

Appendix for 15.247

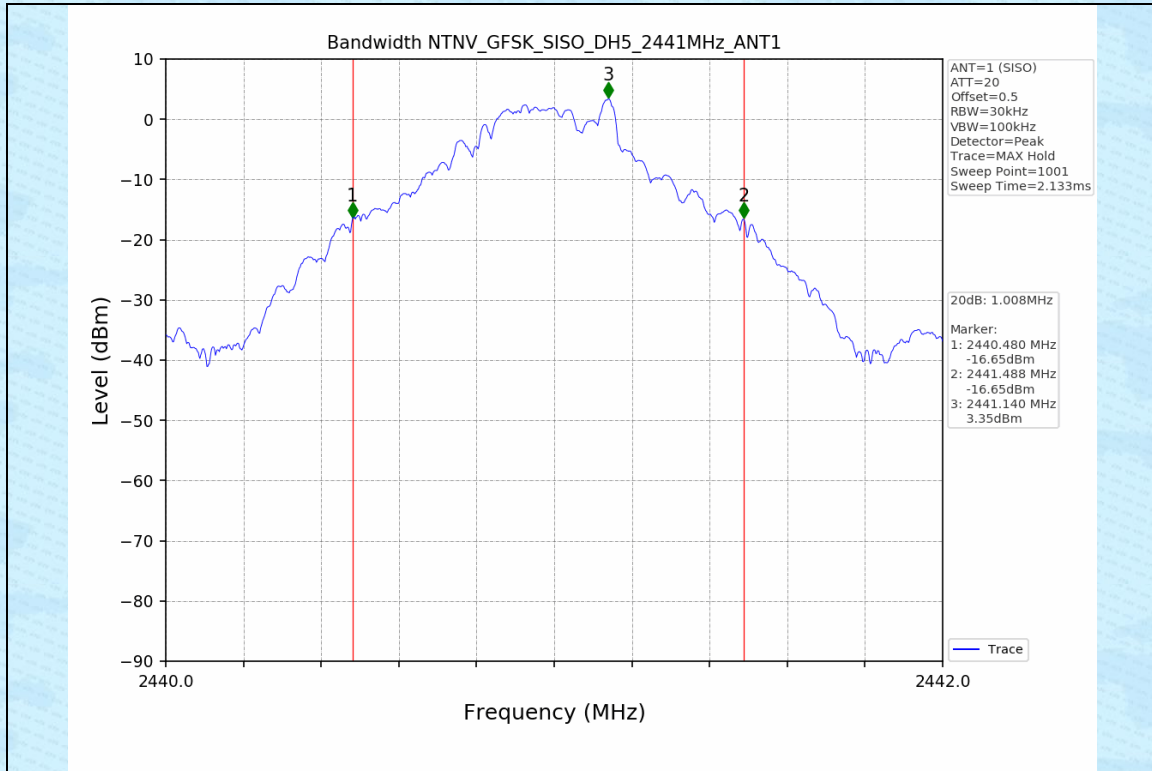
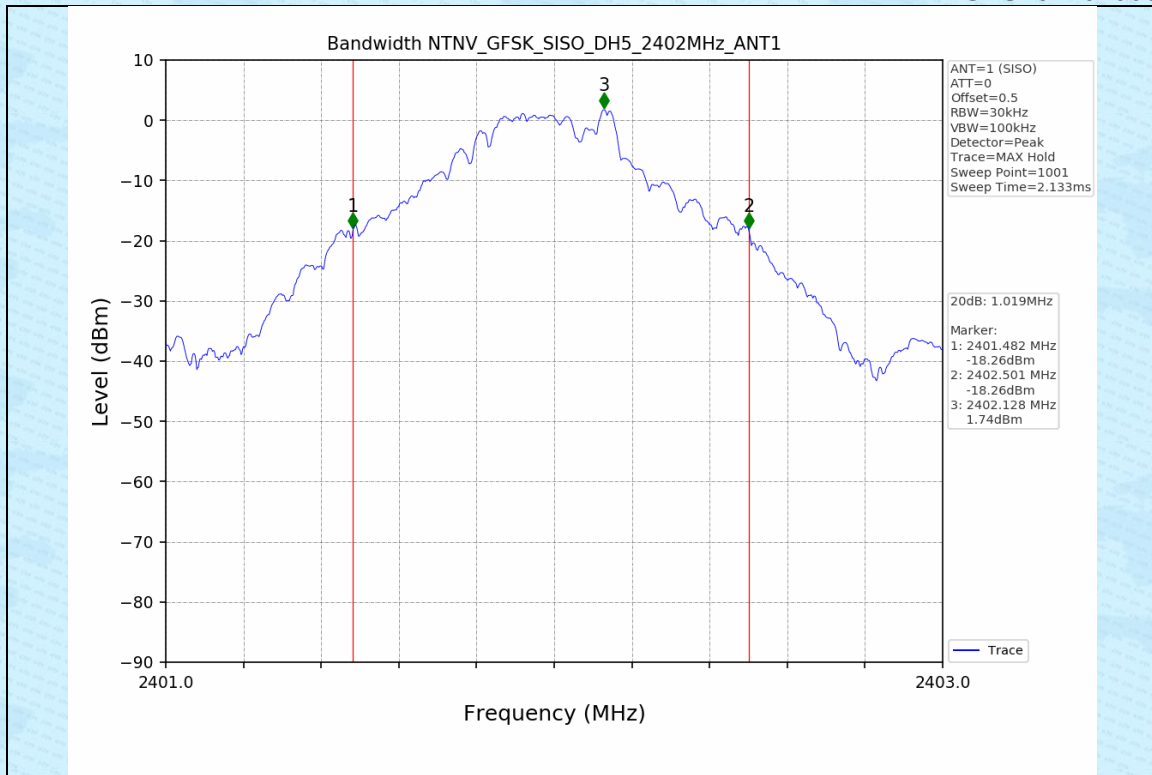
1. Bandwidth

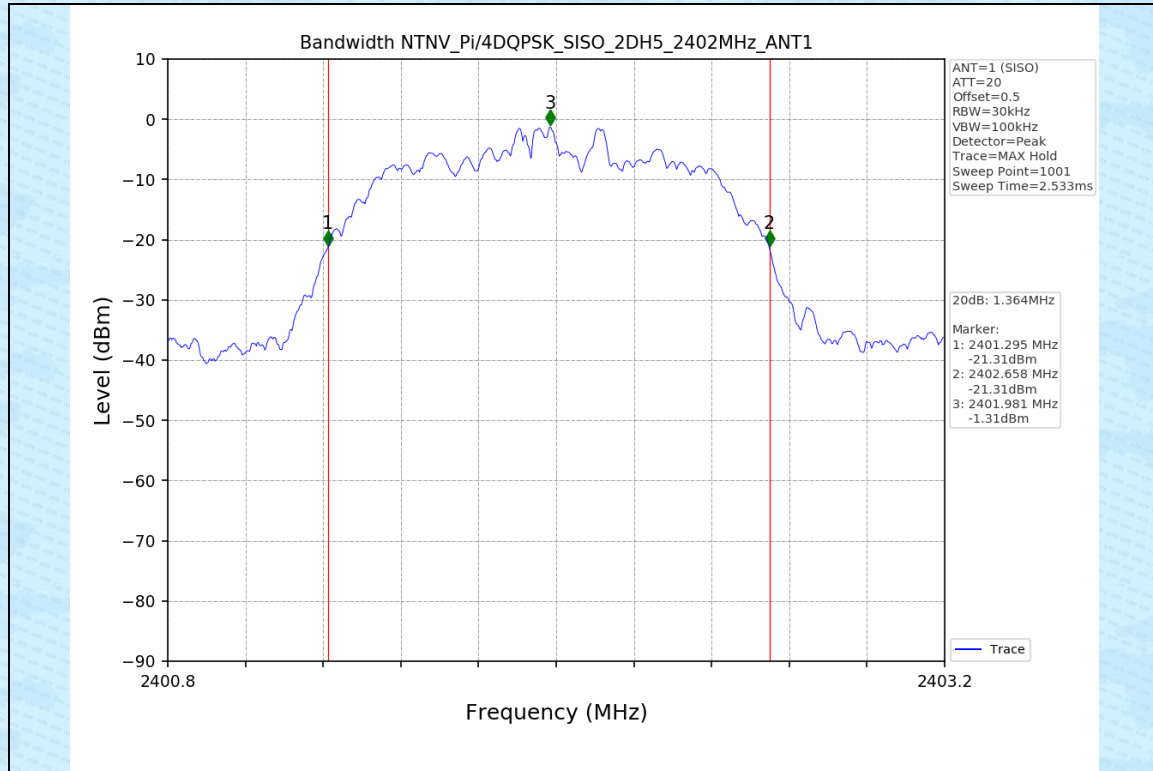
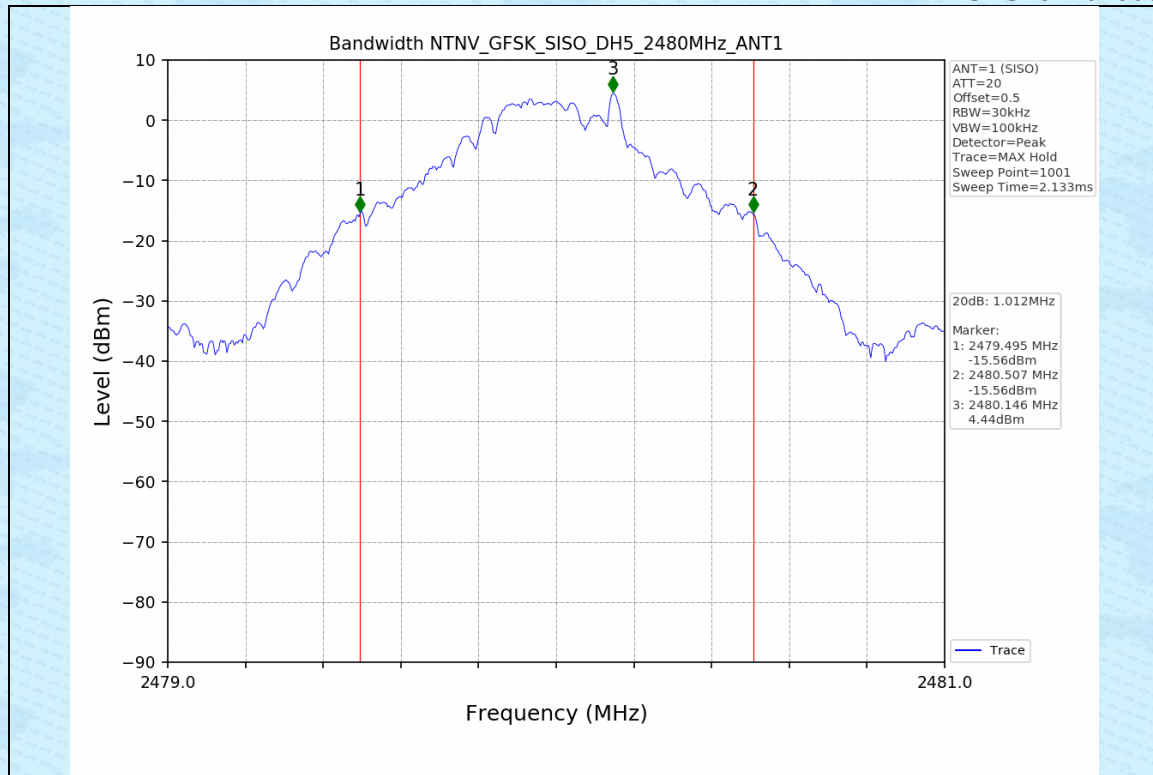
1.1 Test Result

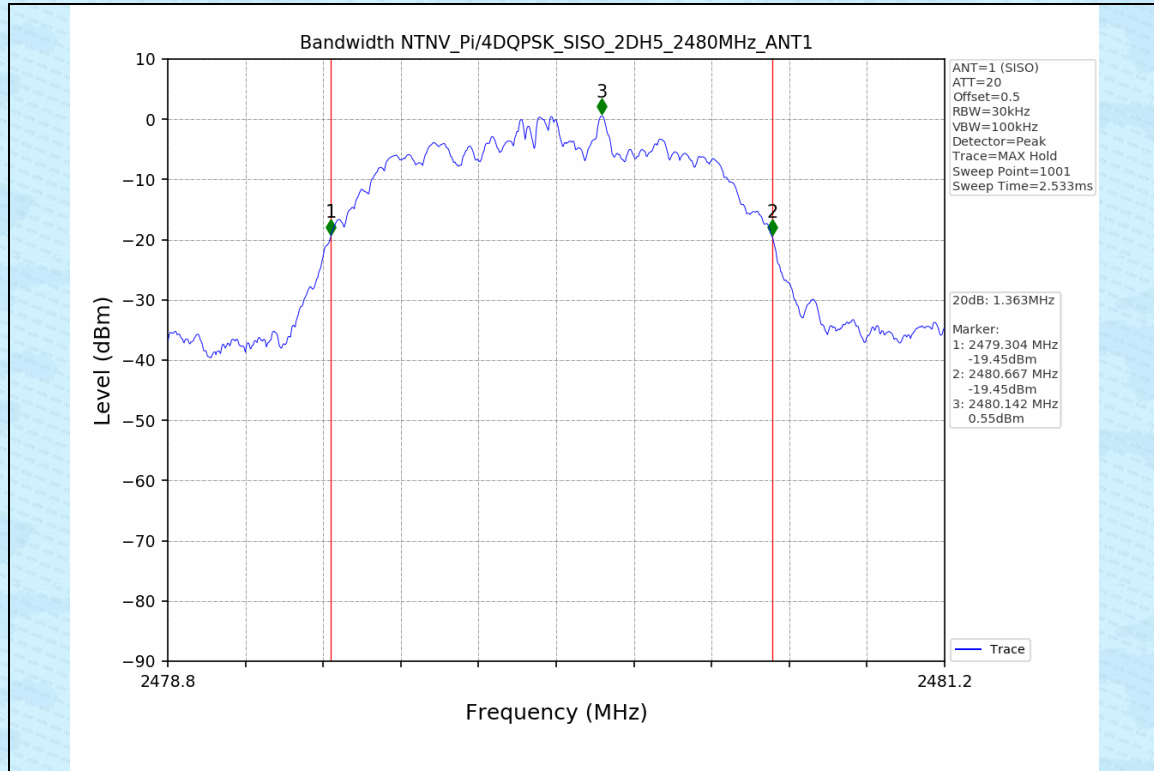
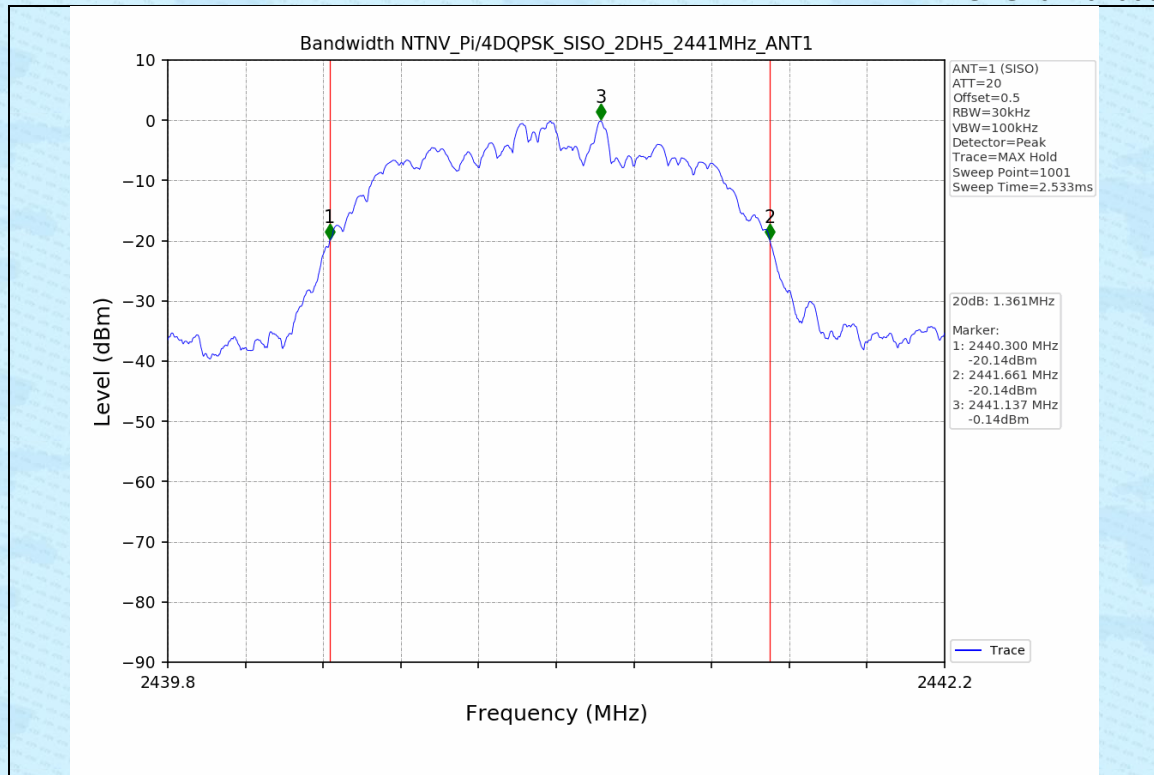
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	1.019	PASS
	2441	SISO	1	1.008	PASS
	2480	SISO	1	1.012	PASS
Pi/4DQPSK	2402	SISO	1	1.364	PASS
	2441	SISO	1	1.361	PASS
	2480	SISO	1	1.363	PASS
8DPSK	2402	SISO	1	1.316	PASS
	2441	SISO	1	1.315	PASS
	2480	SISO	1	1.313	PASS

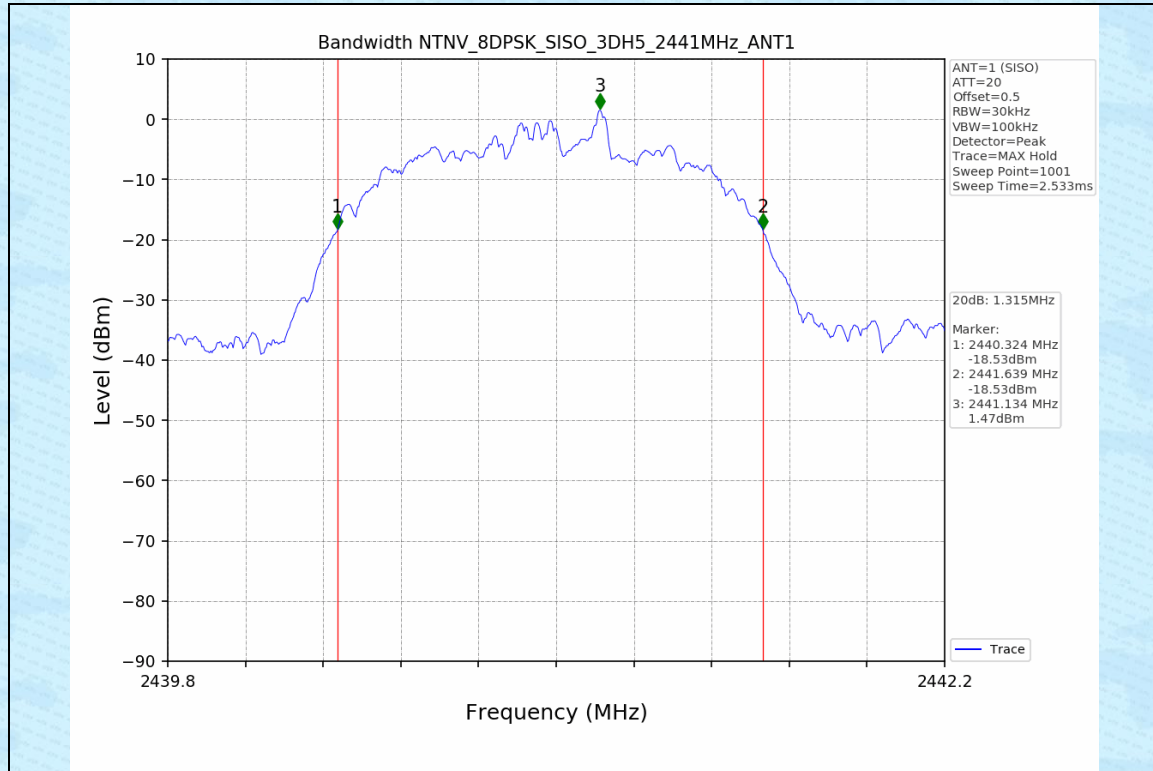
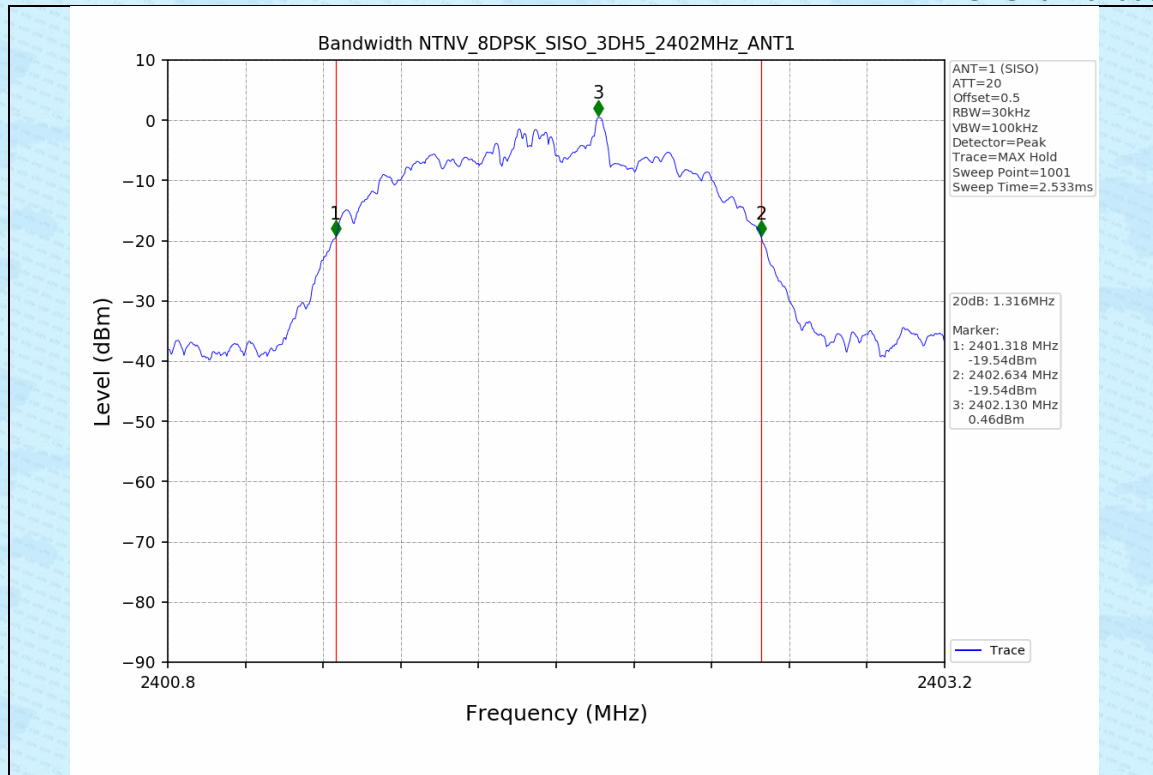
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.916	Only for Report Use
	2441	SISO	1	0.906	Only for Report Use
	2480	SISO	1	0.911	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.218	Only for Report Use
	2441	SISO	1	1.218	Only for Report Use
	2480	SISO	1	1.217	Only for Report Use
8DPSK	2402	SISO	1	1.221	Only for Report Use
	2441	SISO	1	1.220	Only for Report Use
	2480	SISO	1	1.218	Only for Report Use

