

Appendix for 15.247

Product Name: PeriPage Mini A4 Printer

Test Model: A40

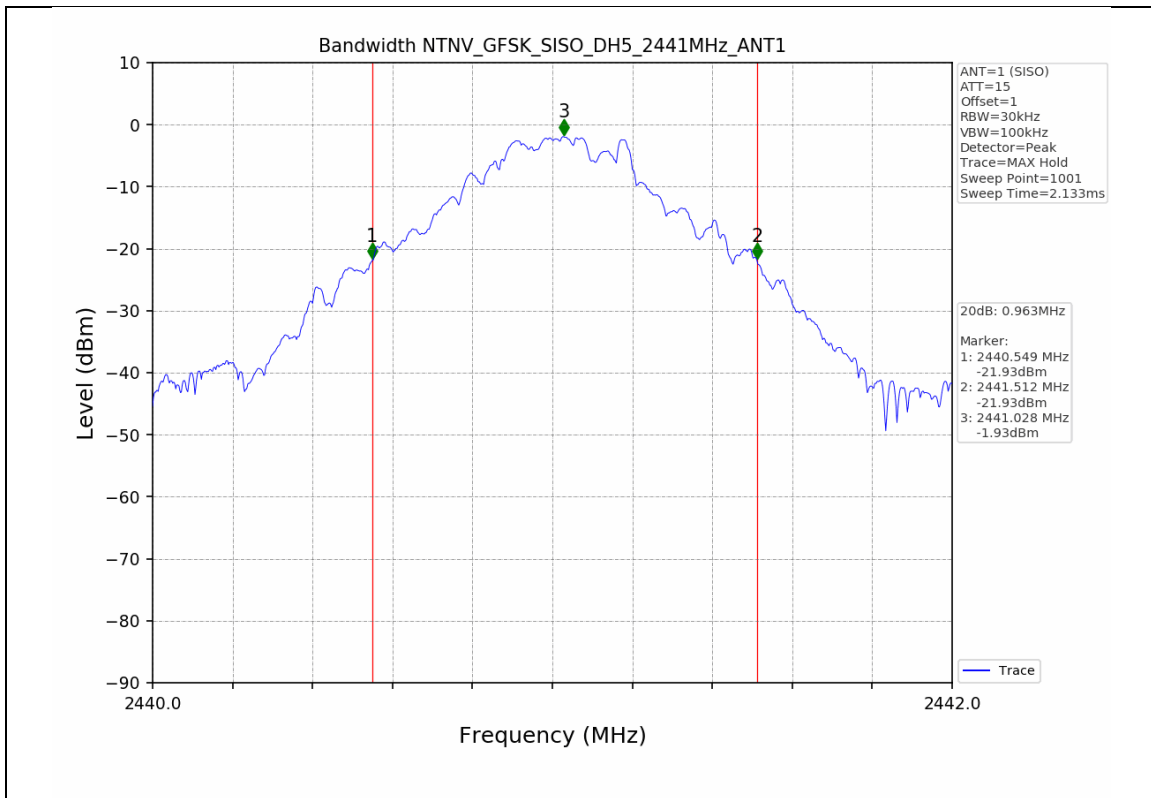
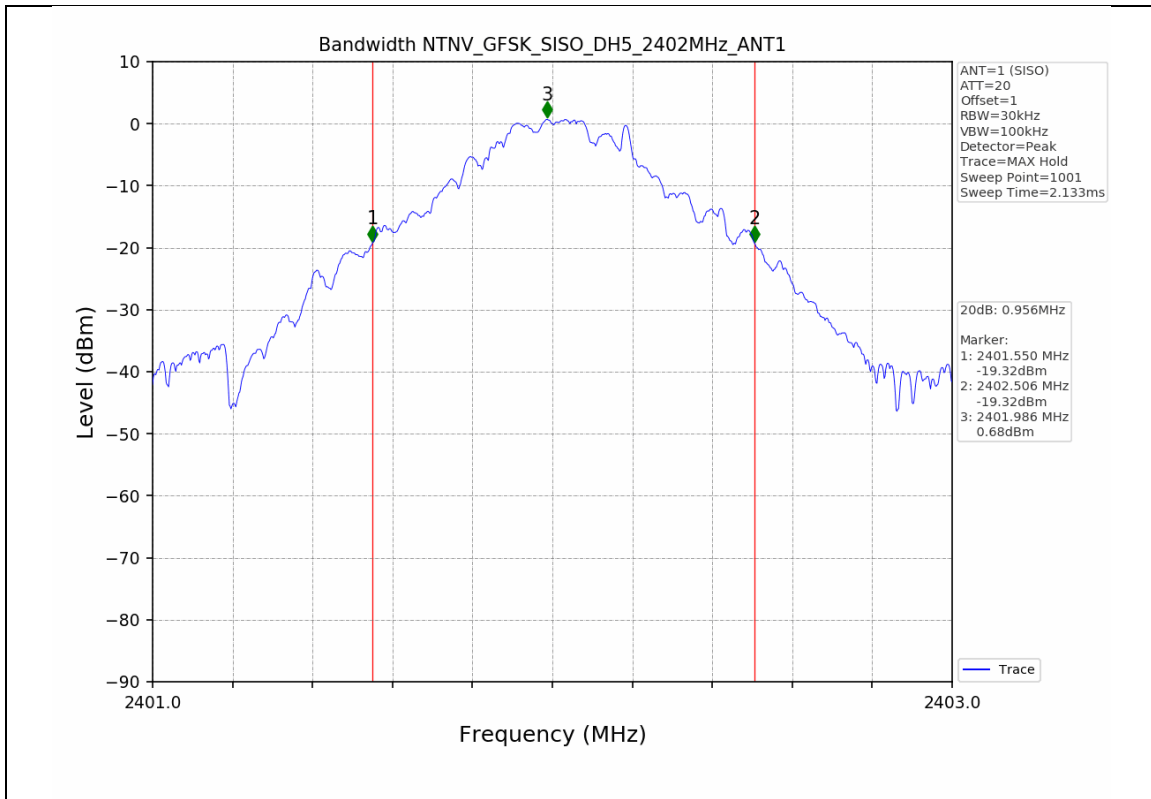
1. Bandwidth

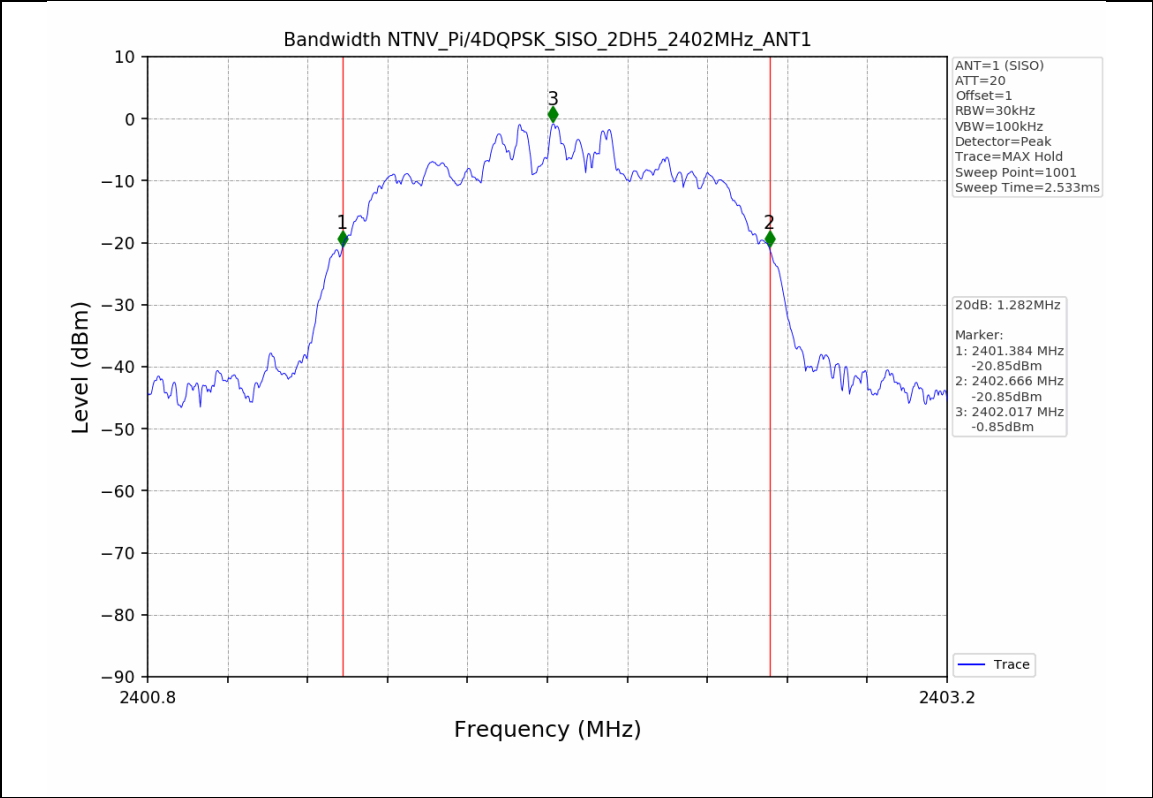
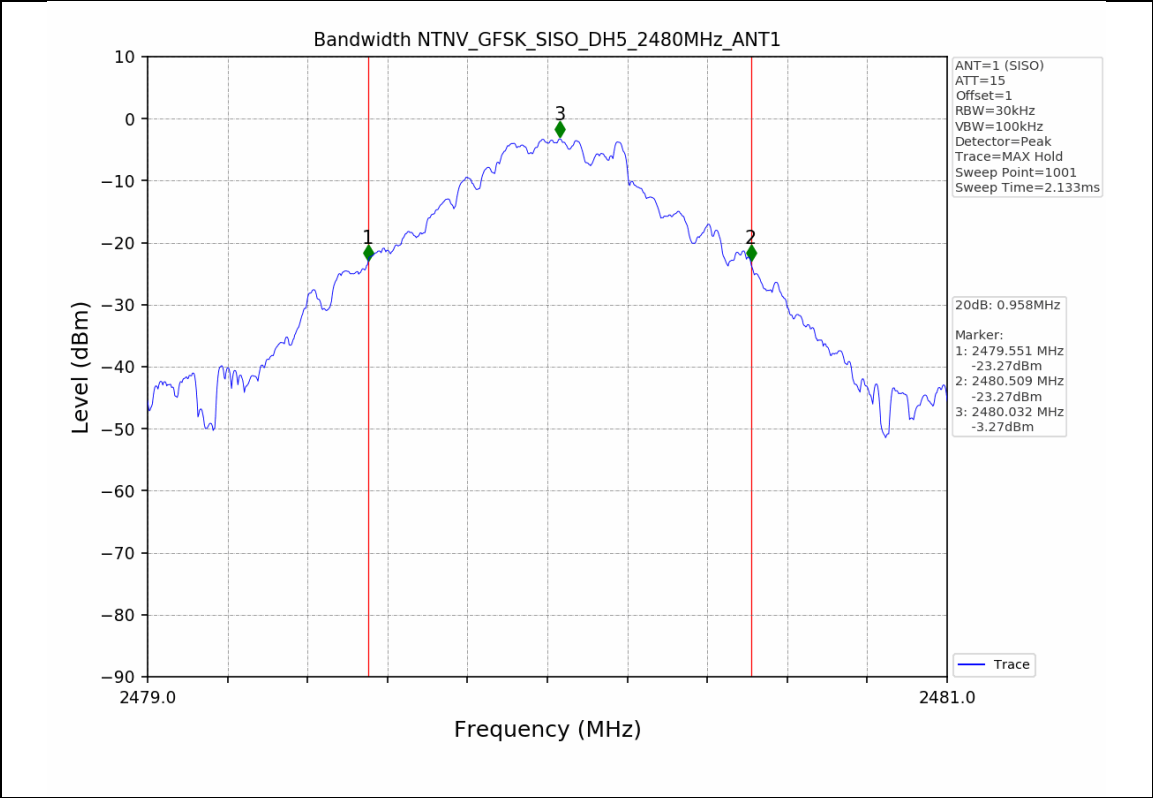
1.1 Test Result

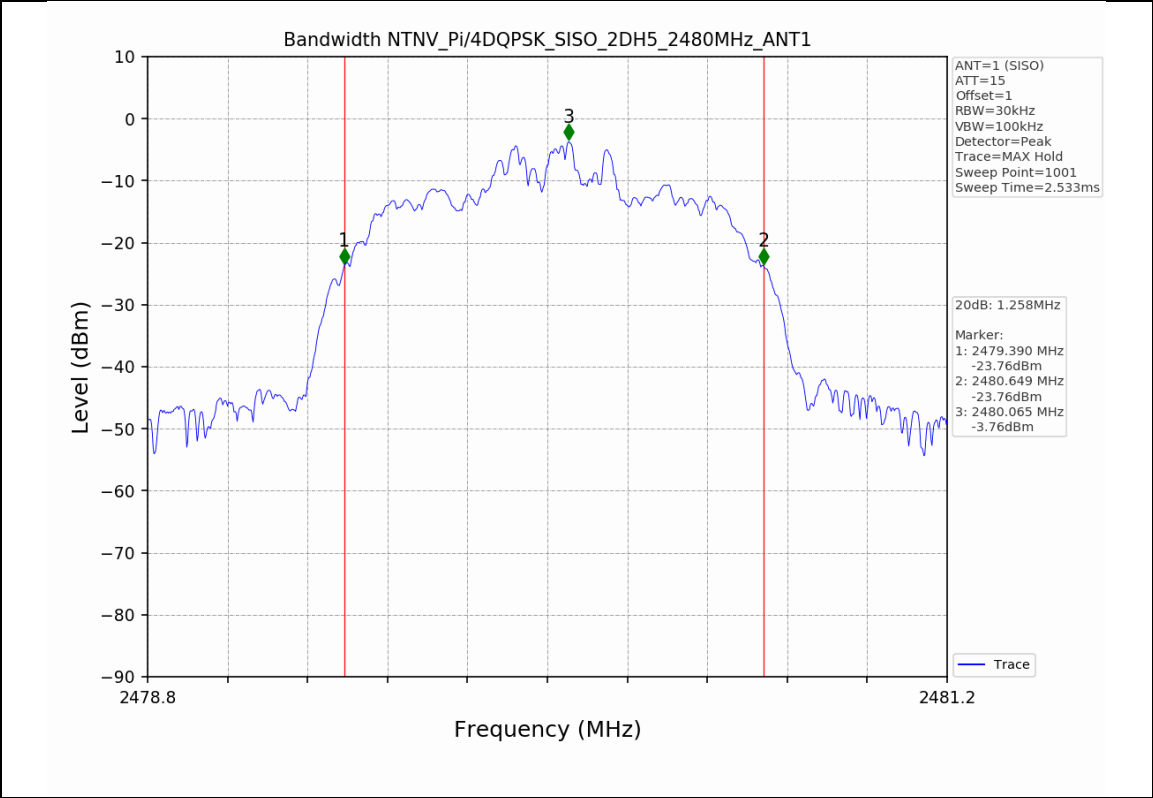
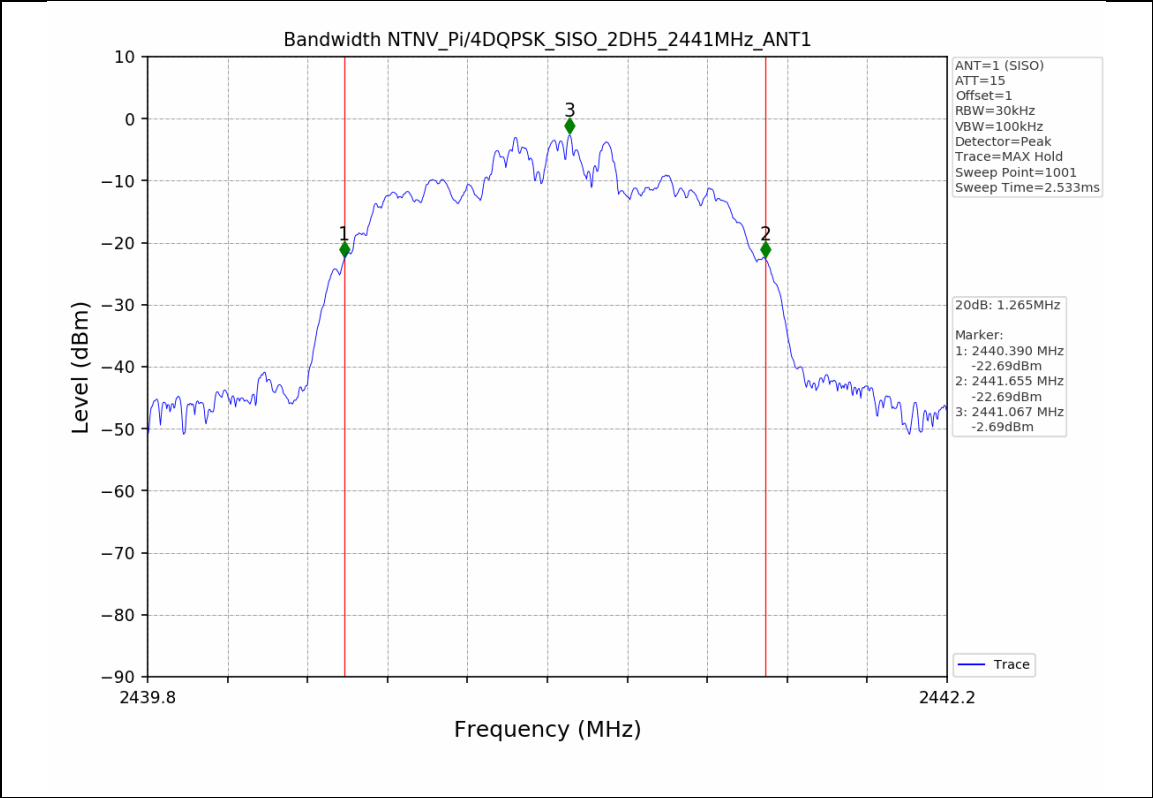
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.956	PASS
	2441	SISO	1	0.963	PASS
	2480	SISO	1	0.958	PASS
Pi/4DQPSK	2402	SISO	1	1.282	PASS
	2441	SISO	1	1.265	PASS
	2480	SISO	1	1.258	PASS
8DPSK	2402	SISO	1	1.260	PASS
	2441	SISO	1	1.261	PASS
	2480	SISO	1	1.261	PASS

