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Appendix for 15.247

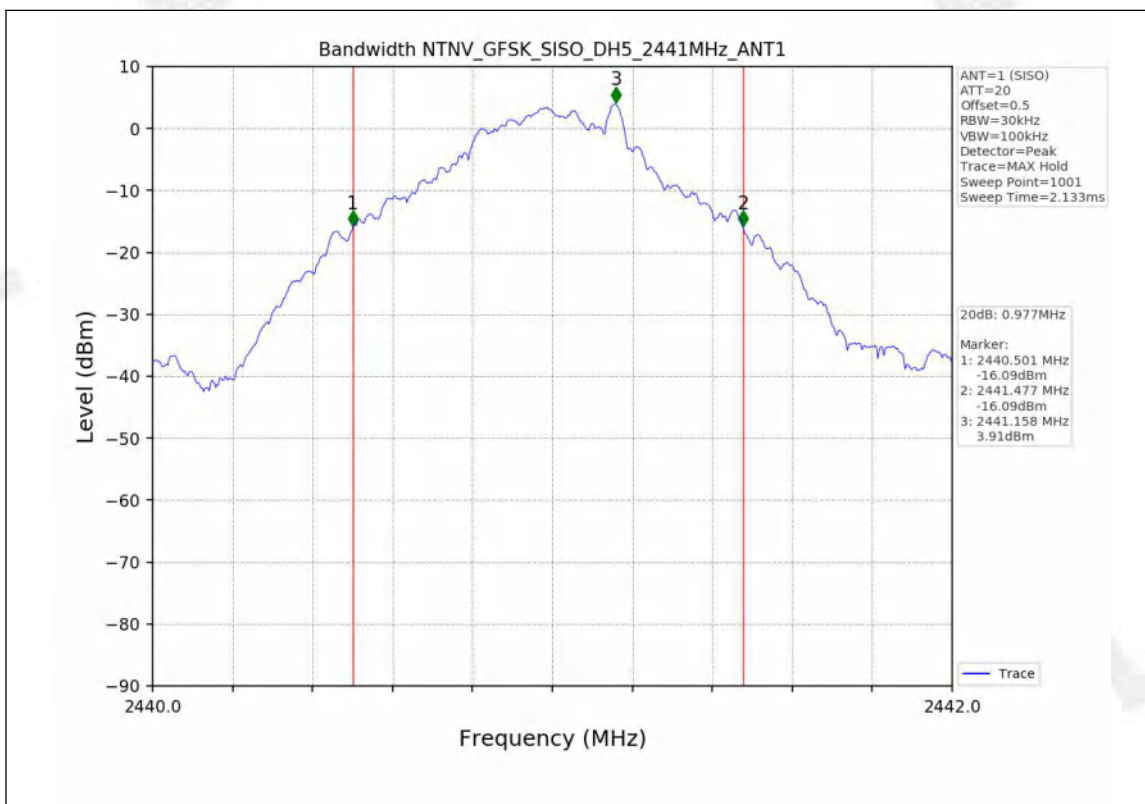
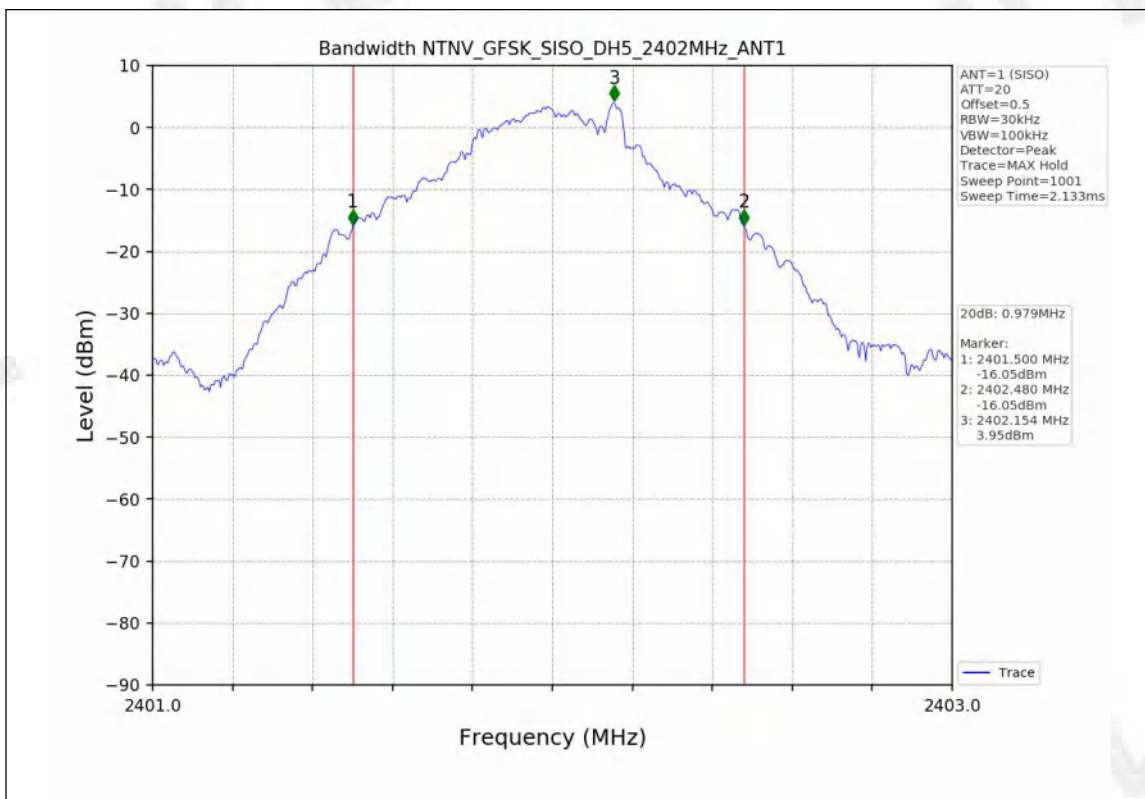
1. Bandwidth

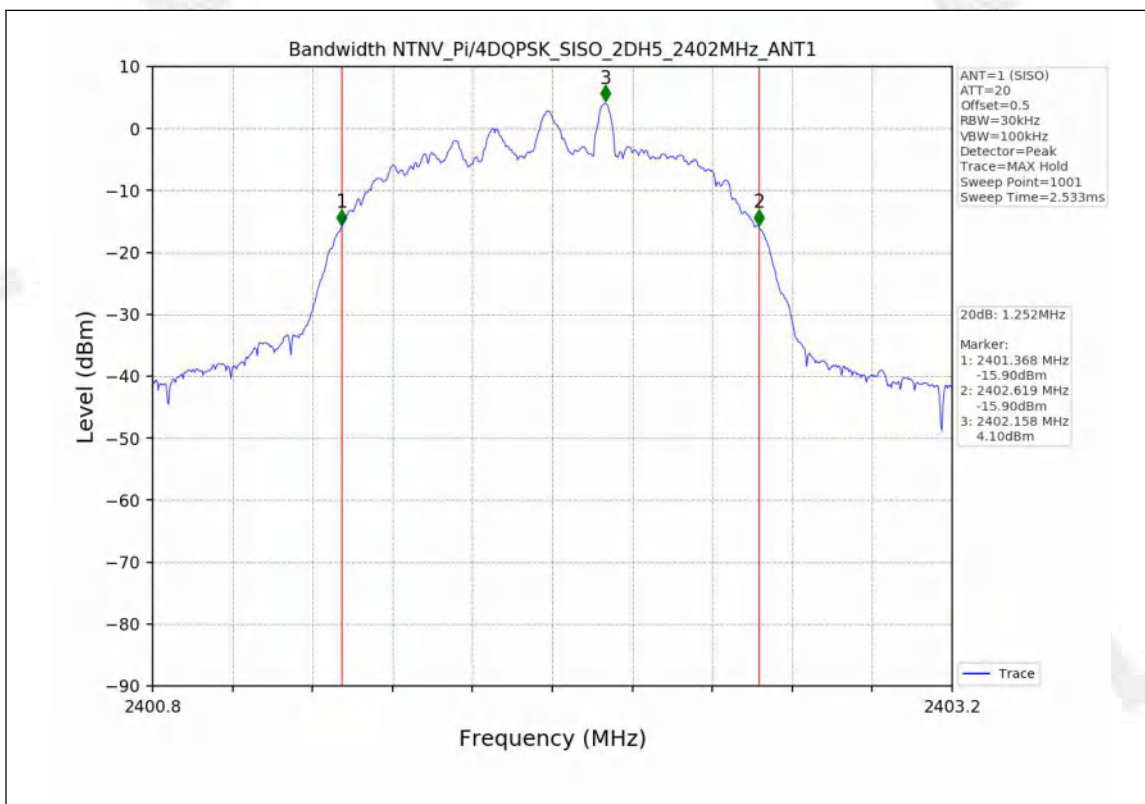
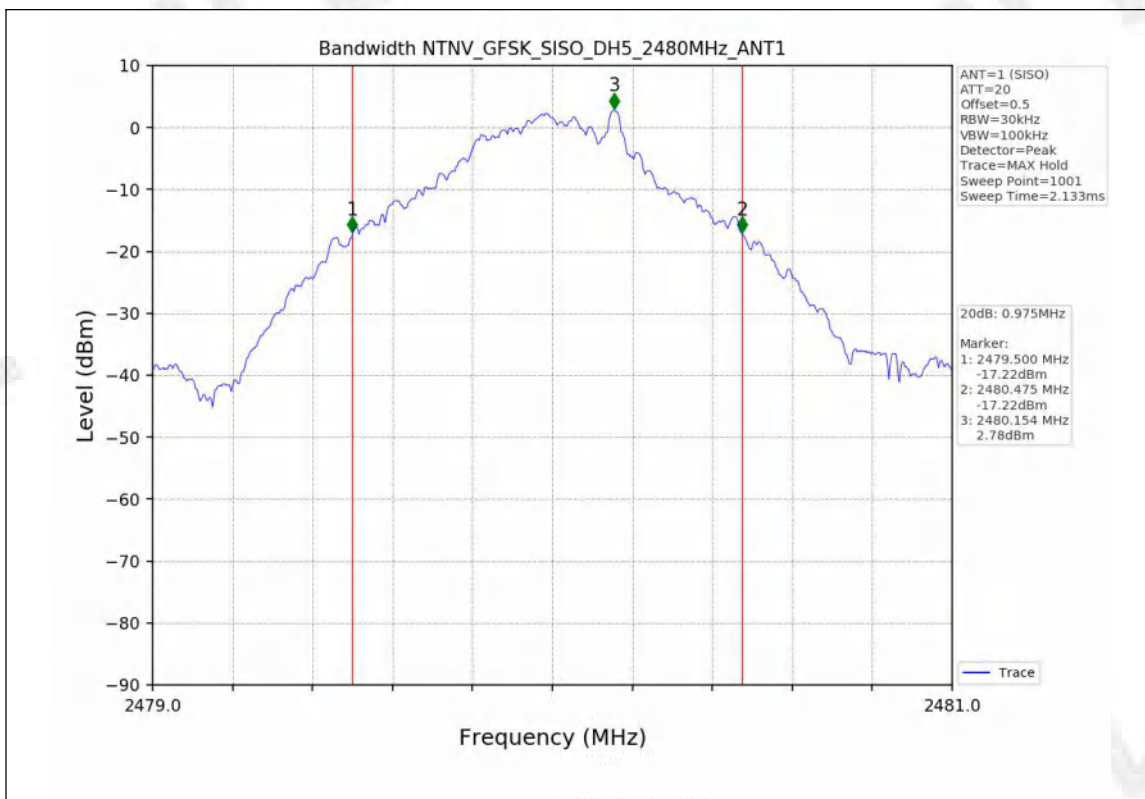
1.1 Test Result