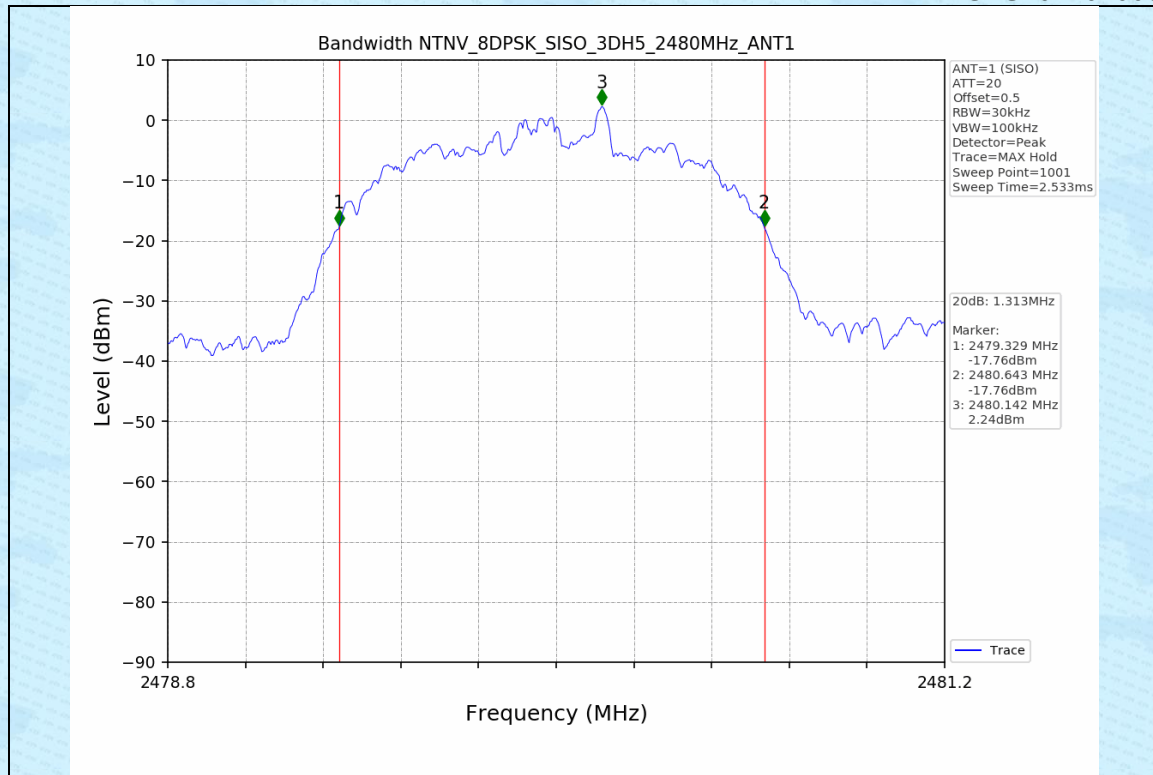
1.2 Test Graph - 20dB Bandwidth



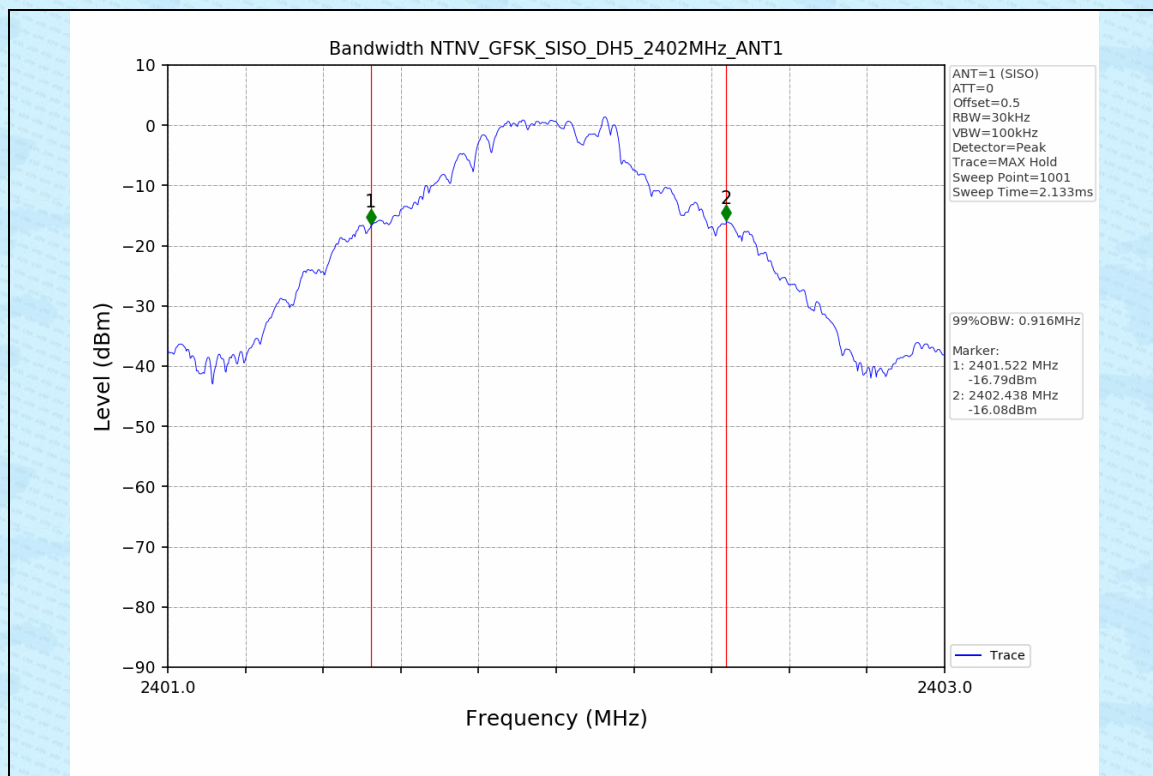


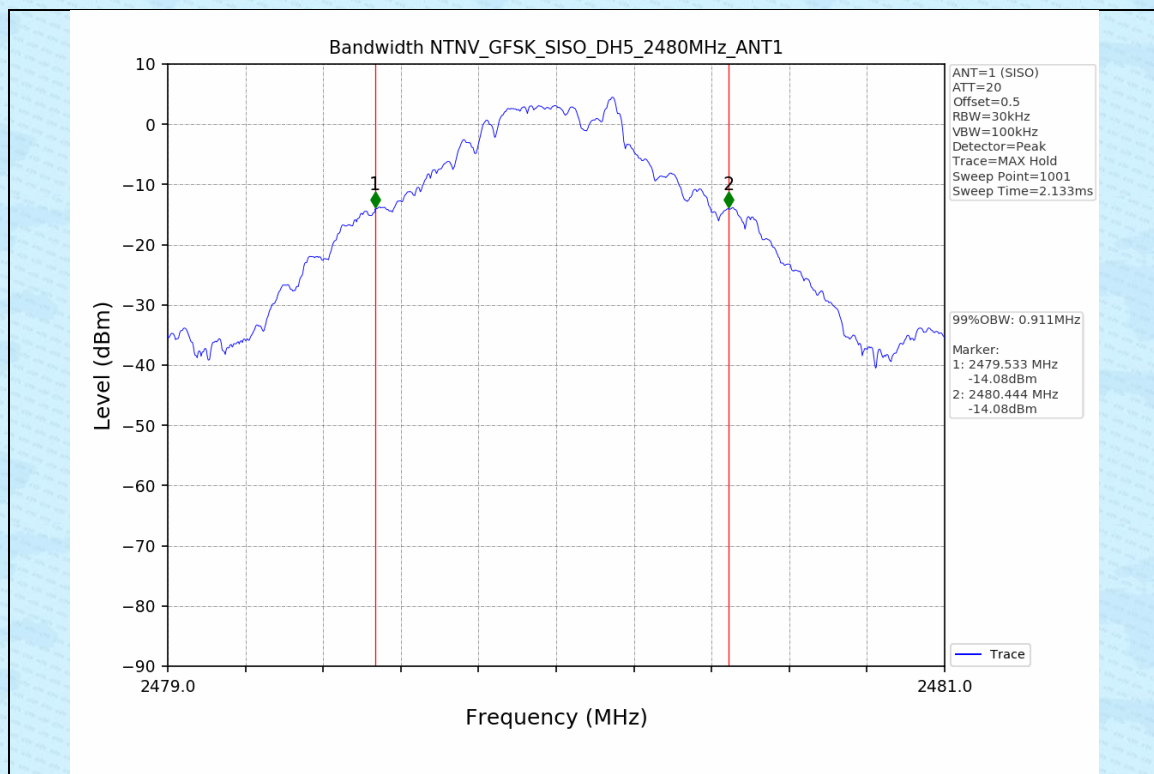
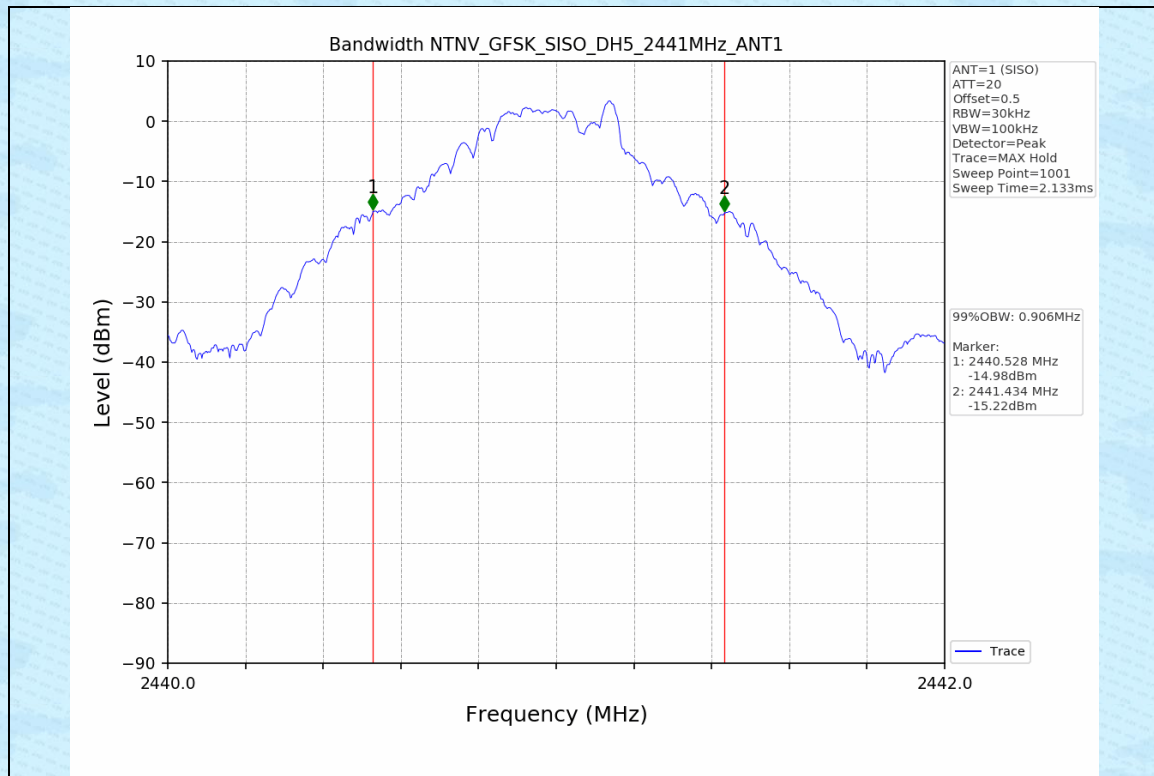


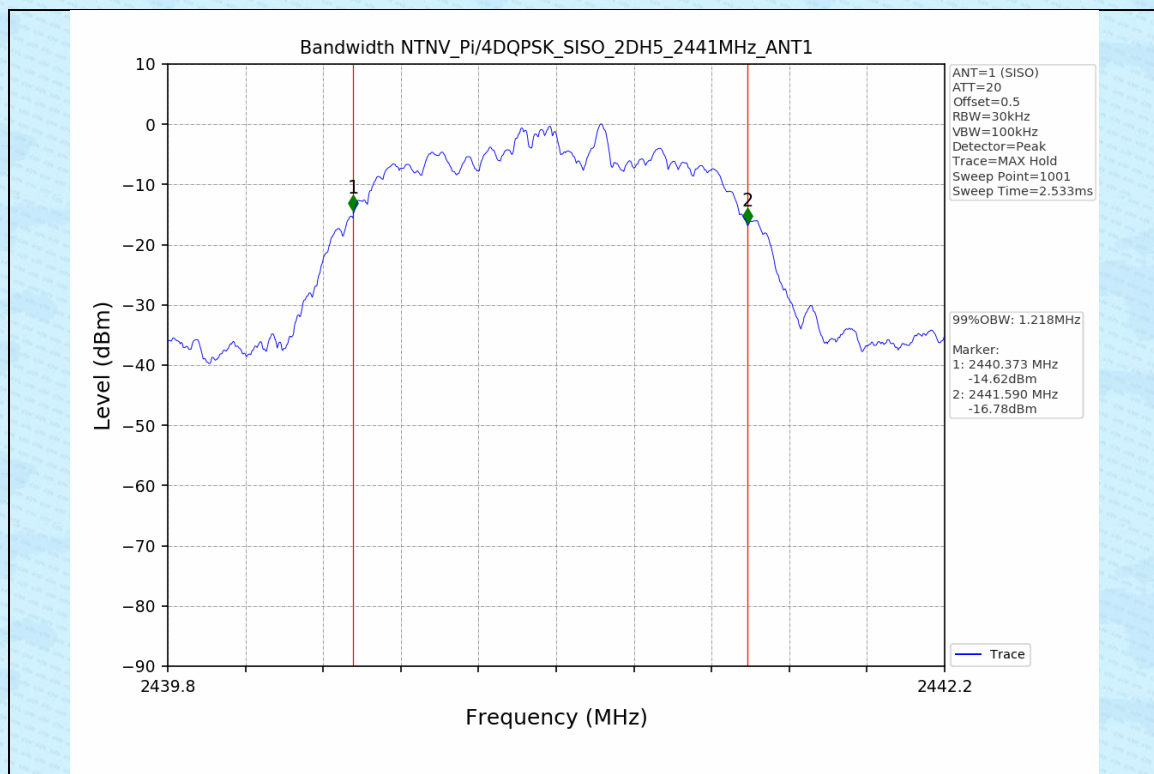
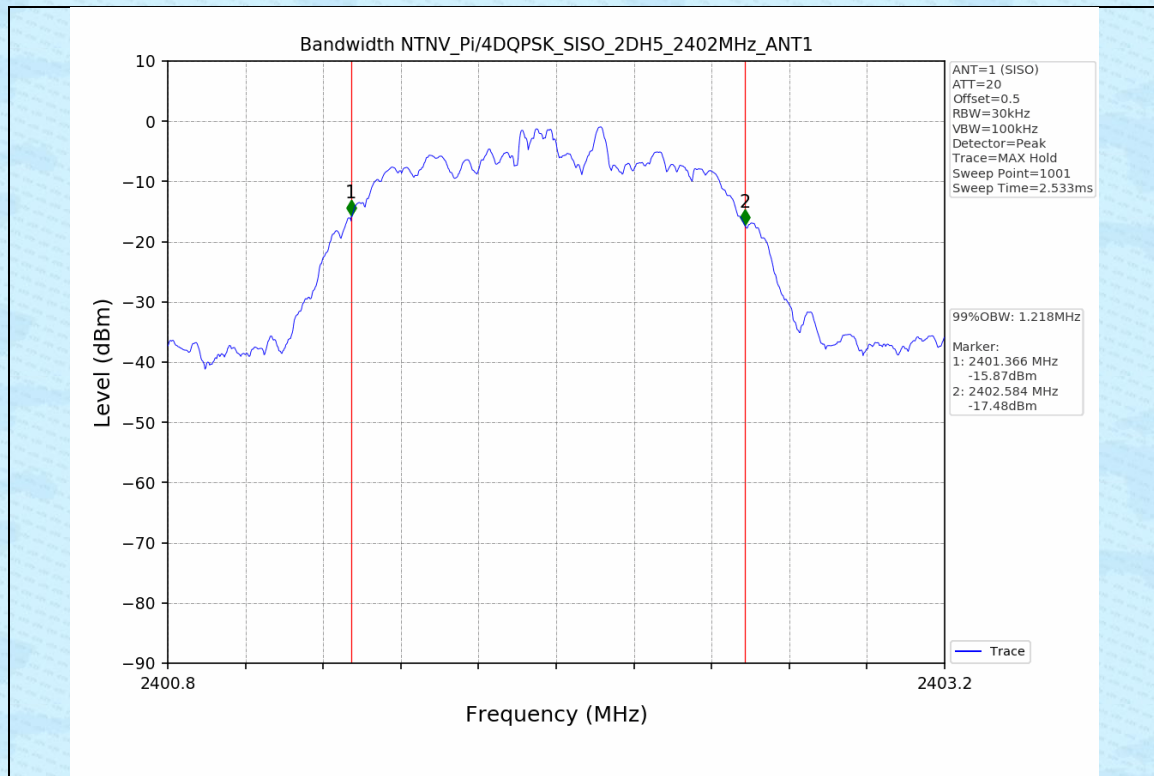


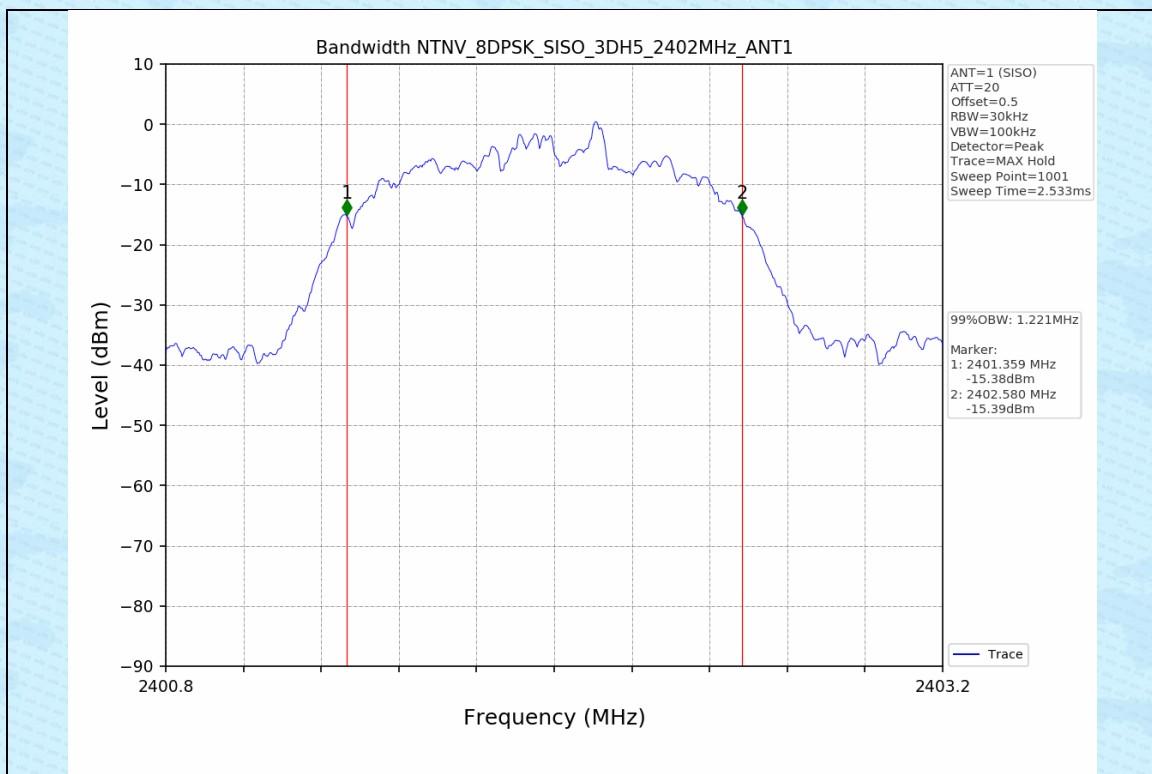
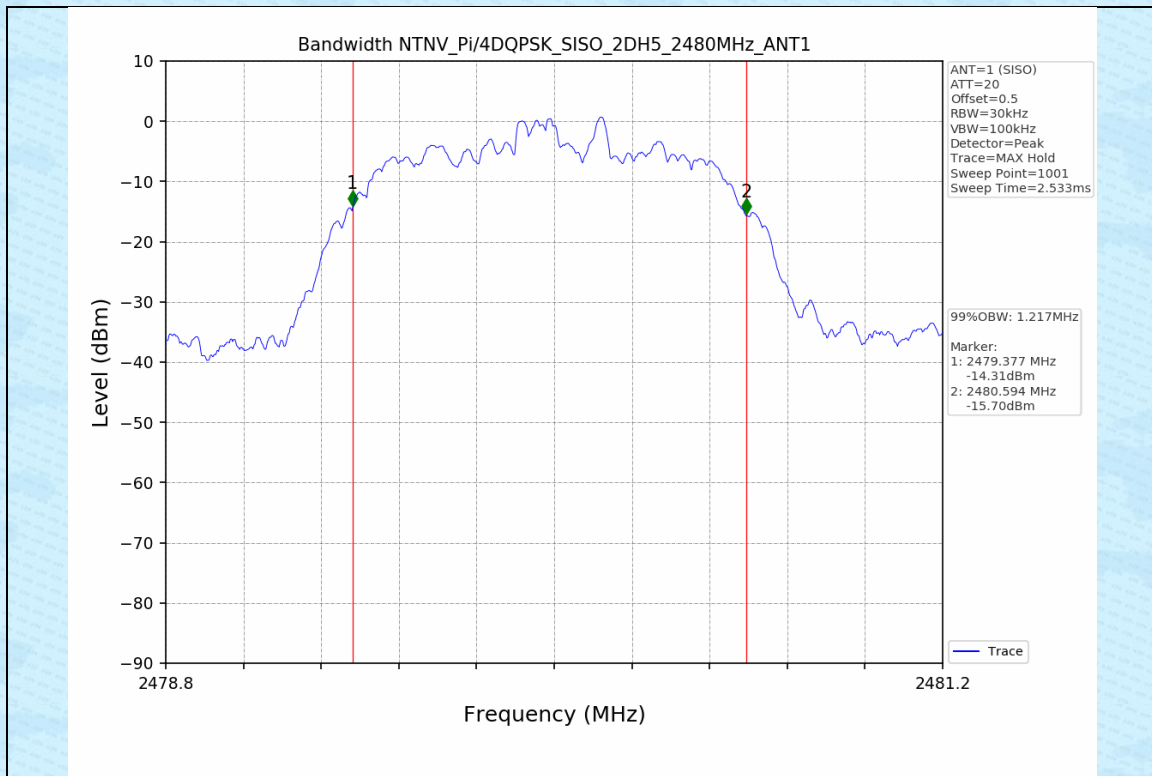


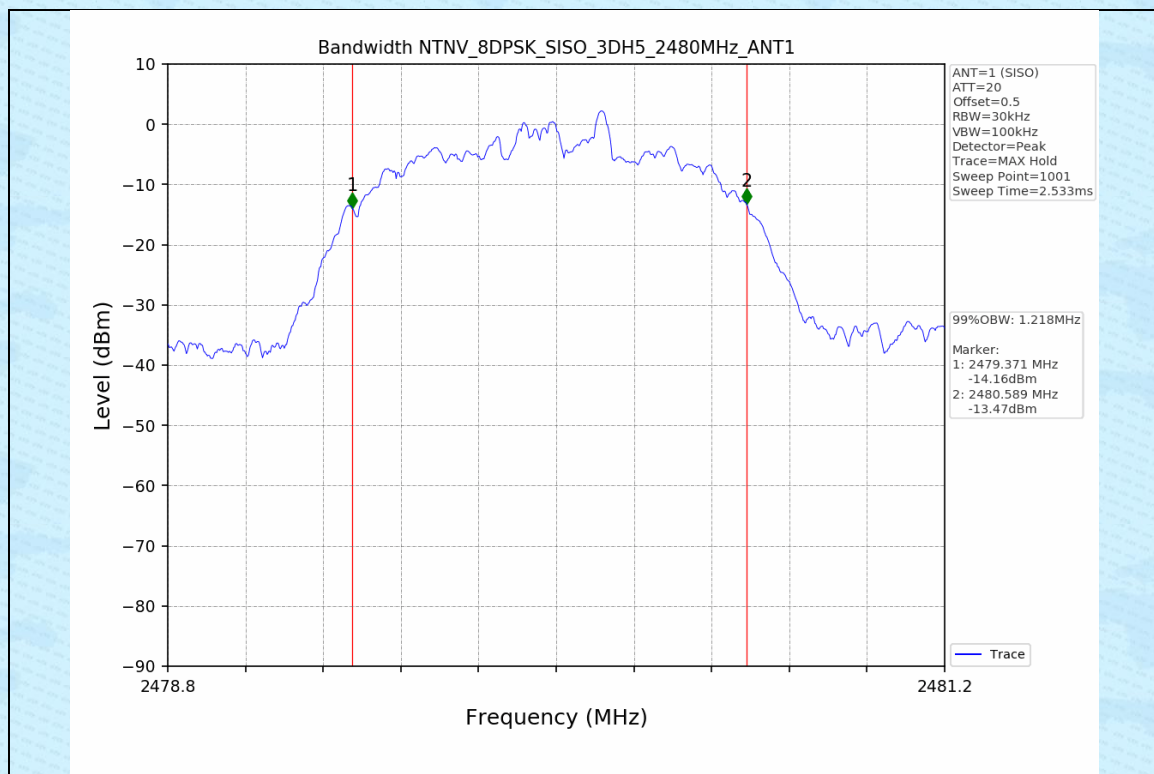
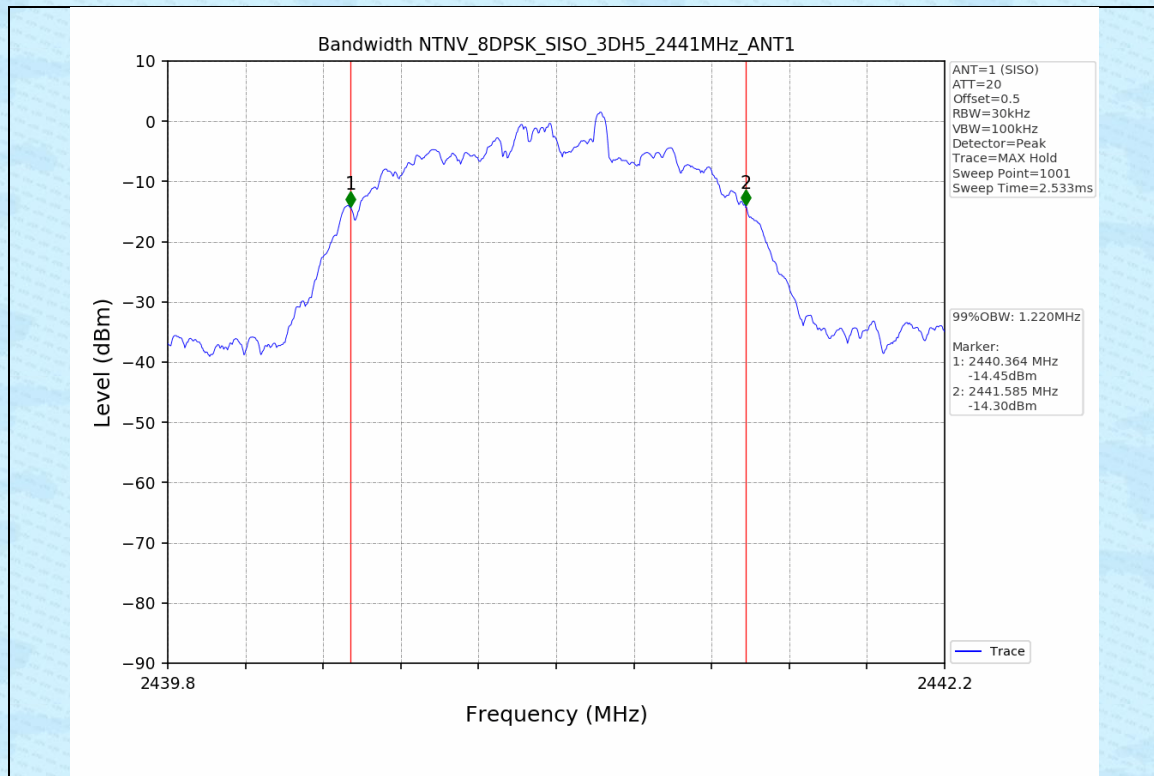
1.3 Test Graph - 99% Occupied Bandwidth









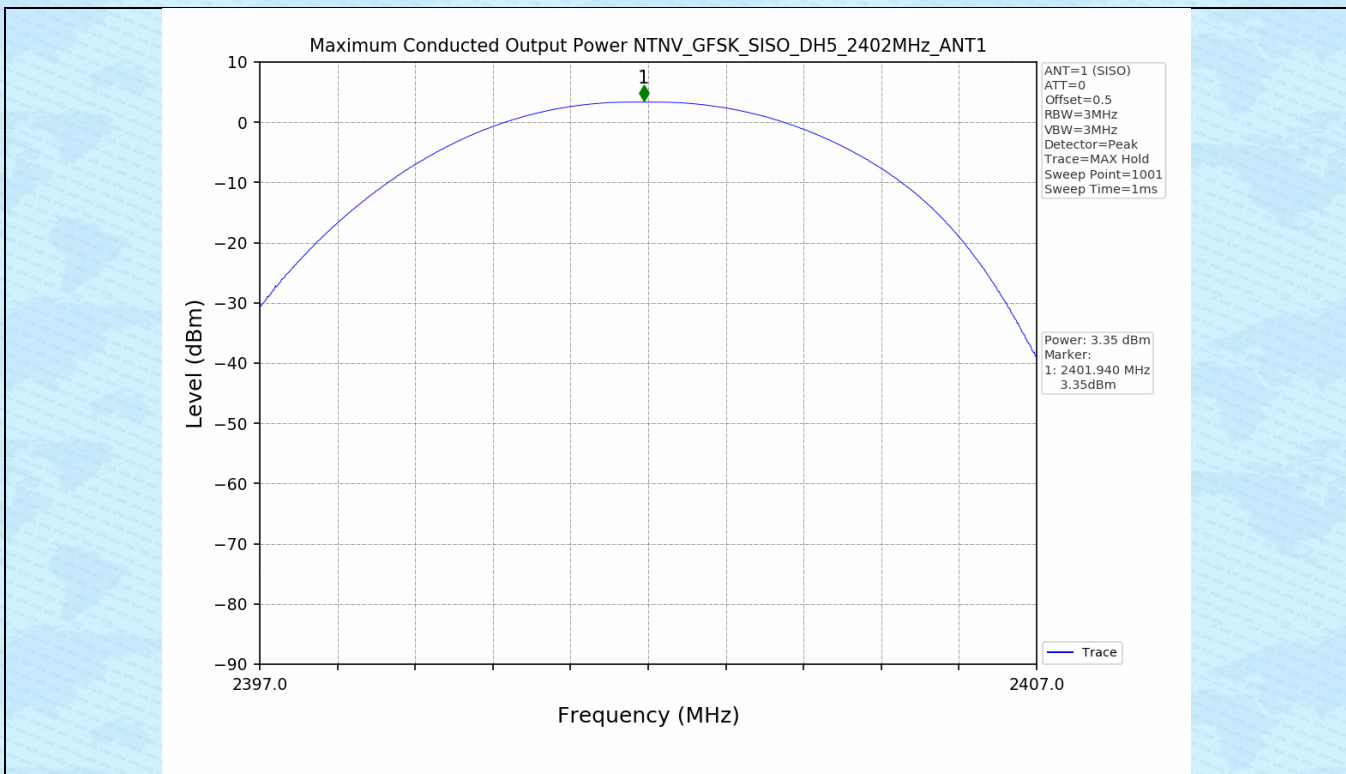


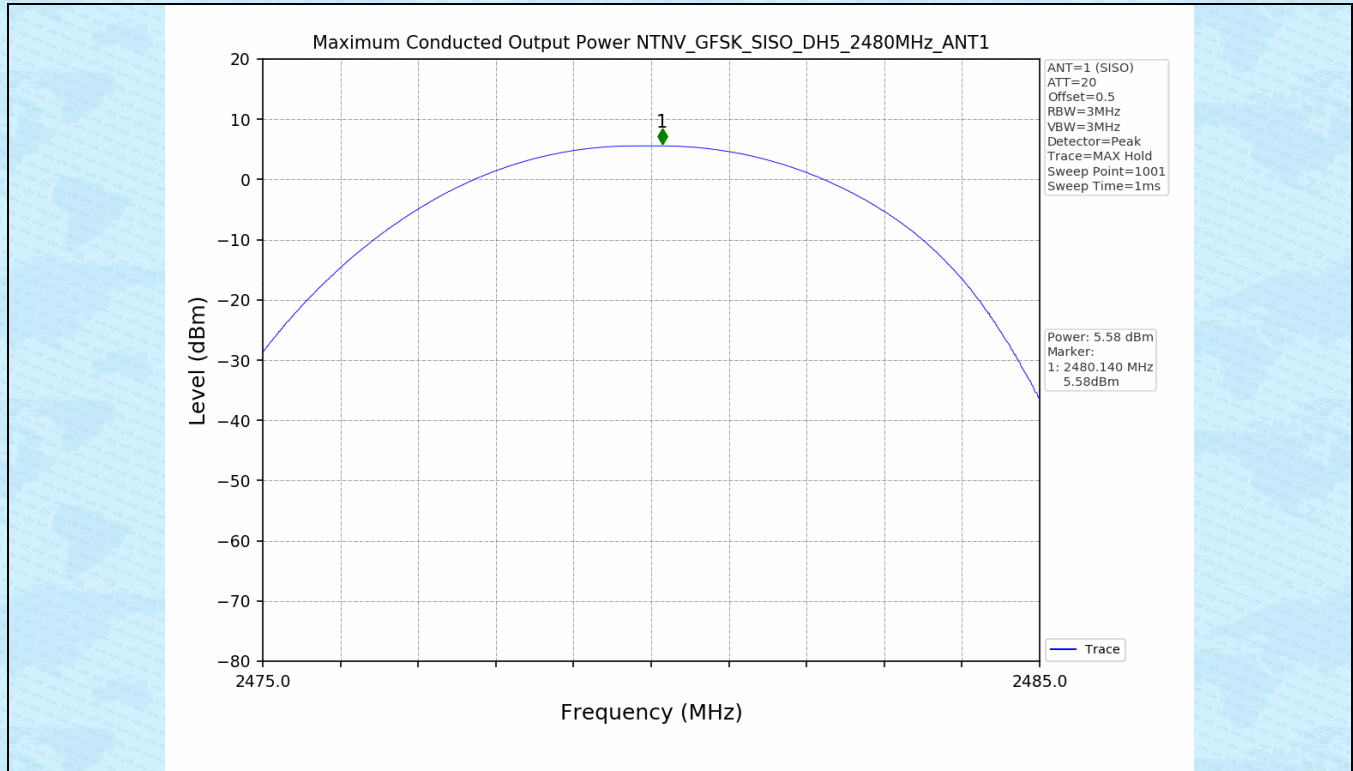
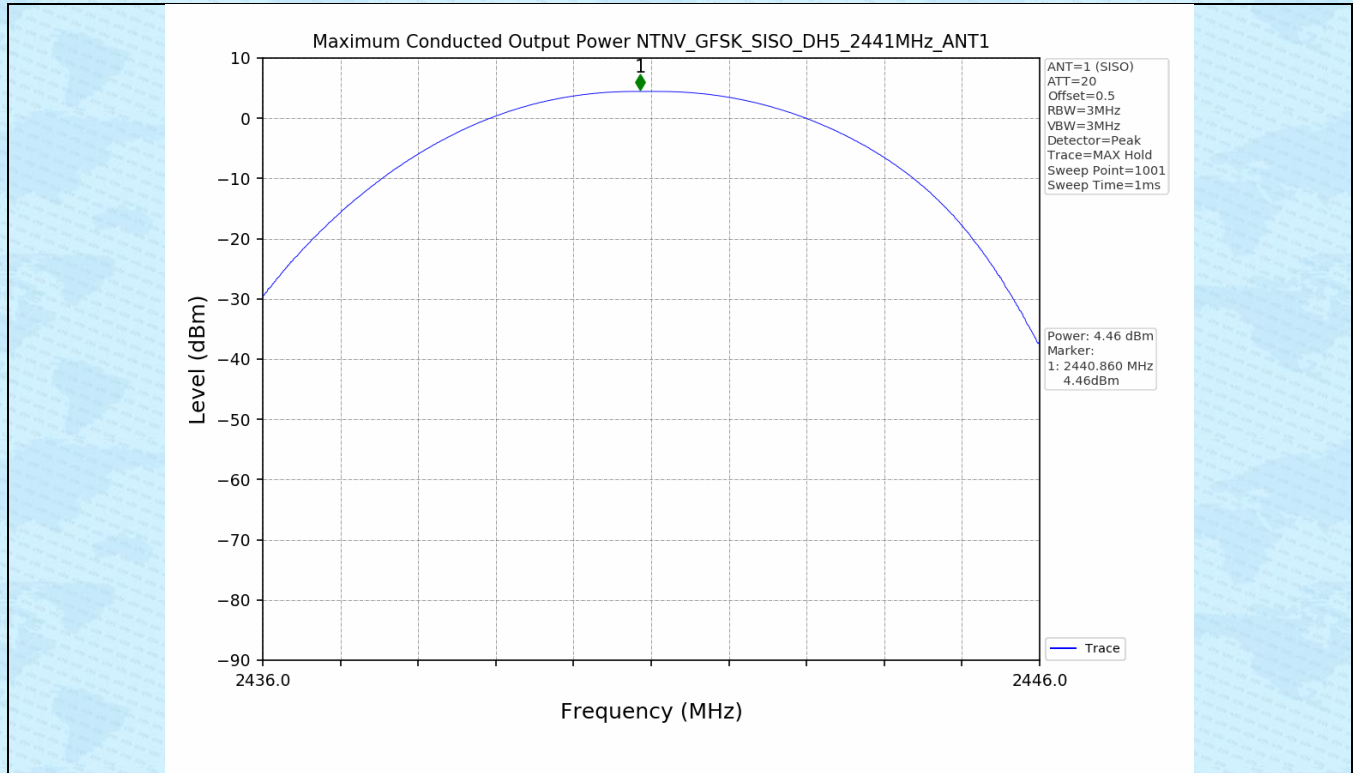
2. Maximum Conducted Output Power