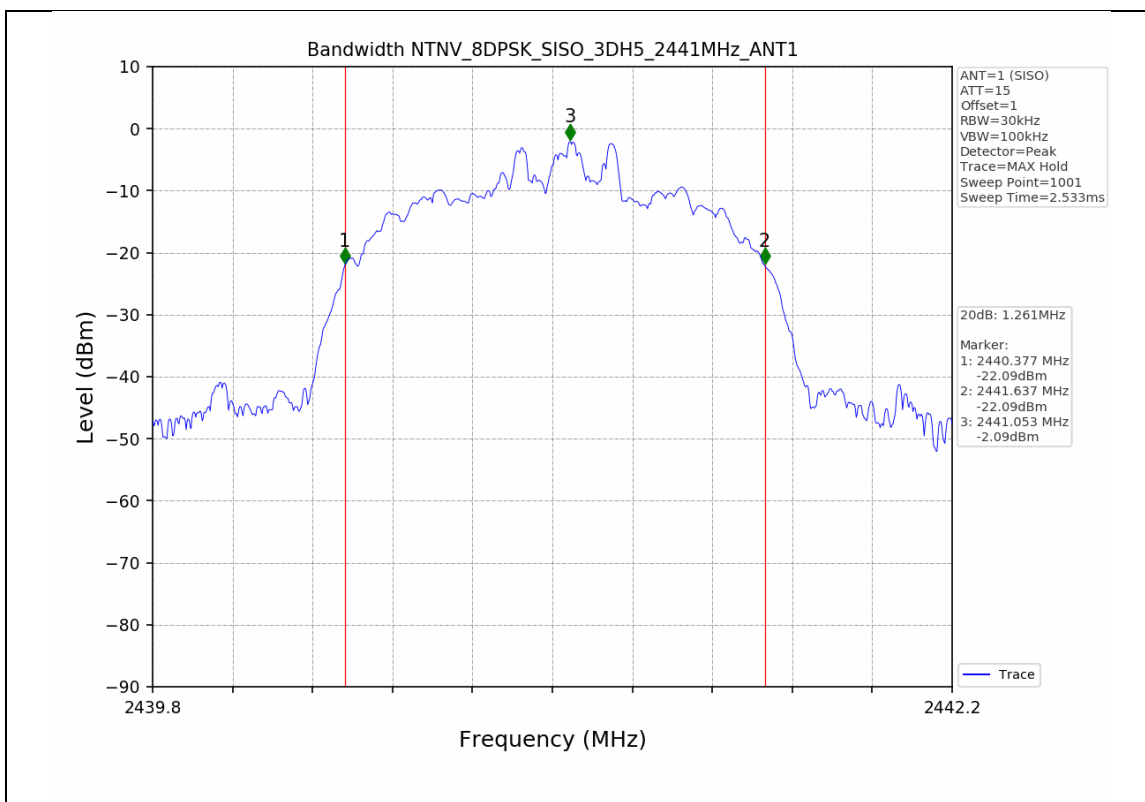
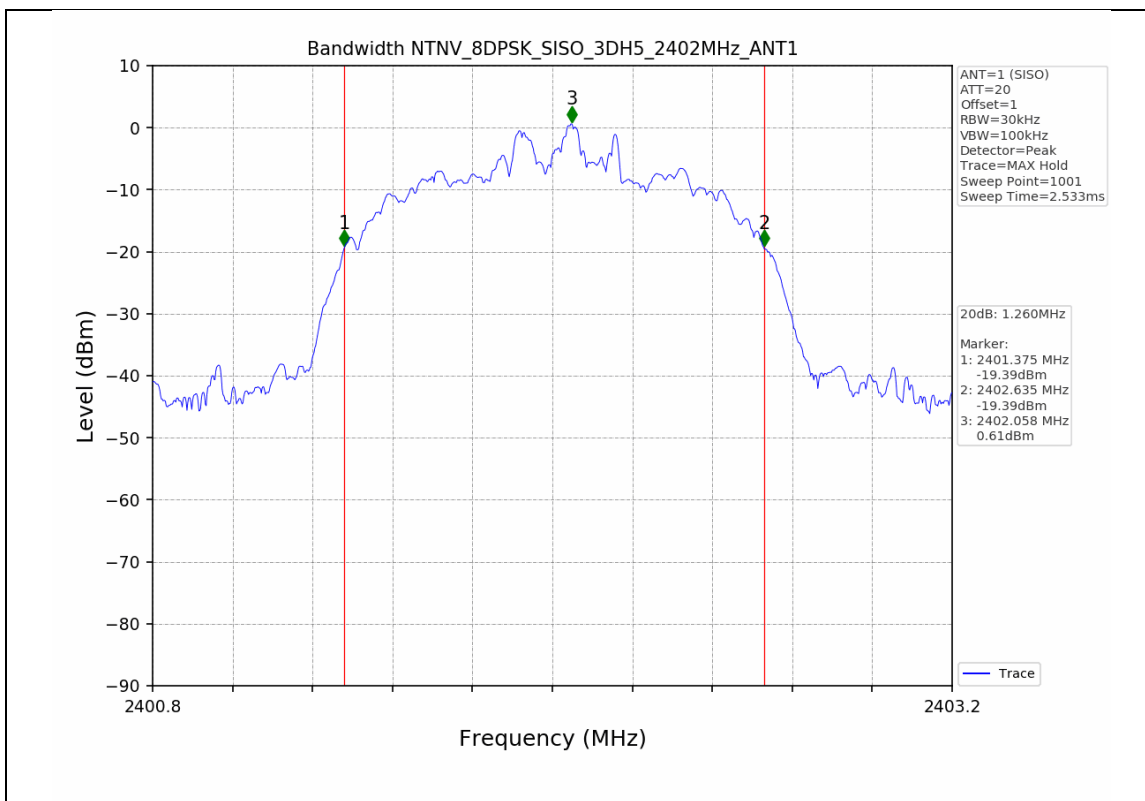
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.859	Only for Report Use
	2441	SISO	1	0.862	Only for Report Use
	2480	SISO	1	0.857	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.147	Only for Report Use
	2441	SISO	1	1.141	Only for Report Use
	2480	SISO	1	1.144	Only for Report Use
8DPSK	2402	SISO	1	1.157	Only for Report Use
	2441	SISO	1	1.147	Only for Report Use
	2480	SISO	1	1.140	Only for Report Use

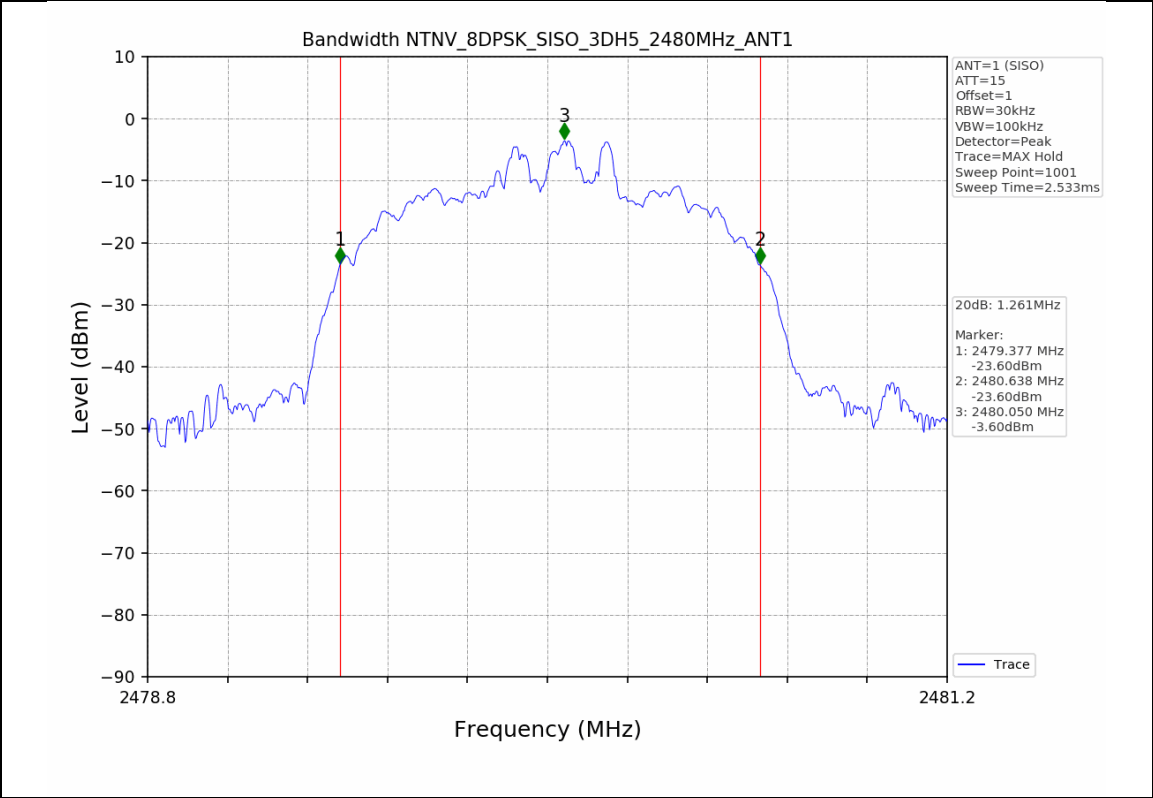
1.2 Test Graph - 20dB Bandwidth



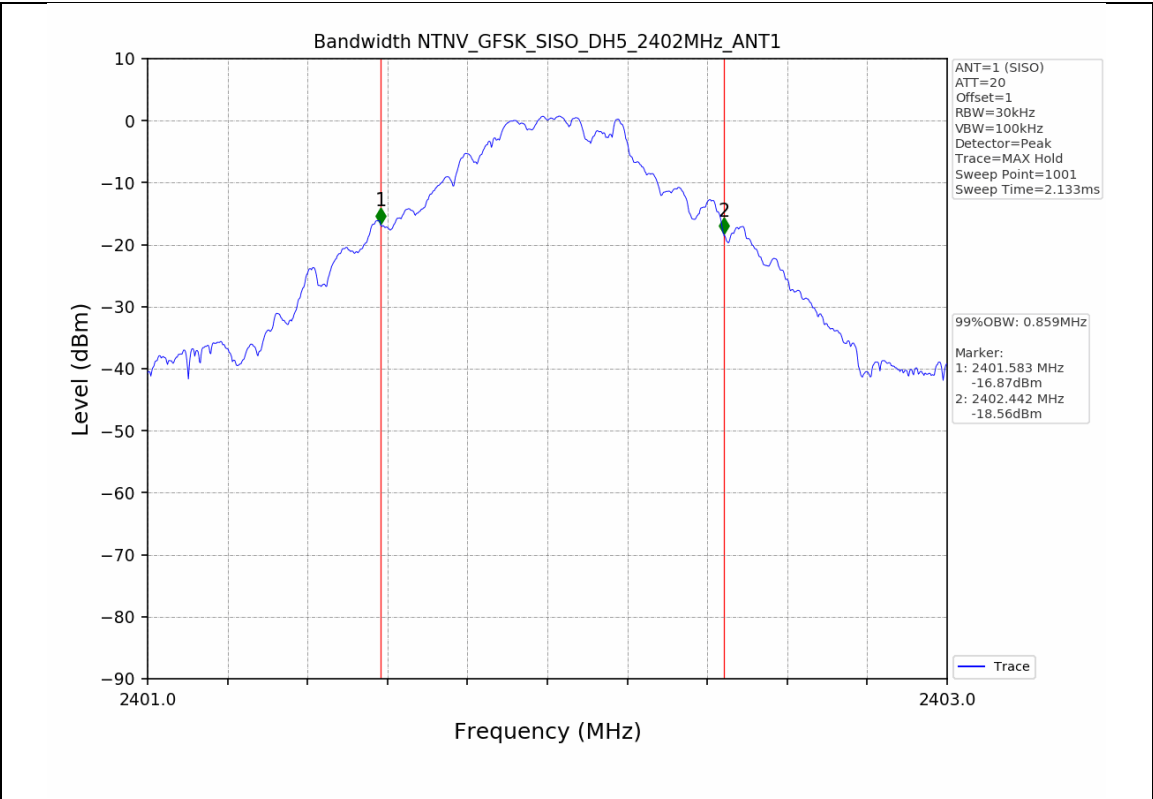


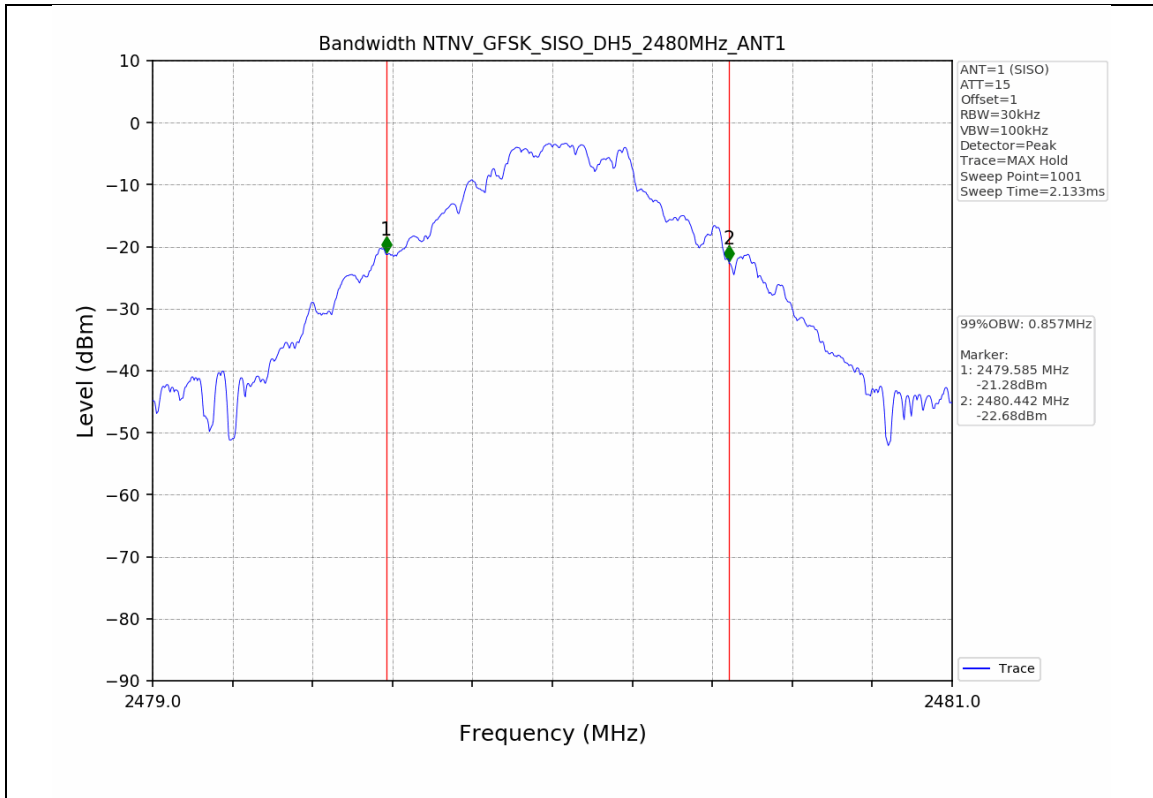
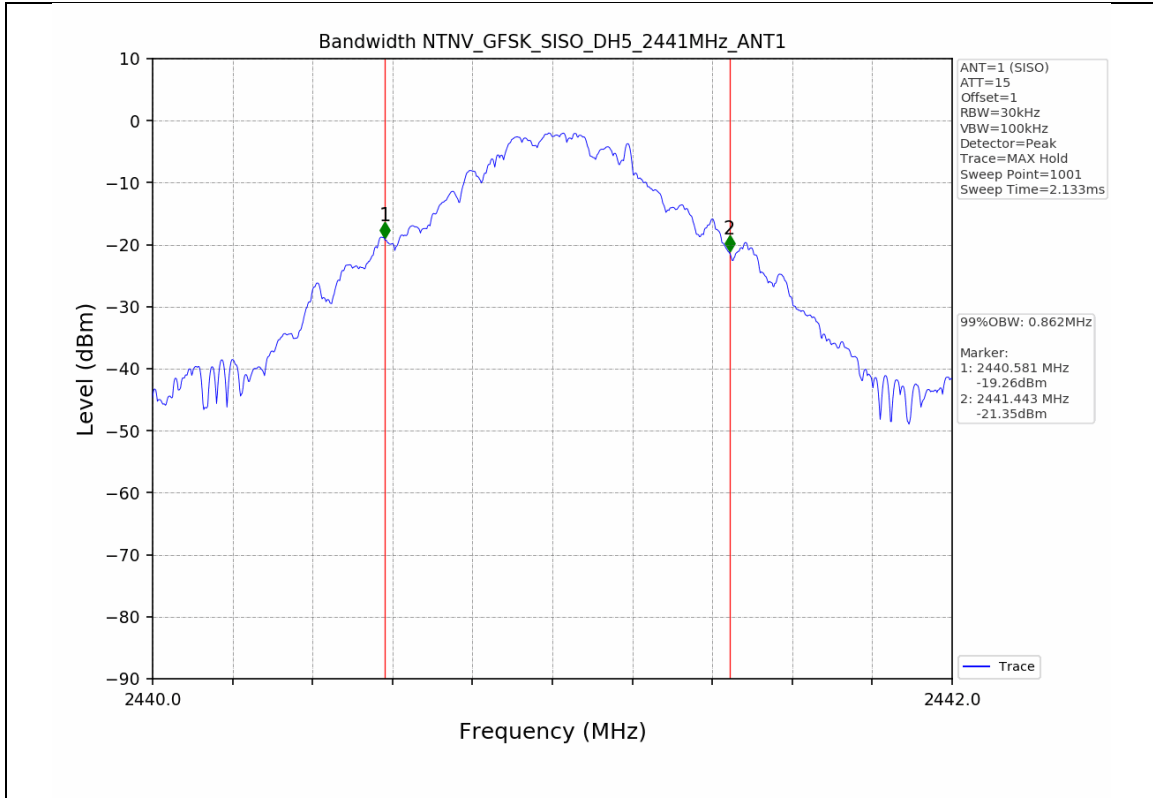


