

Appendix for 15.247

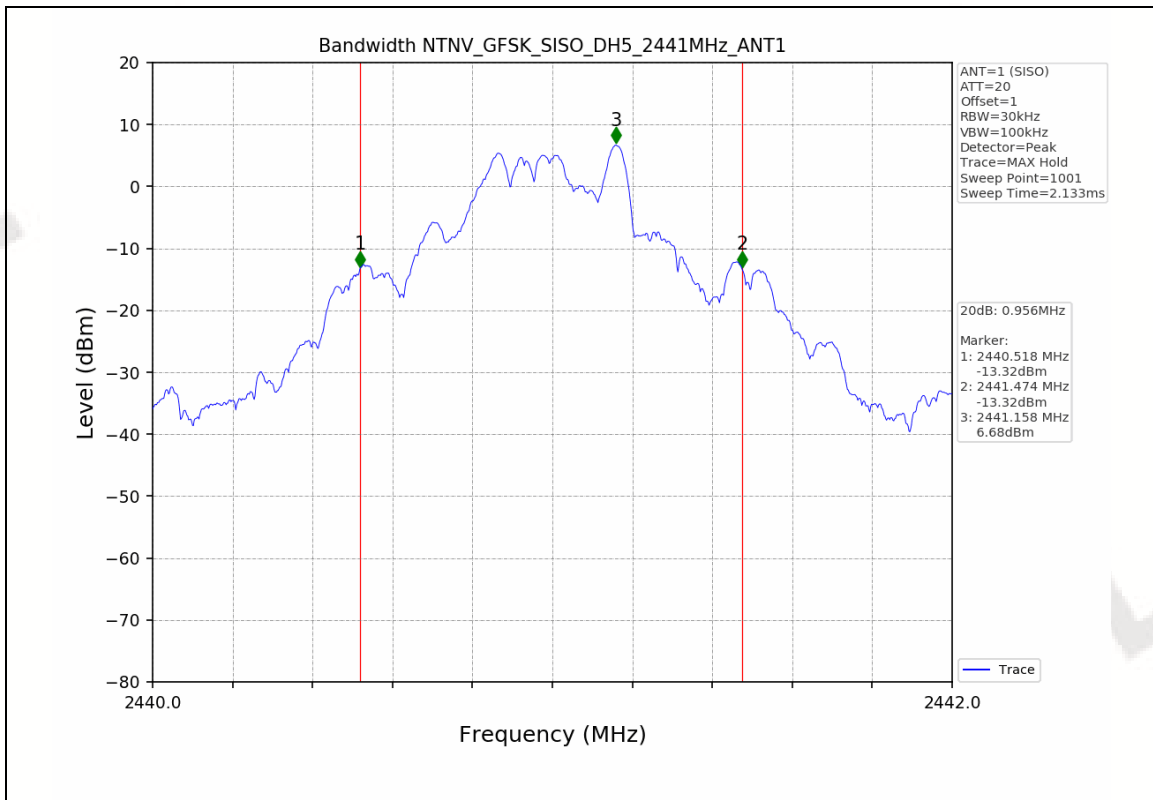
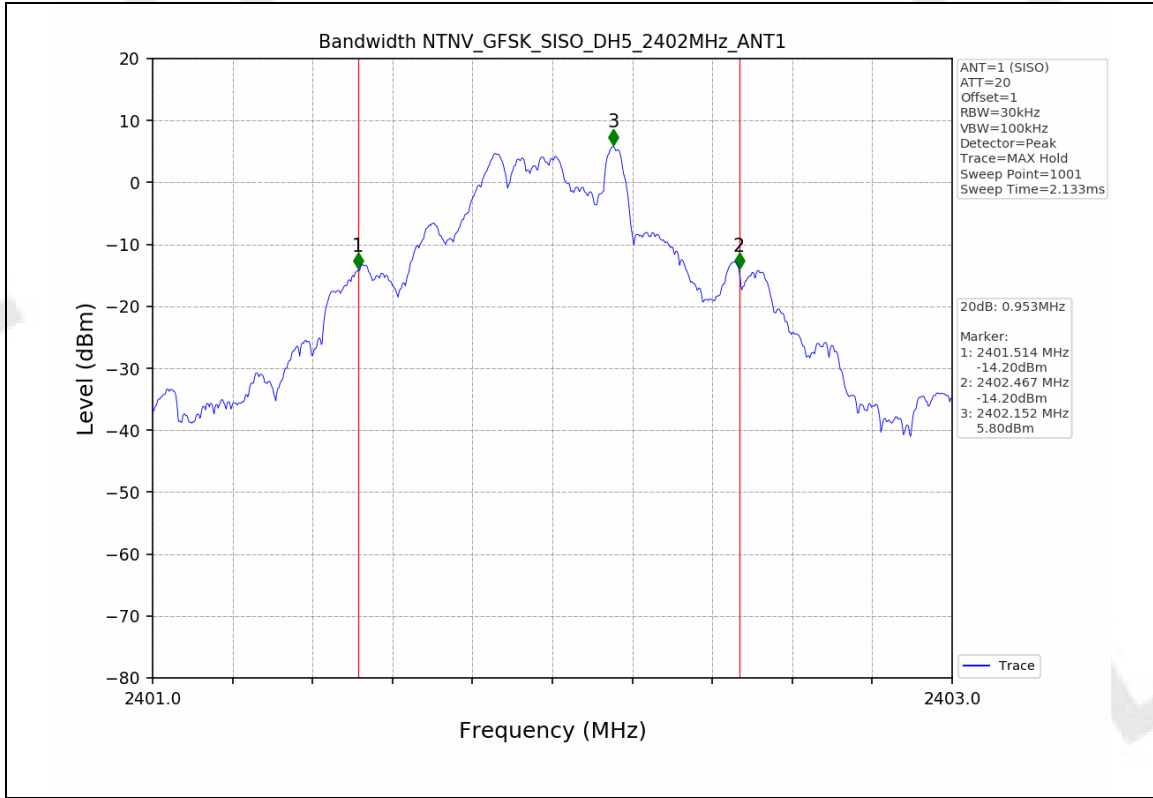
1. Bandwidth

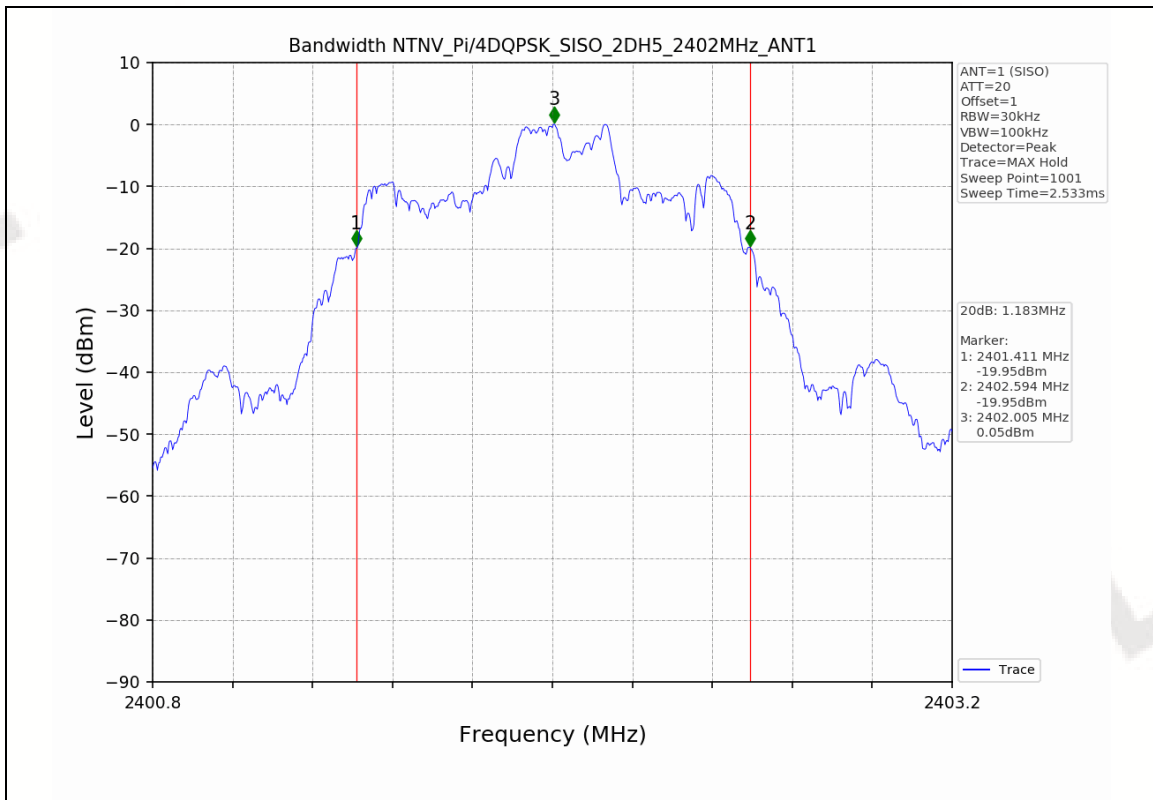
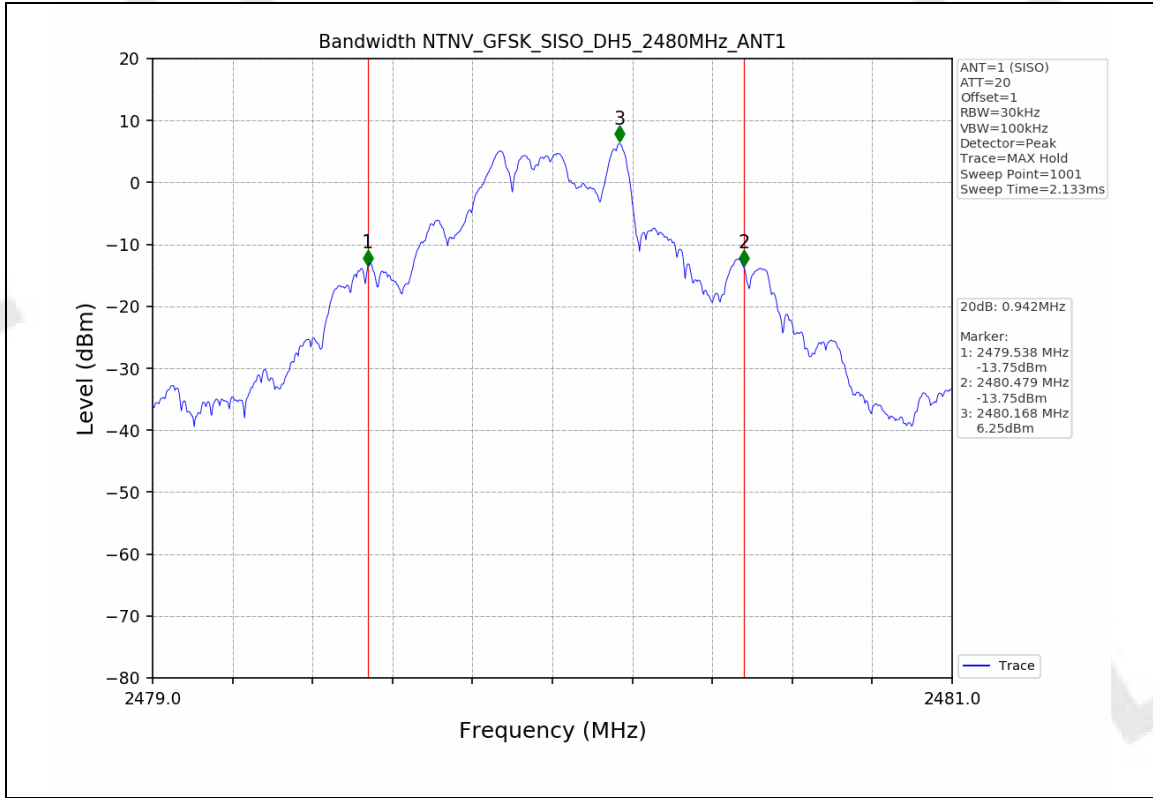
1.1 Test Result

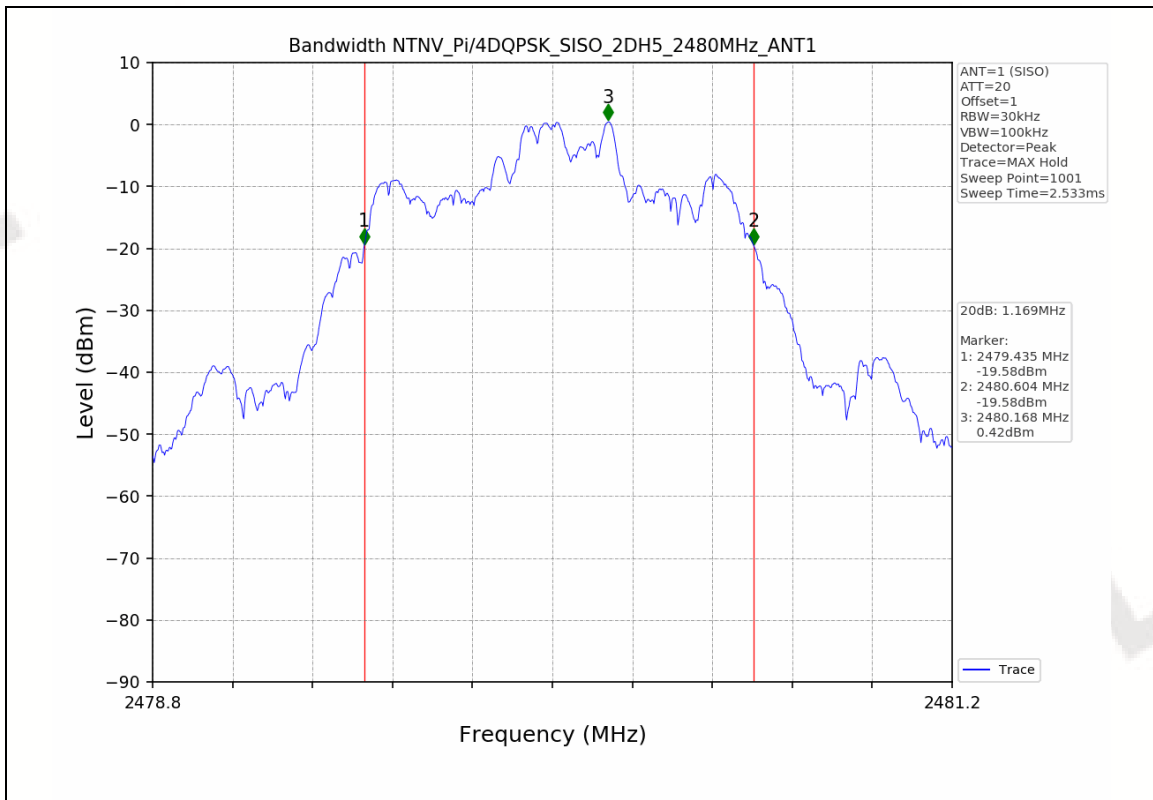
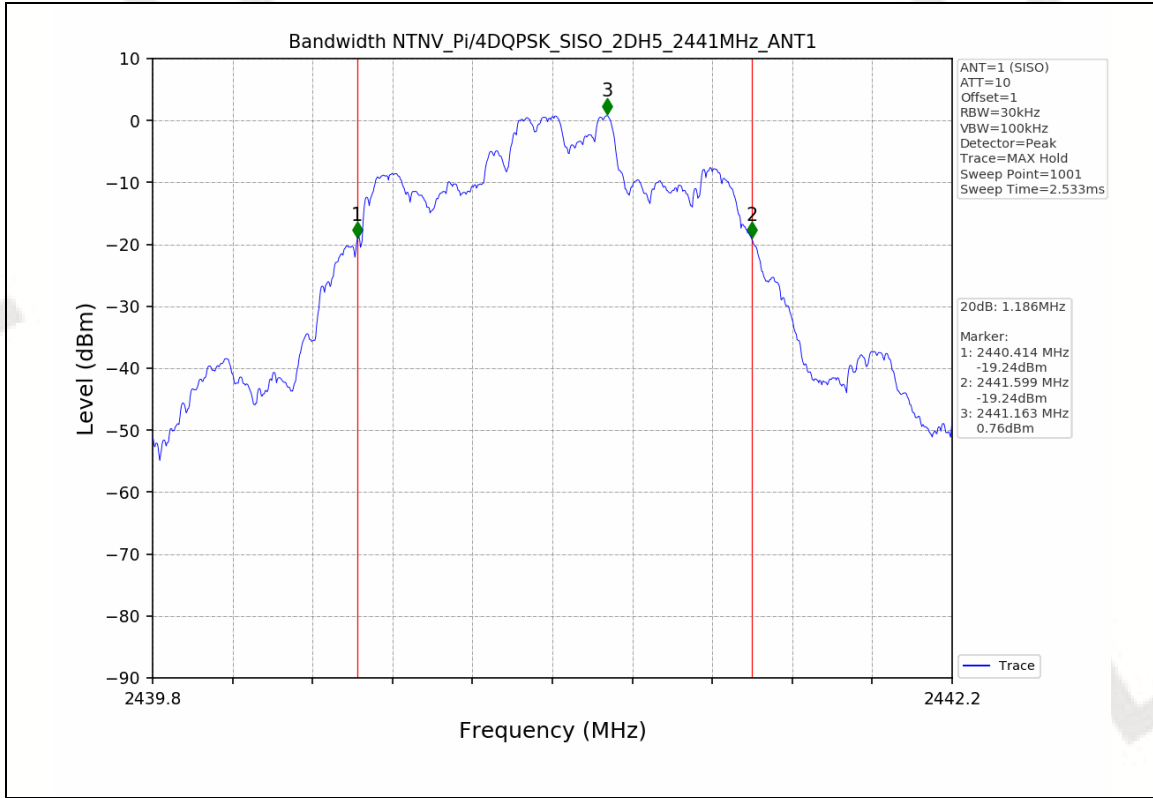
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.953	PASS
	2441	SISO	1	0.956	PASS
	2480	SISO	1	0.942	PASS
Pi/4DQPSK	2402	SISO	1	1.183	PASS
	2441	SISO	1	1.186	PASS
	2480	SISO	1	1.169	PASS
8DPSK	2402	SISO	1	1.145	PASS
	2441	SISO	1	1.159	PASS
	2480	SISO	1	1.138	PASS