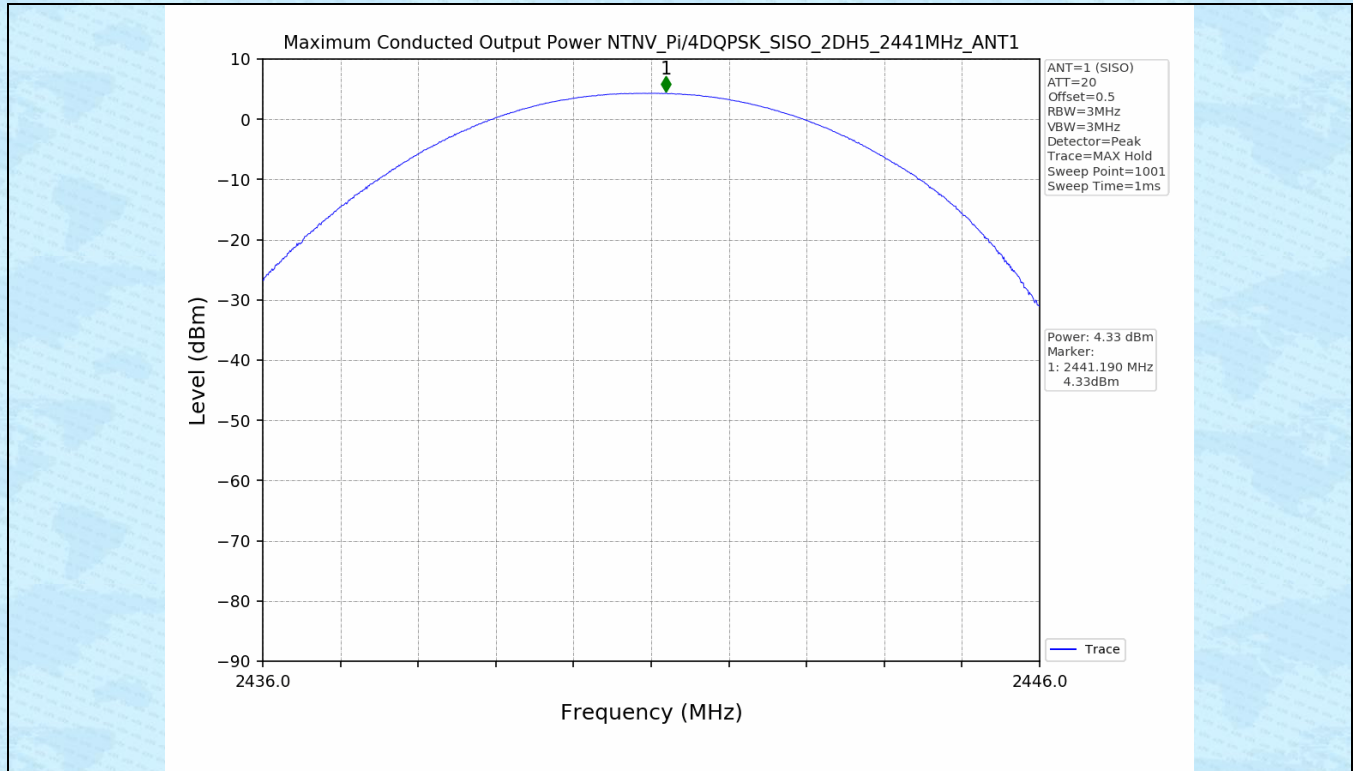
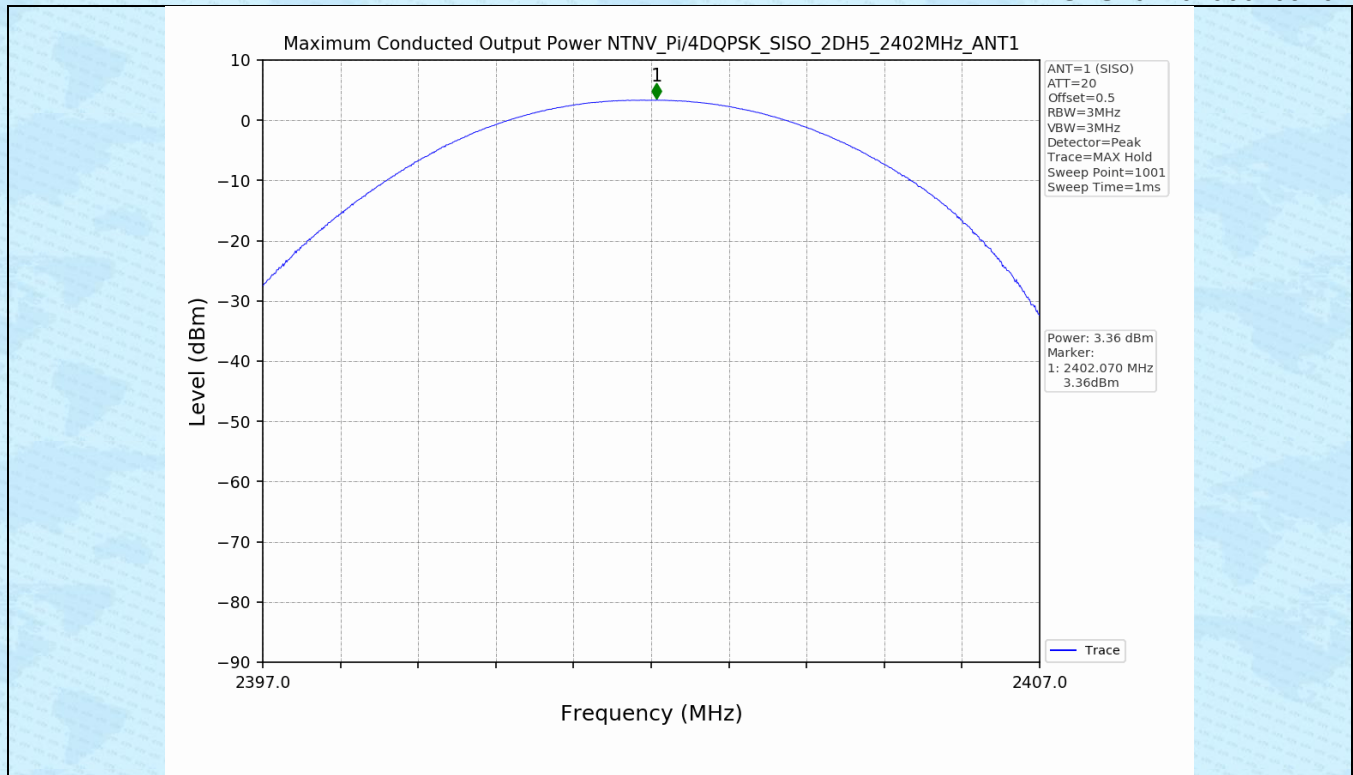
2.1 Test Result

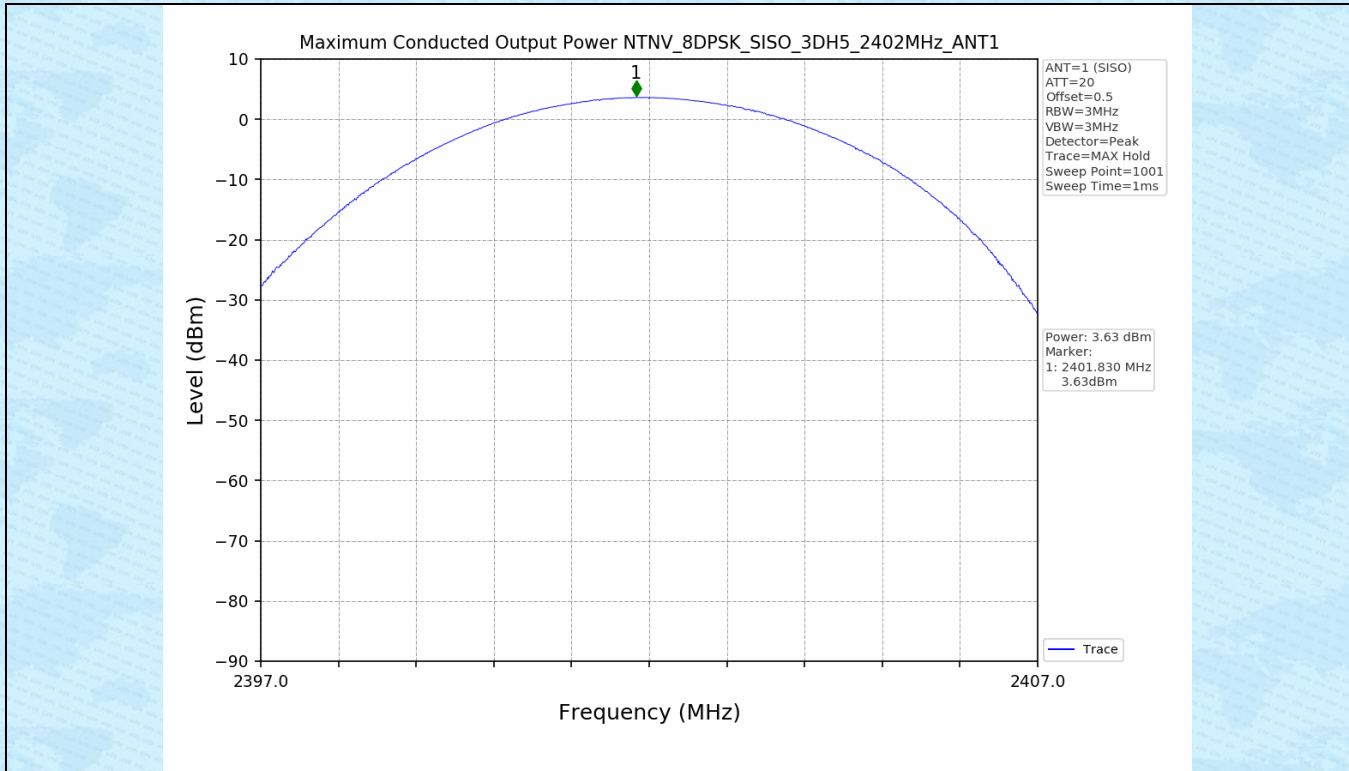
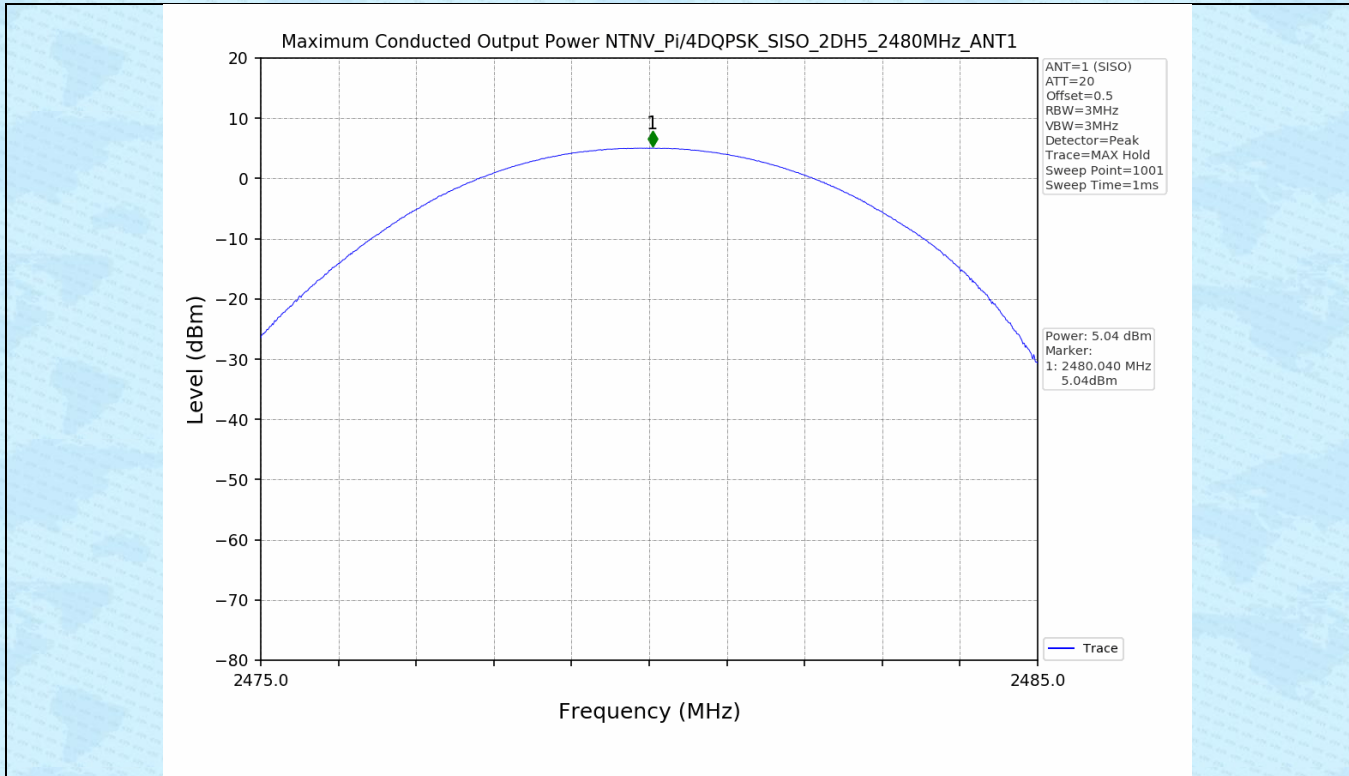
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	3.35	20.97	PASS
	2441	SISO	4.46	20.97	PASS
	2480	SISO	5.58	20.97	PASS
Pi/4DQPSK	2402	SISO	3.36	20.97	PASS
	2441	SISO	4.33	20.97	PASS
	2480	SISO	5.04	20.97	PASS
8DPSK	2402	SISO	3.63	20.97	PASS
	2441	SISO	4.61	20.97	PASS
	2480	SISO	5.32	20.97	PASS

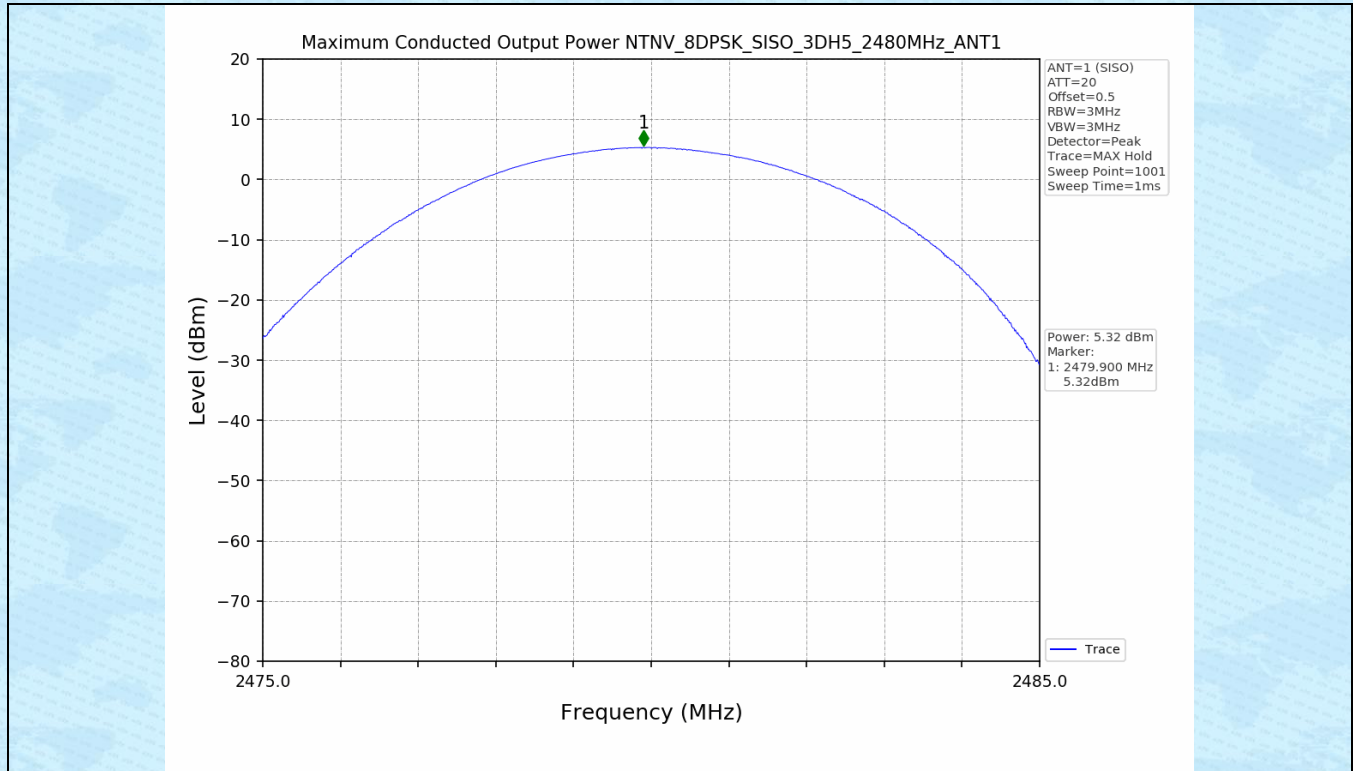
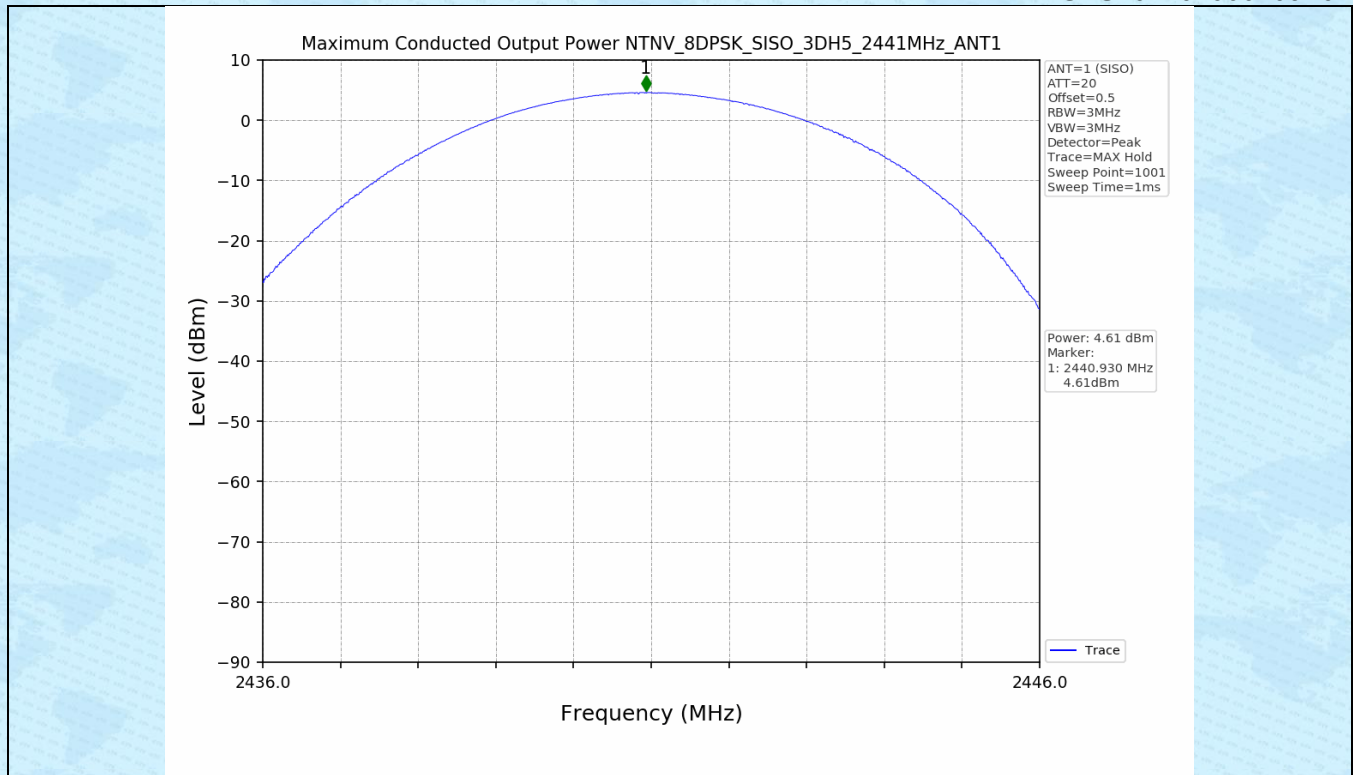
2.2 Test Graph









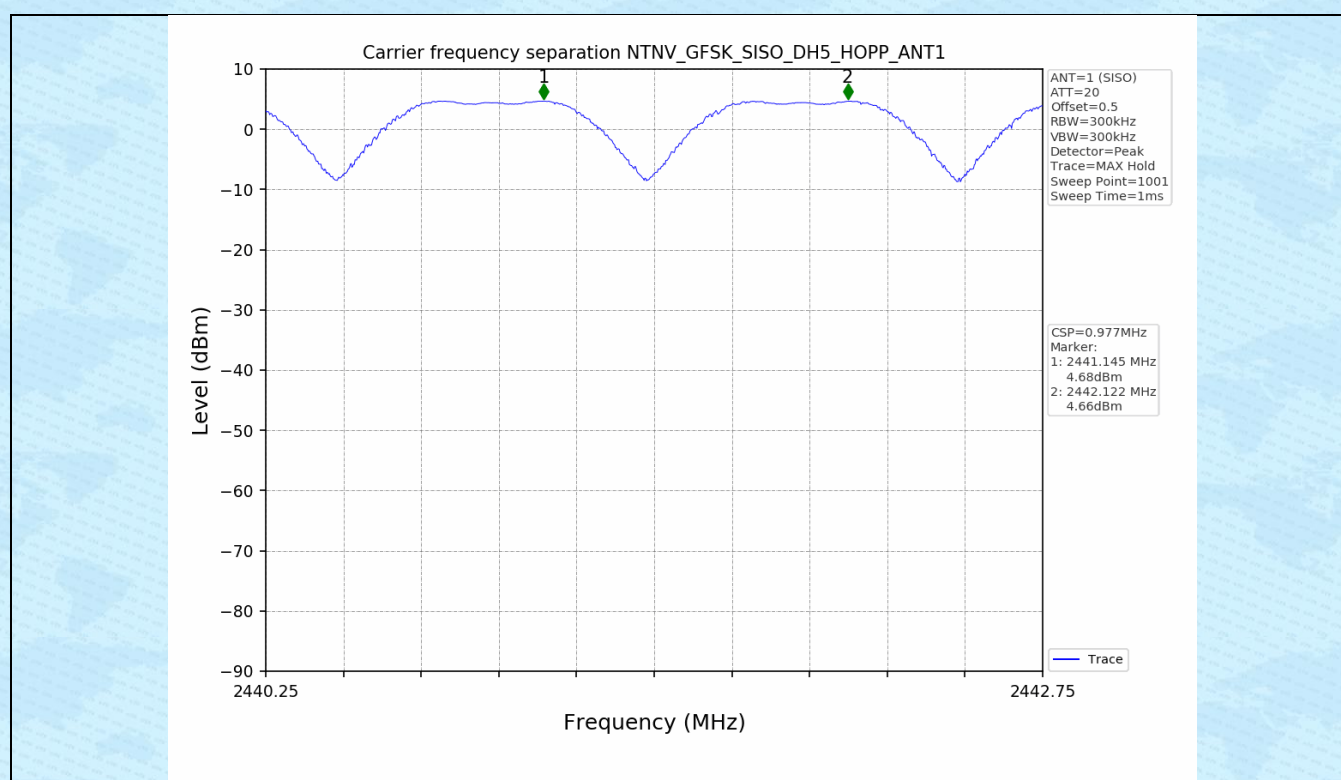


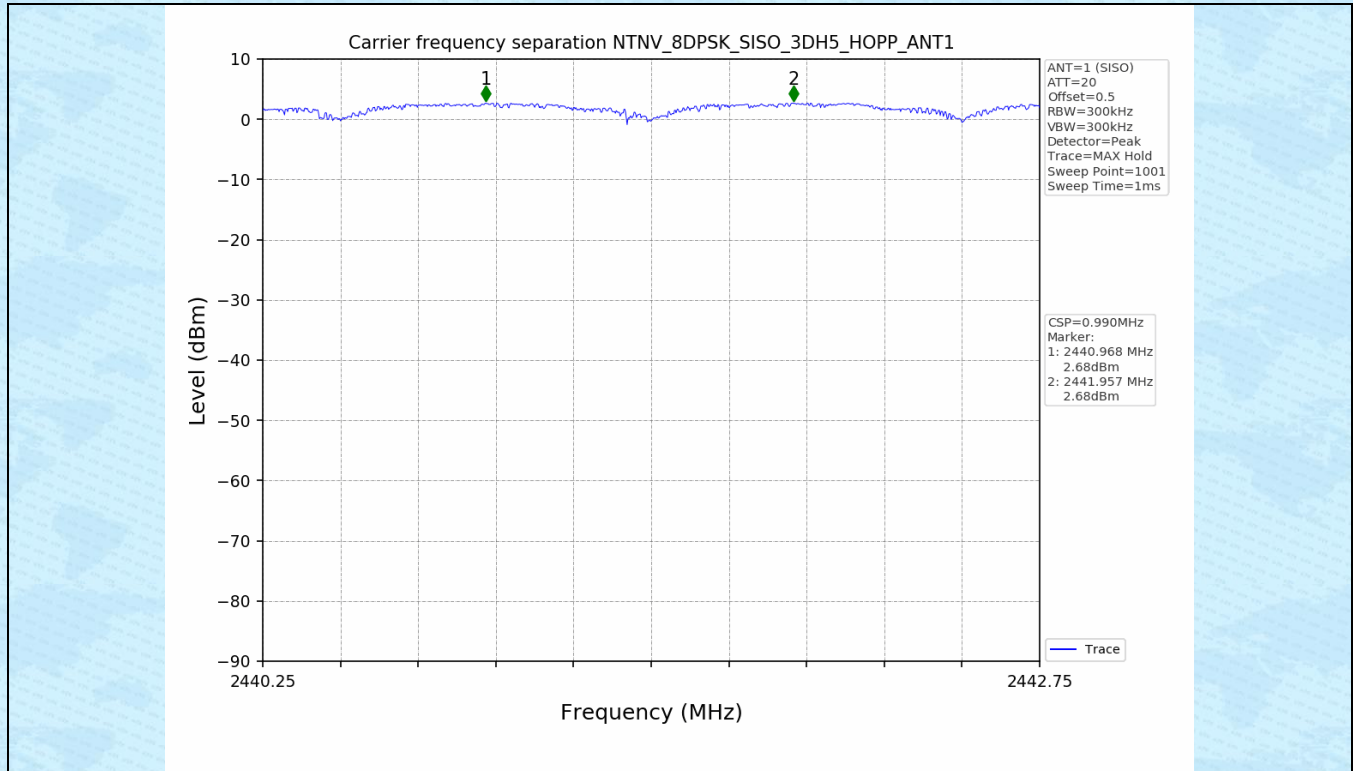
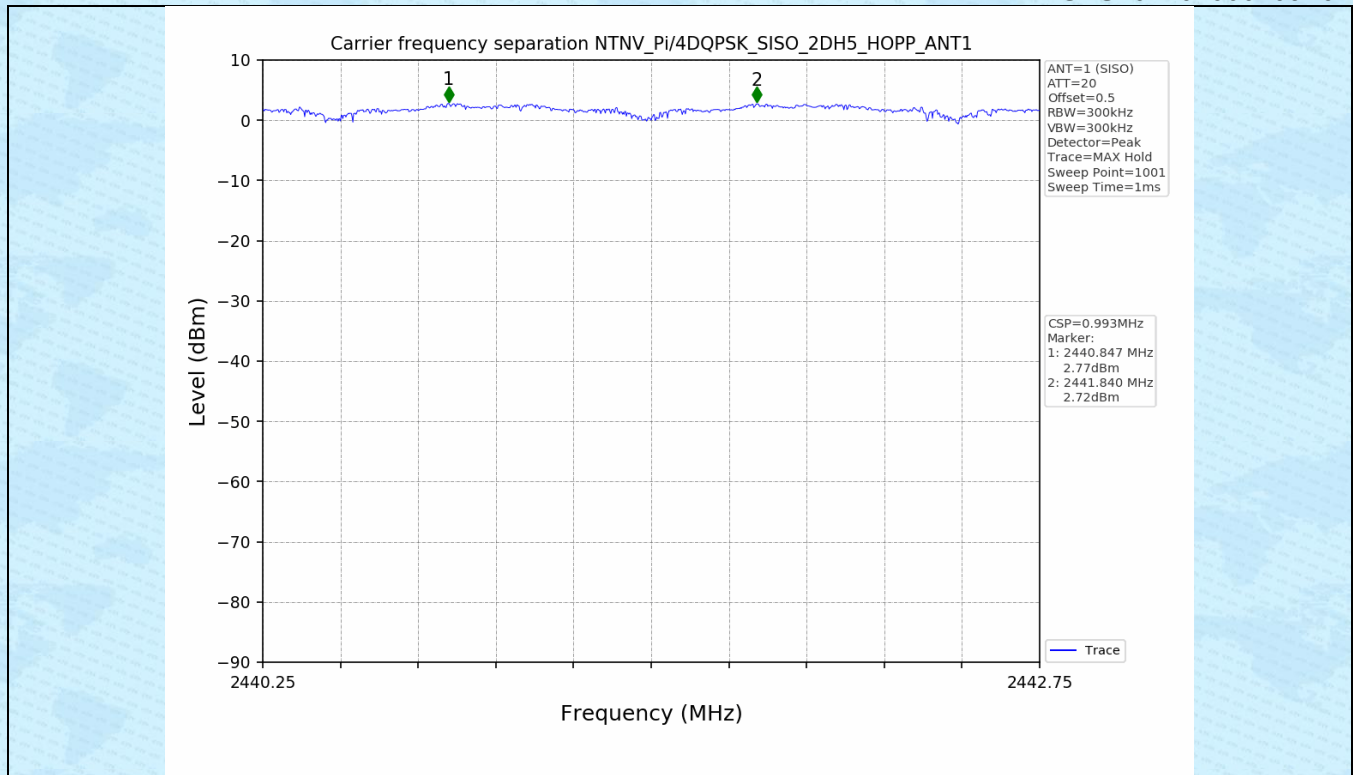
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.977	1.019	≥ 0.679	PASS
Pi/4DQPSK	SISO	1	0.993	1.364	≥ 0.909	PASS
8DPSK	SISO	1	0.990	1.316	≥ 0.877	PASS

