

Appendix for 15.247

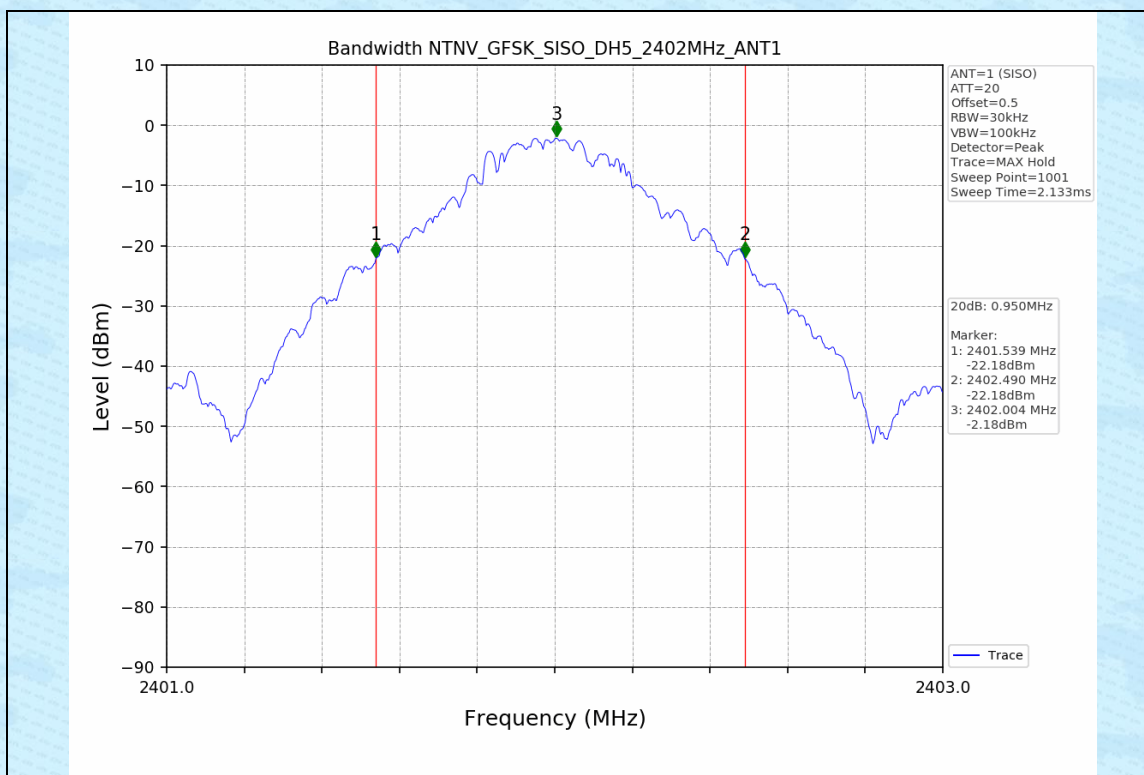
1. Bandwidth

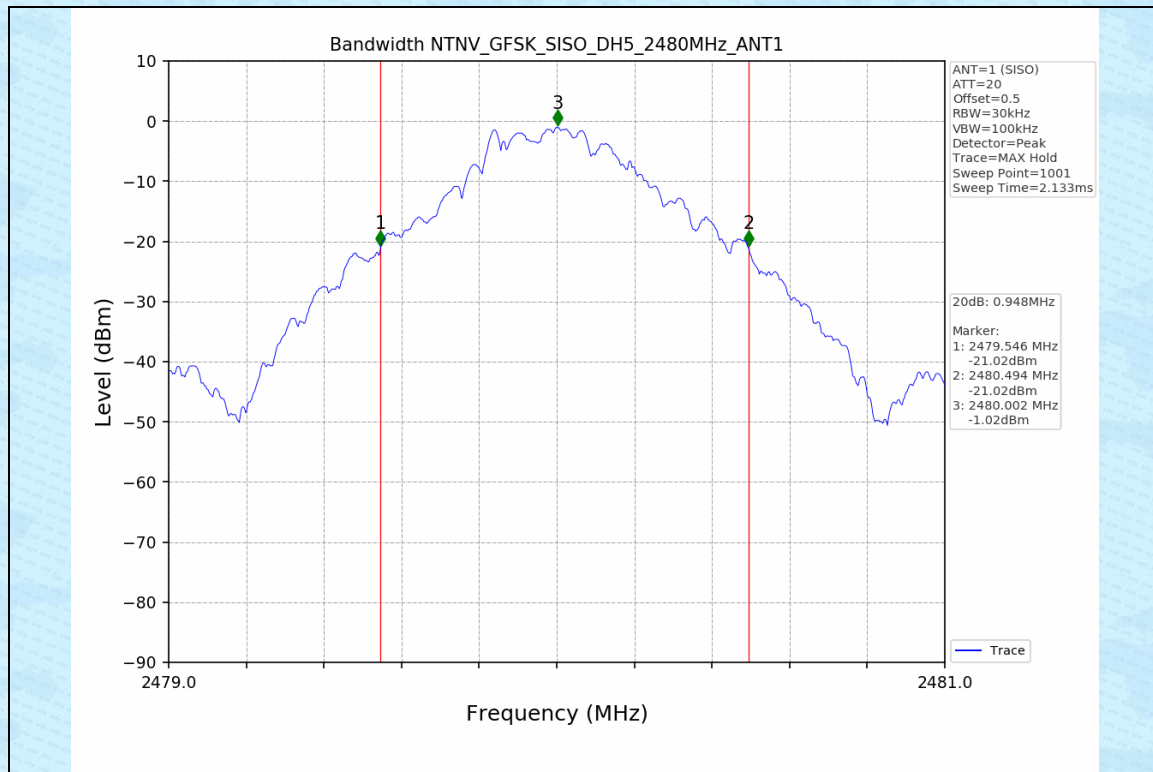
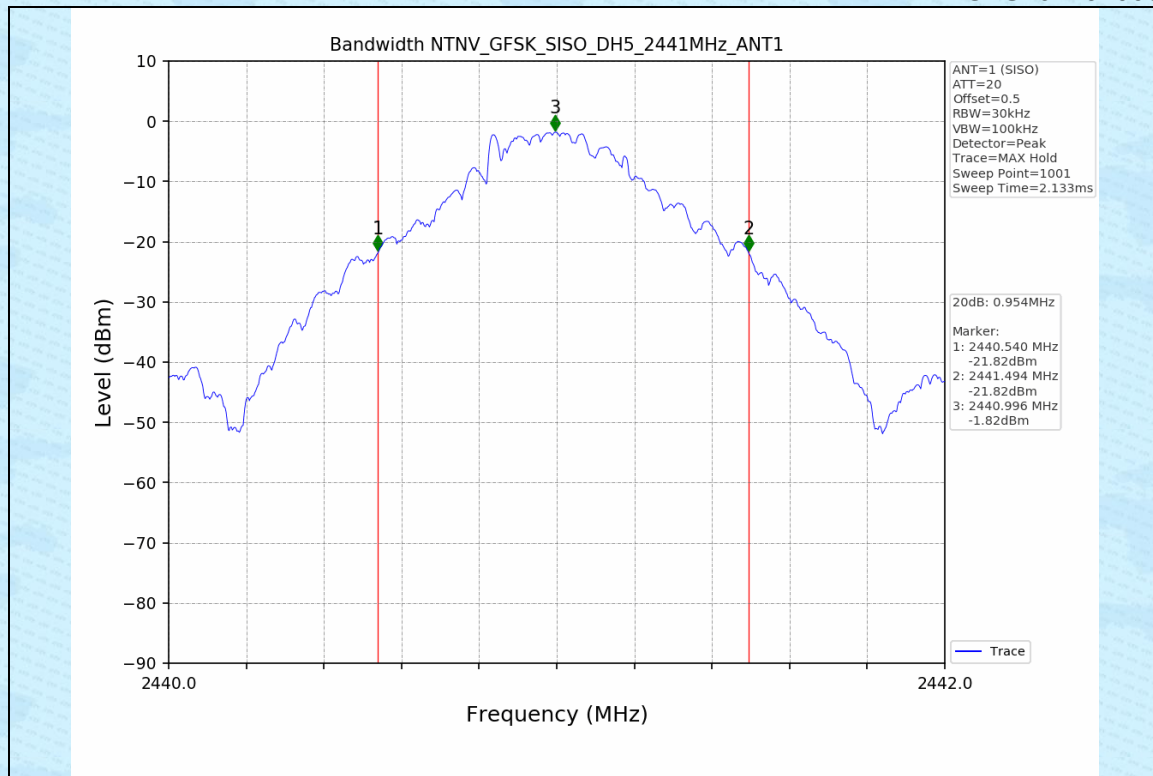
1.1 Test Result

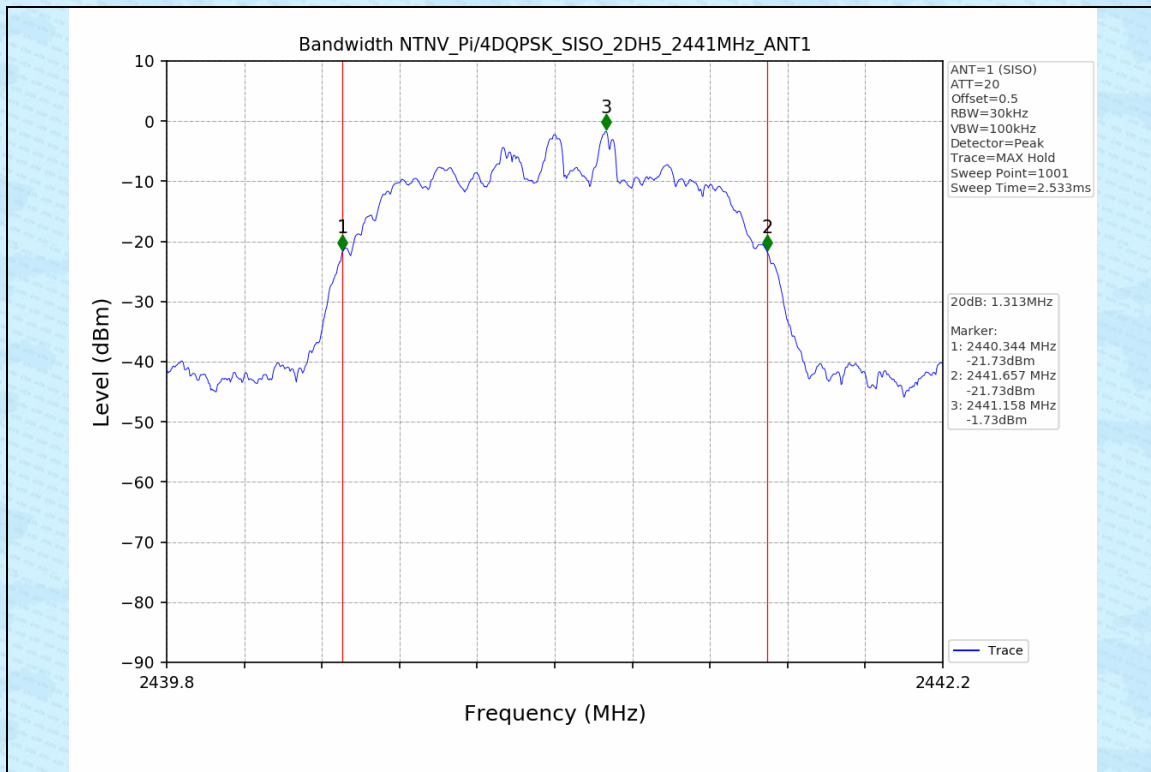
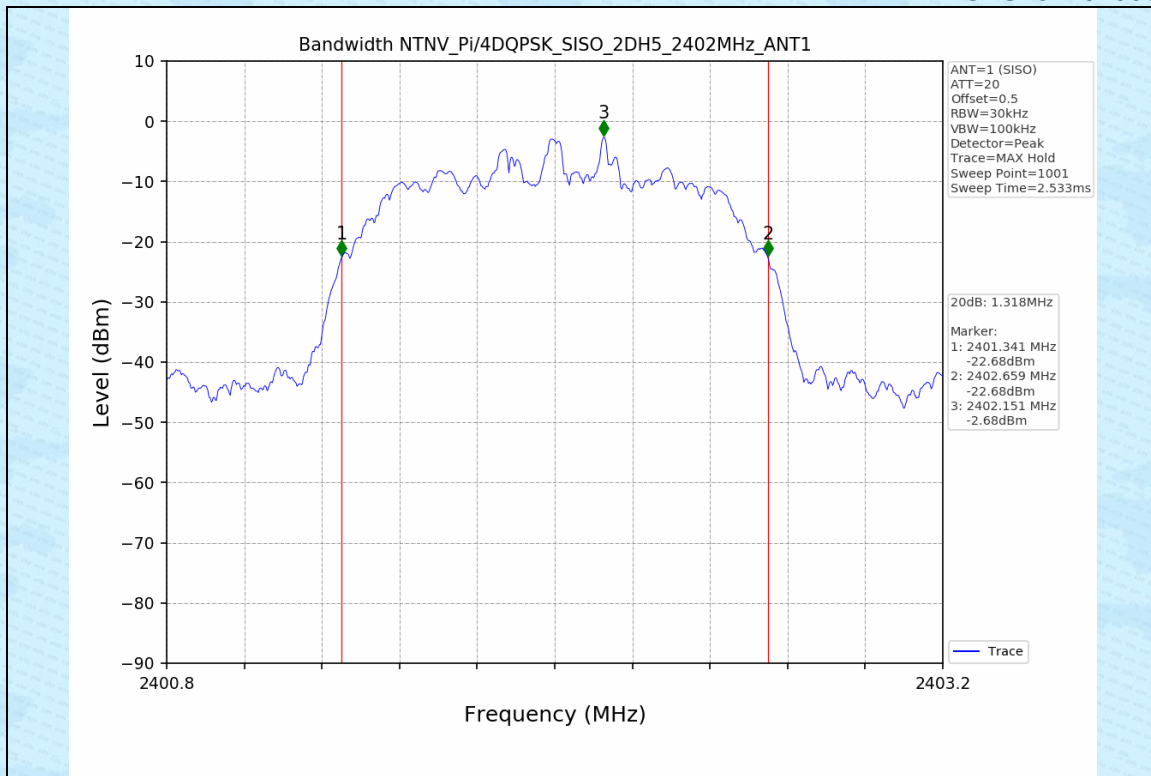
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.950	PASS
	2441	SISO	1	0.954	PASS
	2480	SISO	1	0.948	PASS
Pi/4DQPSK	2402	SISO	1	1.318	PASS
	2441	SISO	1	1.313	PASS
	2480	SISO	1	1.309	PASS

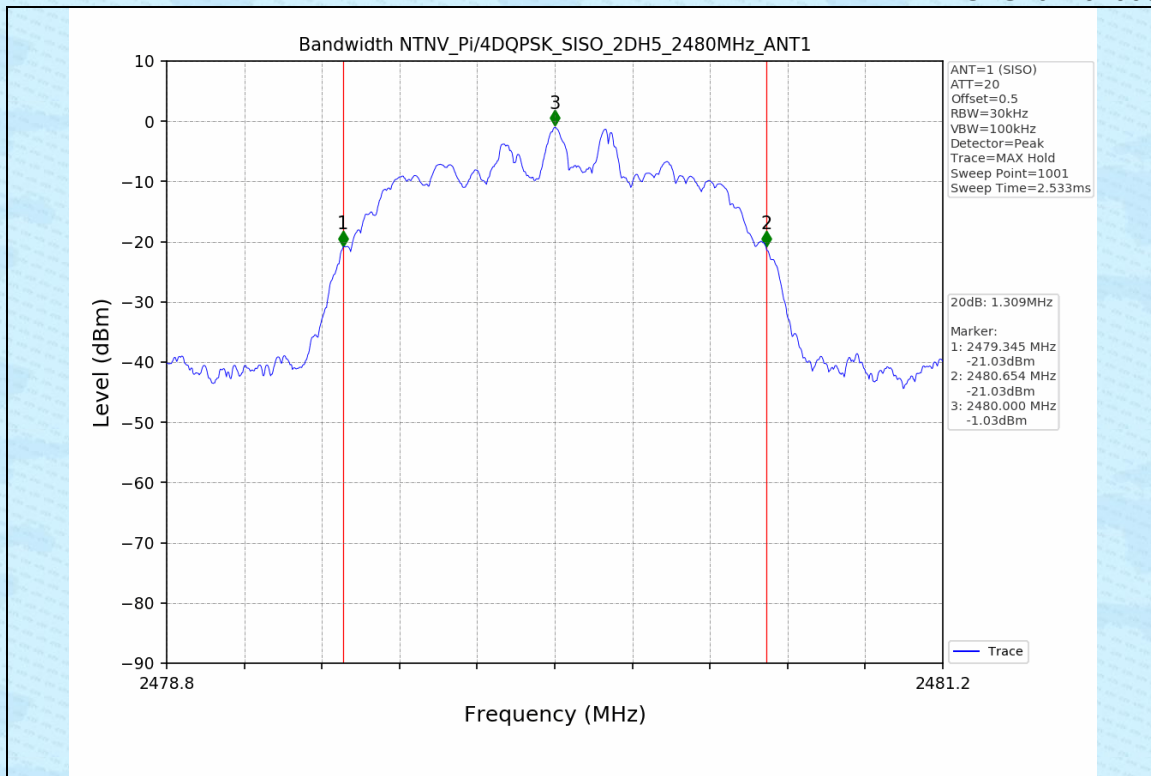
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.843	Only for Report Use
	2441	SISO	1	0.841	Only for Report Use
	2480	SISO	1	0.848	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.177	Only for Report Use
	2441	SISO	1	1.173	Only for Report Use
	2480	SISO	1	1.179	Only for Report Use