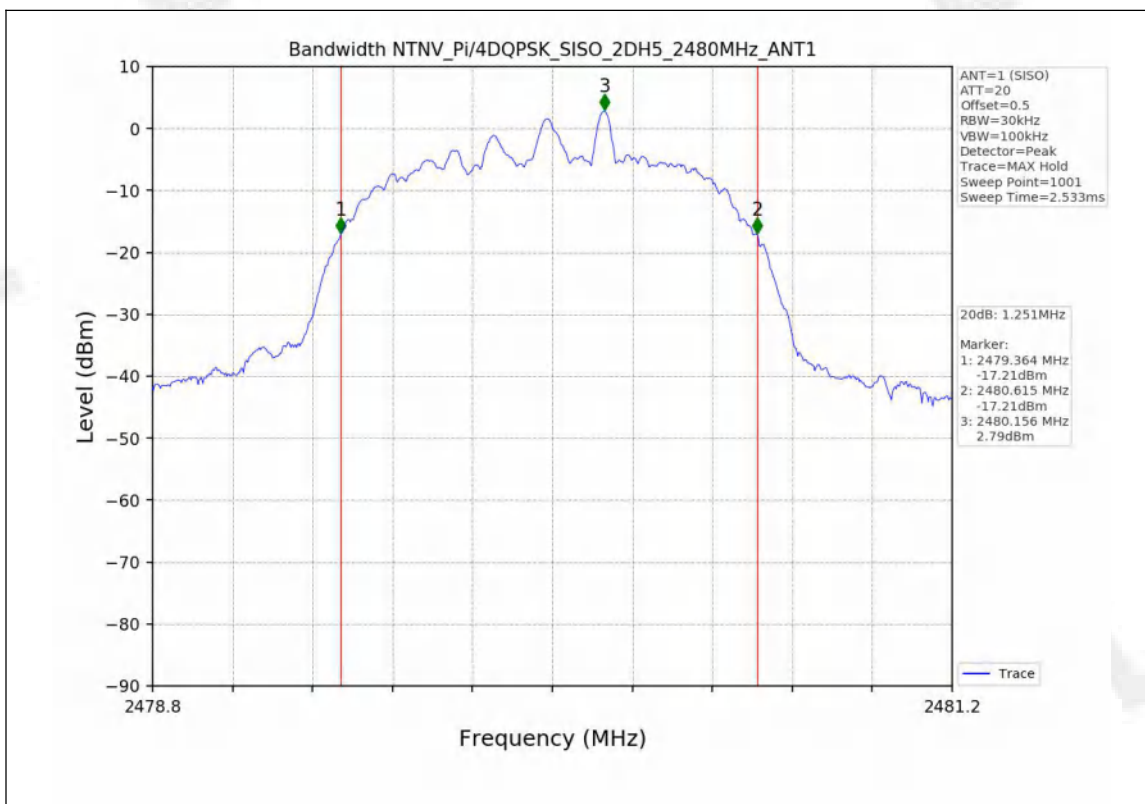
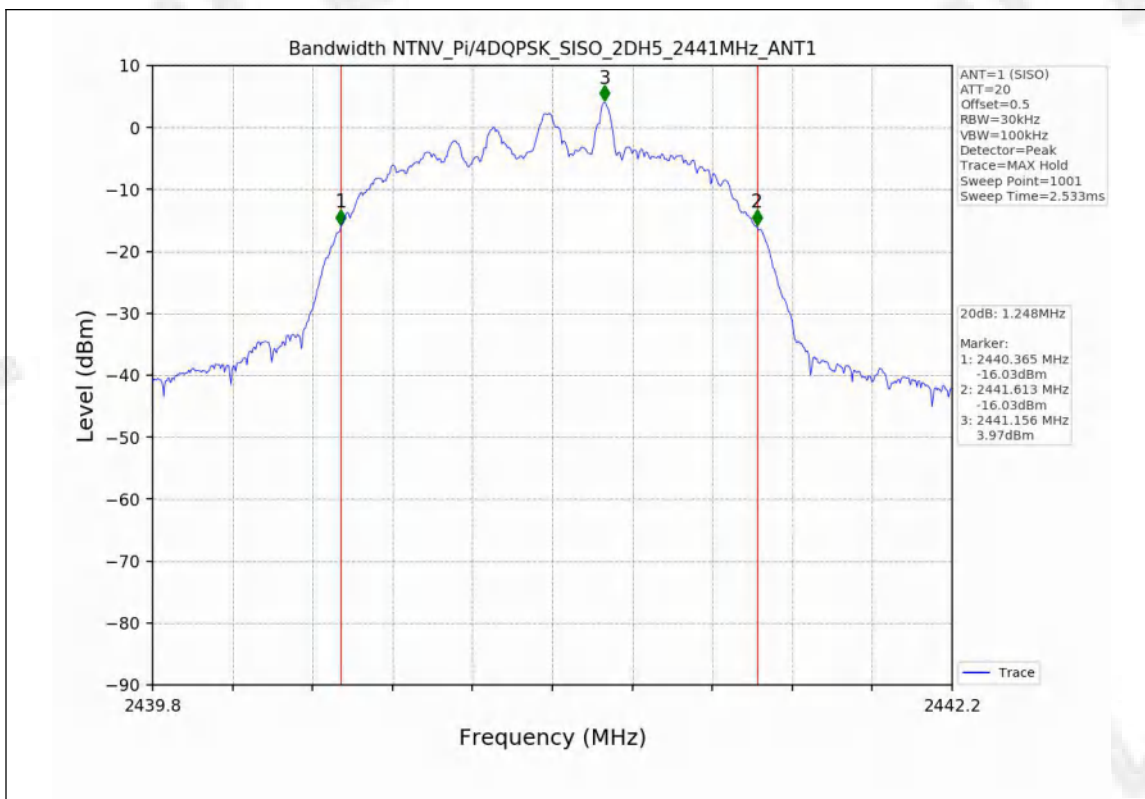
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.979	PASS
	2441	SISO	1	0.977	PASS
	2480	SISO	1	0.975	PASS
Pi/4DQPSK	2402	SISO	1	1.252	PASS
	2441	SISO	1	1.248	PASS
	2480	SISO	1	1.251	PASS
8DPSK	2402	SISO	1	1.232	PASS
	2441	SISO	1	1.235	PASS
	2480	SISO	1	1.234	PASS

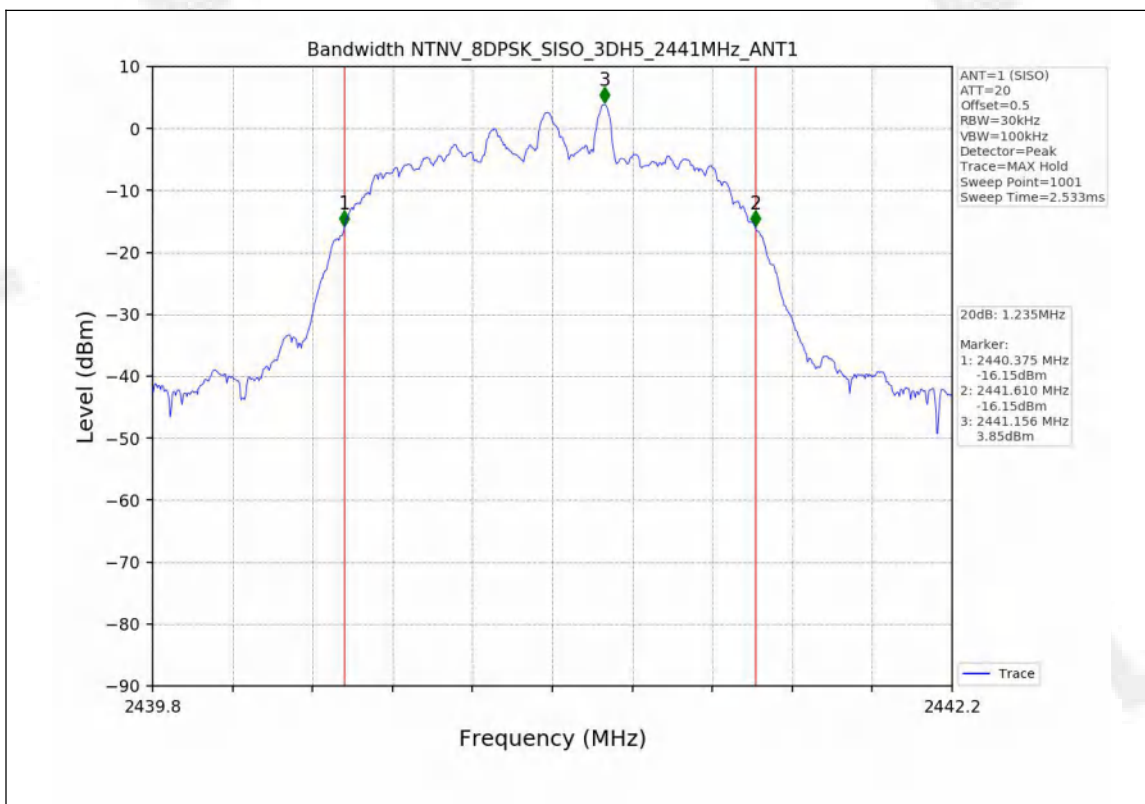
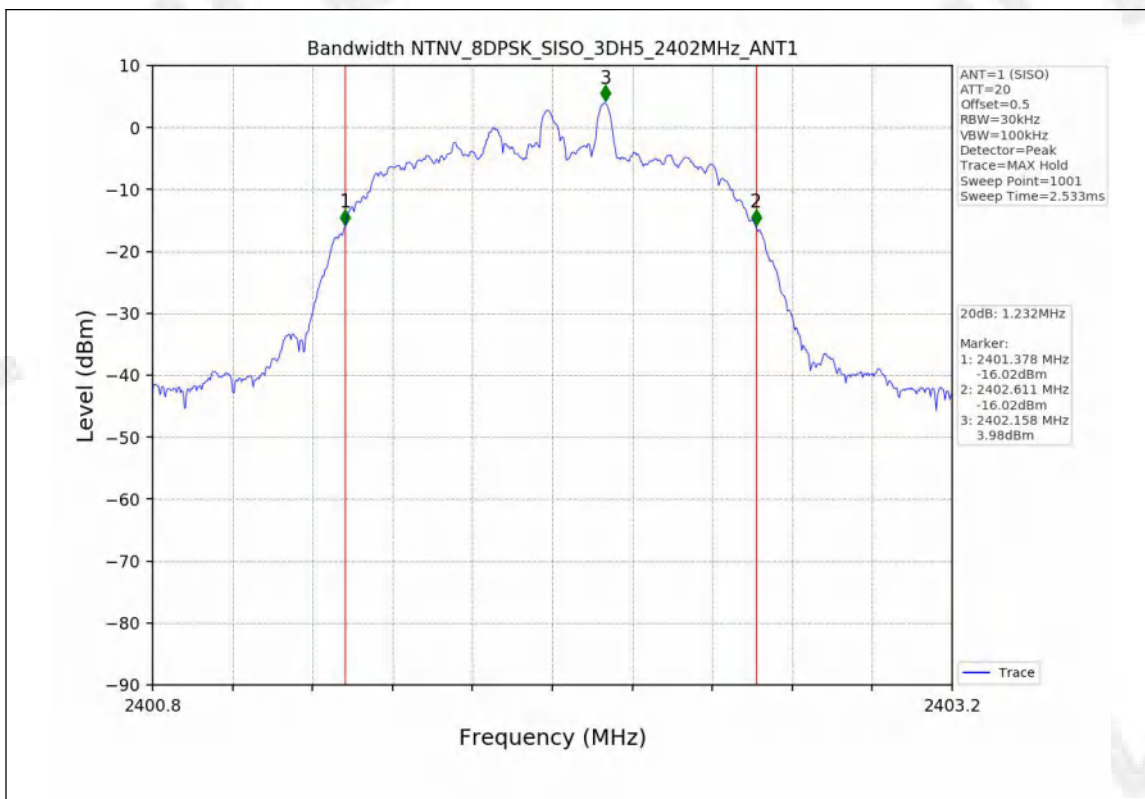
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.901	Only for Report Use
	2441	SISO	1	0.899	Only for Report Use
	2480	SISO	1	0.898	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.157	Only for Report Use
	2441	SISO	1	1.155	Only for Report Use
	2480	SISO	1	1.154	Only for Report Use
8DPSK	2402	SISO	1	1.157	Only for Report Use
	2441	SISO	1	1.152	Only for Report Use
	2480	SISO	1	1.153	Only for Report Use