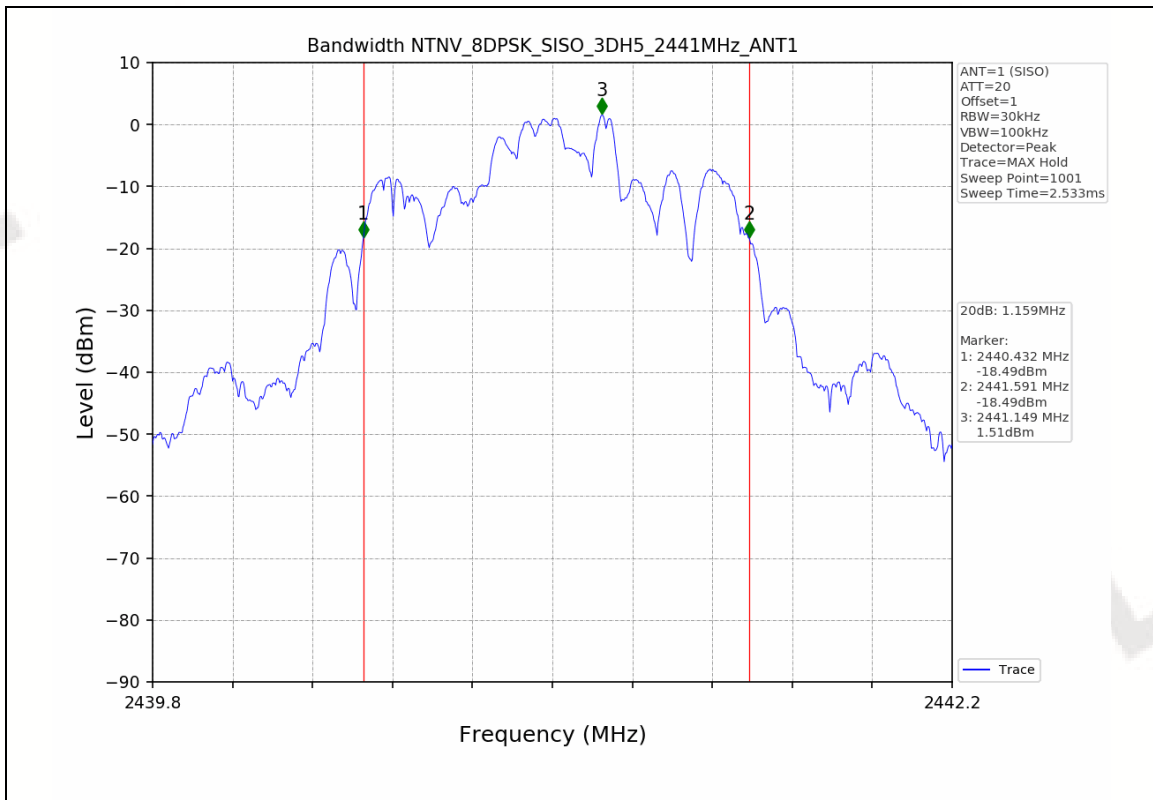
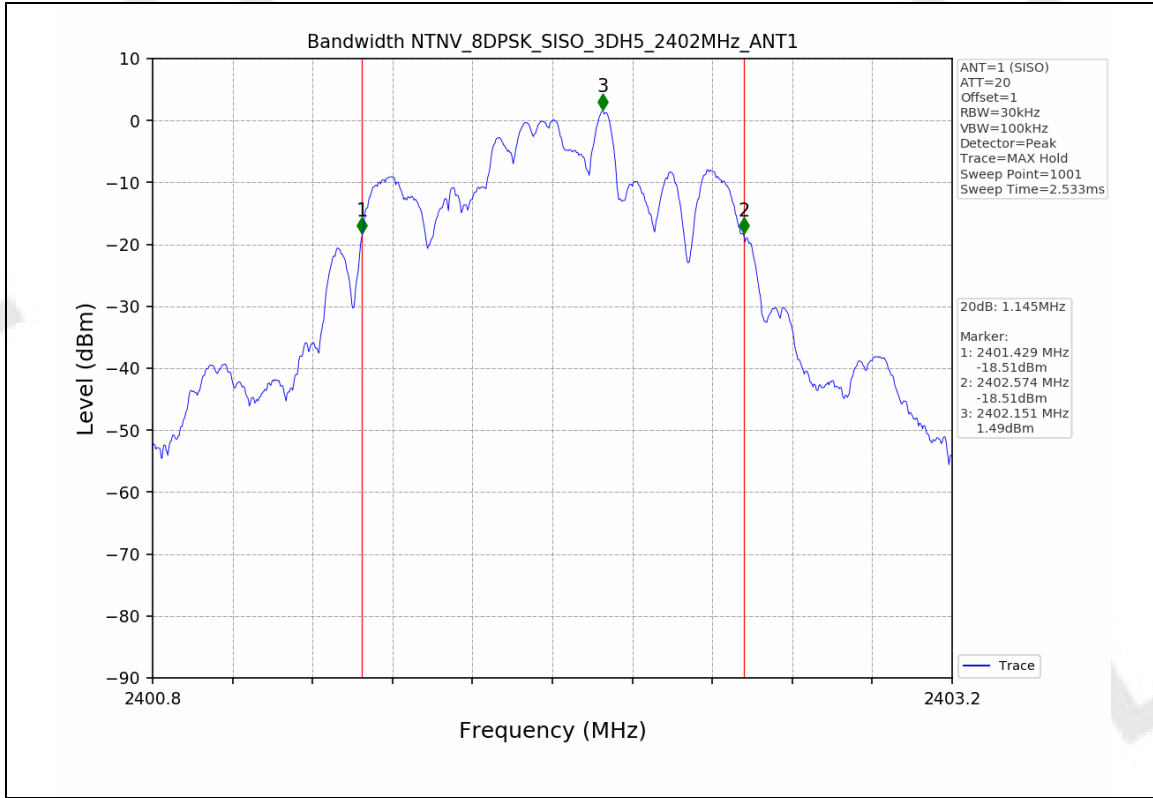
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.887	Only for Report Use
	2441	SISO	1	0.911	Only for Report Use
	2480	SISO	1	0.909	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.098	Only for Report Use
	2441	SISO	1	1.095	Only for Report Use
	2480	SISO	1	1.098	Only for Report Use
8DPSK	2402	SISO	1	1.087	Only for Report Use
	2441	SISO	1	1.084	Only for Report Use
	2480	SISO	1	1.084	Only for Report Use

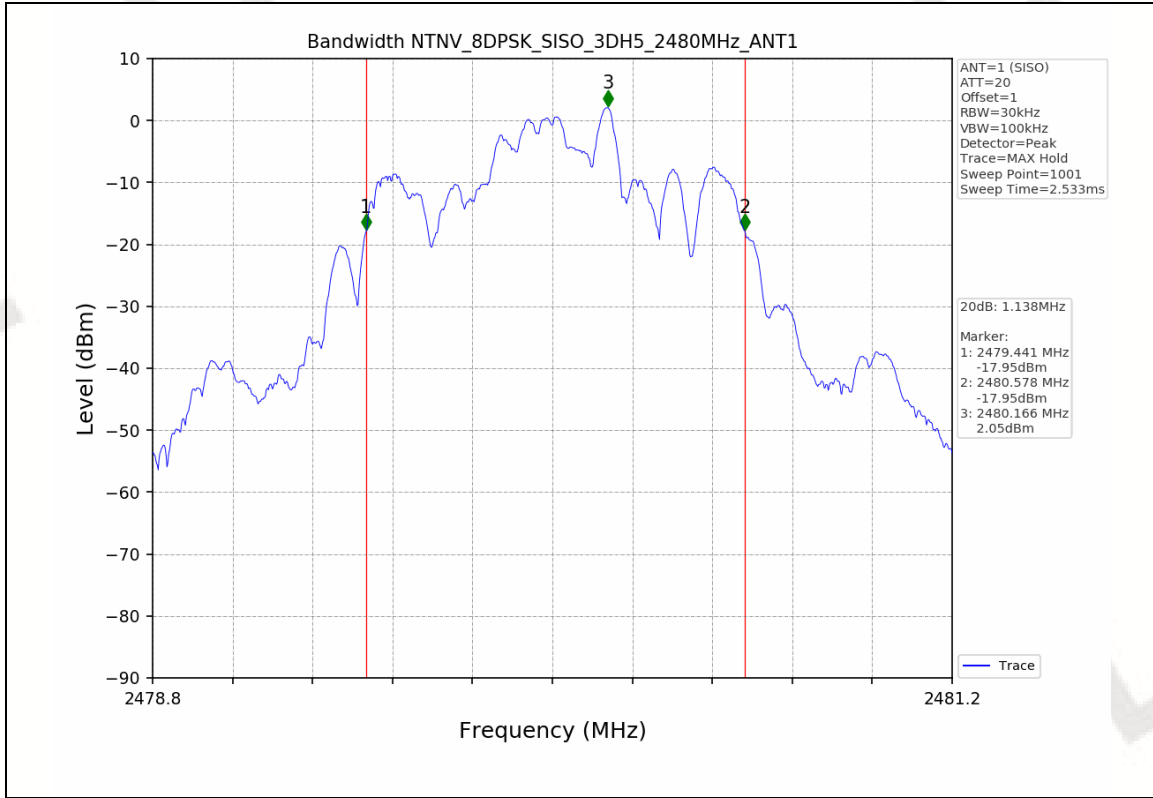
1.2 Test Graph - 20dB Bandwidth



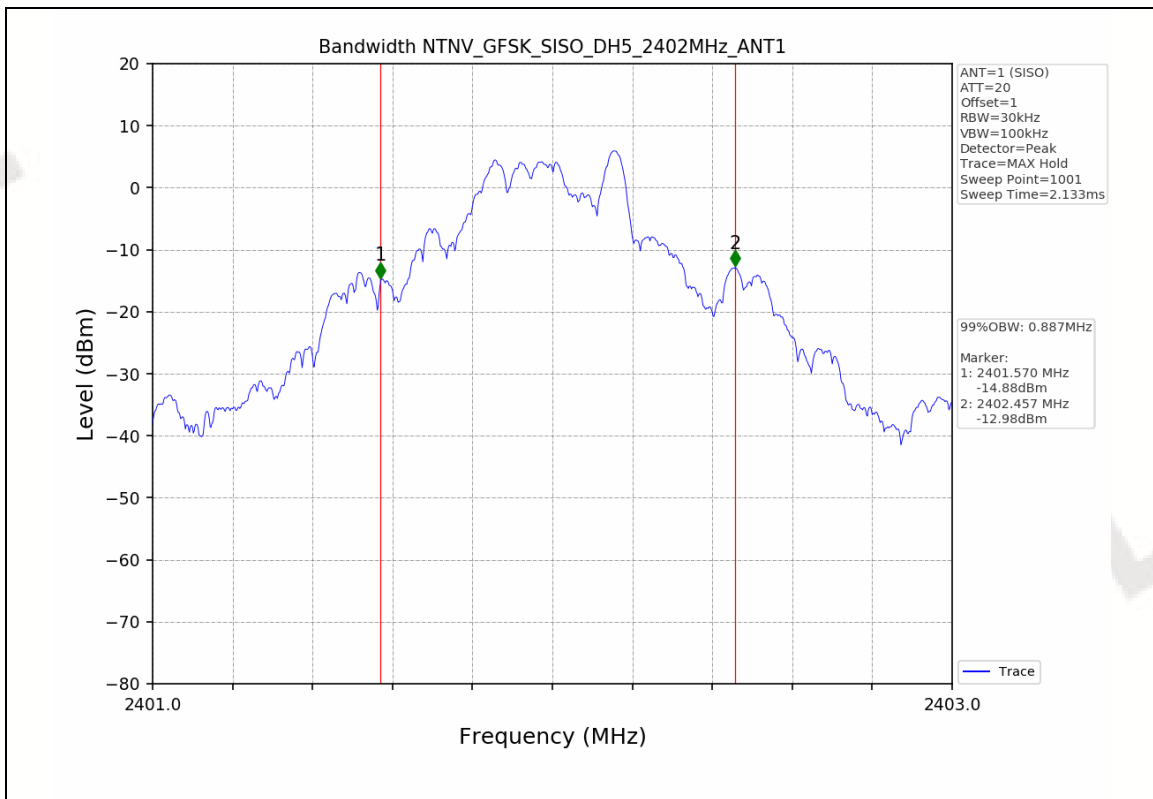


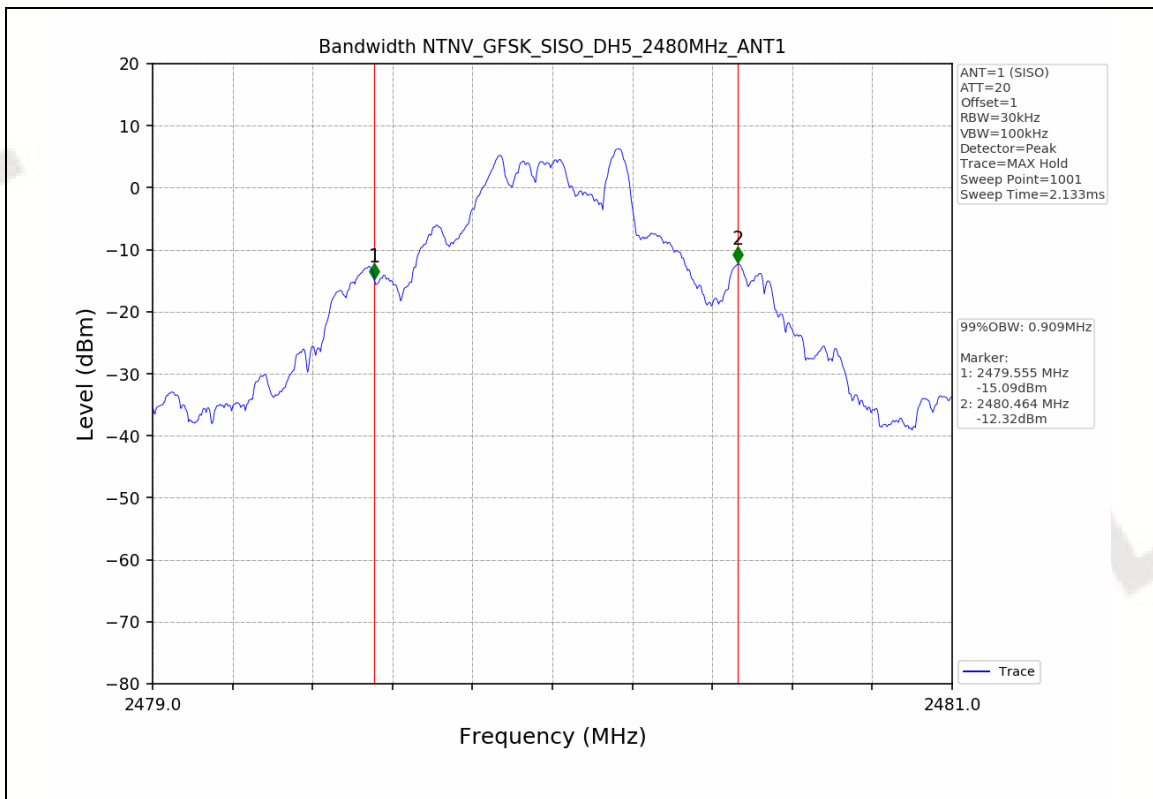
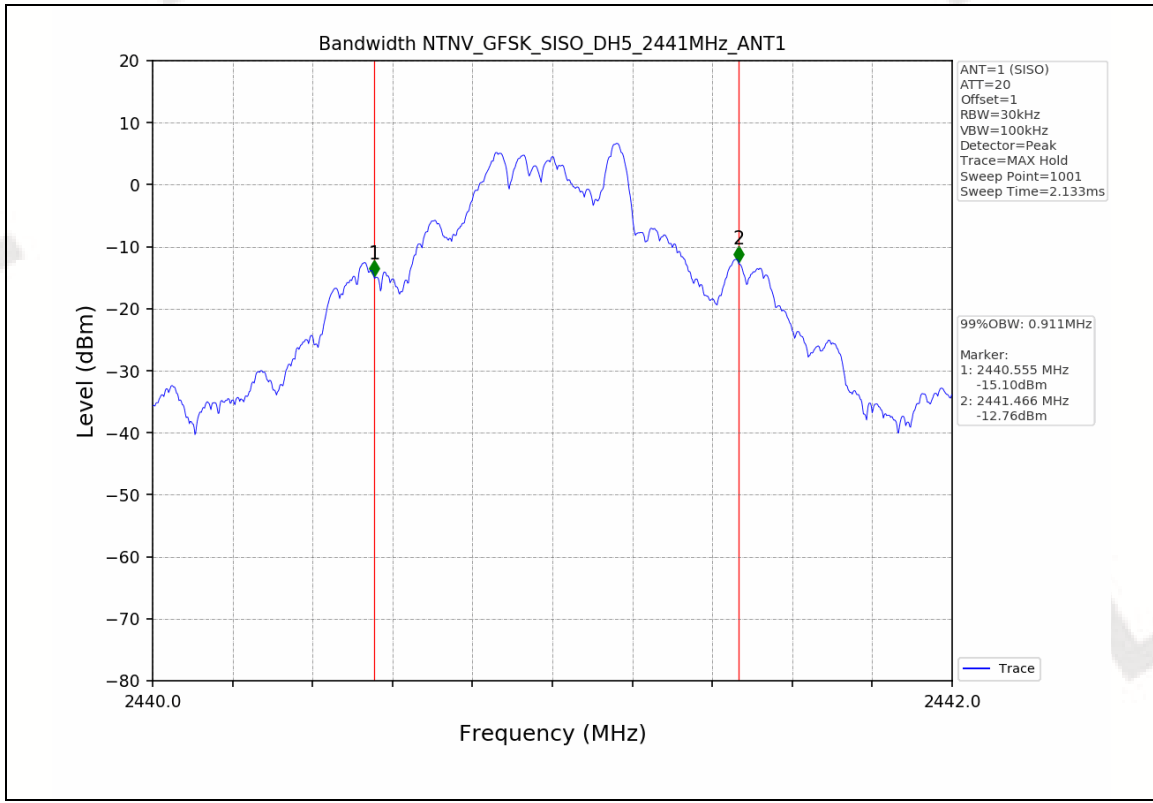


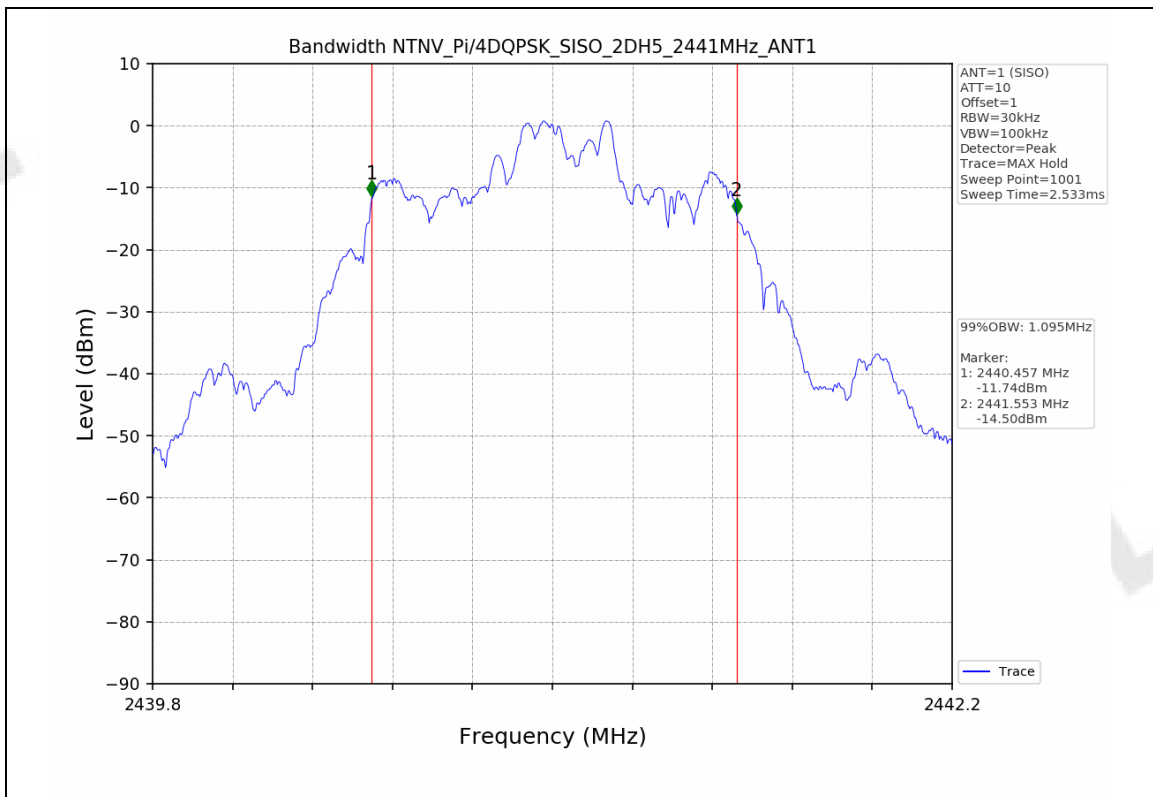
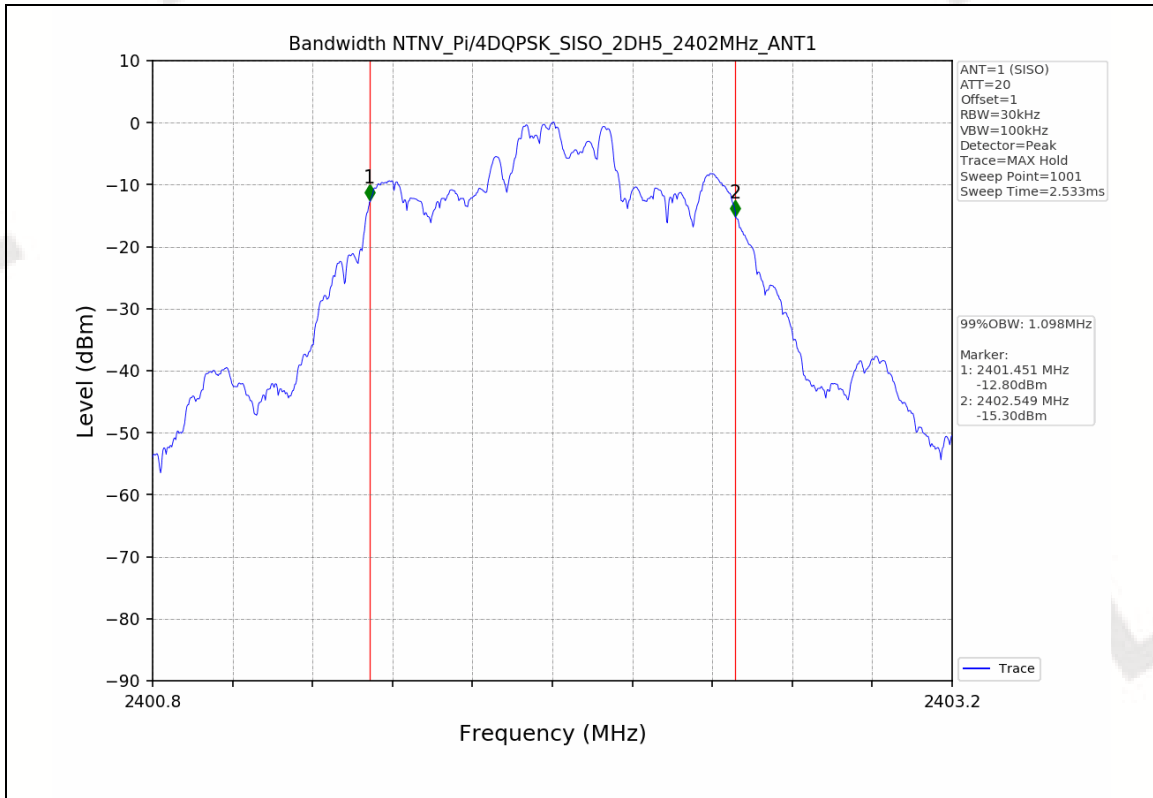