1.2 Test Graph - 20dB Bandwidth

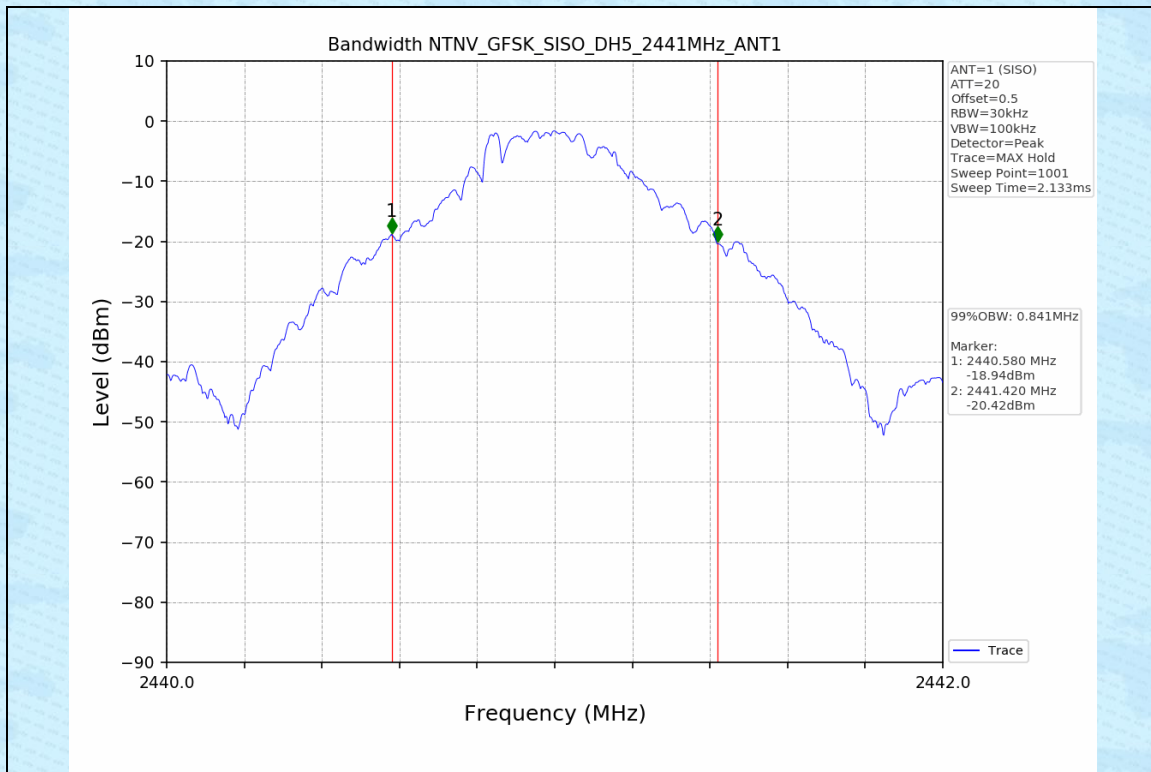
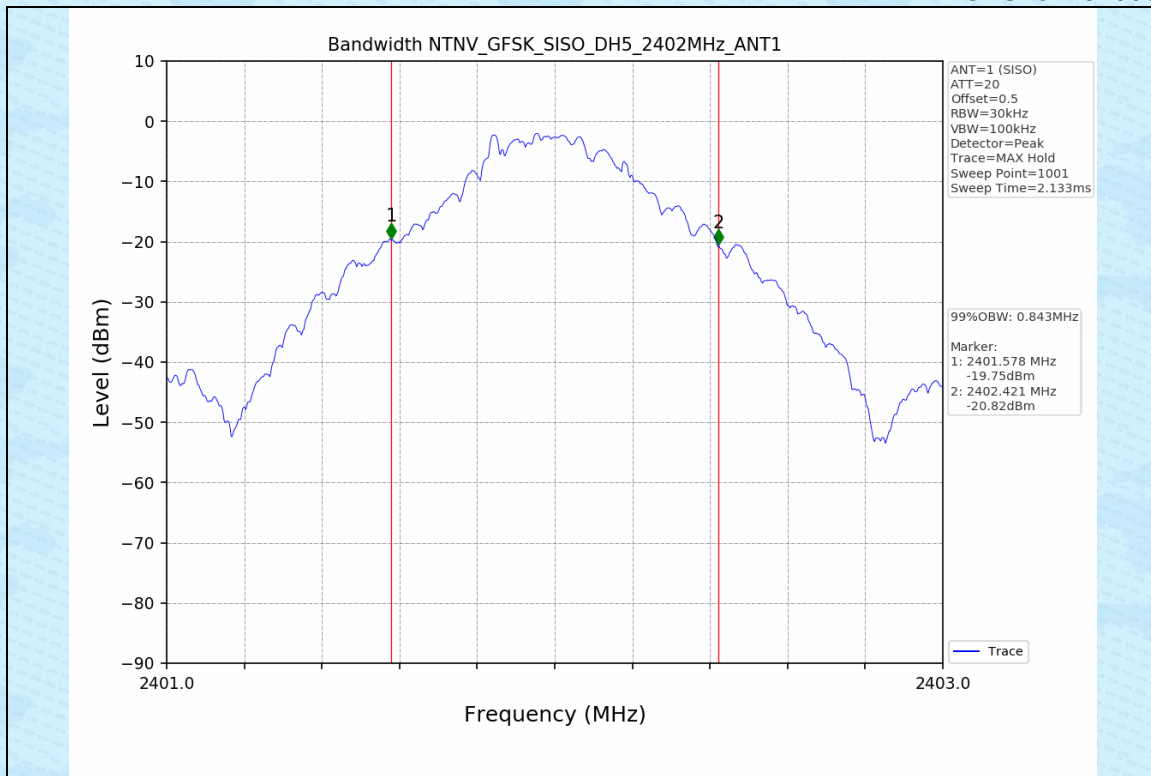


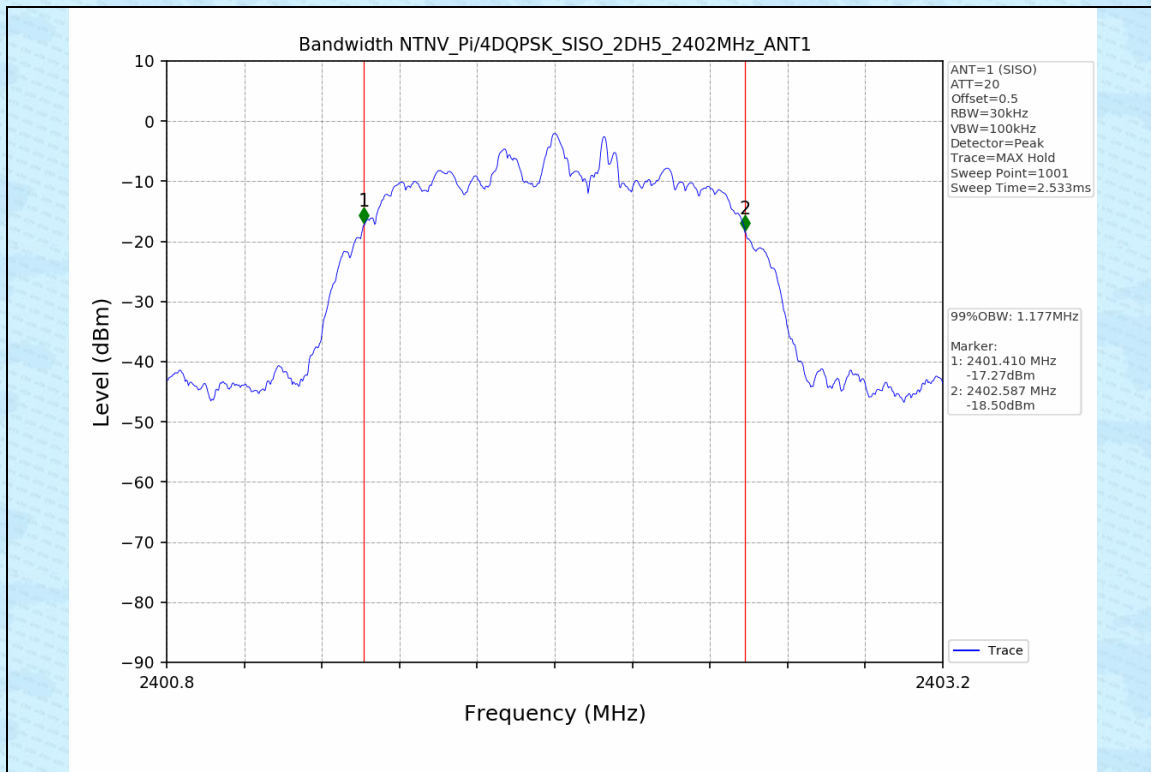
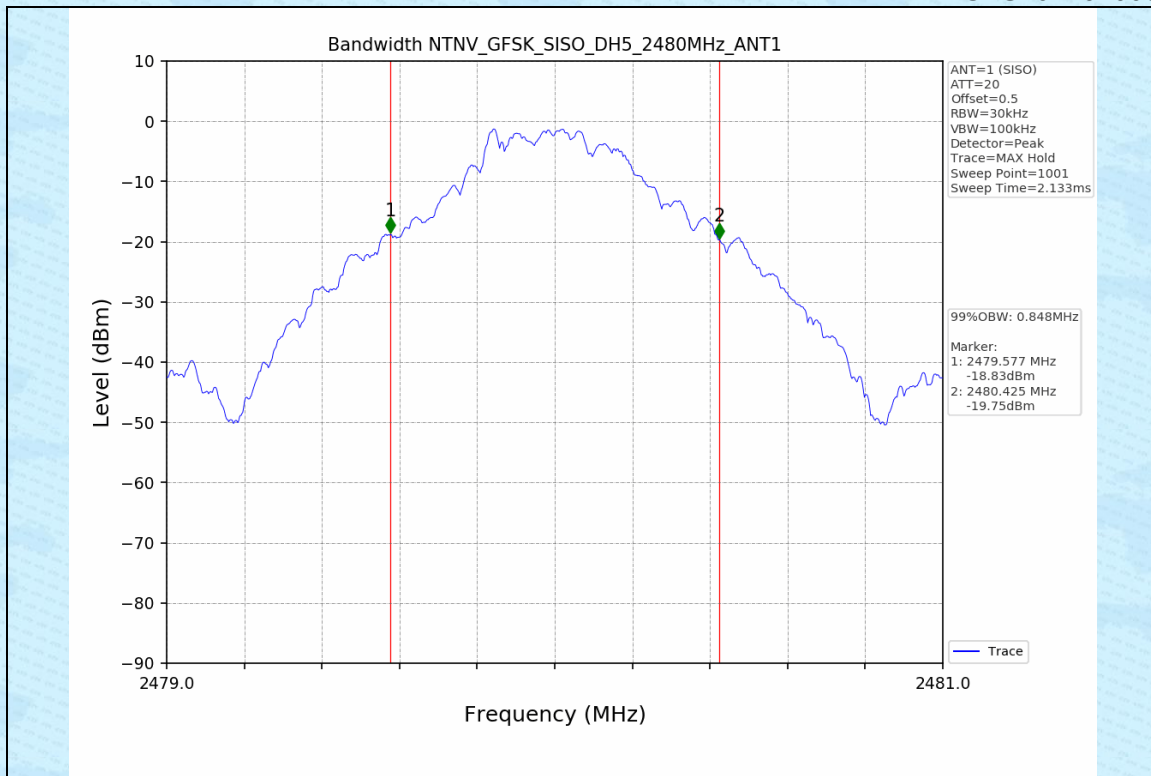


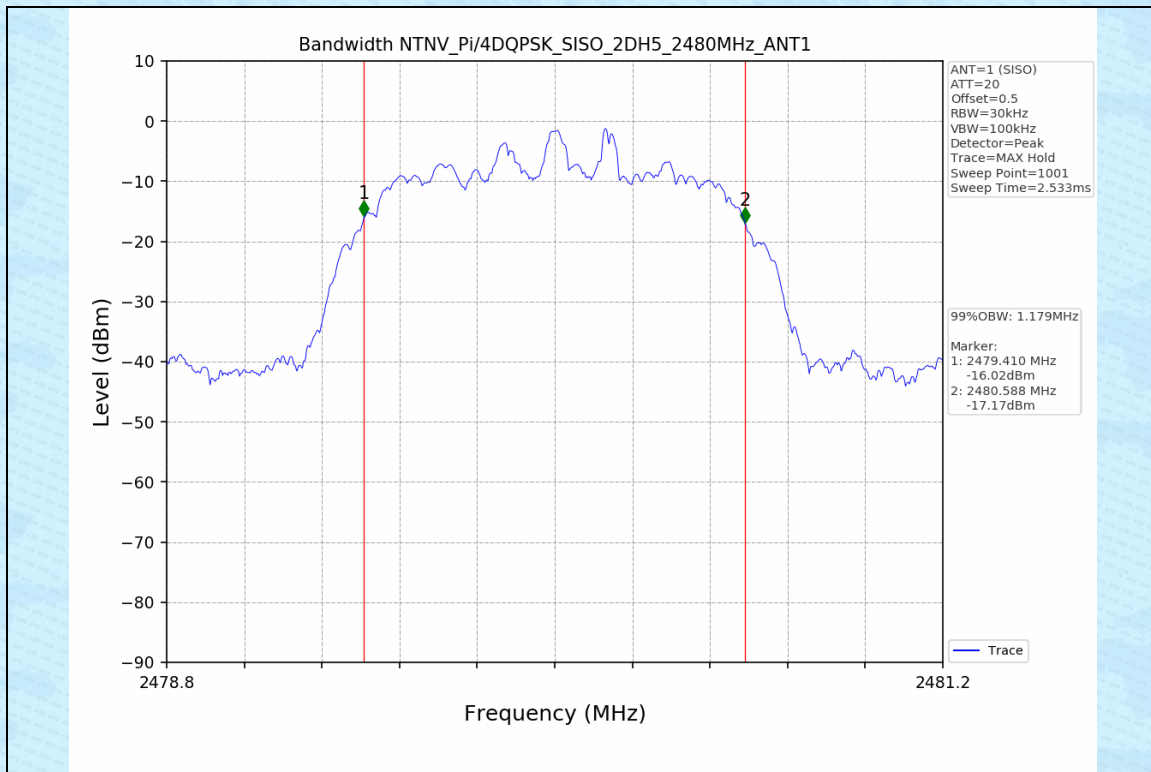
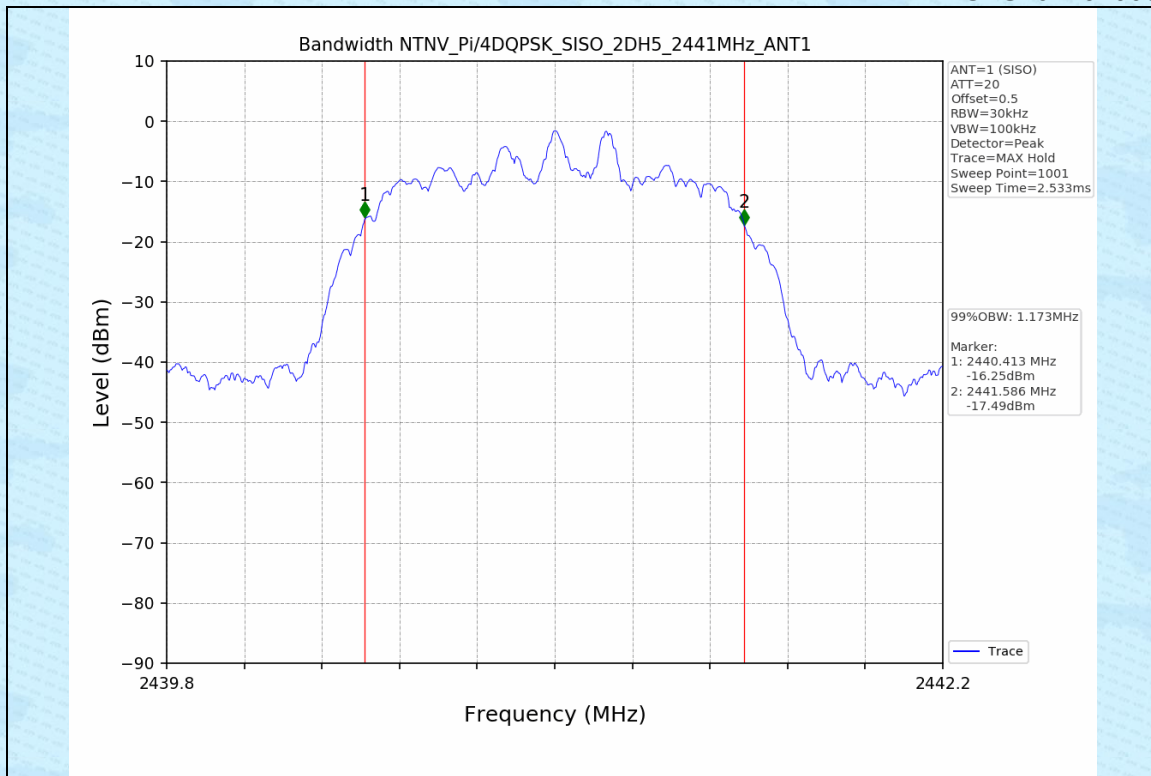