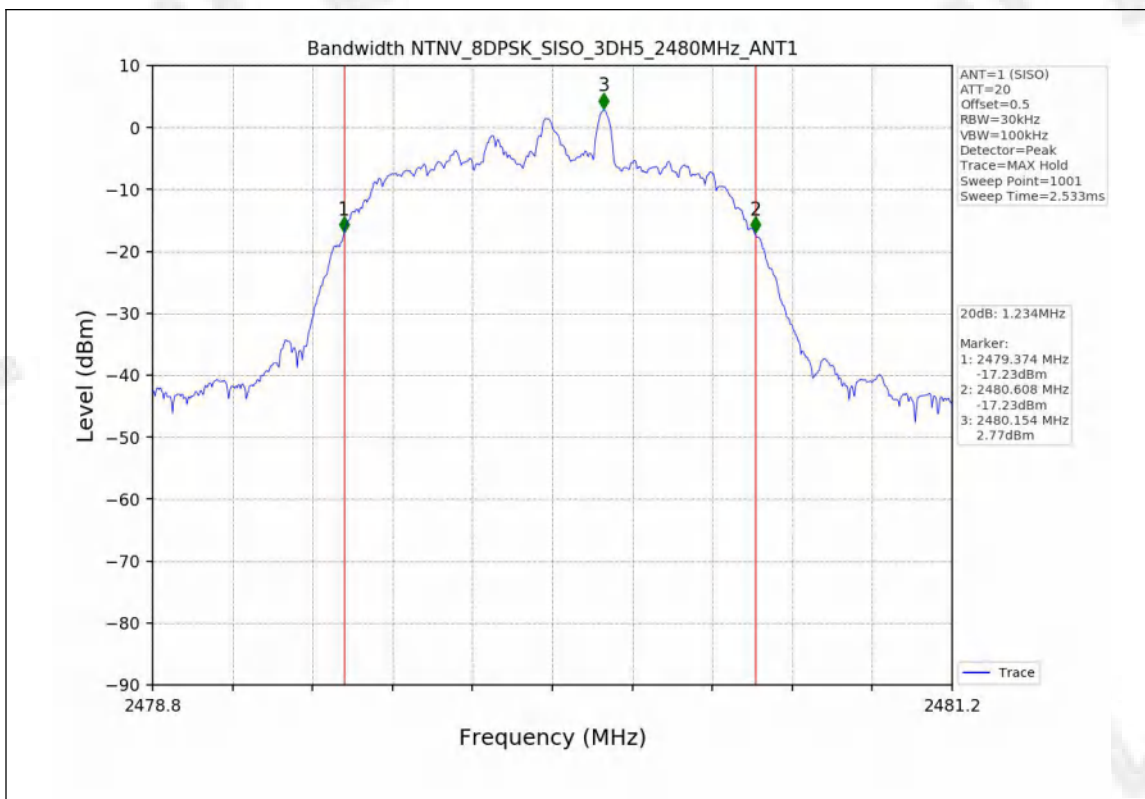
1.2 Test Graph - 20dB Bandwidth



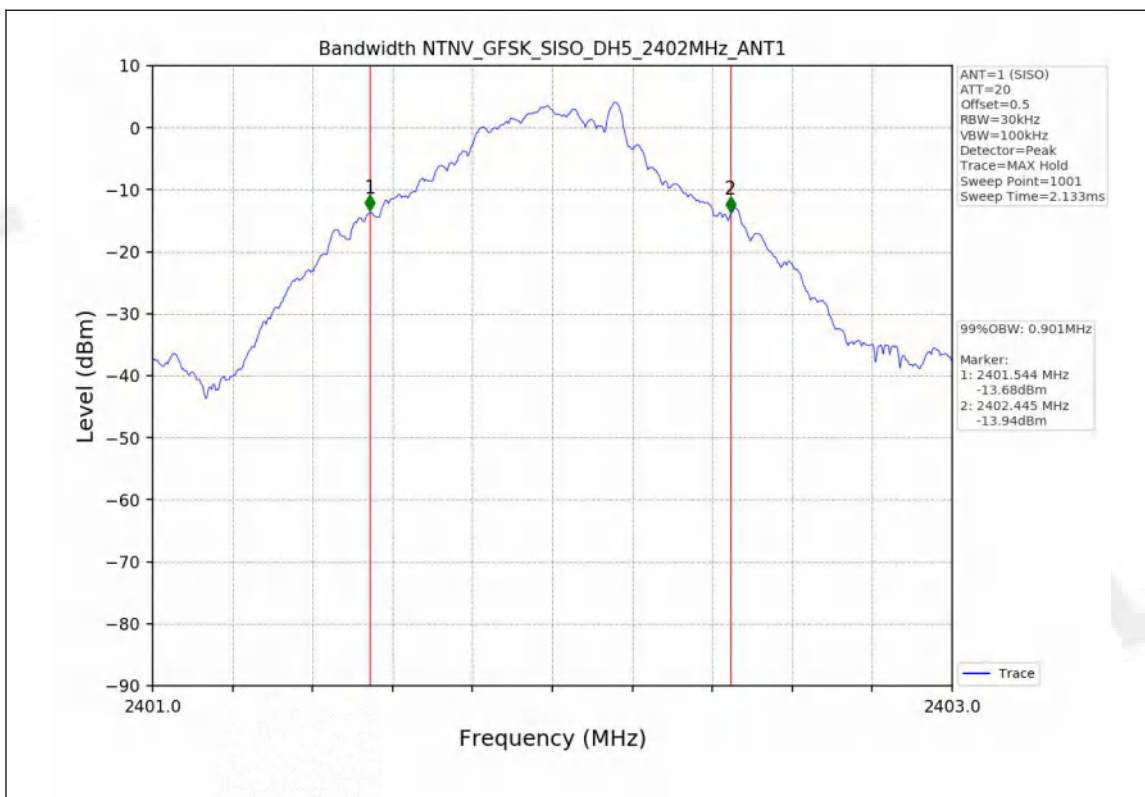


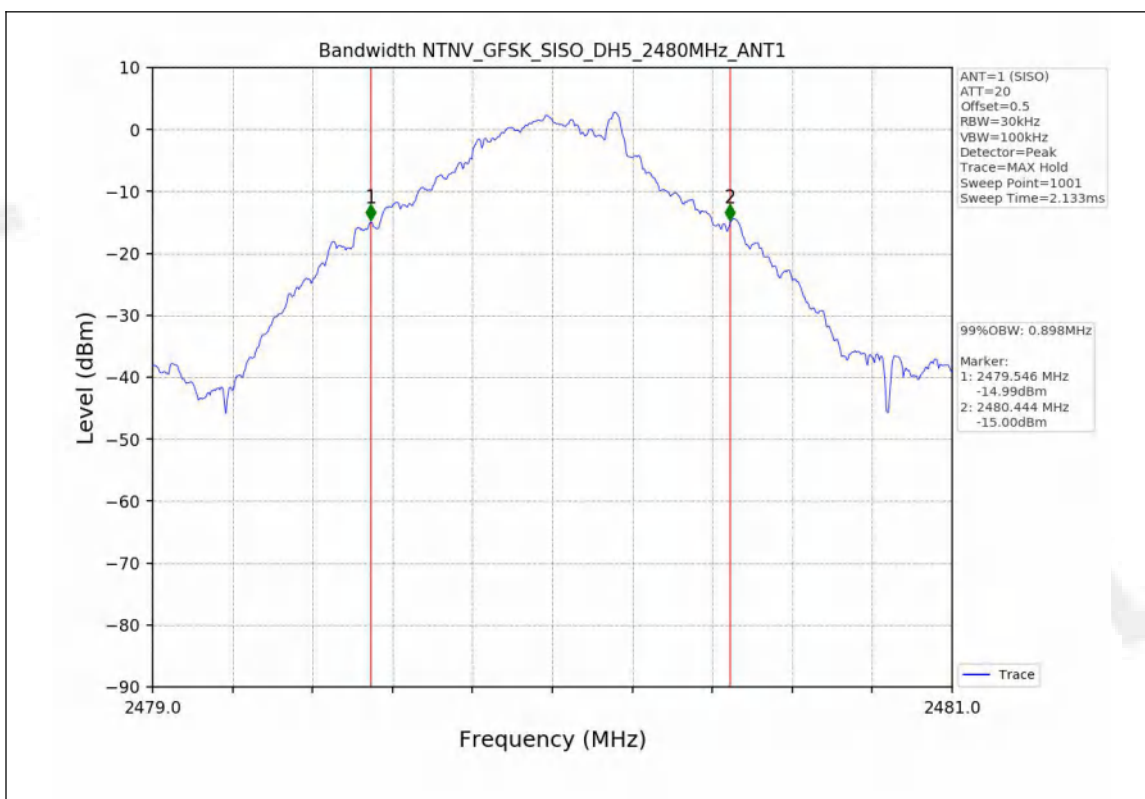
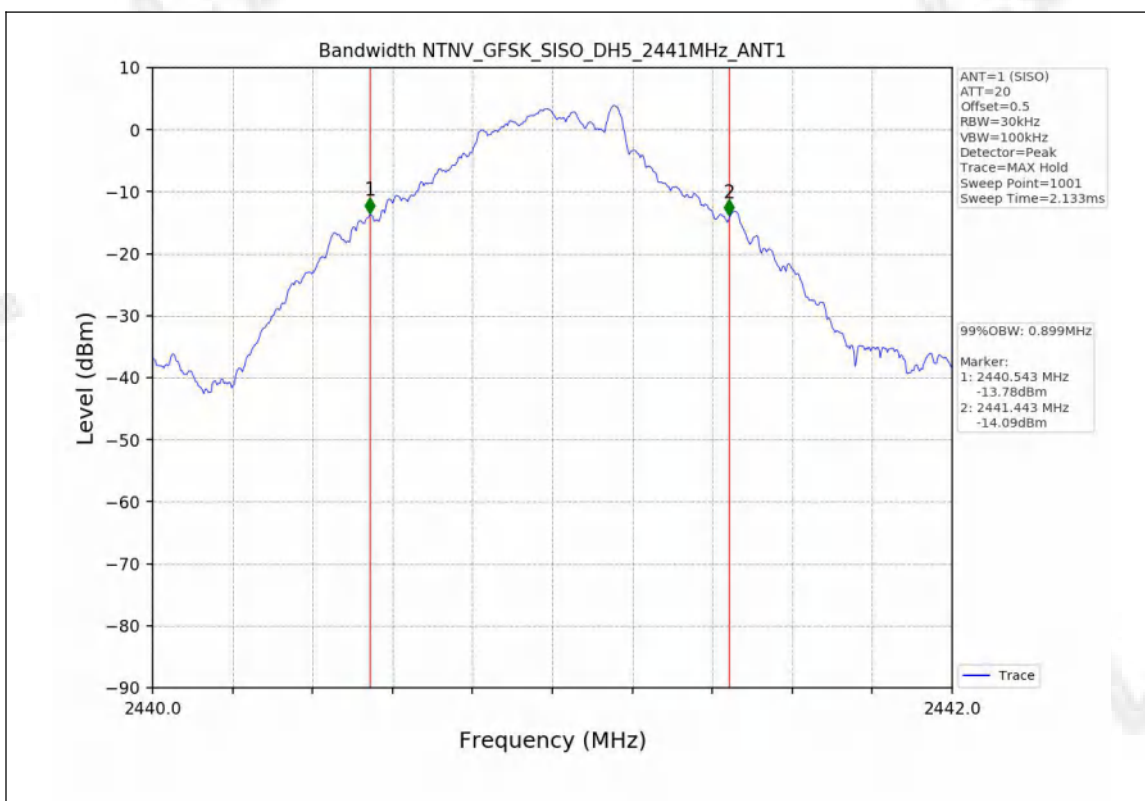


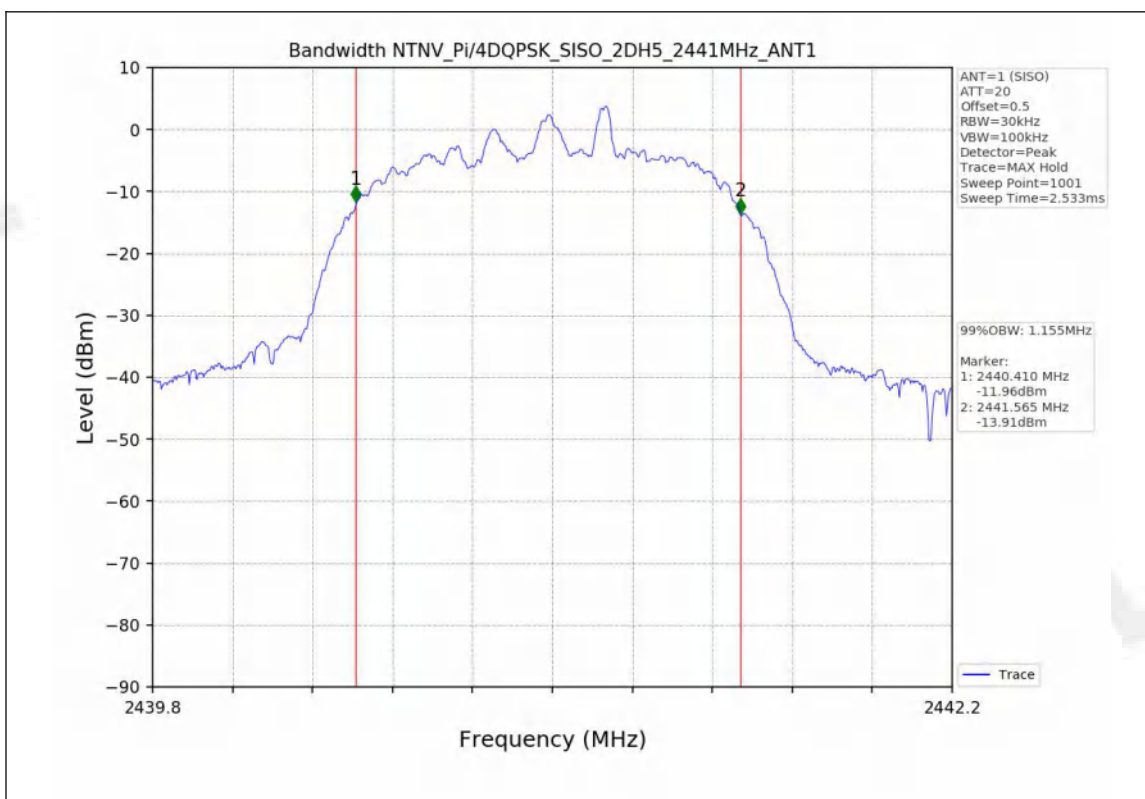
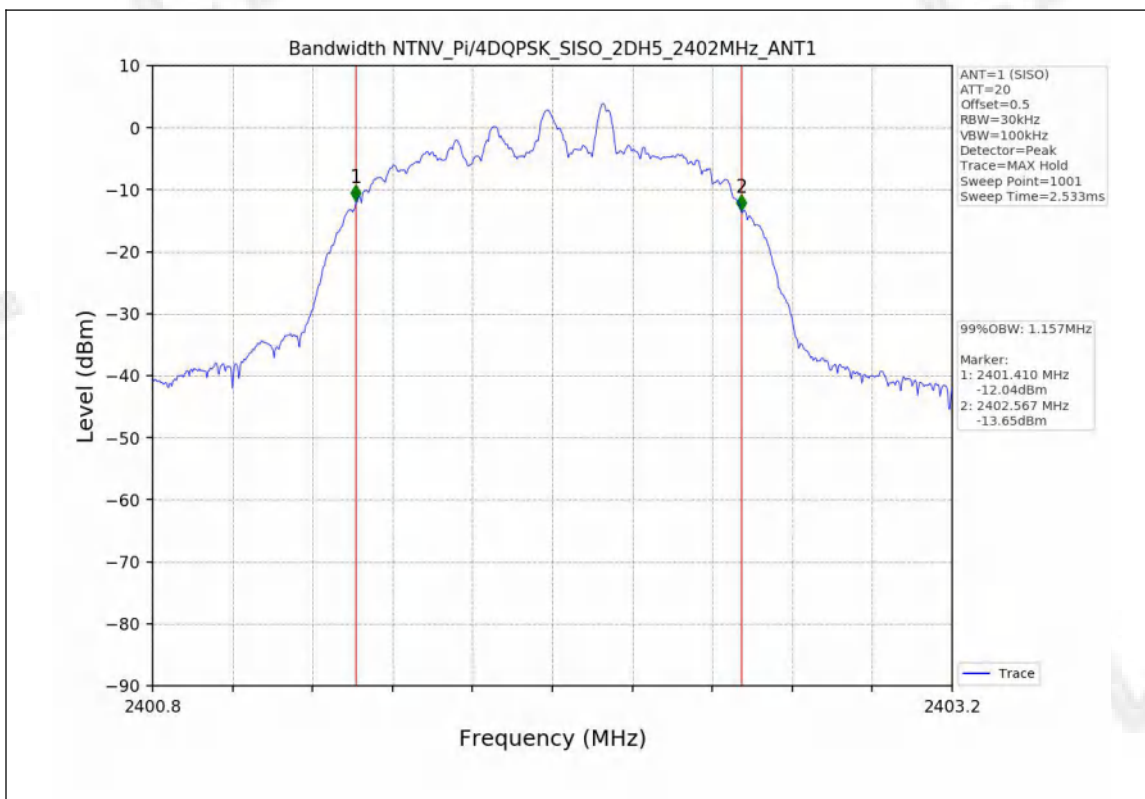