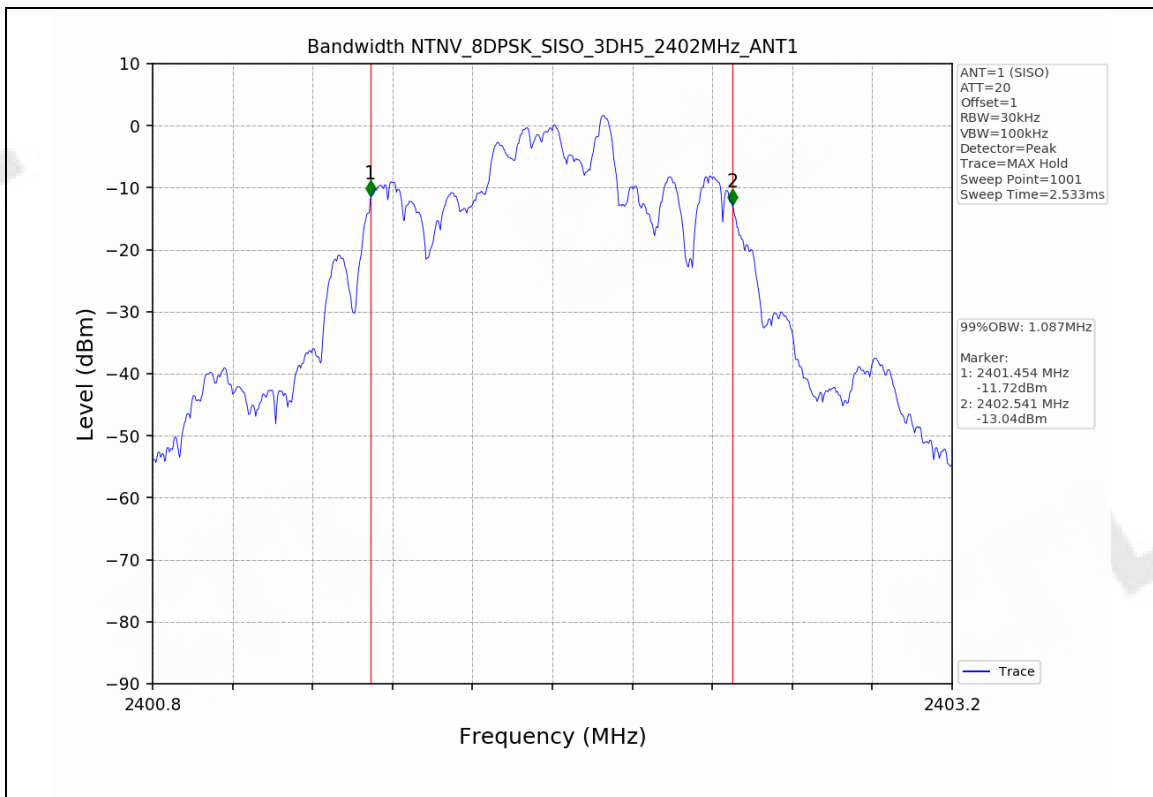
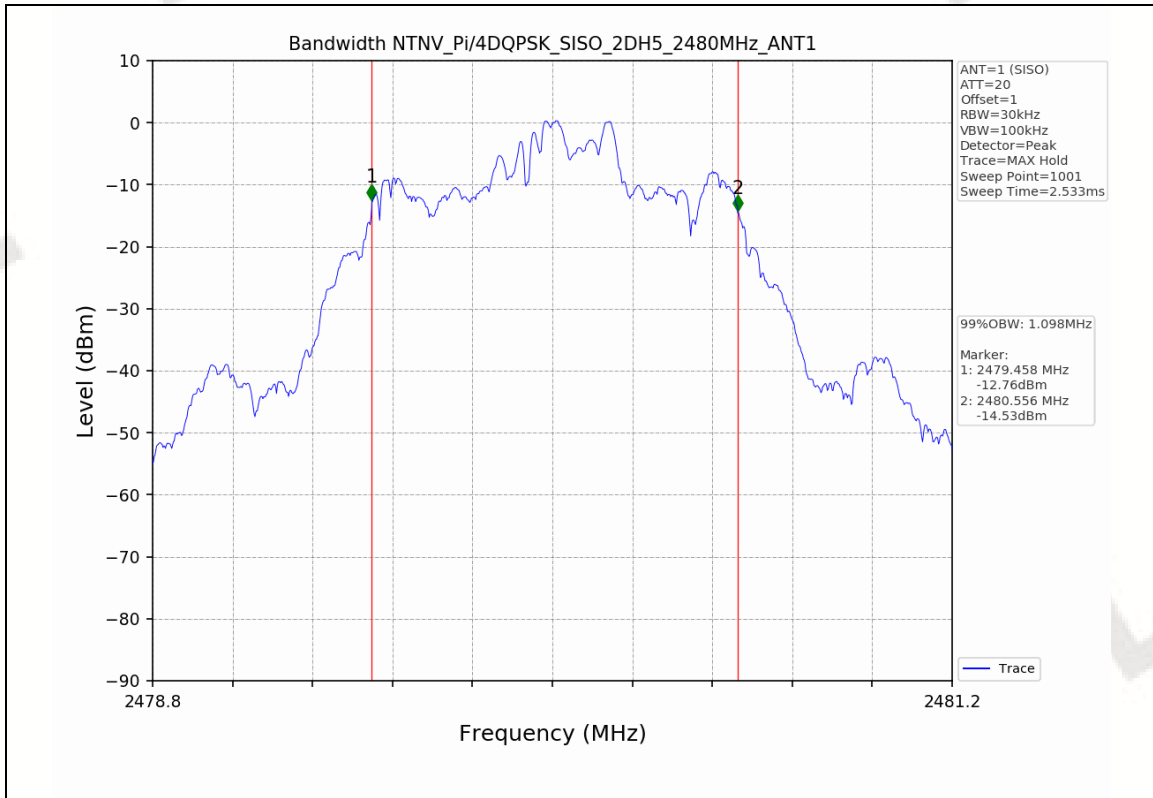


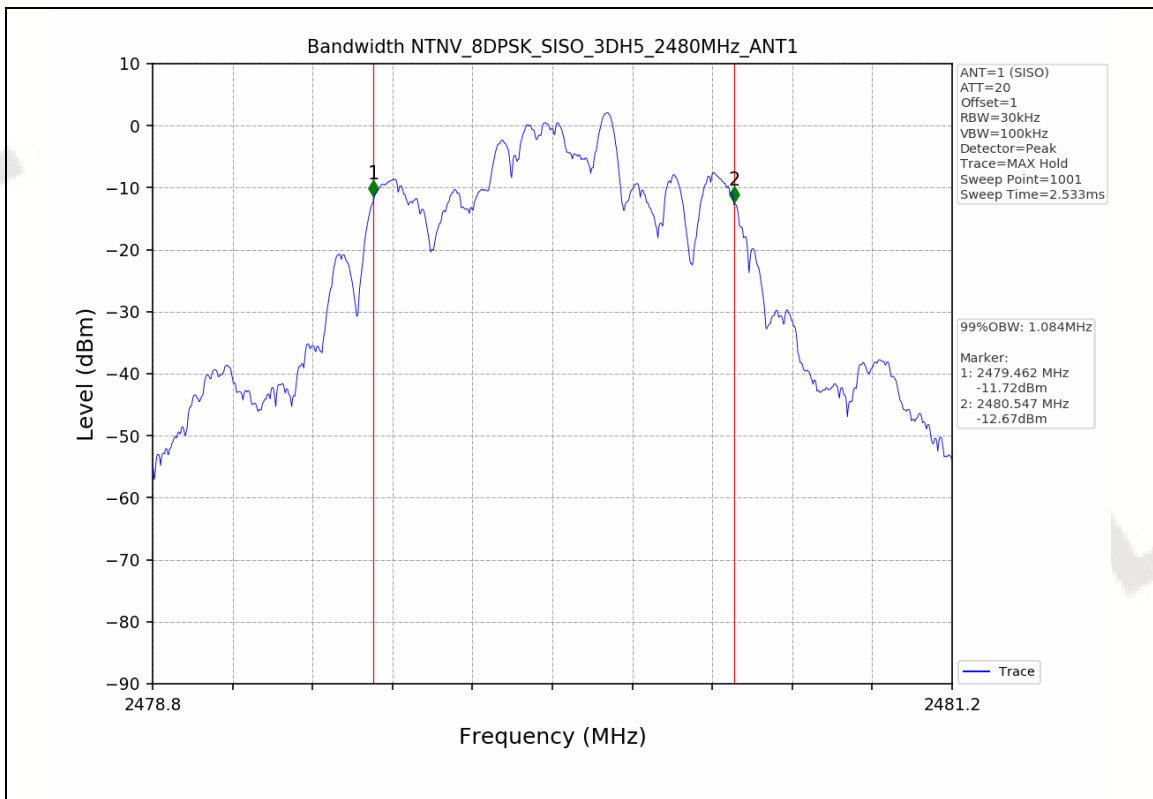
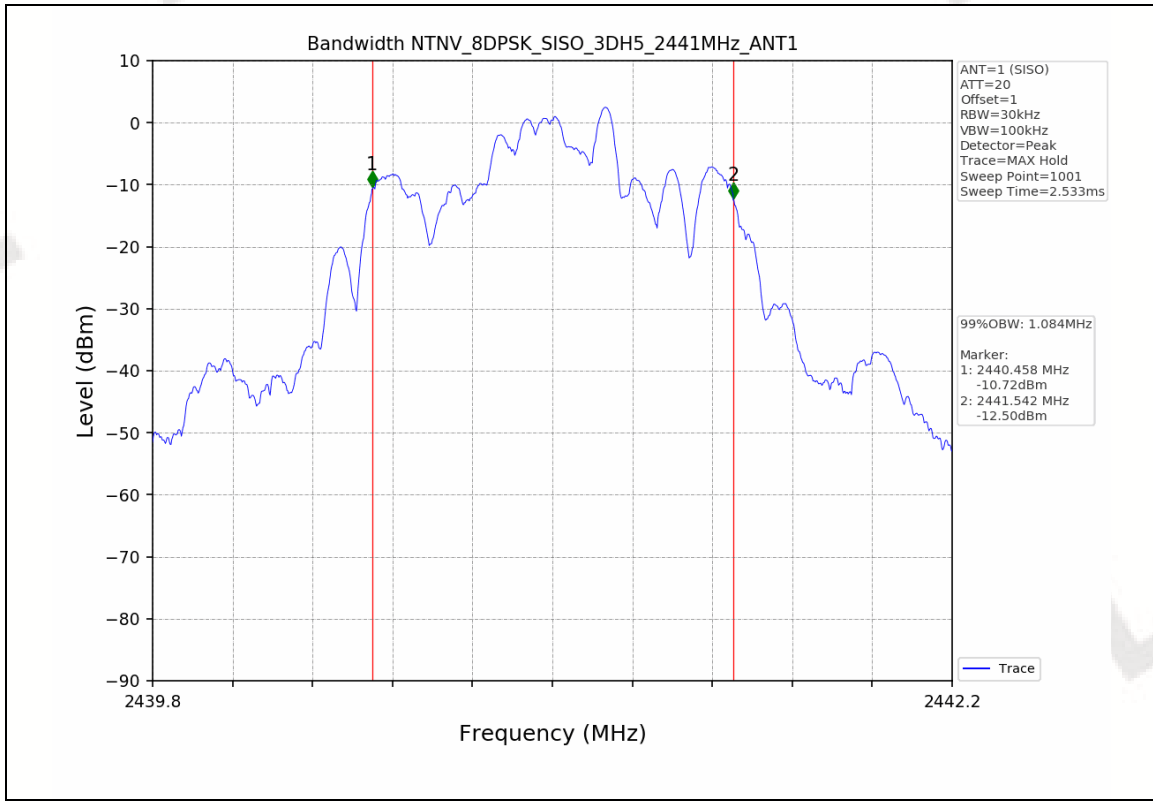
1.3 Test Graph - 99% Occupied Bandwidth









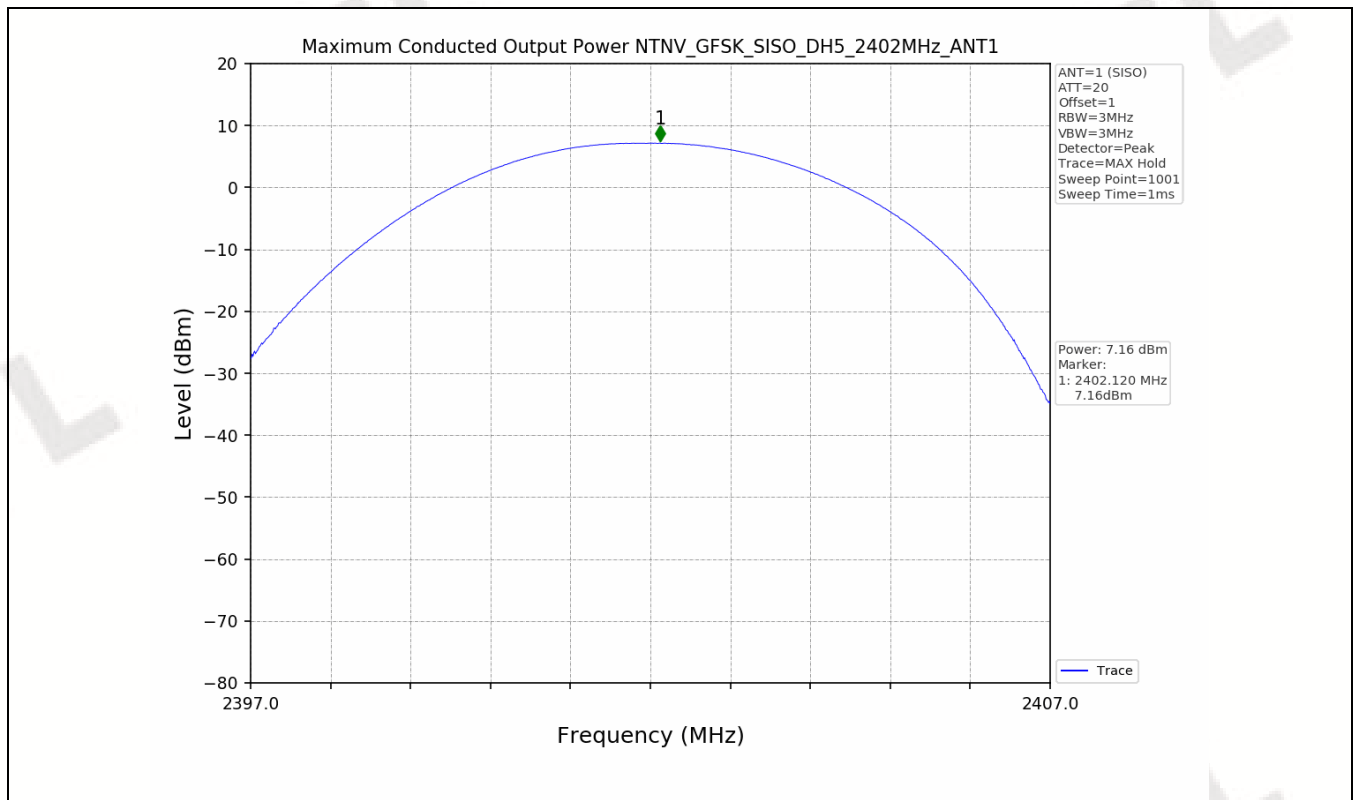


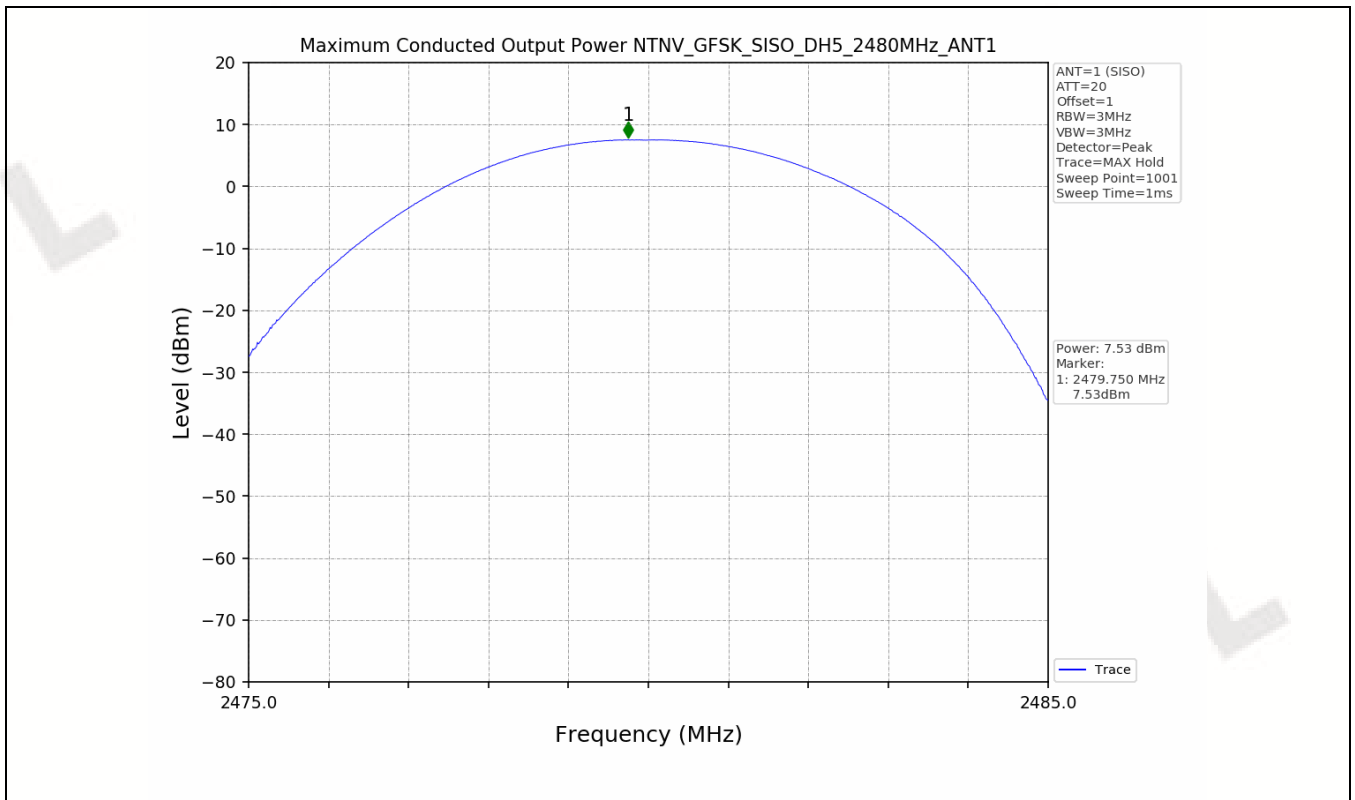
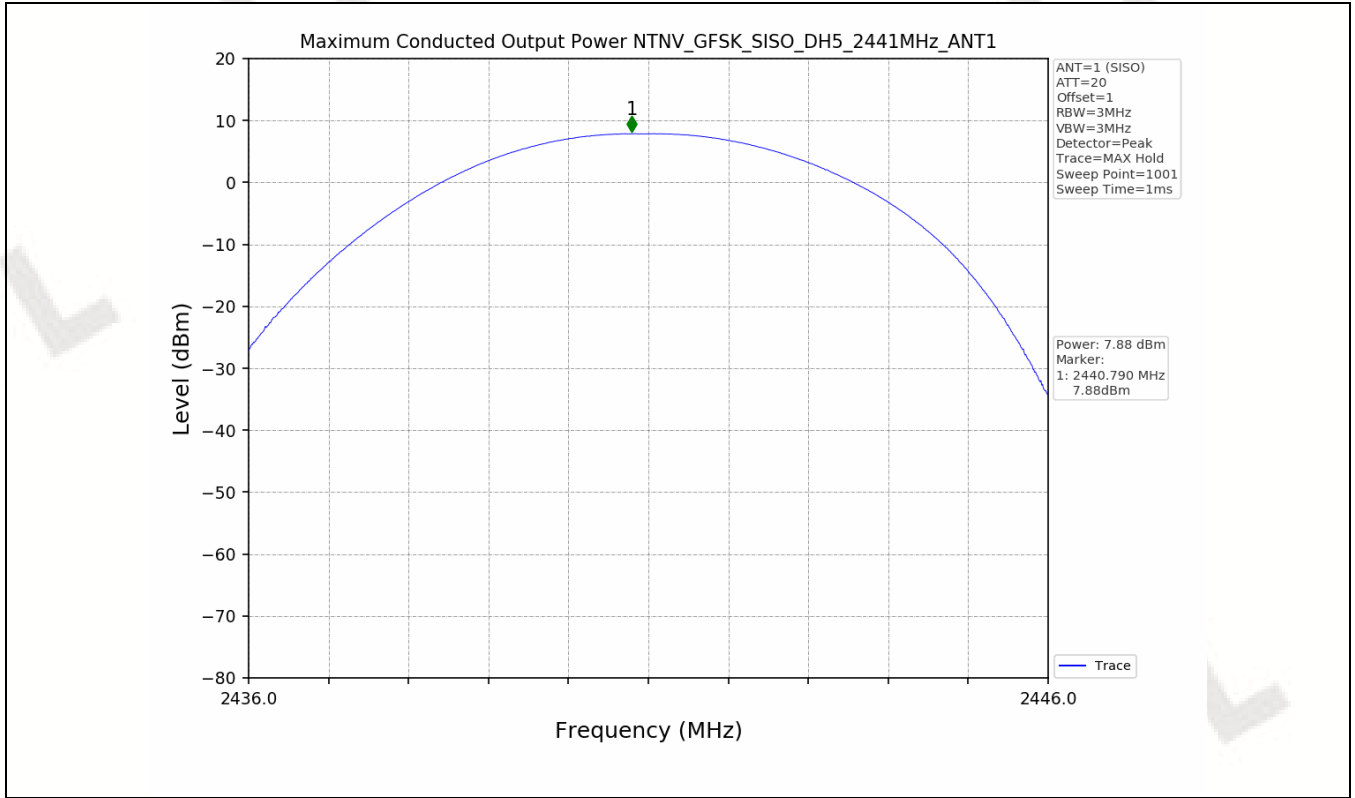
2. Maximum Conducted Output Power