1.3 Test Graph - 99% Occupied Bandwidth





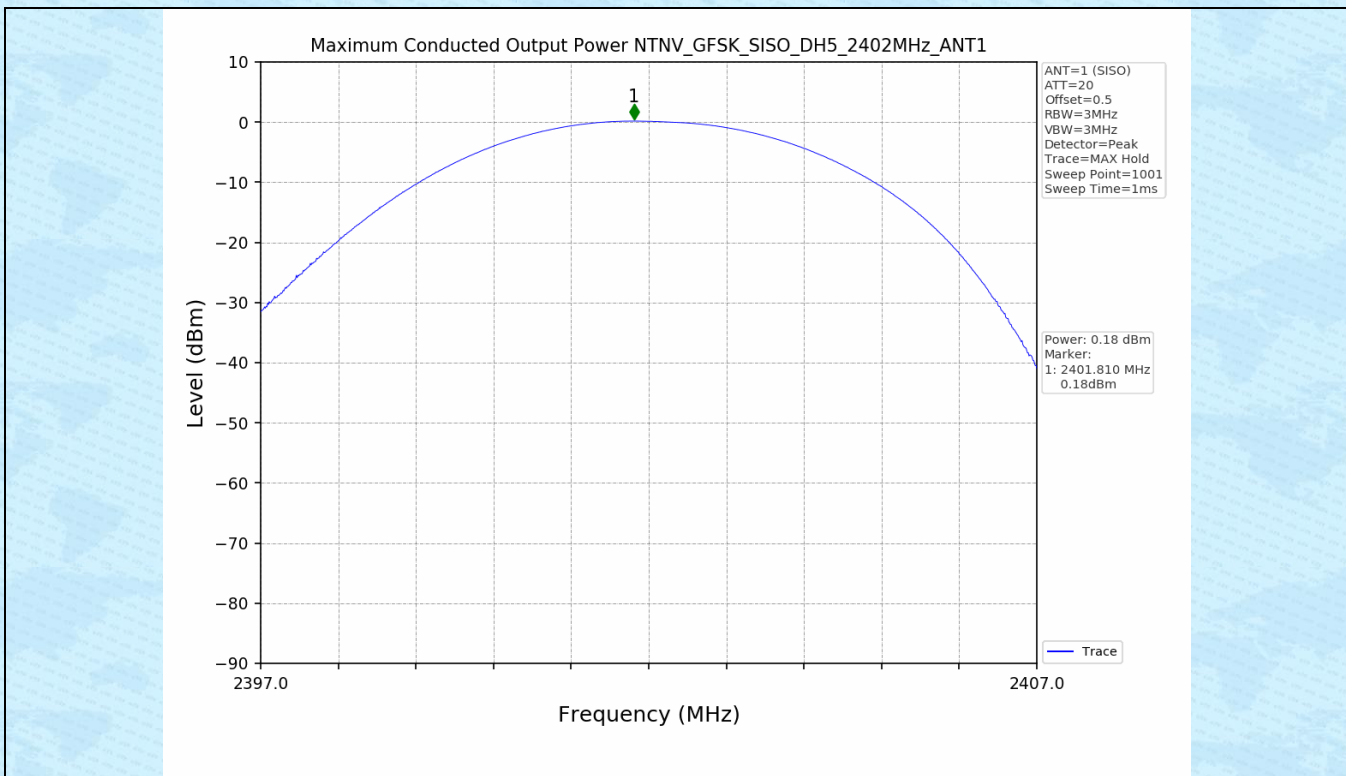


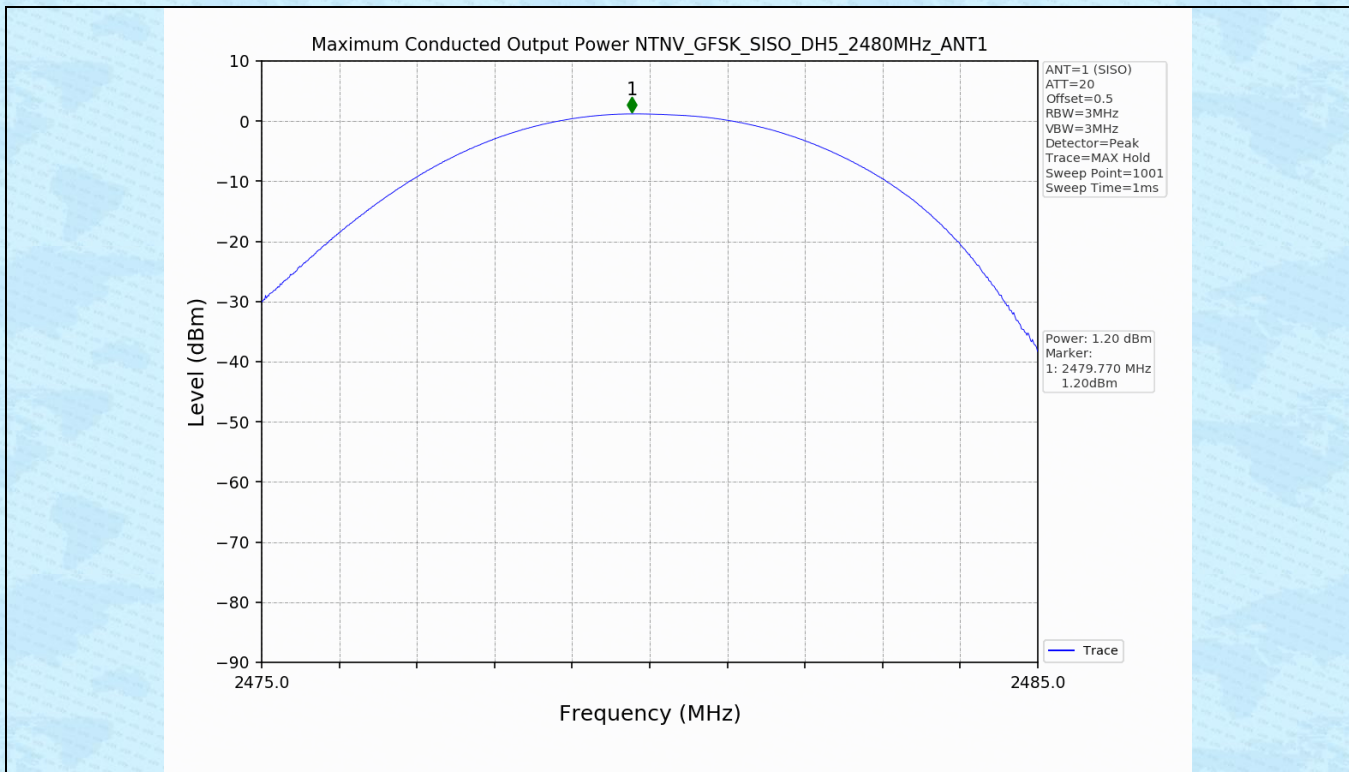
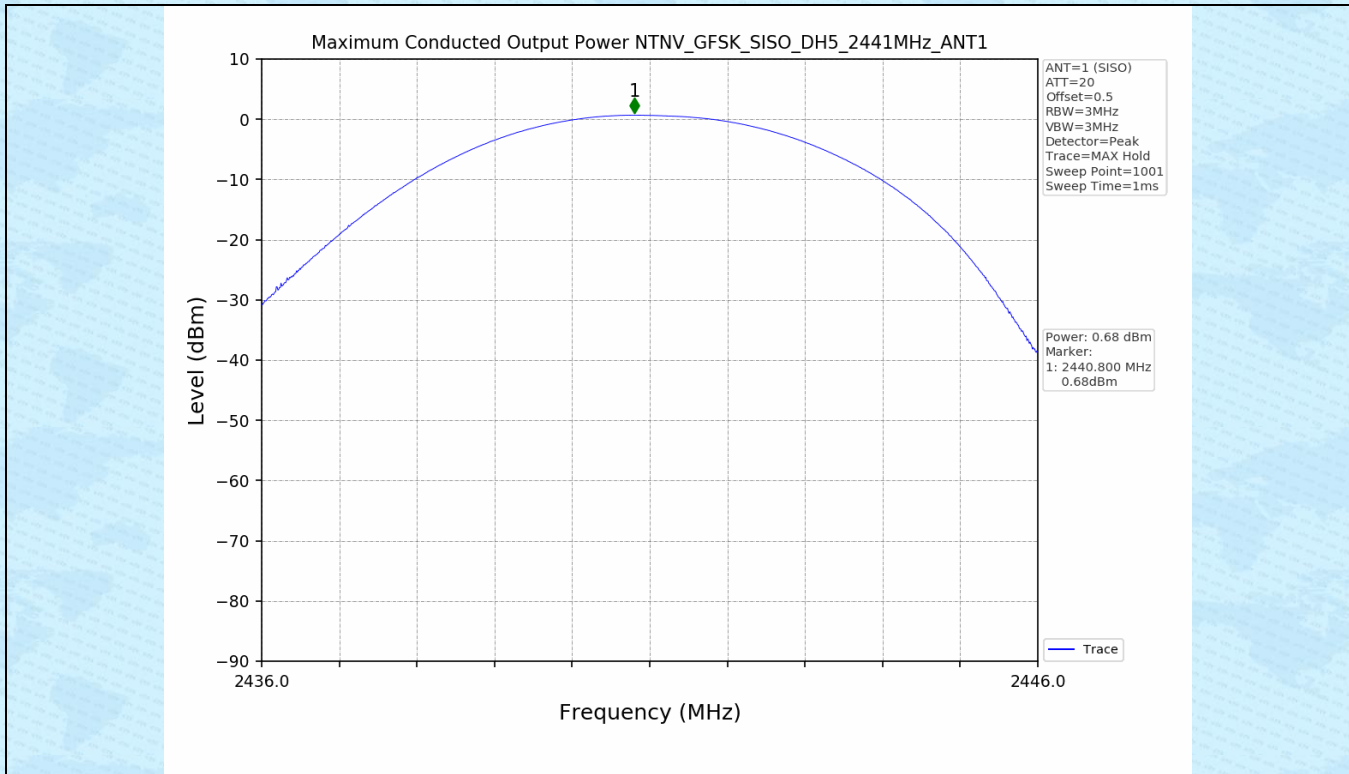
2. Maximum Conducted Output Power

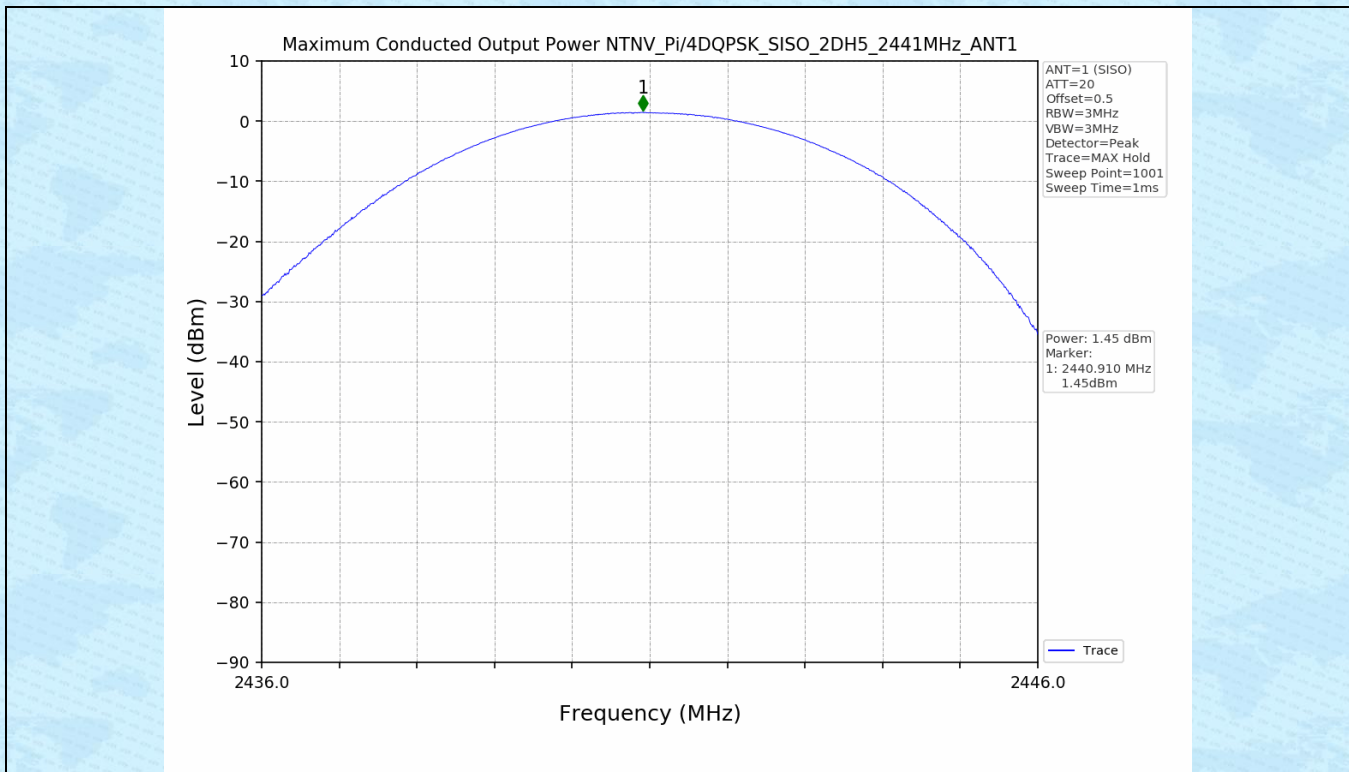
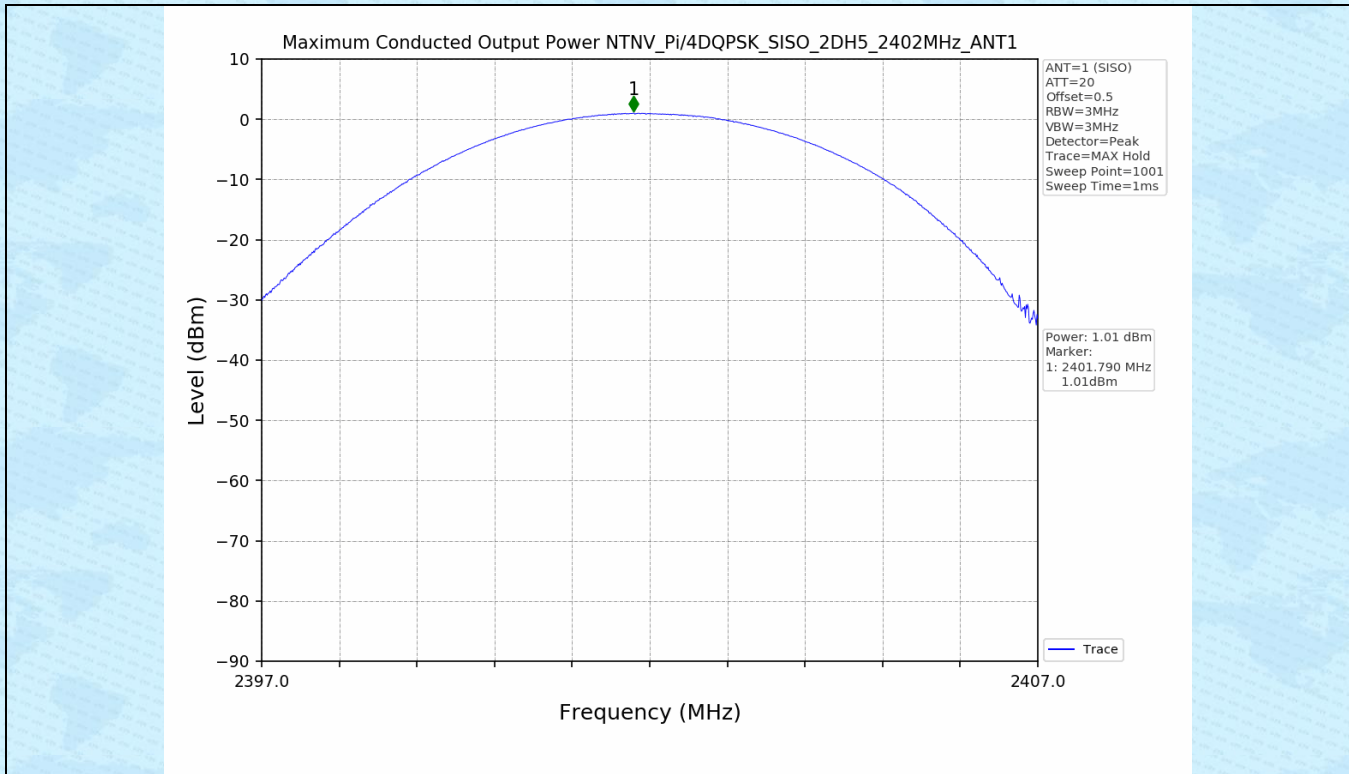
2.1 Test Result

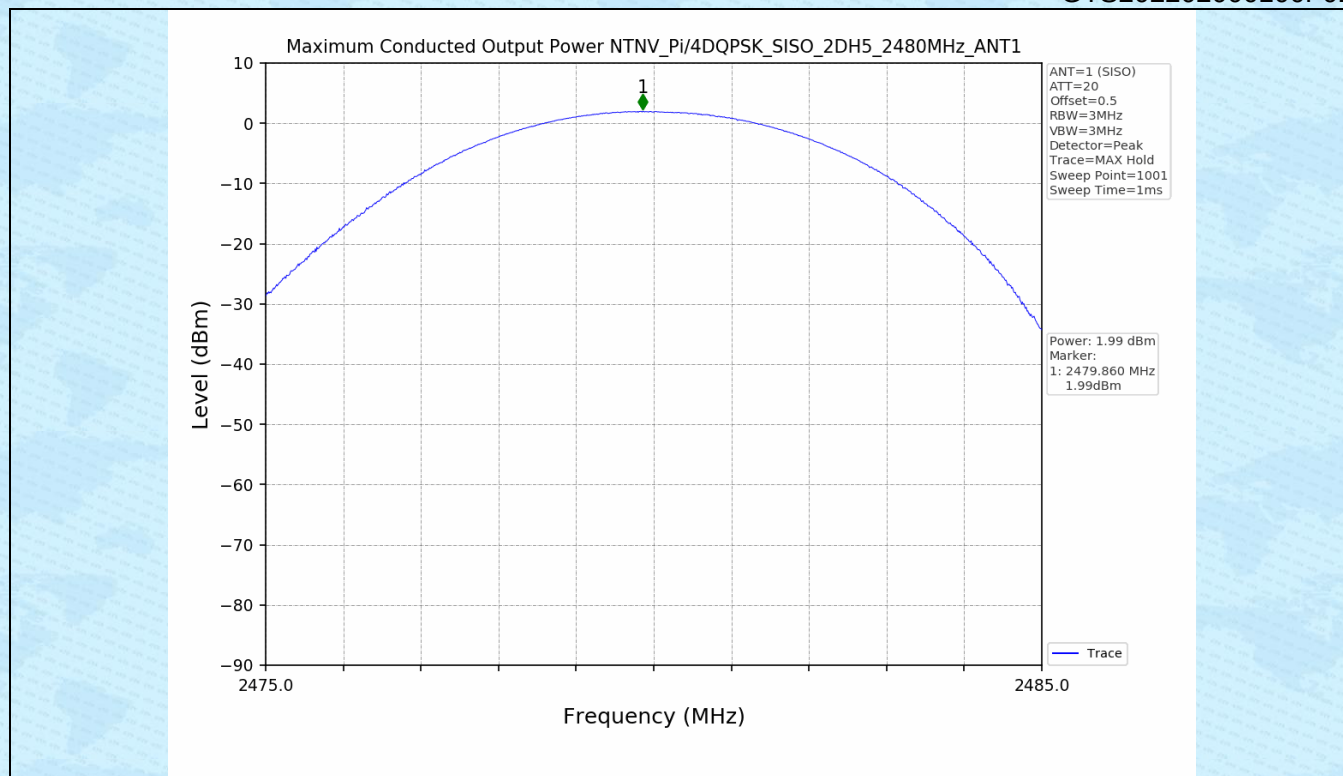
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	0.18	30	PASS
	2441	SISO	0.68	30	PASS
	2480	SISO	1.20	30	PASS
Pi/4DQPSK	2402	SISO	1.01	20.97	PASS
	2441	SISO	1.45	20.97	PASS
	2480	SISO	1.99	20.97	PASS

2.2 Test Graph







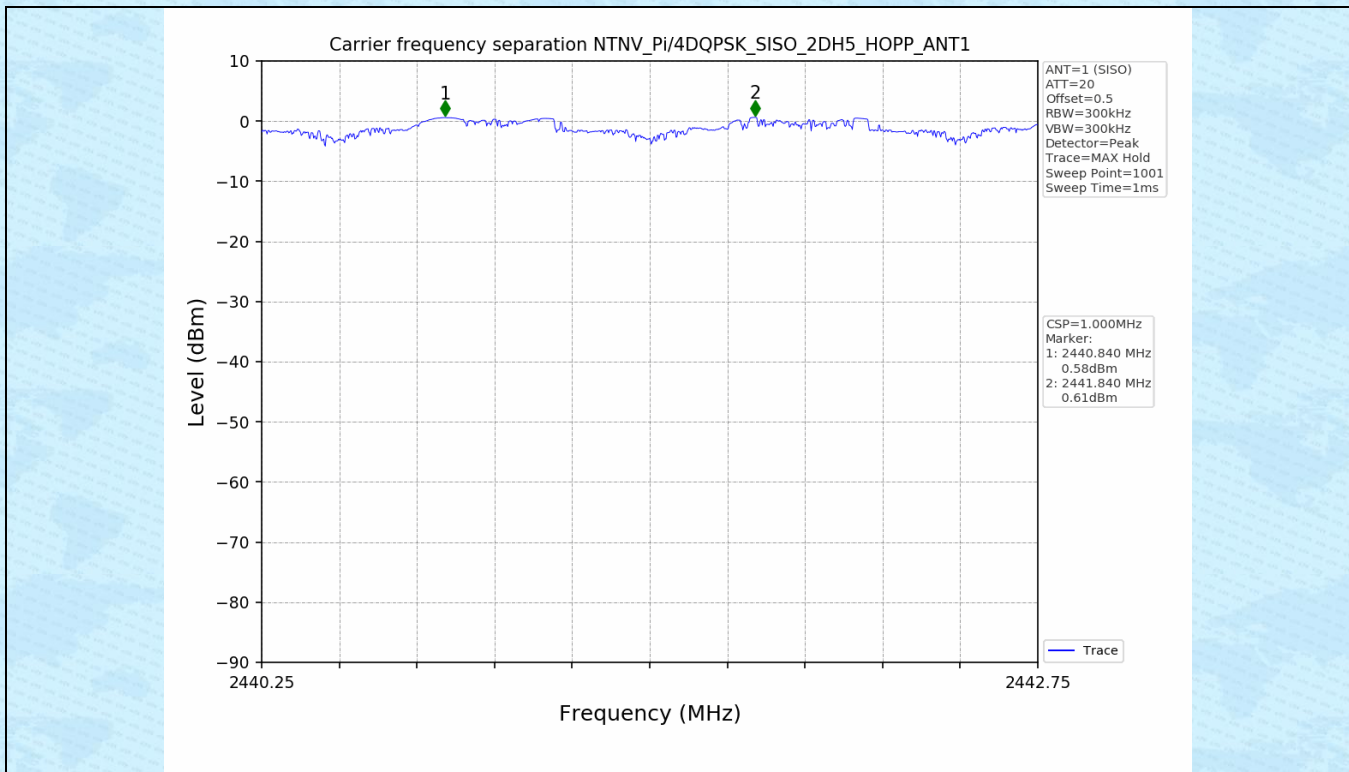
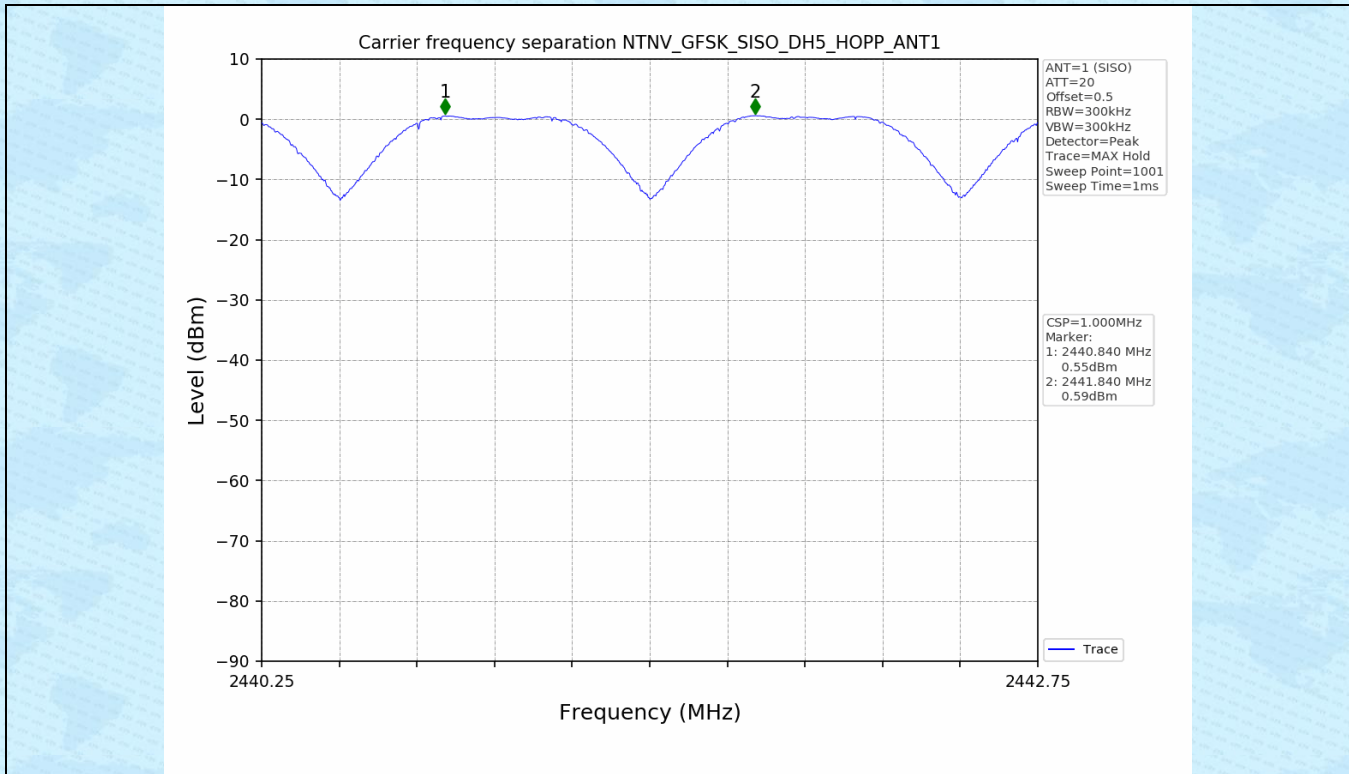