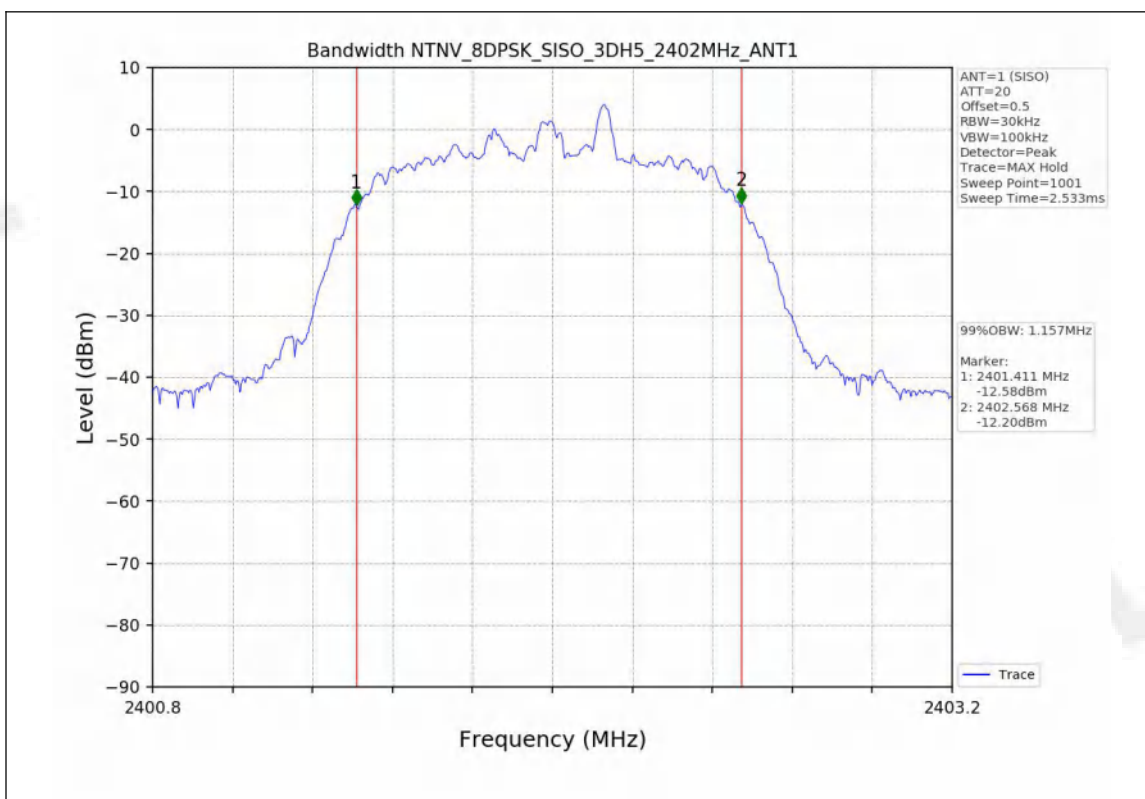
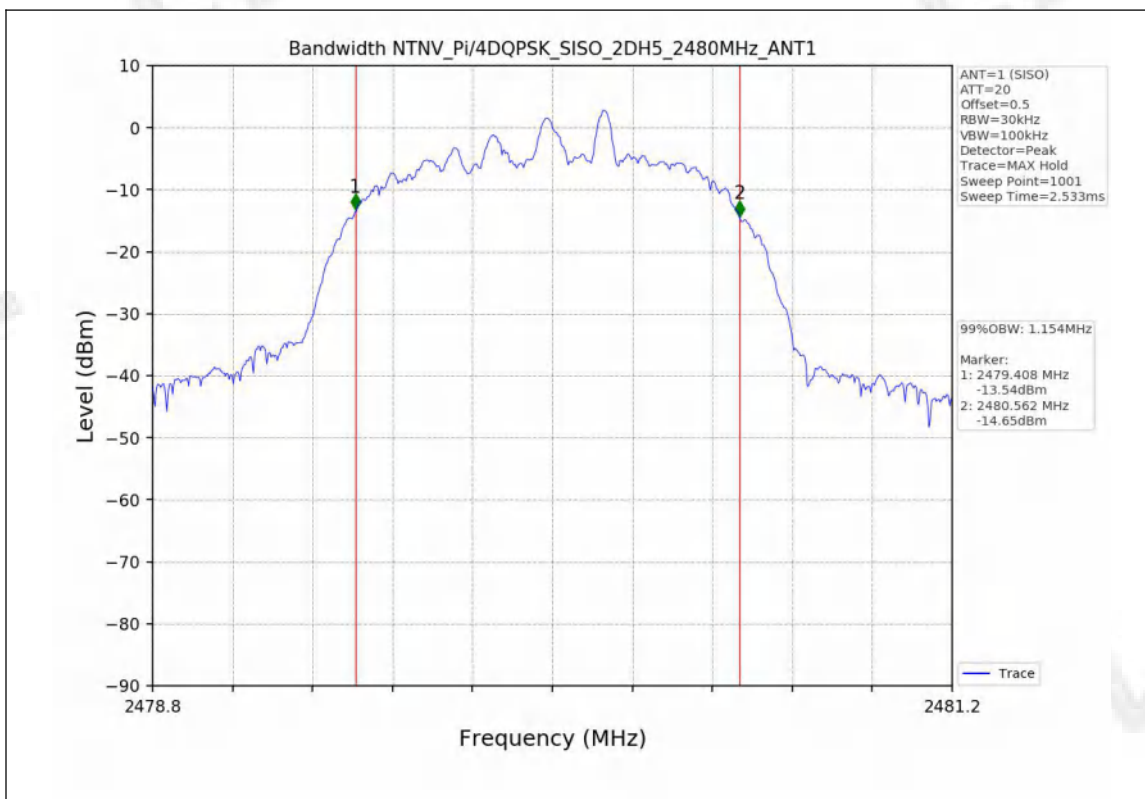


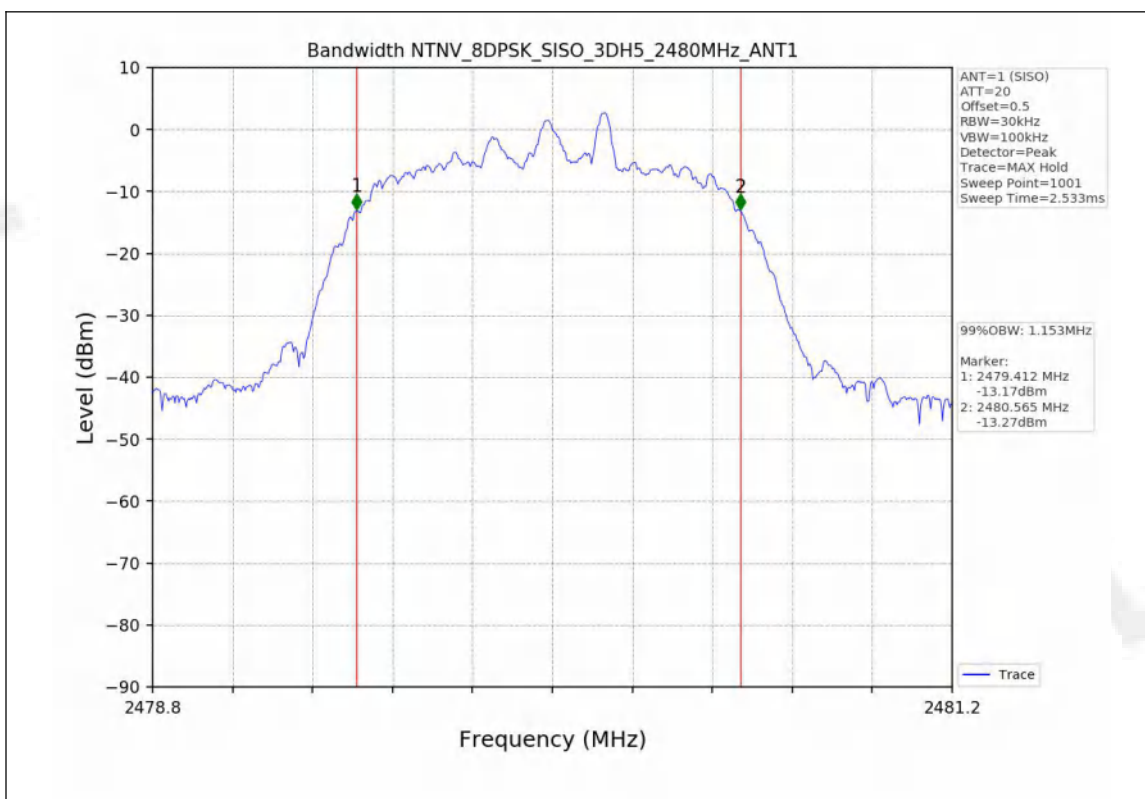
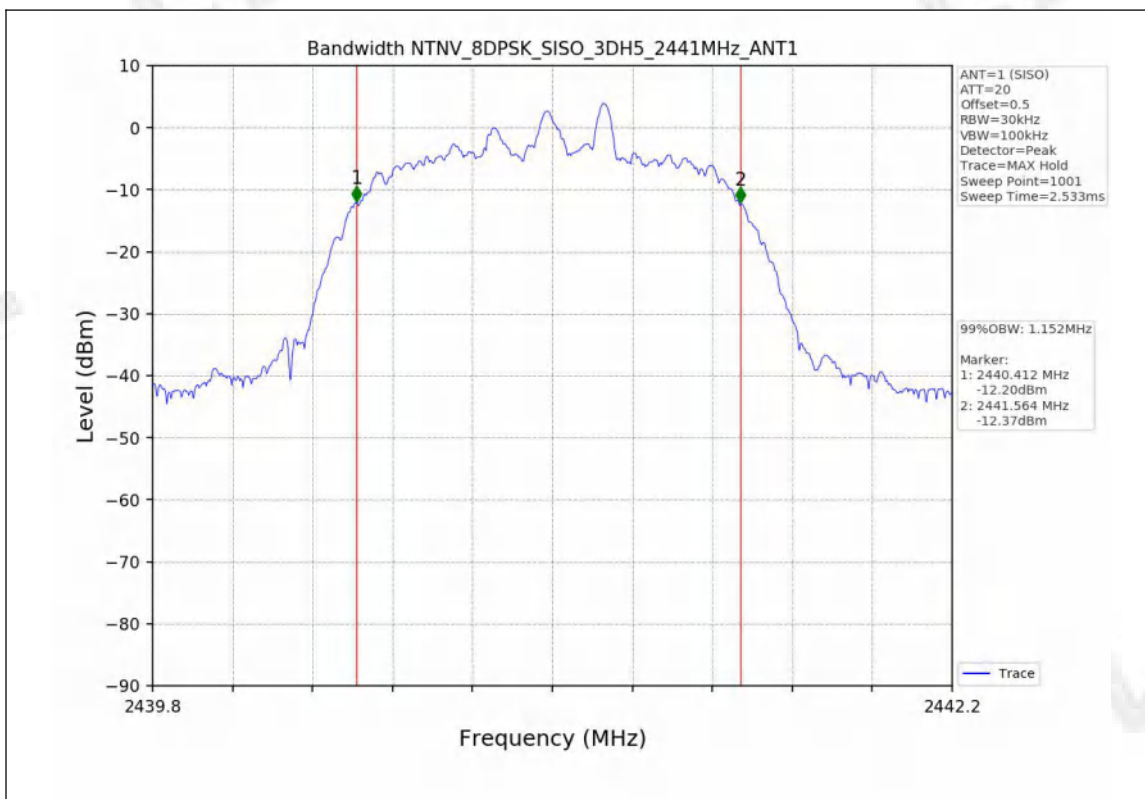
1.3 Test Graph - 99% Occupied Bandwidth









