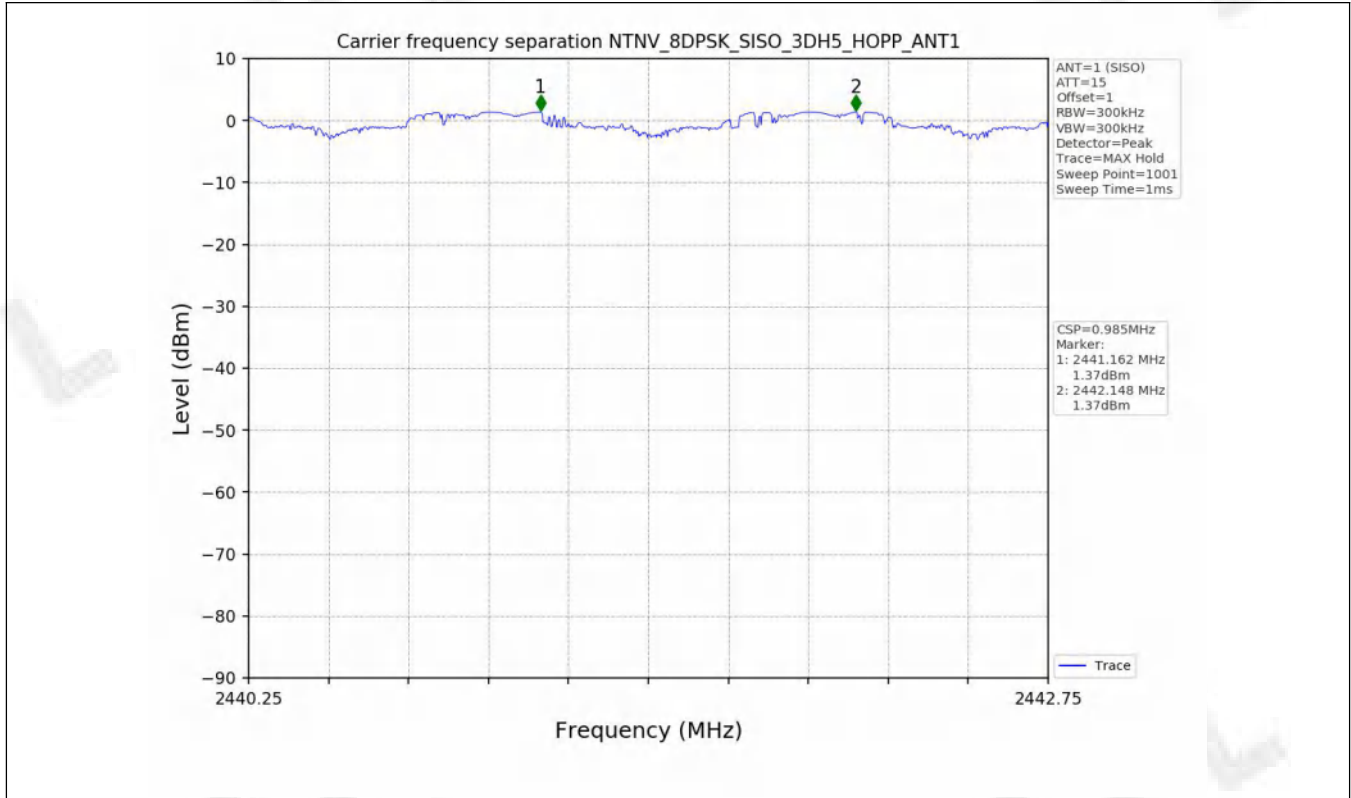
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.013	0.916	≥ 0.916	PASS
Pi/4DQPSK	SISO	1	1.000	1.226	≥ 0.817	PASS
8DPSK	SISO	1	0.985	1.247	≥ 0.831	PASS

3.2 Test Graph



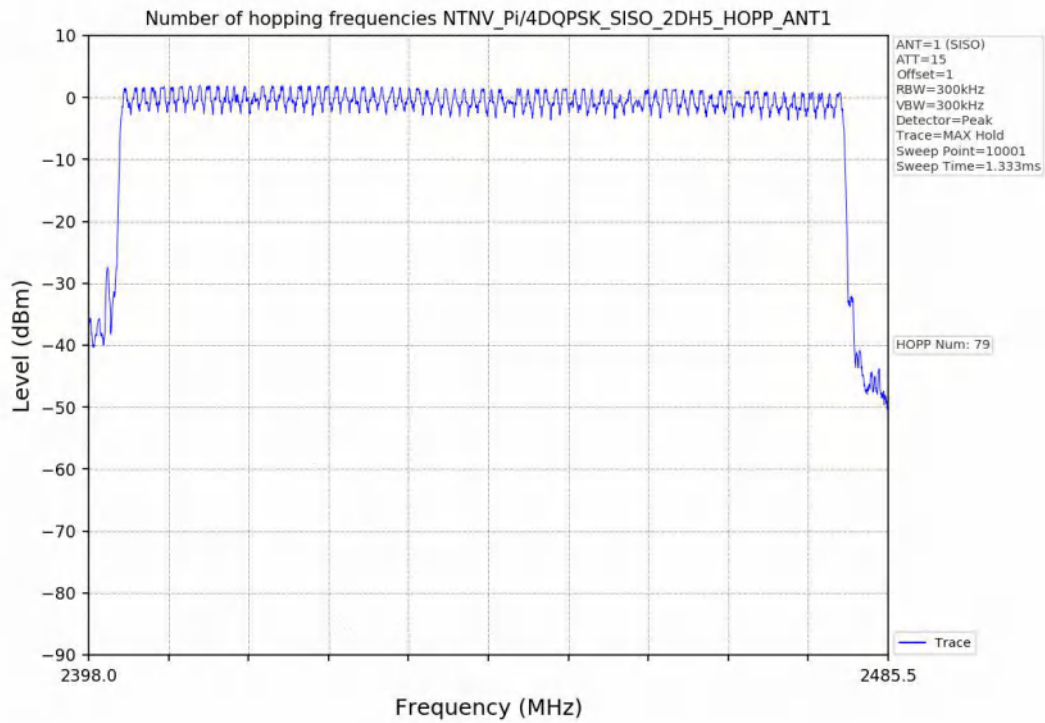
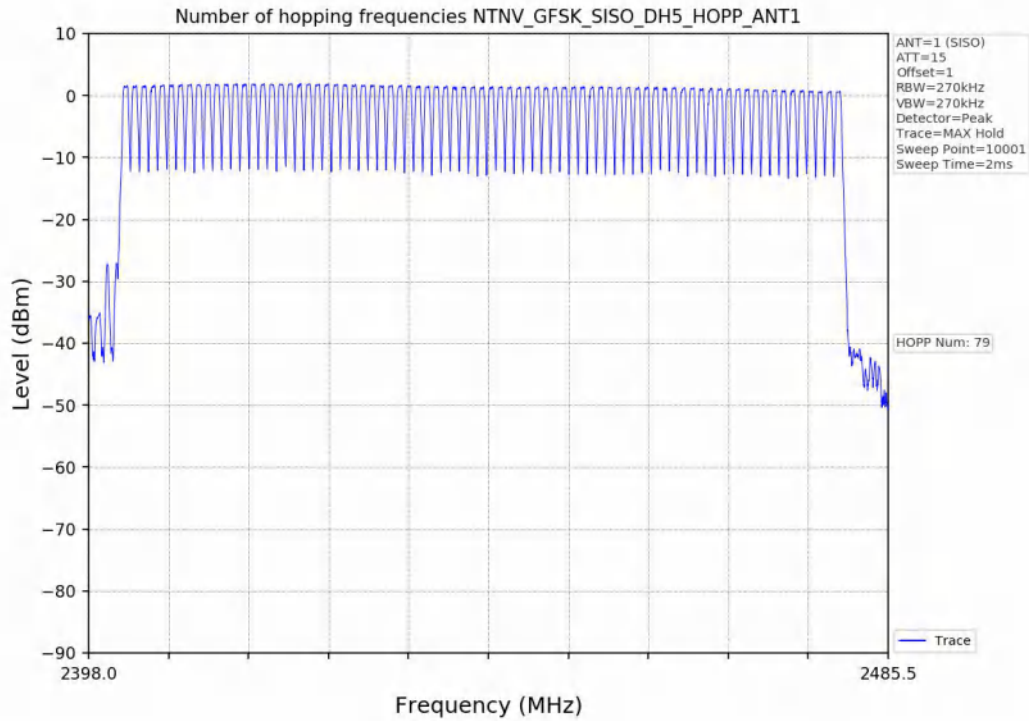