3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	0.954	≥ 0.954	PASS
Pi/4DQPSK	SISO	1	1.000	1.318	≥ 0.879	PASS

3.2 Test Graph

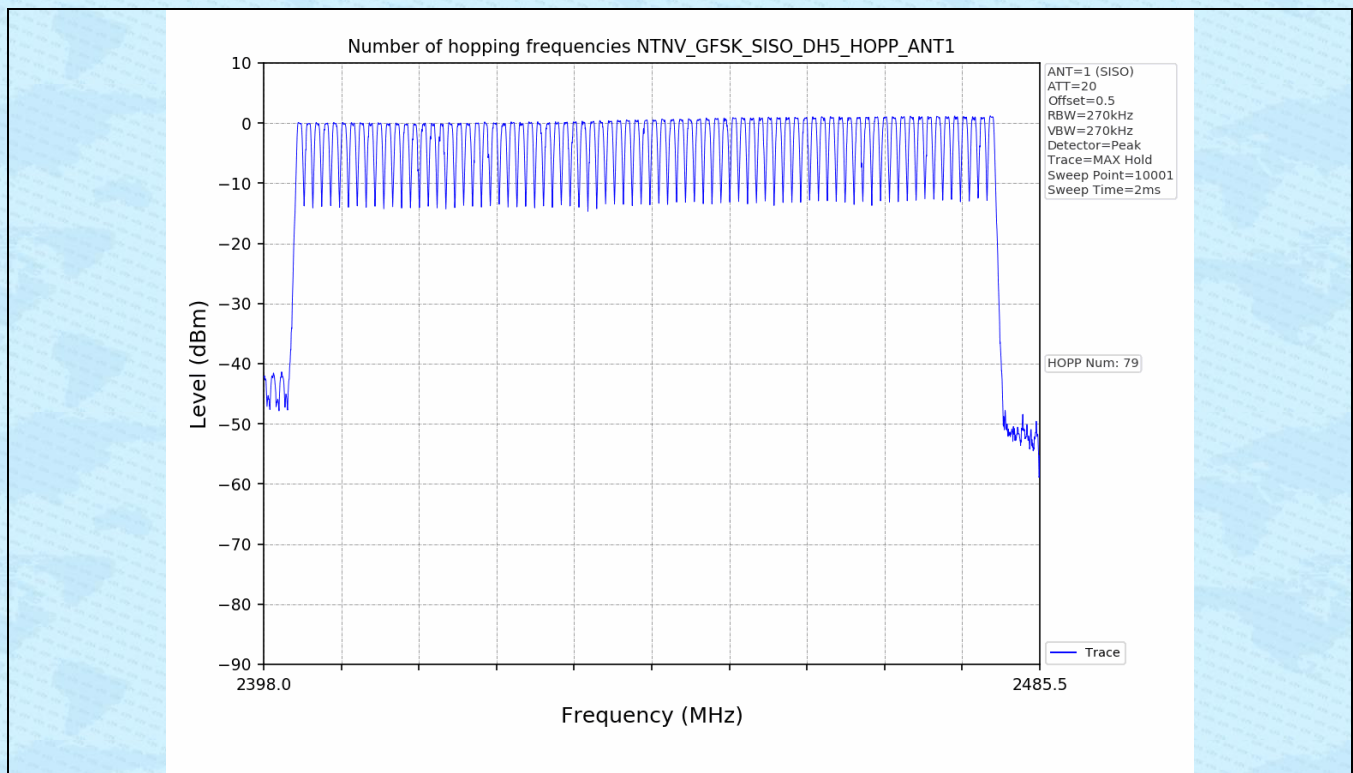


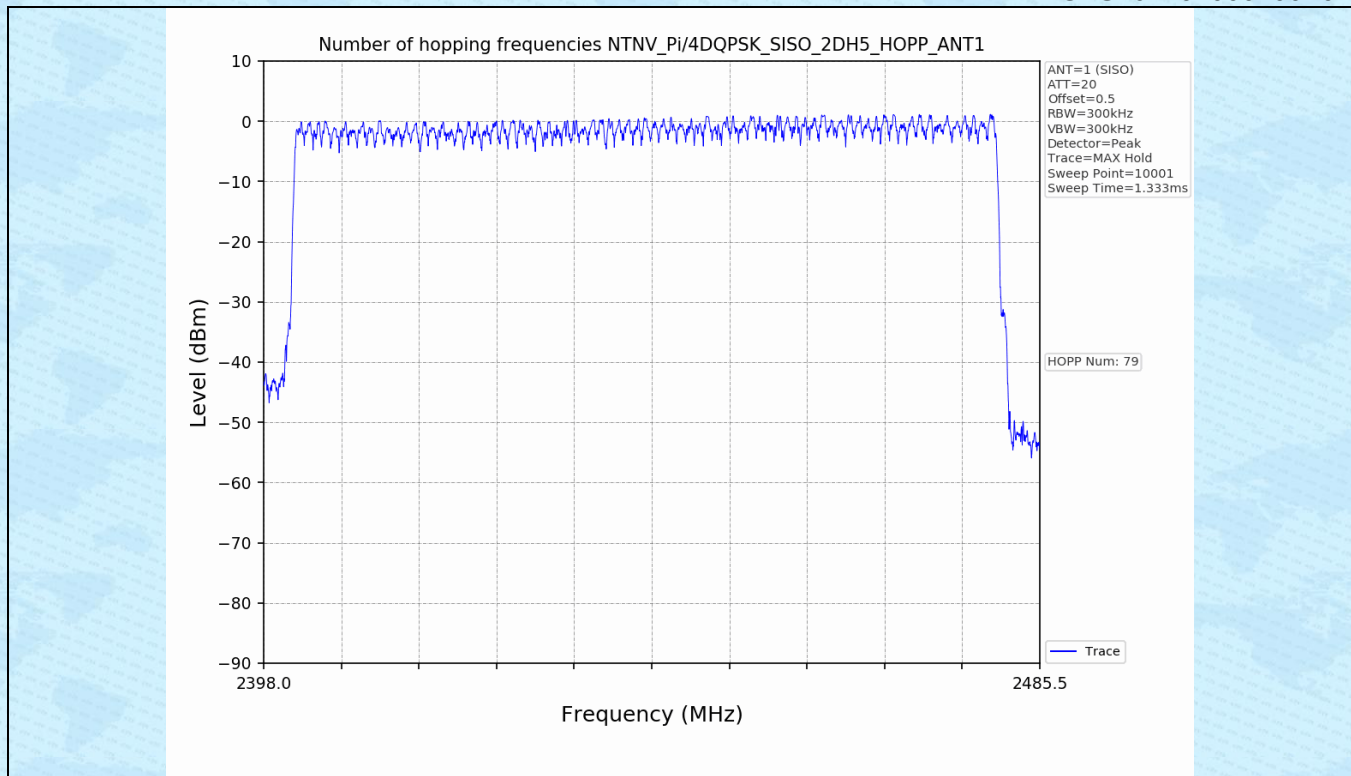
4. Number of hopping frequencies

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

4.2 Test Graph



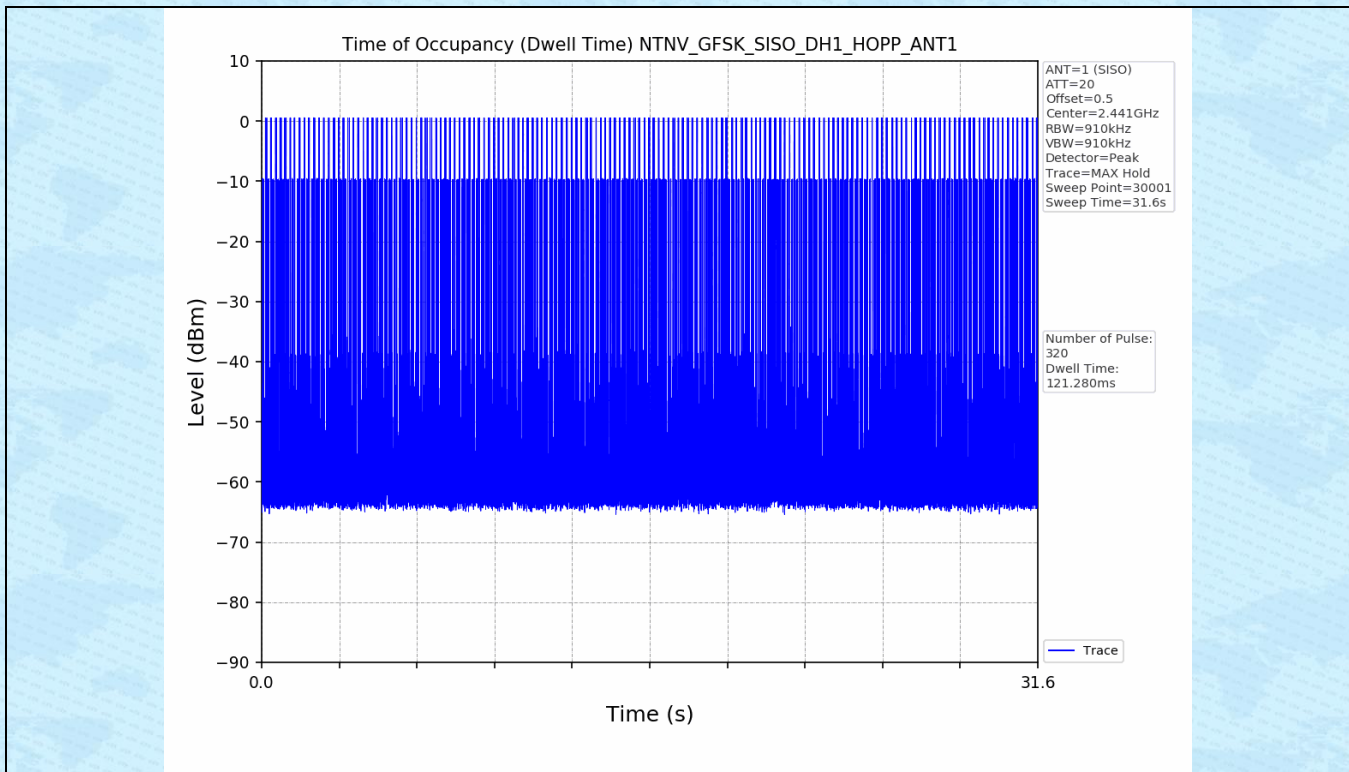
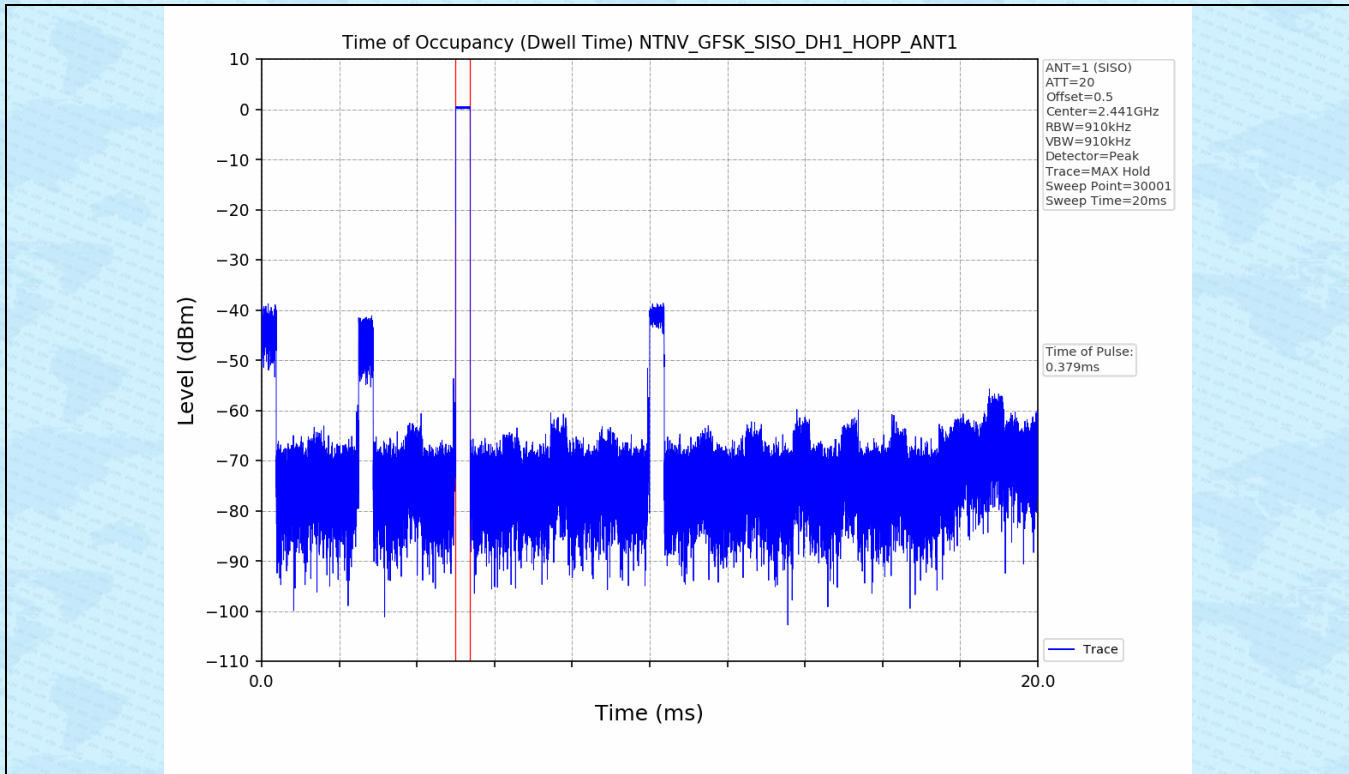


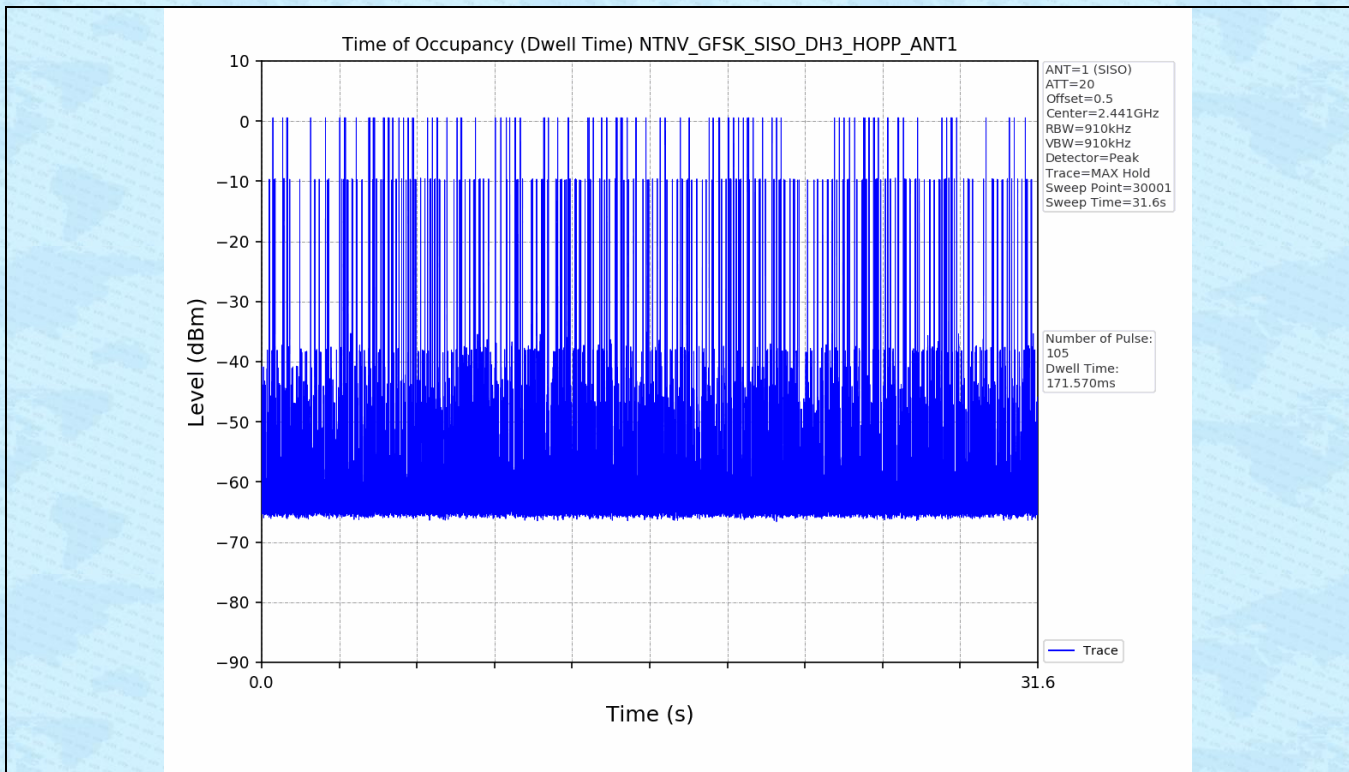
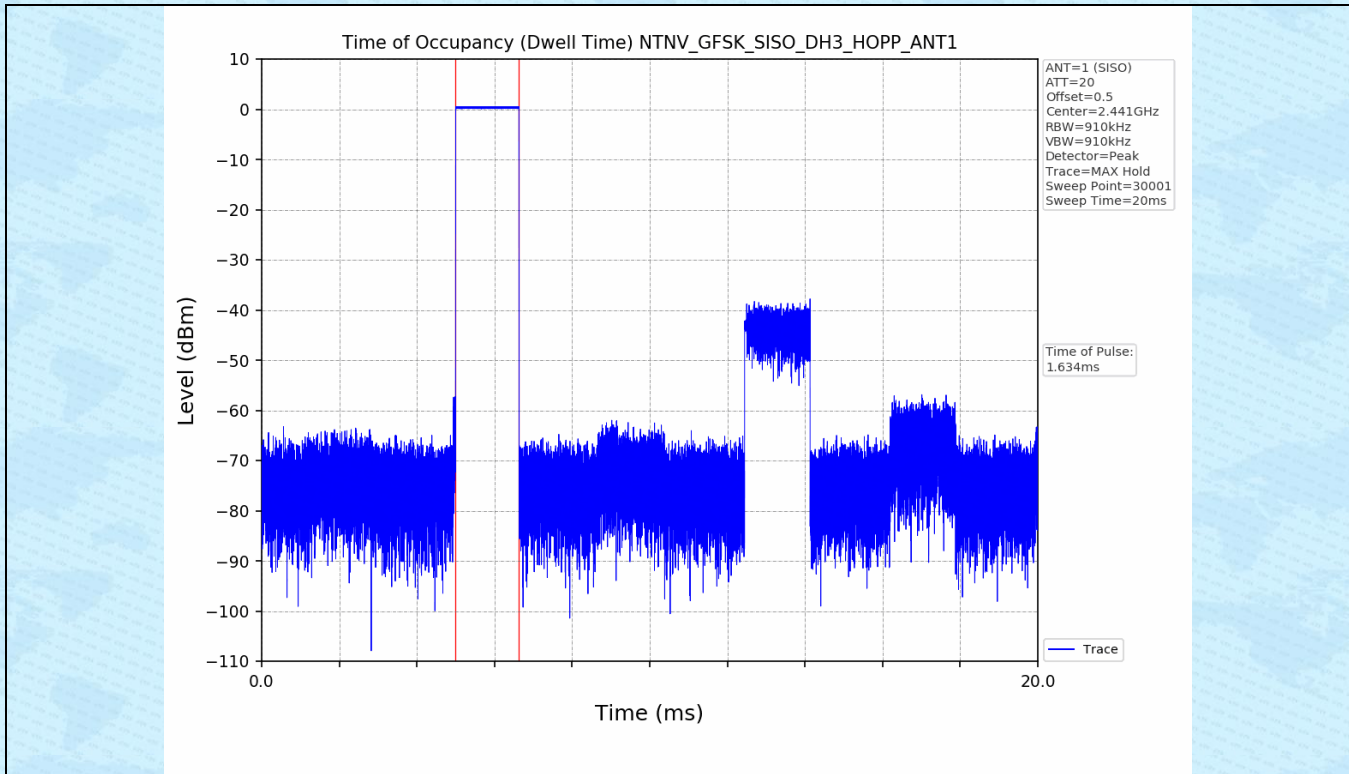
5. Time of Occupancy (Dwell Time)