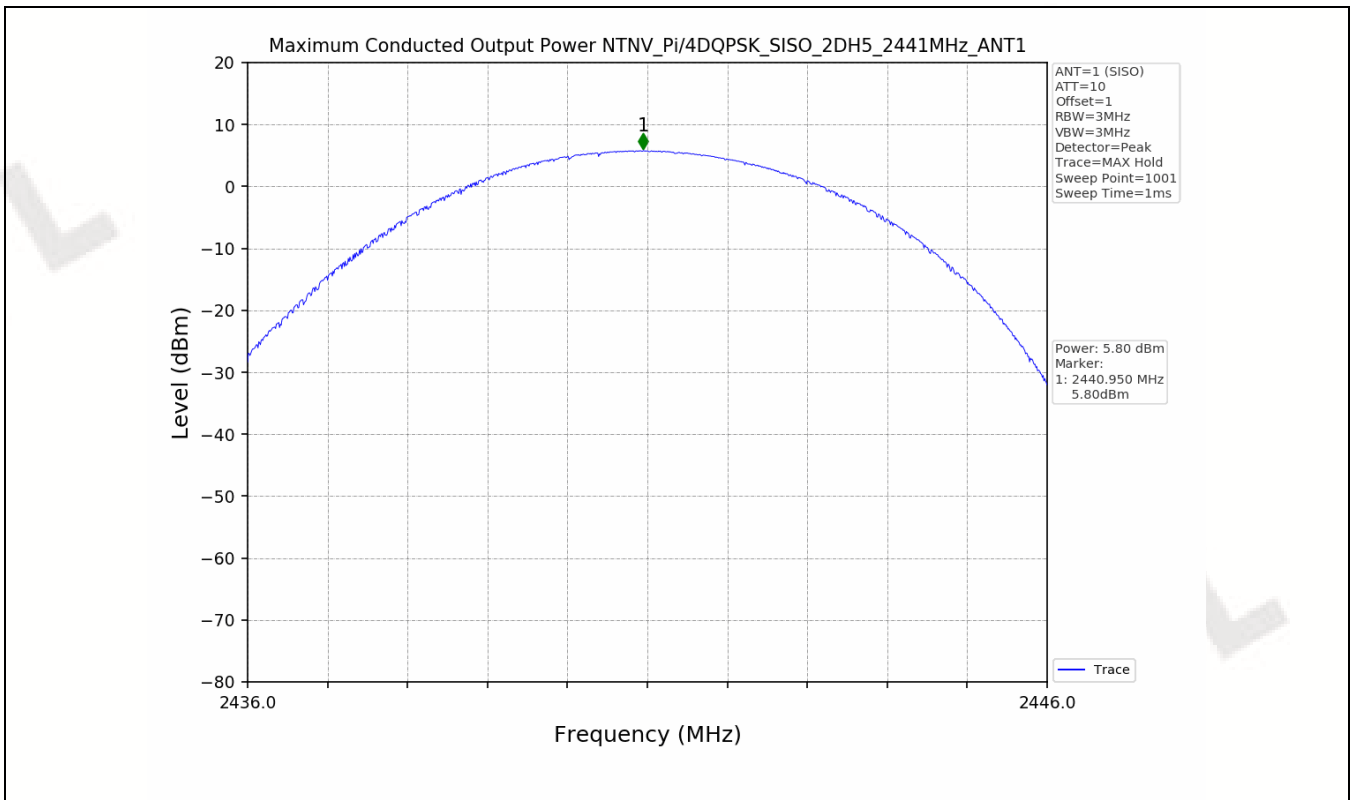
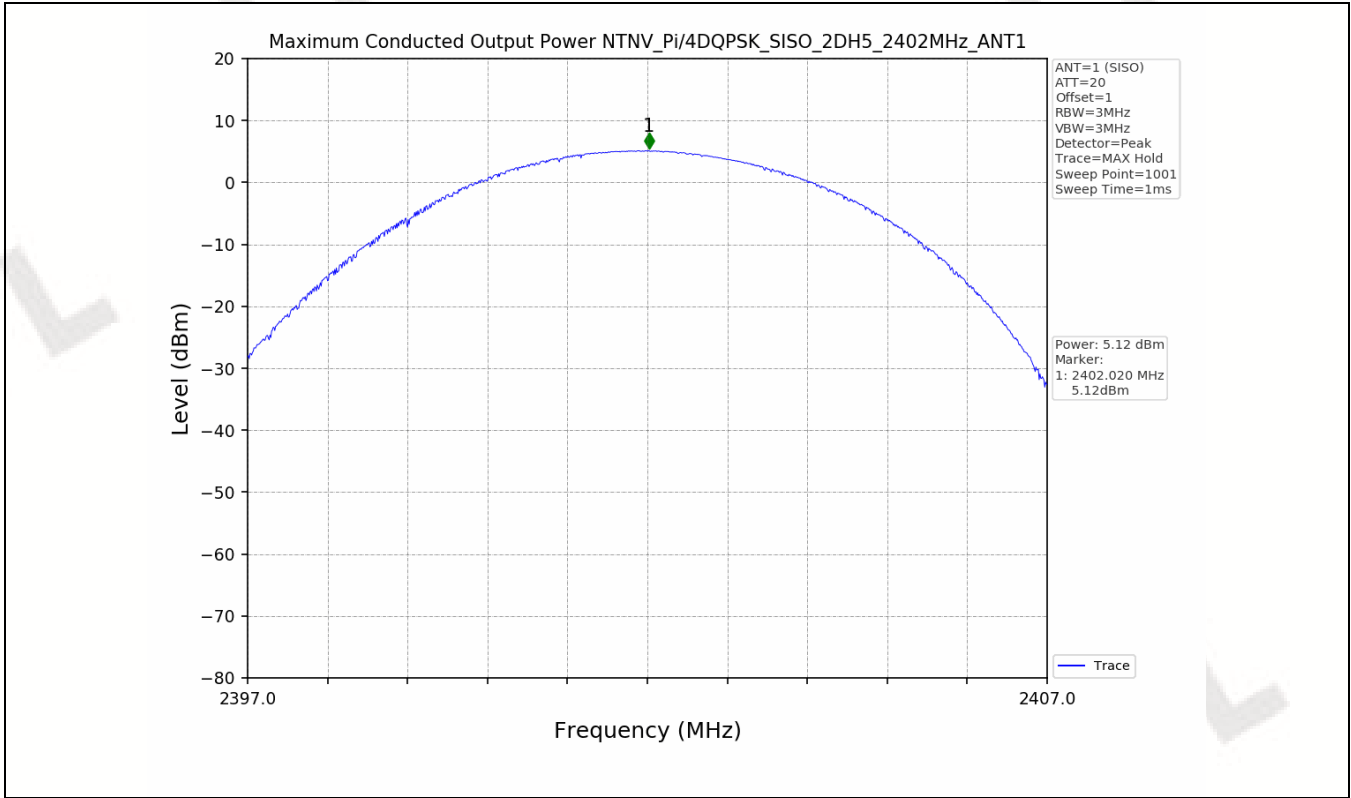
2.1 Test Result

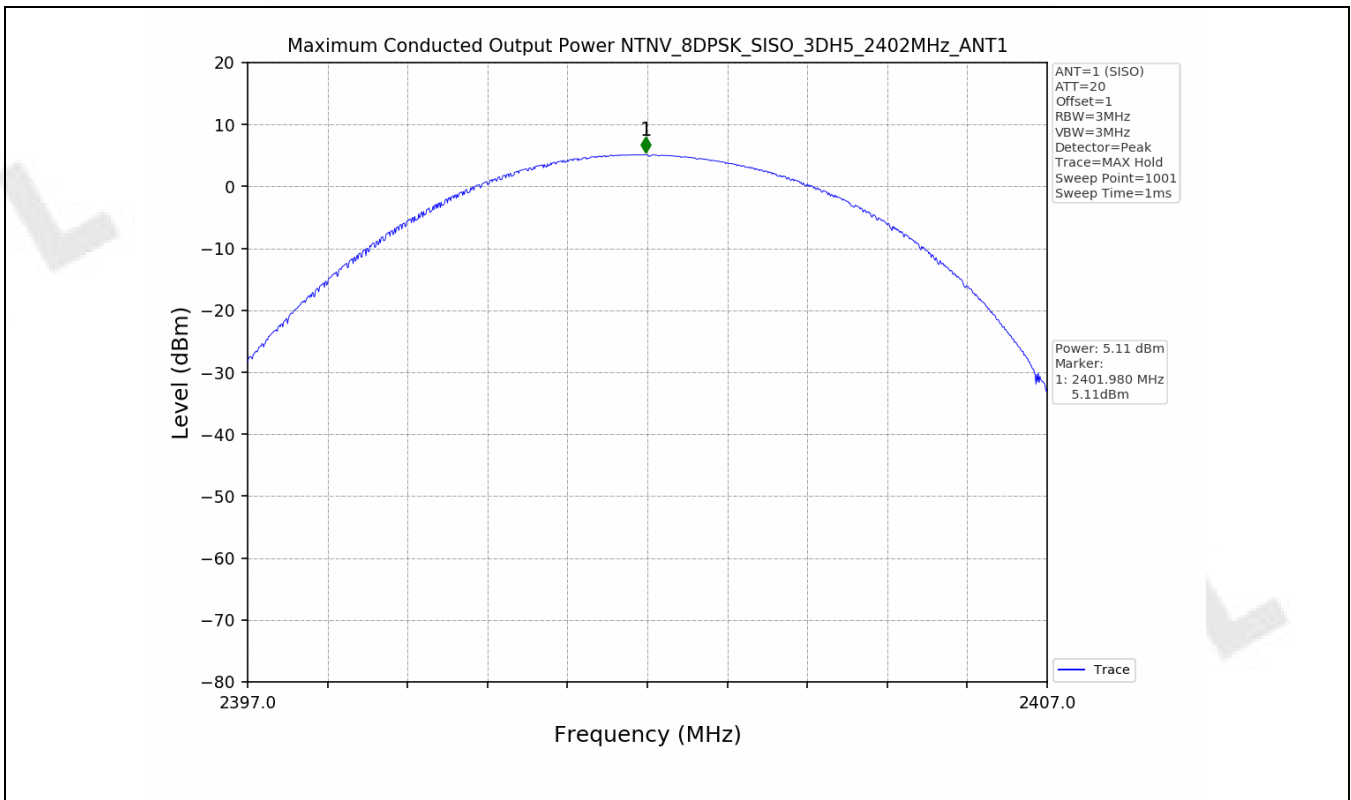
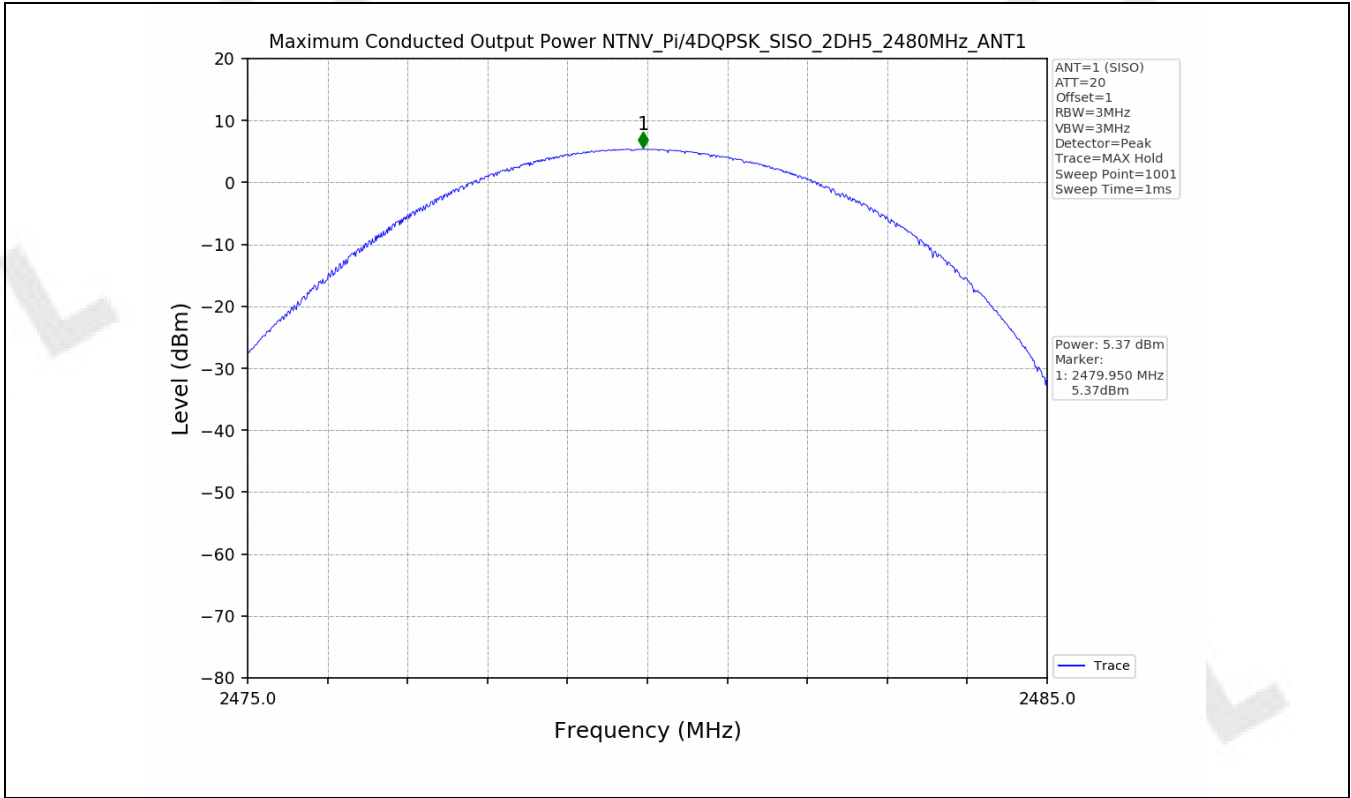
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	7.16	30	PASS
	2441	SISO	7.88	30	PASS
	2480	SISO	7.53	30	PASS
Pi/4DQPSK	2402	SISO	5.12	20.97	PASS
	2441	SISO	5.80	20.97	PASS
	2480	SISO	5.37	20.97	PASS
8DPSK	2402	SISO	5.11	20.97	PASS
	2441	SISO	5.89	20.97	PASS
	2480	SISO	5.56	20.97	PASS

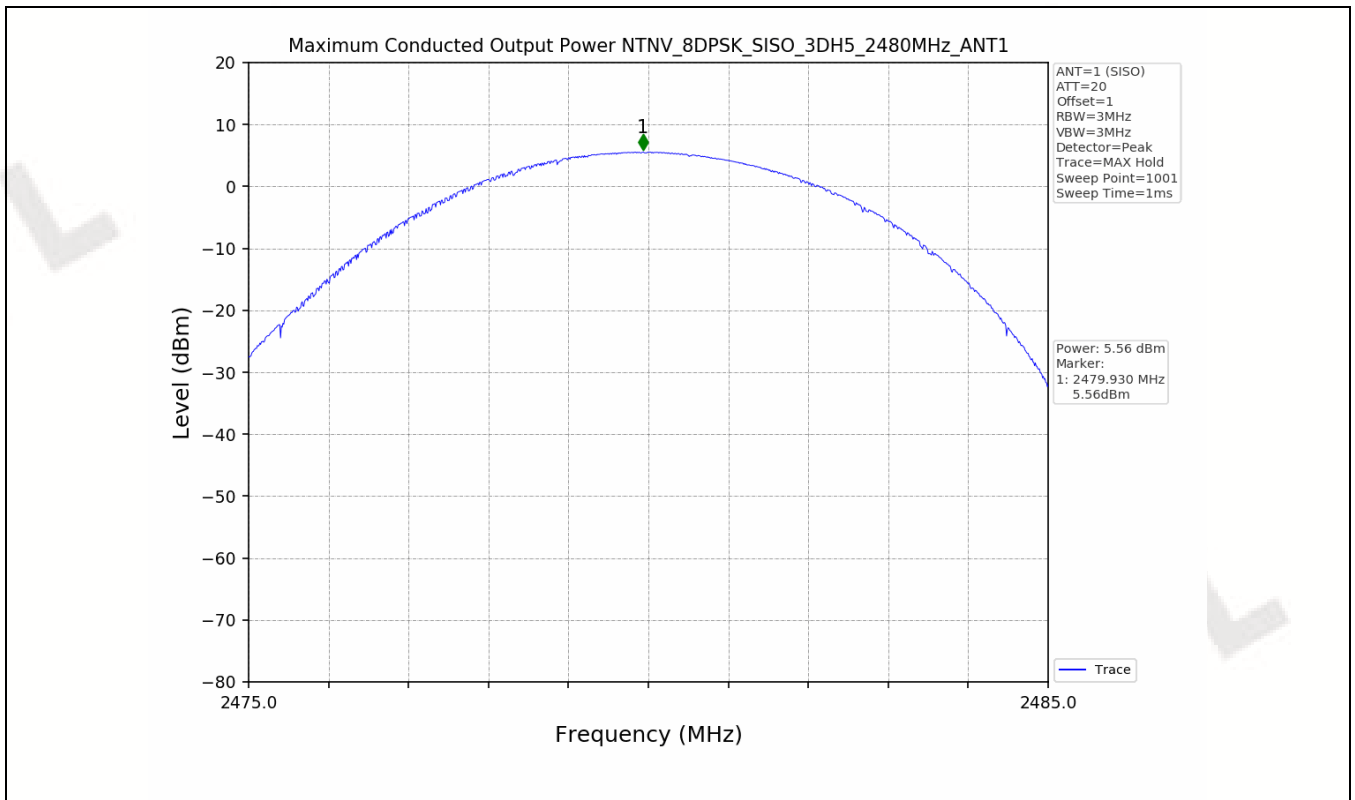
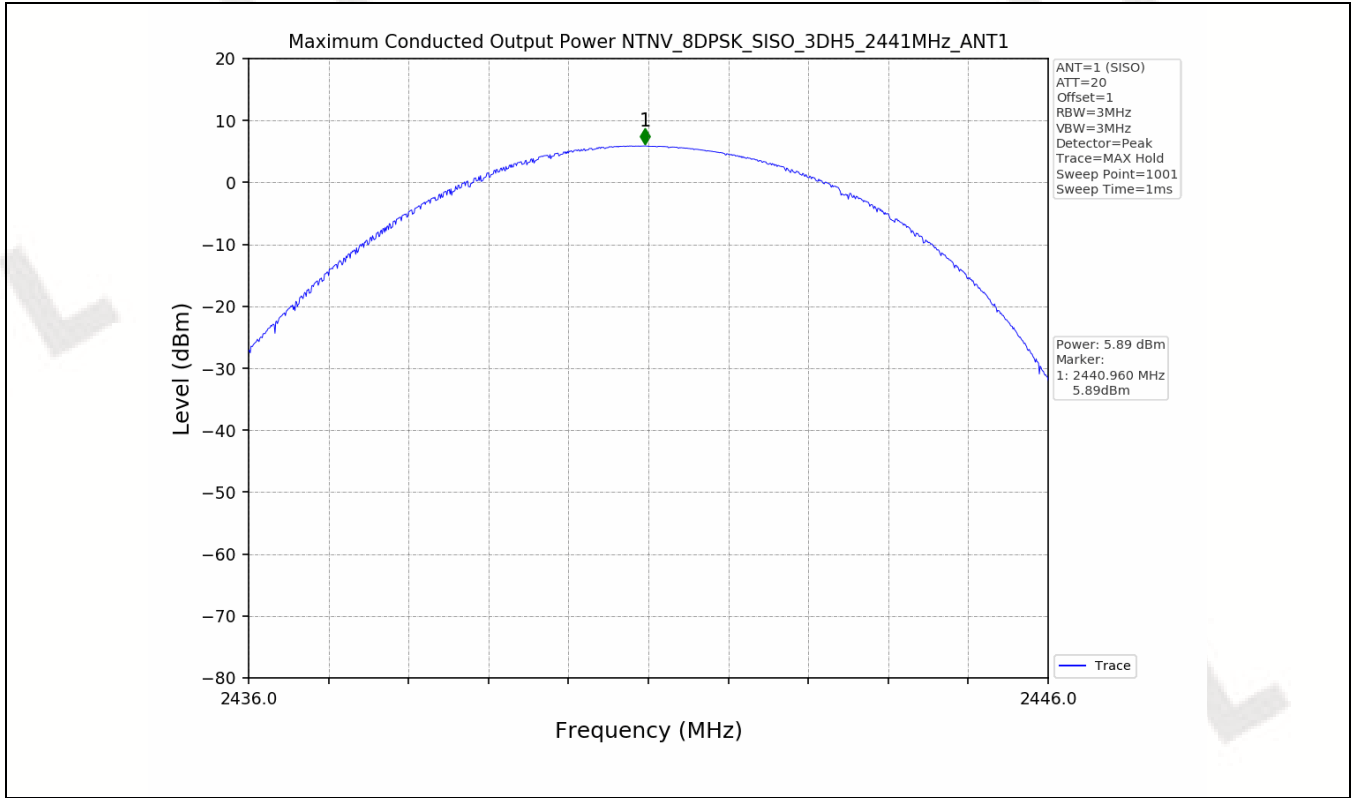
2.2 Test Graph