3.2 Test Graph



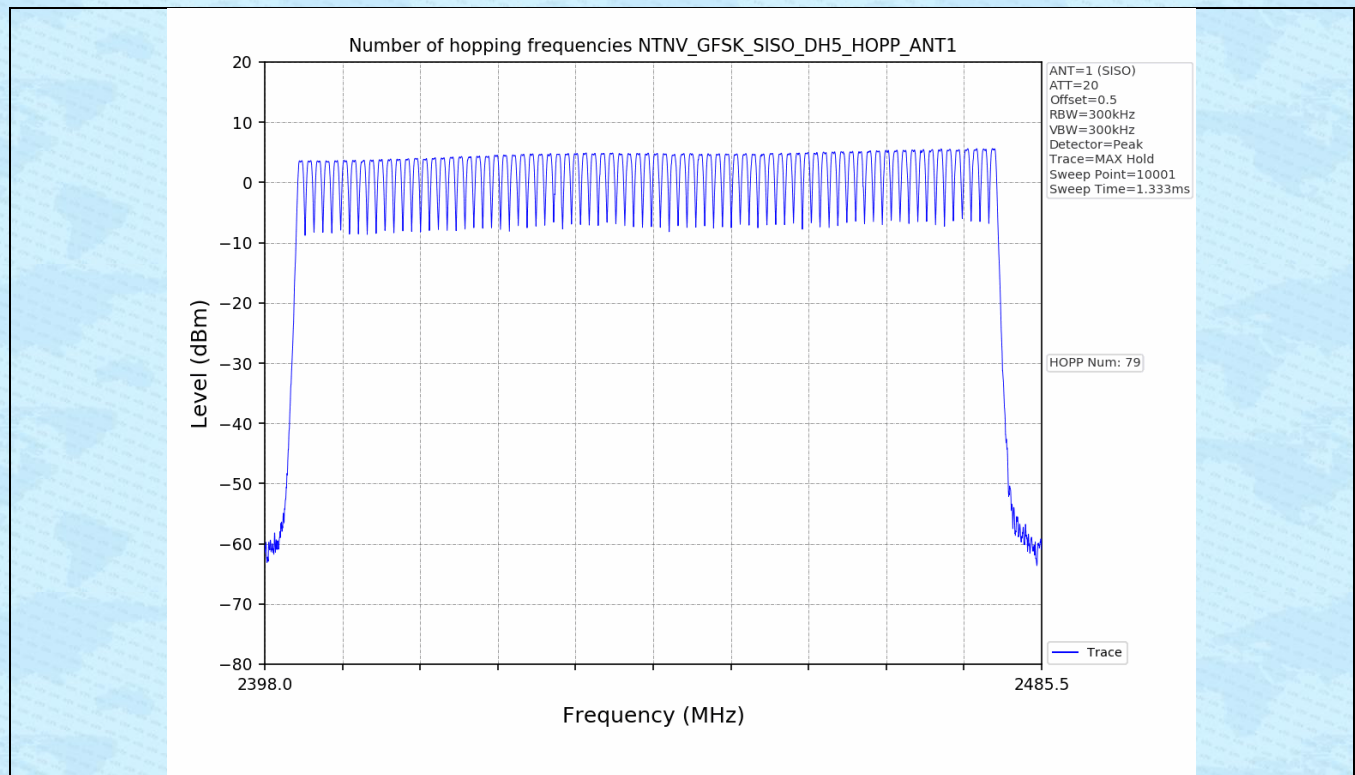


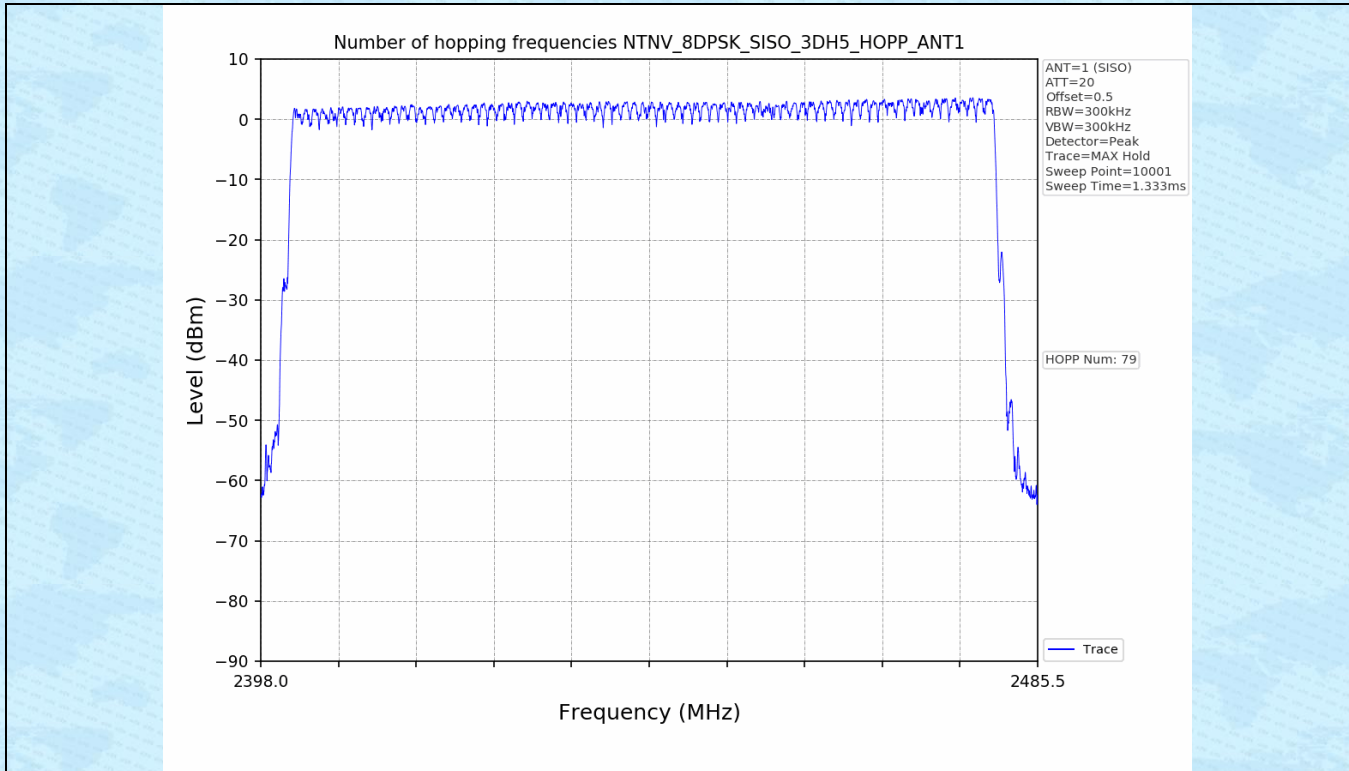
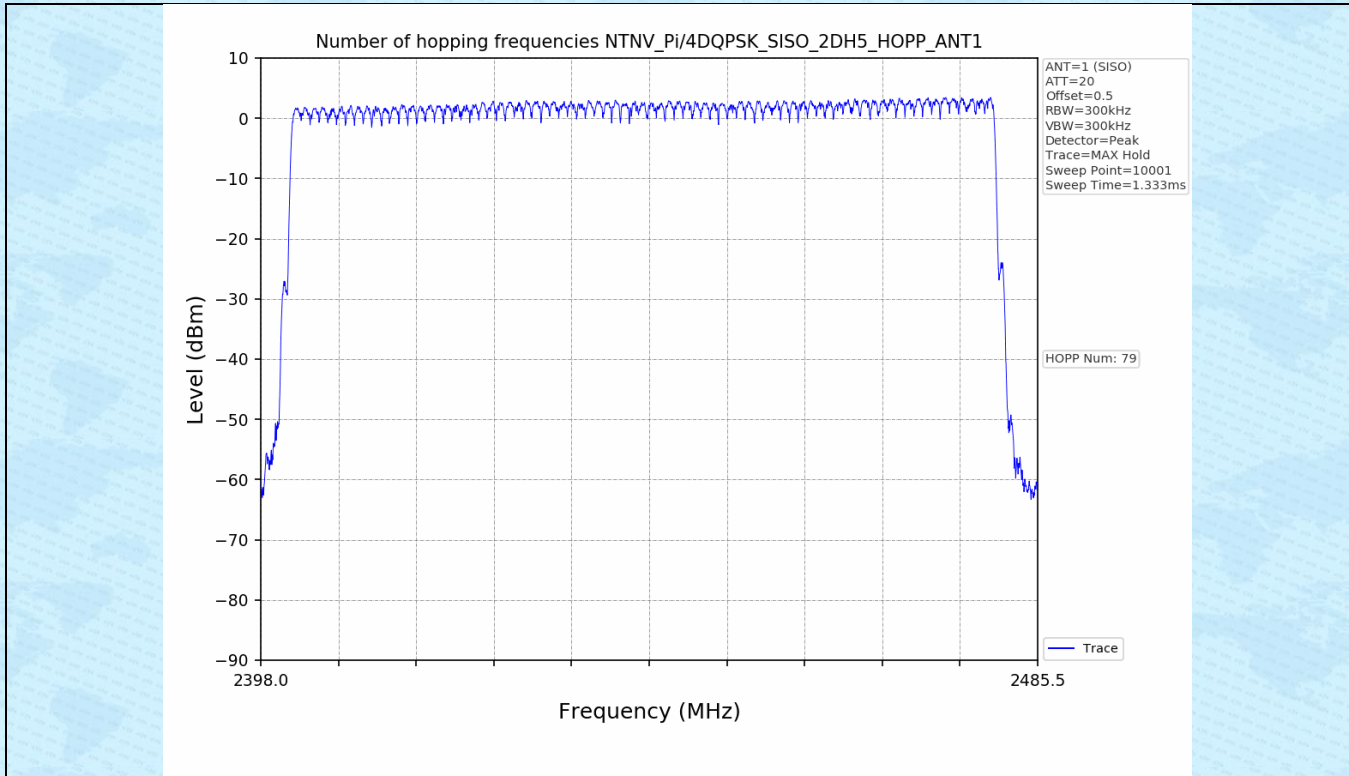
4. Number of hopping frequencies

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



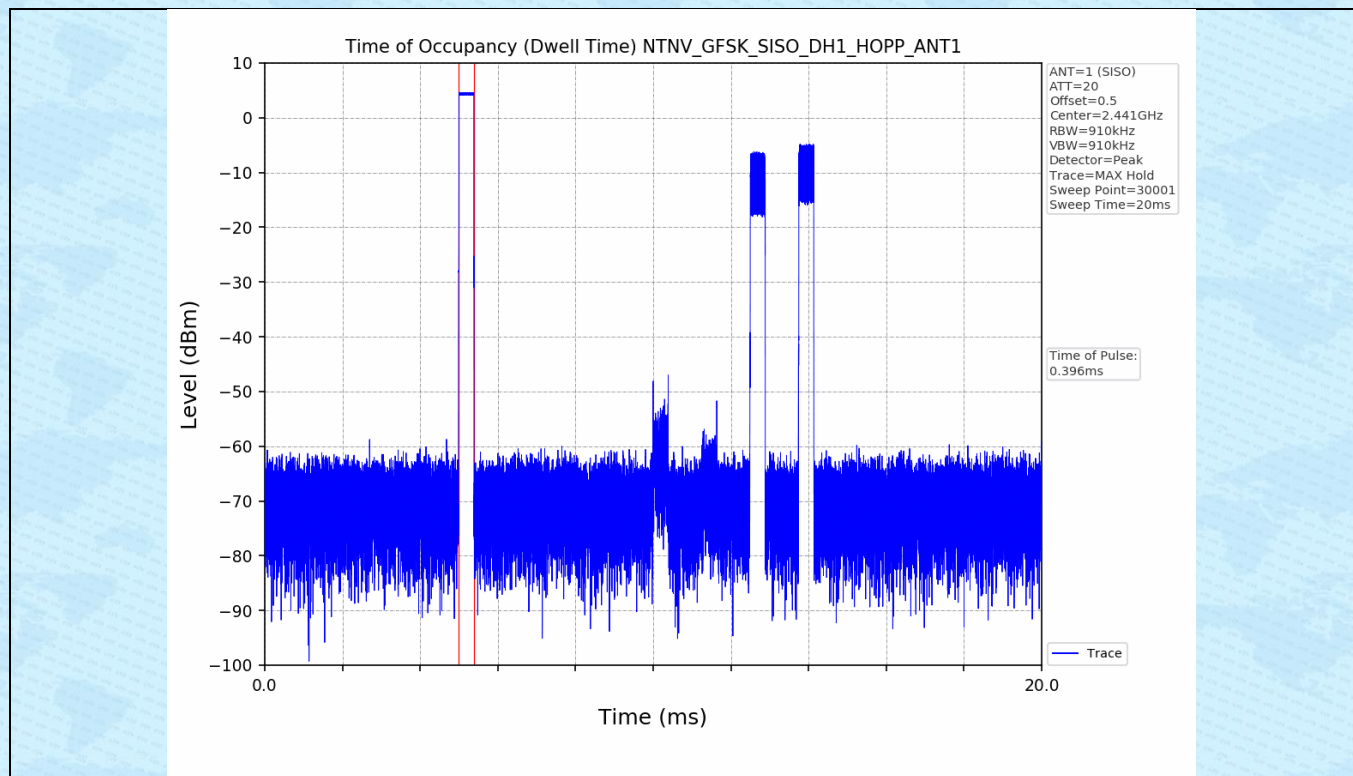


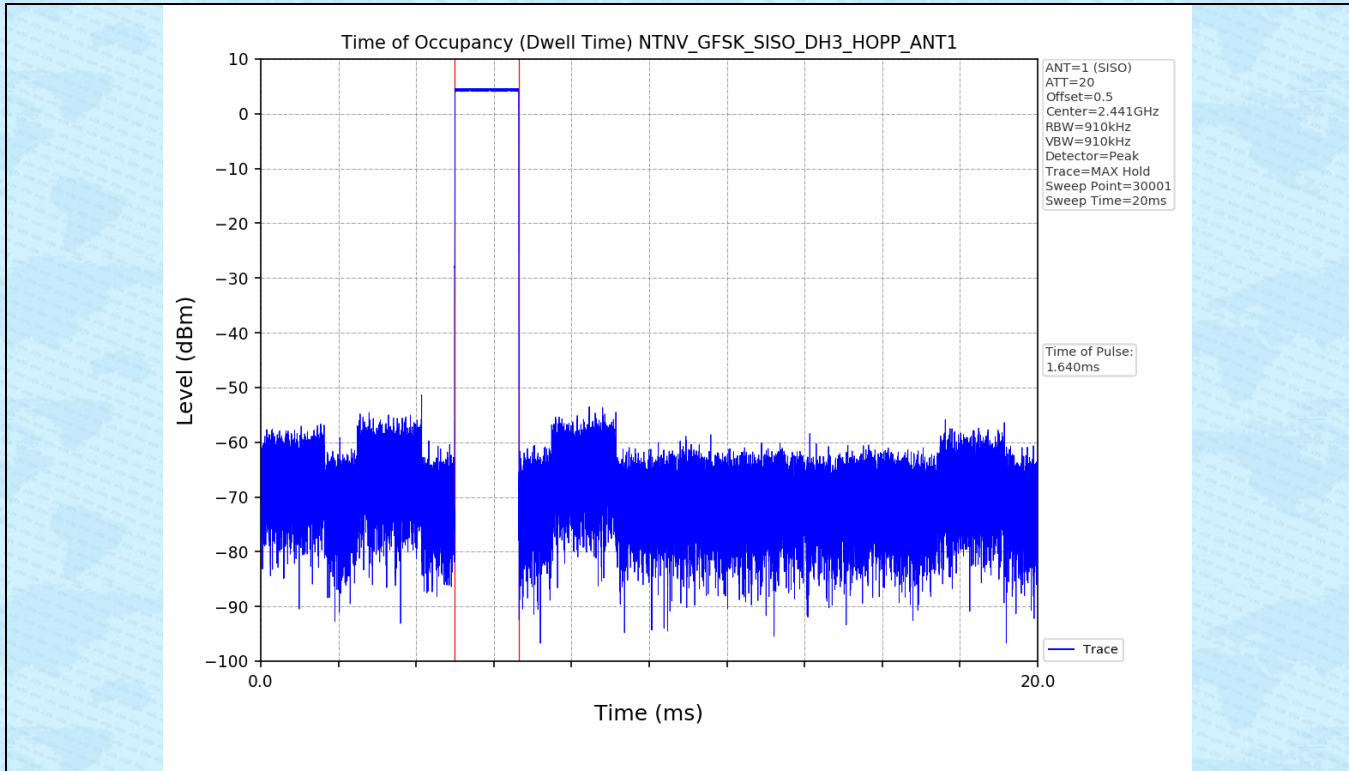
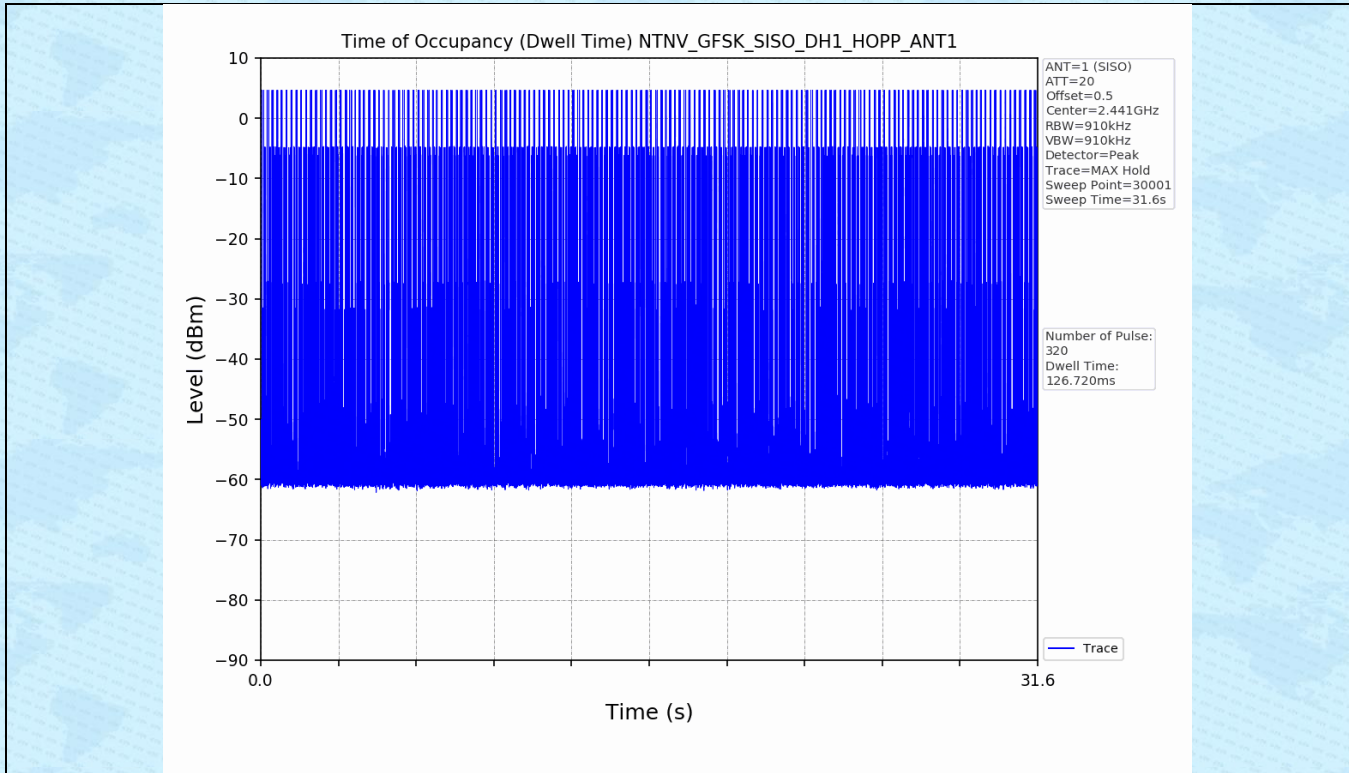
5. Time of Occupancy (Dwell Time)

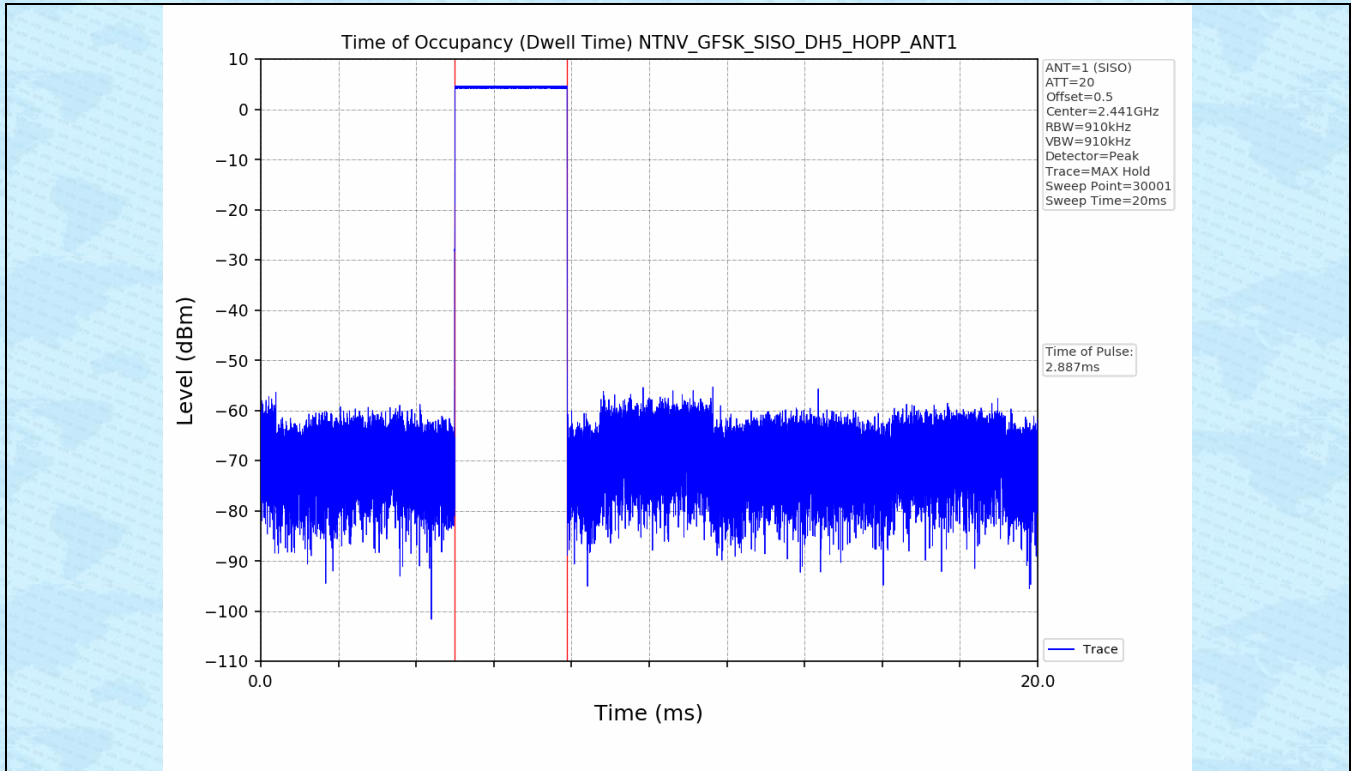
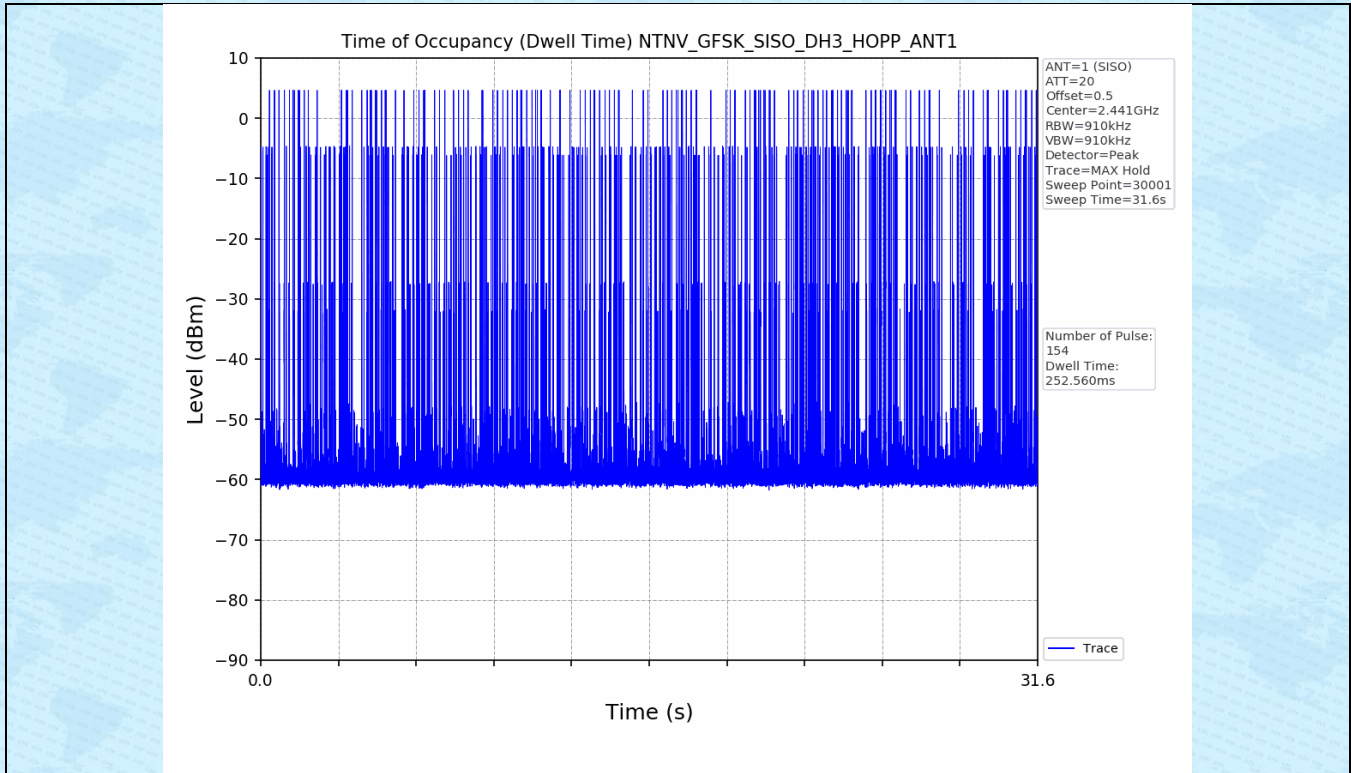
5.1 Test Result