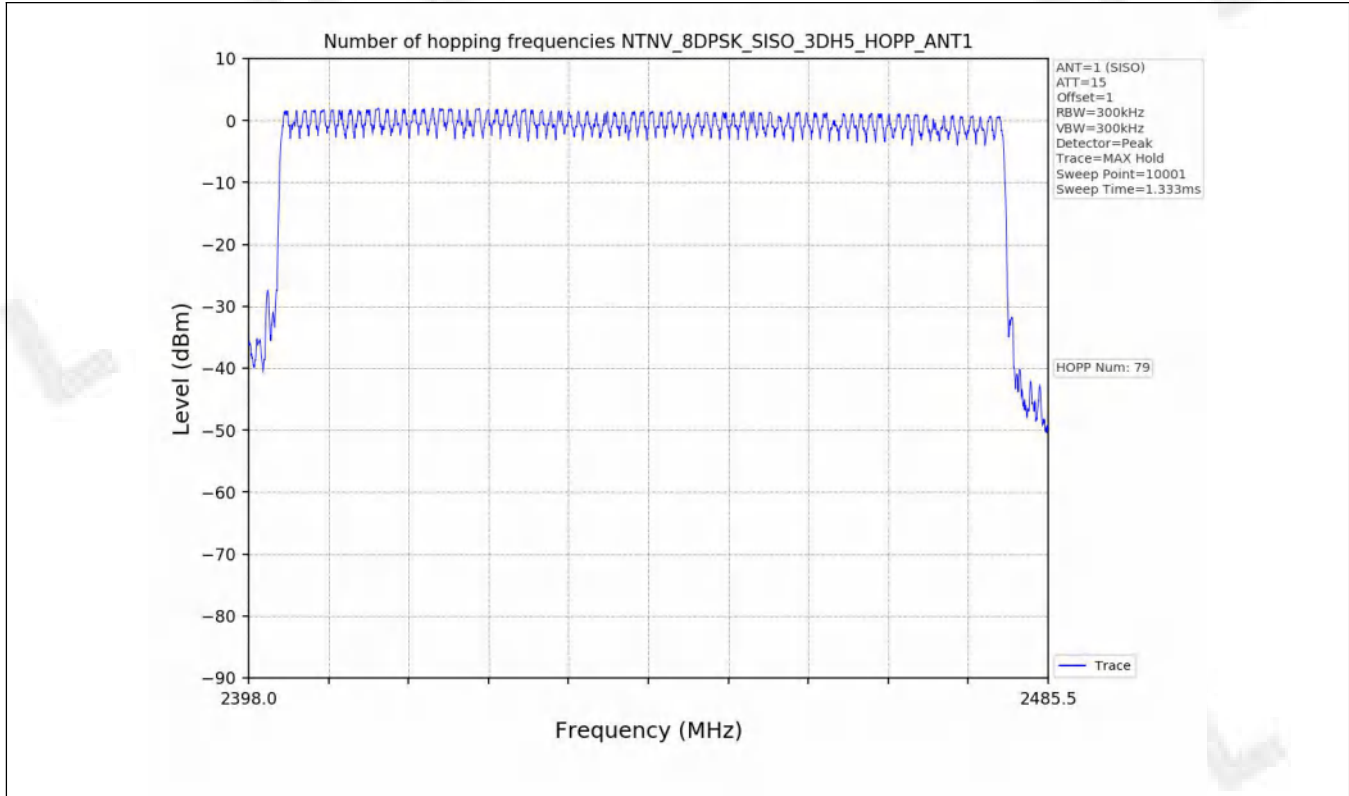
4. Number of hopping frequencies

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



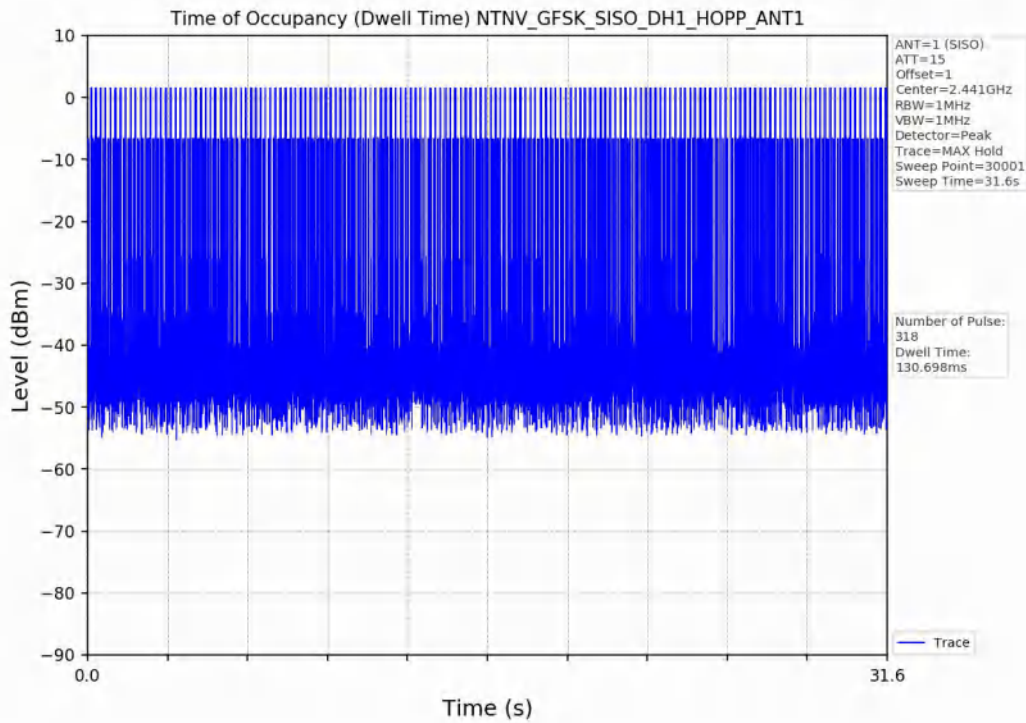