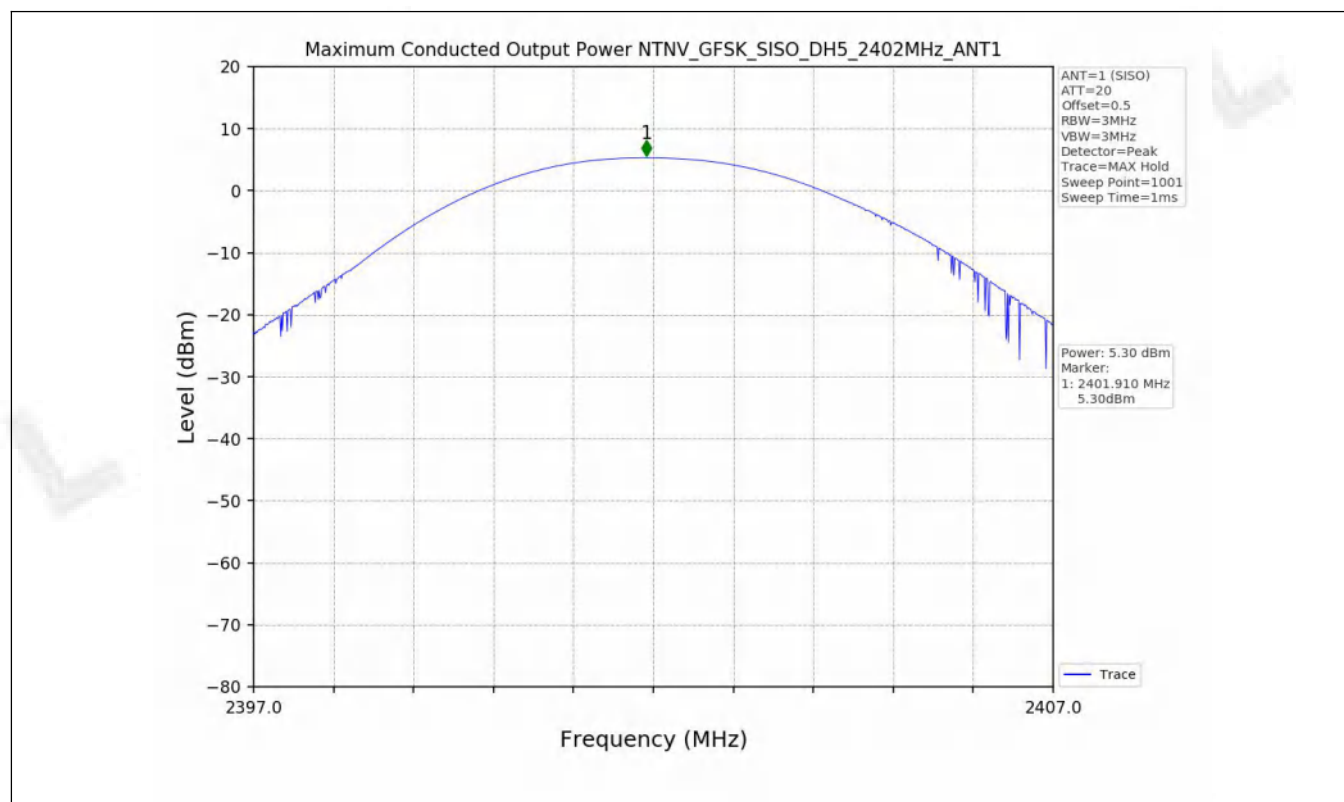


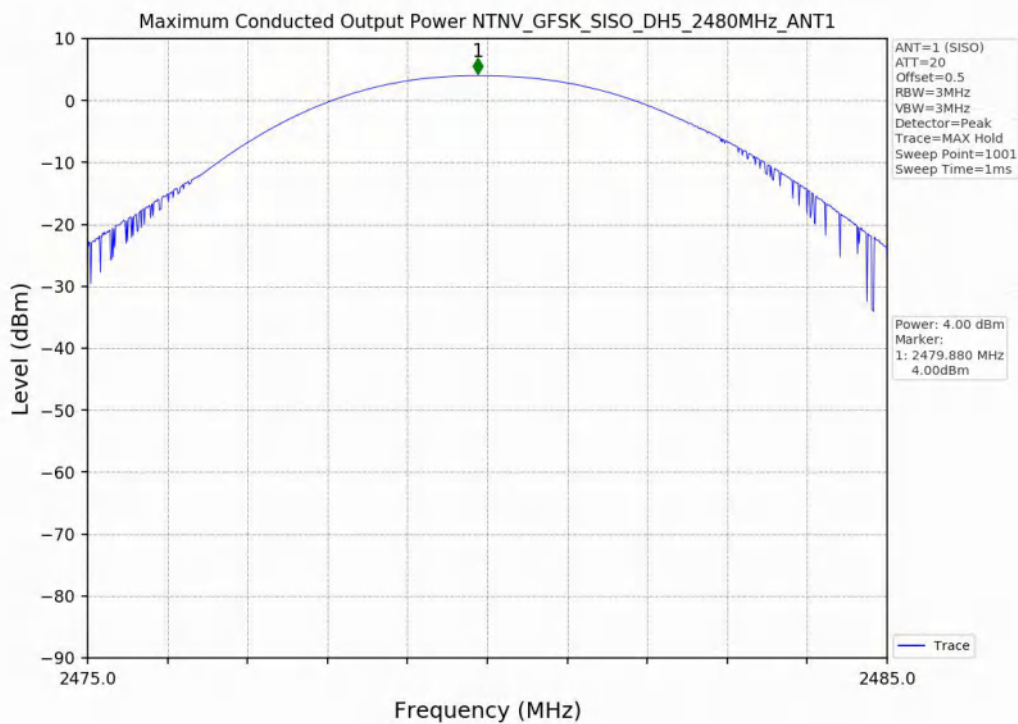
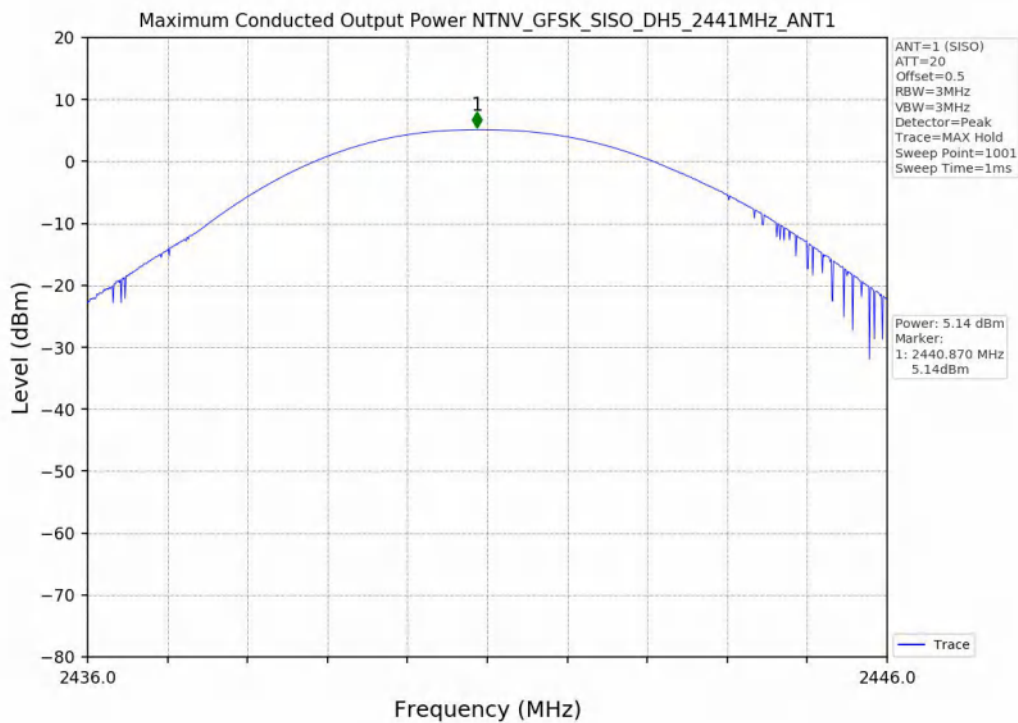
2. Maximum Conducted Output Power

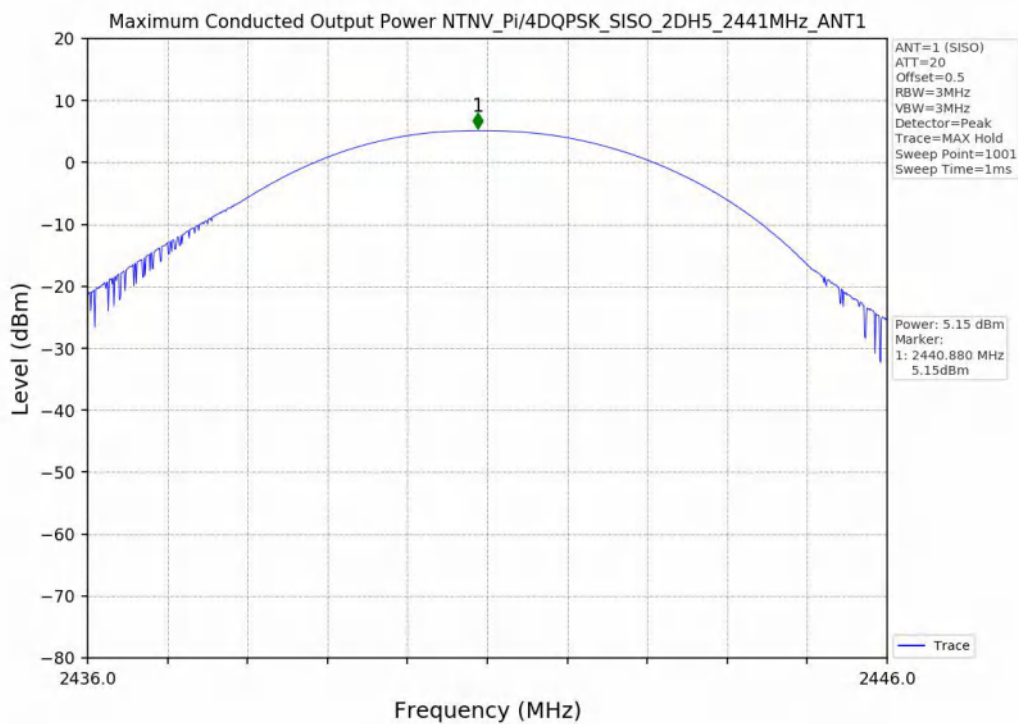
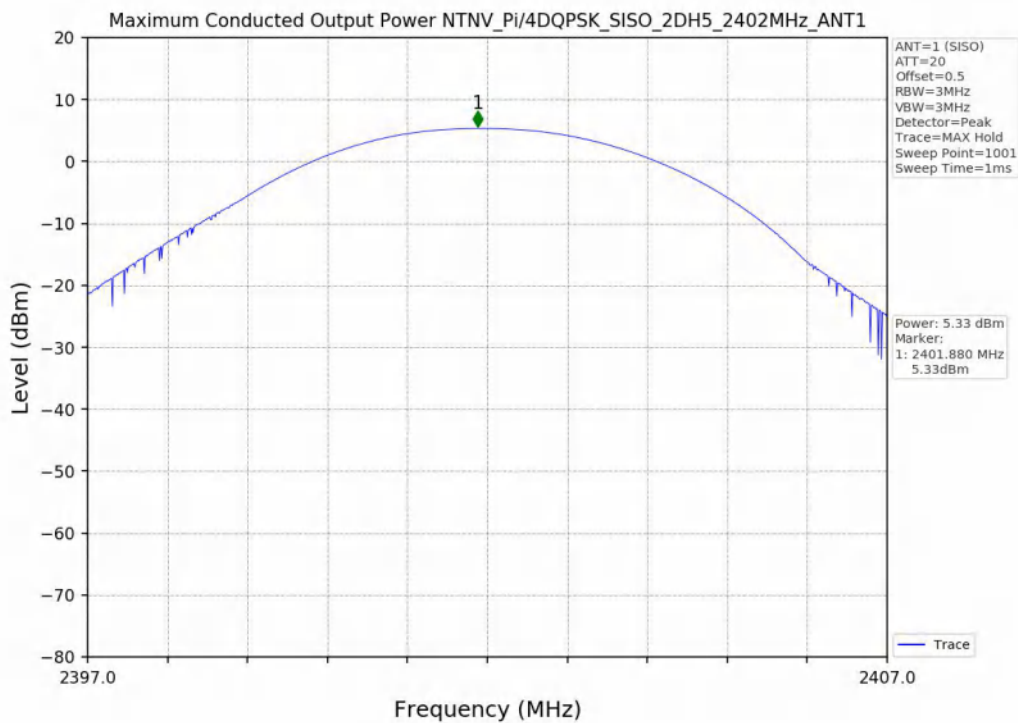
2.1 Test Result