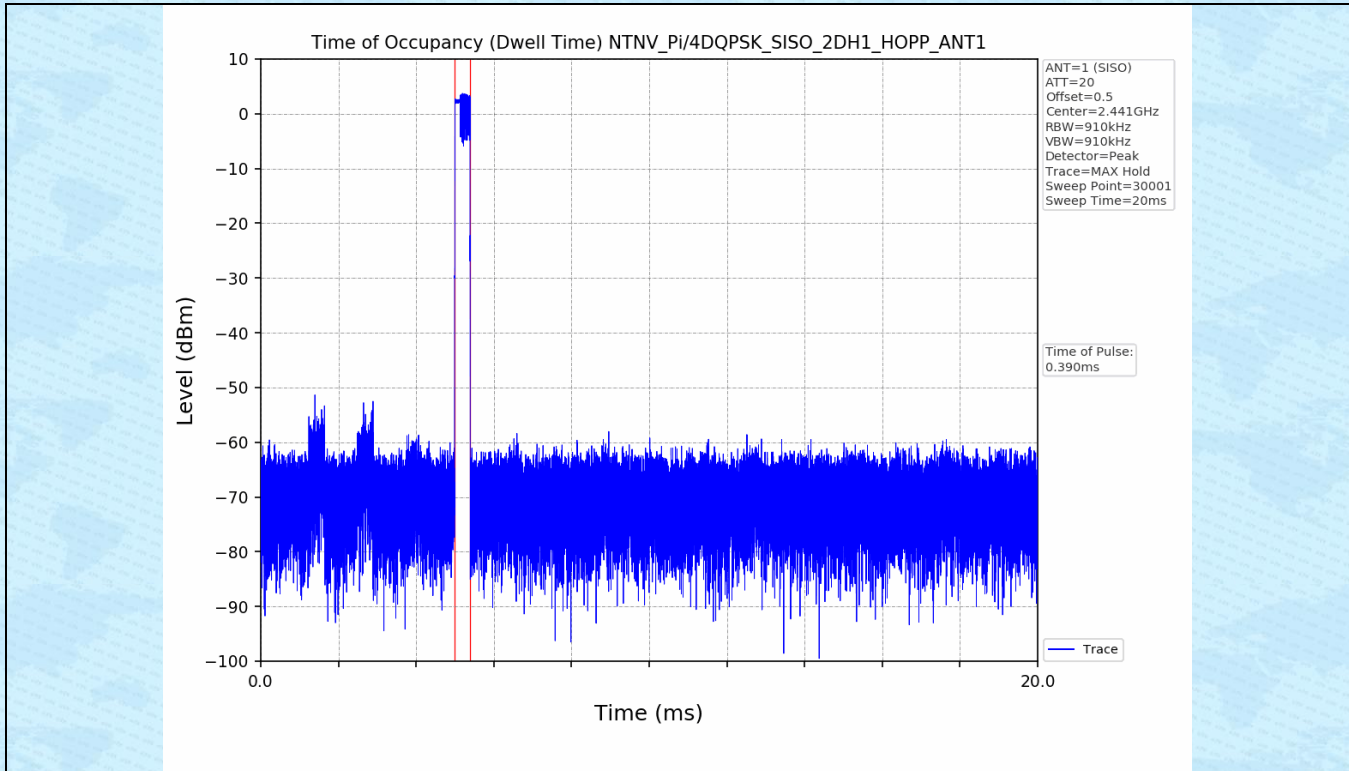
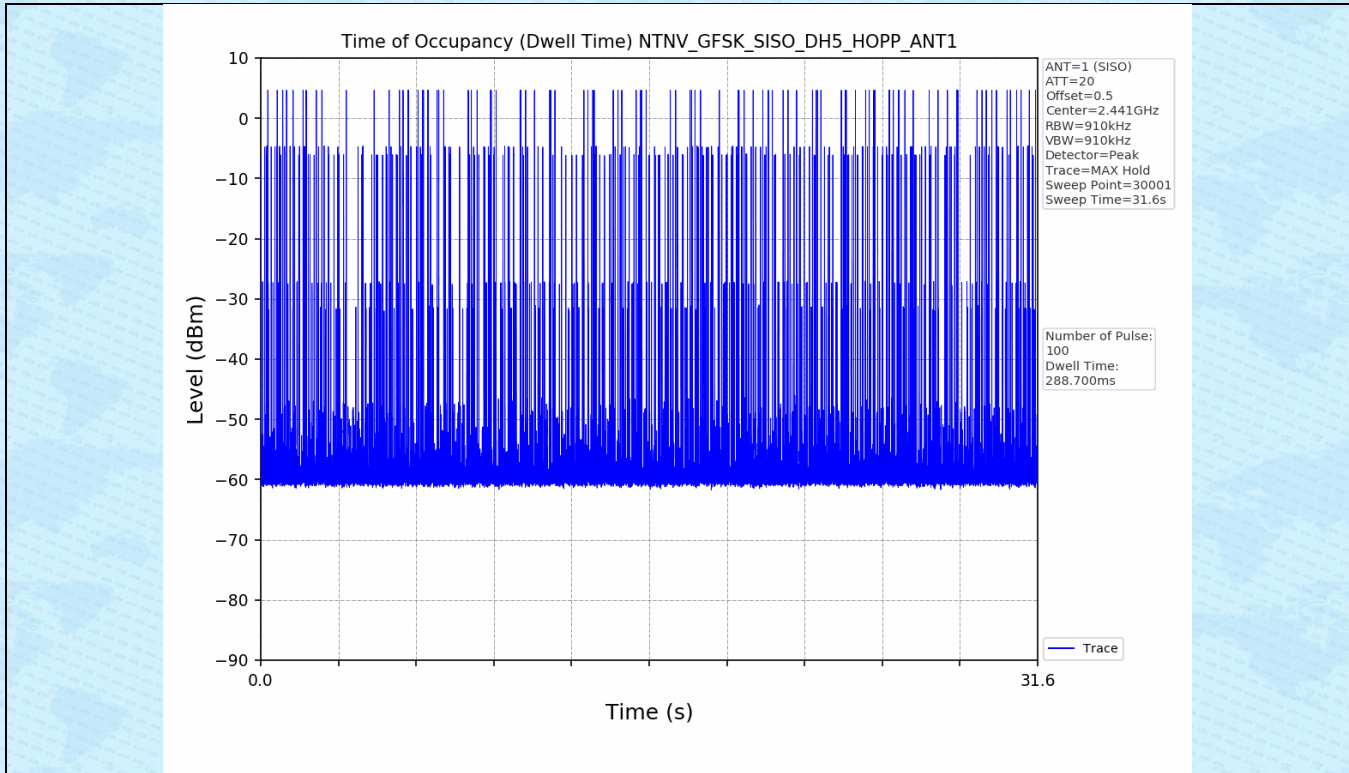
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.396	31.6	320	126.720	≤400	PASS
	DH3	SISO	1	1.640	31.6	154	252.560	≤400	PASS
	DH5	SISO	1	2.887	31.6	100	288.700	≤400	PASS
Pi/4DQ PSK	2DH1	SISO	1	0.390	31.6	320	124.800	≤400	PASS
	2DH3	SISO	1	1.643	31.6	161	264.523	≤400	PASS
	2DH5	SISO	1	2.890	31.6	96	277.440	≤400	PASS
8DPSK	3DH1	SISO	1	0.391	31.6	320	125.120	≤400	PASS
	3DH3	SISO	1	1.653	31.6	159	262.827	≤400	PASS
	3DH5	SISO	1	2.836	31.6	108	306.288	≤400	PASS

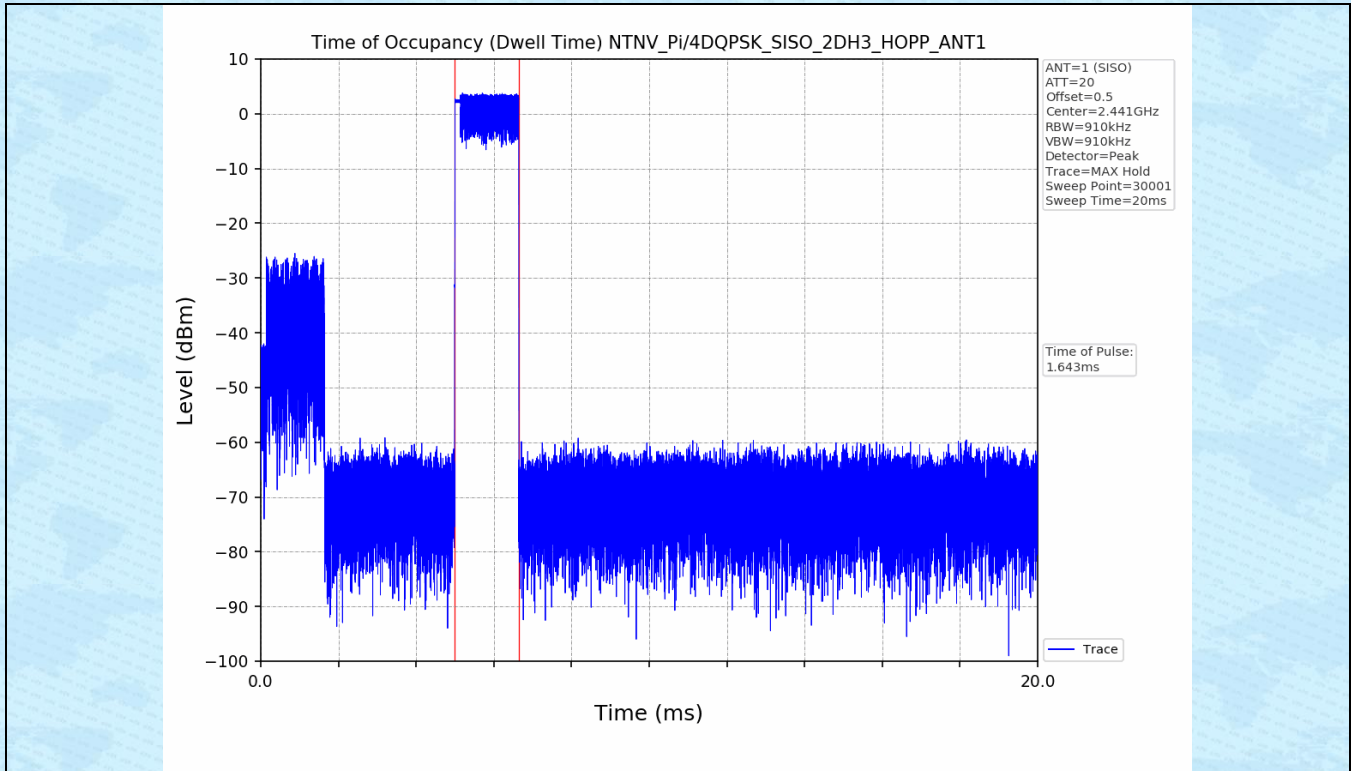
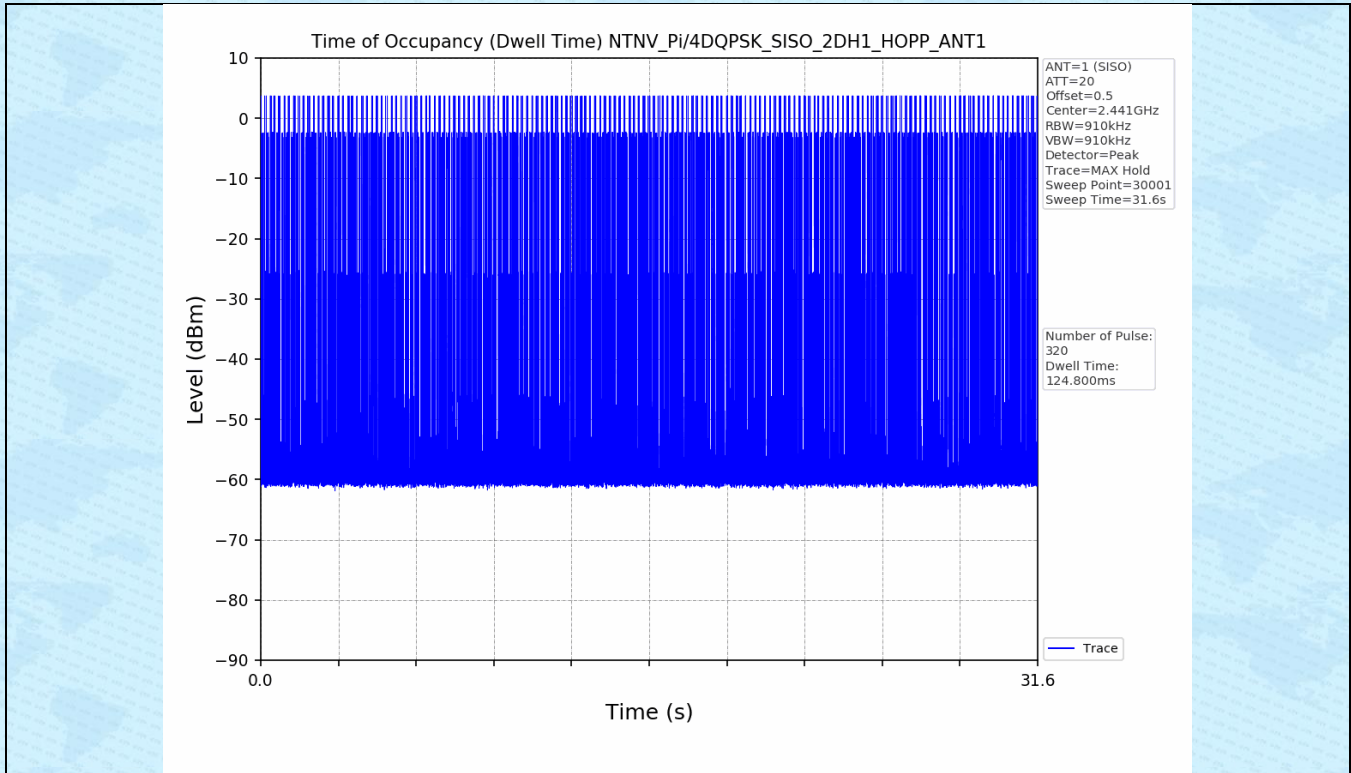
5.2 Test Graph

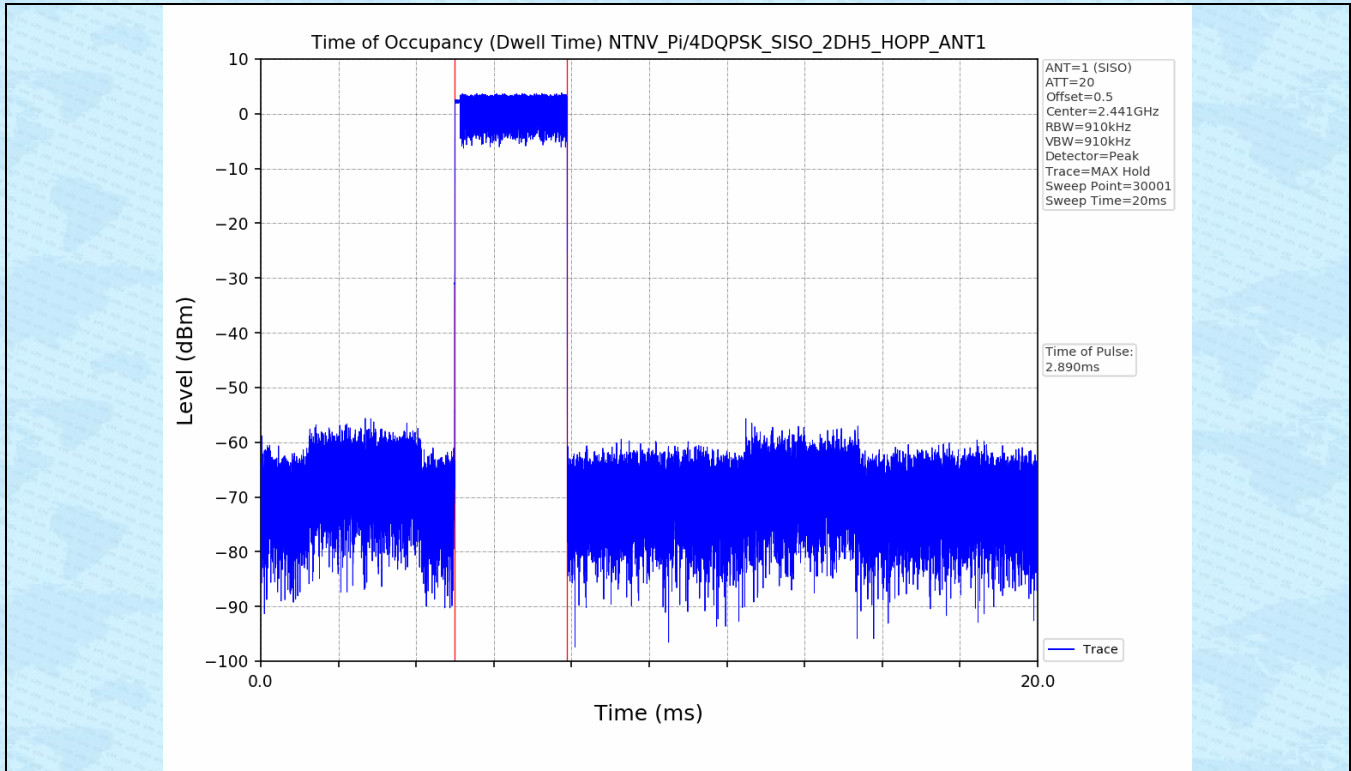
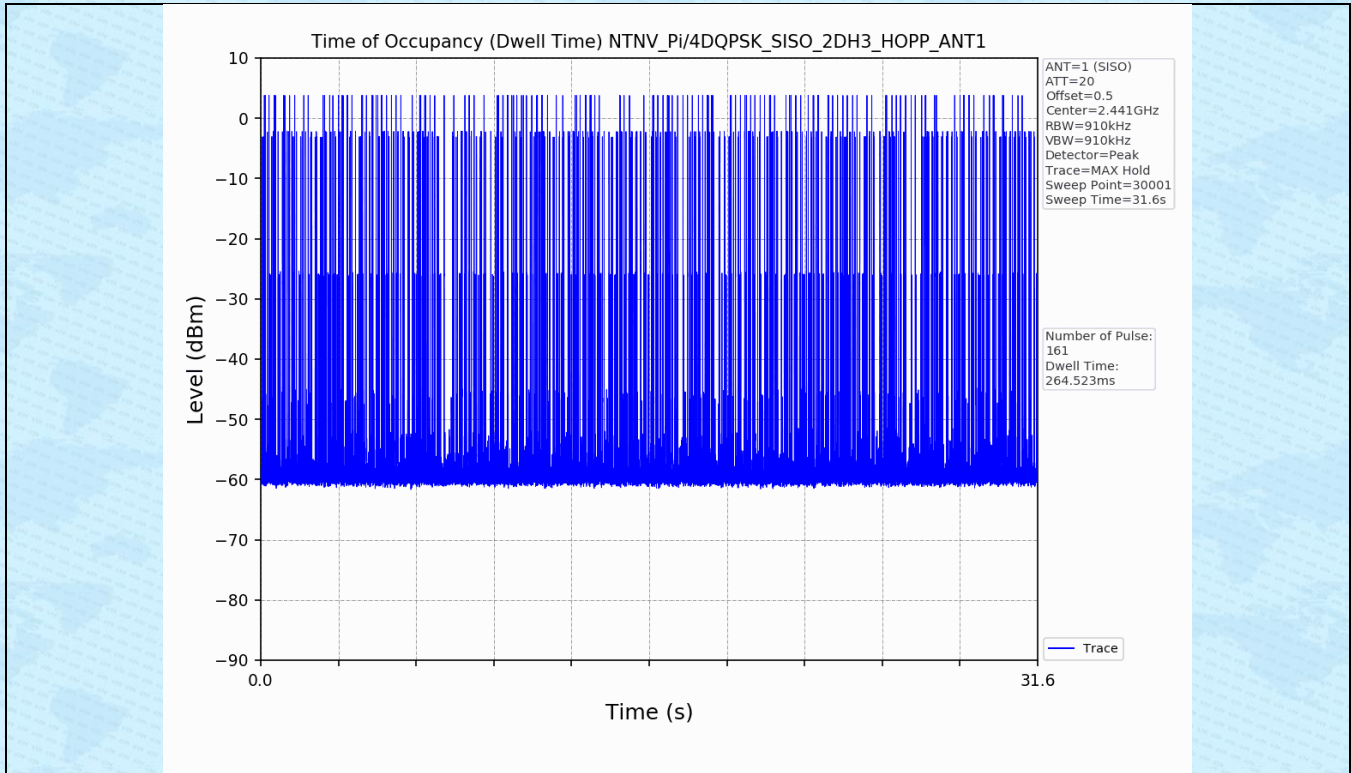


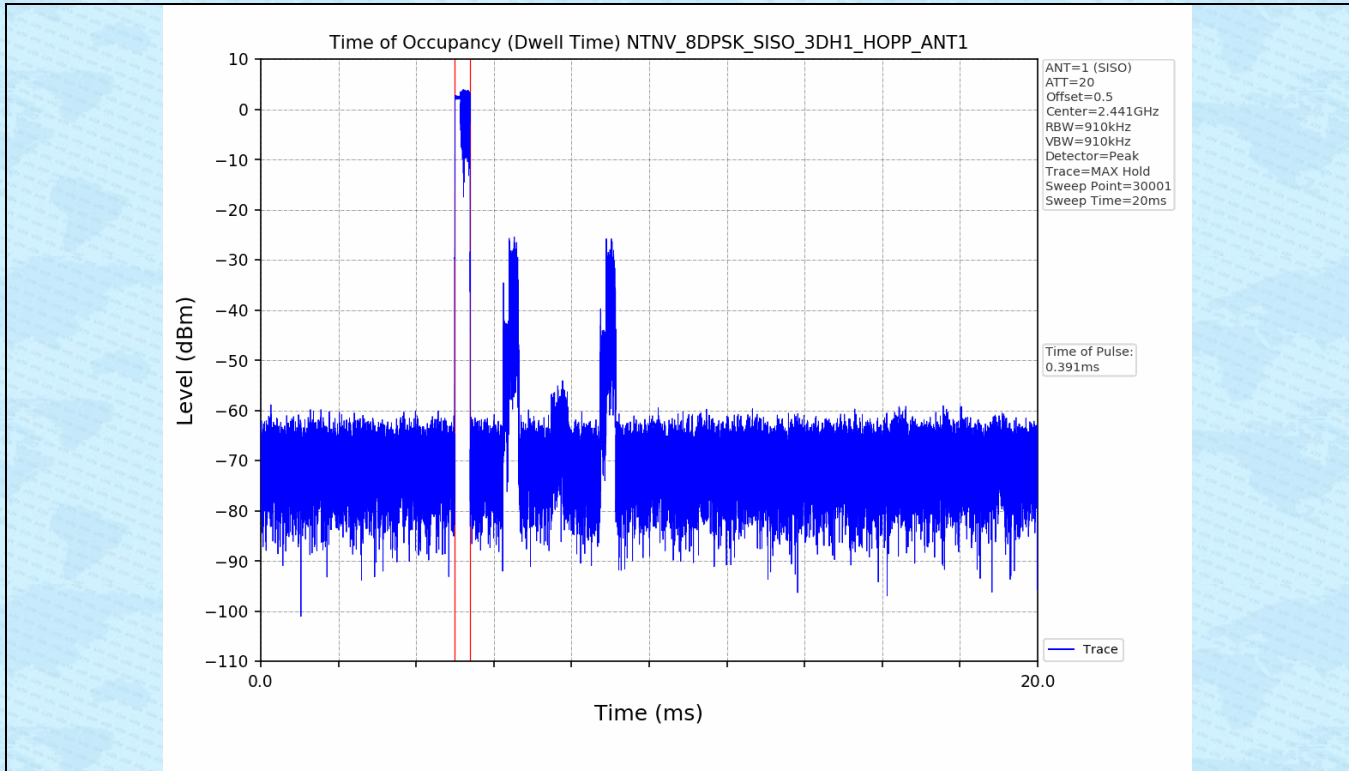
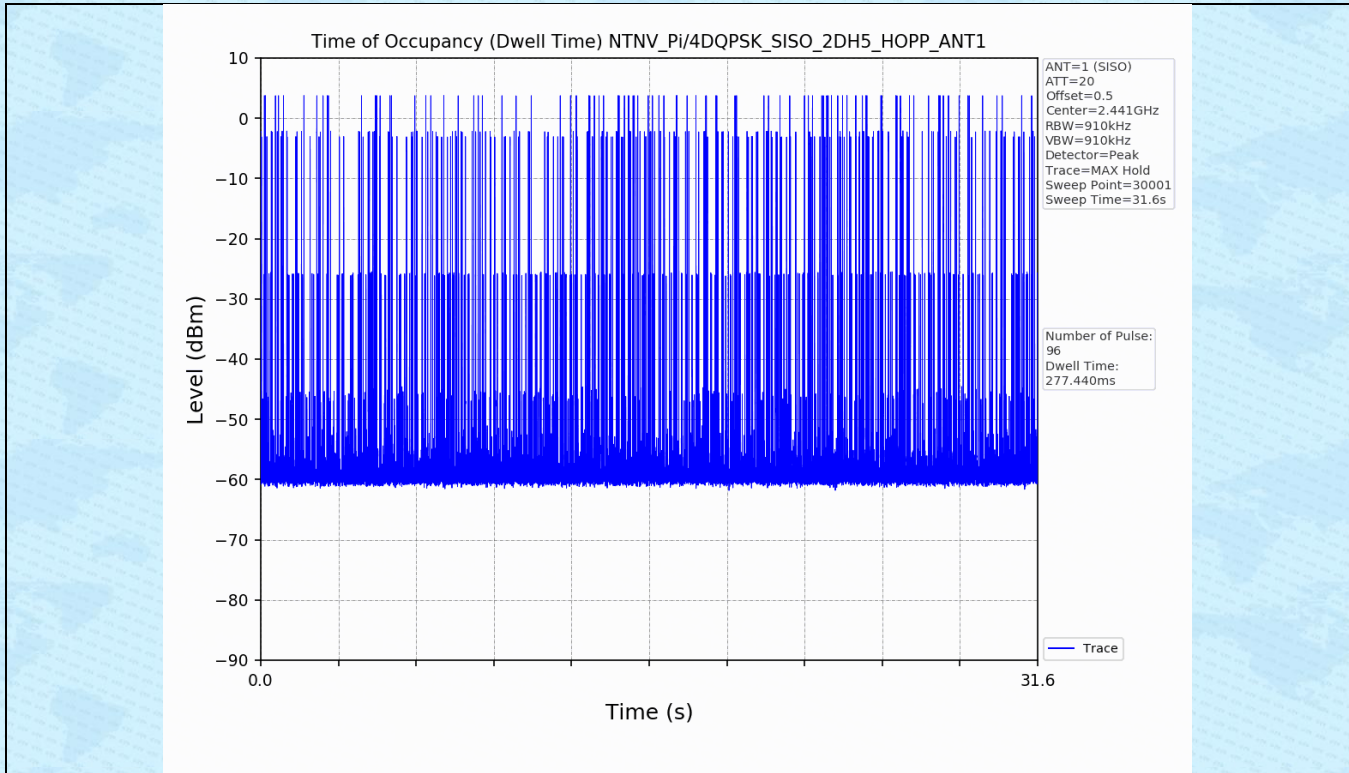


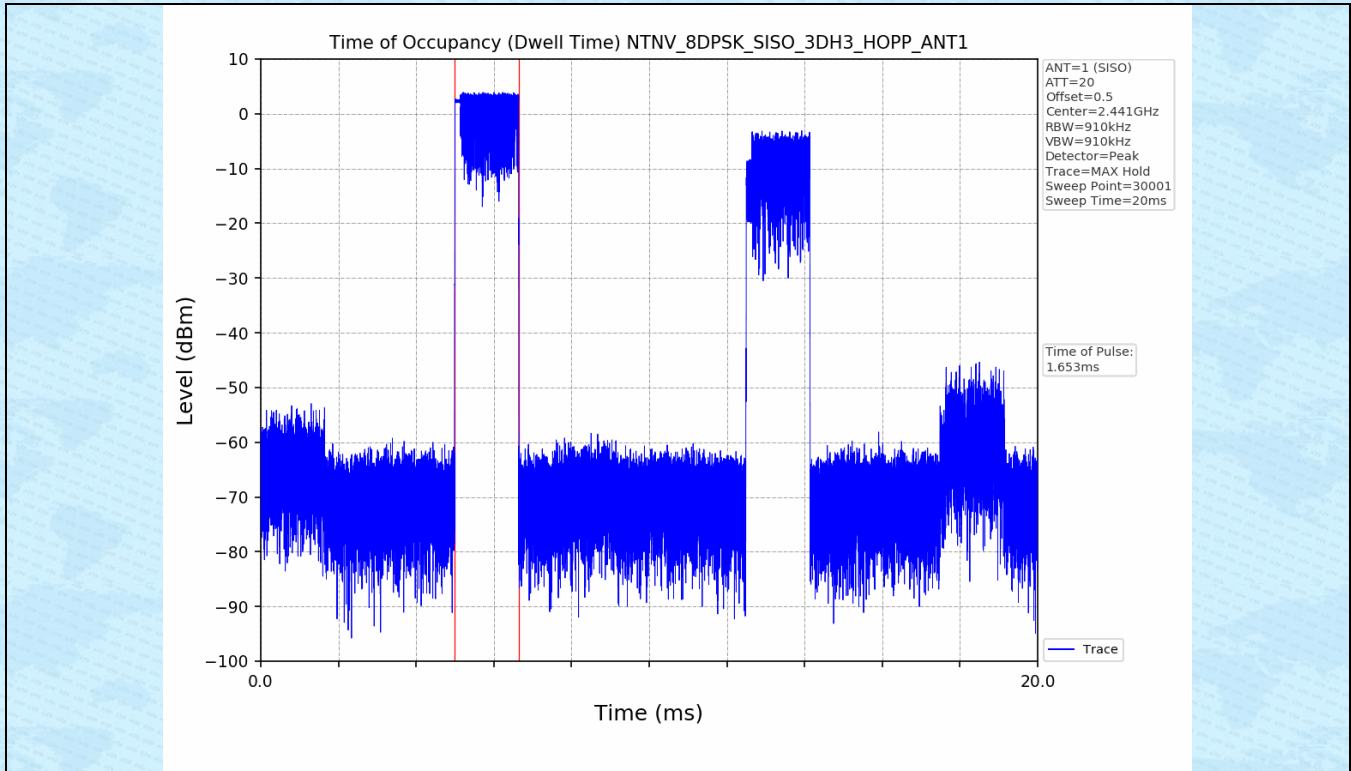
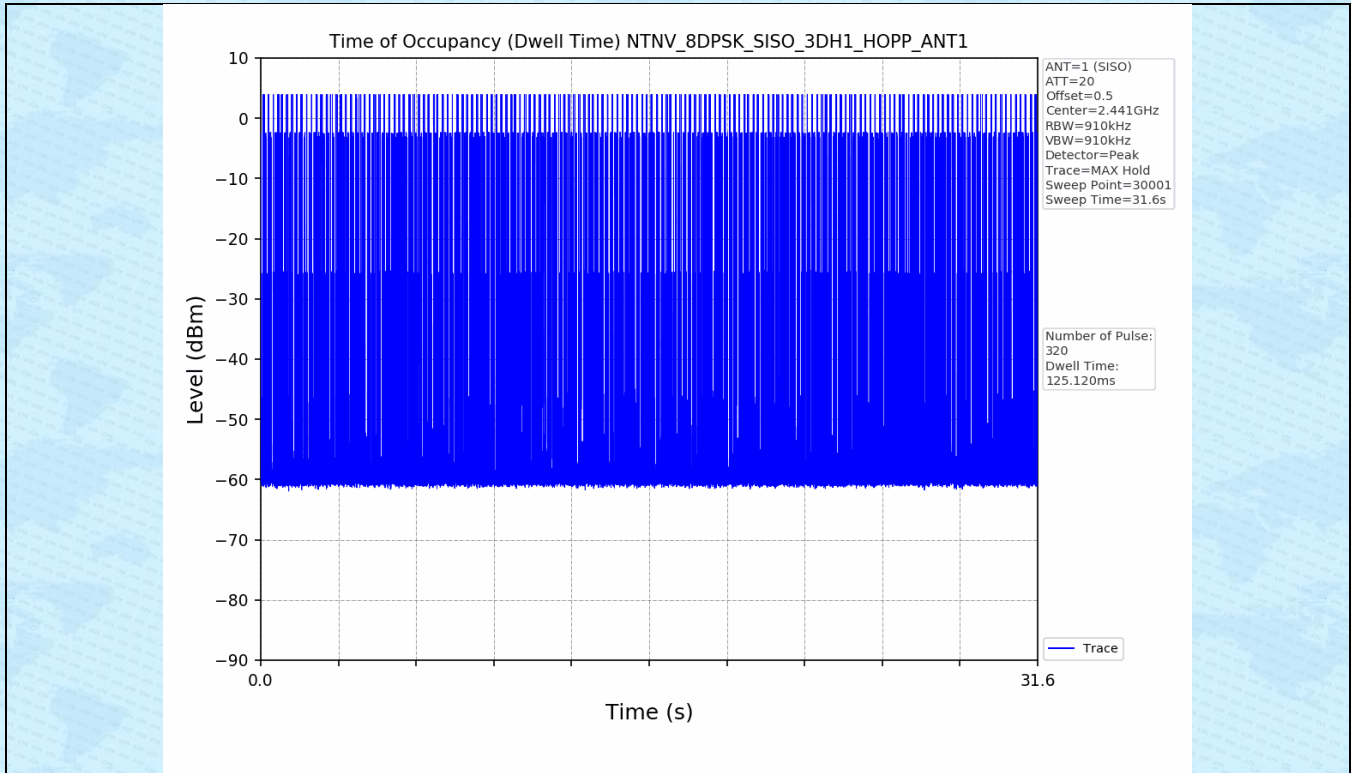