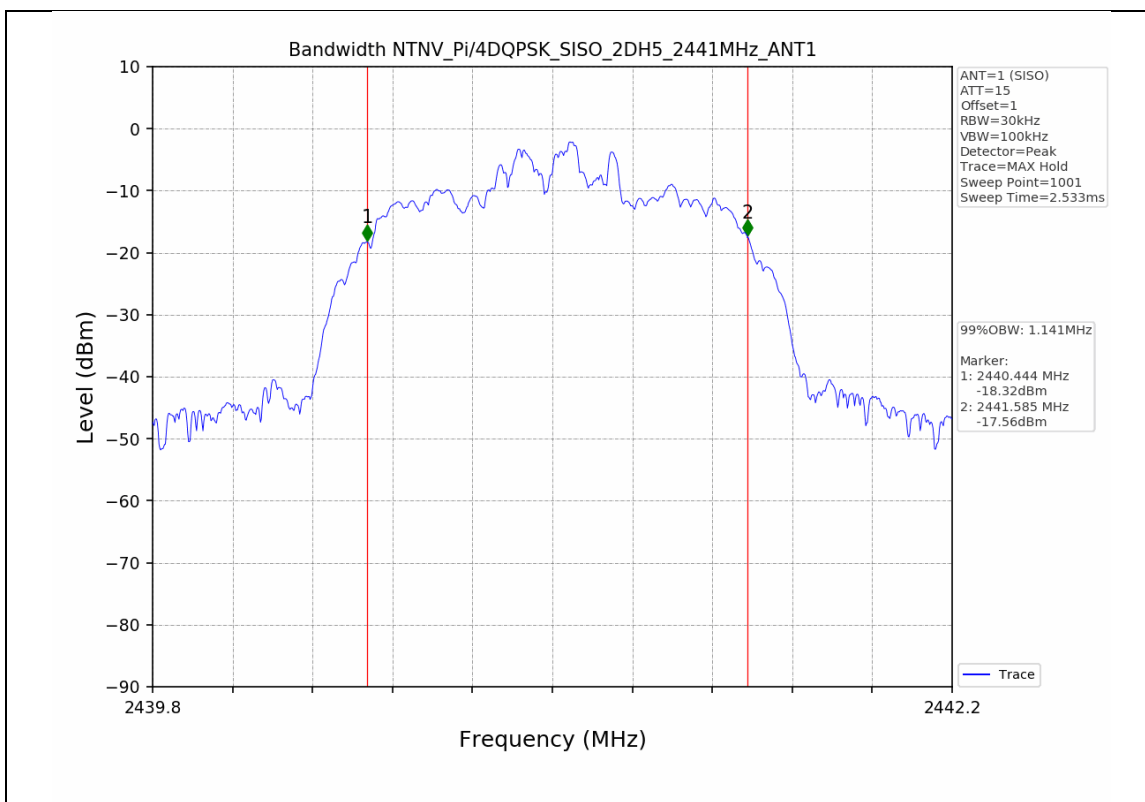
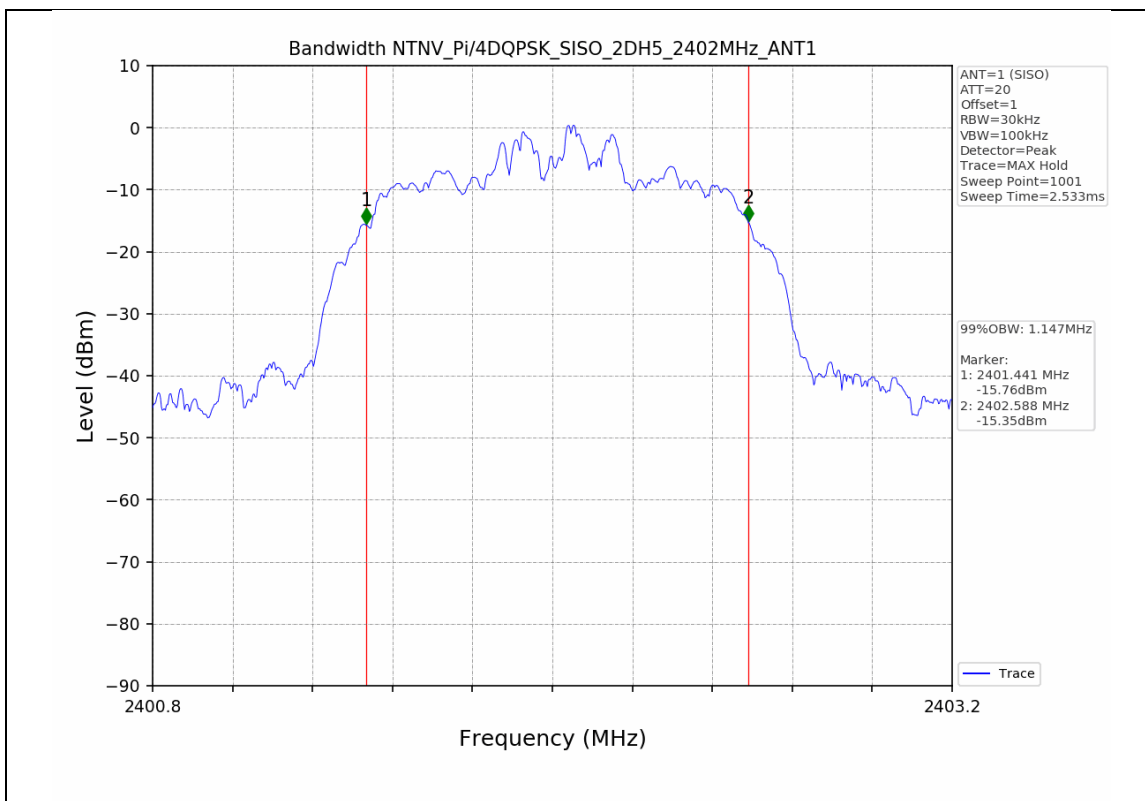


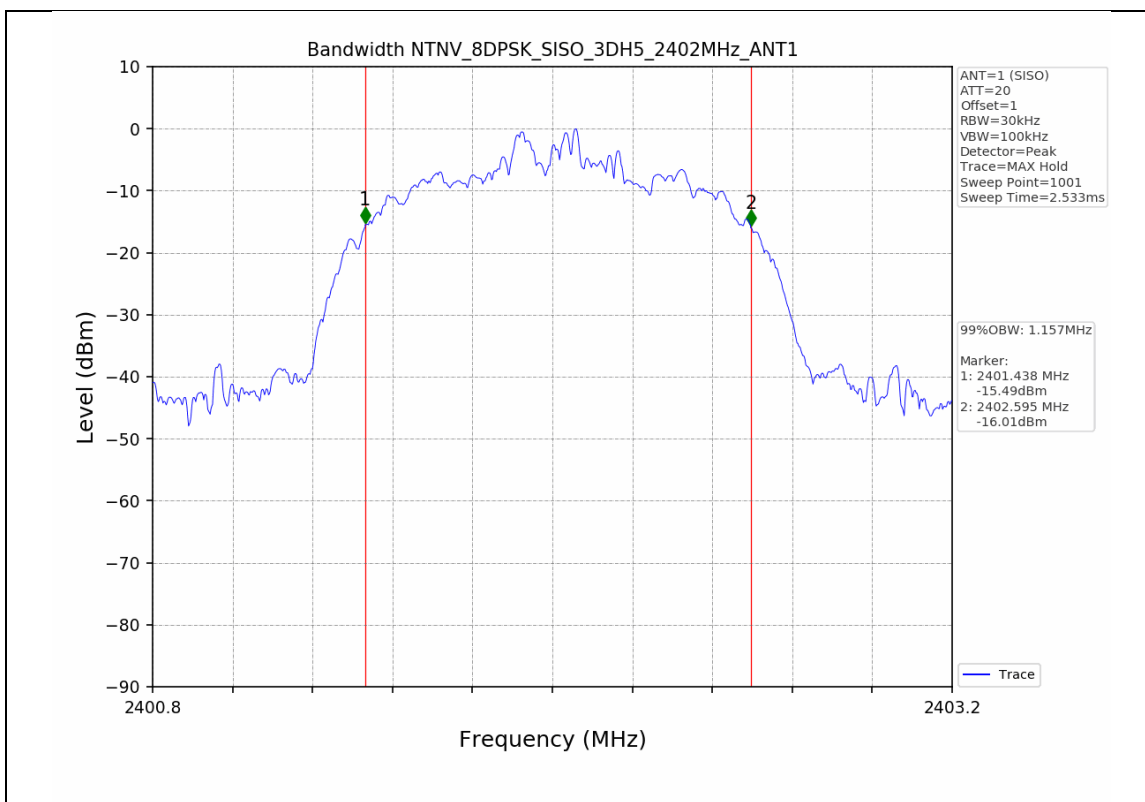
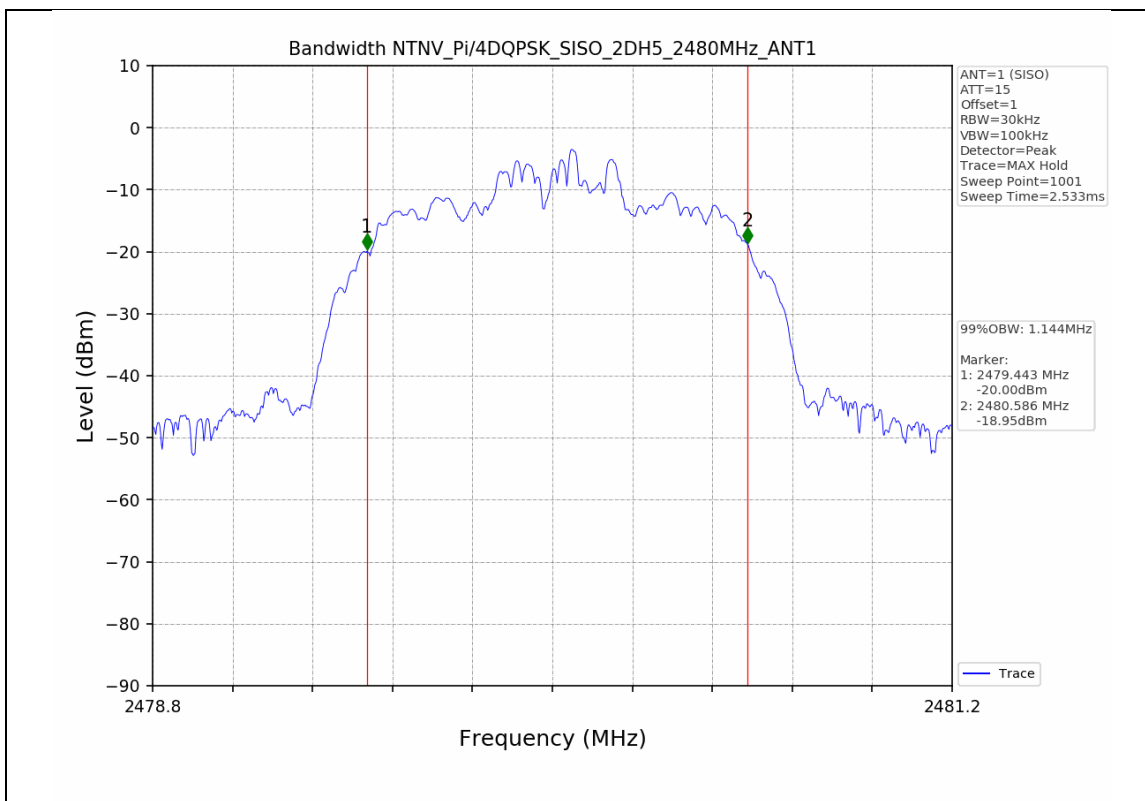


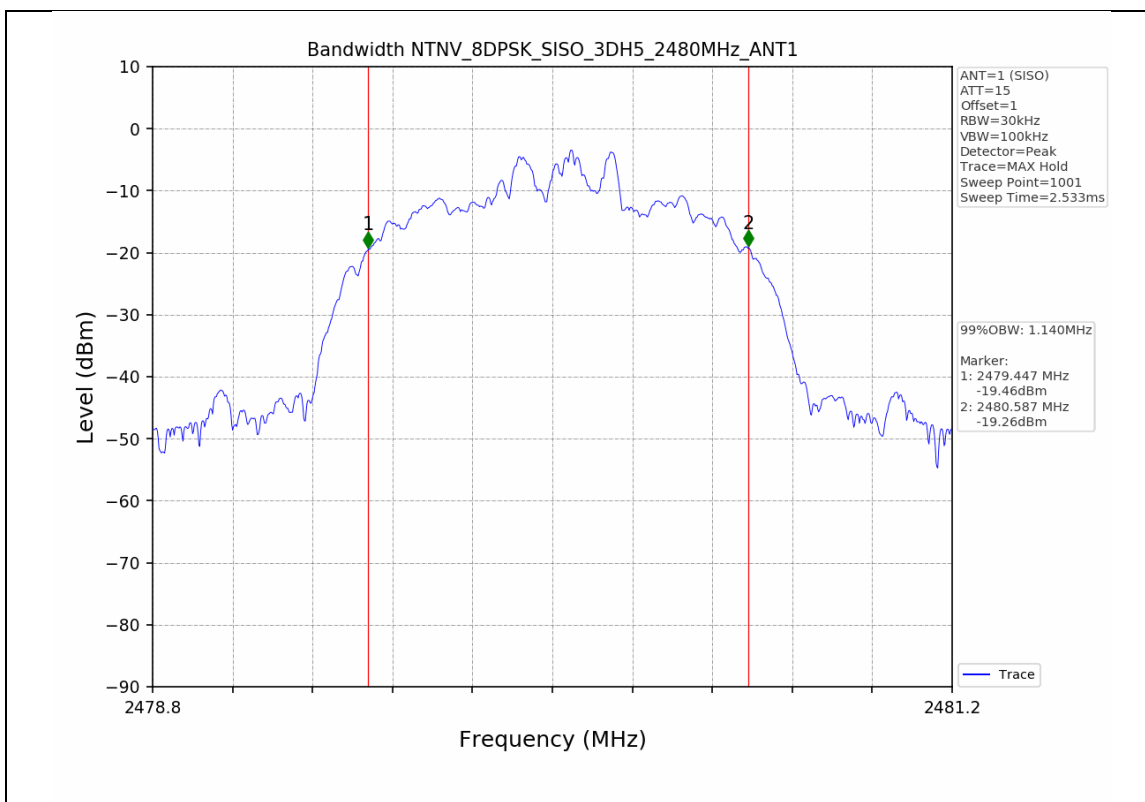
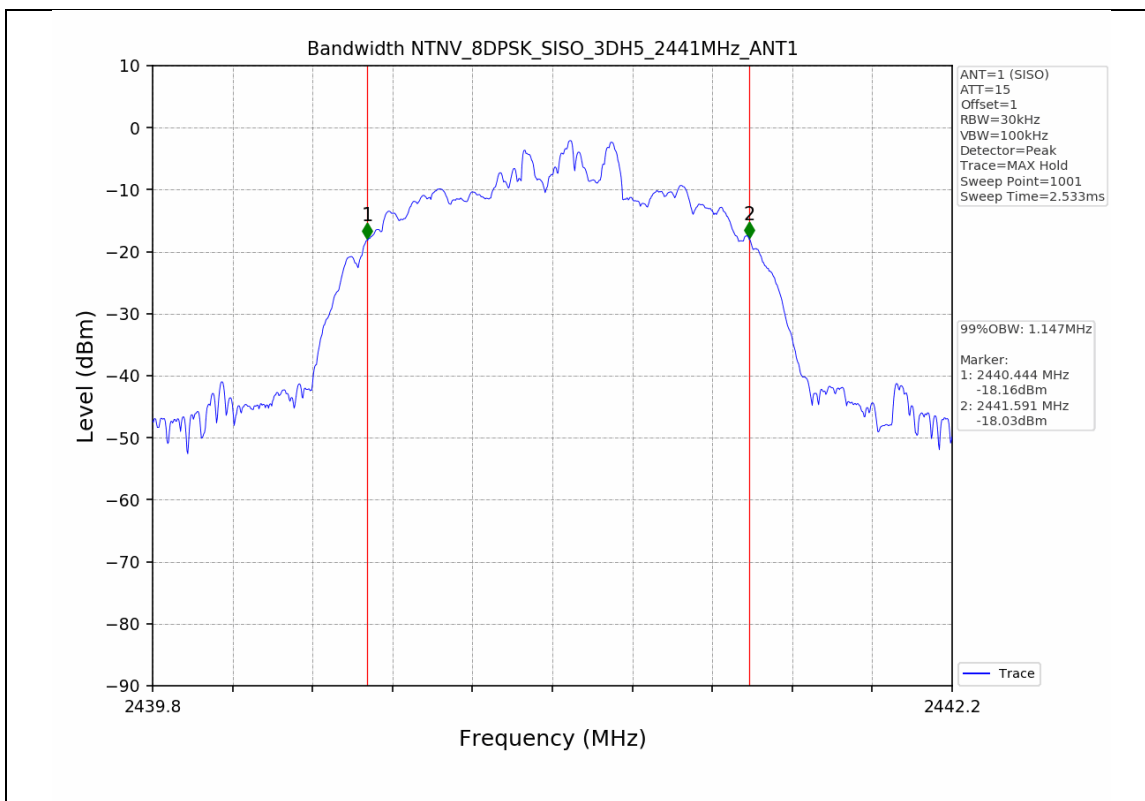
1.3 Test Graph - 99% Occupied Bandwidth