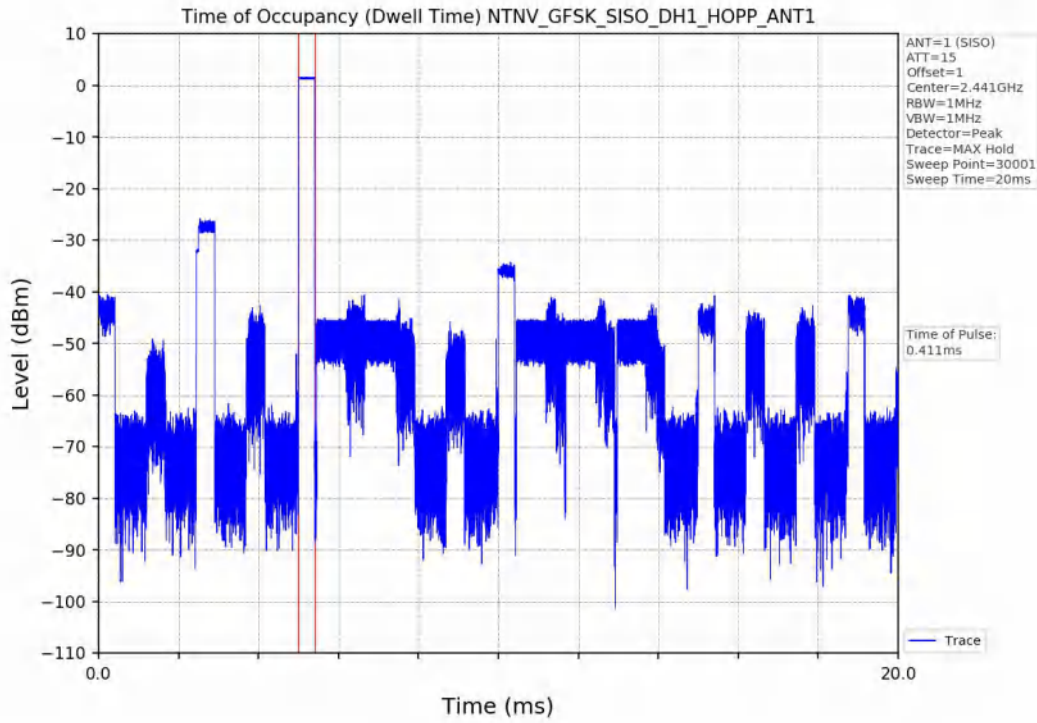


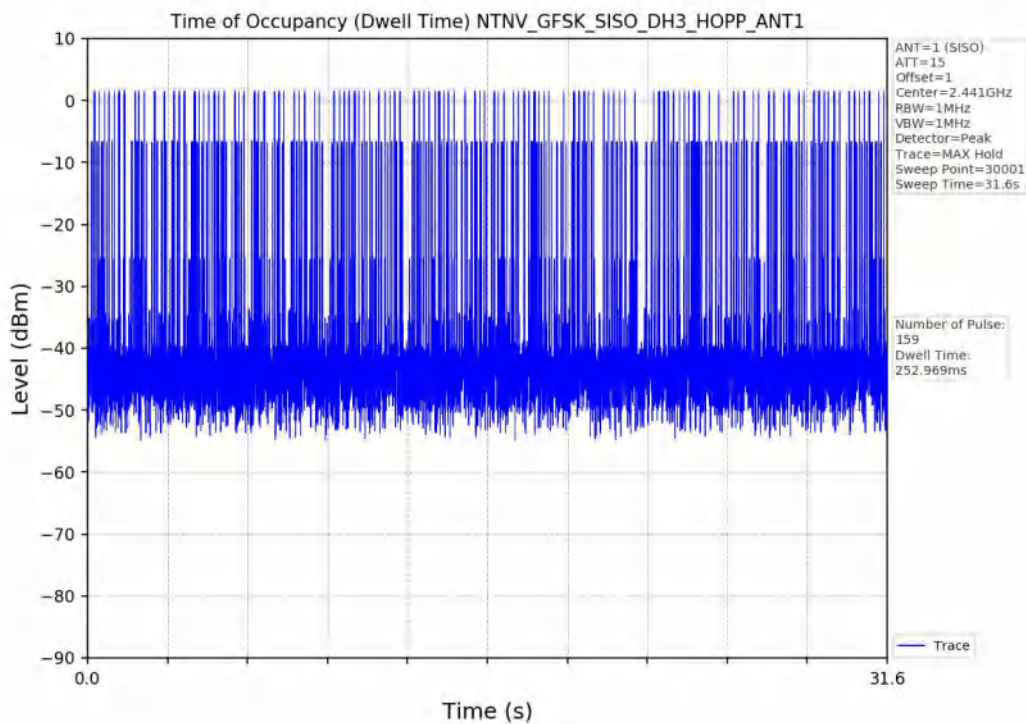
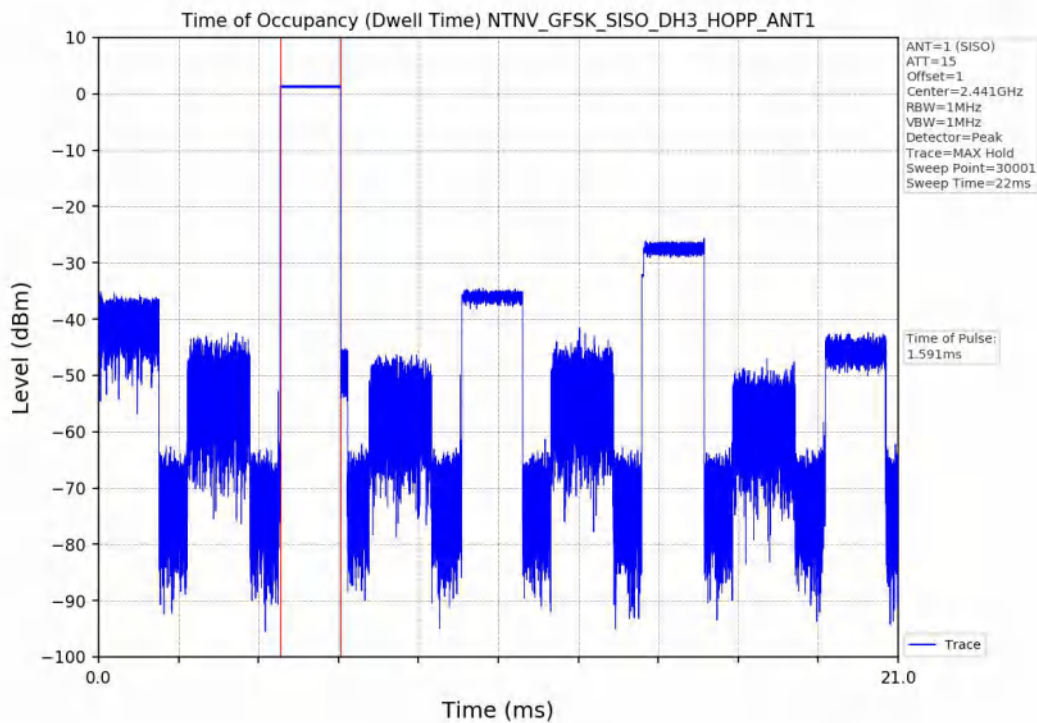
5. Time of occupancy (dwell time)