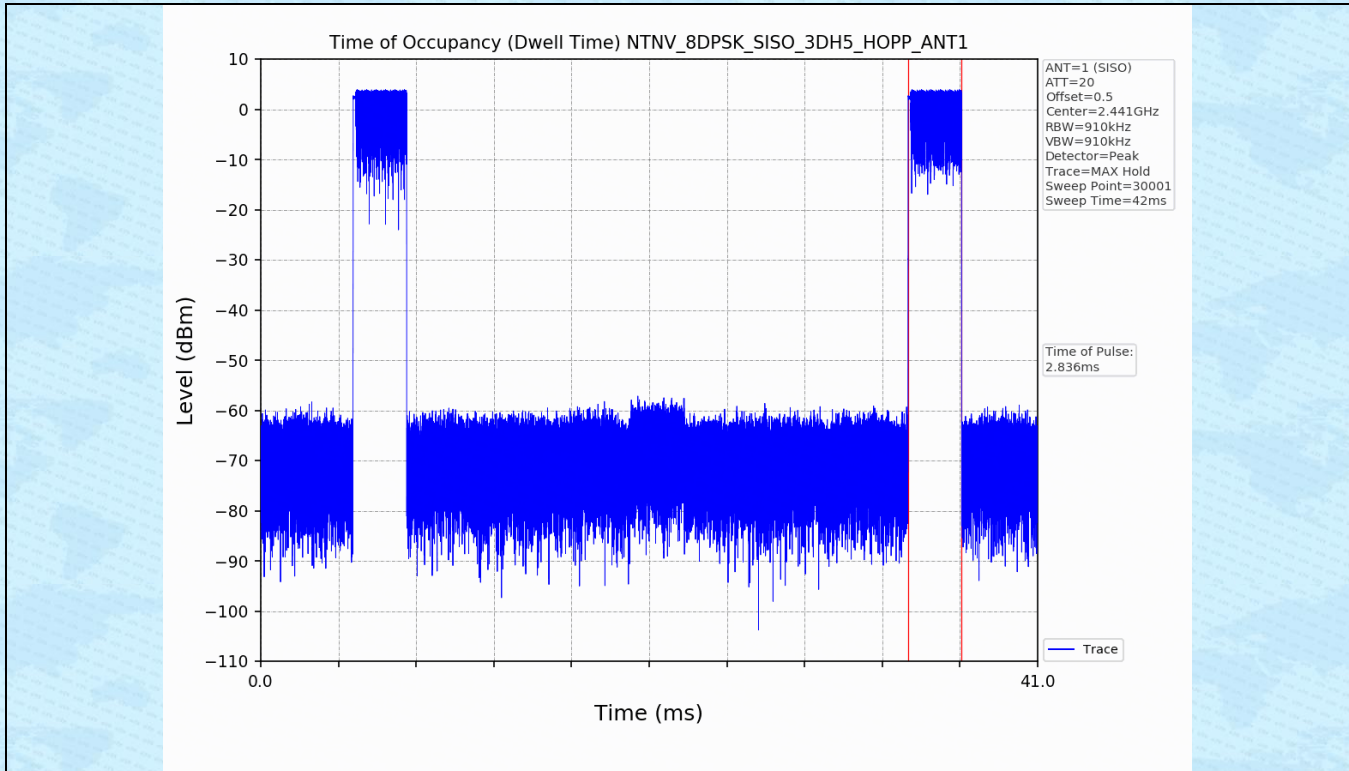
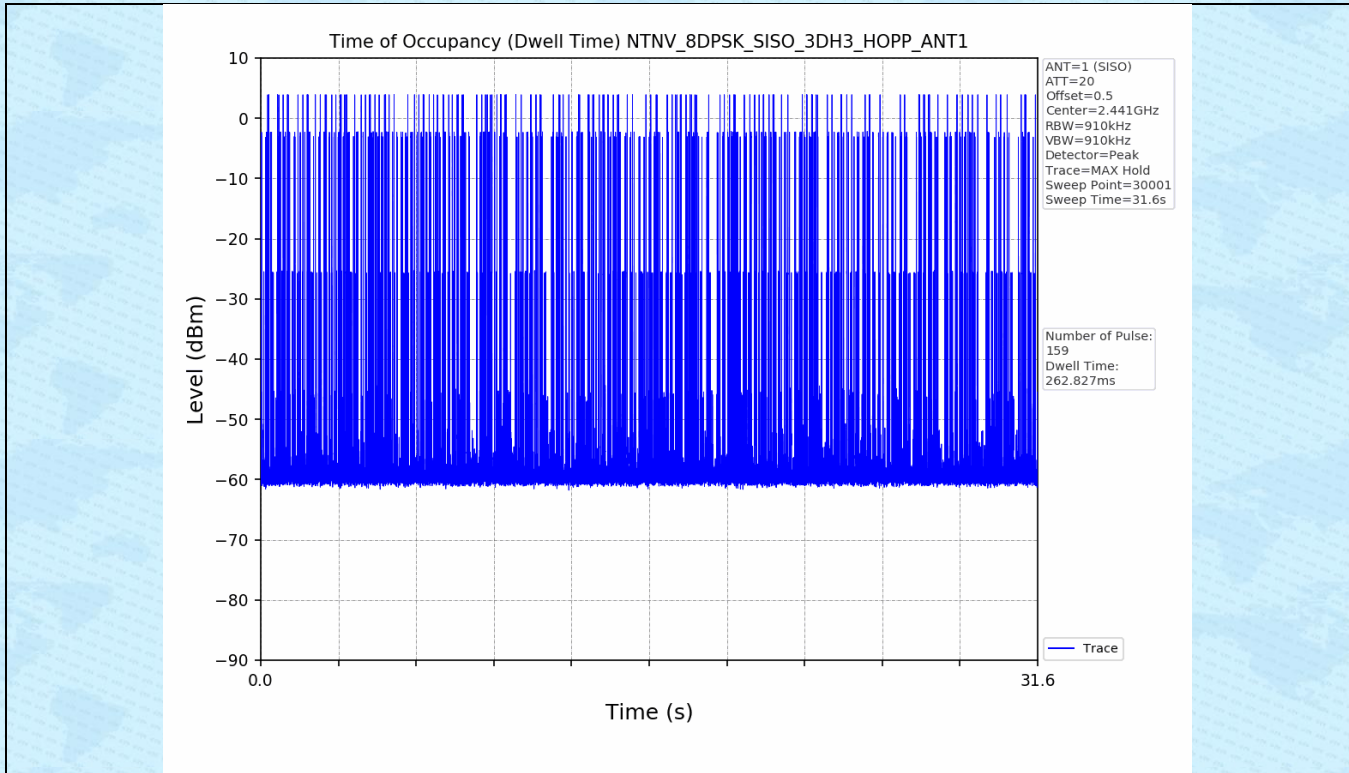


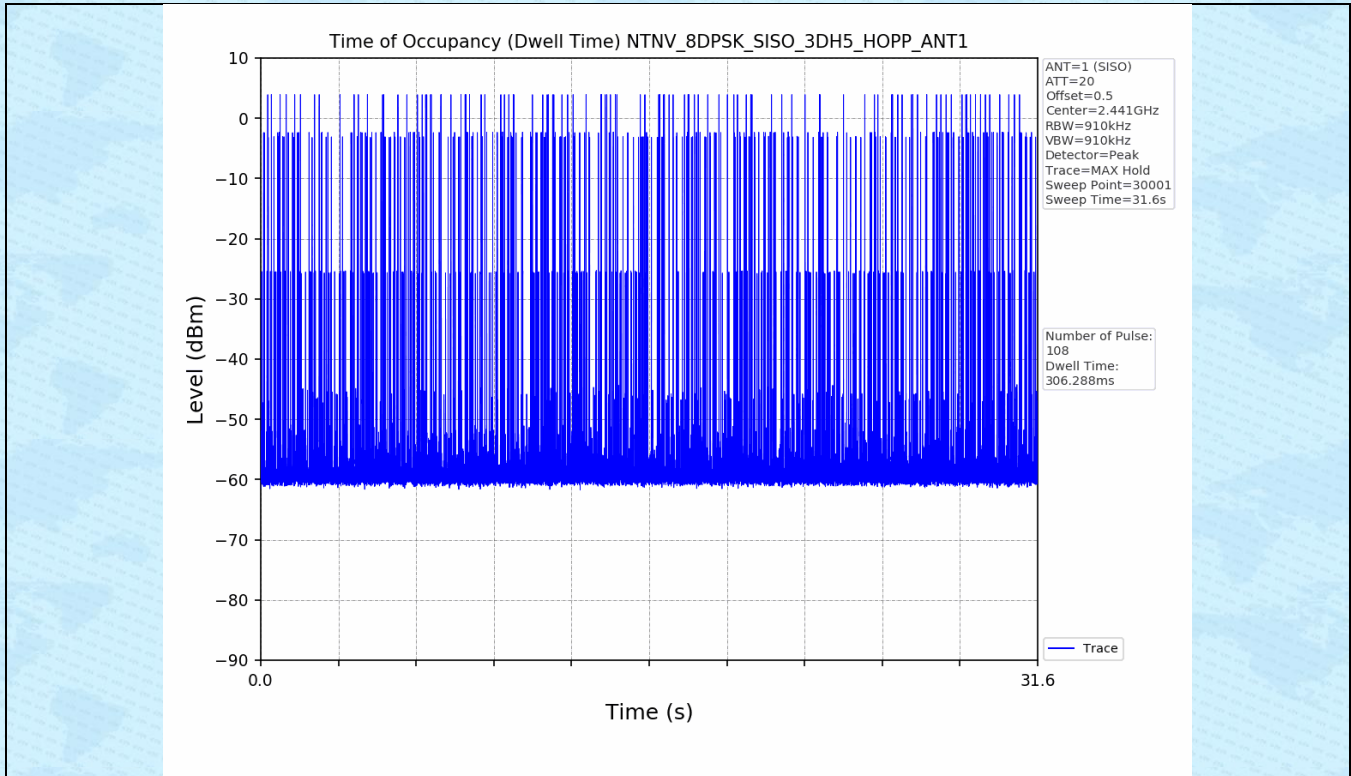










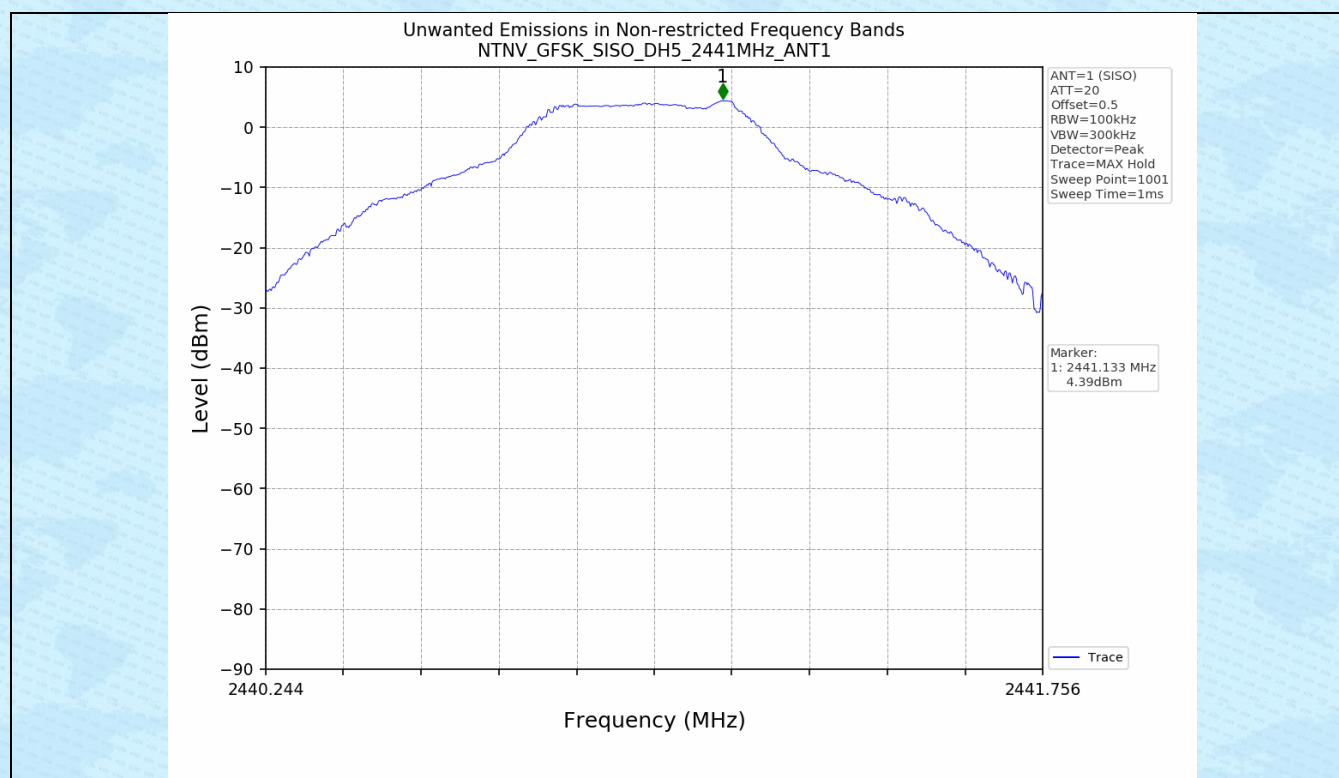


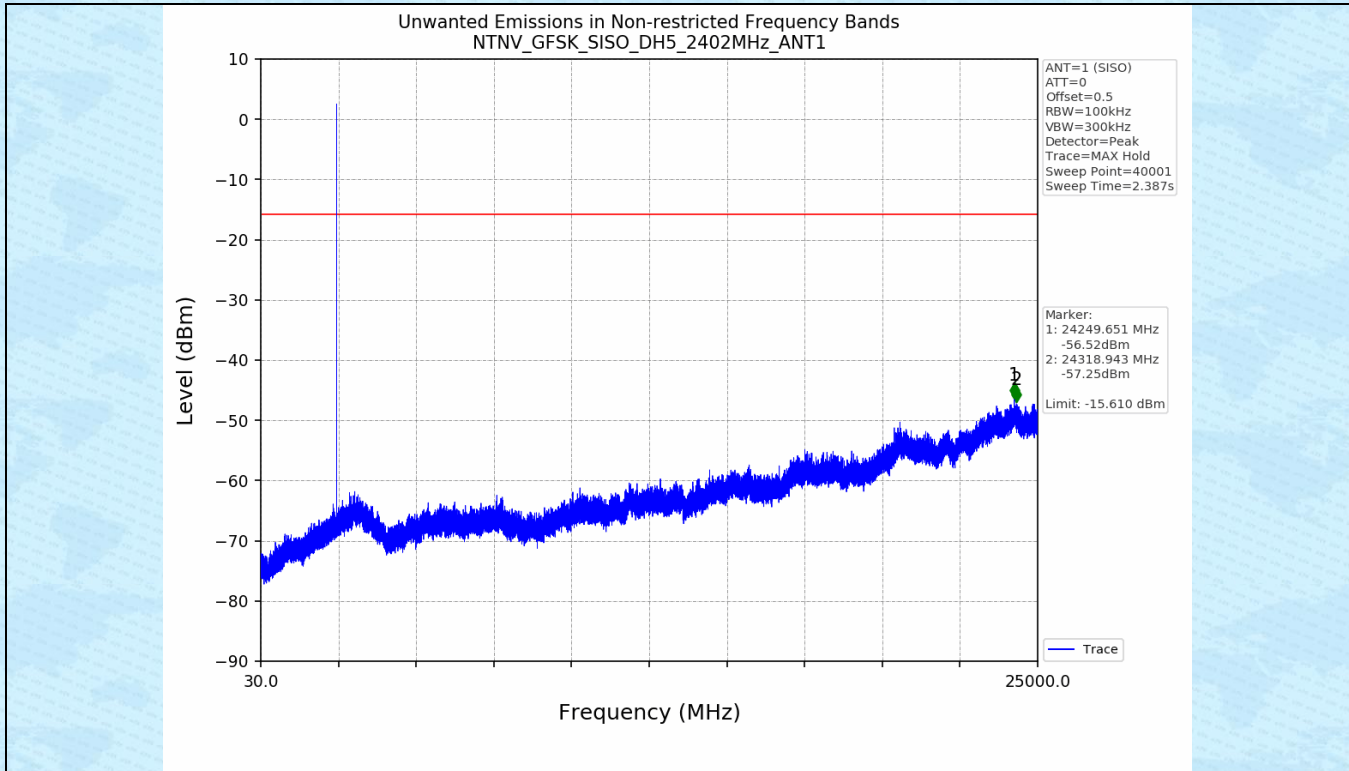
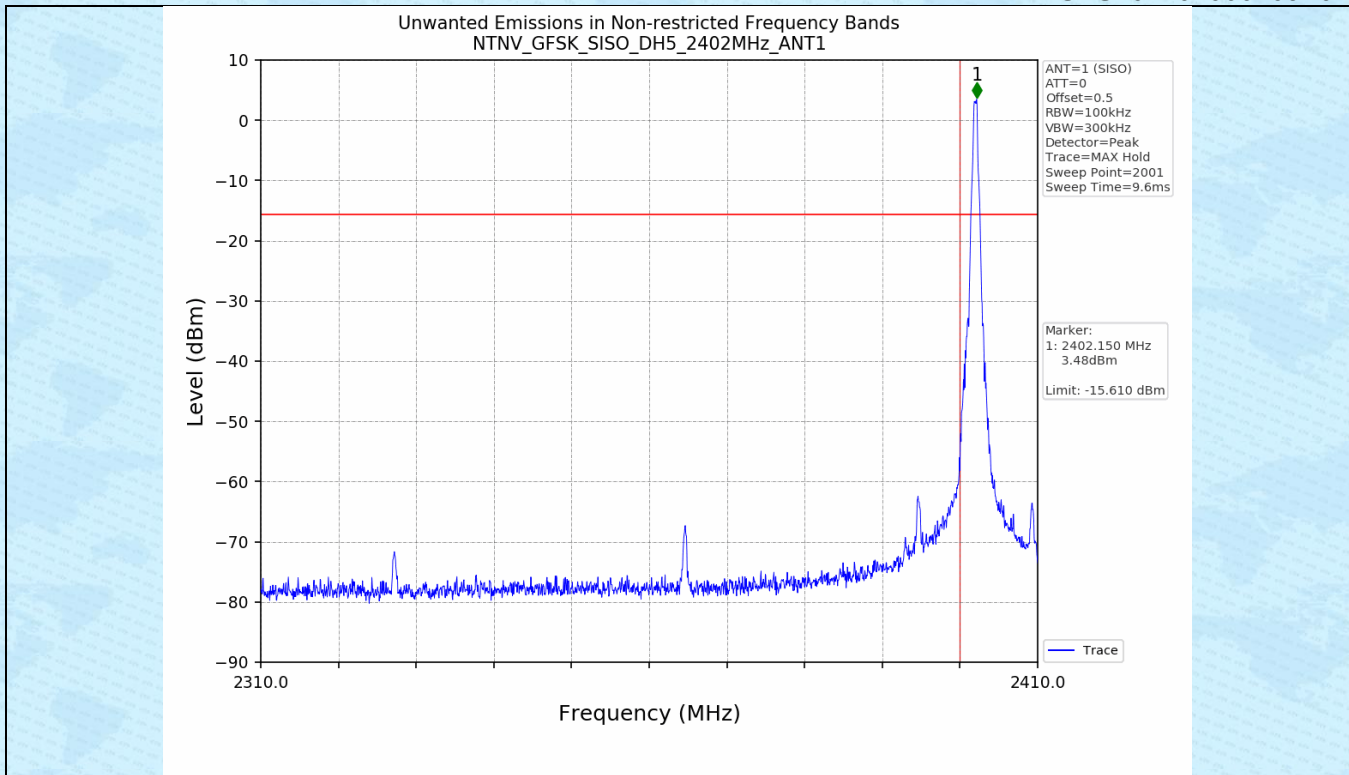
6. Unwanted Emissions in Non-restricted Frequency Bands

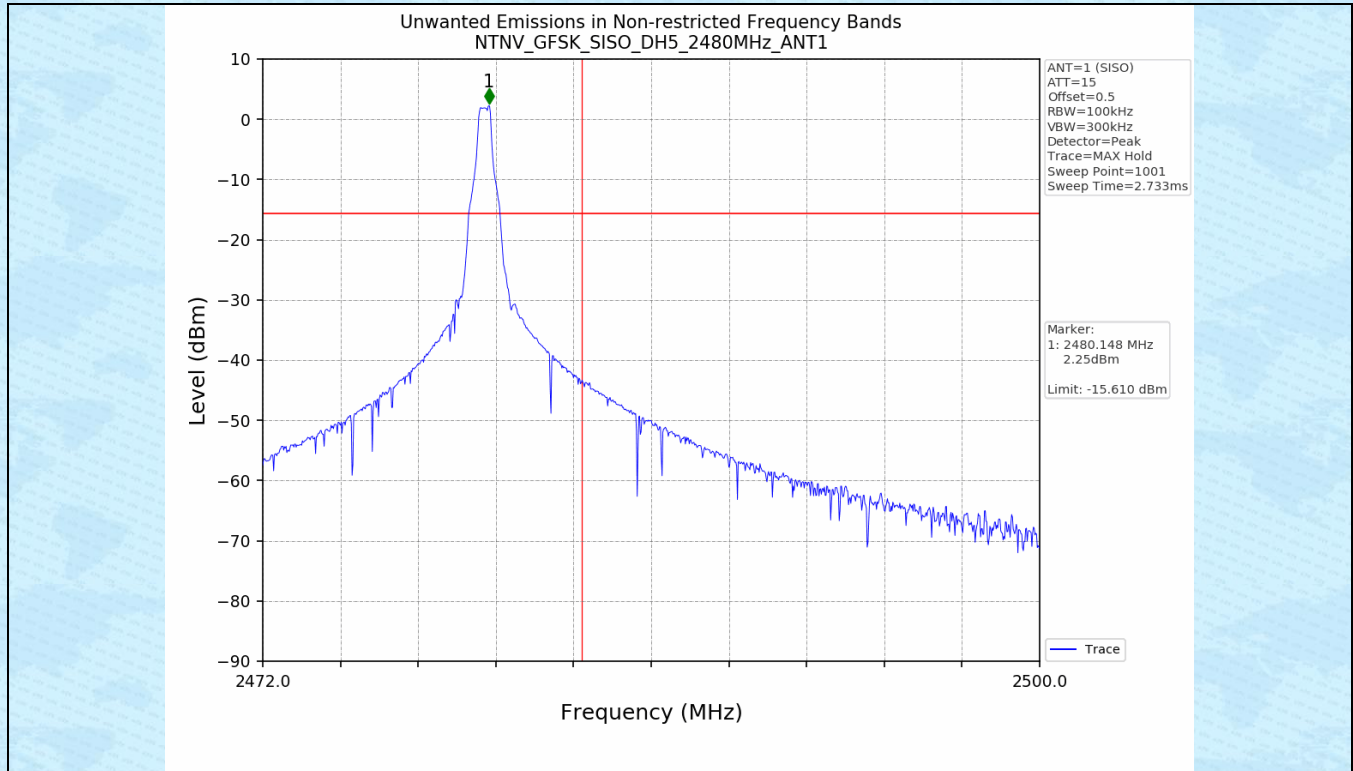
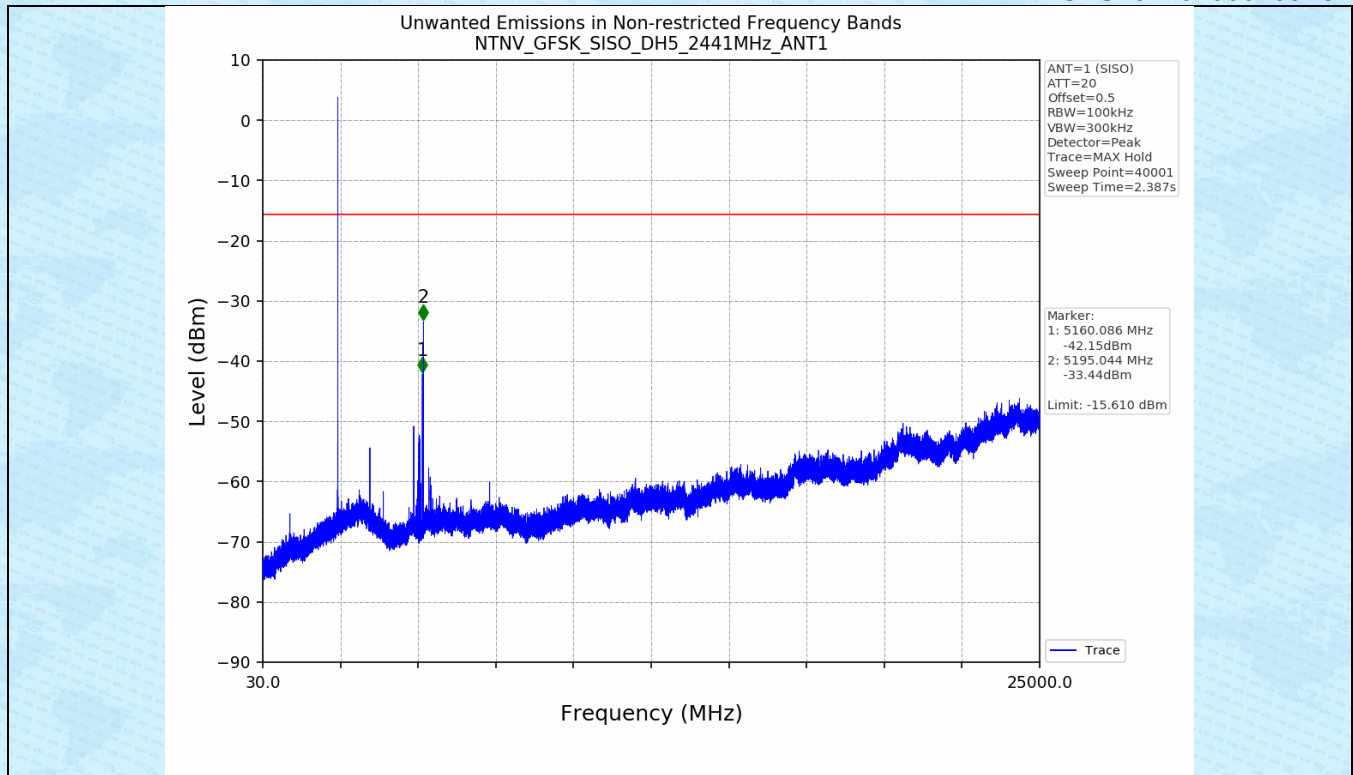
6.1 Test Result