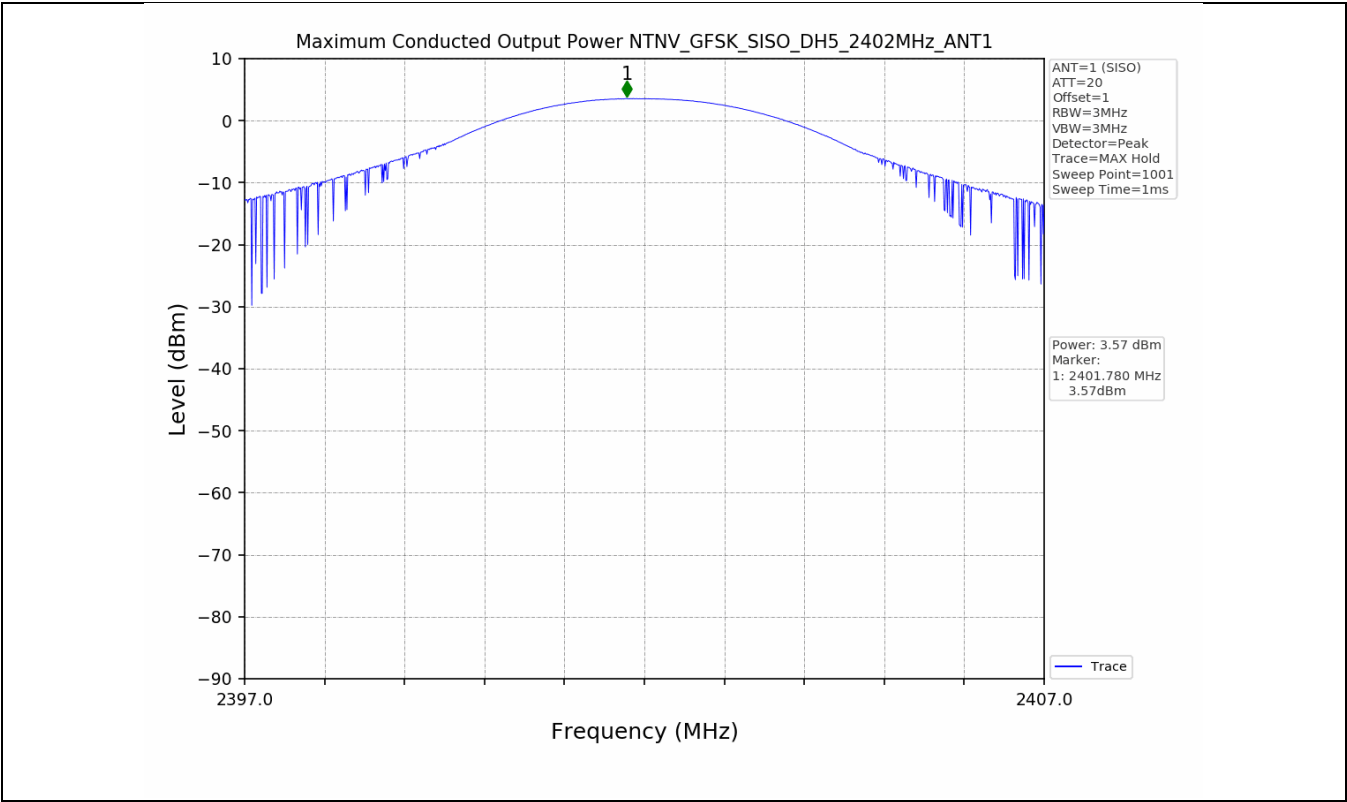


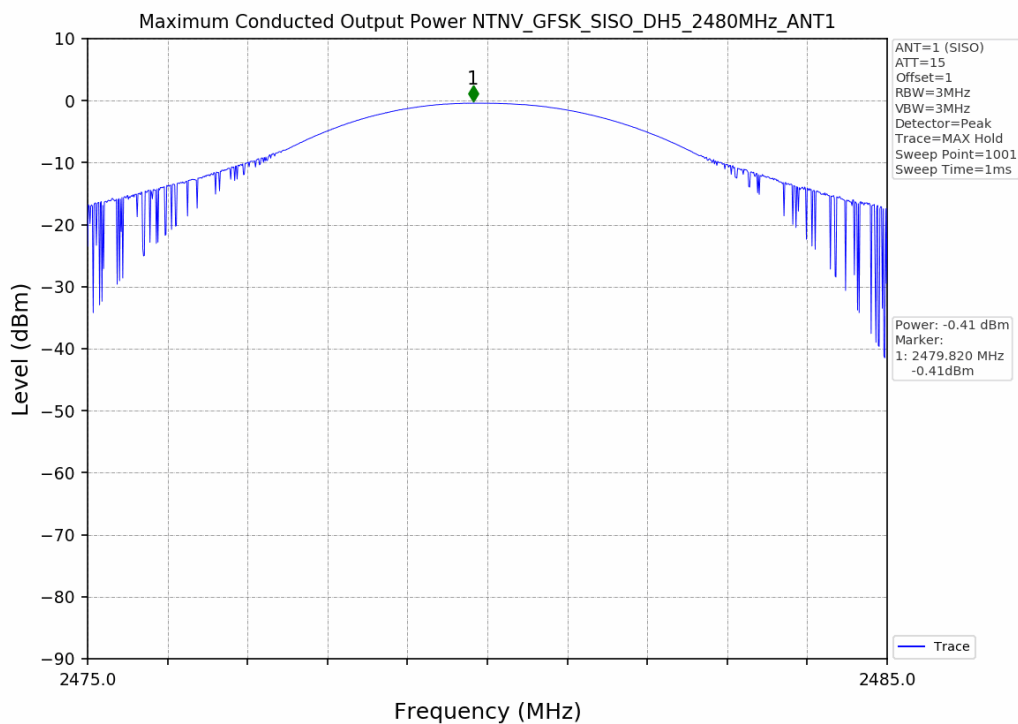
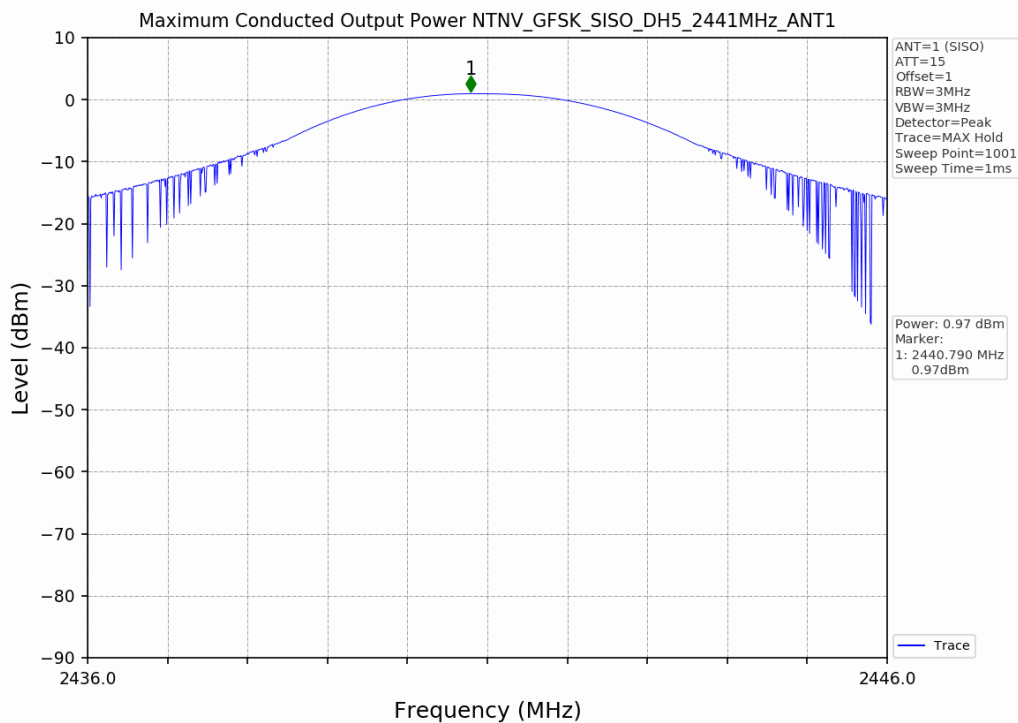
2. Maximum Conducted Output Power

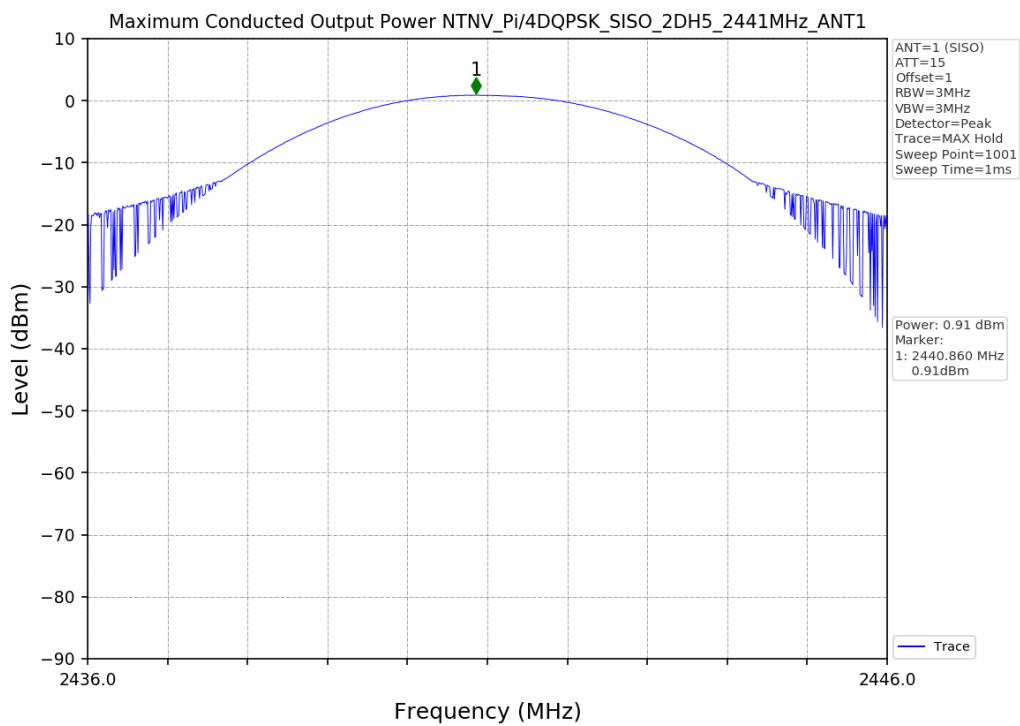
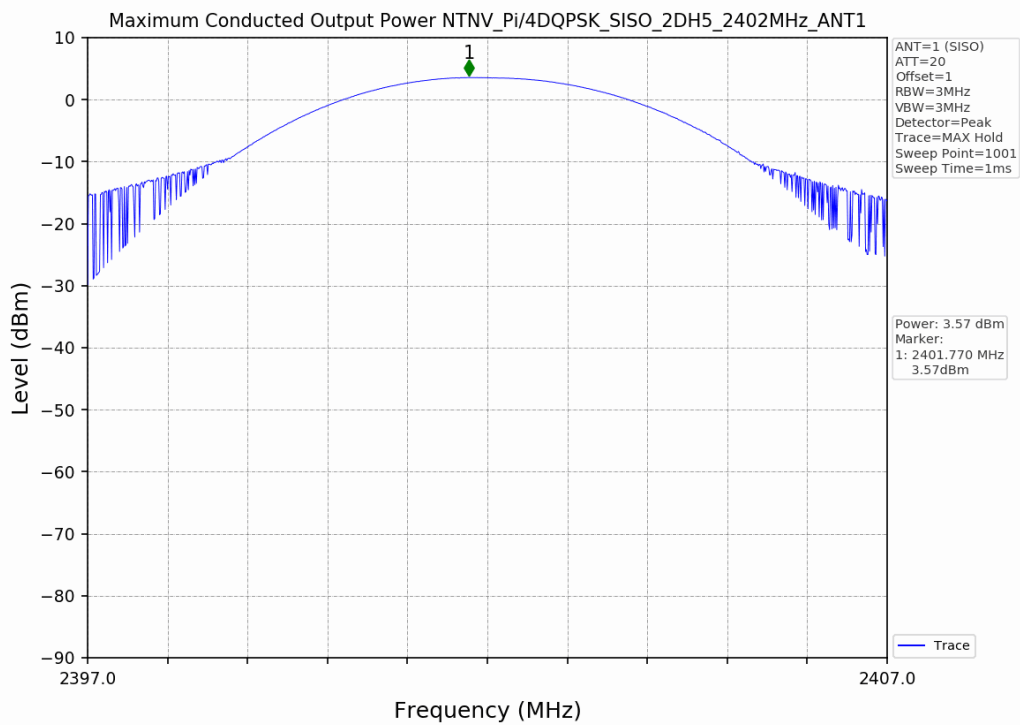
2.1 Test Result

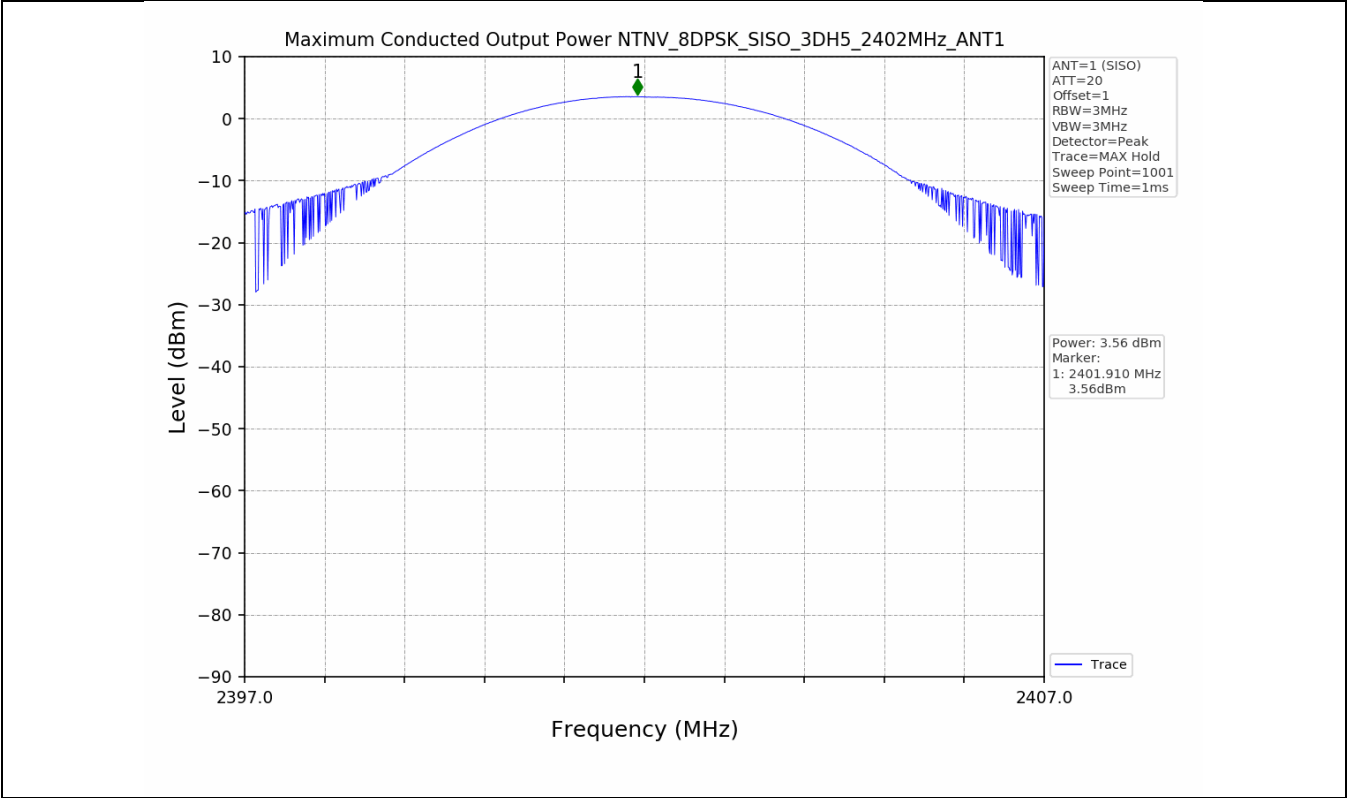
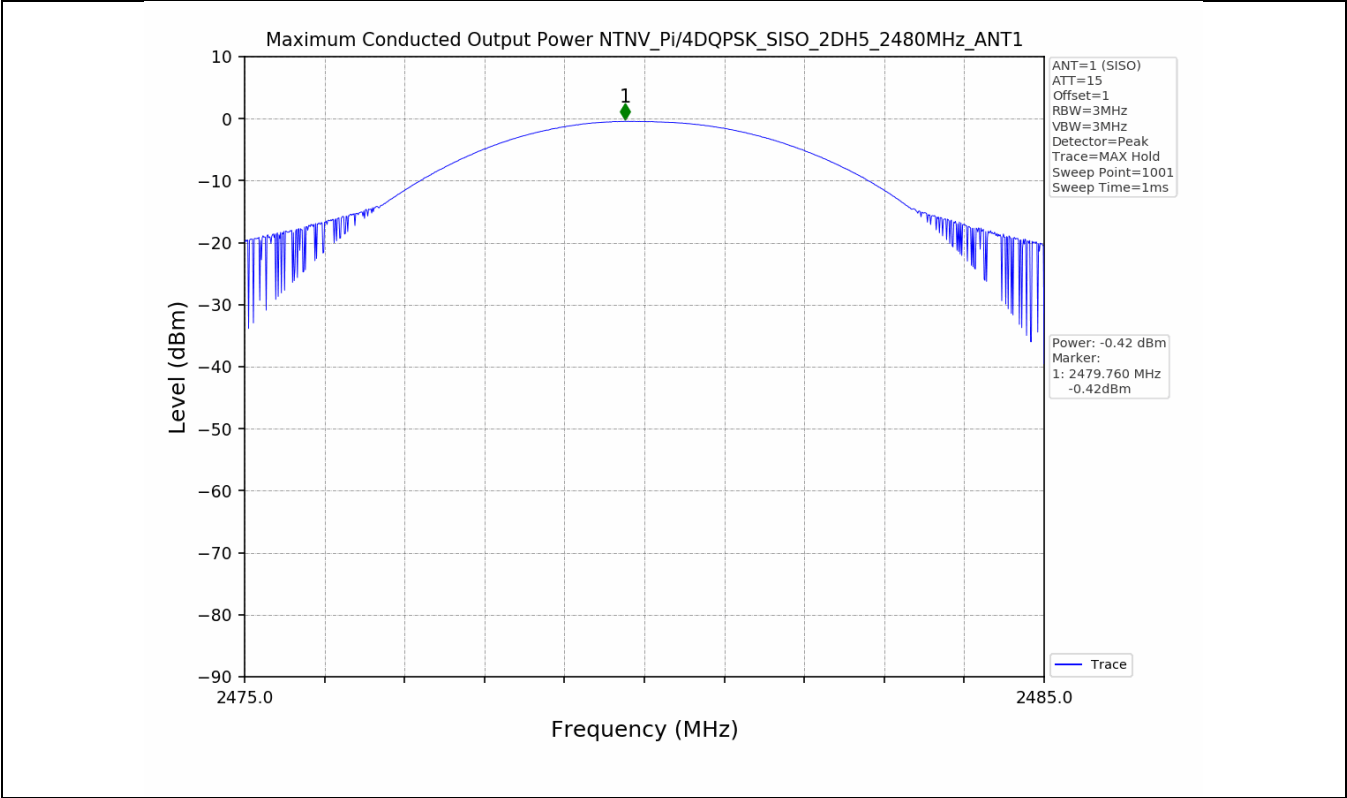
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	3.57	30	PASS
	2441	SISO	0.97	30	PASS
	2480	SISO	-0.41	30	PASS
Pi/4DQPSK	2402	SISO	3.57	20.97	PASS
	2441	SISO	0.91	20.97	PASS
	2480	SISO	-0.42	20.97	PASS
8DPSK	2402	SISO	3.56	20.97	PASS
	2441	SISO	0.96	20.97	PASS
	2480	SISO	-0.43	20.97	PASS