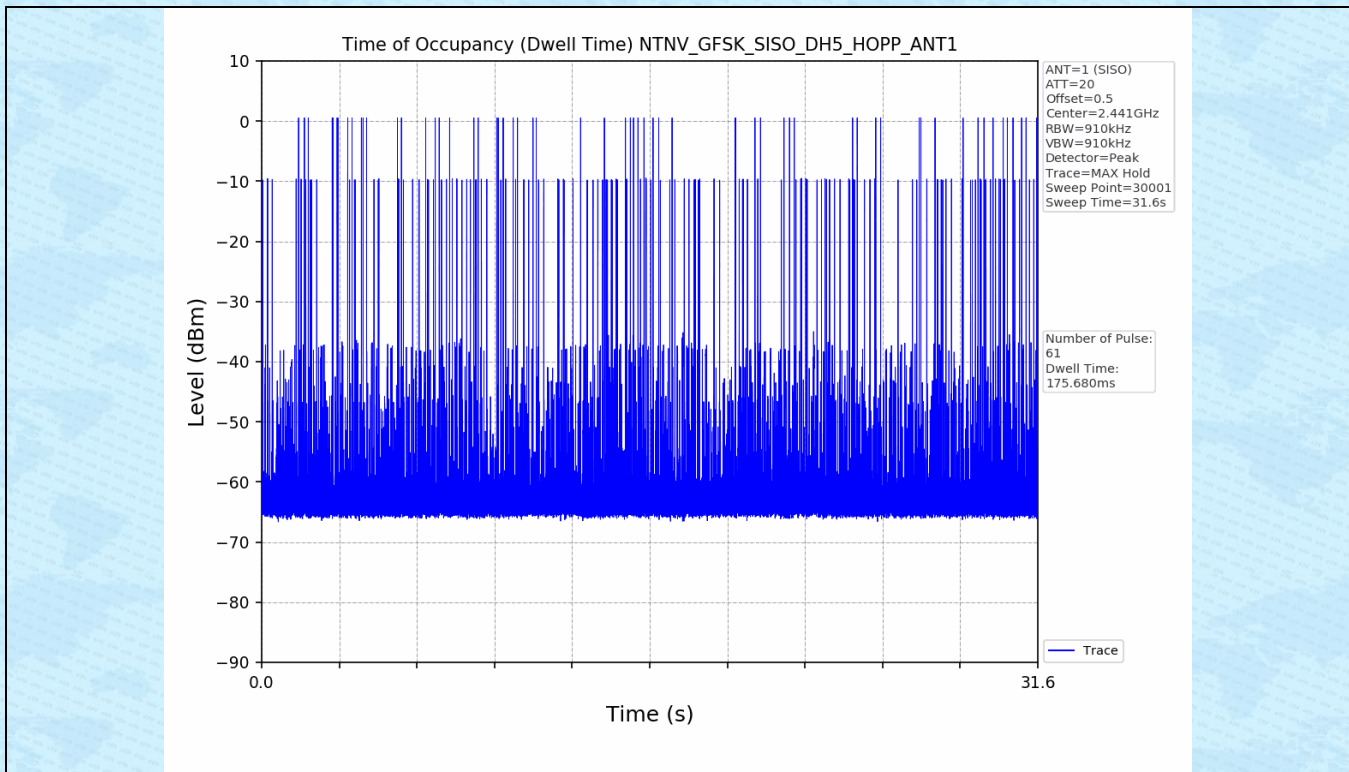
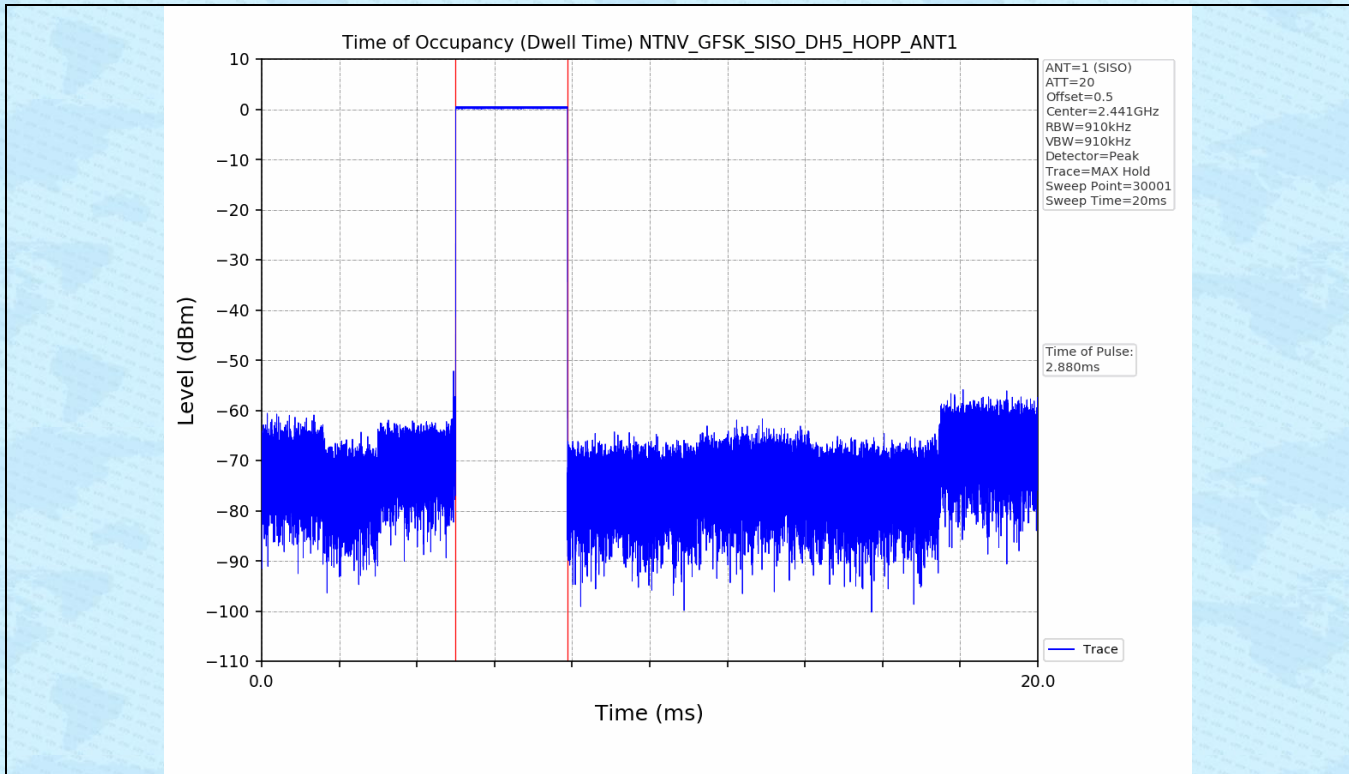
5.1 Test Result

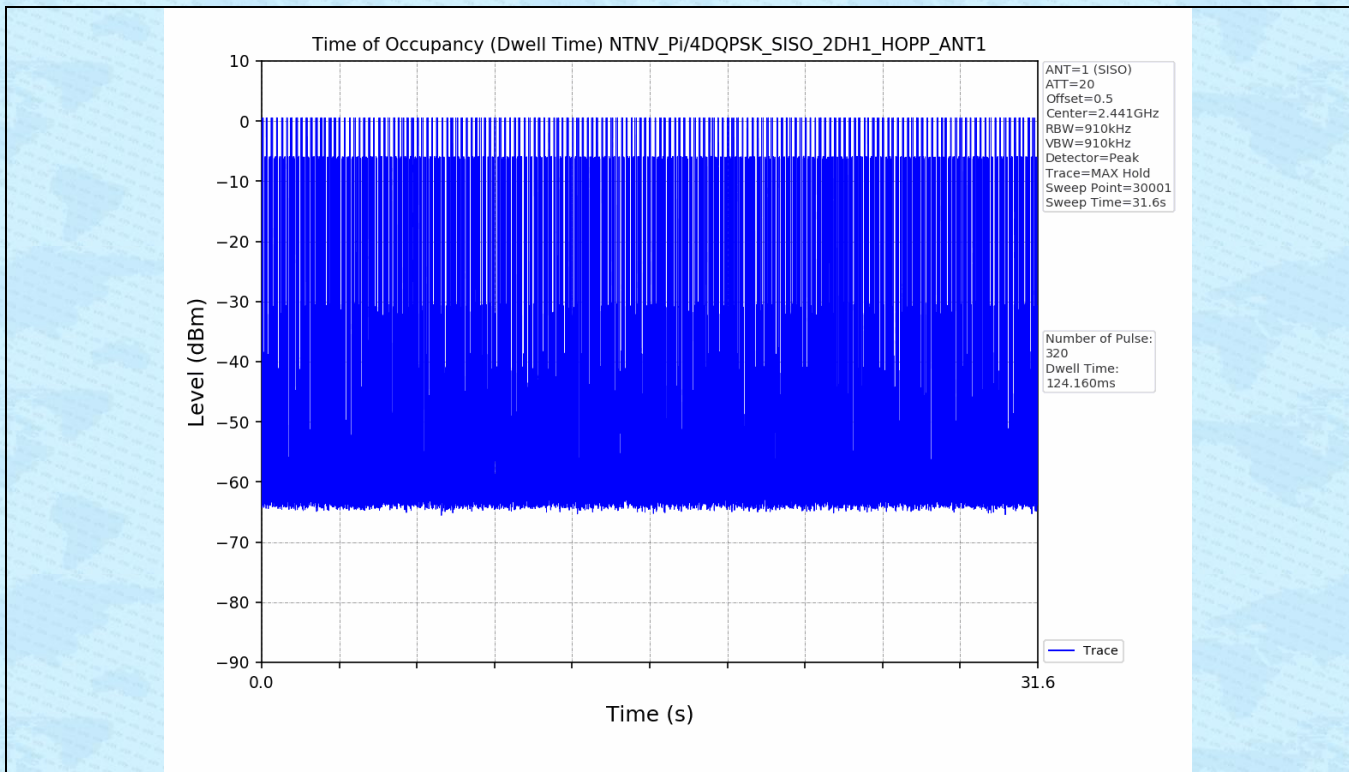
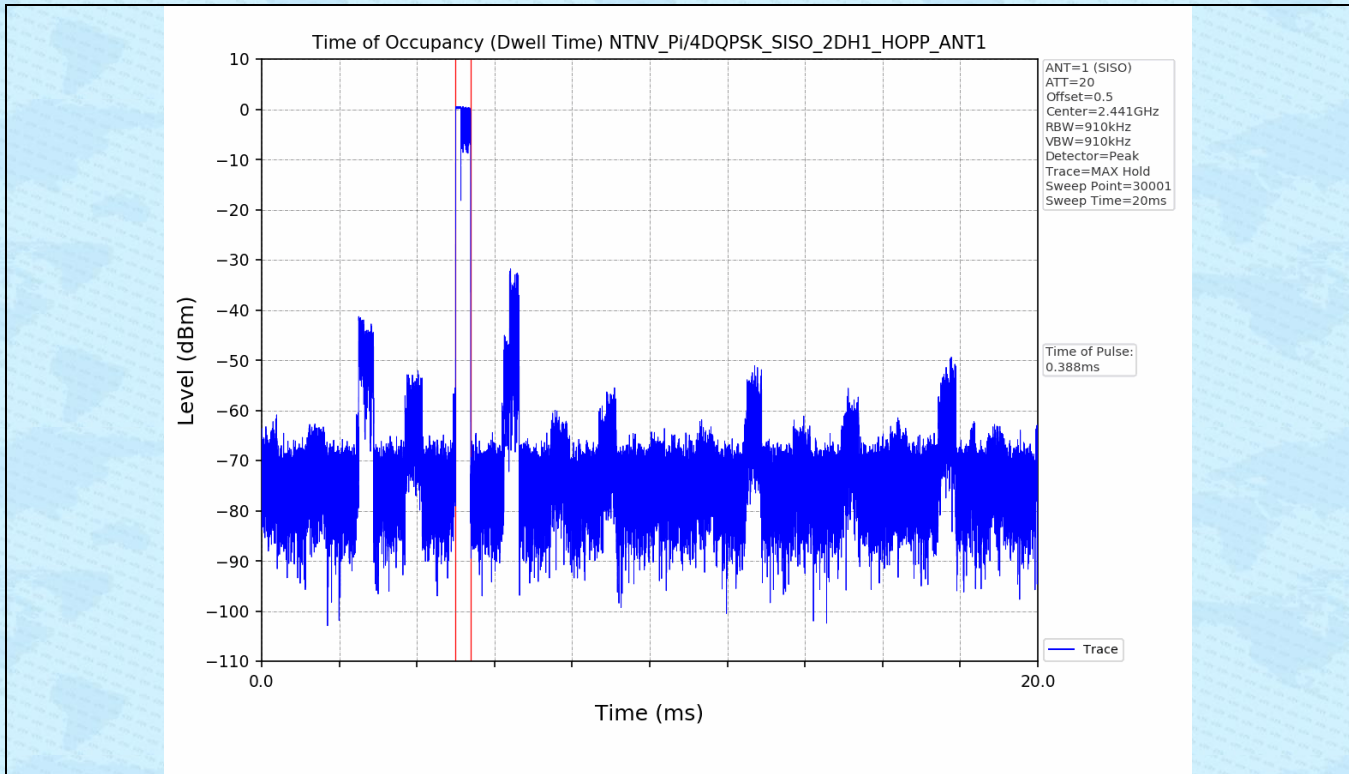
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.379	31.6	320	121.280	≤400	PASS
	DH3	SISO	1	1.634	31.6	105	171.570	≤400	PASS
	DH5	SISO	1	2.880	31.6	61	175.680	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.388	31.6	320	124.160	≤400	PASS
	2DH3	SISO	1	1.641	31.6	110	180.510	≤400	PASS
	2DH5	SISO	1	2.888	31.6	60	173.280	≤400	PASS

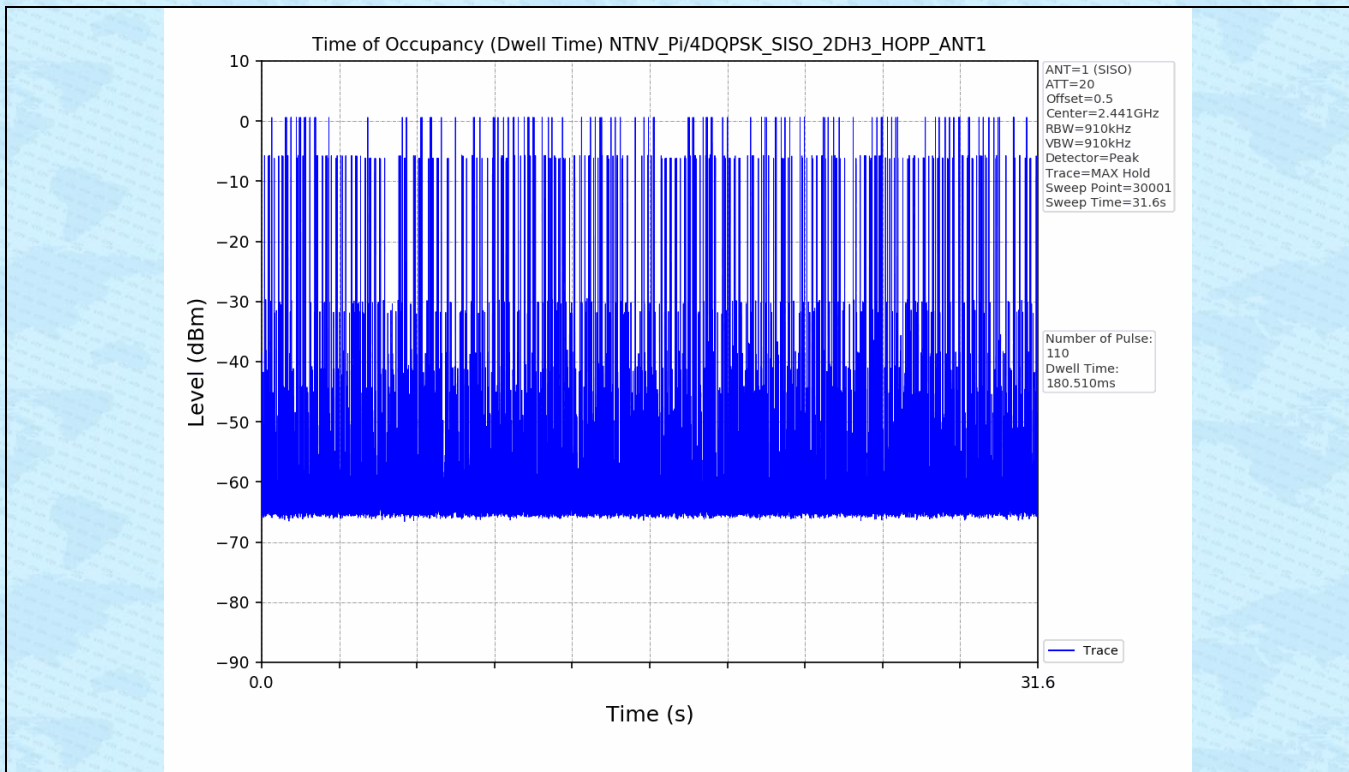
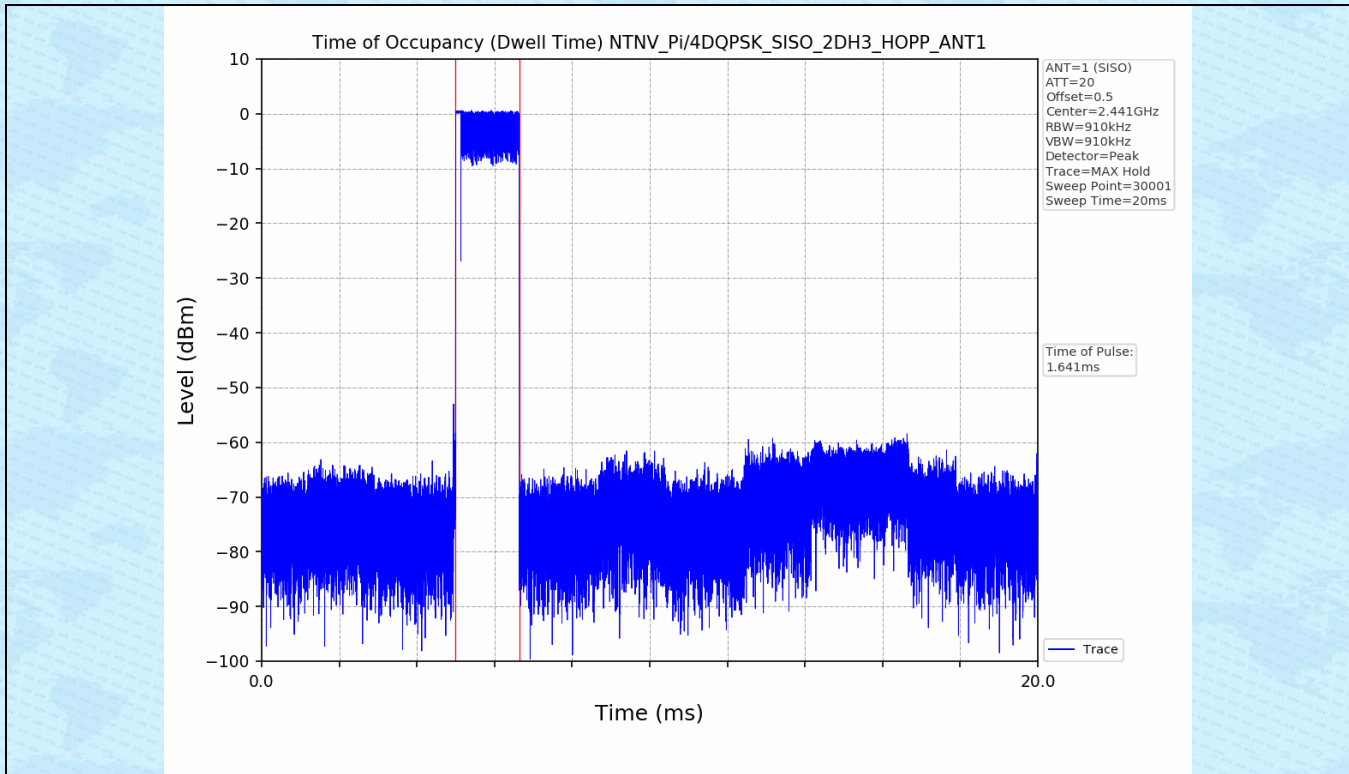
5.2 Test Graph