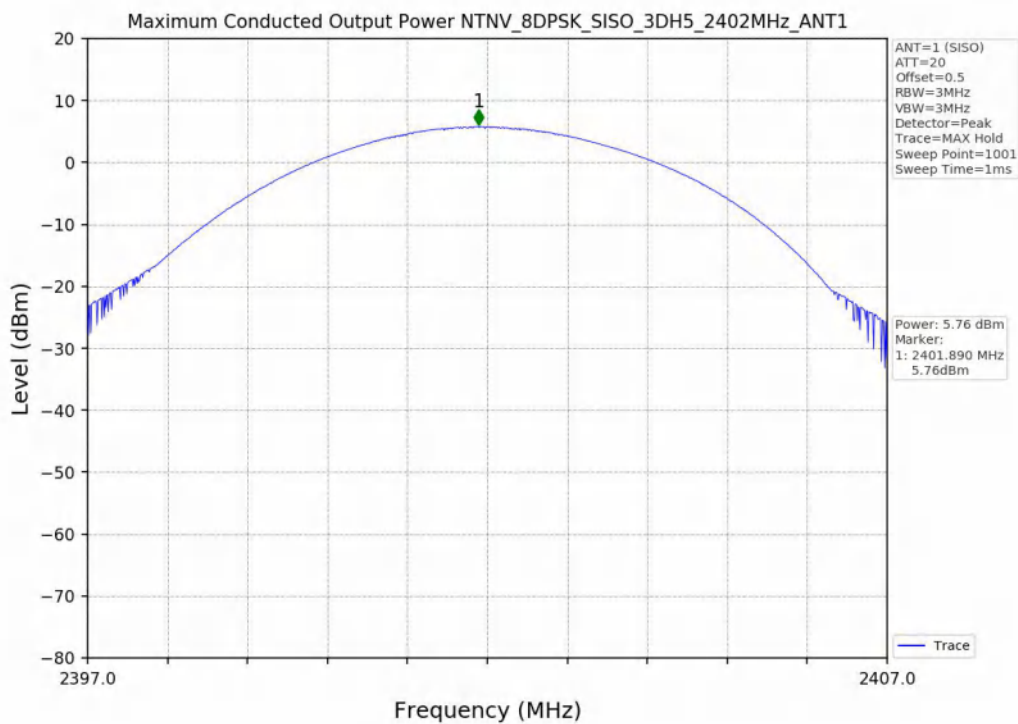
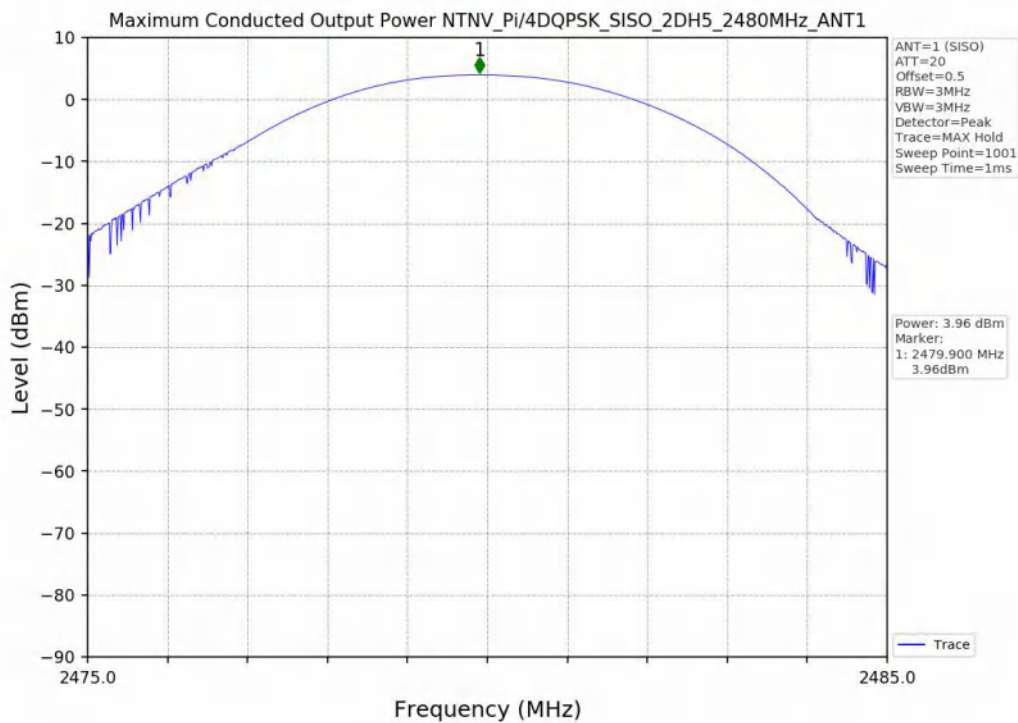
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	5.30	30	PASS
	2441	SISO	5.14	30	PASS
	2480	SISO	4.00	30	PASS
Pi/4DQPSK	2402	SISO	5.33	20.97	PASS
	2441	SISO	5.15	20.97	PASS
	2480	SISO	3.96	20.97	PASS
8DPSK	2402	SISO	5.76	20.97	PASS
	2441	SISO	5.61	20.97	PASS
	2480	SISO	4.50	20.97	PASS

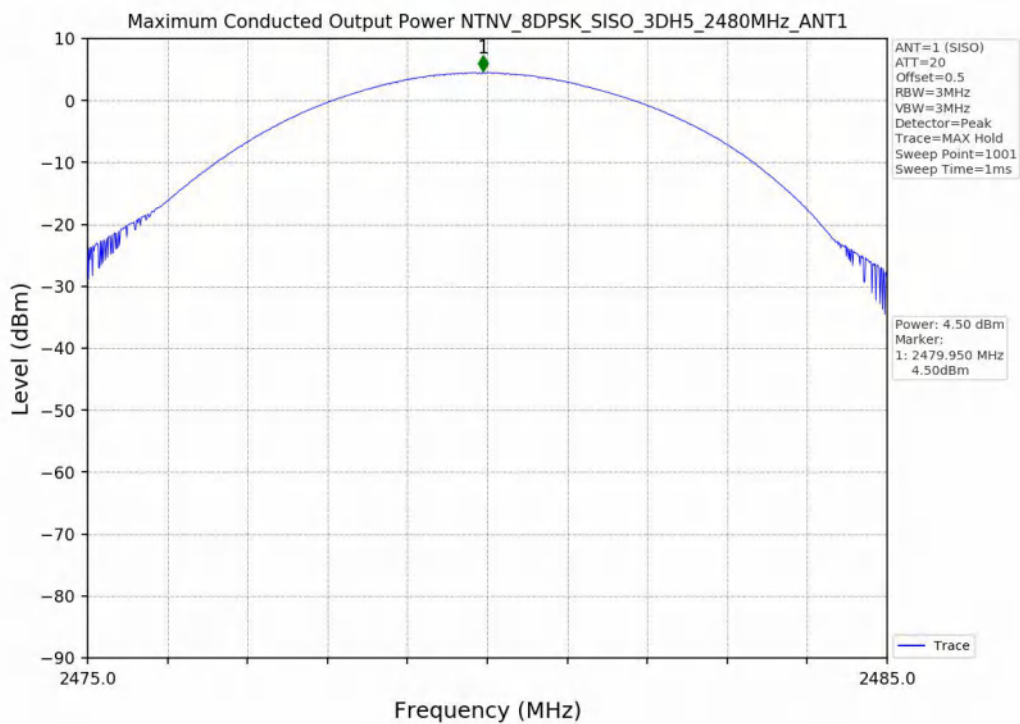
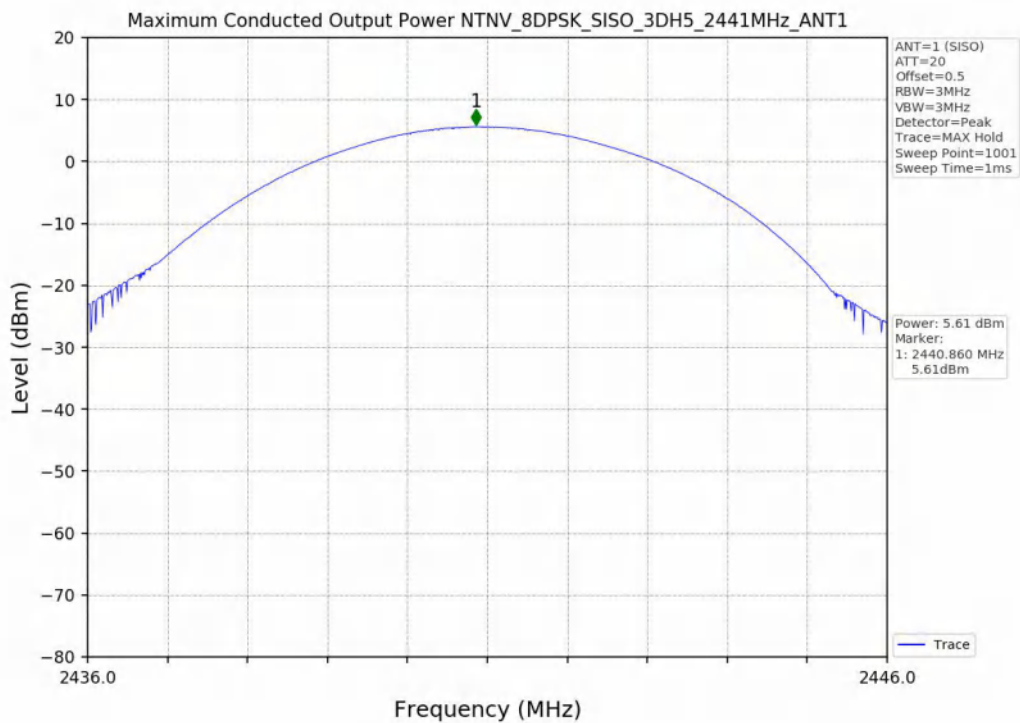
2.2 Test Graph