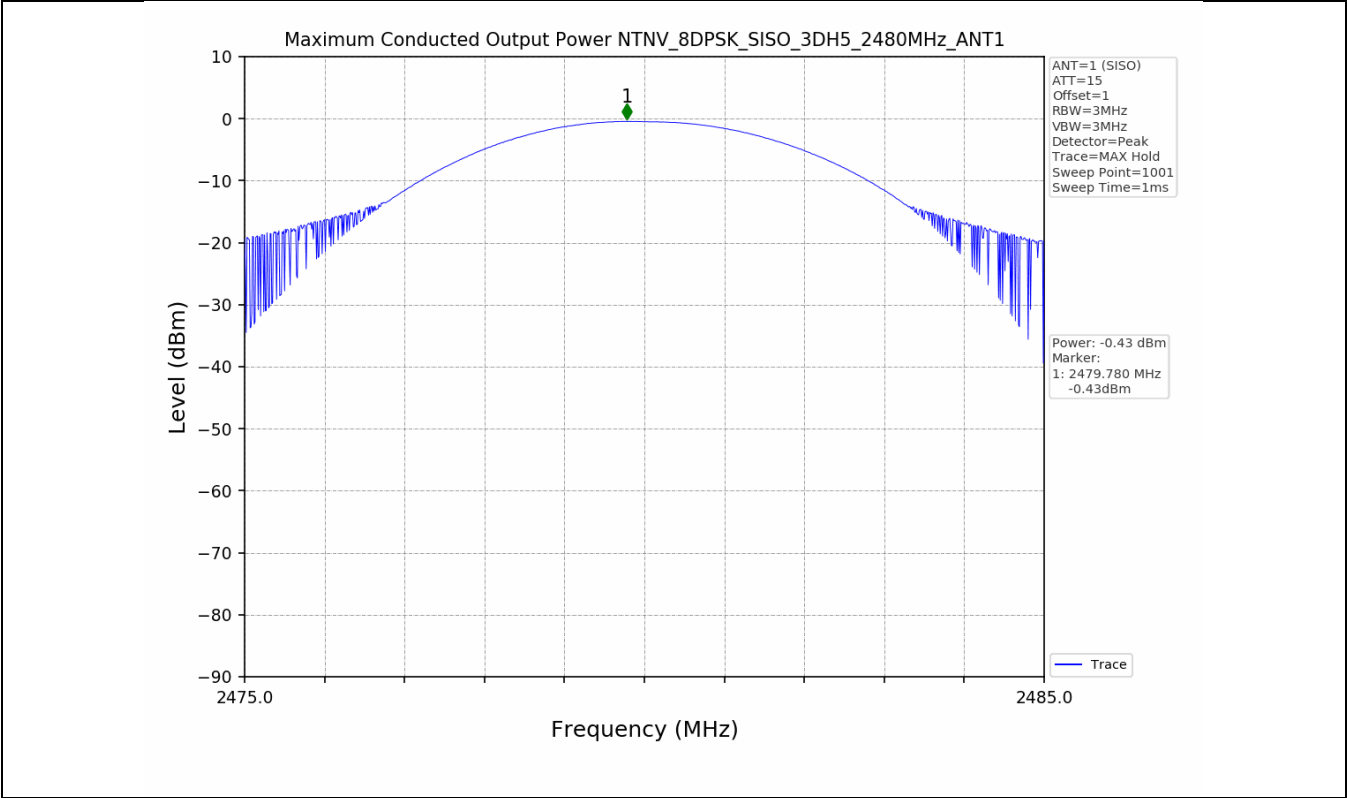
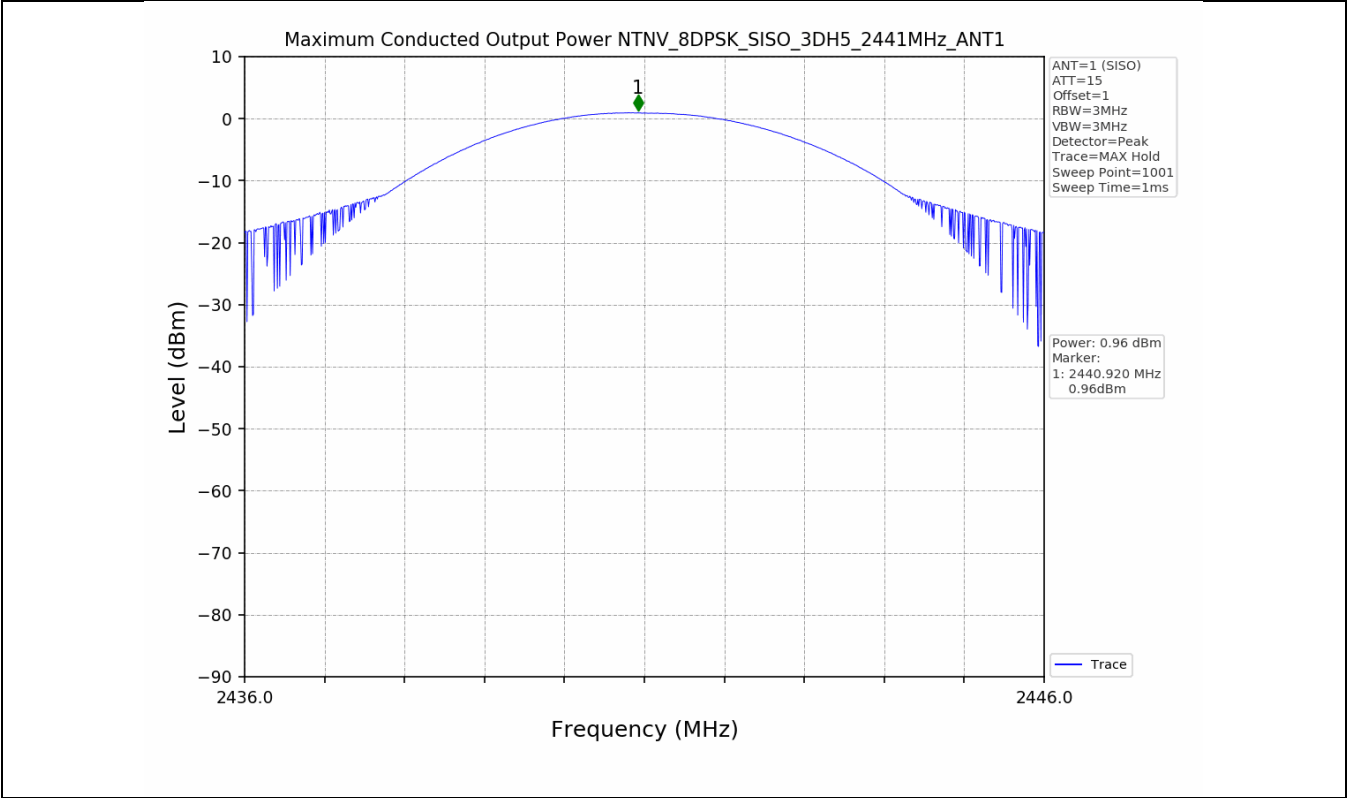
2.2 Test Graph









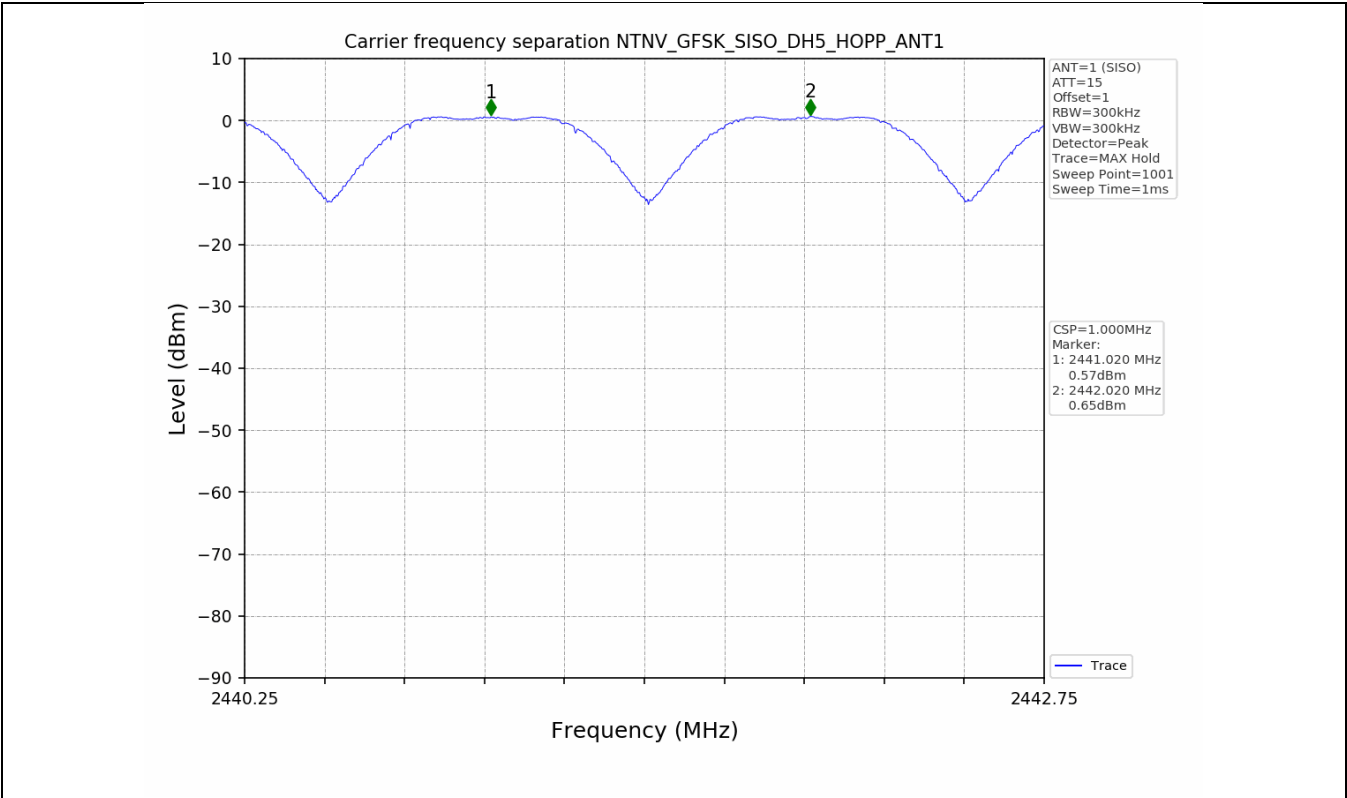


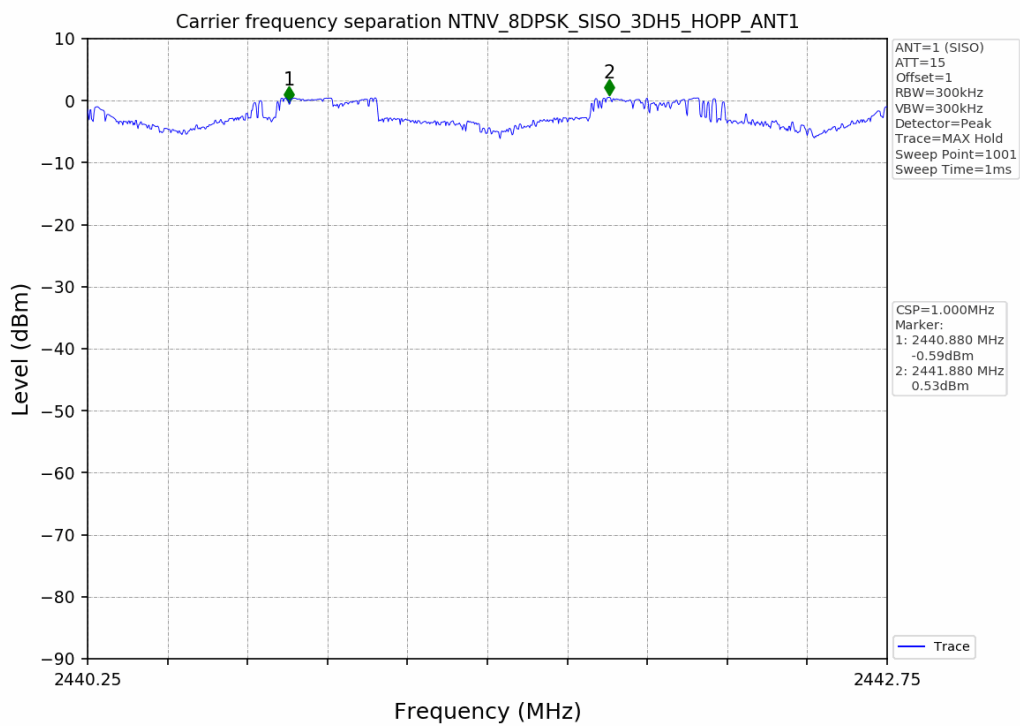
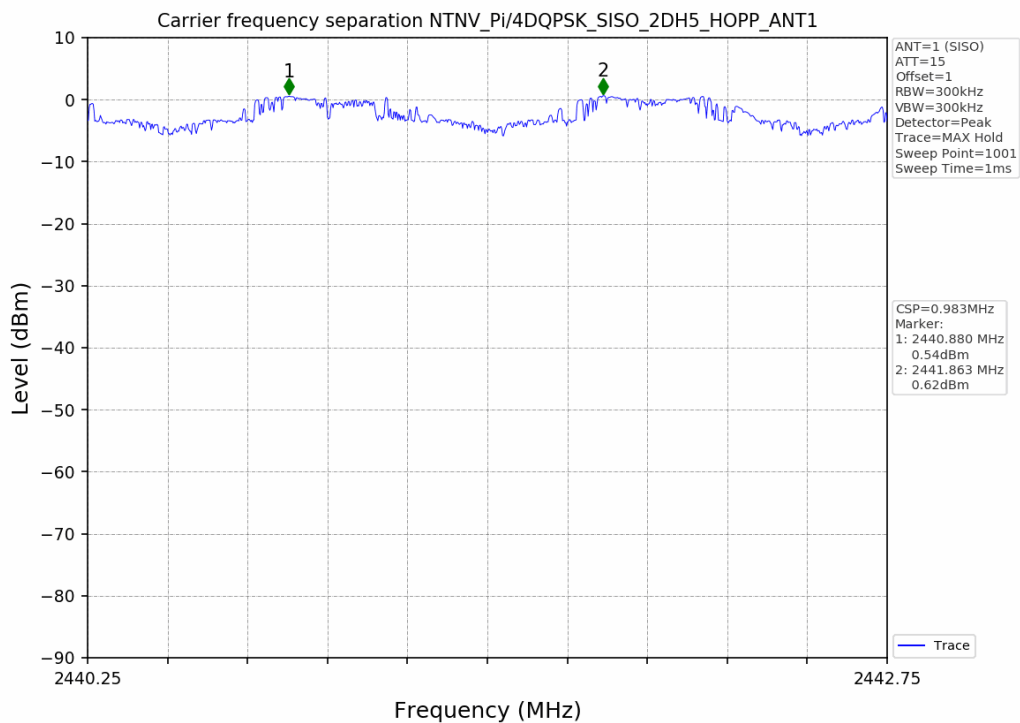
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	0.963	≥ 0.963	PASS
Pi/4DQPSK	SISO	1	0.983	1.282	≥ 0.855	PASS
8DPSK	SISO	1	1.000	1.261	≥ 0.841	PASS