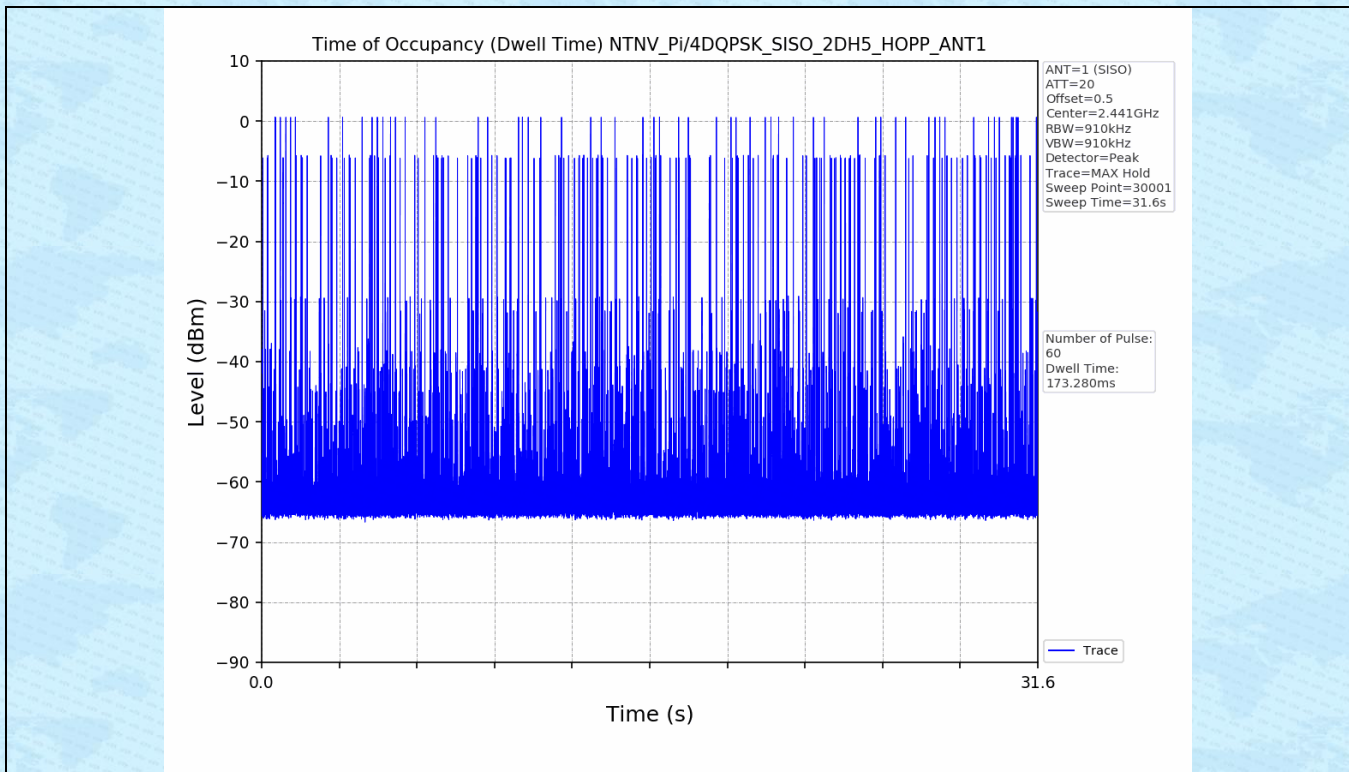
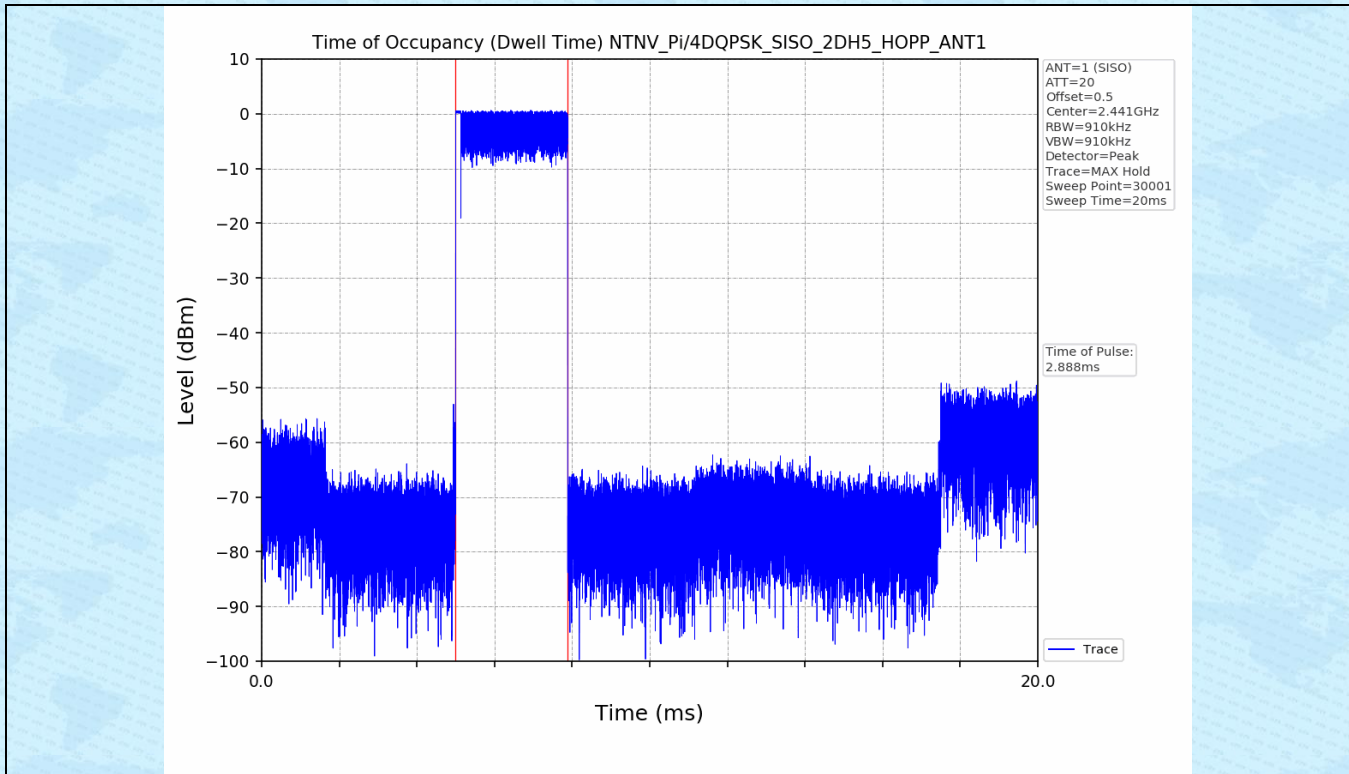










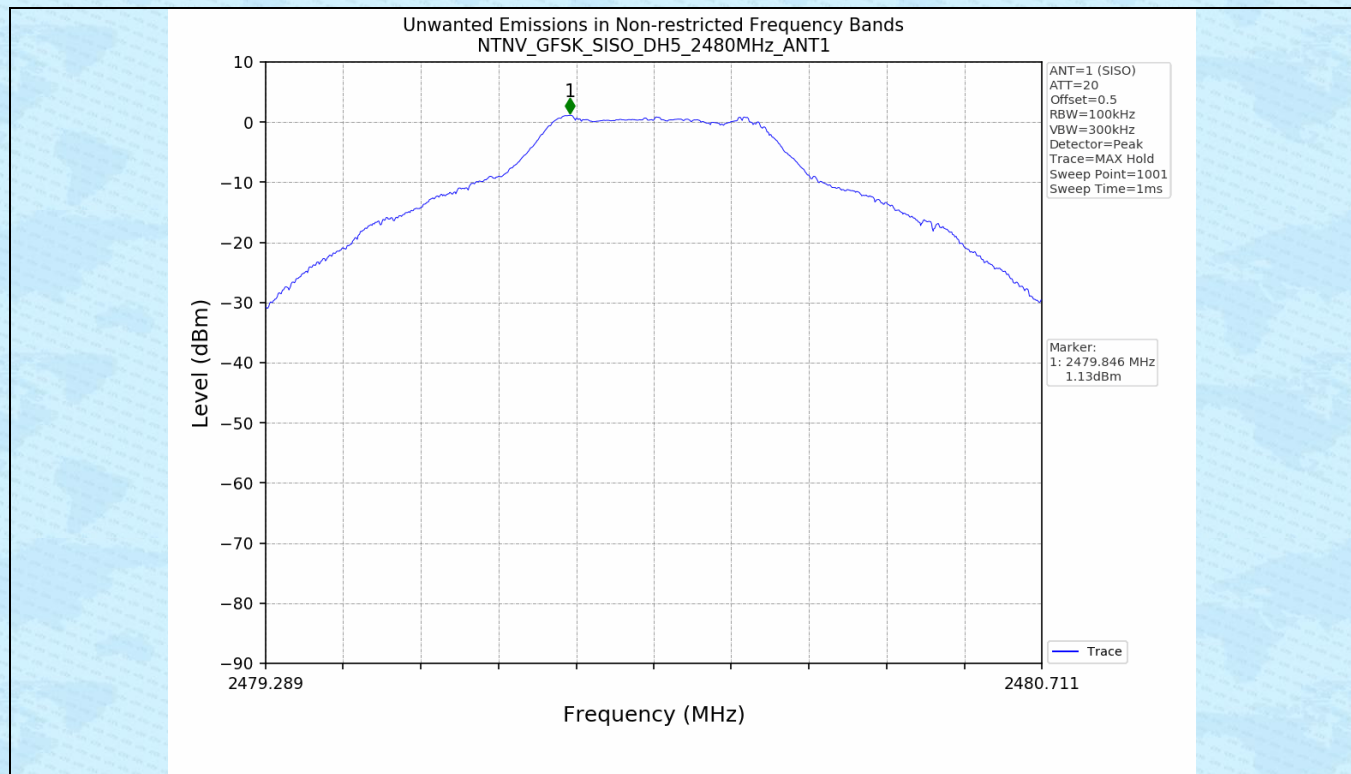


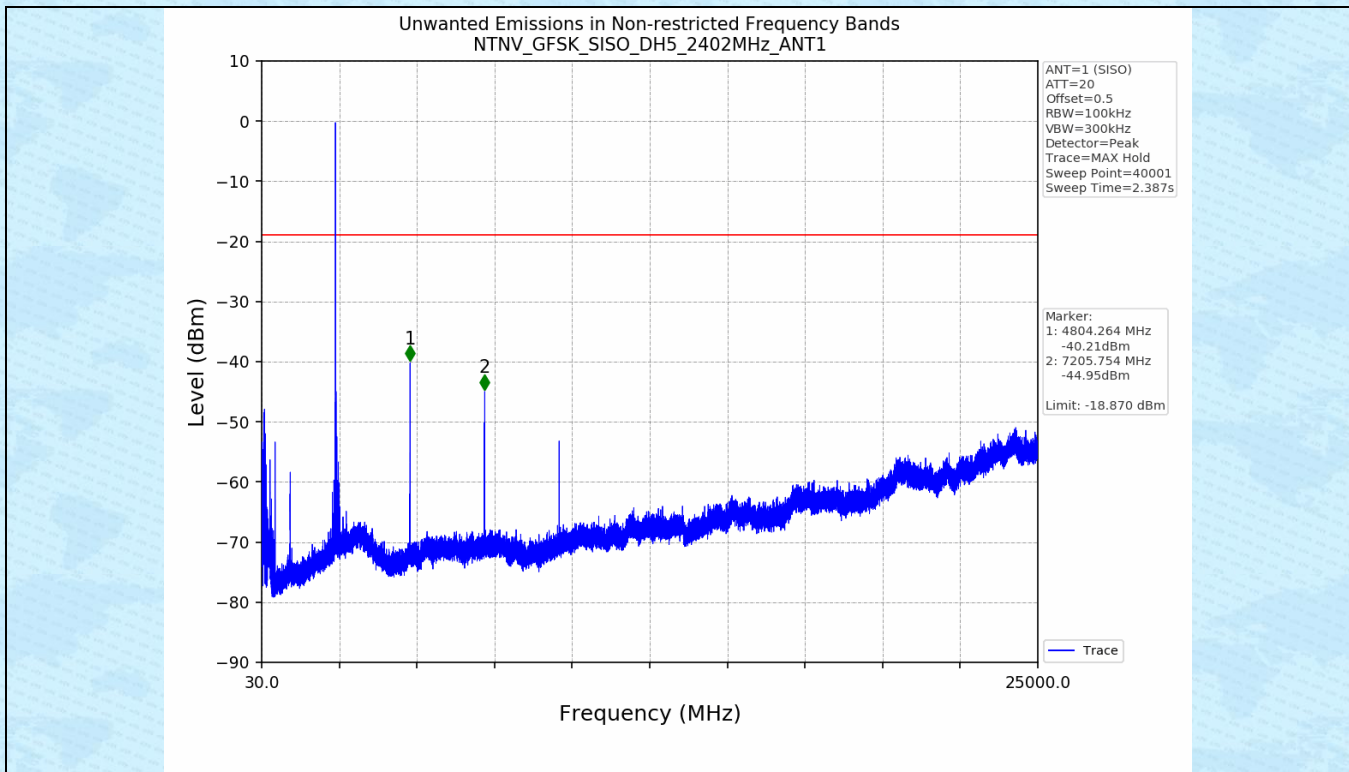
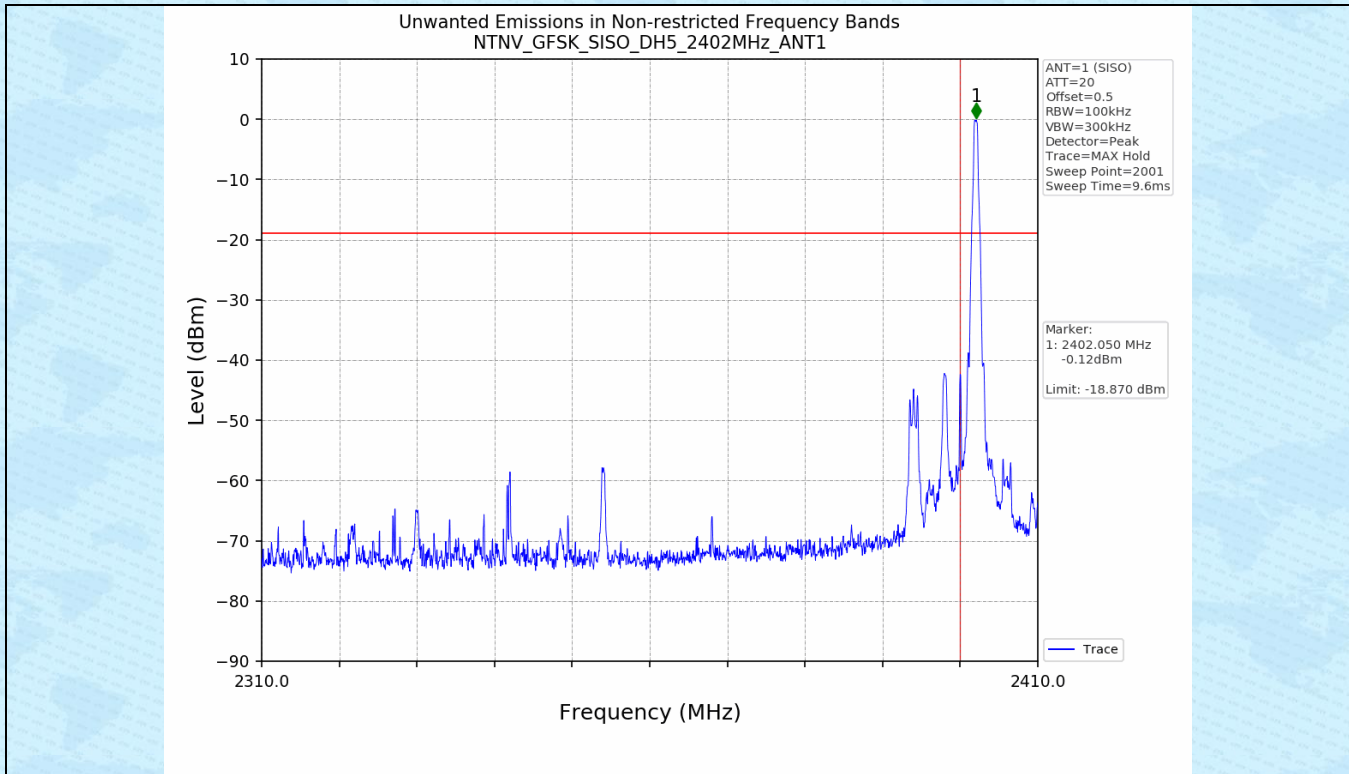
6. Unwanted Emissions in Non-restricted Frequency Bands