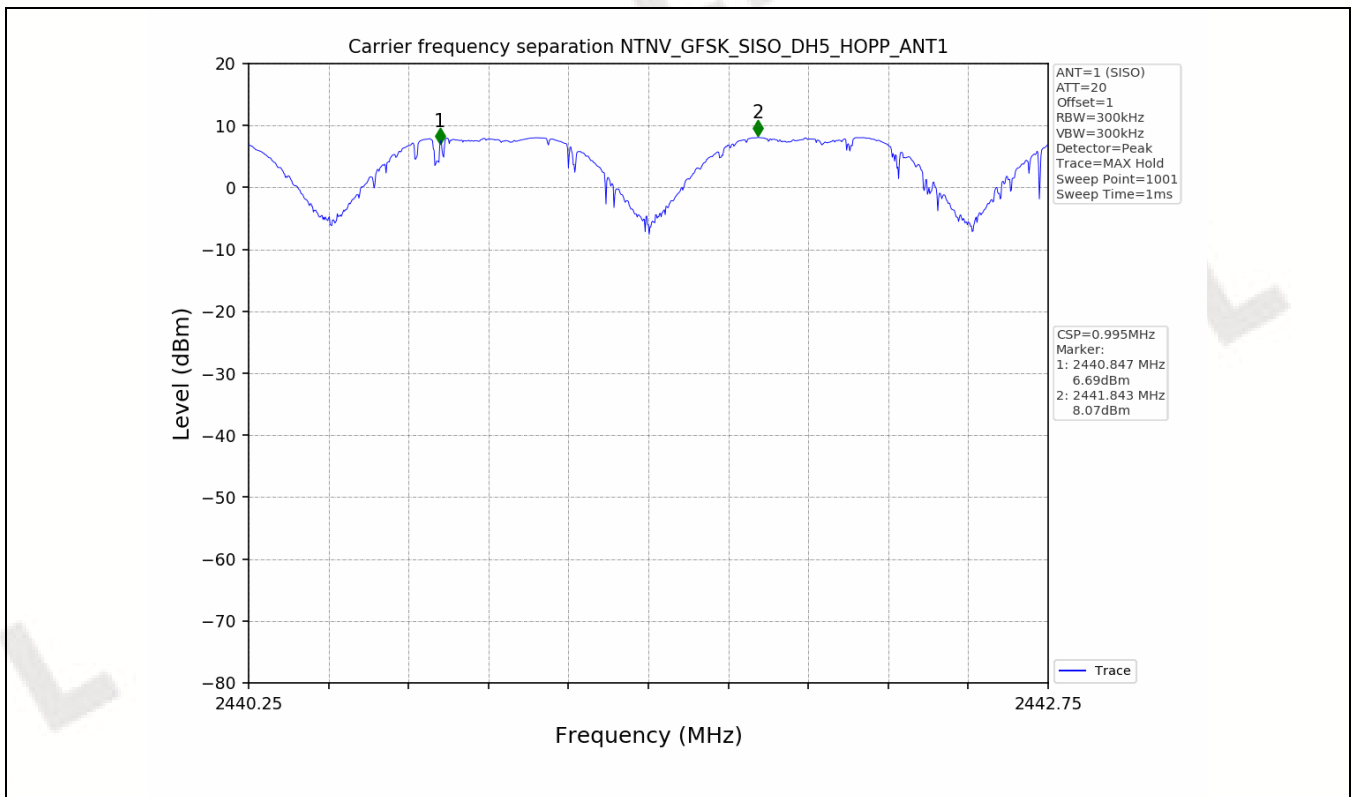


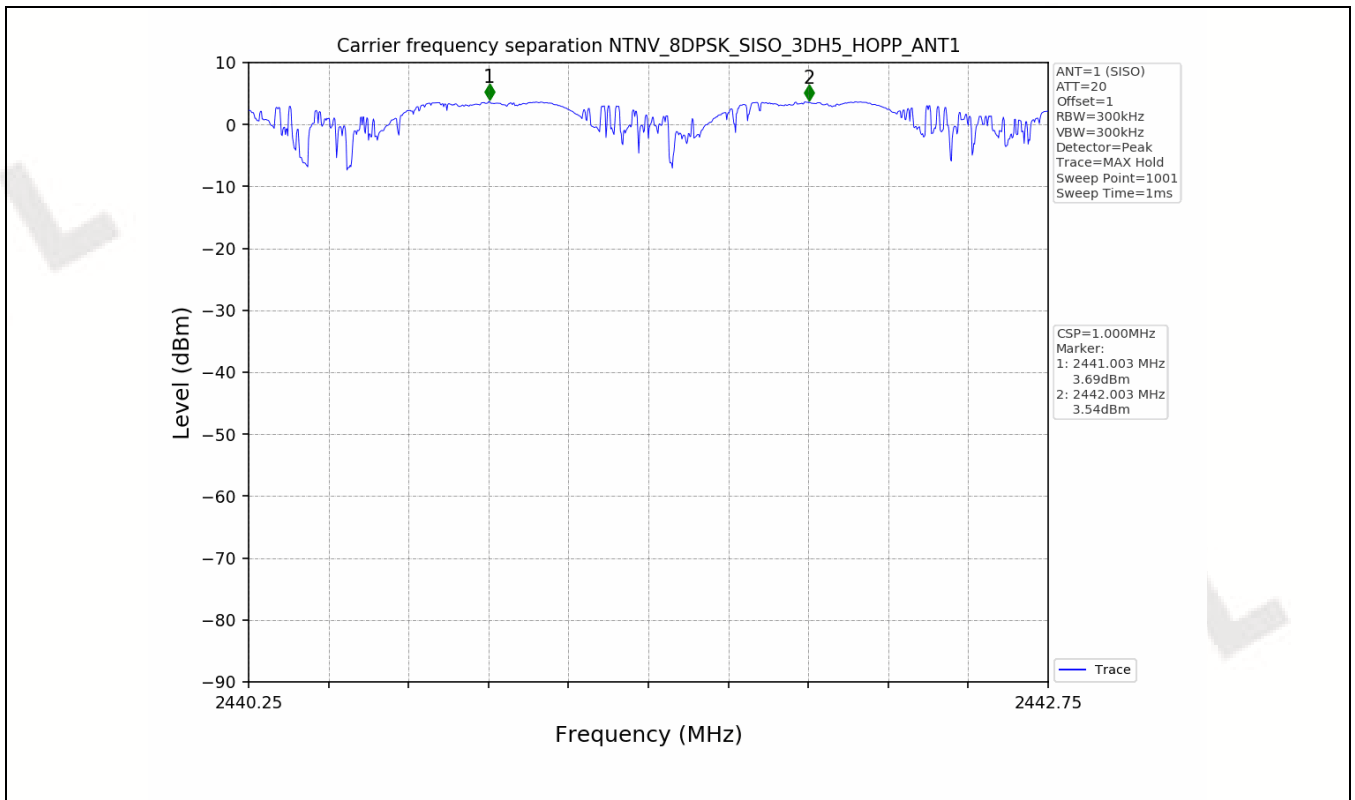
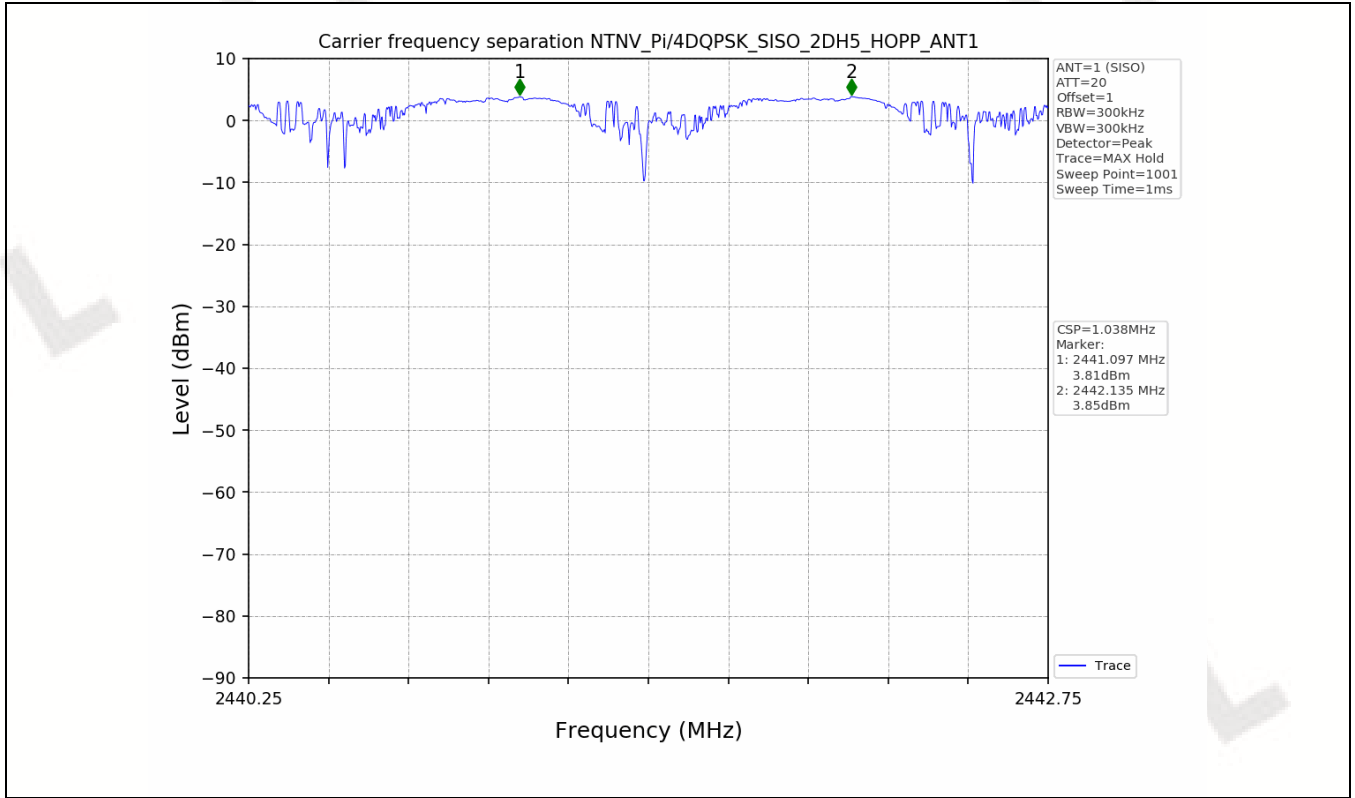
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.995	0.956	≥0.956	PASS
Pi/4DQPSK	SISO	1	1.038	1.186	≥0.791	PASS
8DPSK	SISO	1	1.000	1.159	≥0.773	PASS

3.2 Test Graph



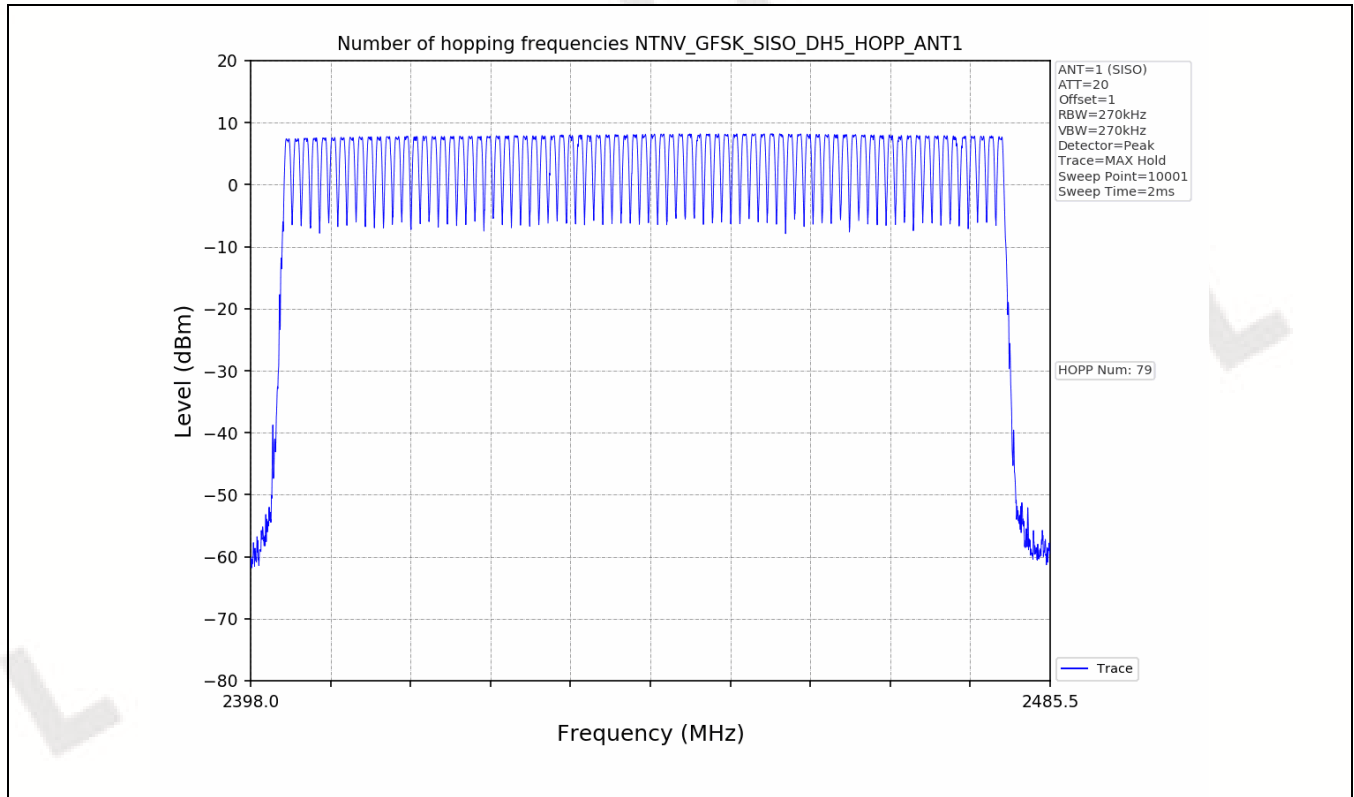


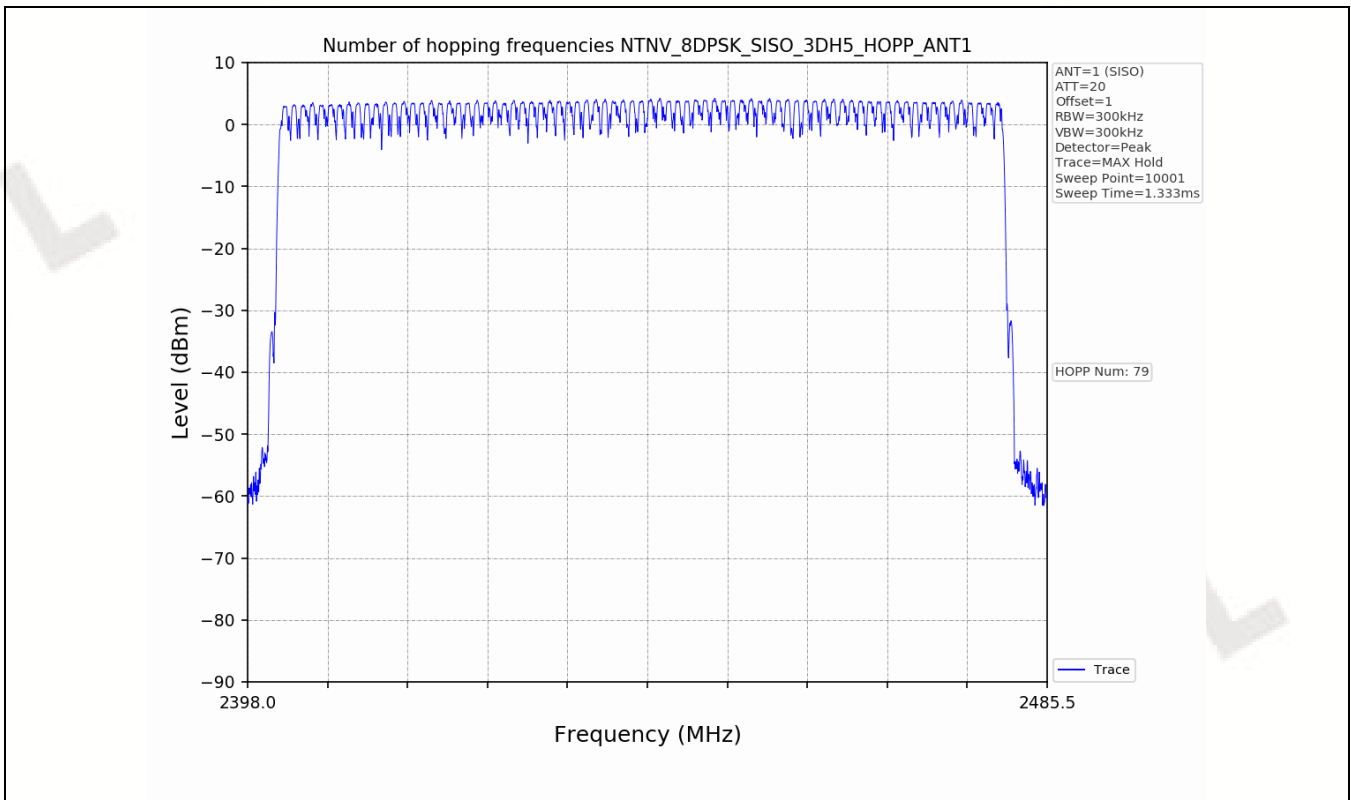
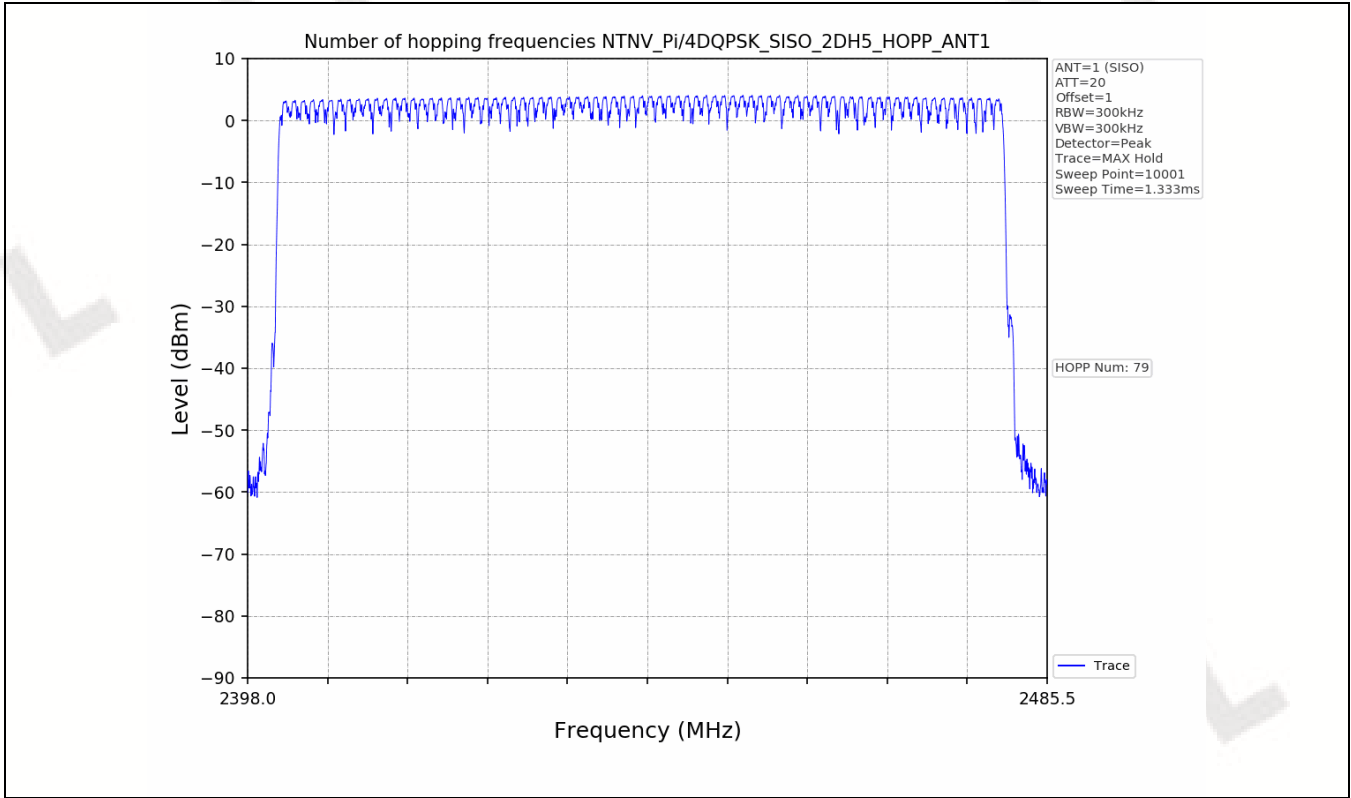
4. Number of hopping frequencies