3.2 Test Graph



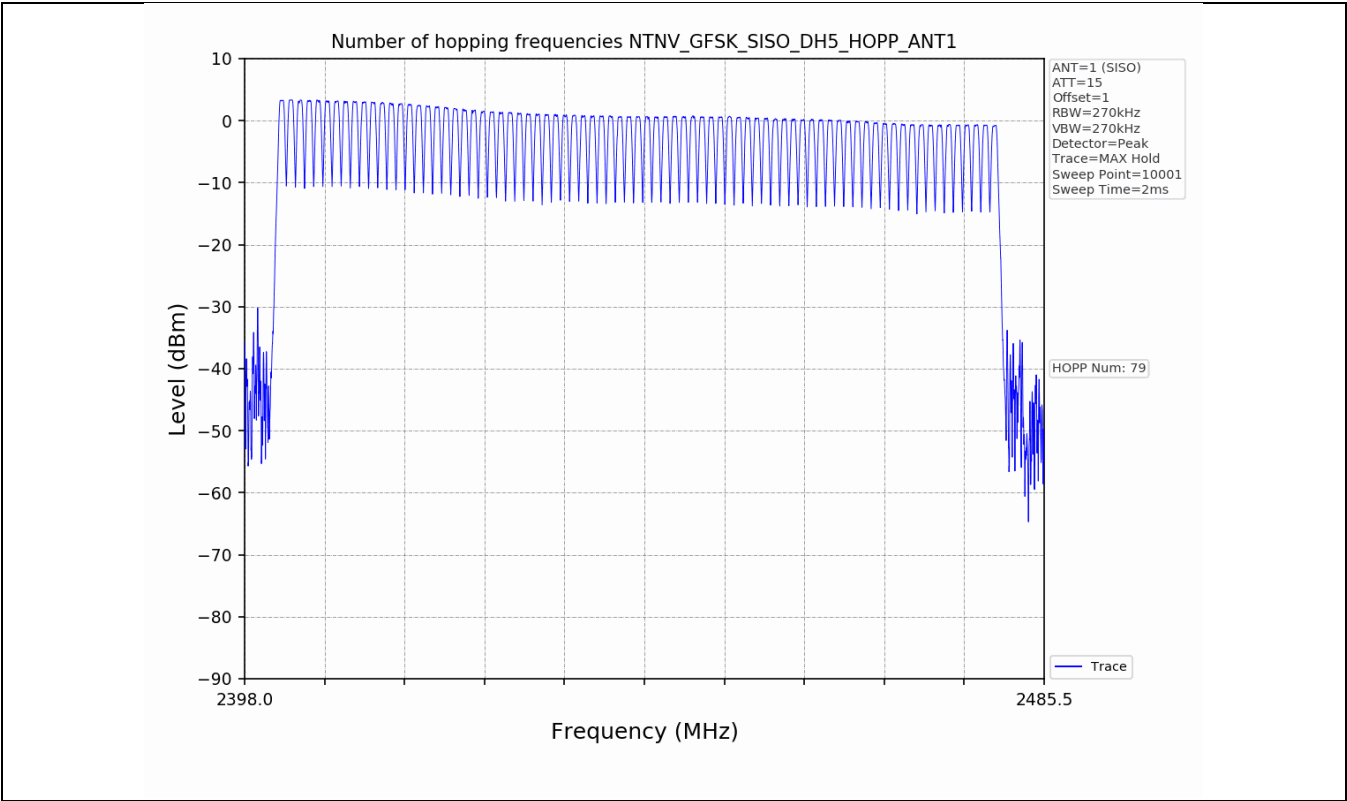


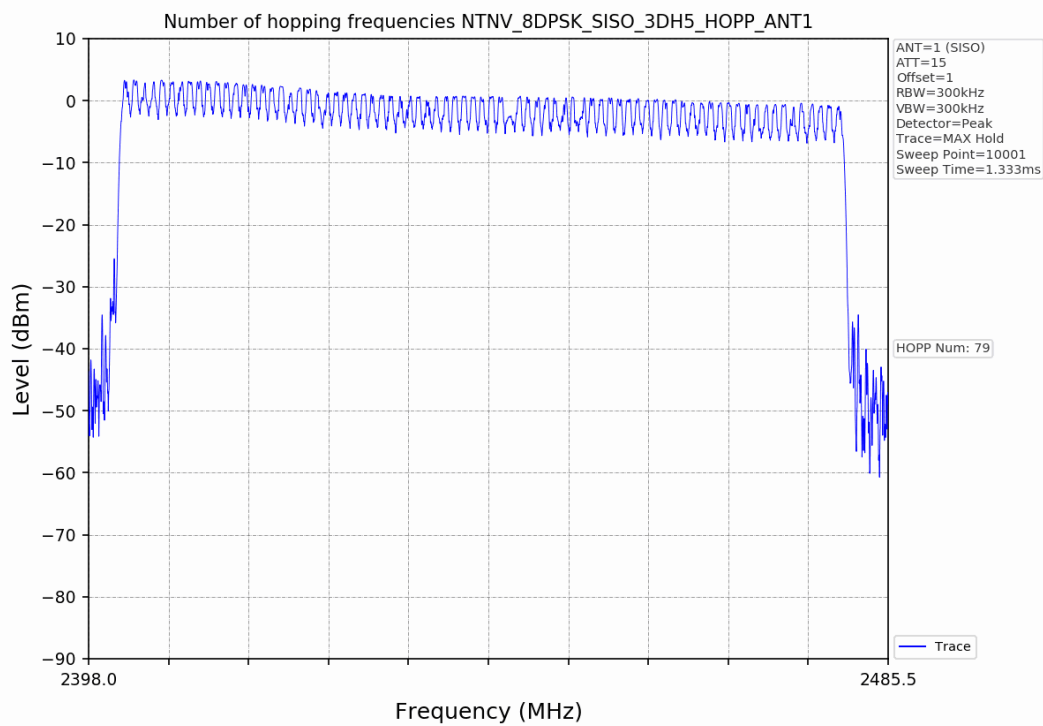
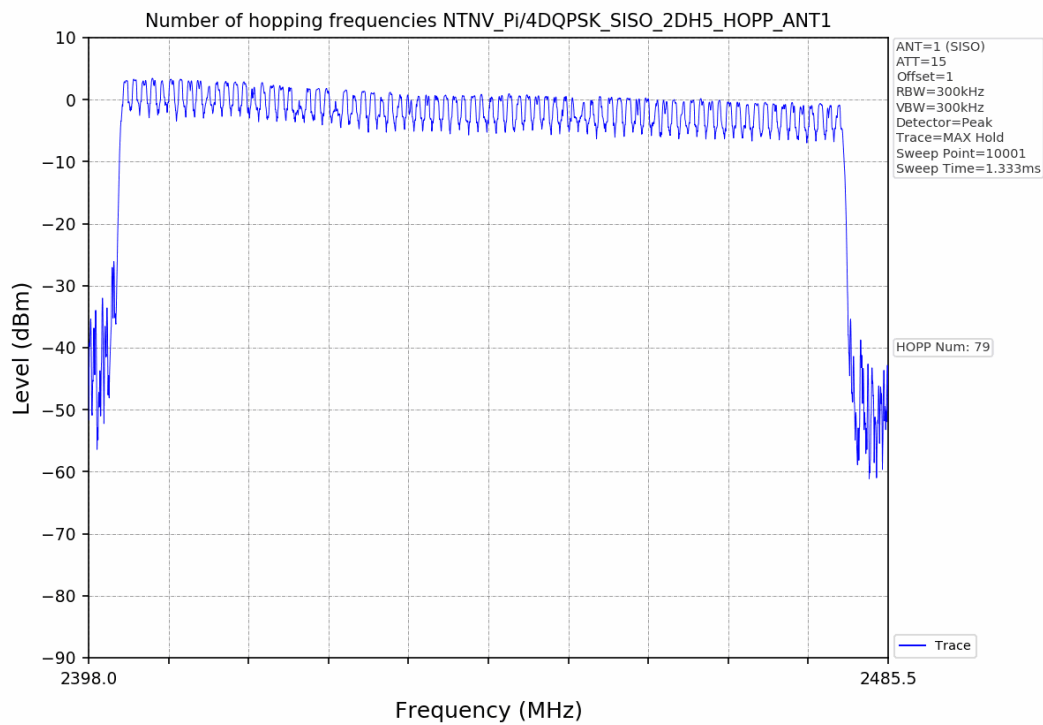
4. Number of hopping frequencies

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



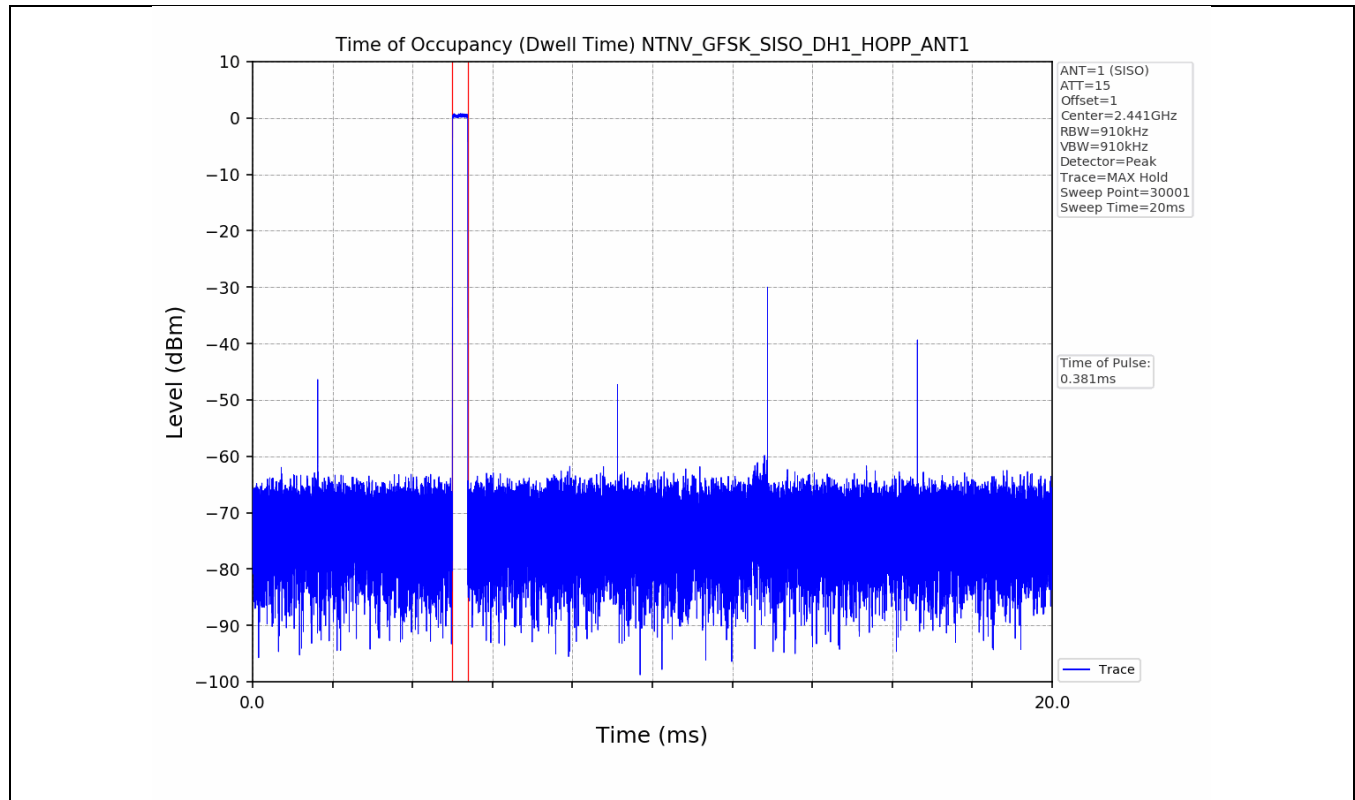


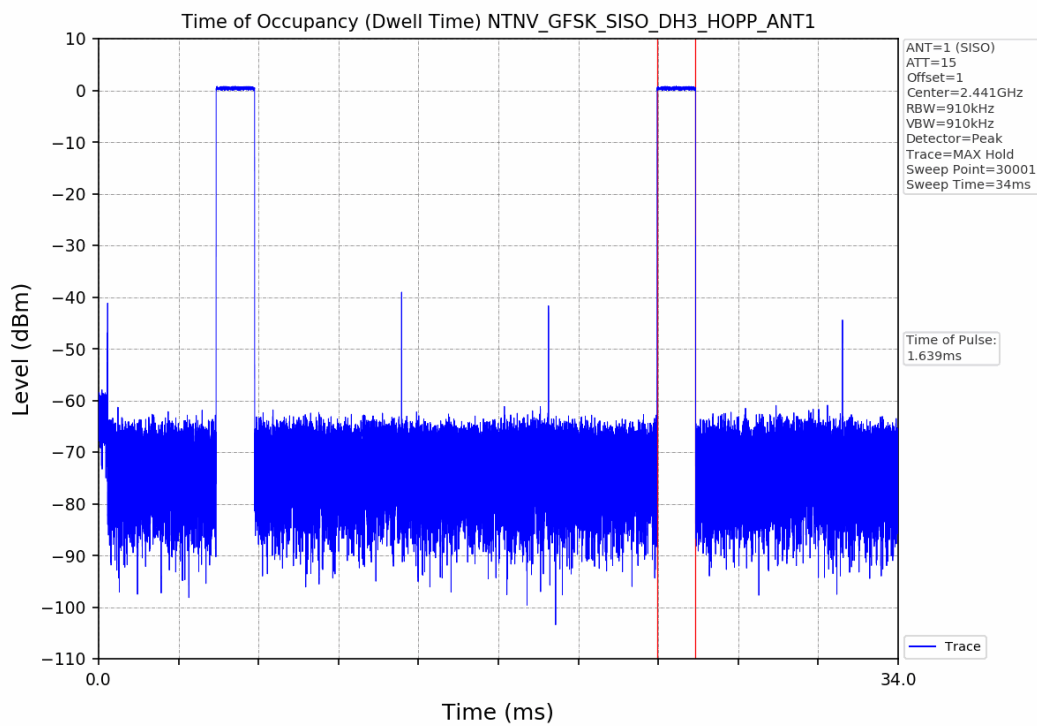
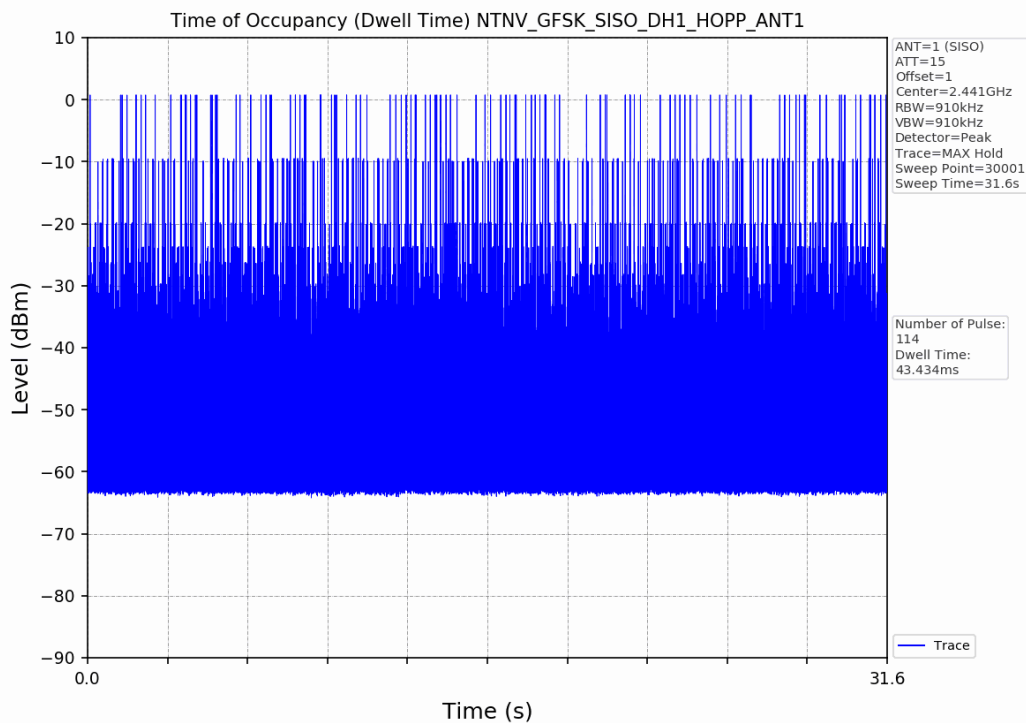
5. Time of Occupancy (Dwell Time)