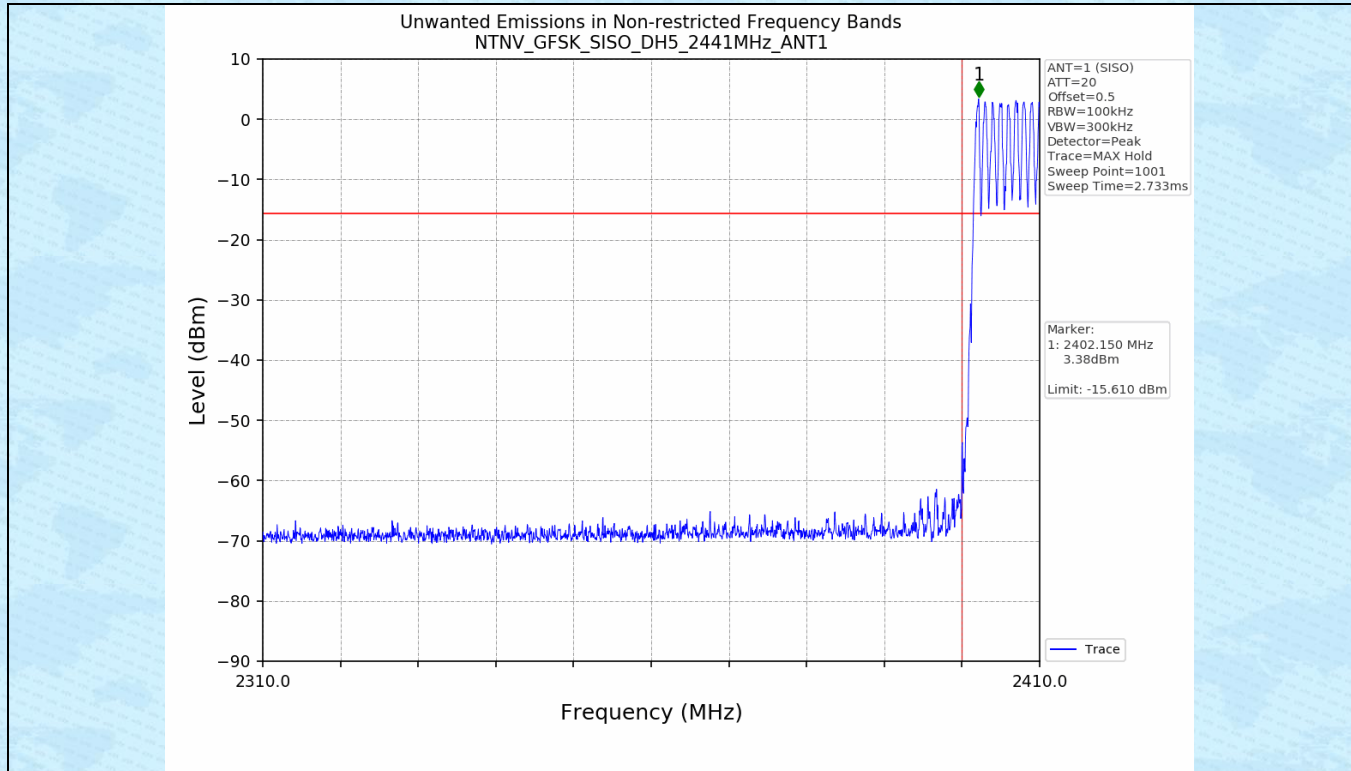
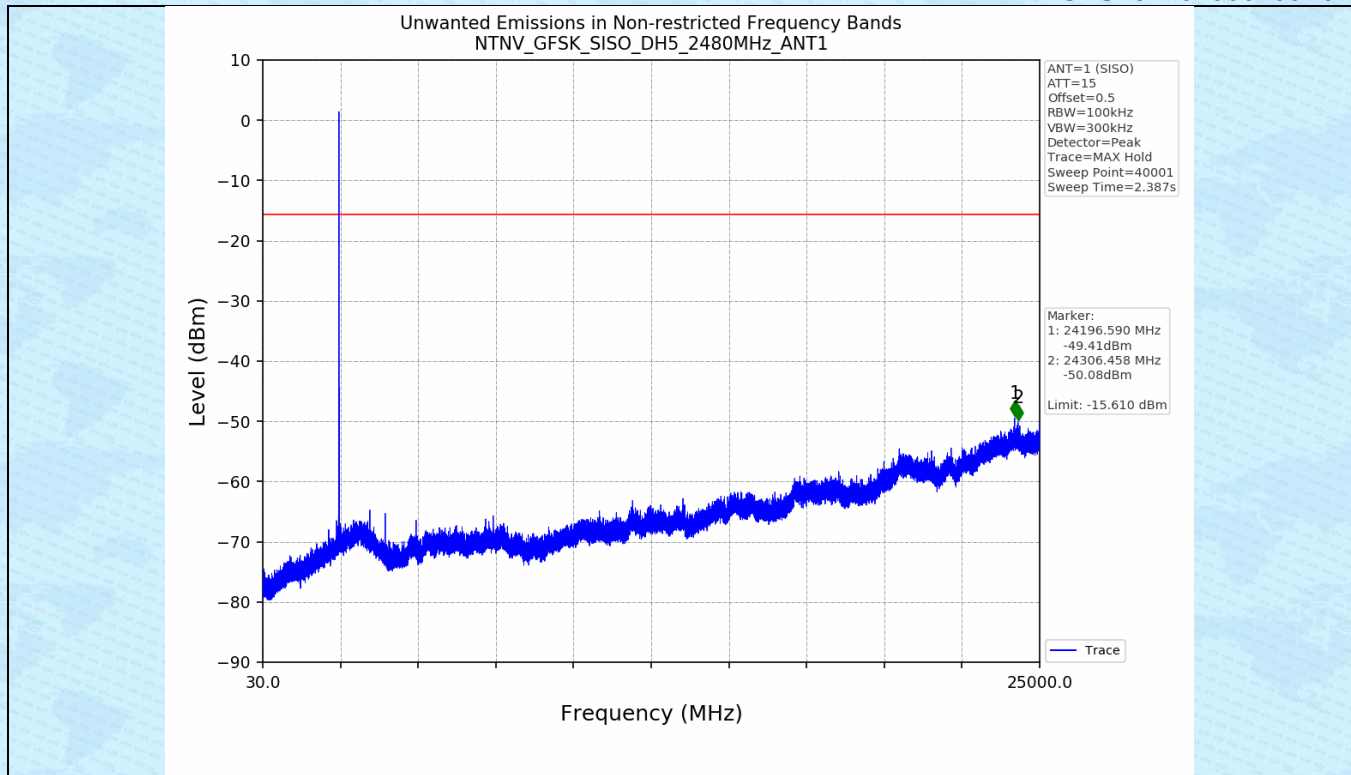
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-15.61	PASS
	2441	SISO	1	Refer to test graph	-15.61	PASS
	2480	SISO	1	Refer to test graph	-15.61	PASS
	Hopping	SISO	1	Refer to test graph	-15.61	PASS
PI/4DQPSK	2402	SISO	1	Refer to test graph	-17.43	PASS
	2441	SISO	1	Refer to test graph	-17.43	PASS
	2480	SISO	1	Refer to test graph	-17.43	PASS
	Hopping	SISO	1	Refer to test graph	-17.43	PASS
8DPSK	2402	SISO	1	Refer to test graph	-16.76	PASS
	2441	SISO	1	Refer to test graph	-16.76	PASS
	2480	SISO	1	Refer to test graph	-16.76	PASS
	Hopping	SISO	1	Refer to test graph	-16.76	PASS

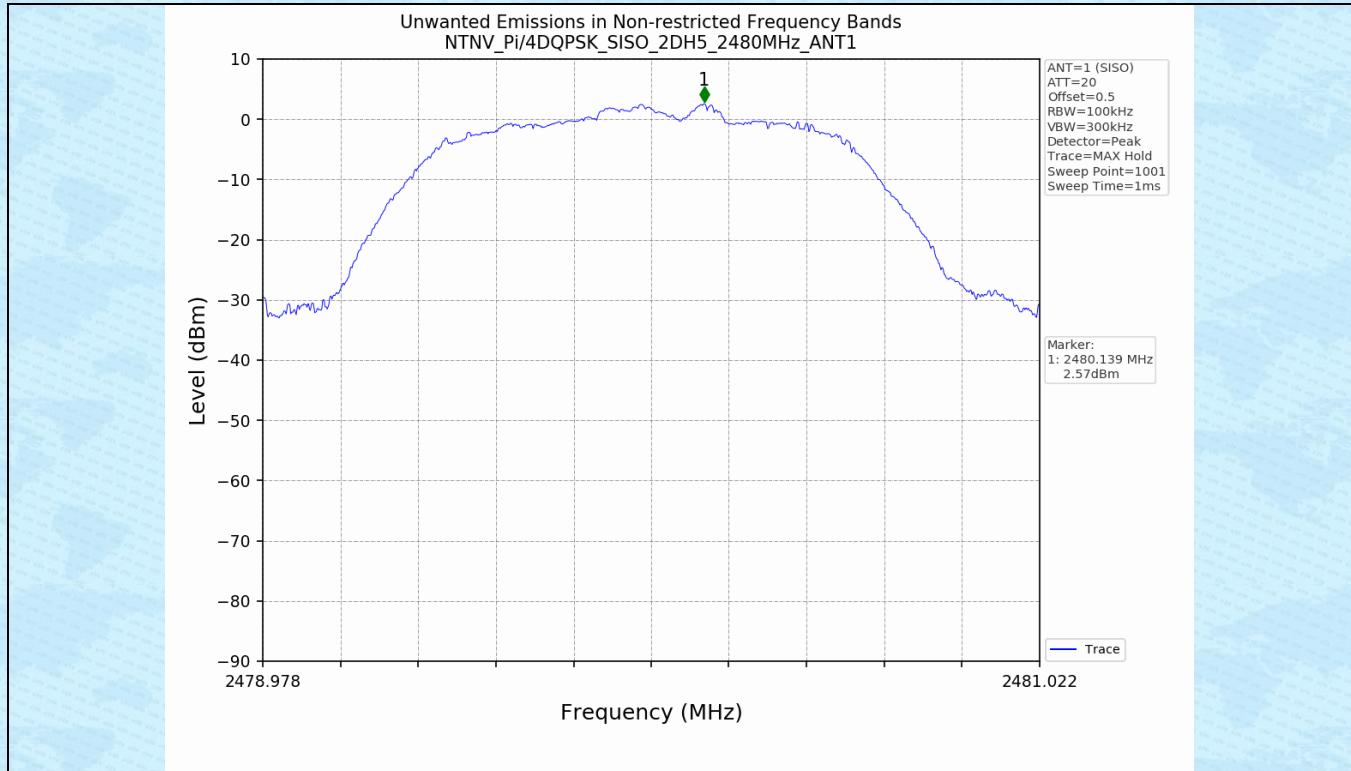
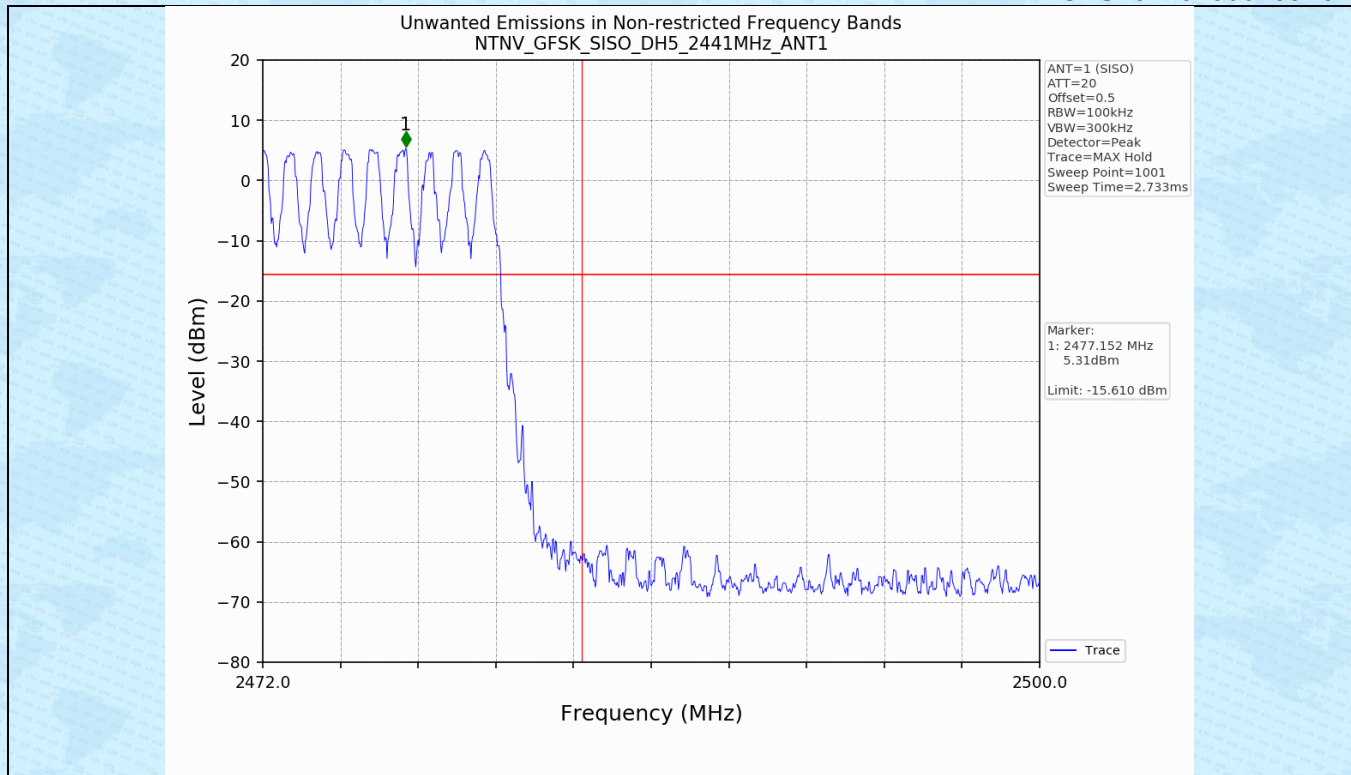
6.2 Test Graph

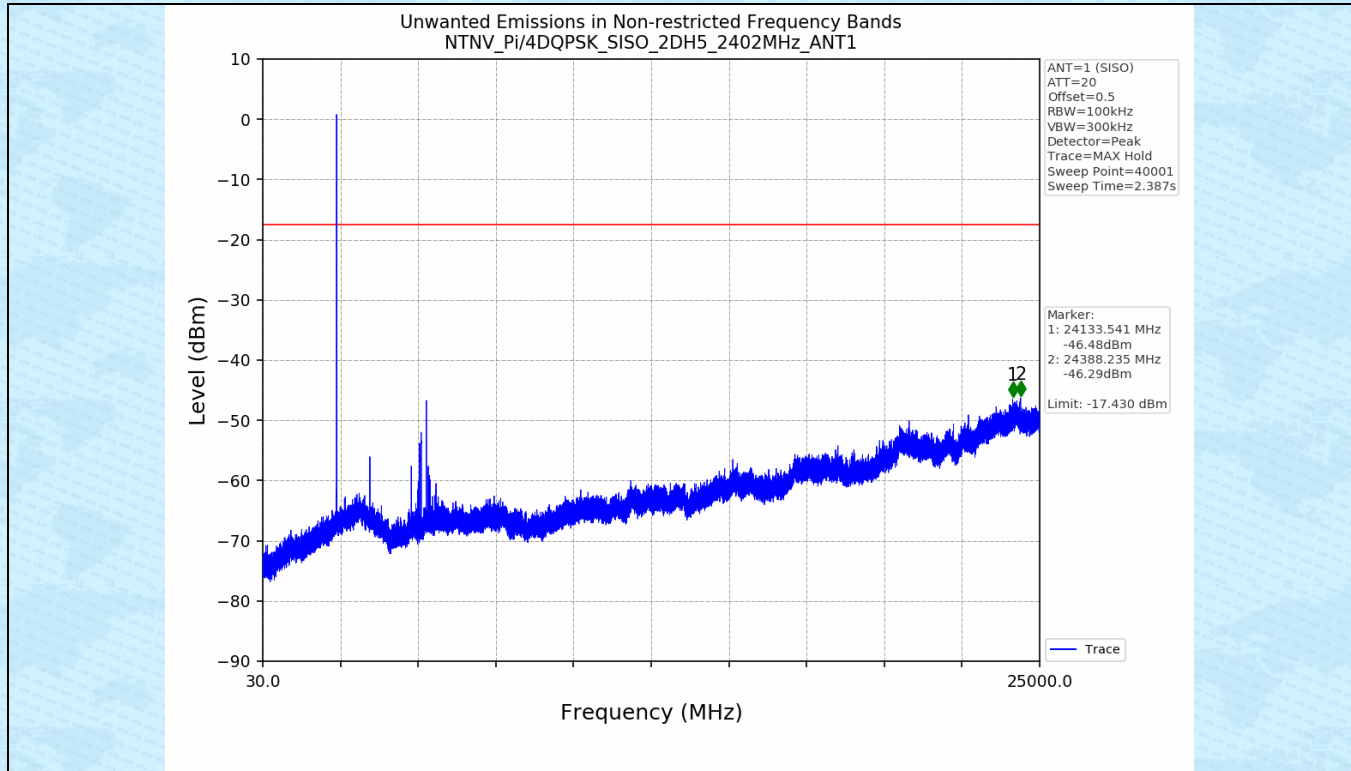
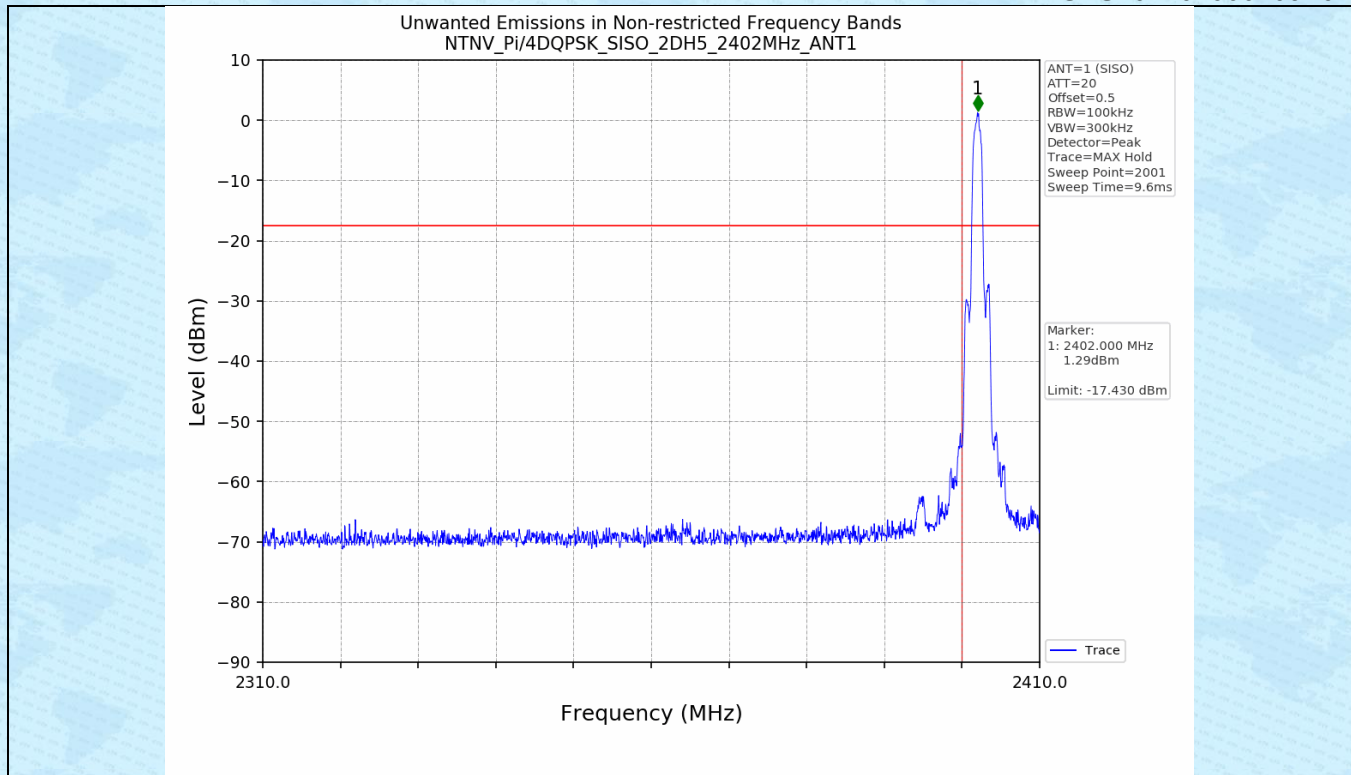


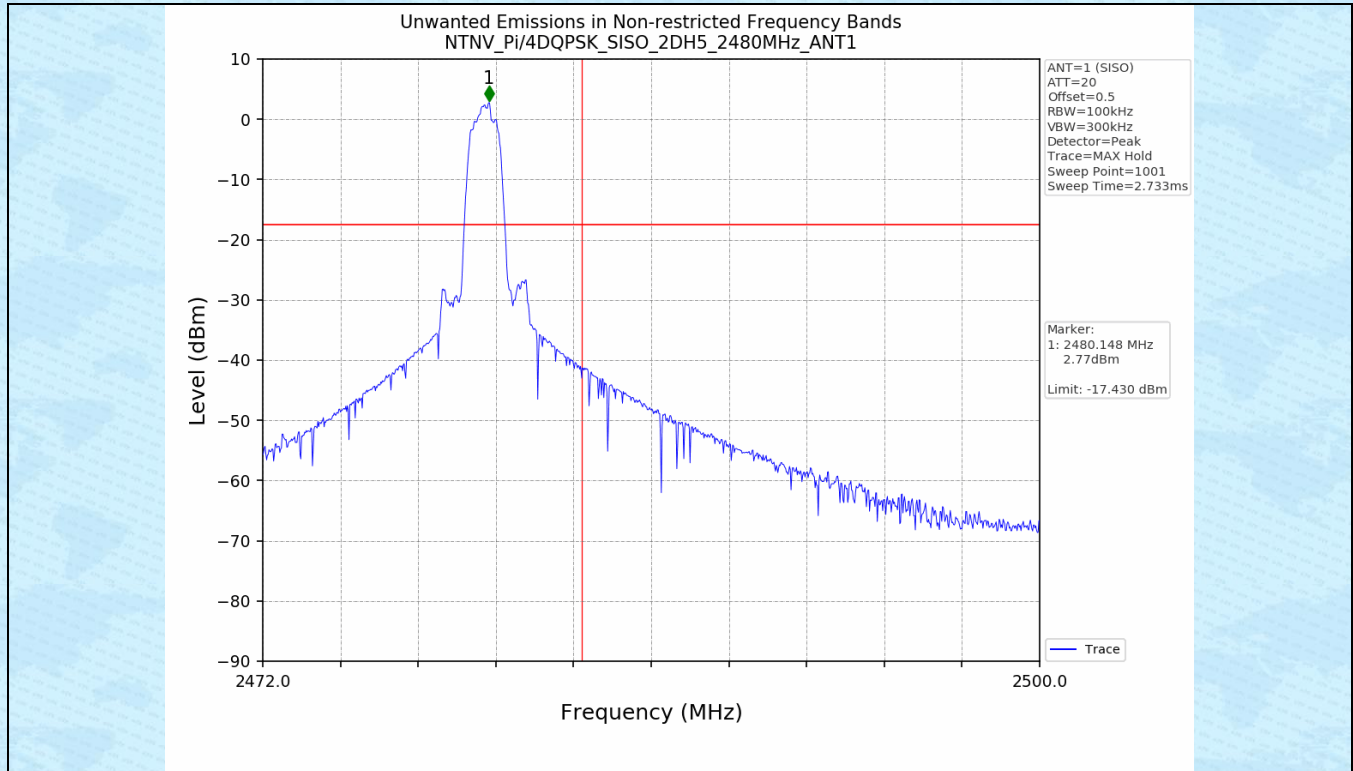
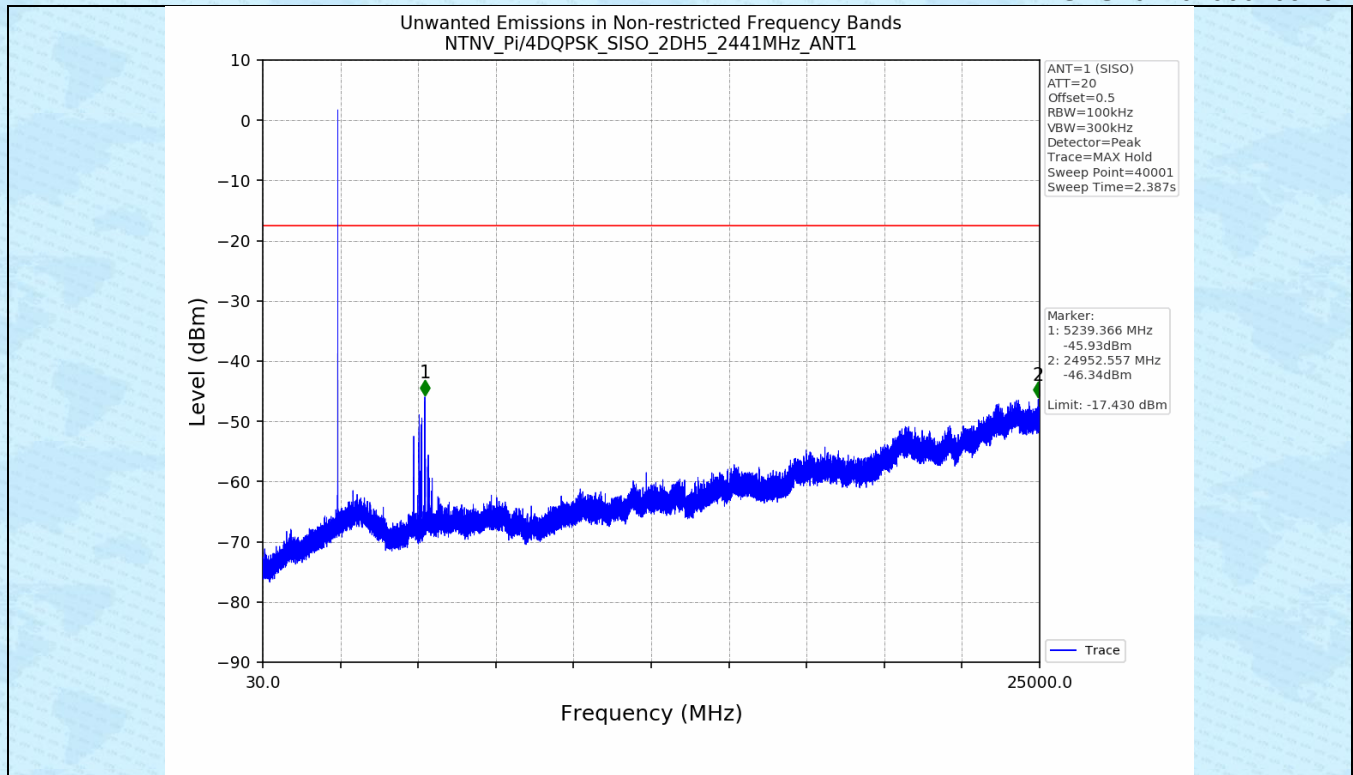


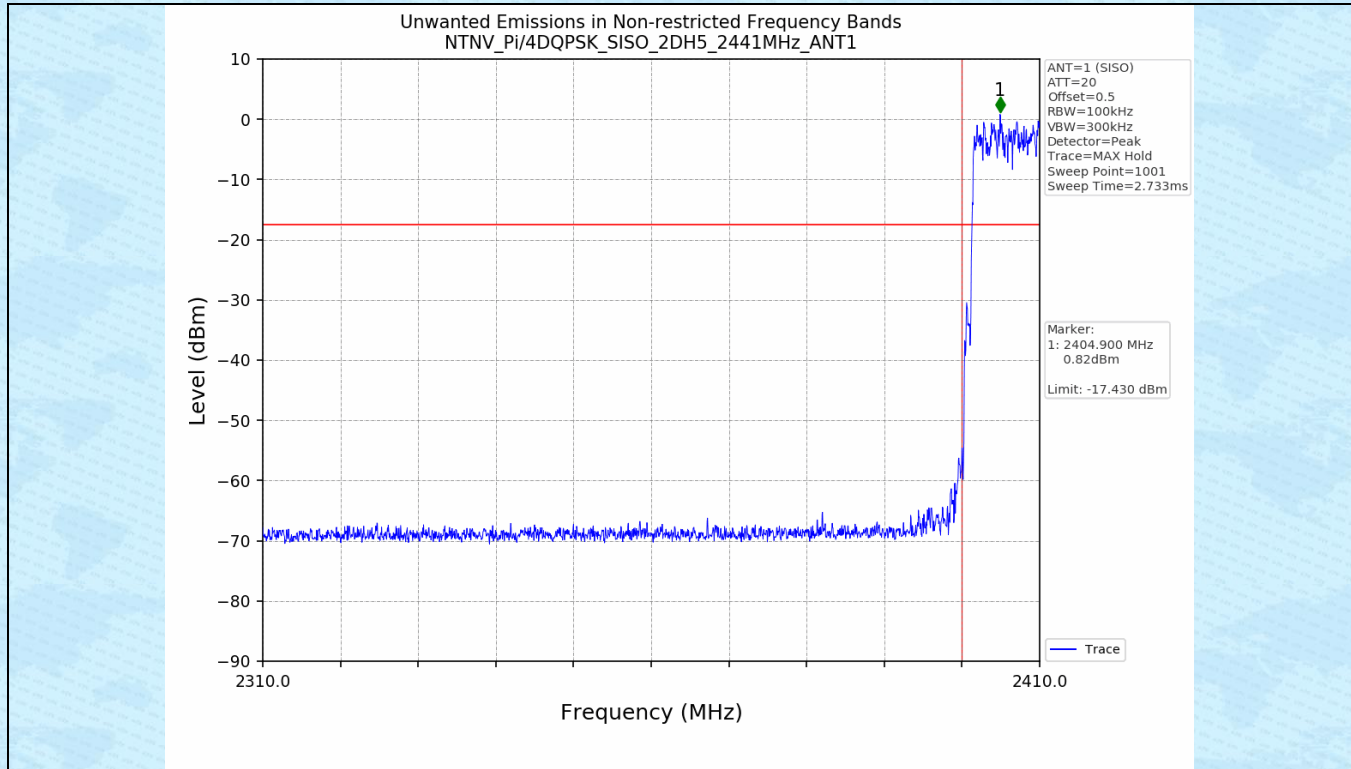
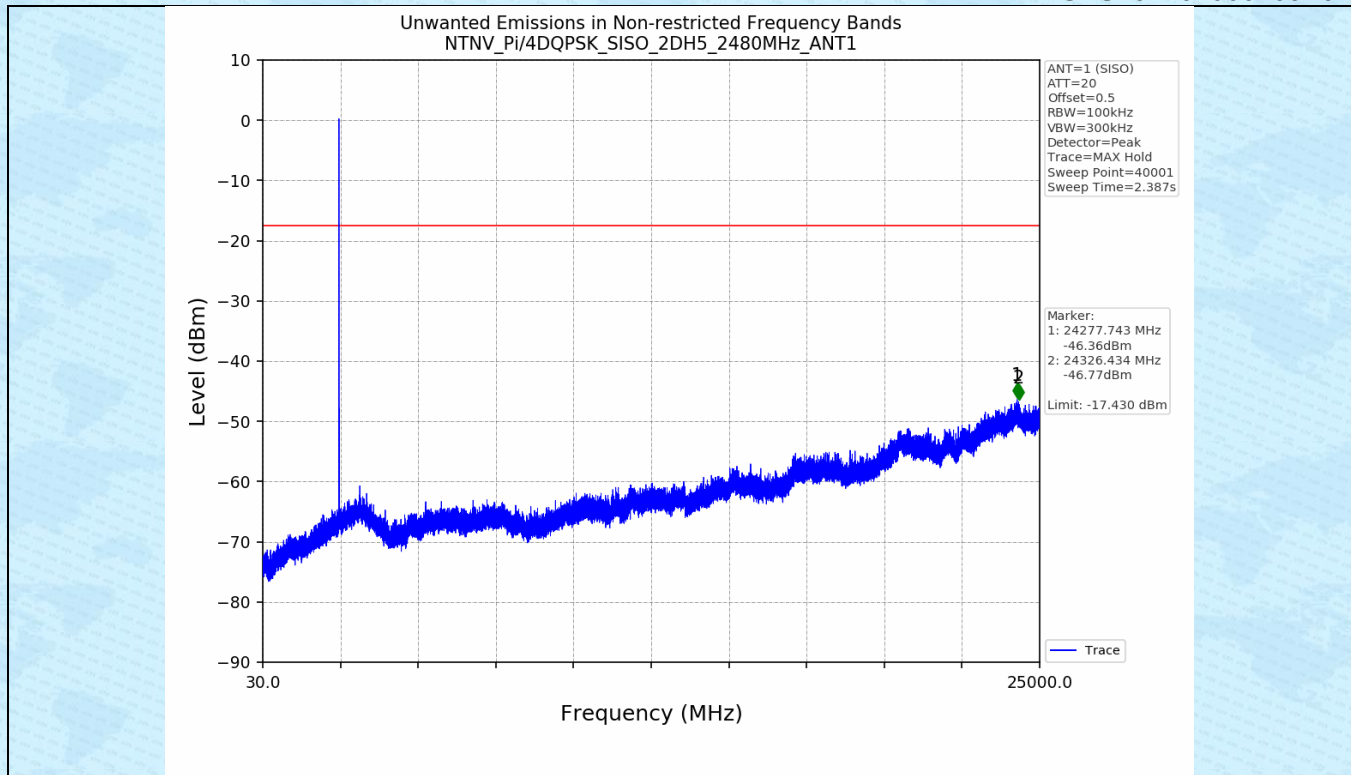