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



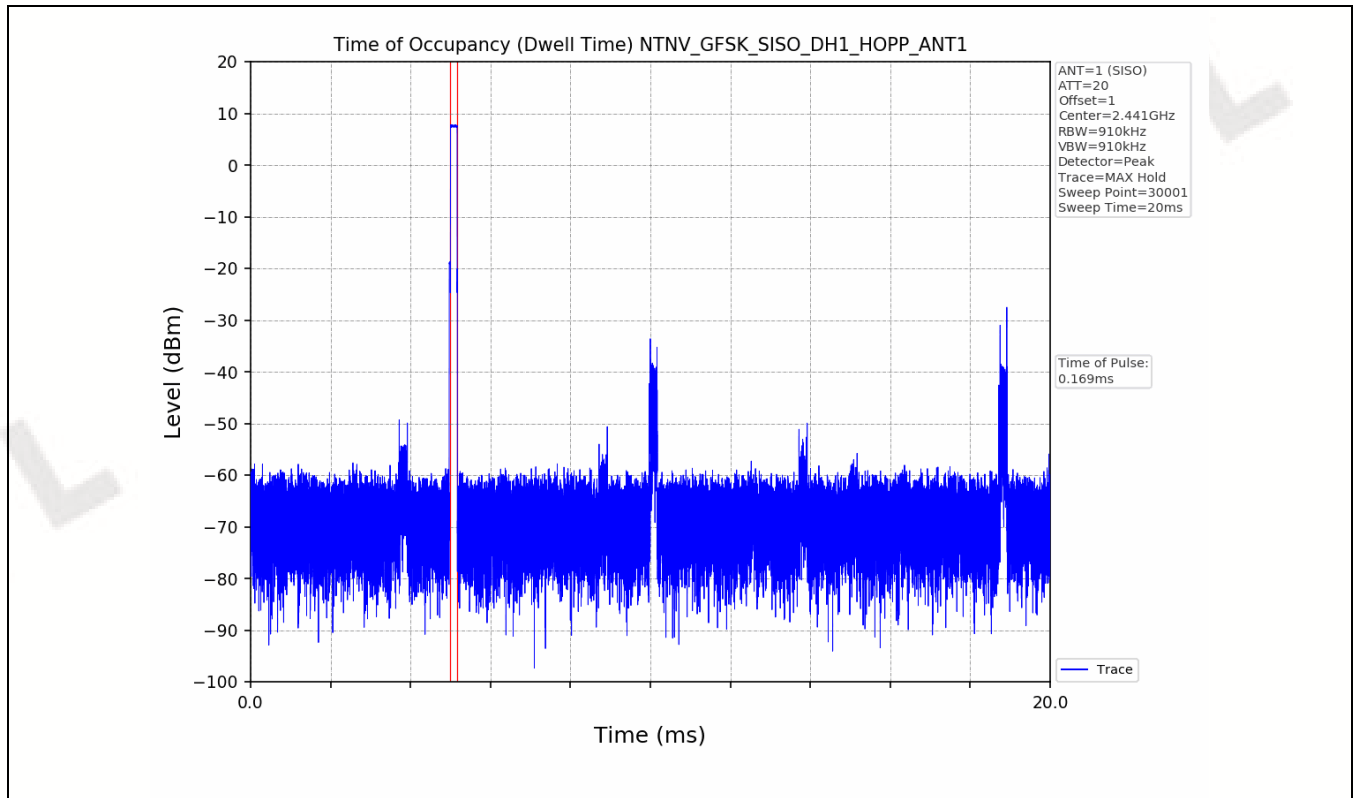


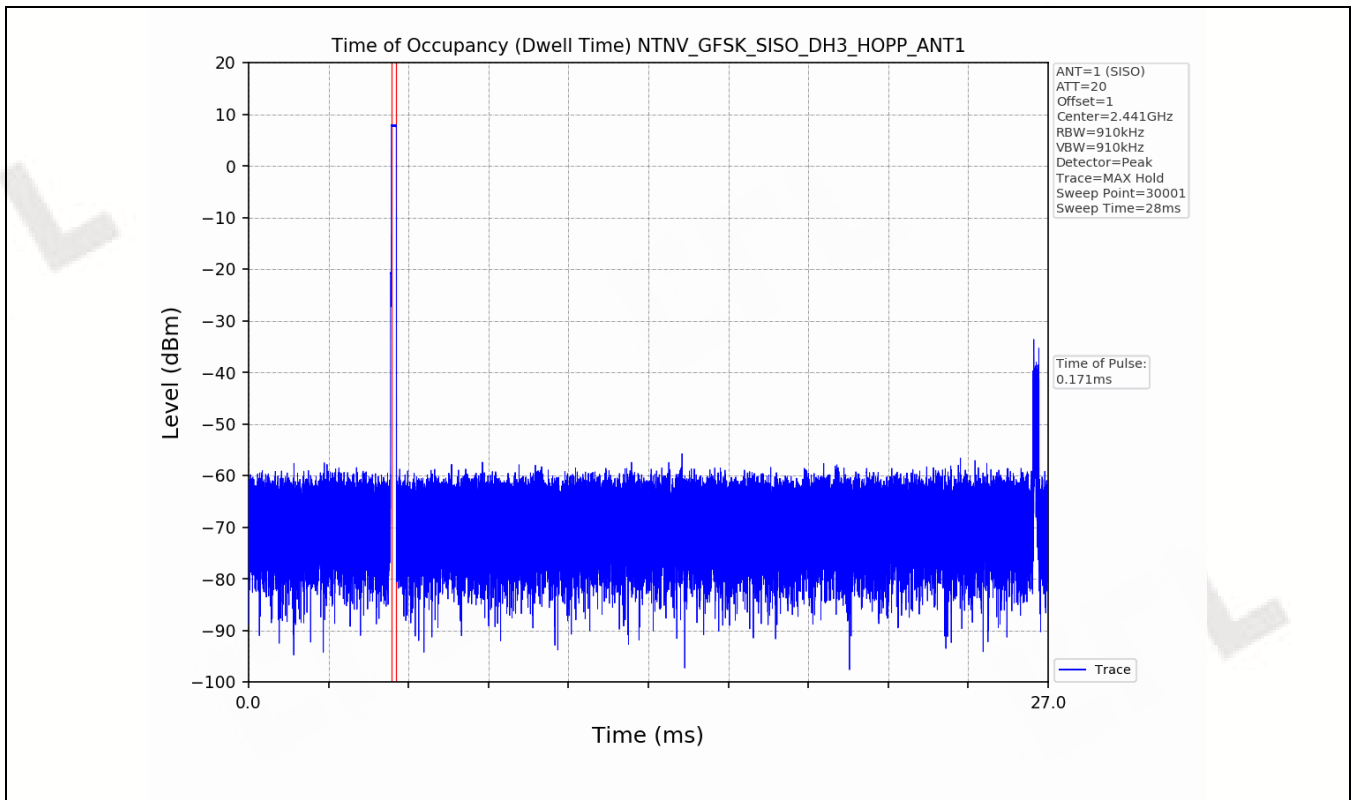
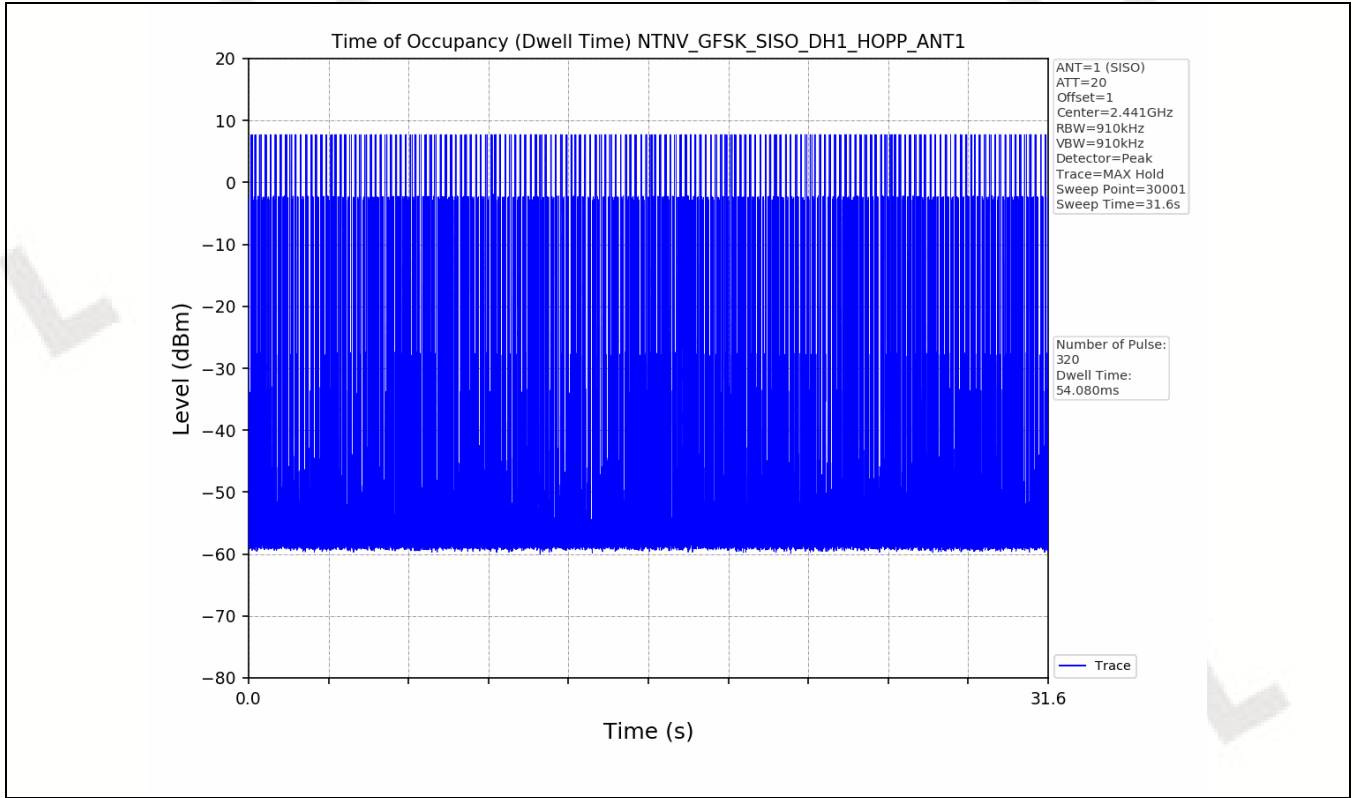
5. Time of Occupancy (Dwell Time)

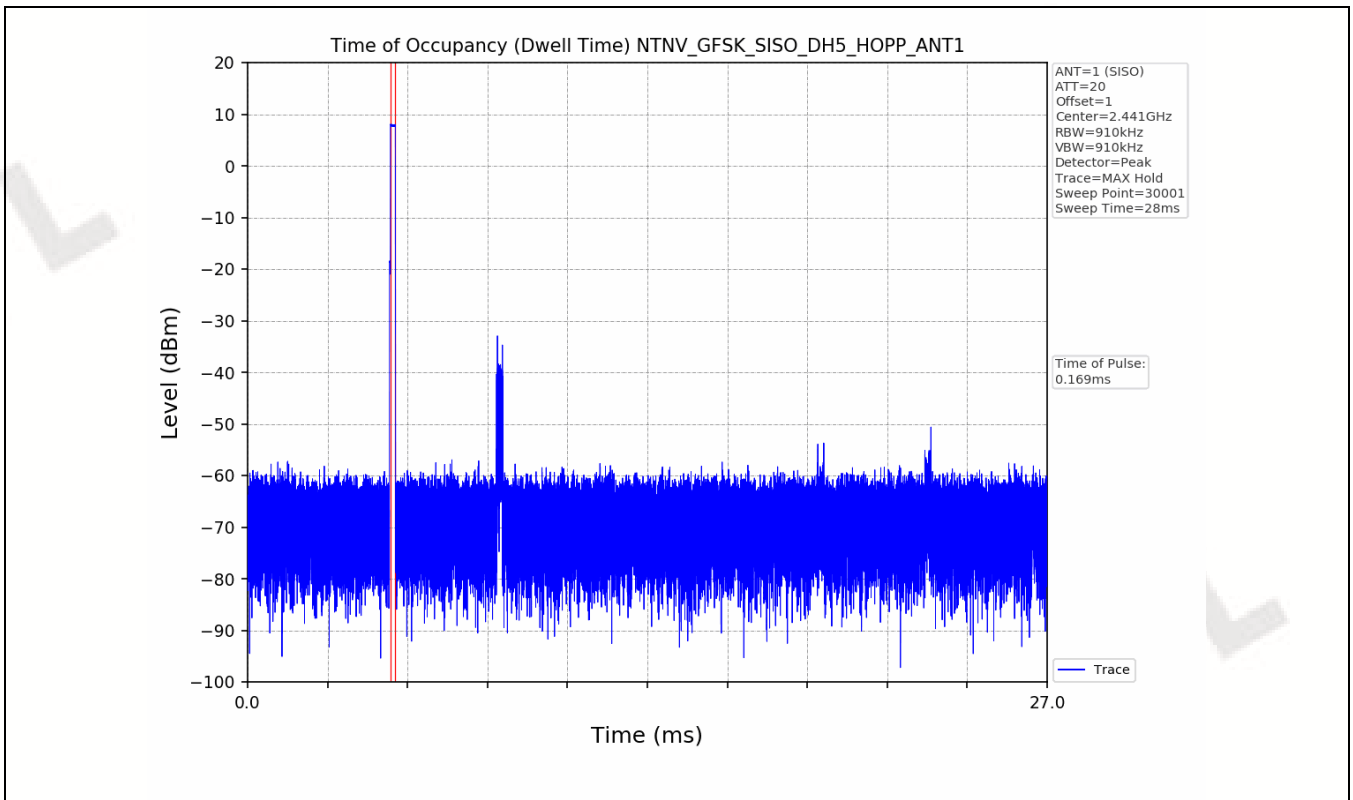
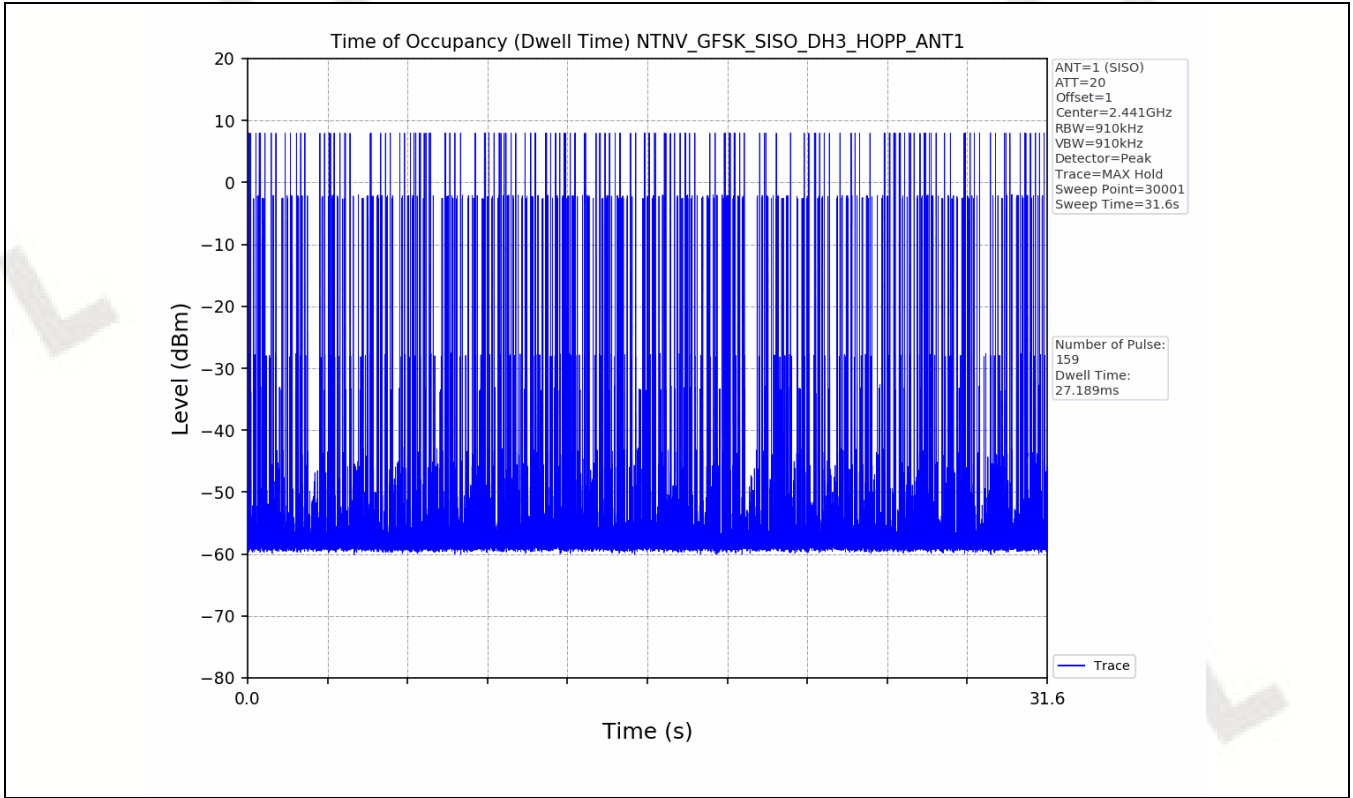
5.1 Test Result