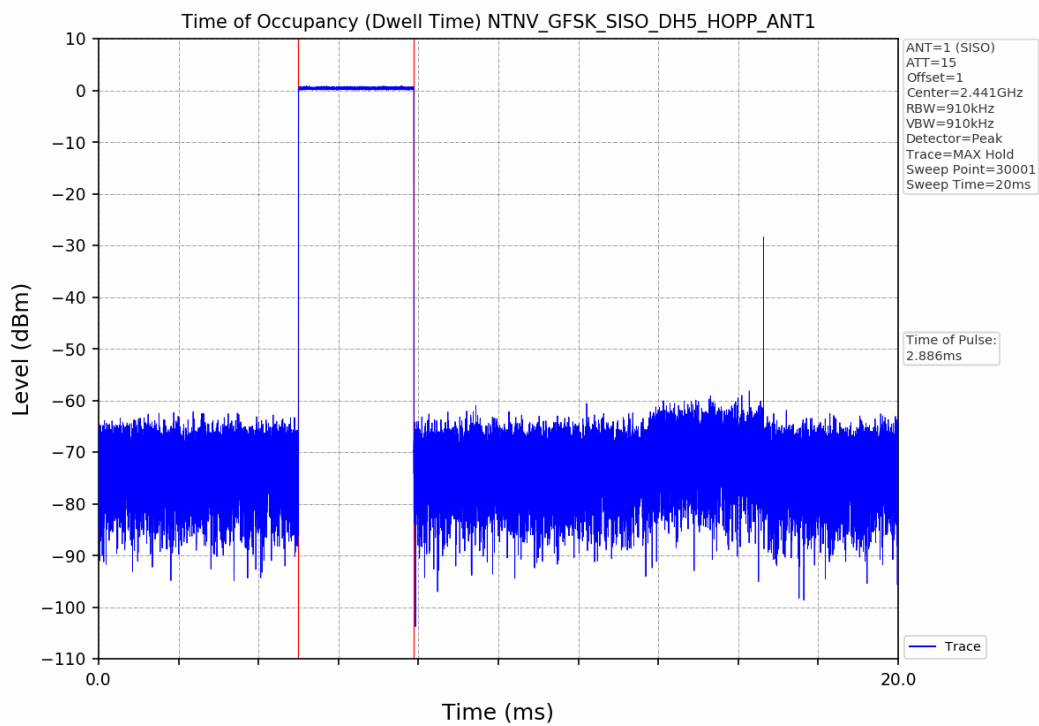
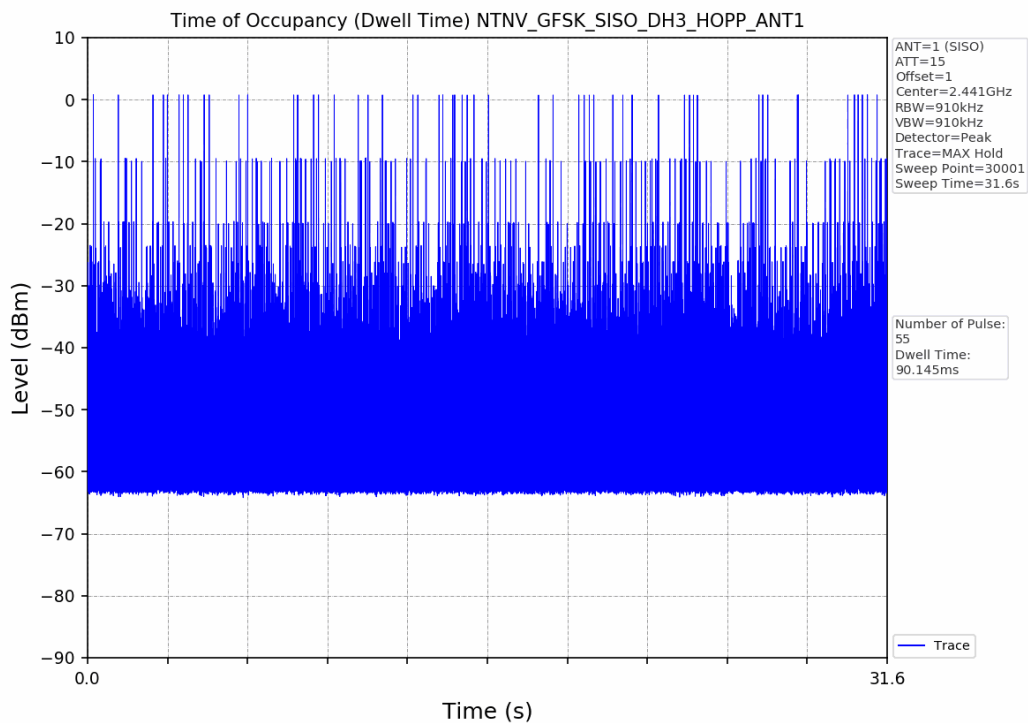
5.1 Test Result

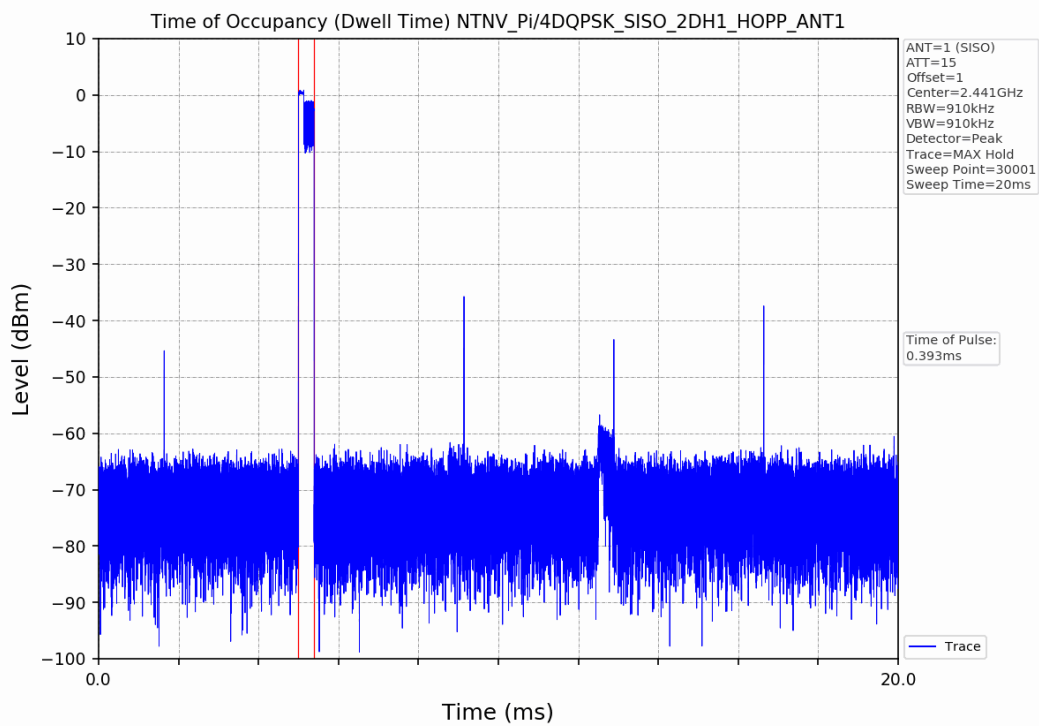
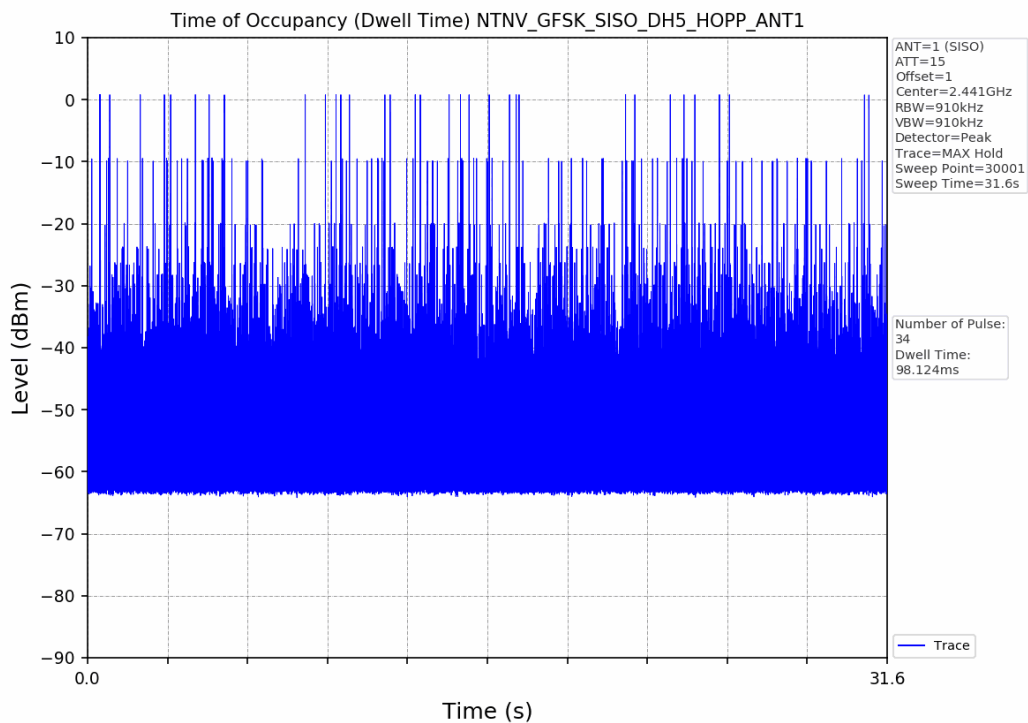
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.381	31.6	114	43.434	≤400	PASS
	DH3	SISO	1	1.639	31.6	55	90.145	≤400	PASS
	DH5	SISO	1	2.886	31.6	34	98.124	≤400	PASS
Pi/4DQ PSK	2DH1	SISO	1	0.393	31.6	106	41.658	≤400	PASS
	2DH3	SISO	1	1.644	31.6	69	113.436	≤400	PASS
	2DH5	SISO	1	2.825	31.6	47	132.775	≤400	PASS
8DPSK	3DH1	SISO	1	0.393	31.6	103	40.479	≤400	PASS
	3DH3	SISO	1	1.643	31.6	65	106.795	≤400	PASS
	3DH5	SISO	1	2.894	31.6	49	141.806	≤400	PASS

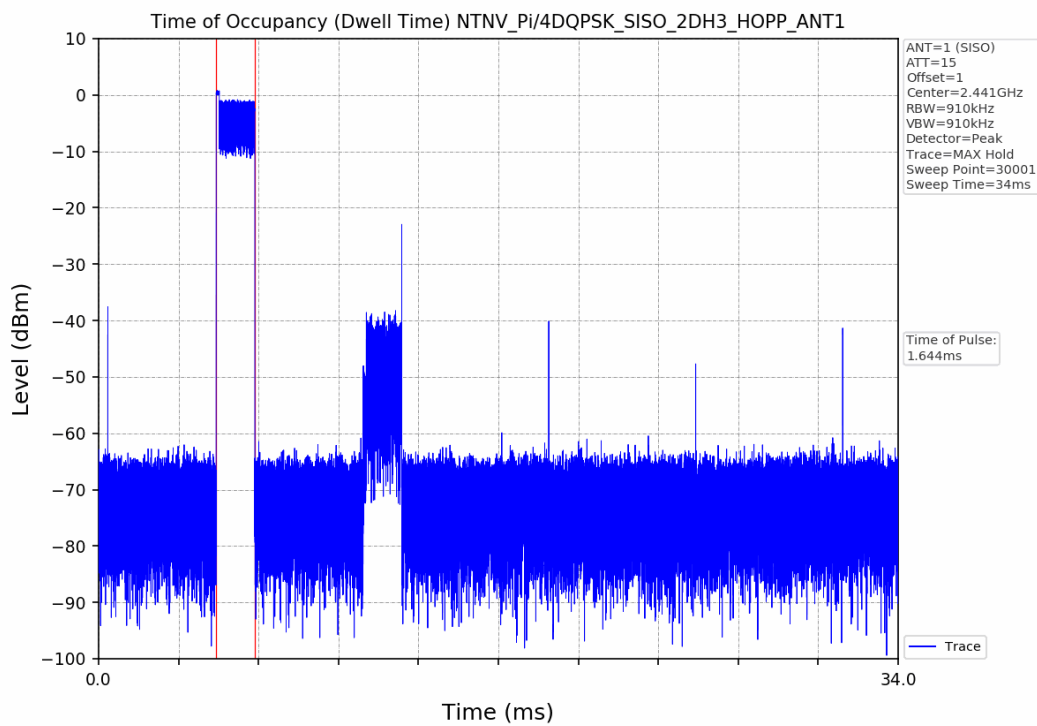
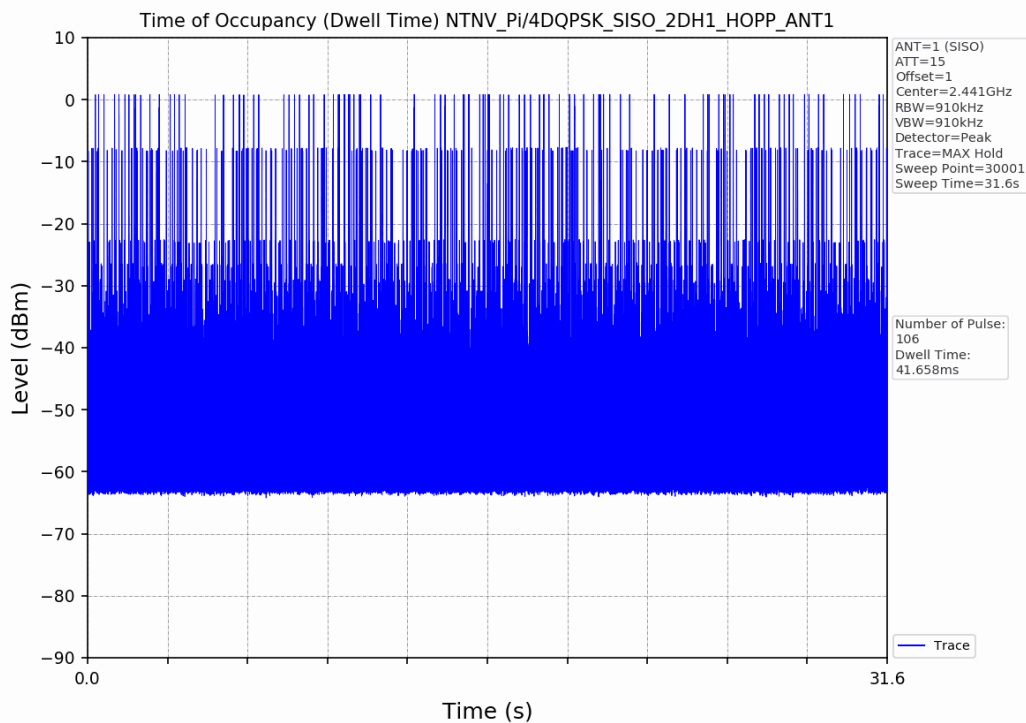
5.2 Test Graph

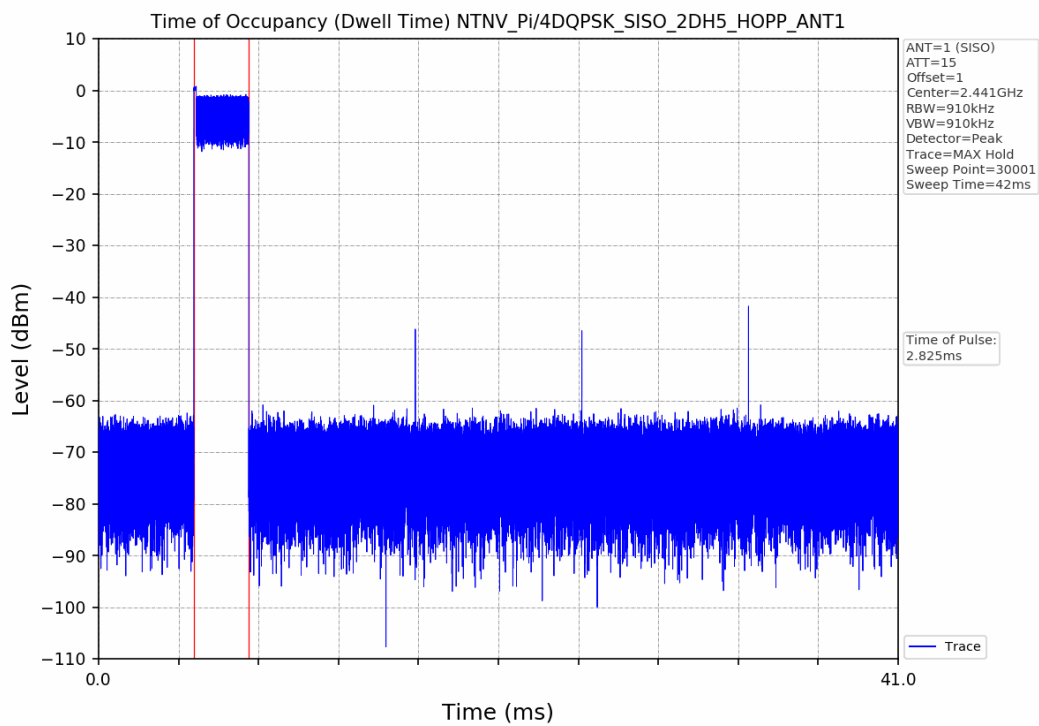
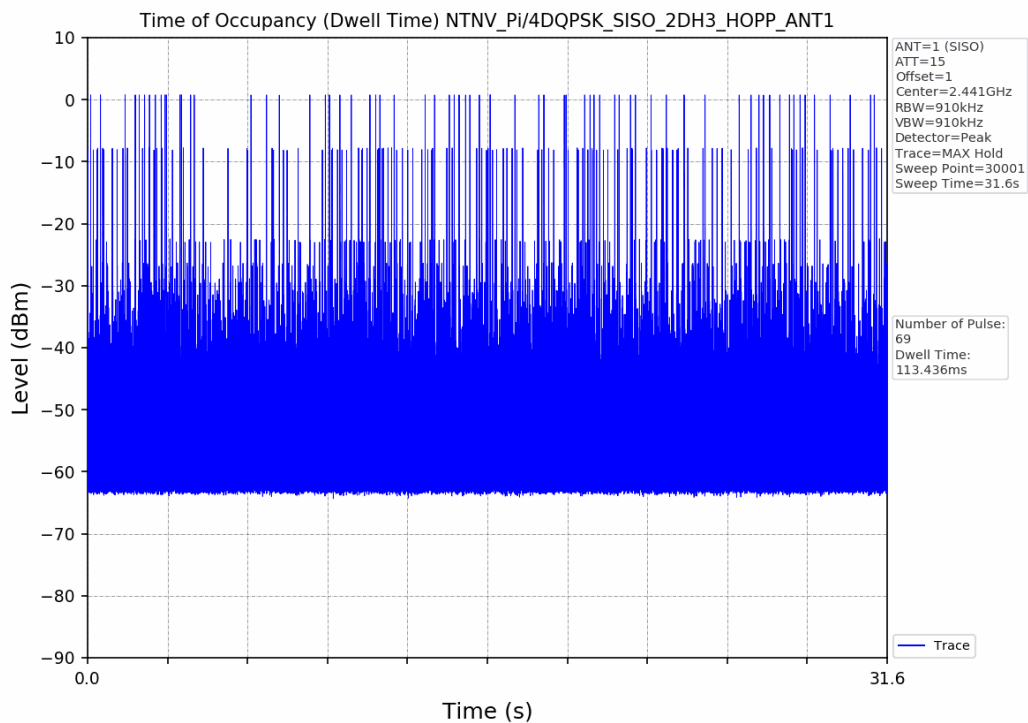