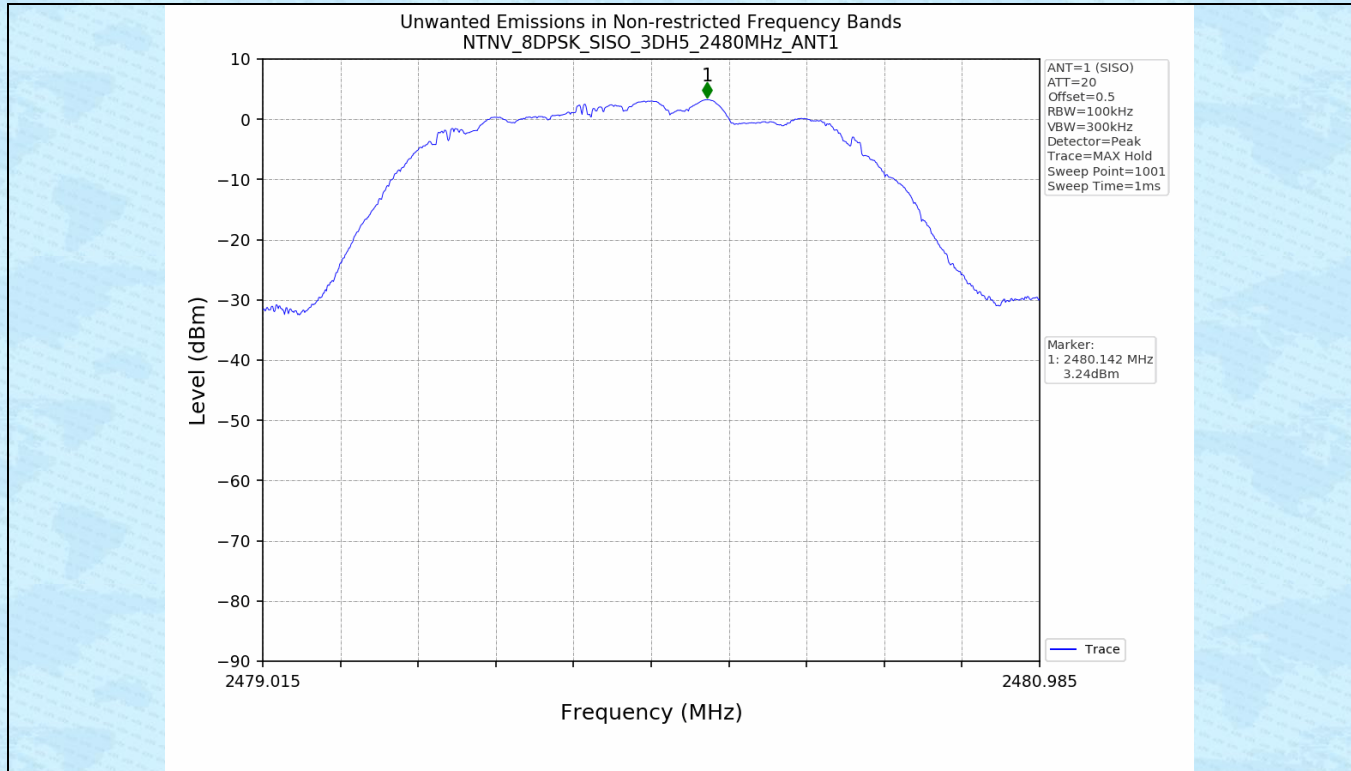
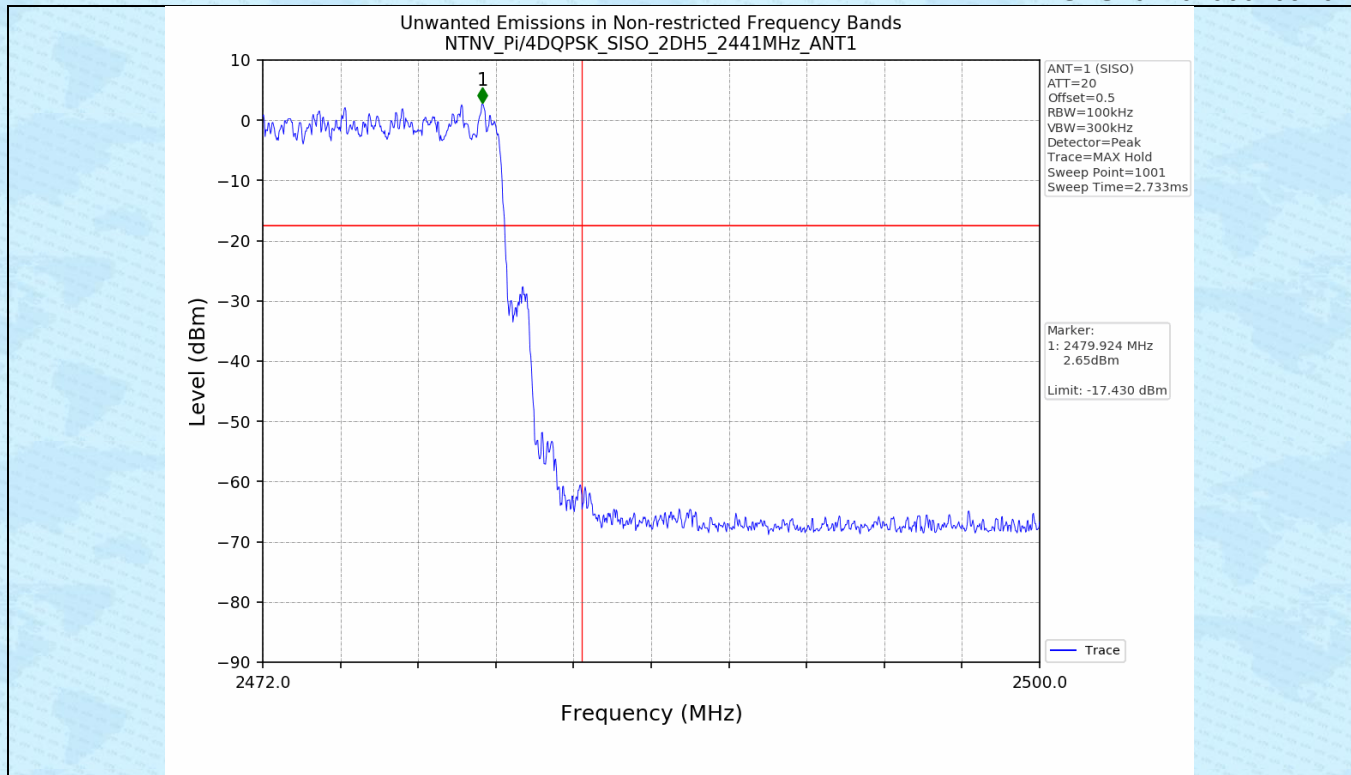


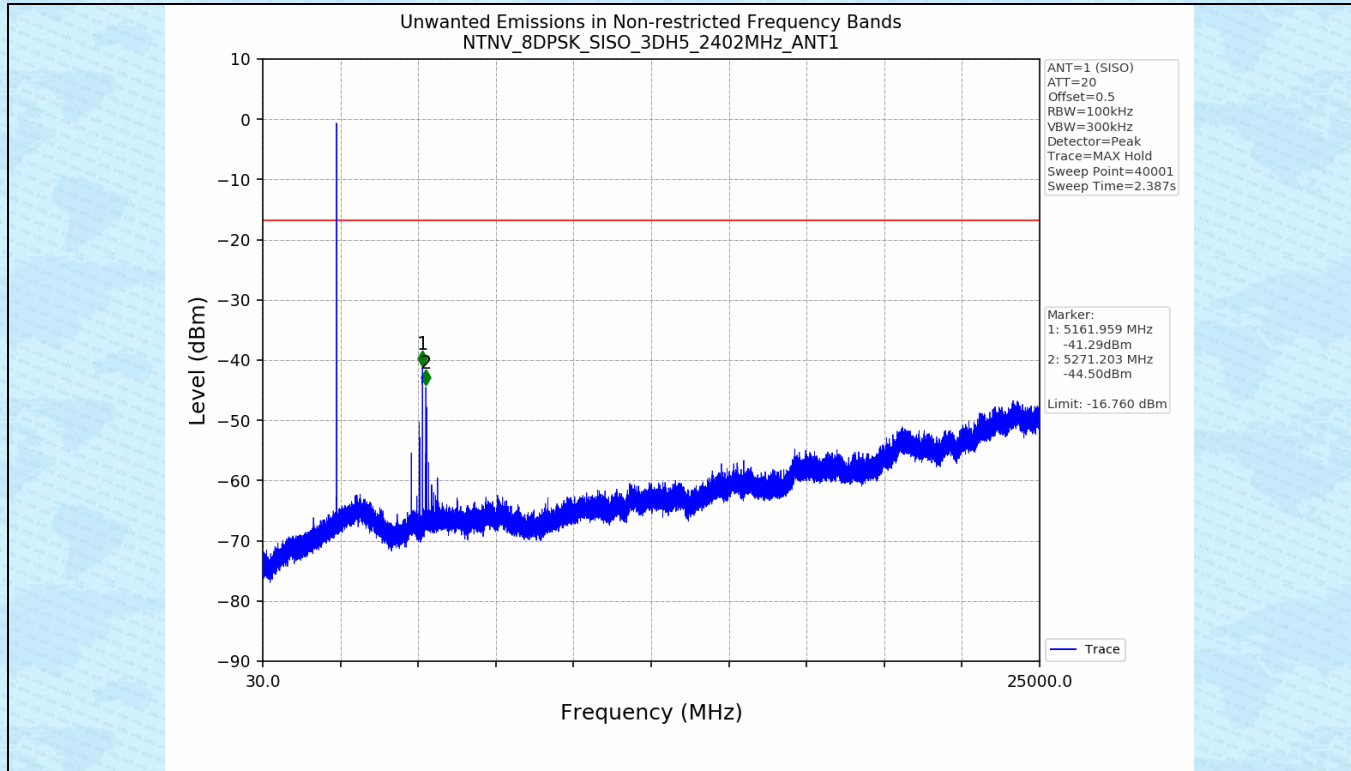
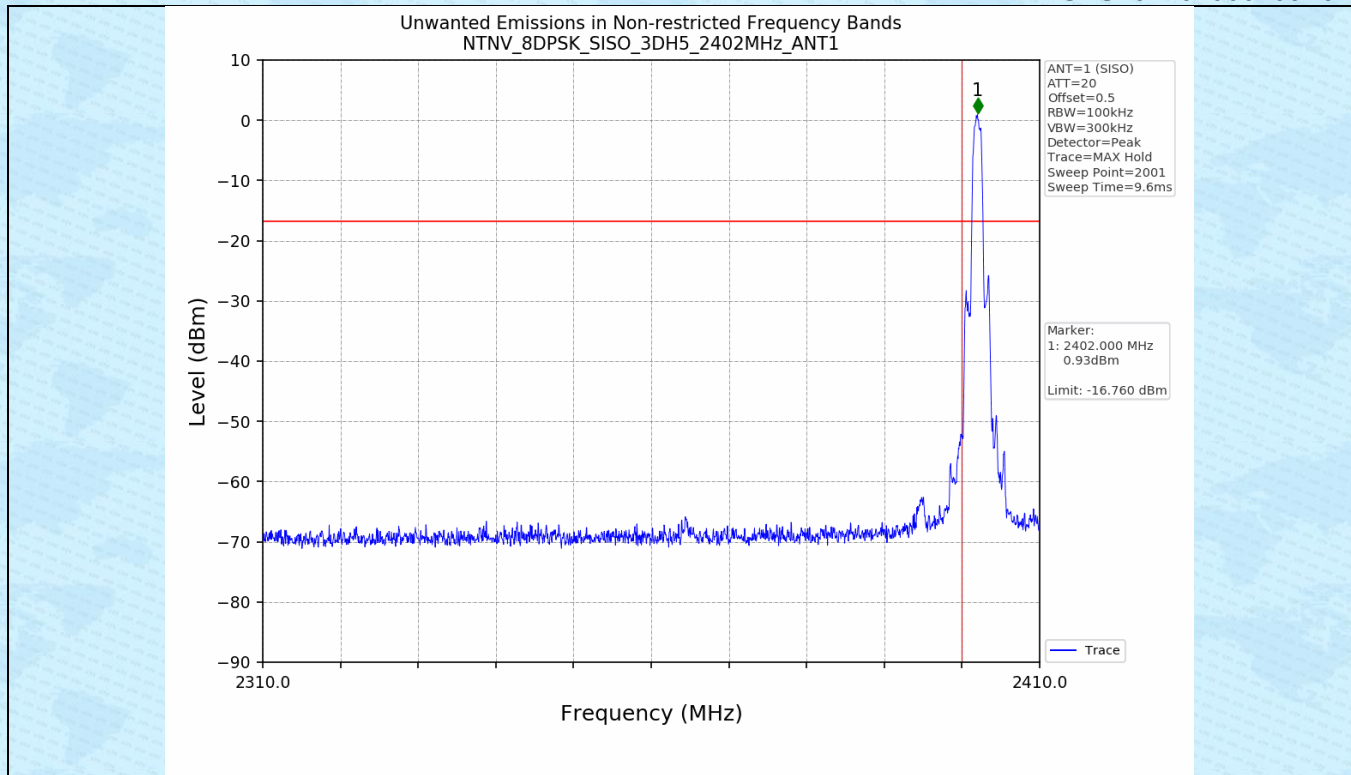


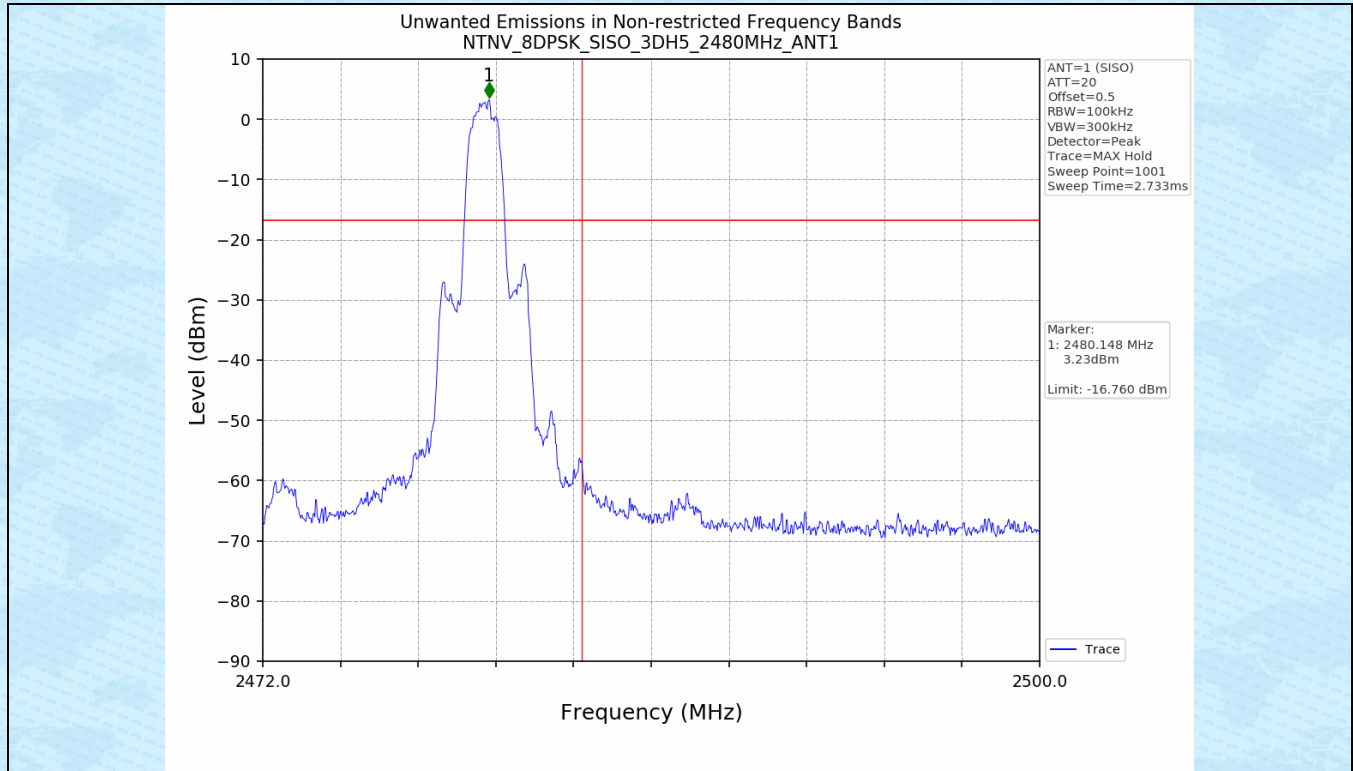
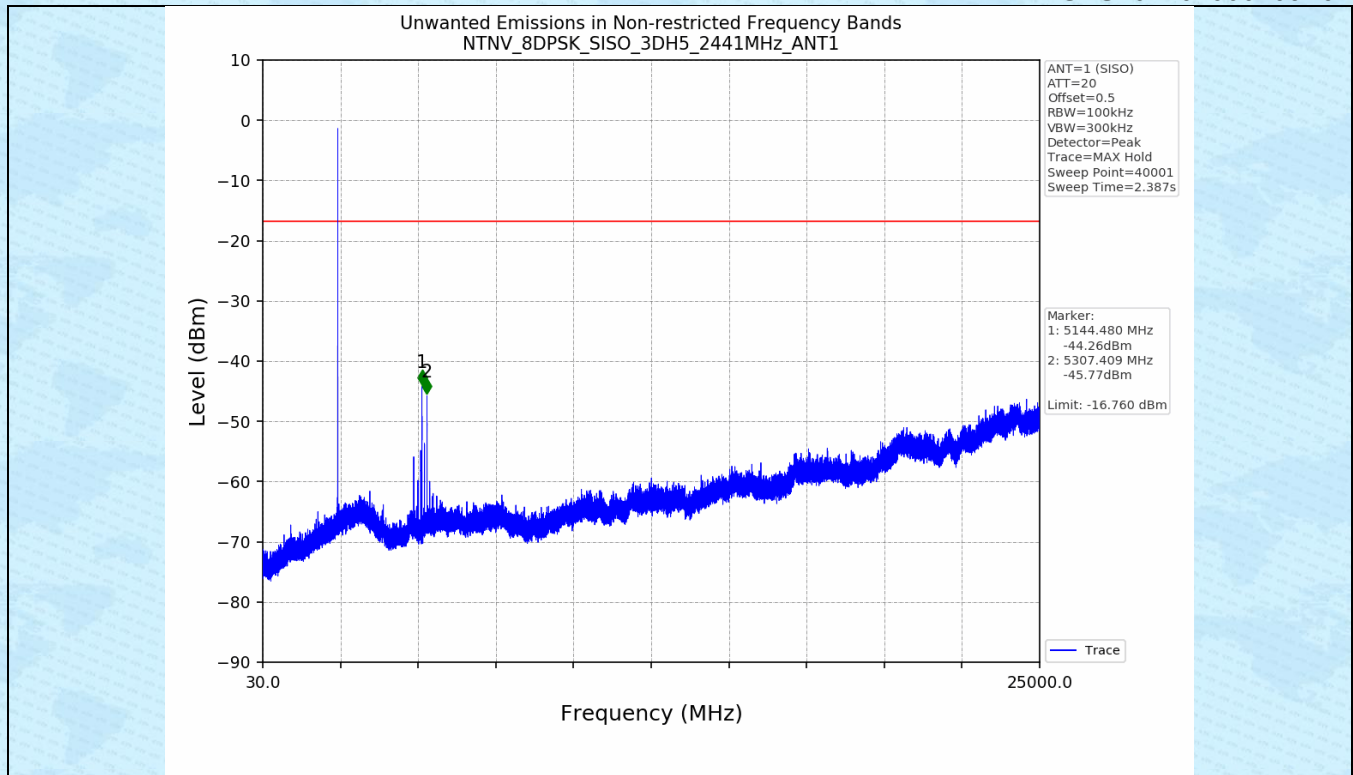


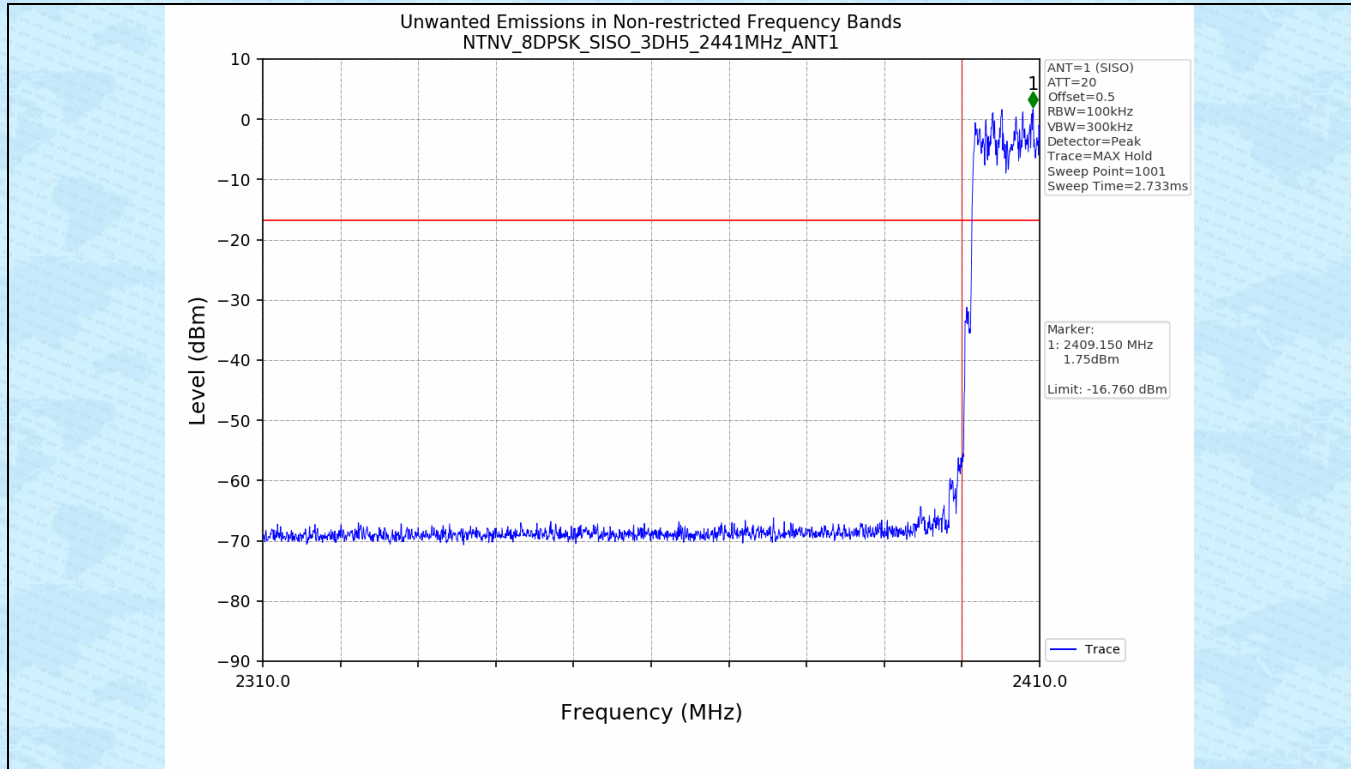
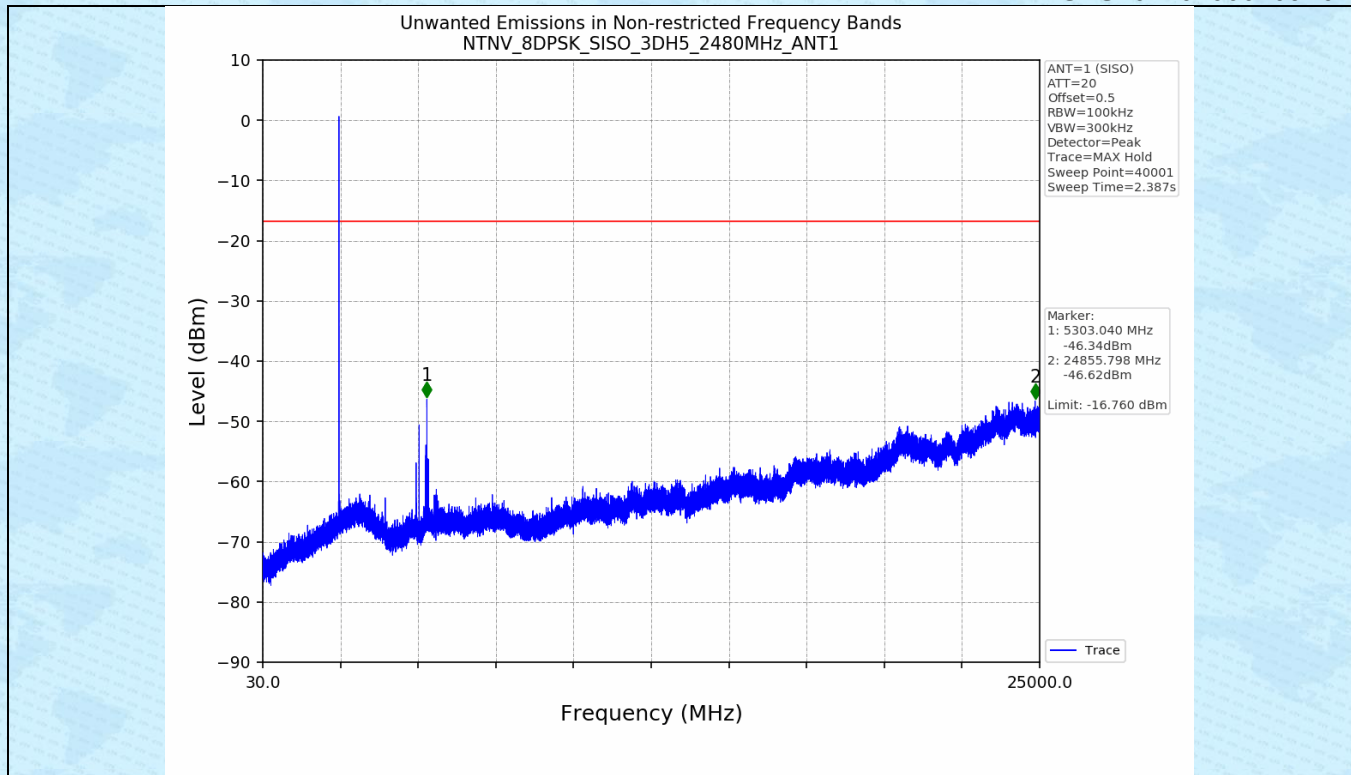


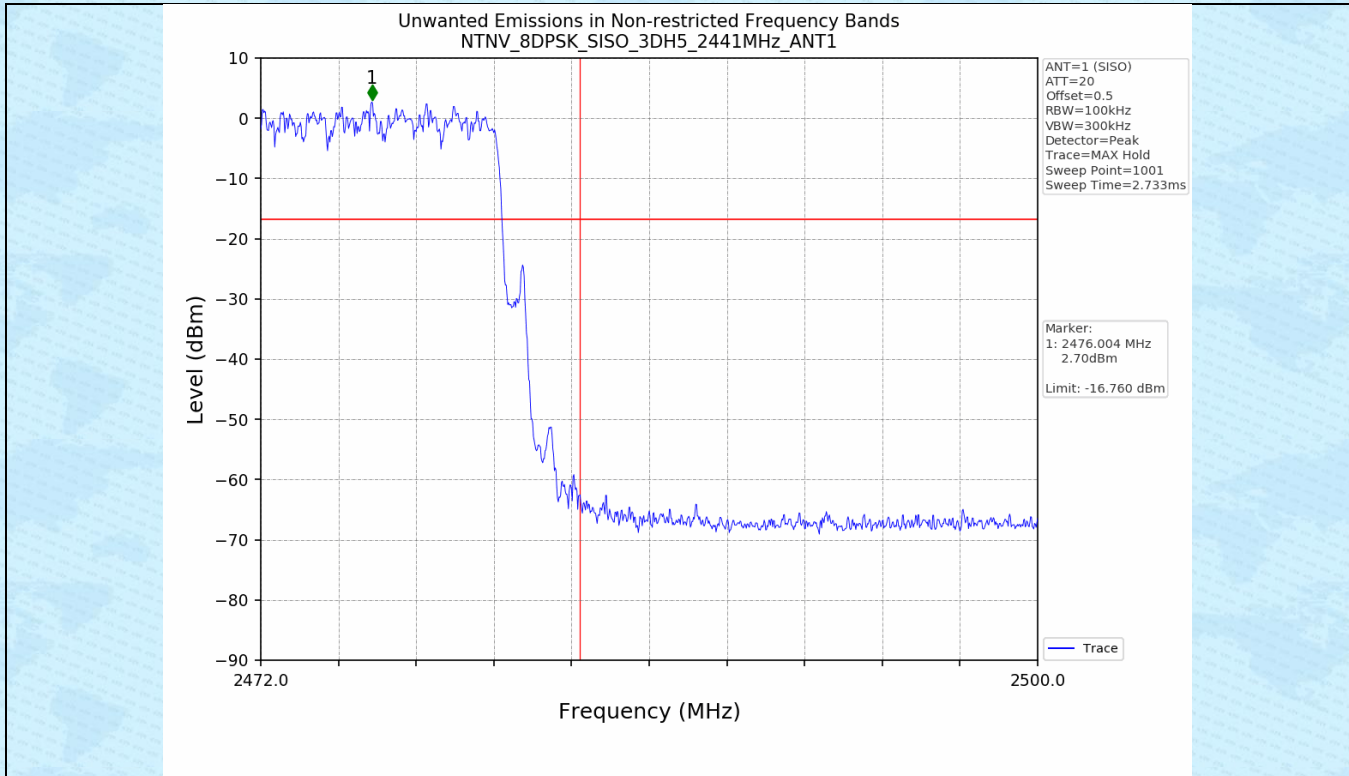












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