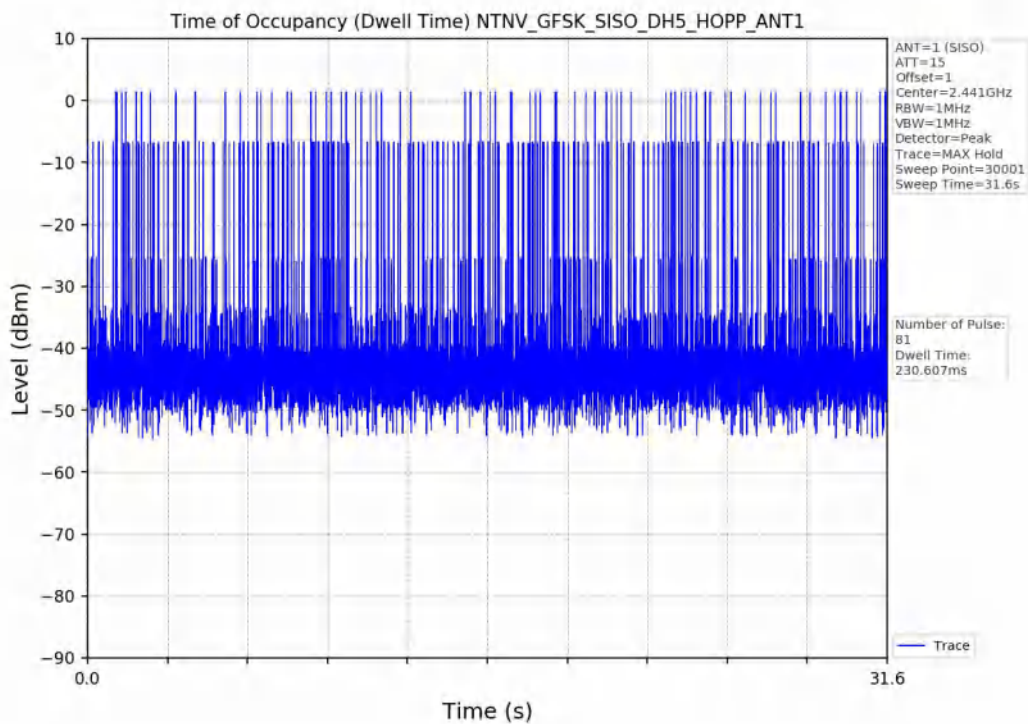
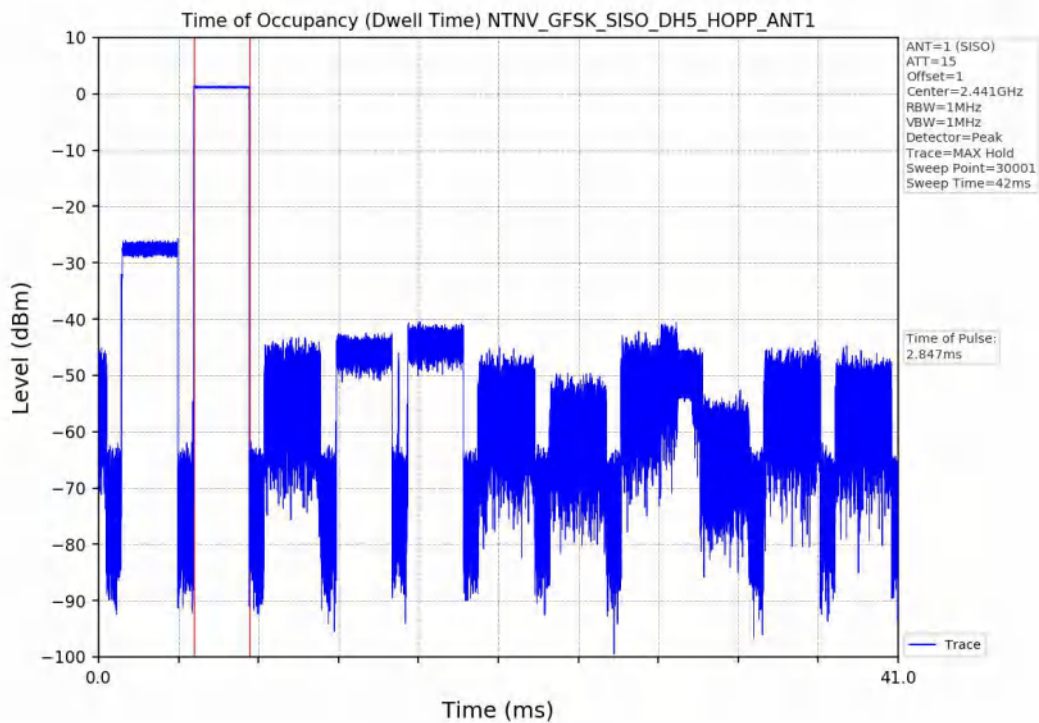
5.1 Test Result