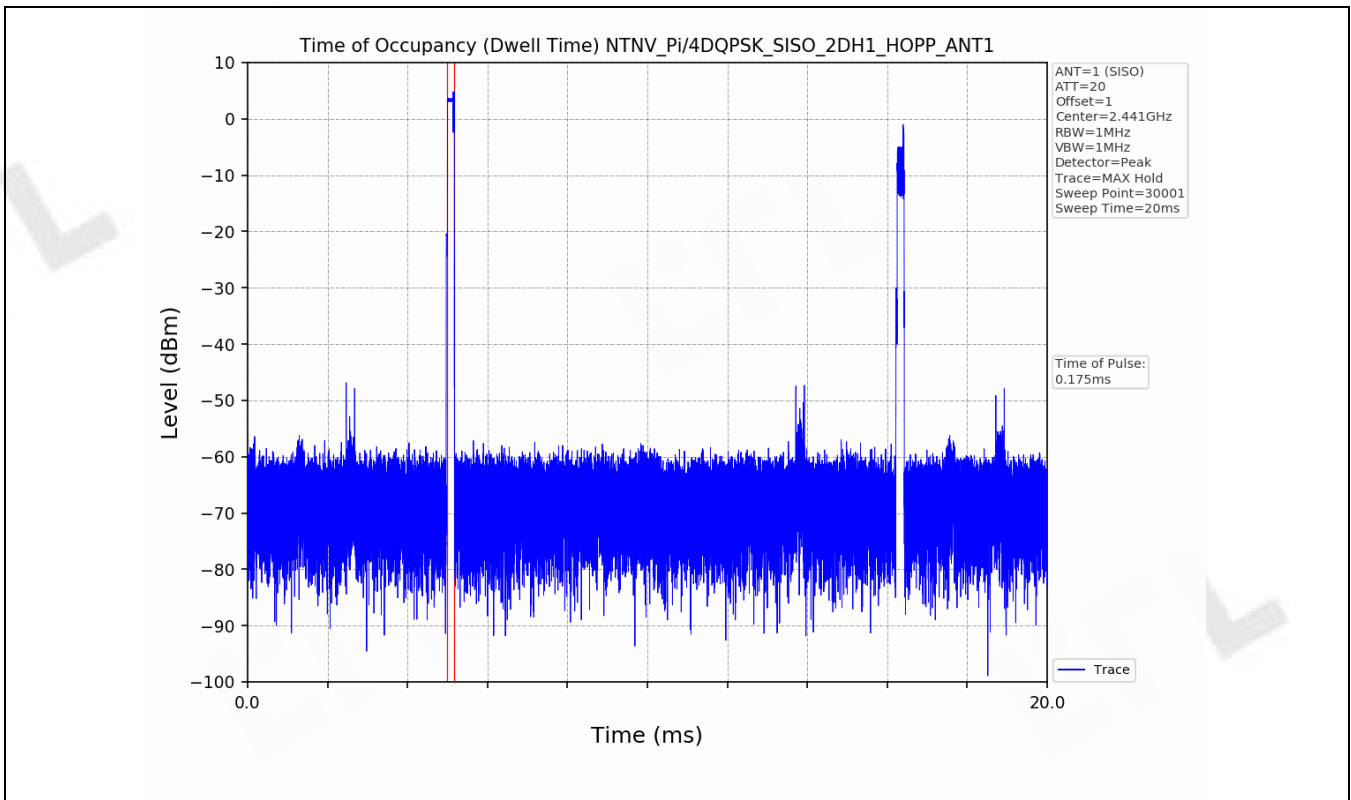
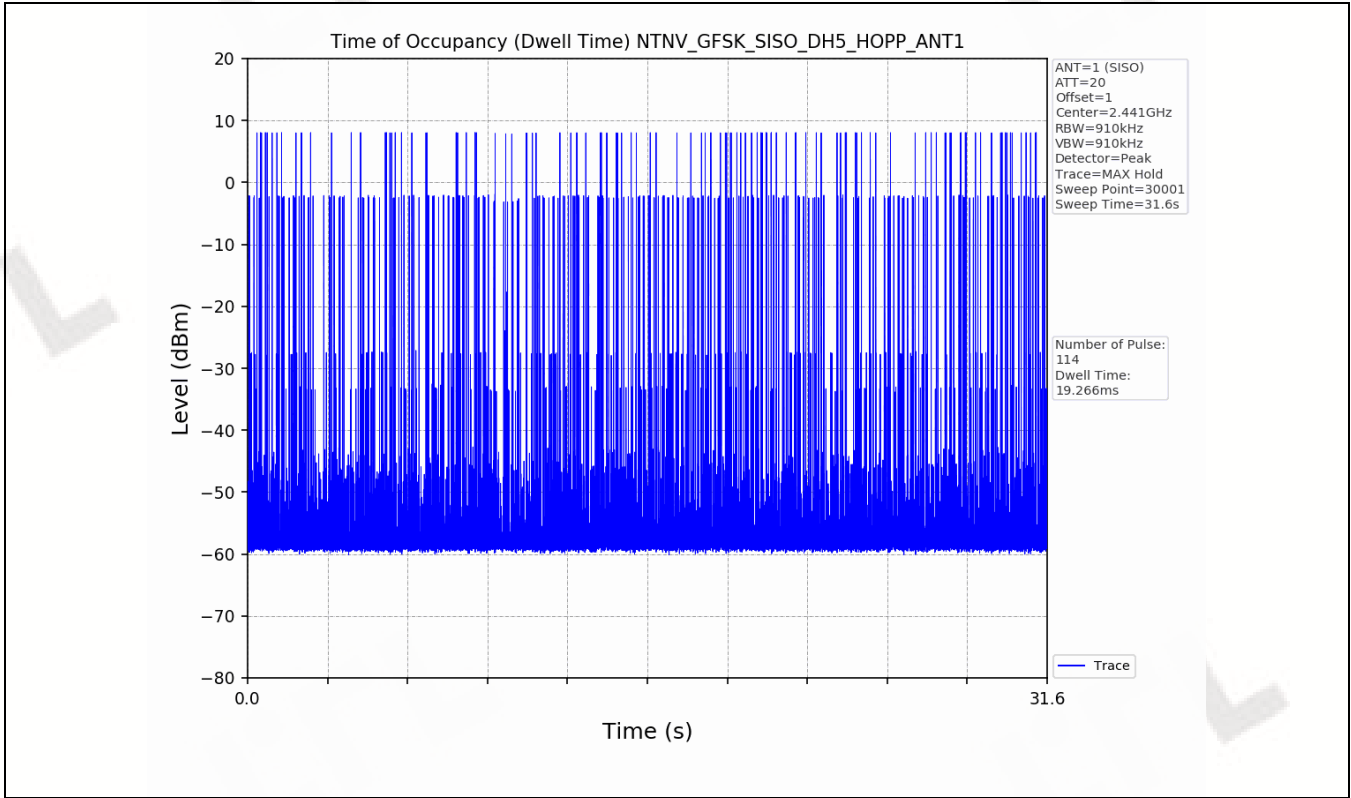
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.169	31.6	320	54.080	≤400	PASS
	DH3	SISO	1	0.171	31.6	159	27.189	≤400	PASS
	DH5	SISO	1	0.169	31.6	114	19.266	≤400	PASS
Pi/4DQ PSK	2DH1	SISO	1	0.175	31.6	319	55.825	≤400	PASS
	2DH3	SISO	1	0.170	31.6	155	26.350	≤400	PASS
	2DH5	SISO	1	0.174	31.6	106	18.444	≤400	PASS
8DPSK	3DH1	SISO	1	0.169	31.6	318	53.742	≤400	PASS
	3DH3	SISO	1	0.170	31.6	164	27.880	≤400	PASS
	3DH5	SISO	1	0.169	31.6	115	19.435	≤400	PASS

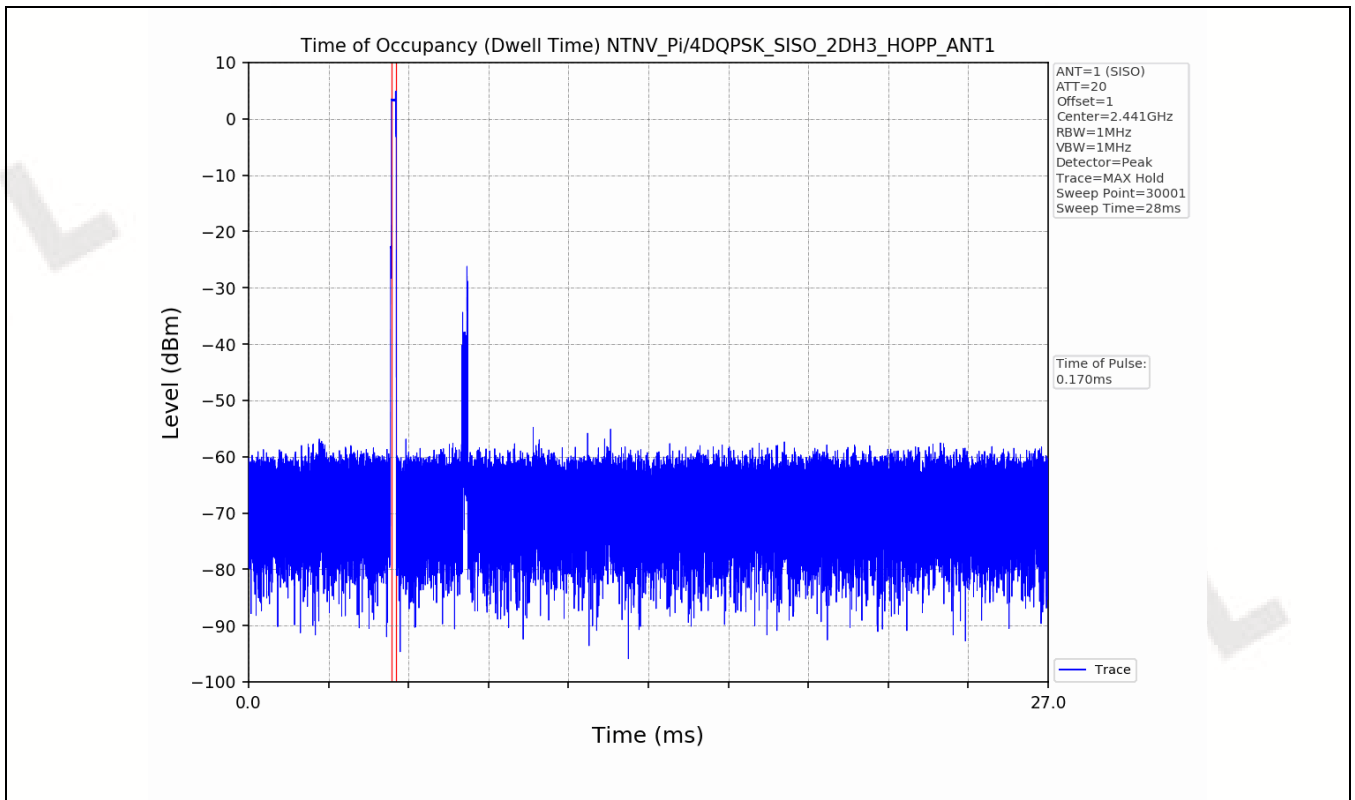
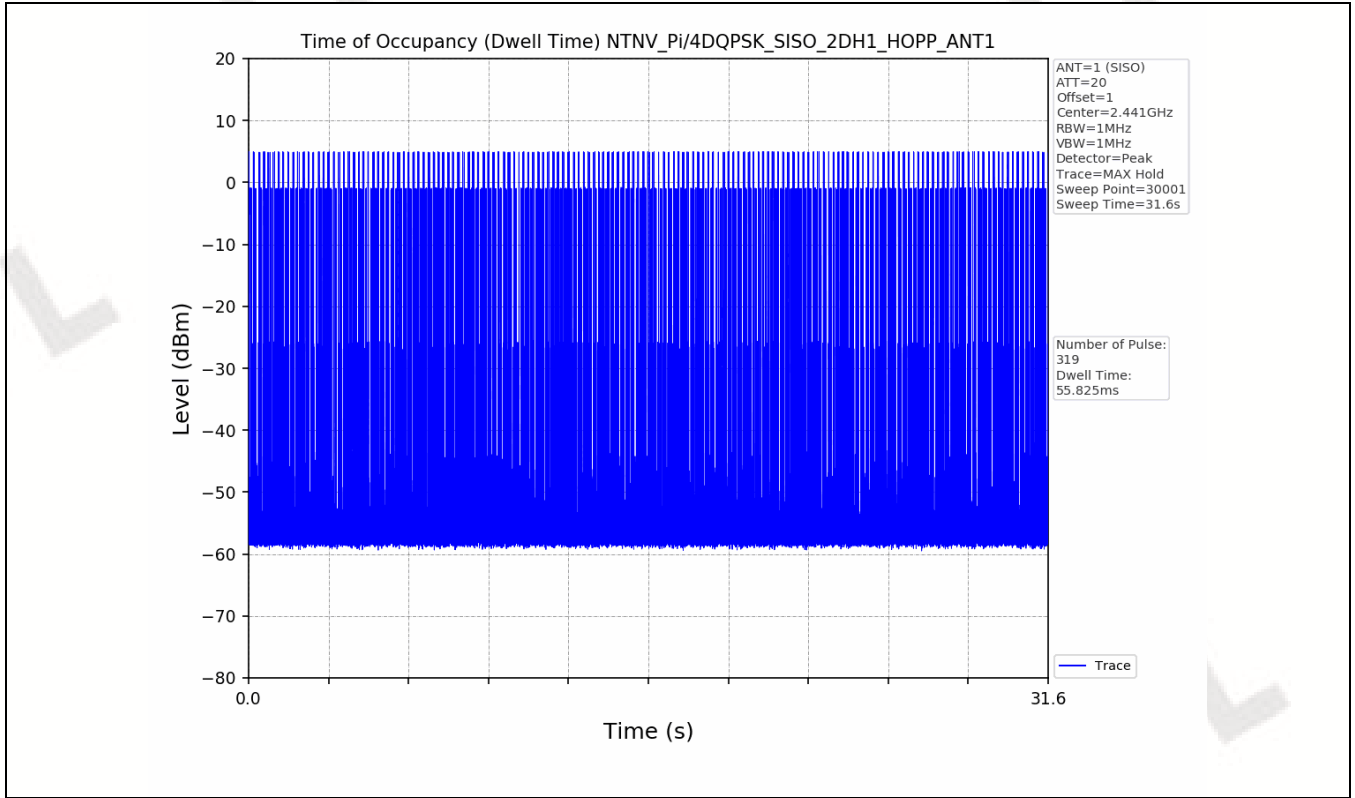
5.2 Test Graph

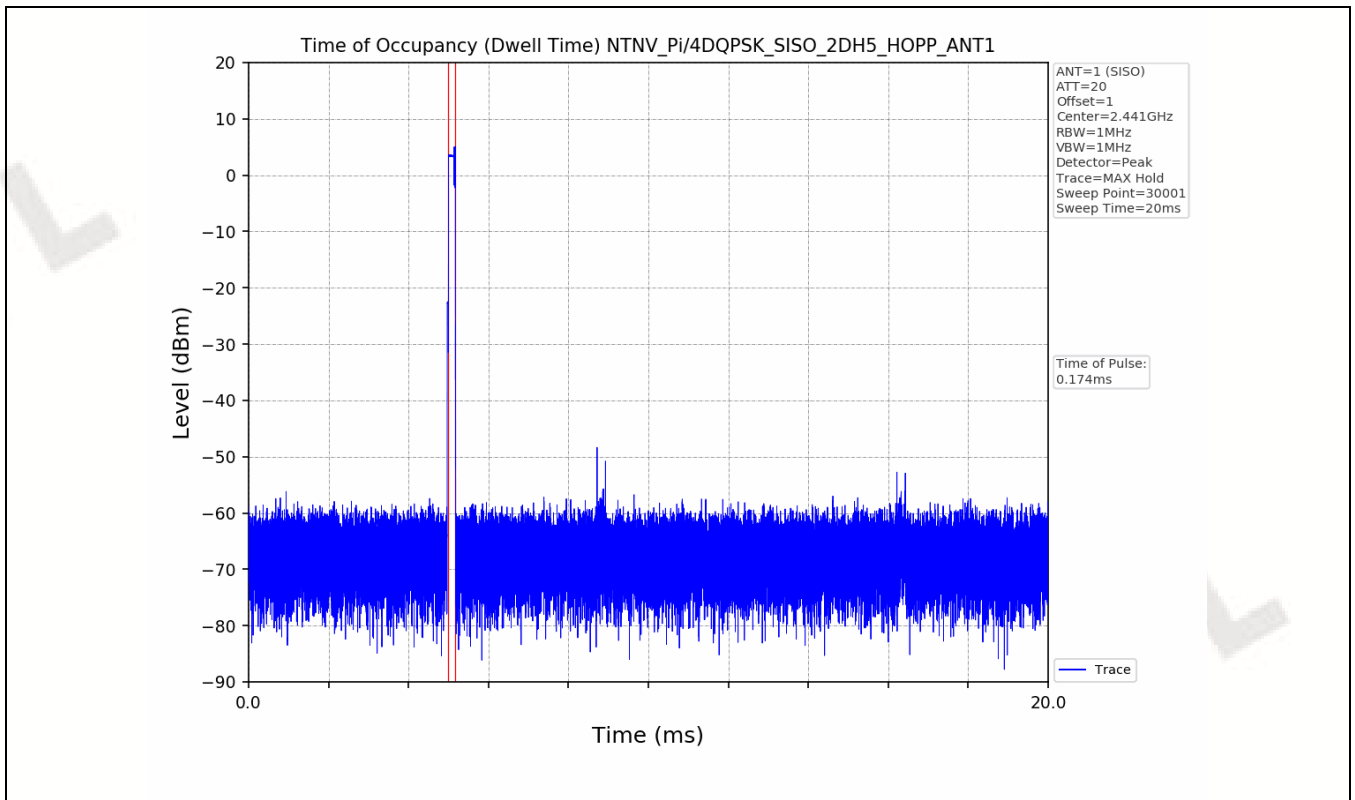
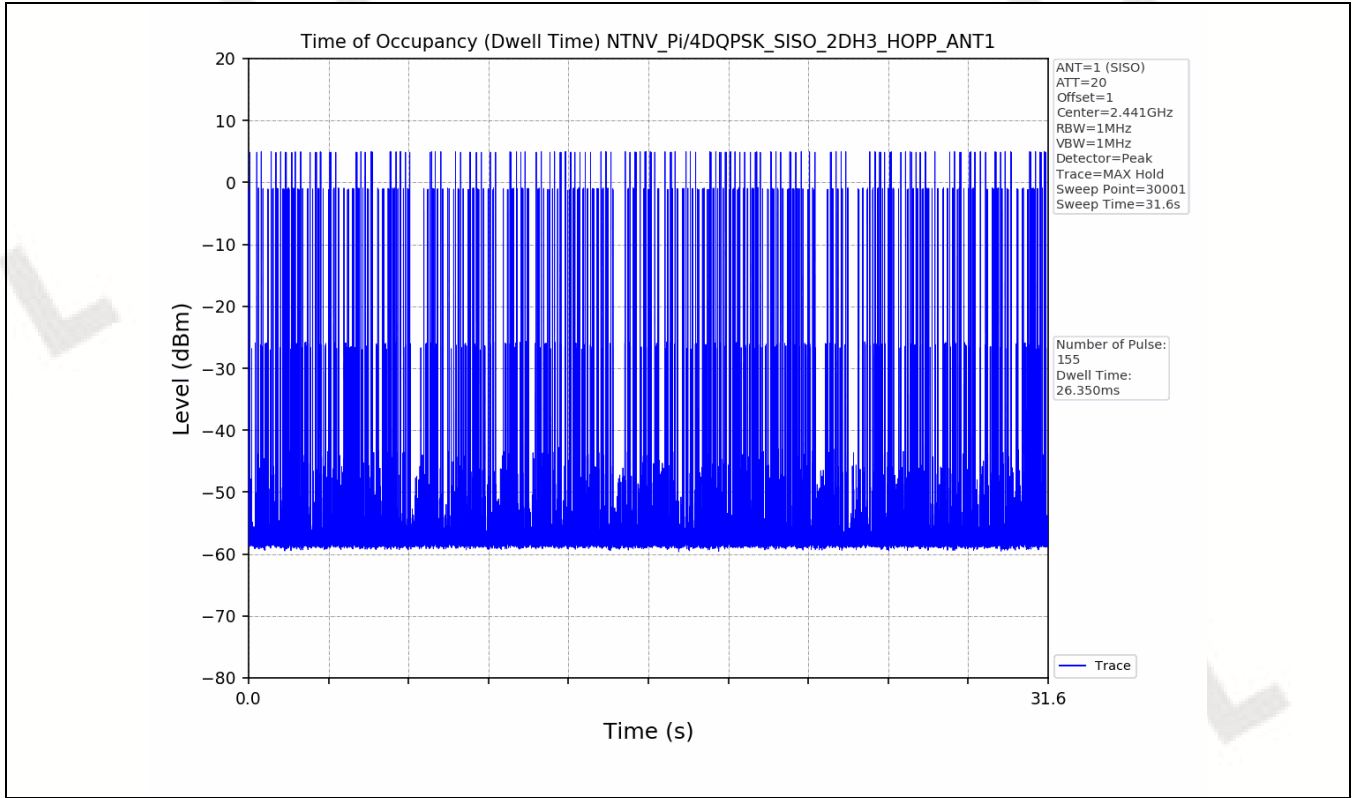


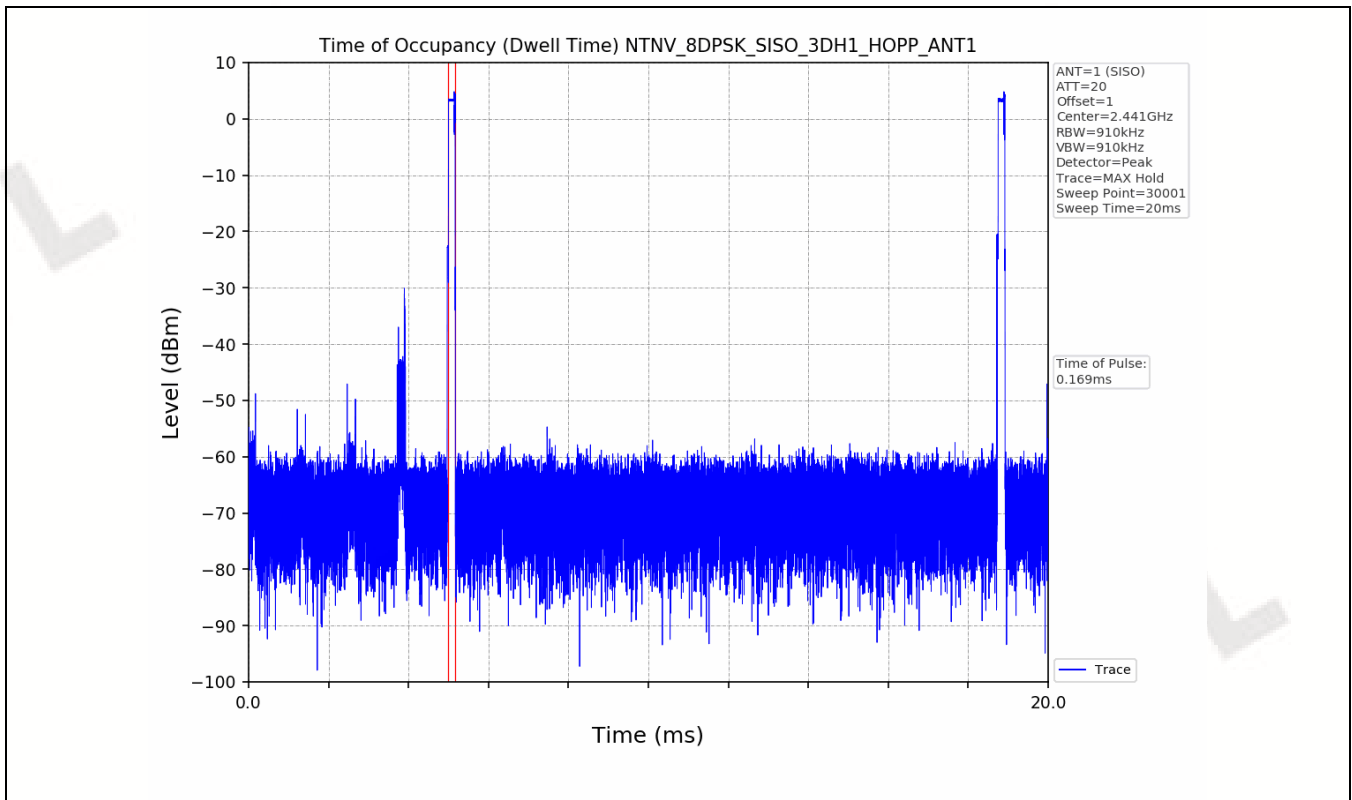
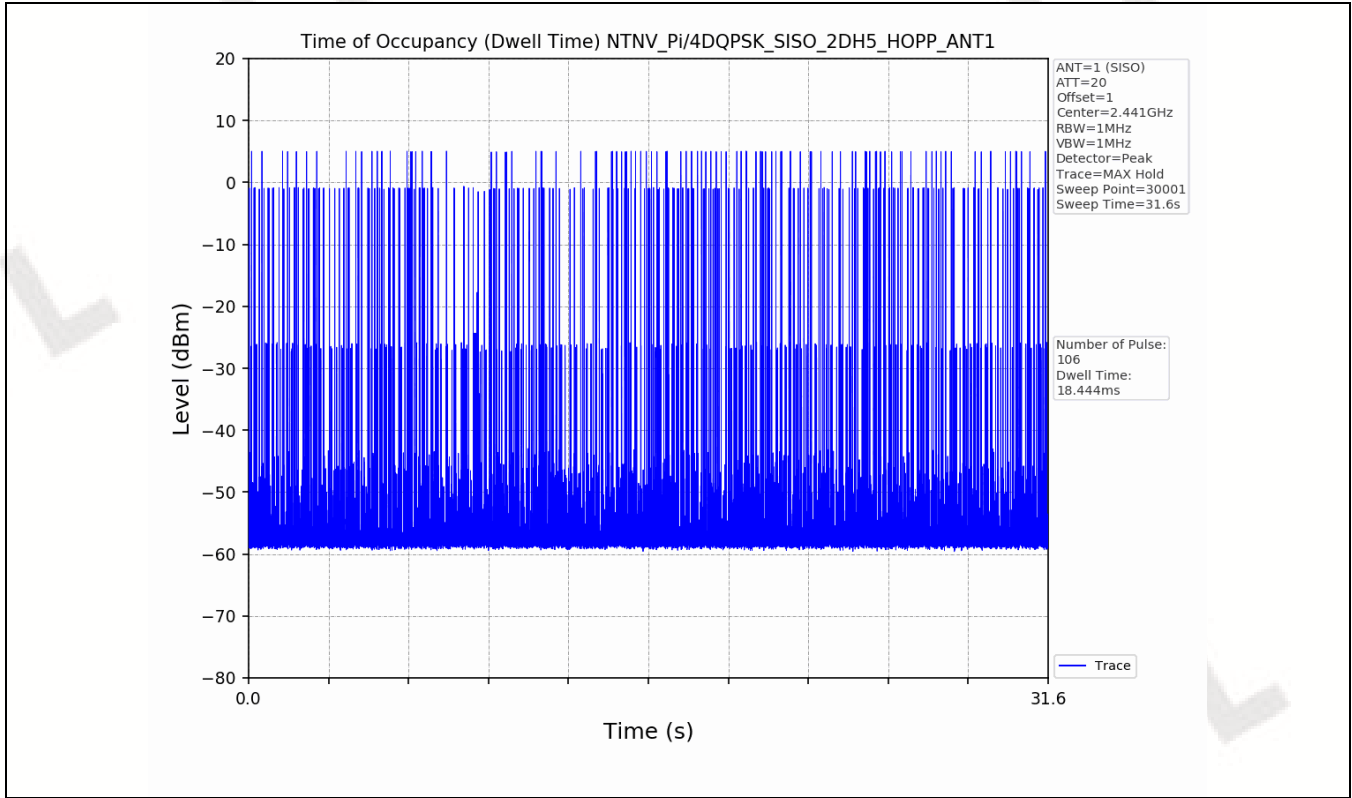