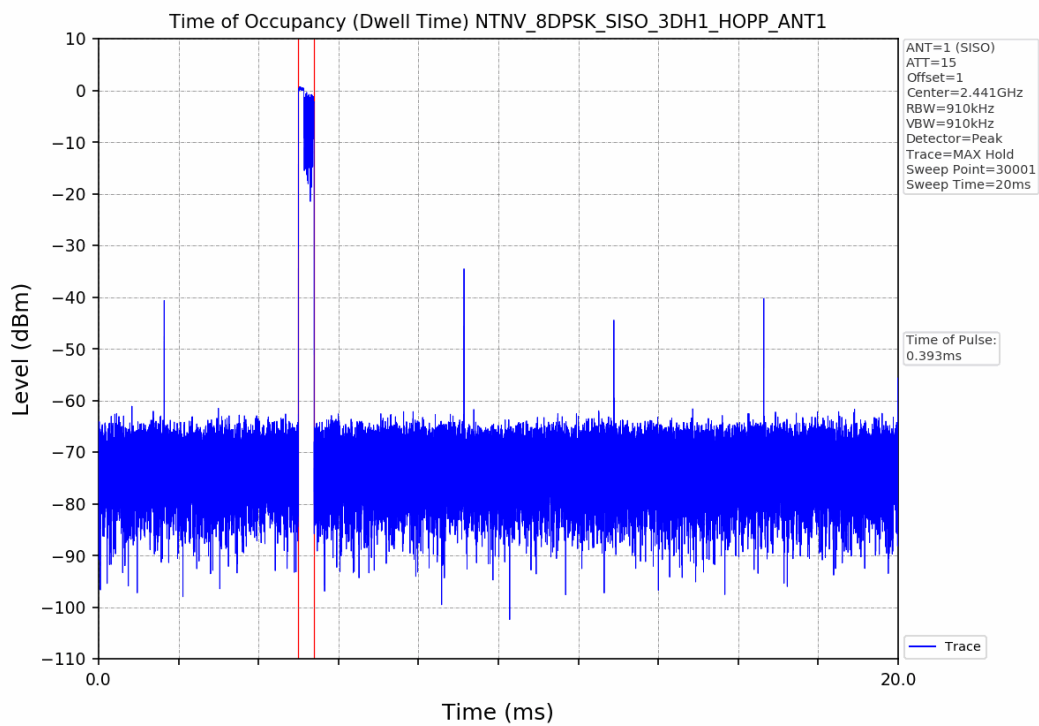
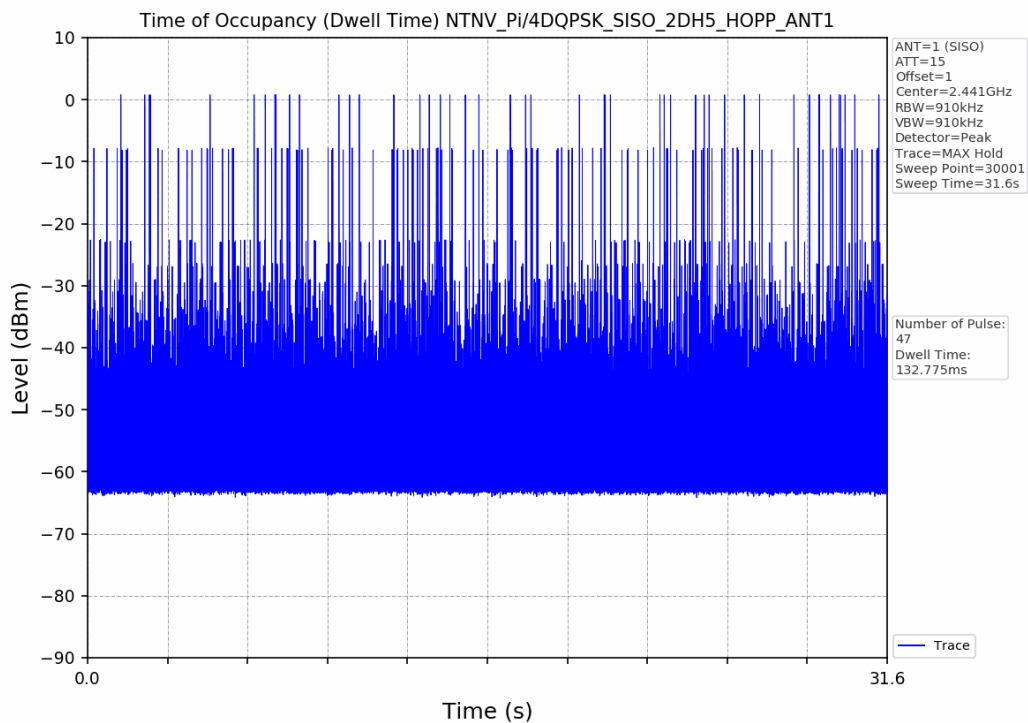


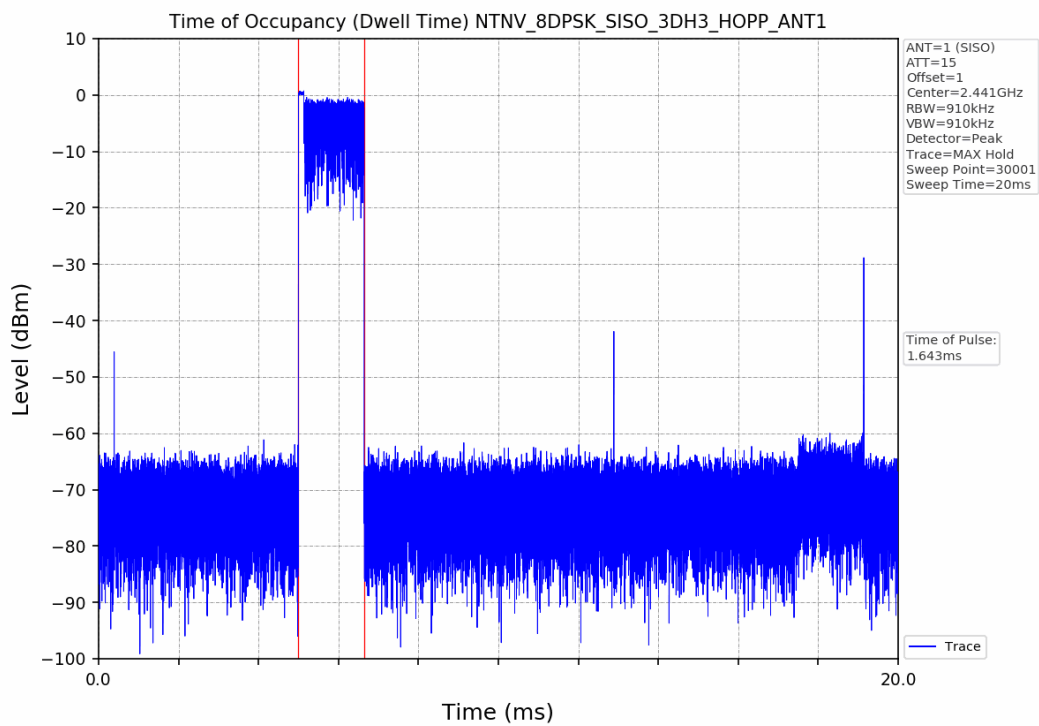
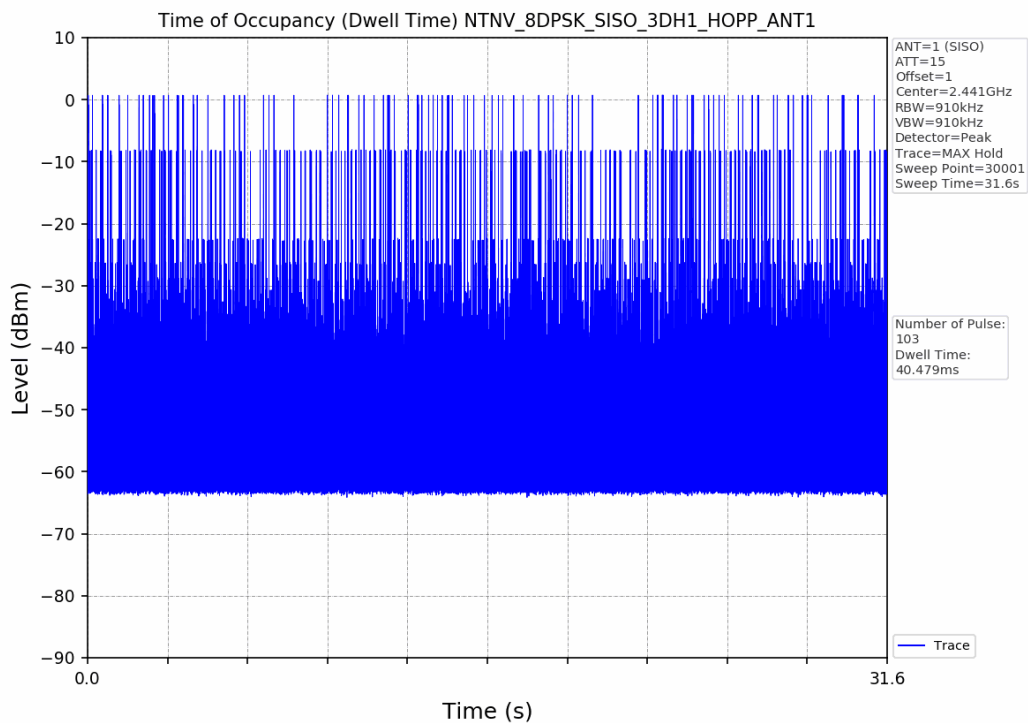


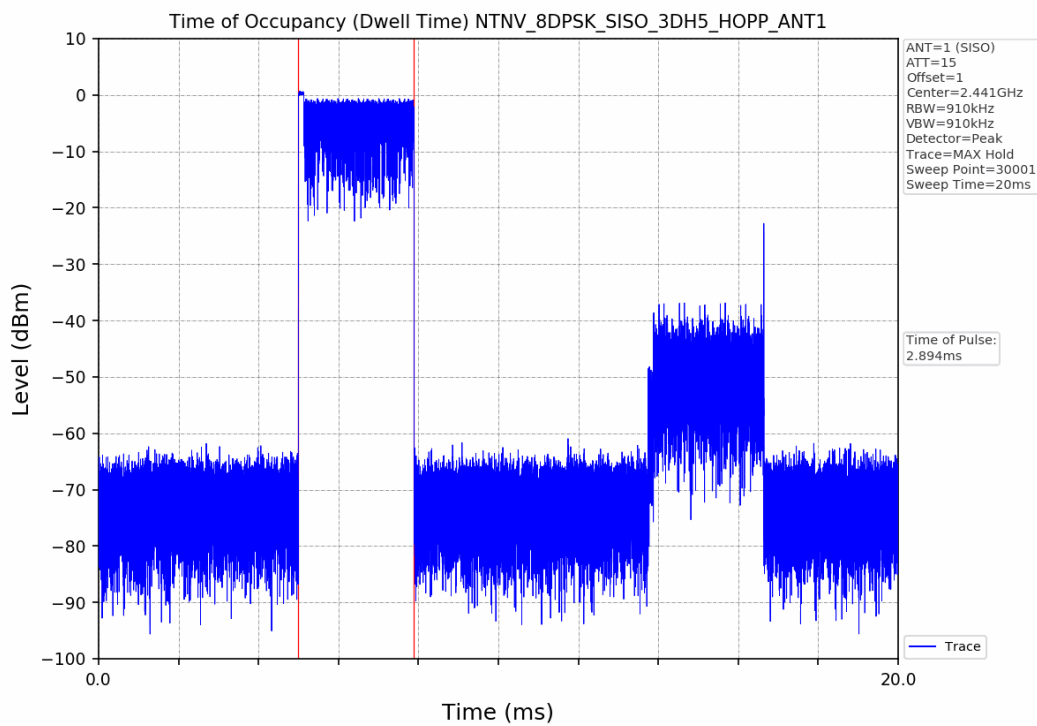
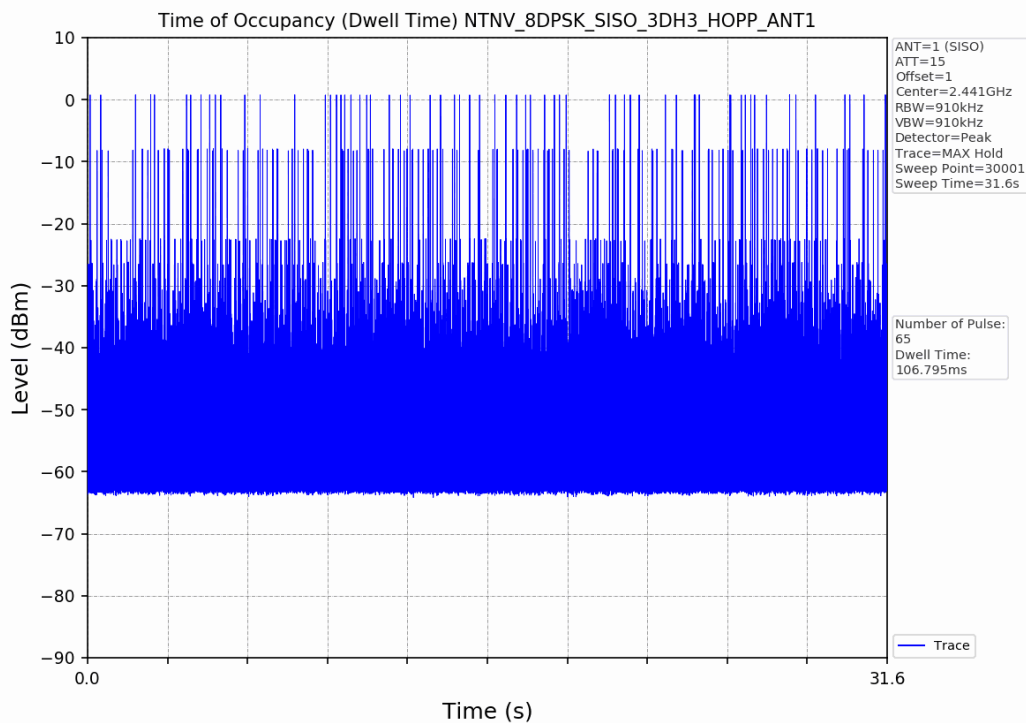


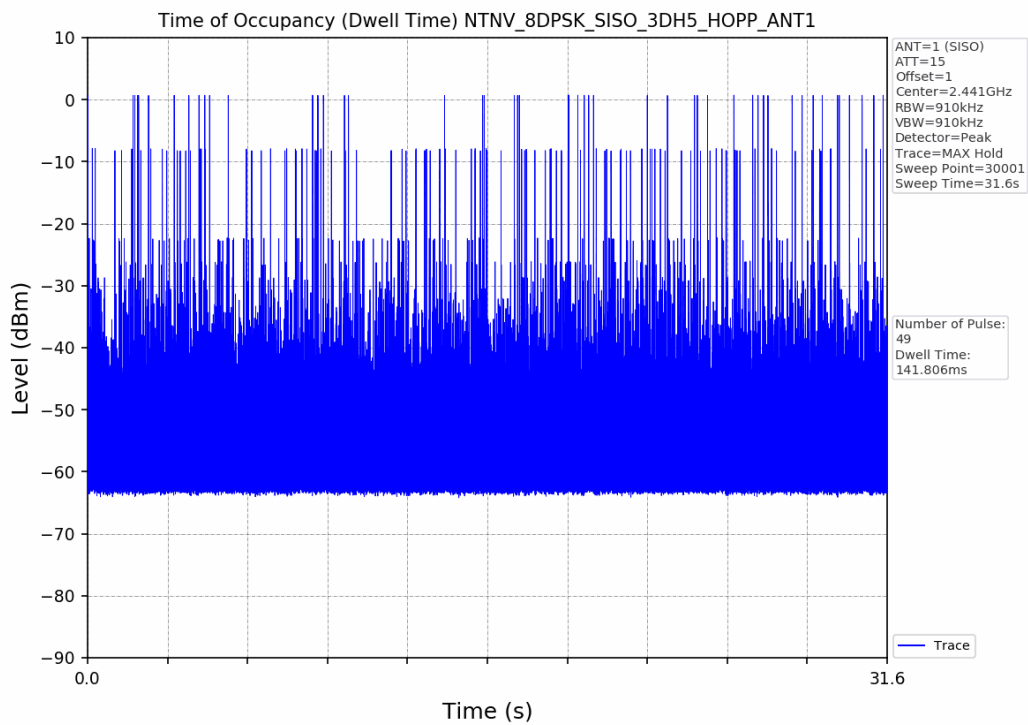












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-17.02	PASS
	2441	SISO	1	Refer to test graph	-17.02	PASS
	2480	SISO	1	Refer to test graph	-17.02	PASS
	Hopping	SISO	1	Refer to test graph	-17.02	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-17.09	PASS
	2441	SISO	1	Refer to test graph	-17.09	PASS
	2480	SISO	1	Refer to test graph	-17.09	PASS
	Hopping	SISO	1	Refer to test graph	-17.09	PASS
8DPSK	2402	SISO	1	Refer to test graph	-17.00	PASS
	2441	SISO	1	Refer to test graph	-17.00	PASS
	2480	SISO	1	Refer to test graph	-17.00	PASS
	Hopping	SISO	1	Refer to test graph	-17.00	PASS

6.2 Test Graph