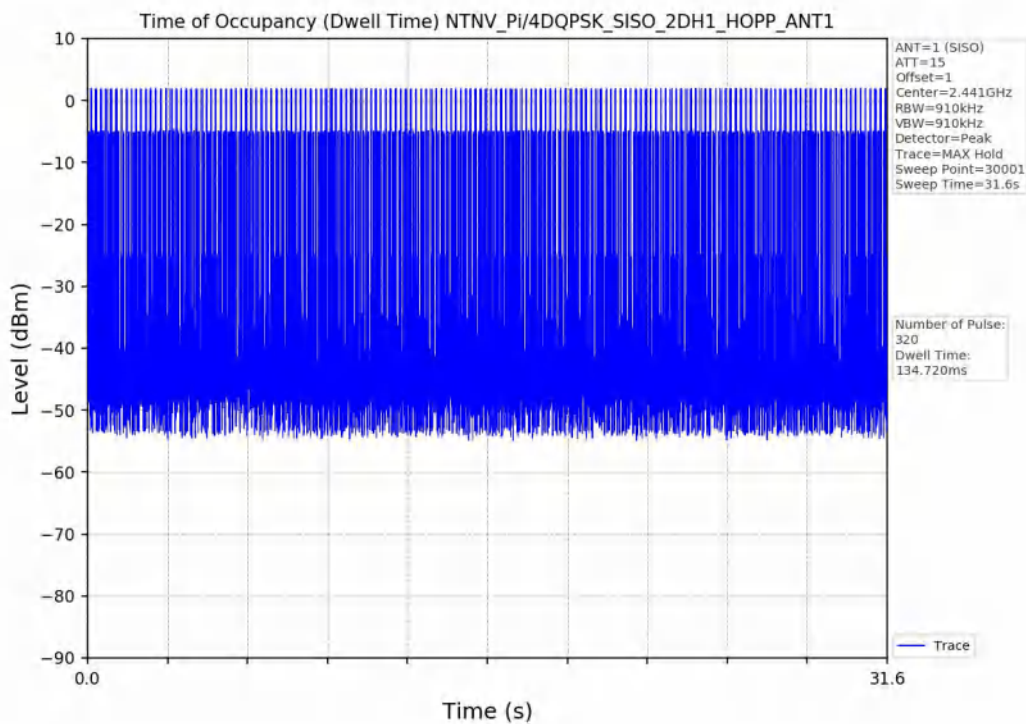
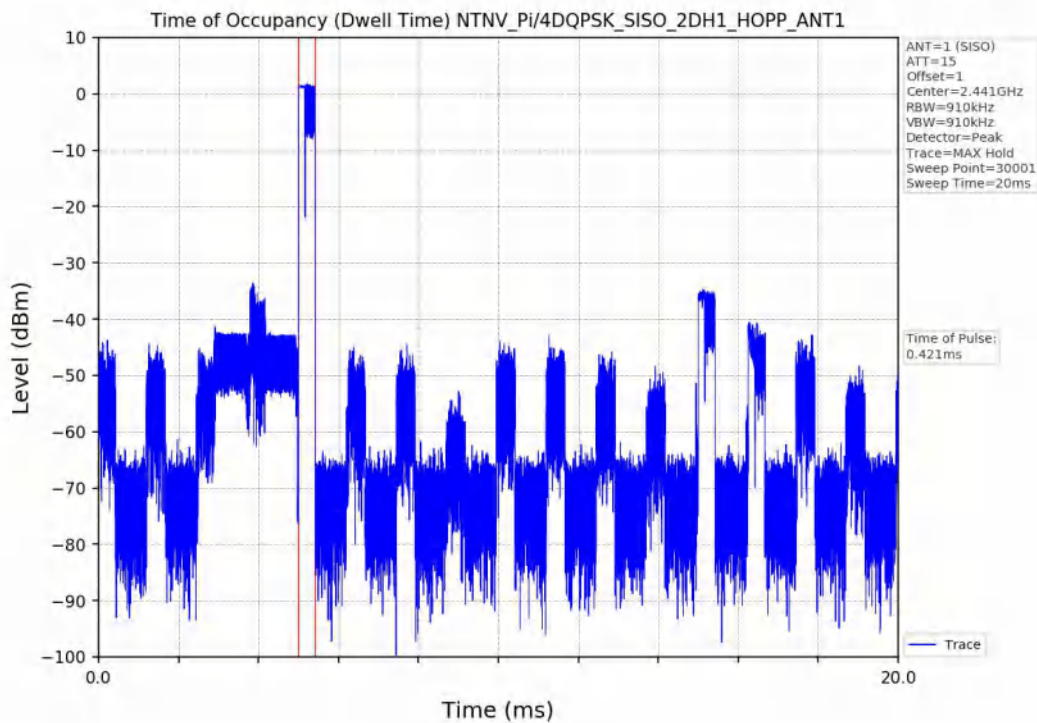
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.411	31.6	318	130.698	≤400	PASS
	DH3	SISO	1	1.591	31.6	159	252.969	≤400	PASS
	DH5	SISO	1	2.847	31.6	81	230.607	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.421	31.6	320	134.720	≤400	PASS
	2DH3	SISO	1	1.672	31.6	162	270.864	≤400	PASS
	2DH5	SISO	1	2.920	31.6	107	312.440	≤400	PASS
8DPSK	3DH1	SISO	1	0.421	31.6	320	134.720	≤400	PASS
	3DH3	SISO	1	1.672	31.6	160	267.520	≤400	PASS
	3DH5	SISO	1	2.921	31.6	98	286.258	≤400	PASS

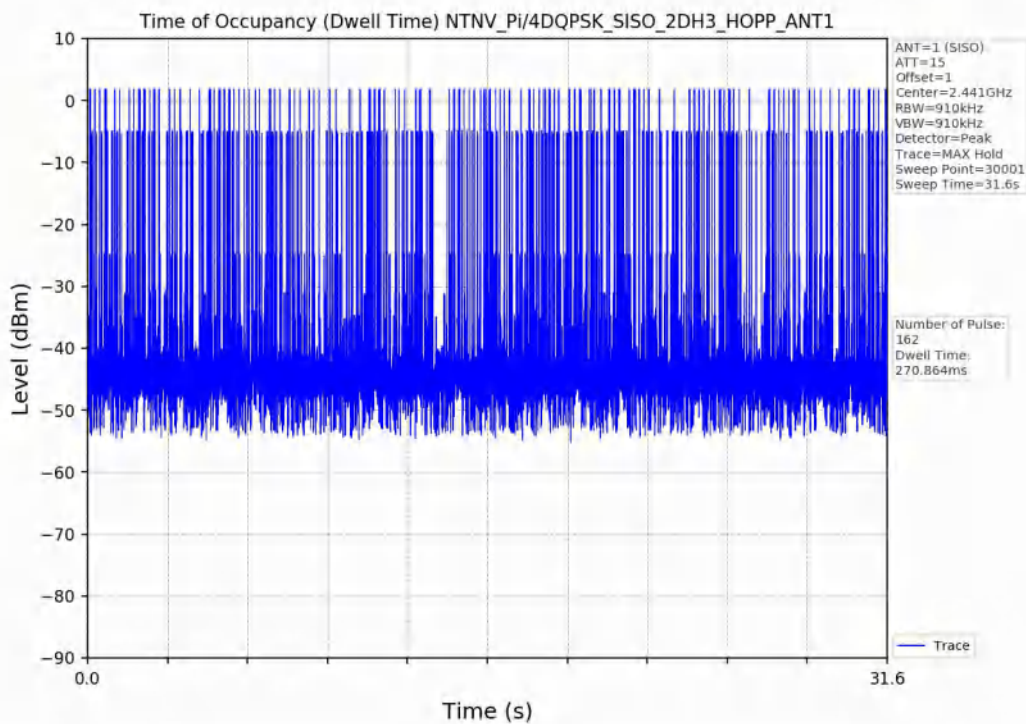
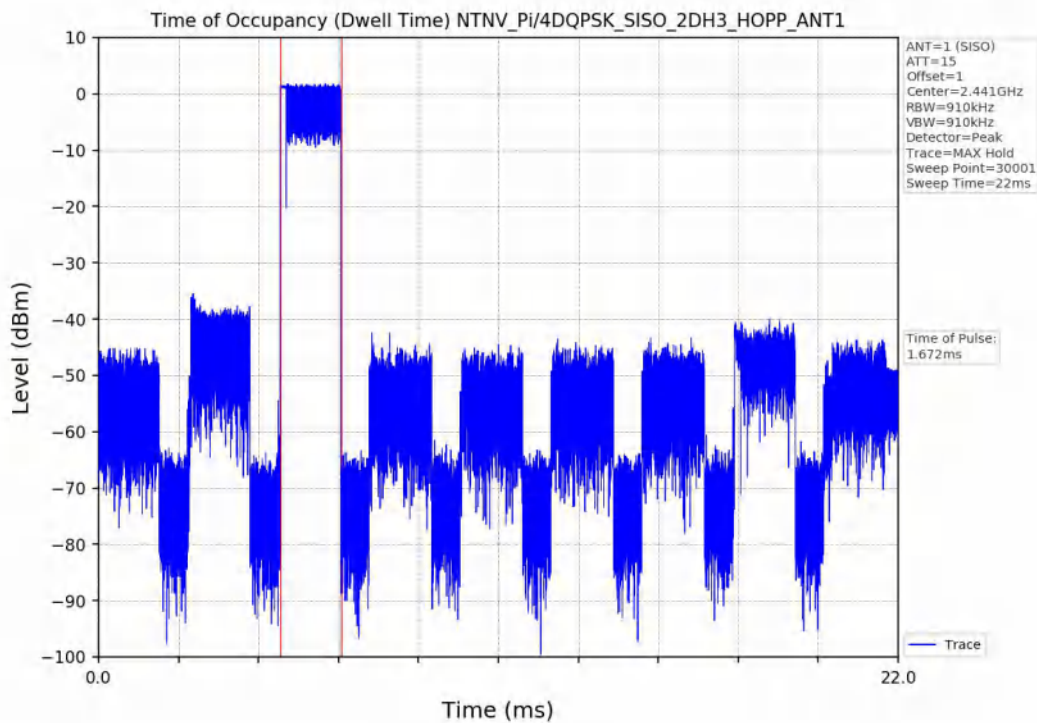
5.2 Test Graph