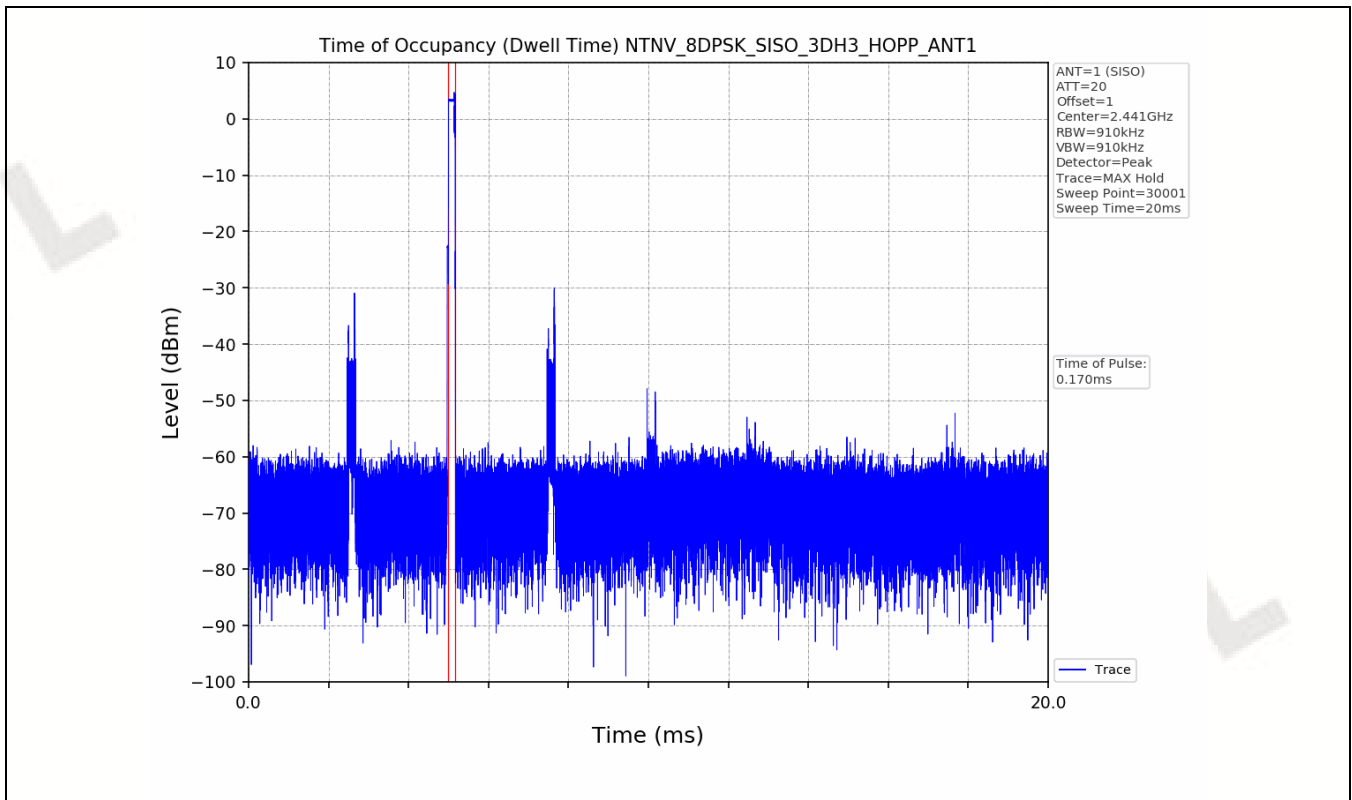
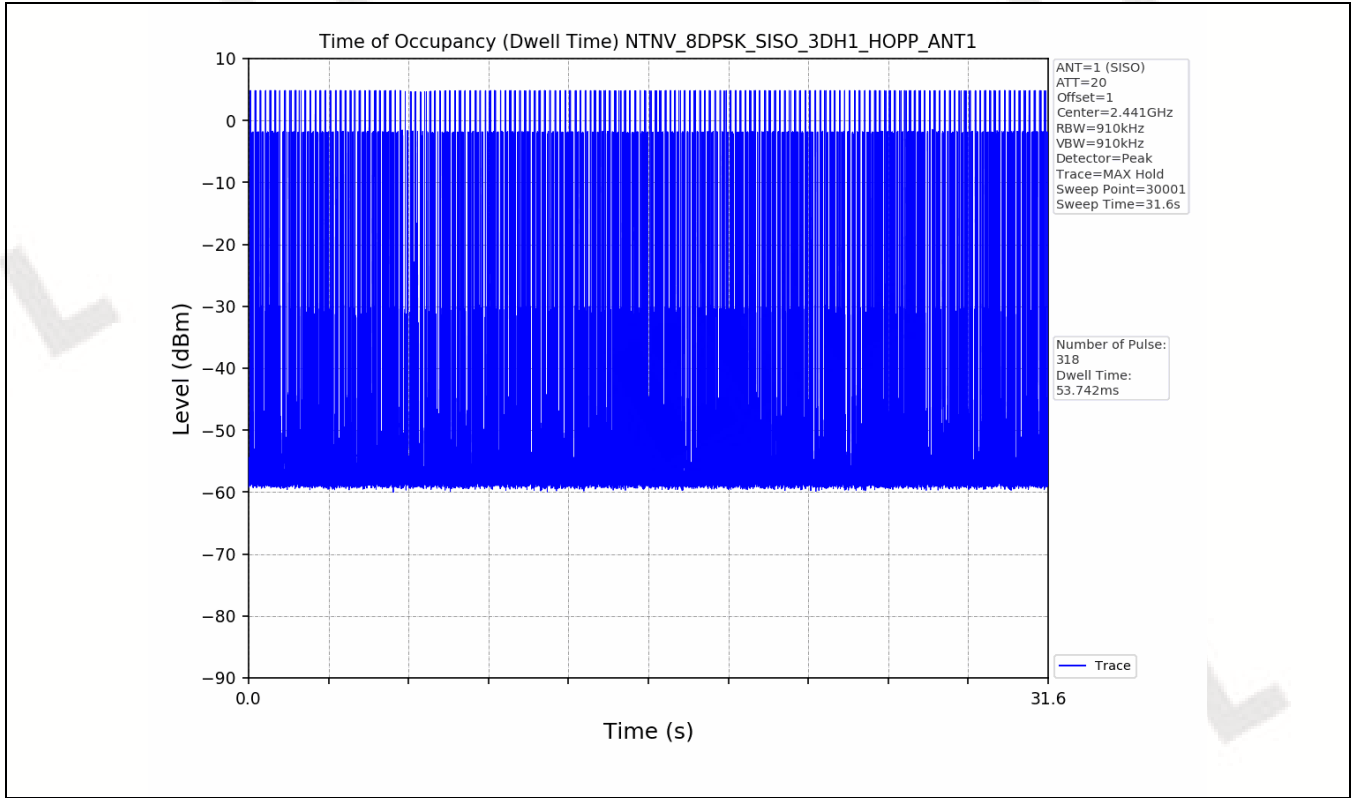


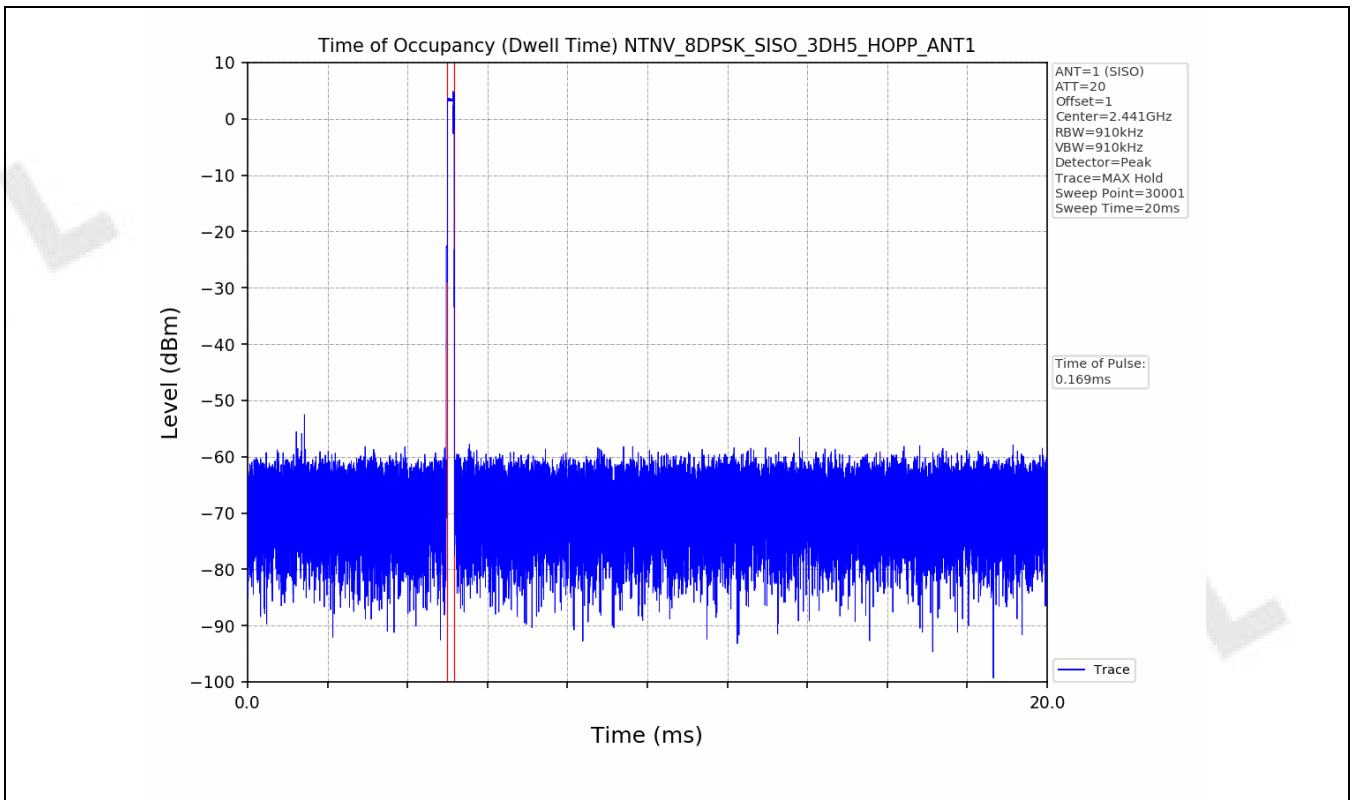
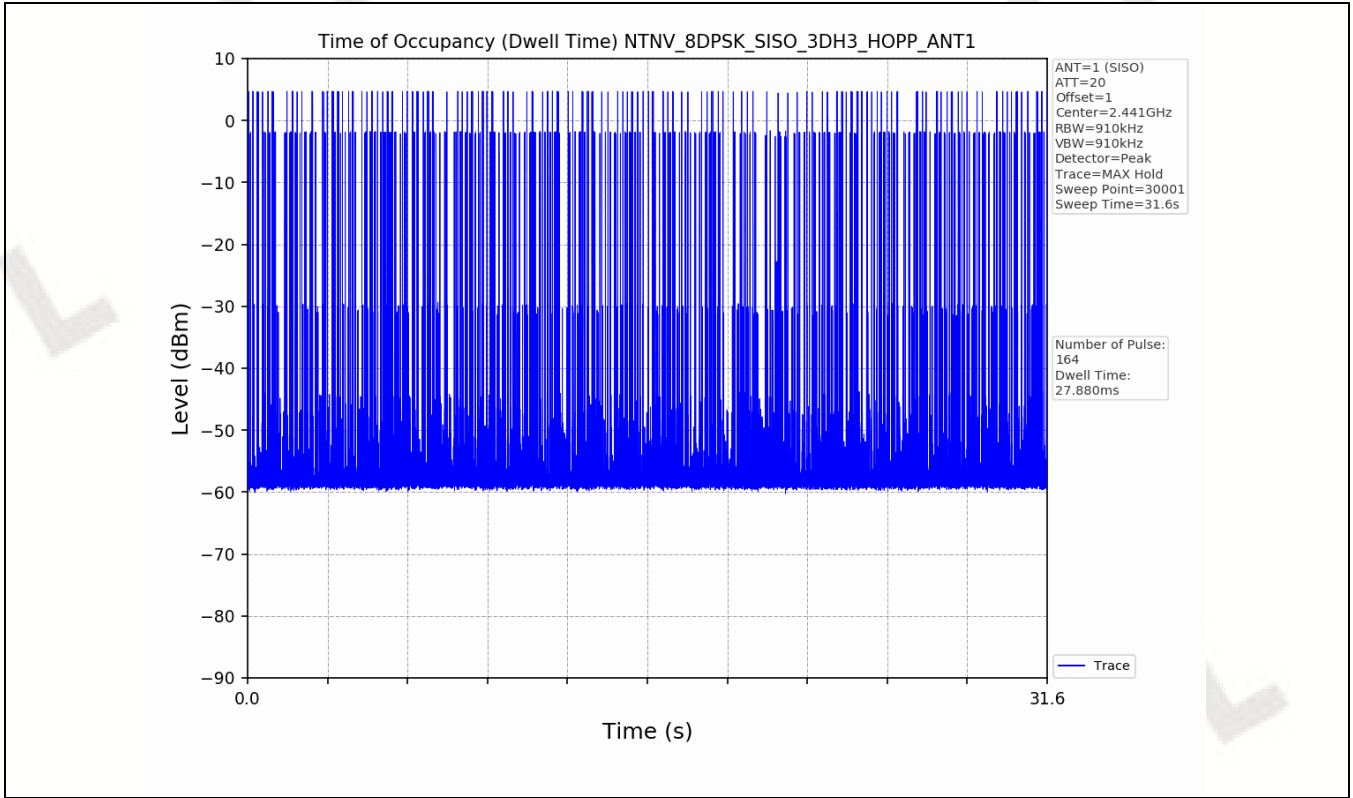


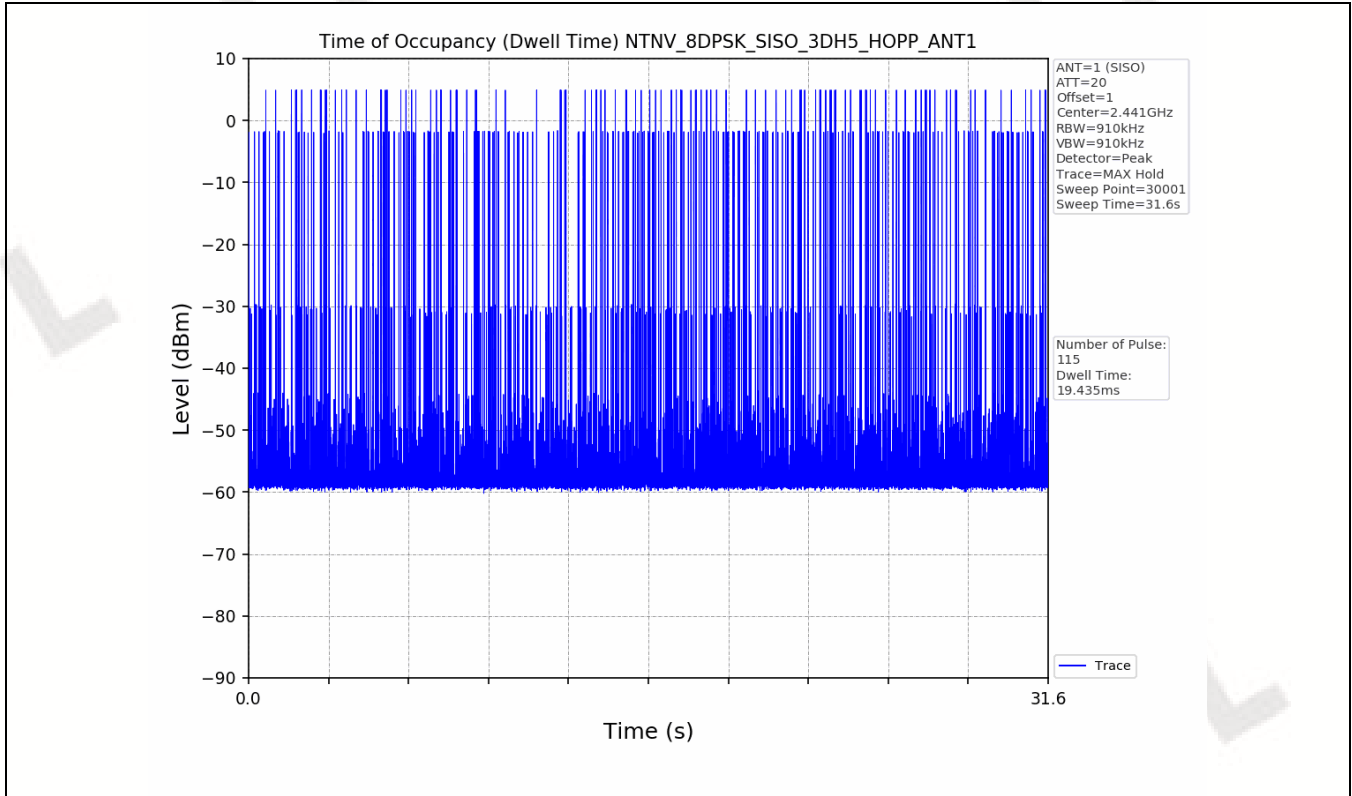












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-11.96	PASS
	2441	SISO	1	Refer to test graph	-11.96	PASS
	2480	SISO	1	Refer to test graph	-11.96	PASS
	Hopping	SISO	1	Refer to test graph	-11.96	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-16.83	PASS
	2441	SISO	1	Refer to test graph	-16.83	PASS
	2480	SISO	1	Refer to test graph	-16.83	PASS
	Hopping	SISO	1	Refer to test graph	-16.83	PASS
8DPSK	2402	SISO	1	Refer to test graph	-16.52	PASS
	2441	SISO	1	Refer to test graph	-16.52	PASS
	2480	SISO	1	Refer to test graph	-16.52	PASS
	Hopping	SISO	1	Refer to test graph	-16.52	PASS

6.2 Test Graph