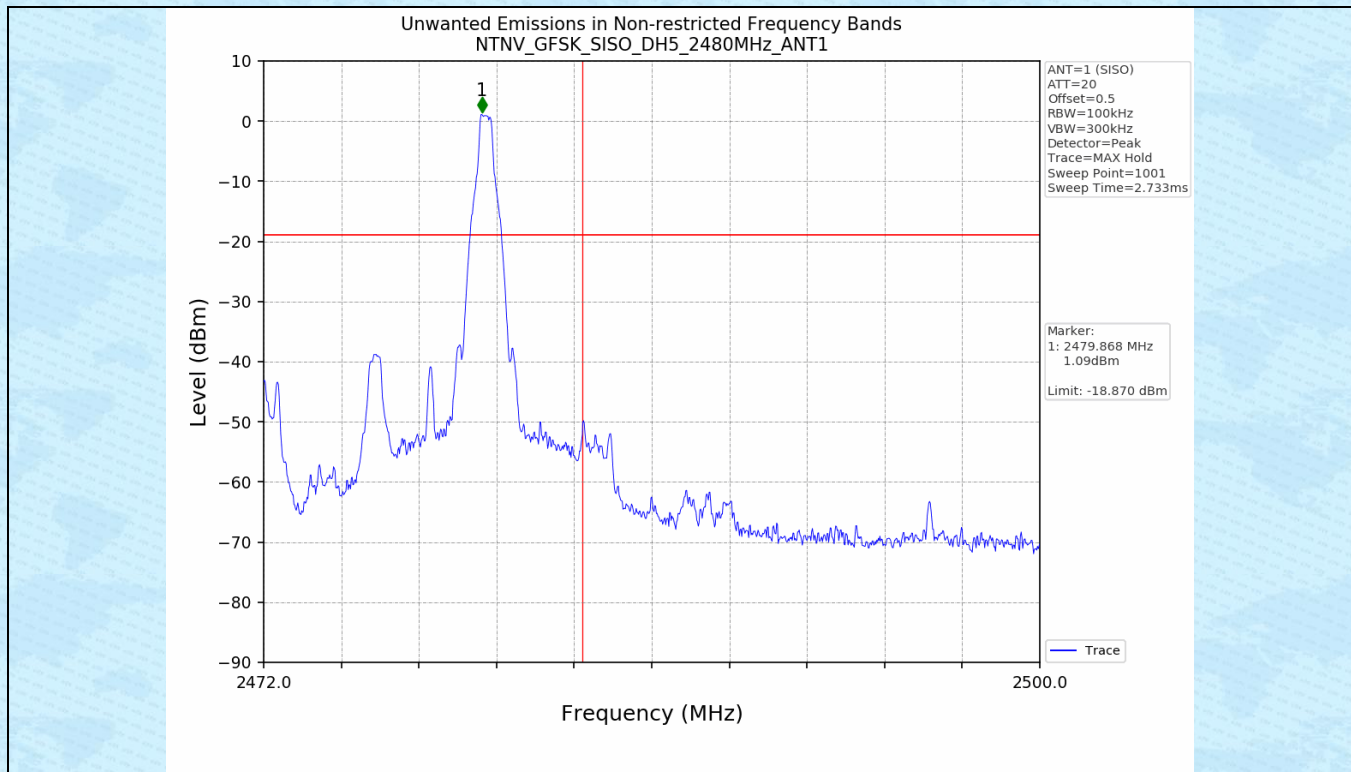
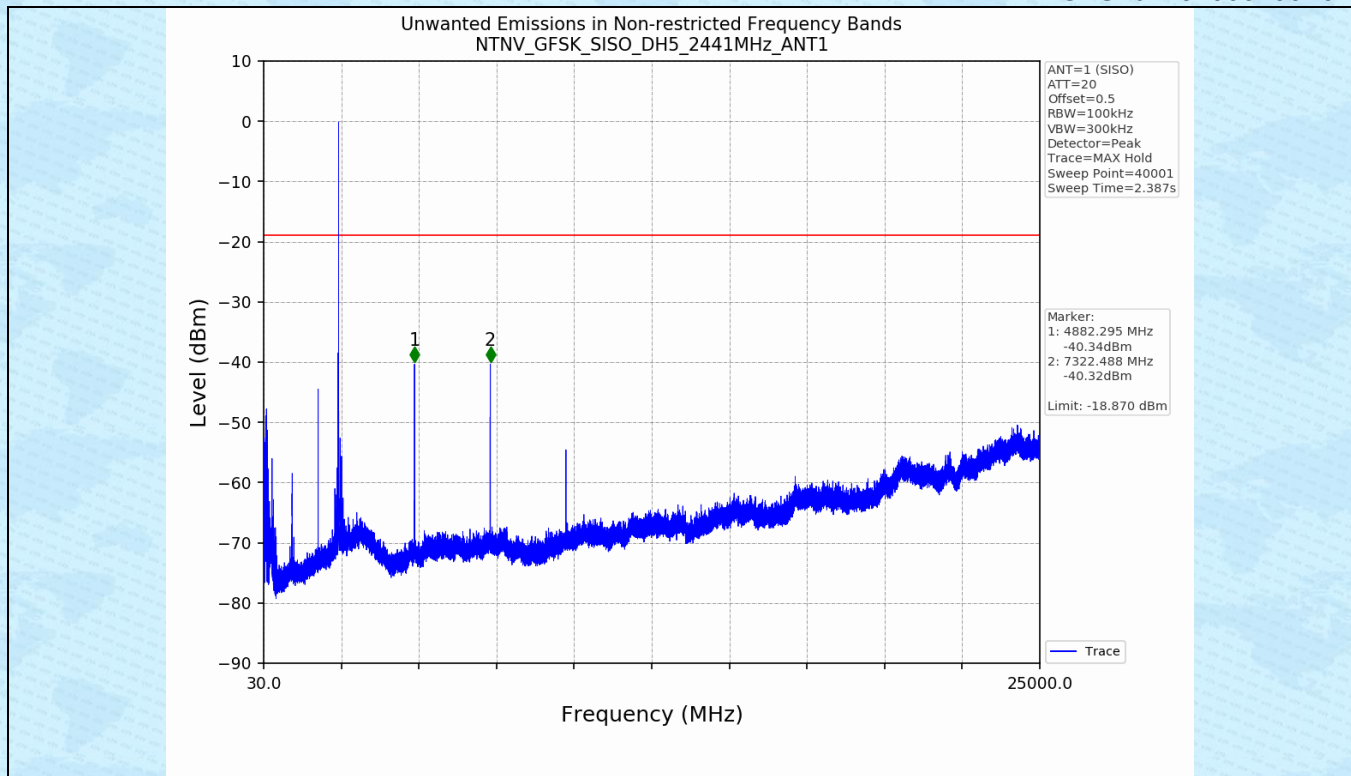
6.1 Test Result

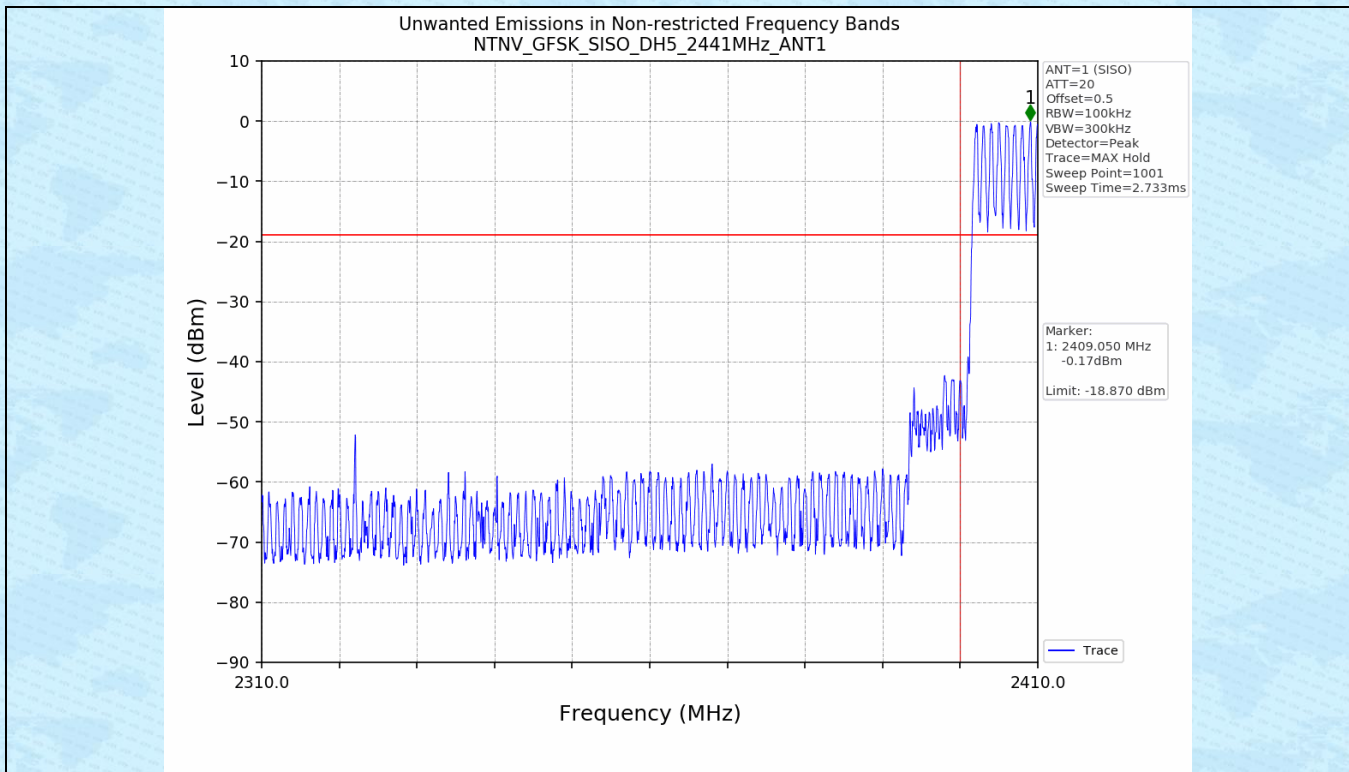
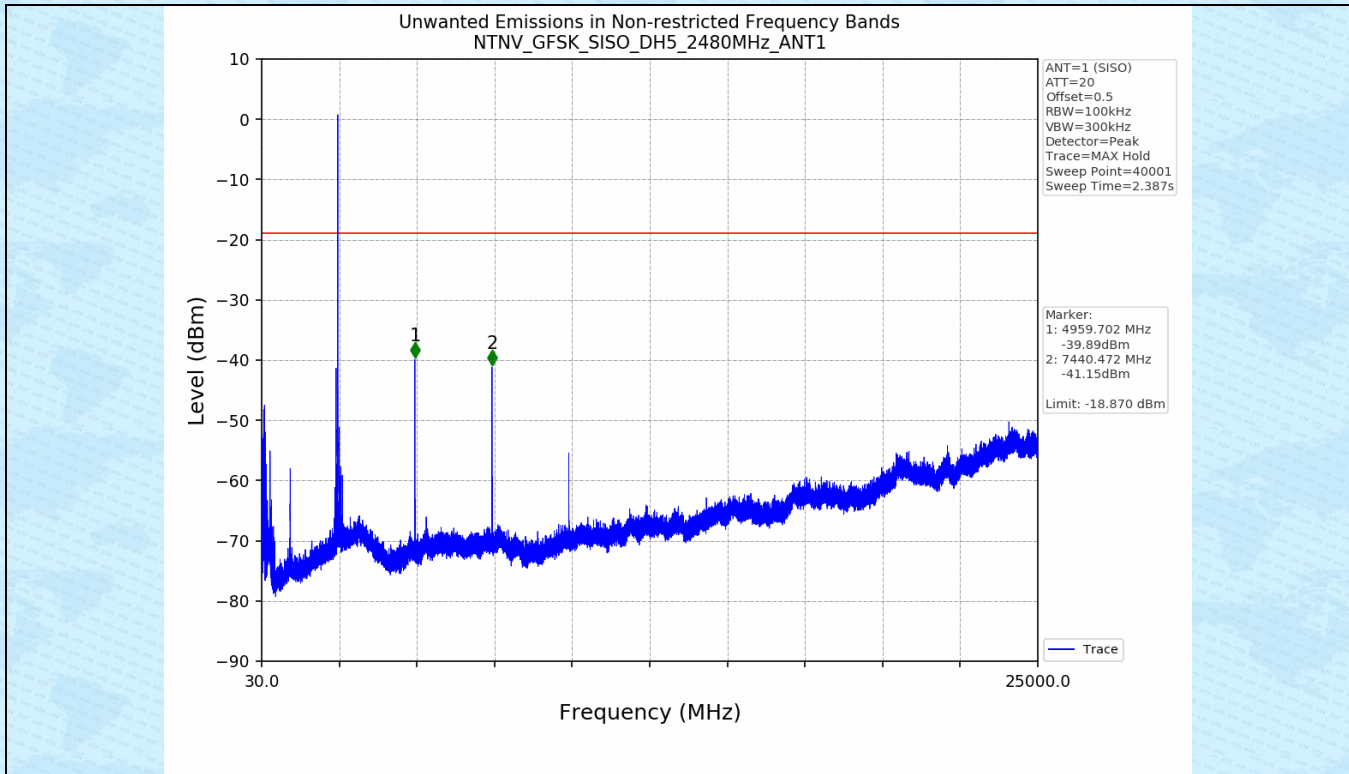
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-18.87	PASS
	2441	SISO	1	Refer to test graph	-18.87	PASS
	2480	SISO	1	Refer to test graph	-18.87	PASS
	Hopping	SISO	1	Refer to test graph	-18.87	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-18.92	PASS
	2441	SISO	1	Refer to test graph	-18.92	PASS
	2480	SISO	1	Refer to test graph	-18.92	PASS
	Hopping	SISO	1	Refer to test graph	-18.92	PASS

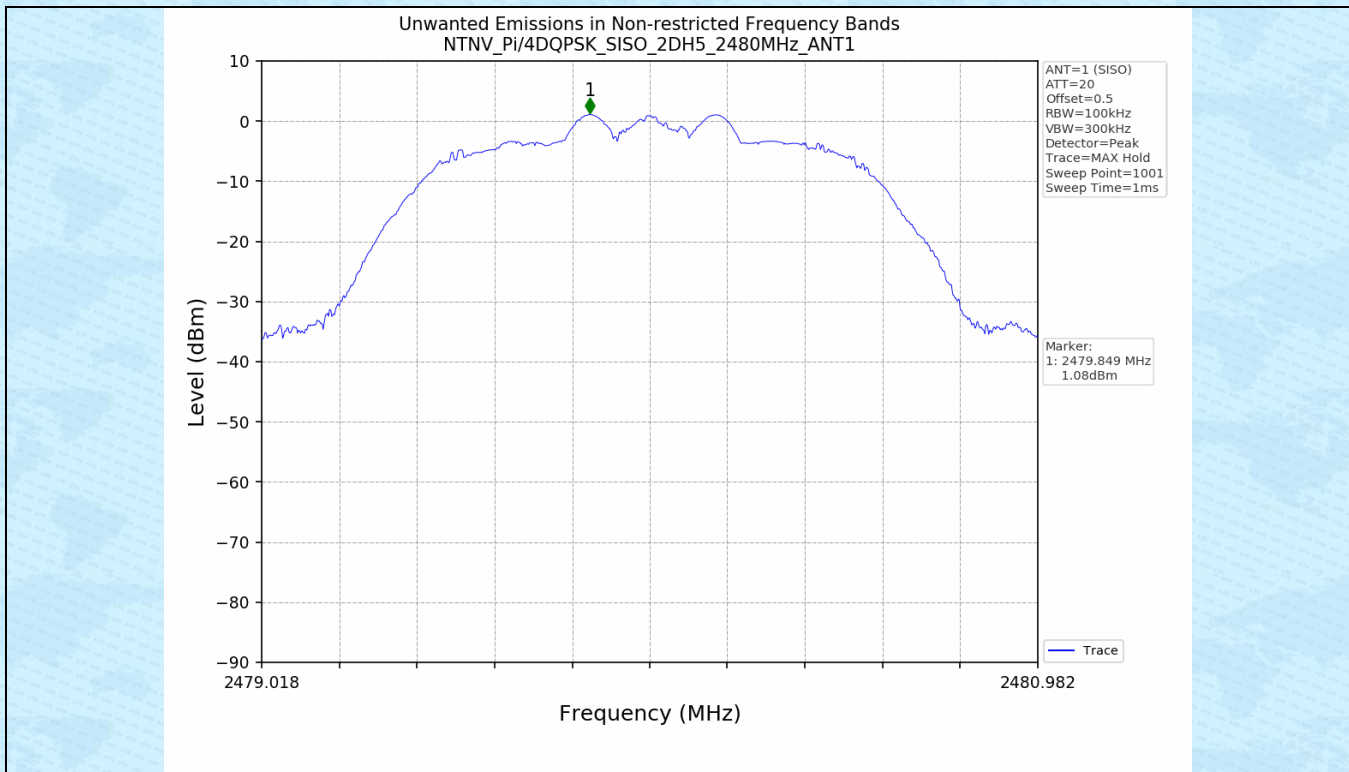
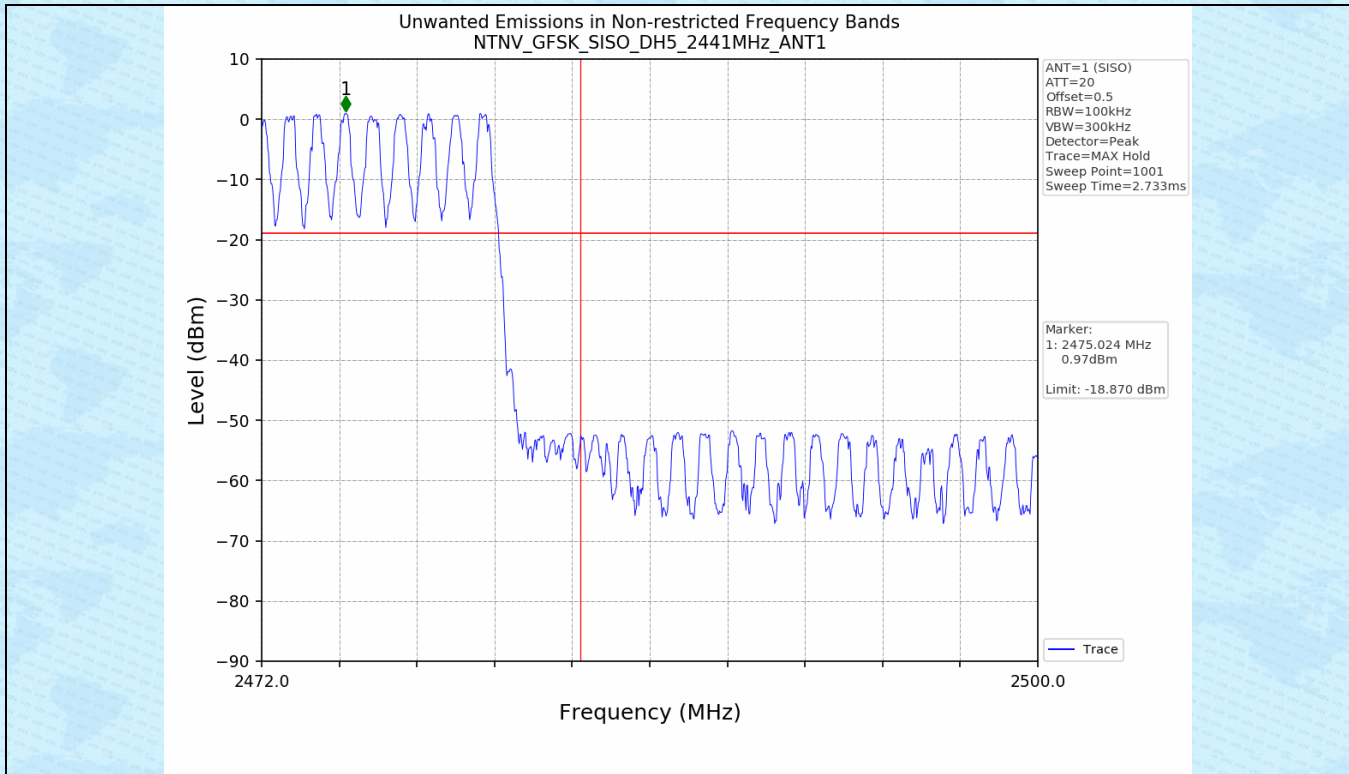
6.2 Test Graph