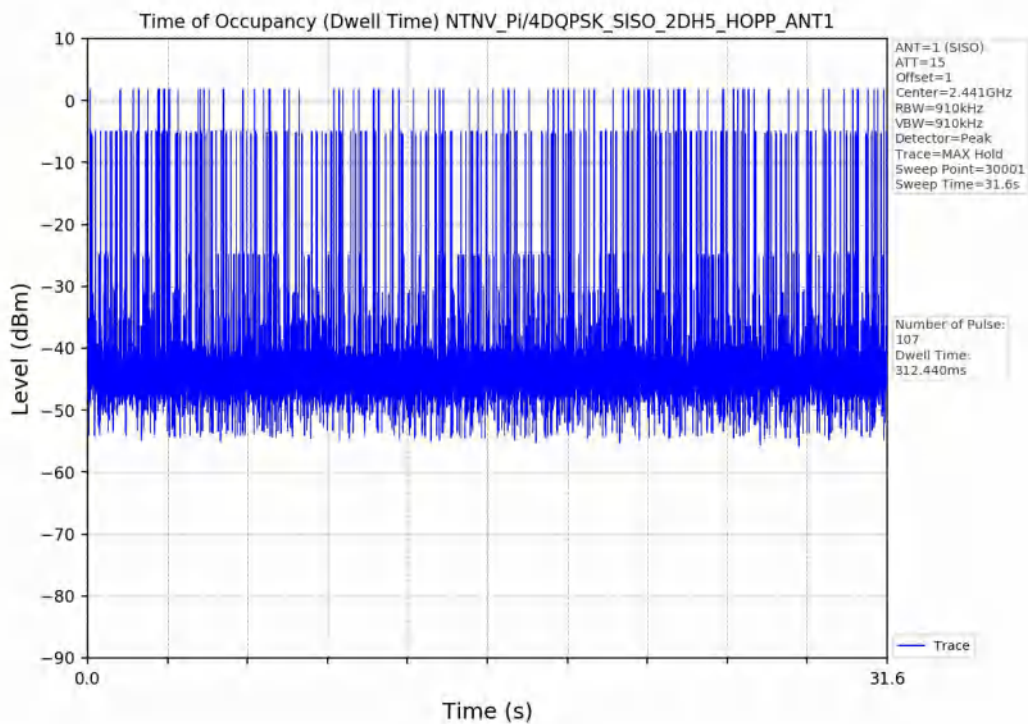
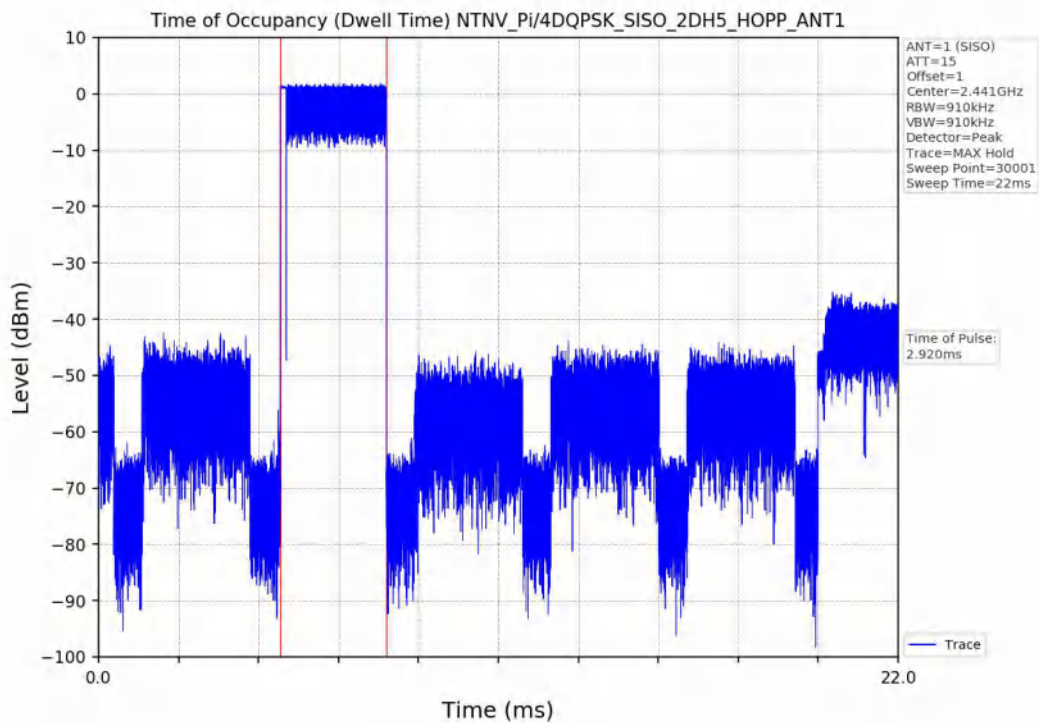