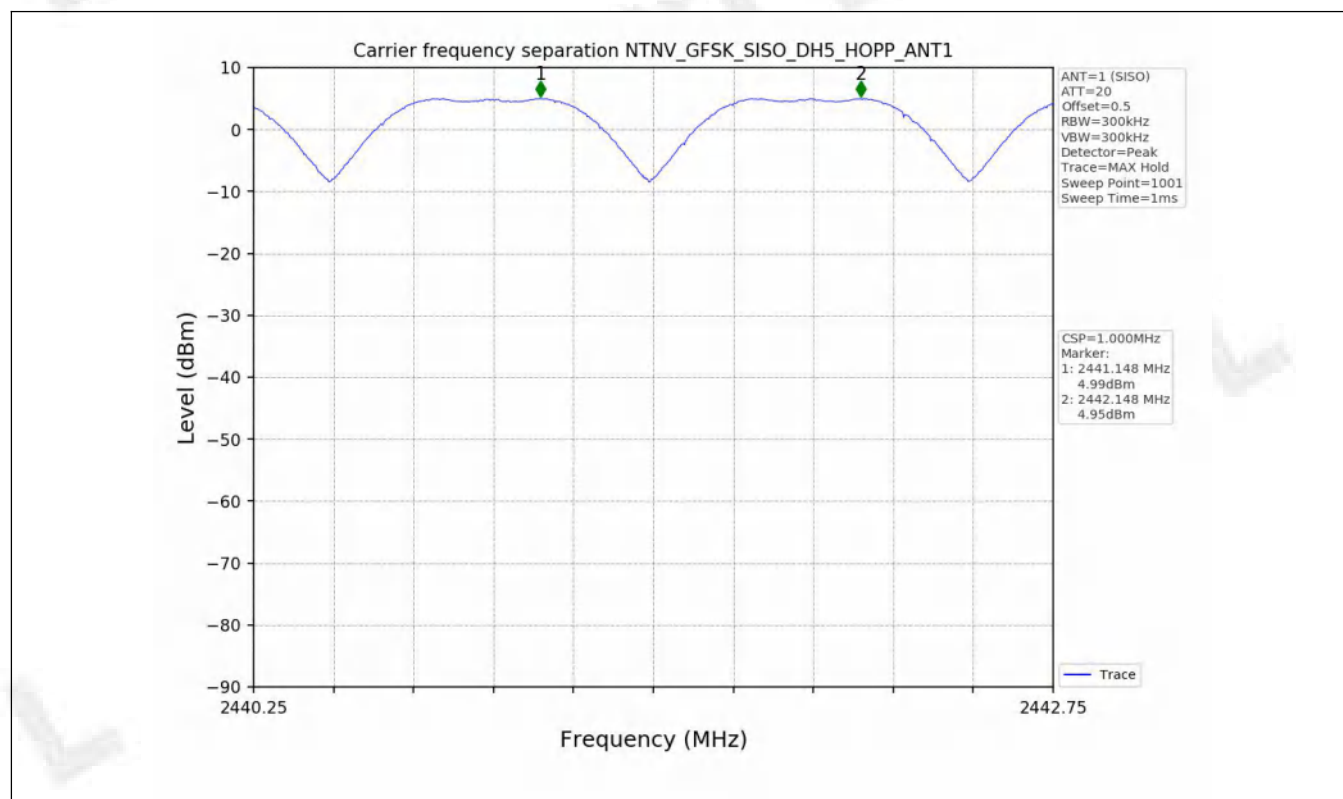


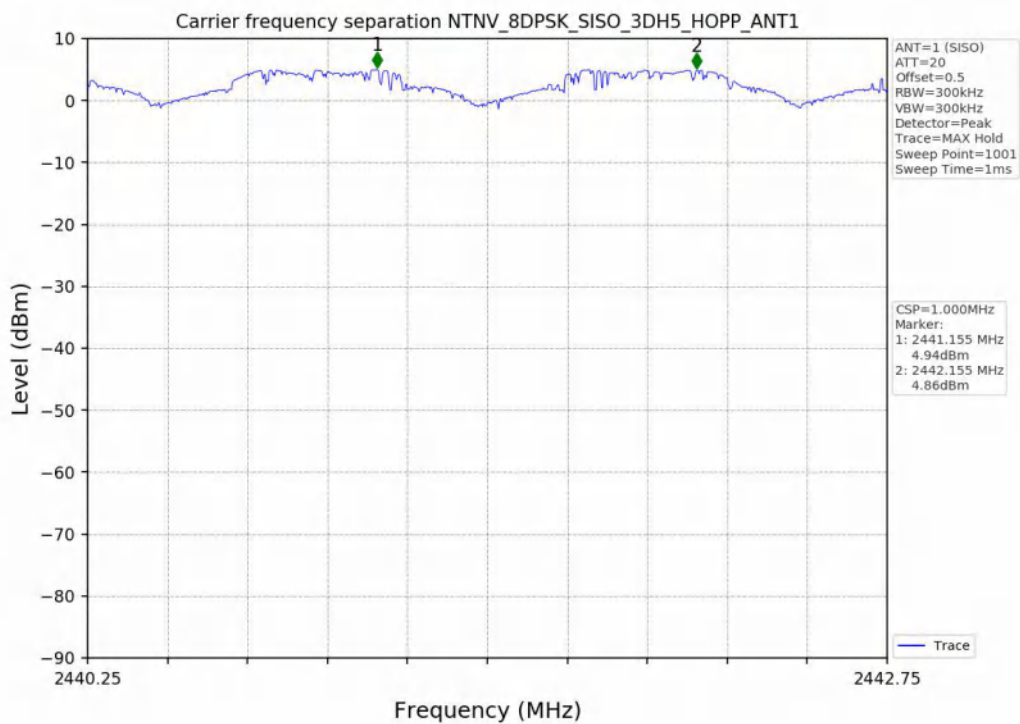
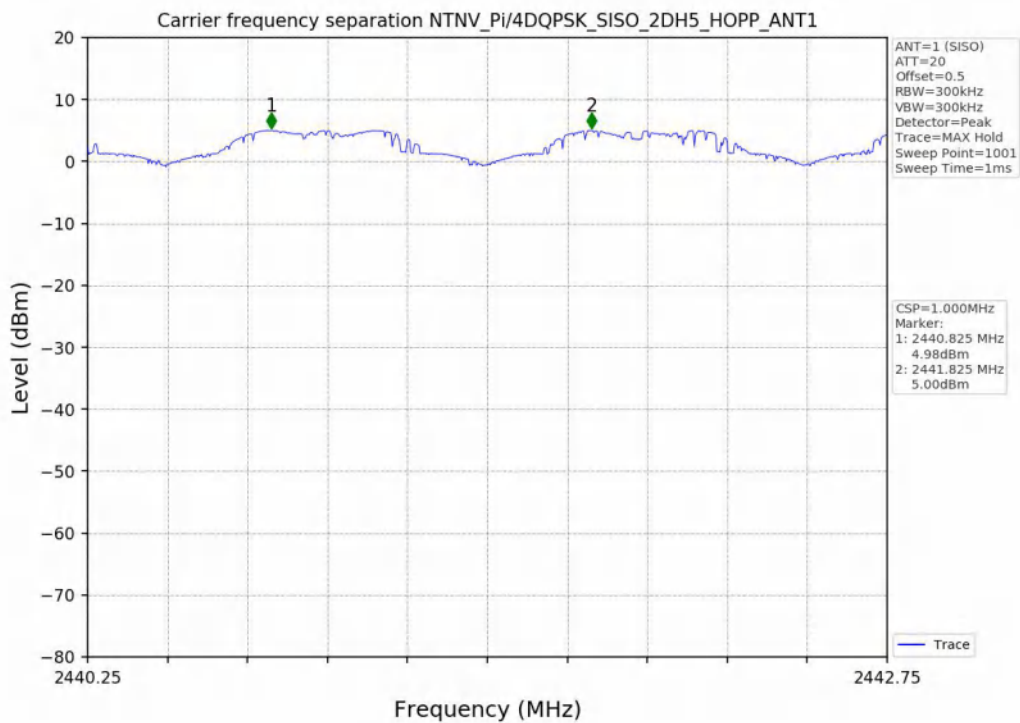
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	0.979	≥ 0.979	PASS
PI/4DQPSK	SISO	1	1.000	1.252	≥ 0.835	PASS
8DPSK	SISO	1	1.000	1.235	≥ 0.823	PASS

3.2 Test Graph



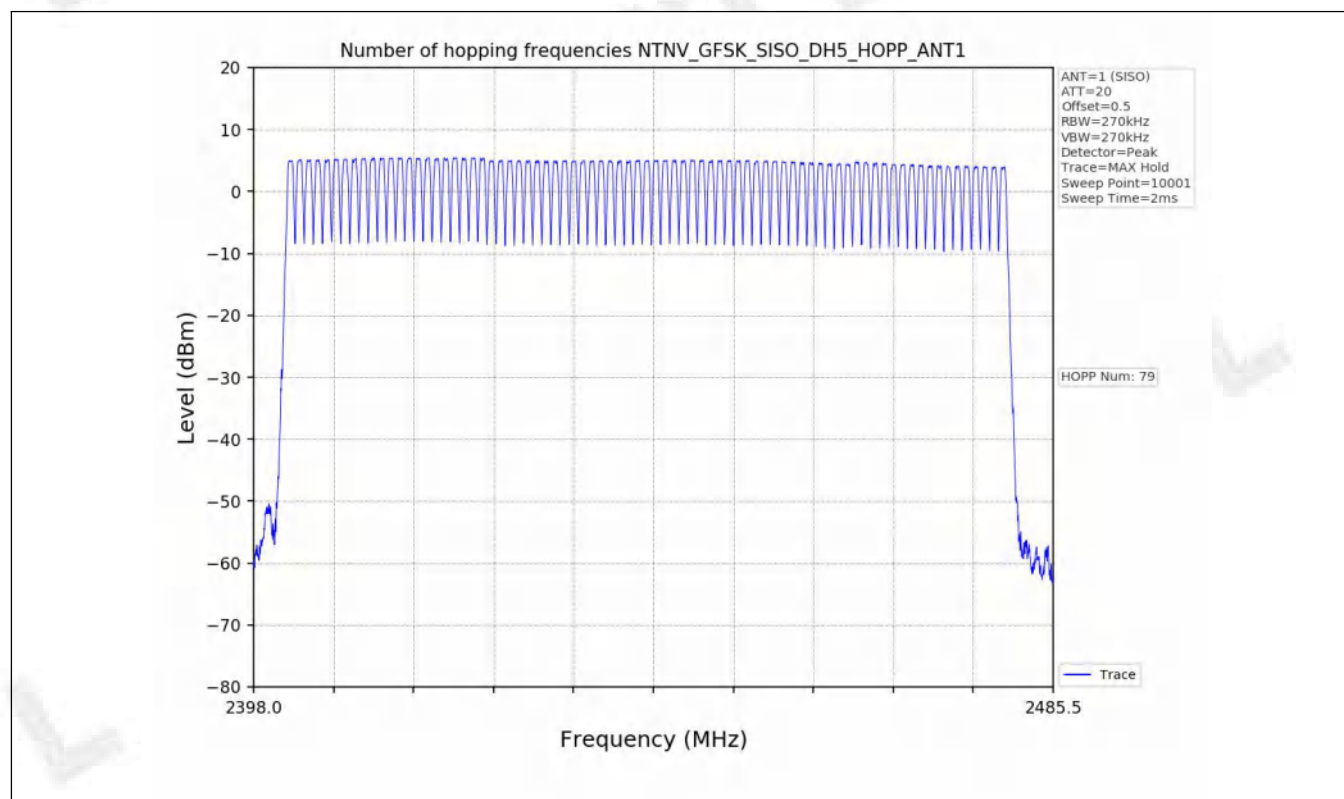


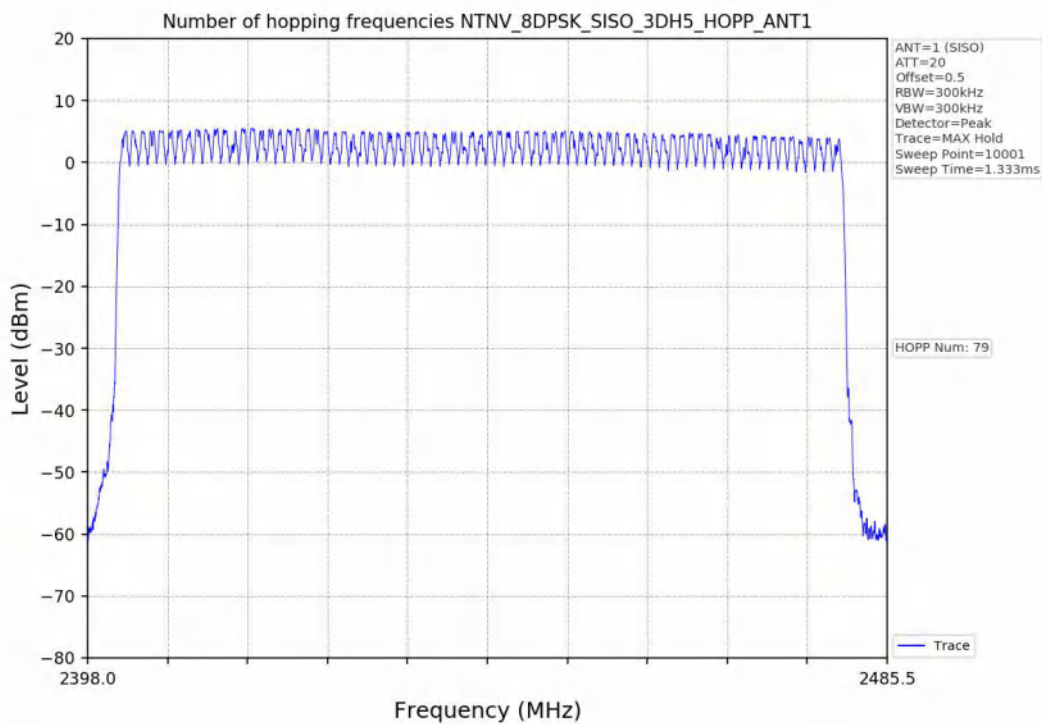
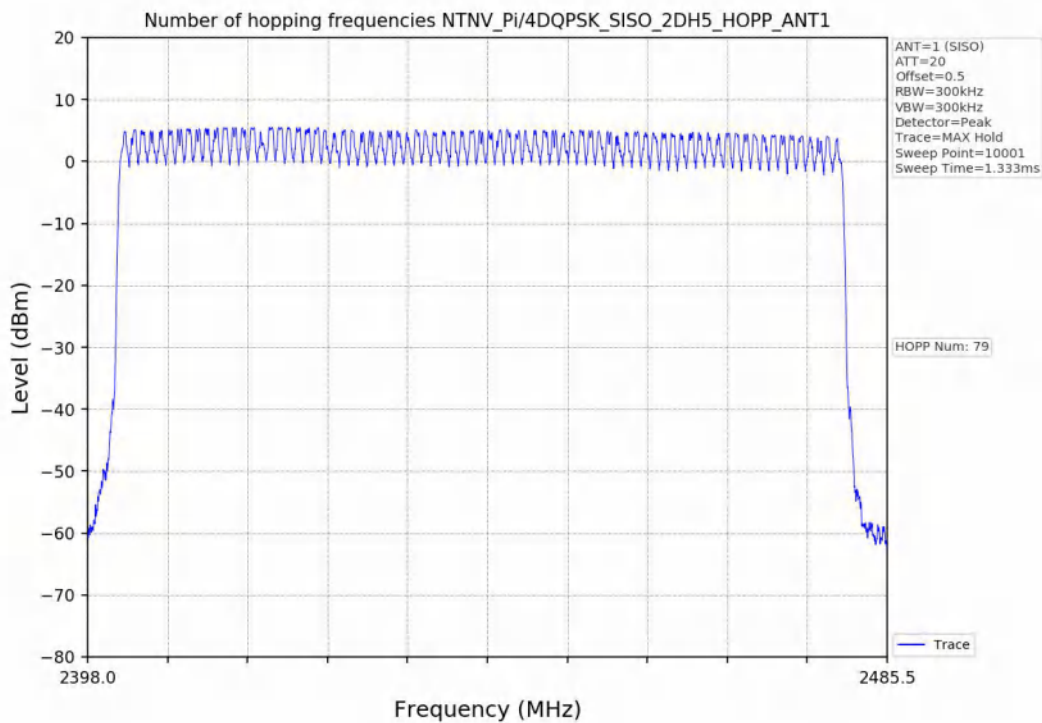
4. Number of hopping frequencies