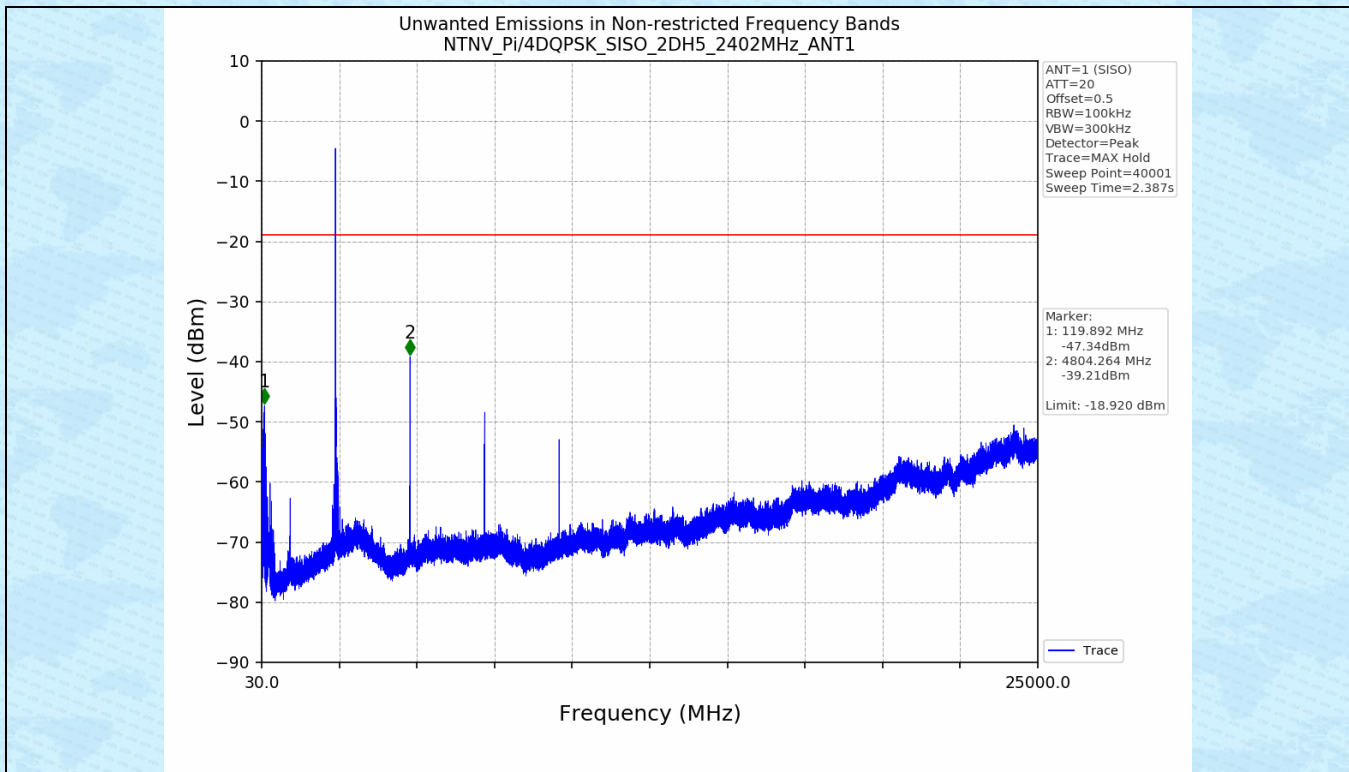
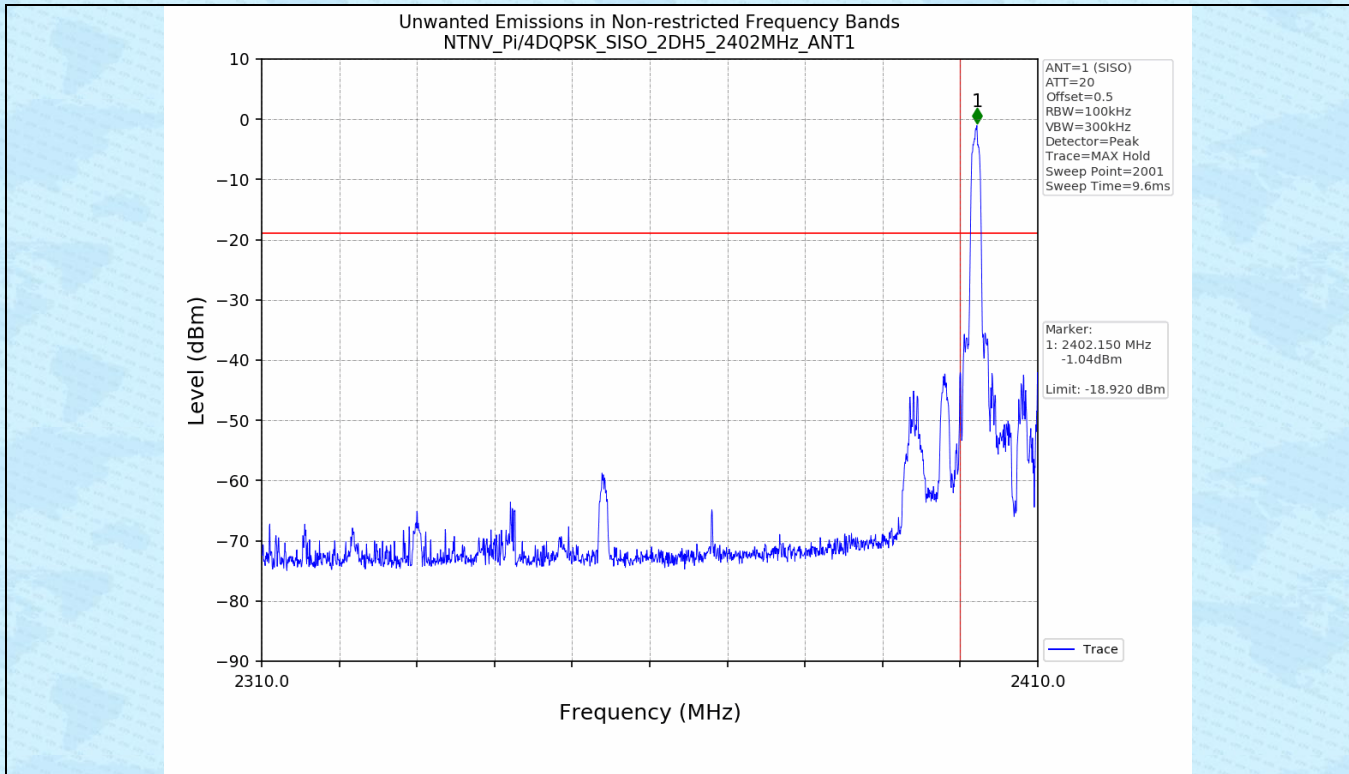


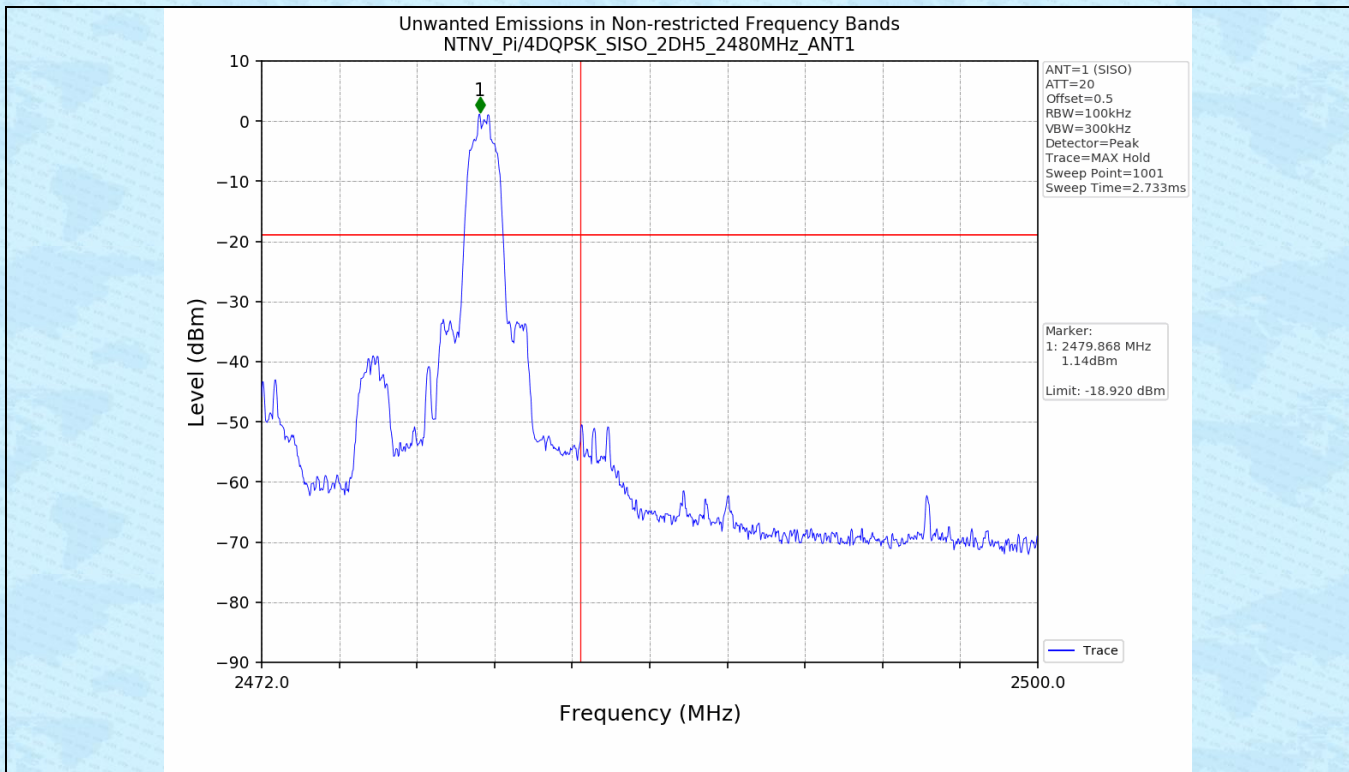
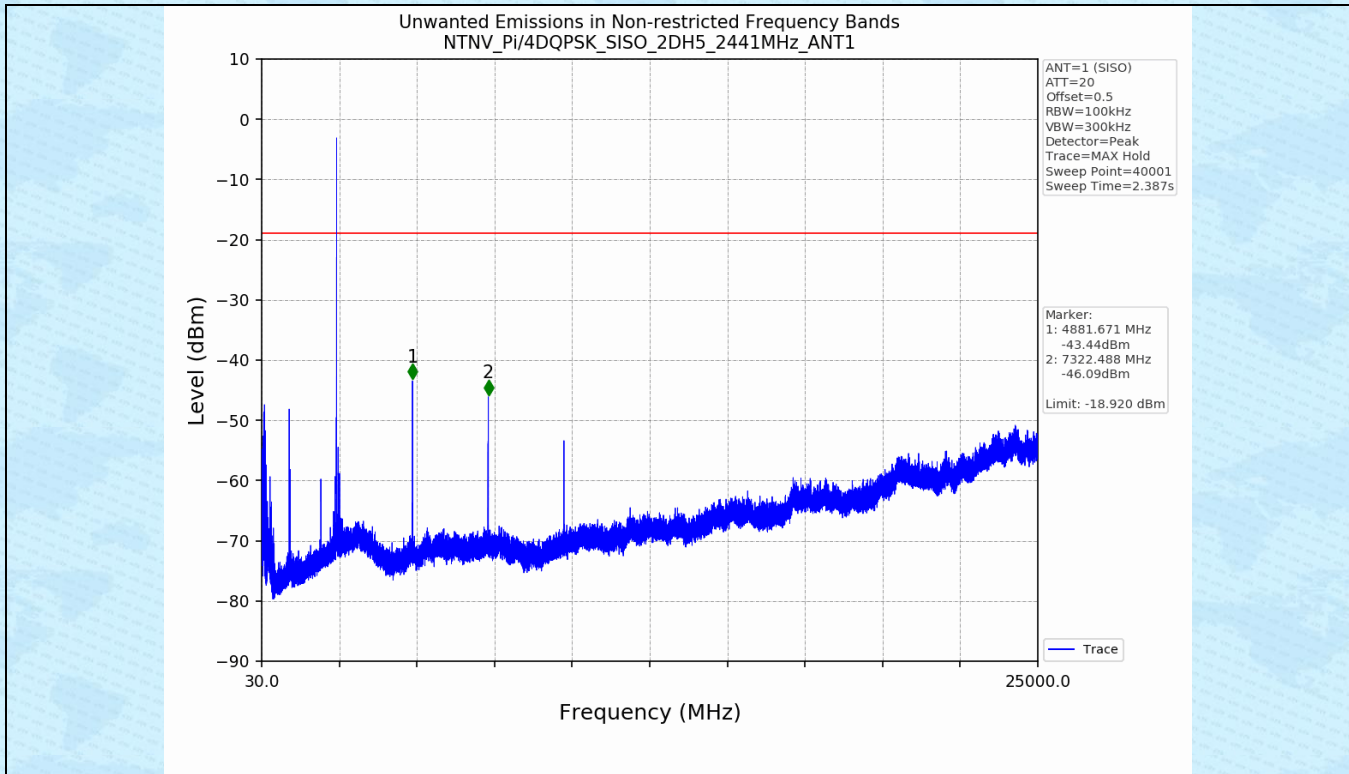


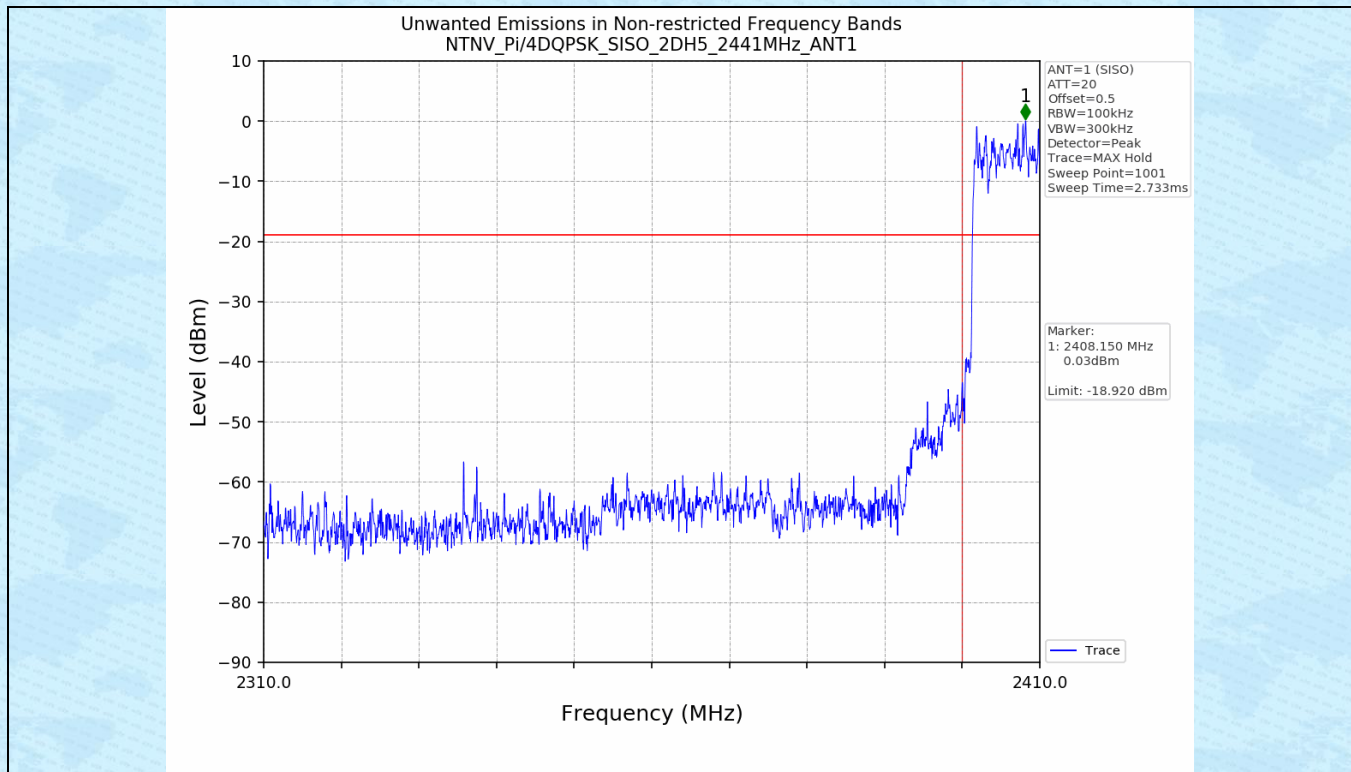
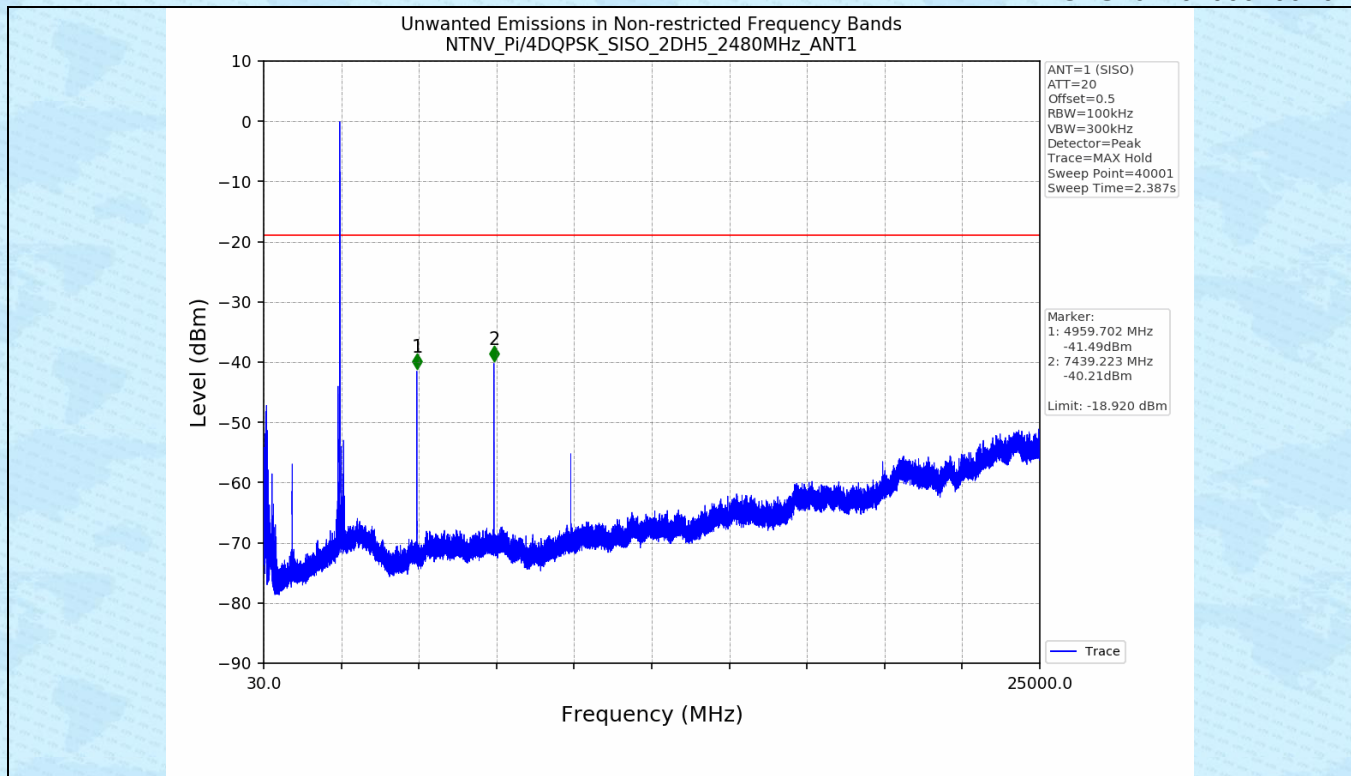


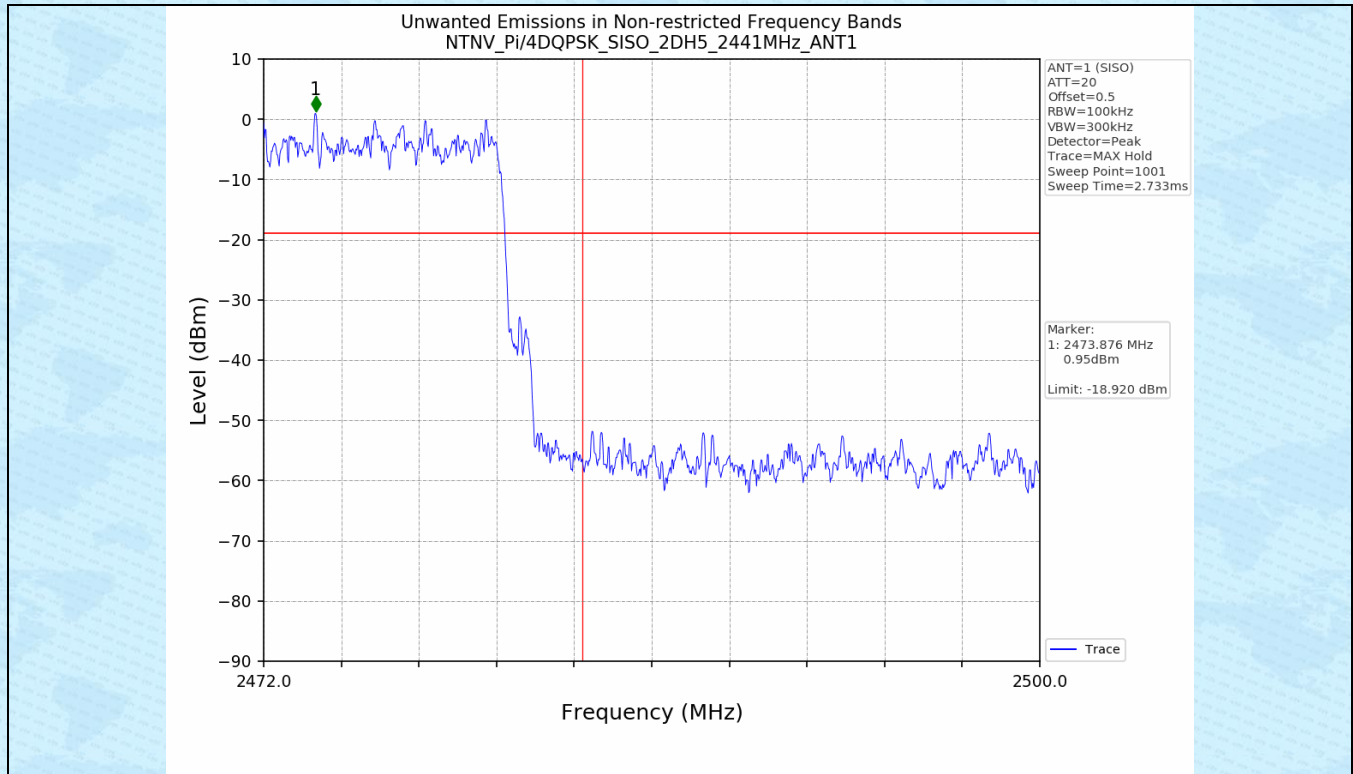












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