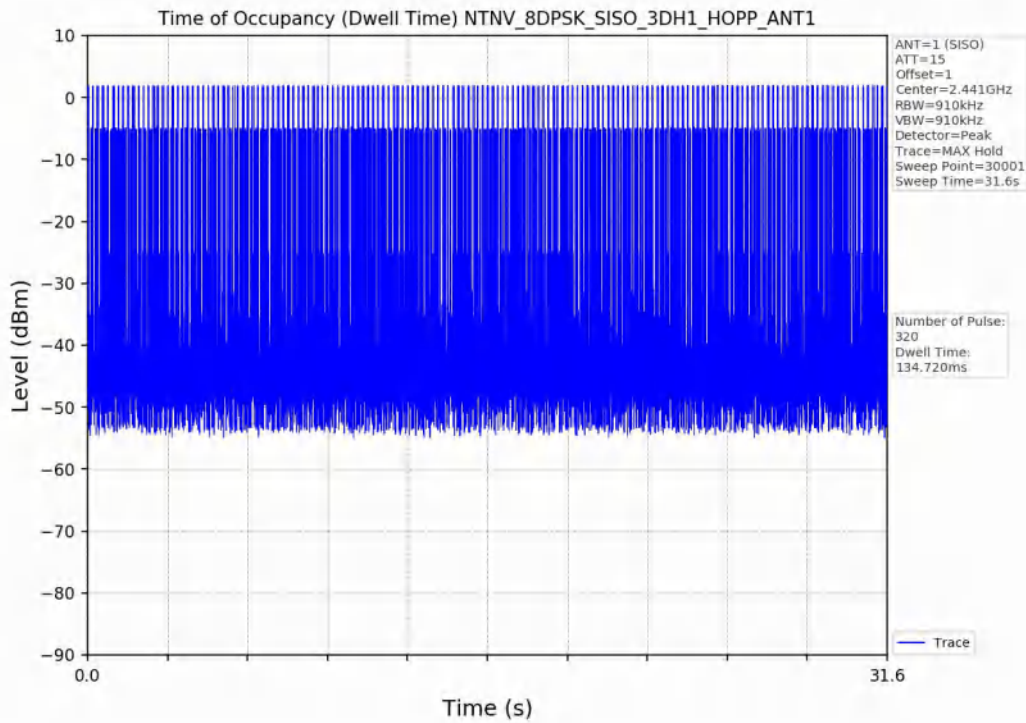
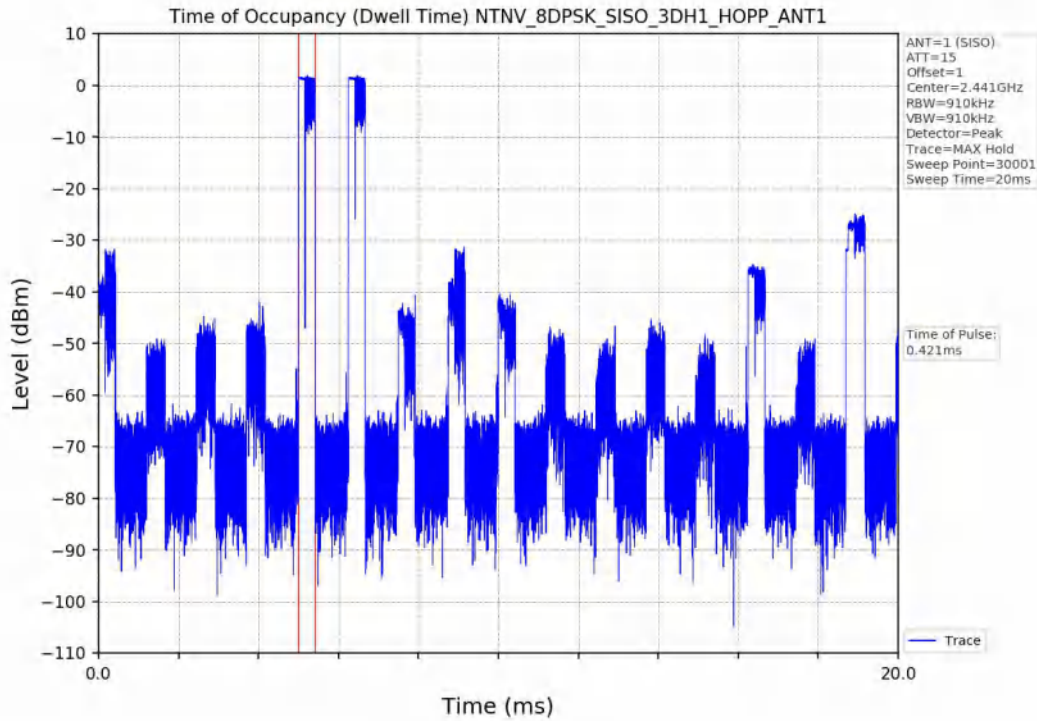


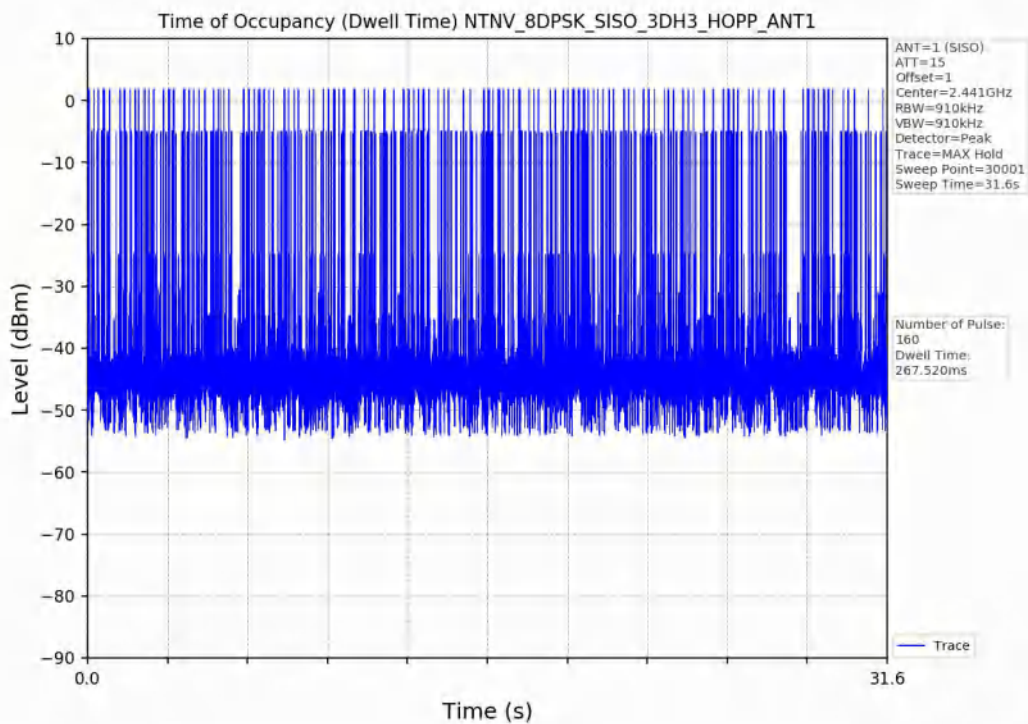
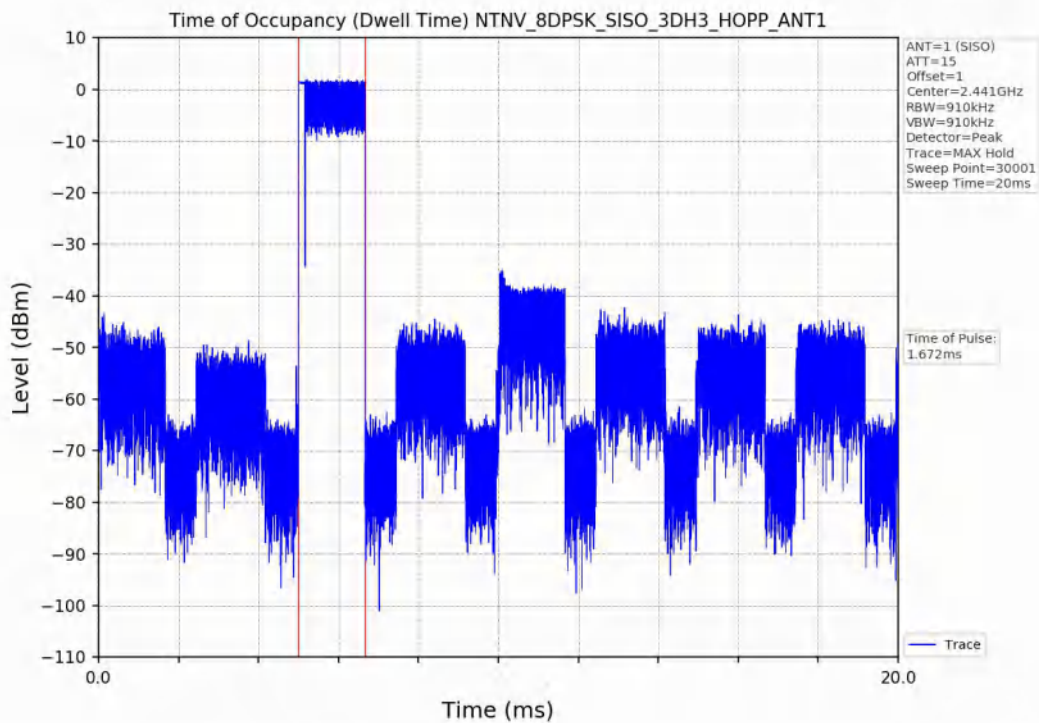


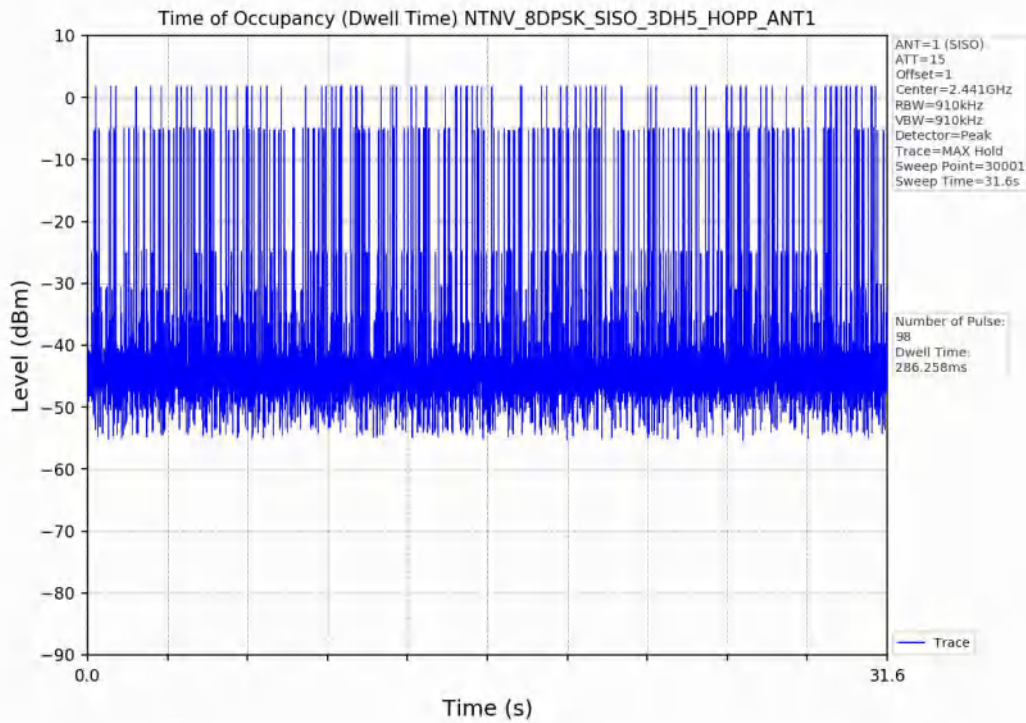
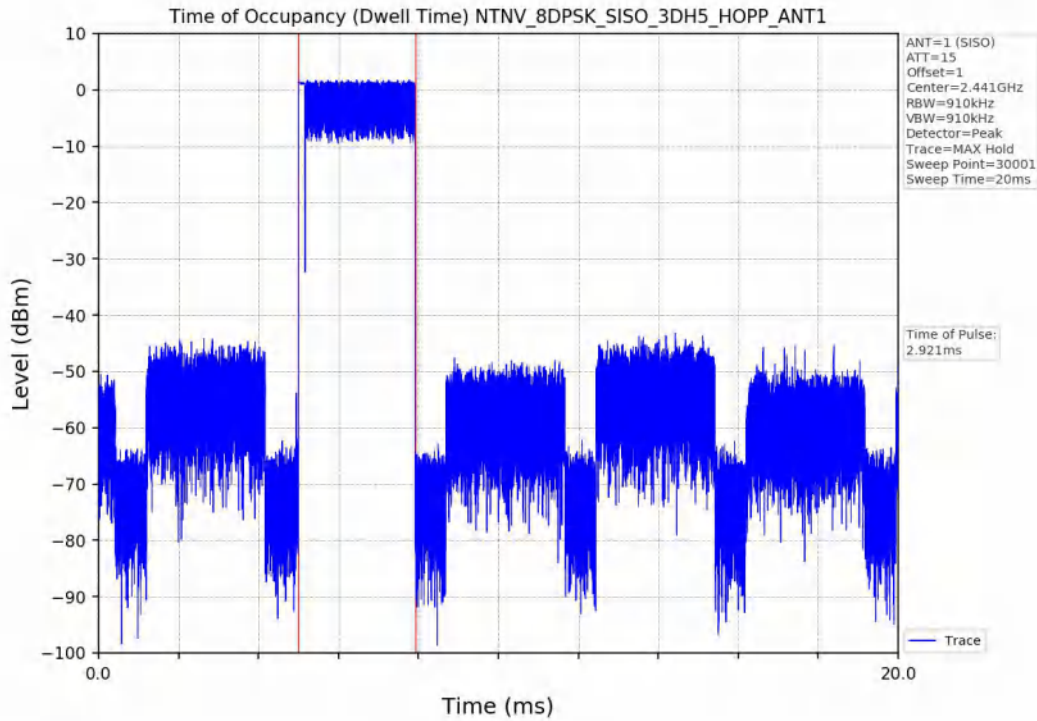












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-18.43	PASS
	2441	SISO	1	Refer to test graph	-18.43	PASS
	2480	SISO	1	Refer to test graph	-18.43	PASS
	Hopping	SISO	1	Refer to test graph	-18.43	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-18.40	PASS
	2441	SISO	1	Refer to test graph	-18.40	PASS
	2480	SISO	1	Refer to test graph	-18.40	PASS
	Hopping	SISO	1	Refer to test graph	-18.40	PASS
8DPSK	2402	SISO	1	Refer to test graph	-18.41	PASS
	2441	SISO	1	Refer to test graph	-18.41	PASS
	2480	SISO	1	Refer to test graph	-18.41	PASS
	Hopping	SISO	1	Refer to test graph	-18.41	PASS

6.2 Test Graph