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



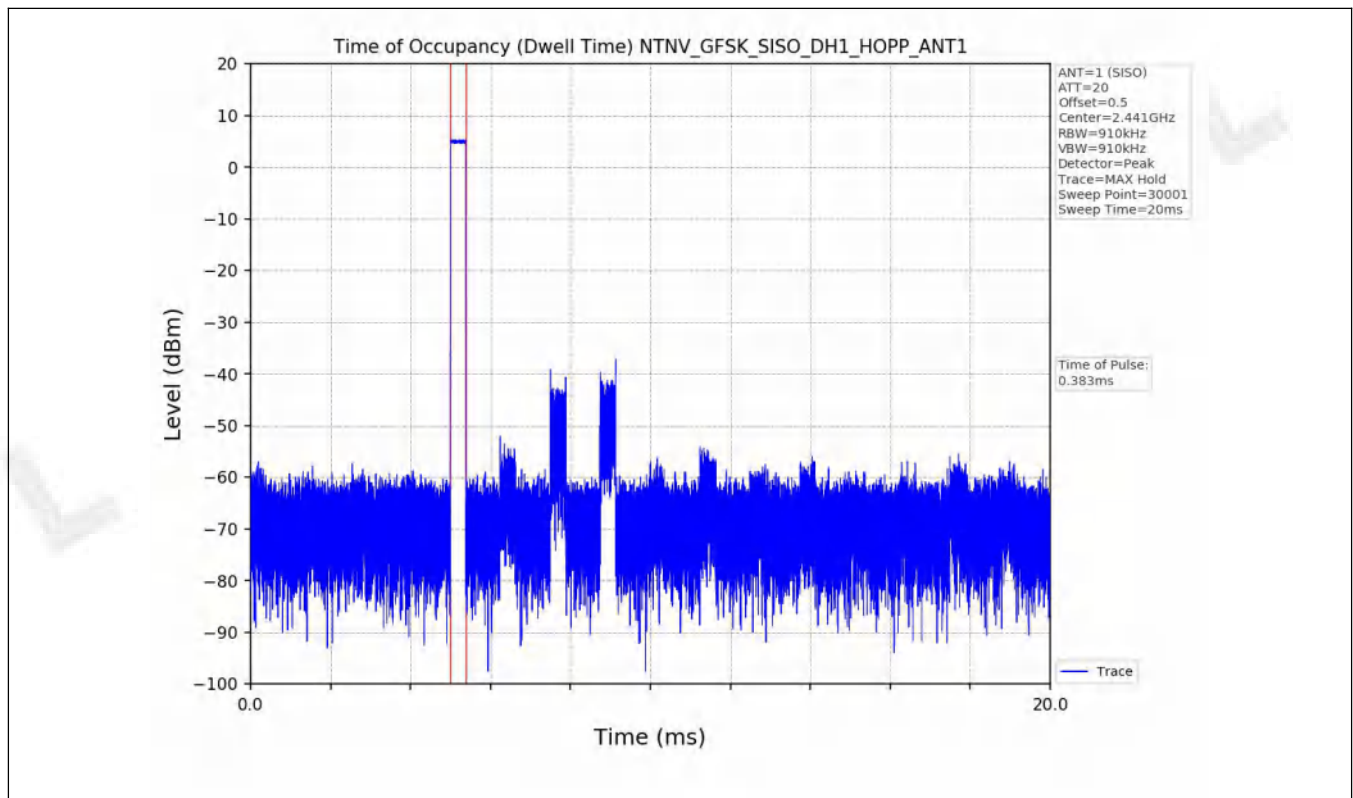


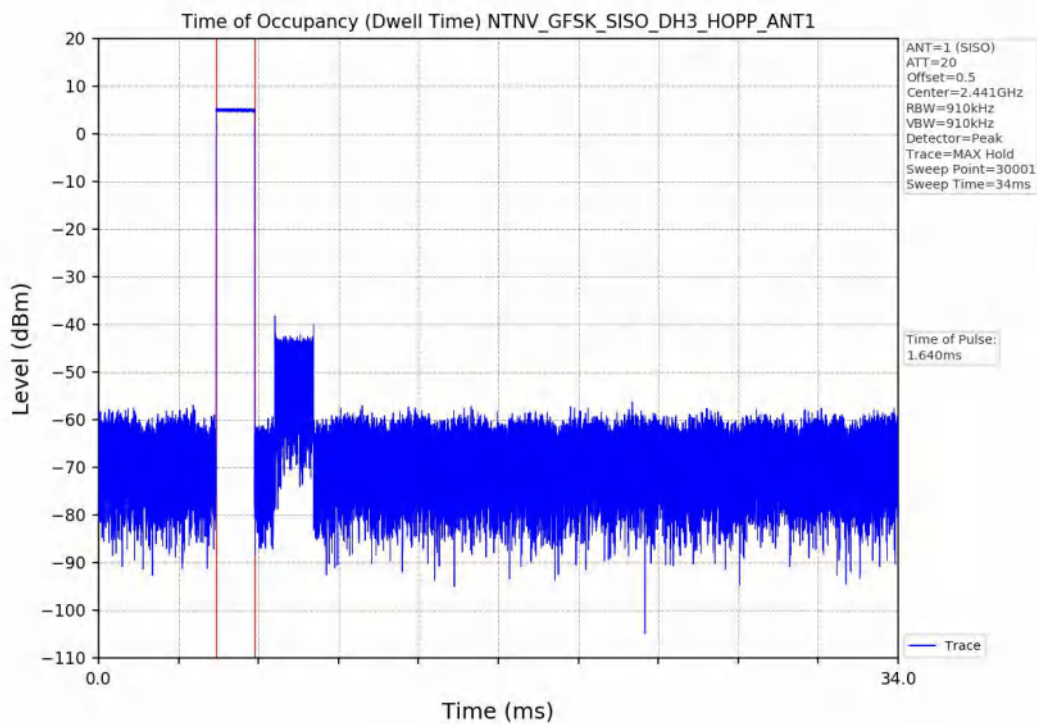
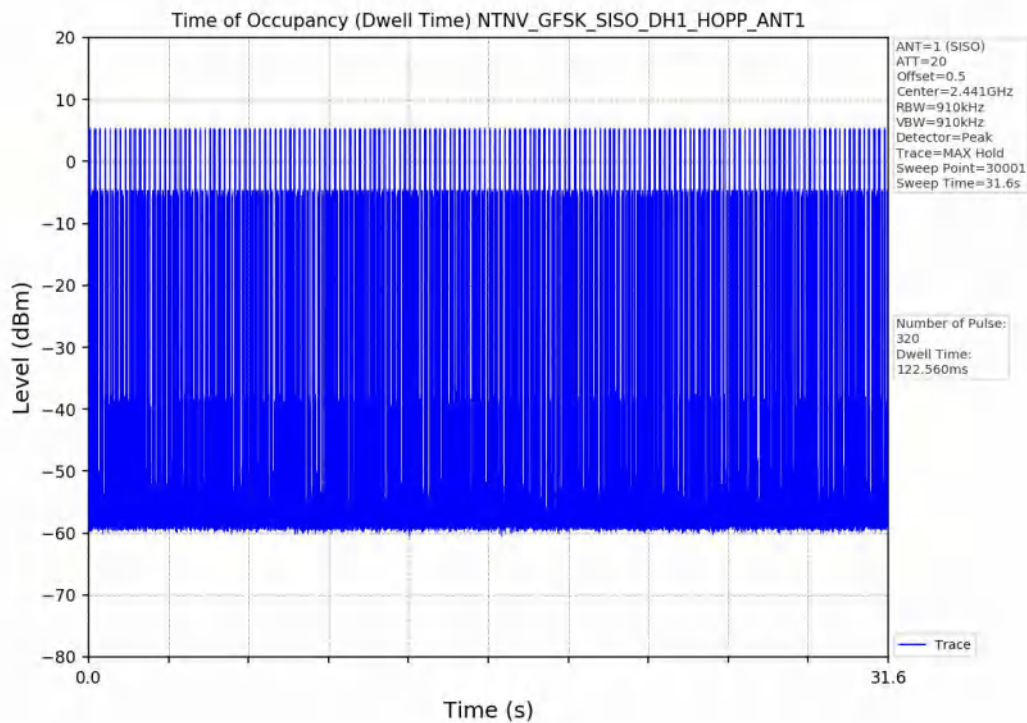
5. Time of Occupancy (Dwell Time)

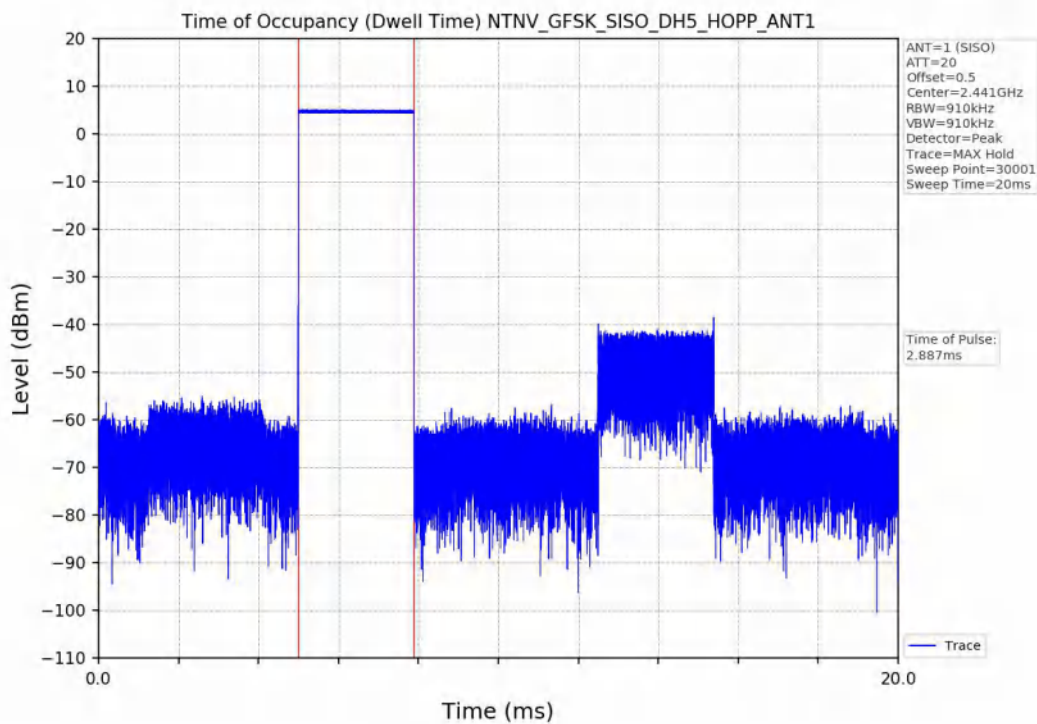
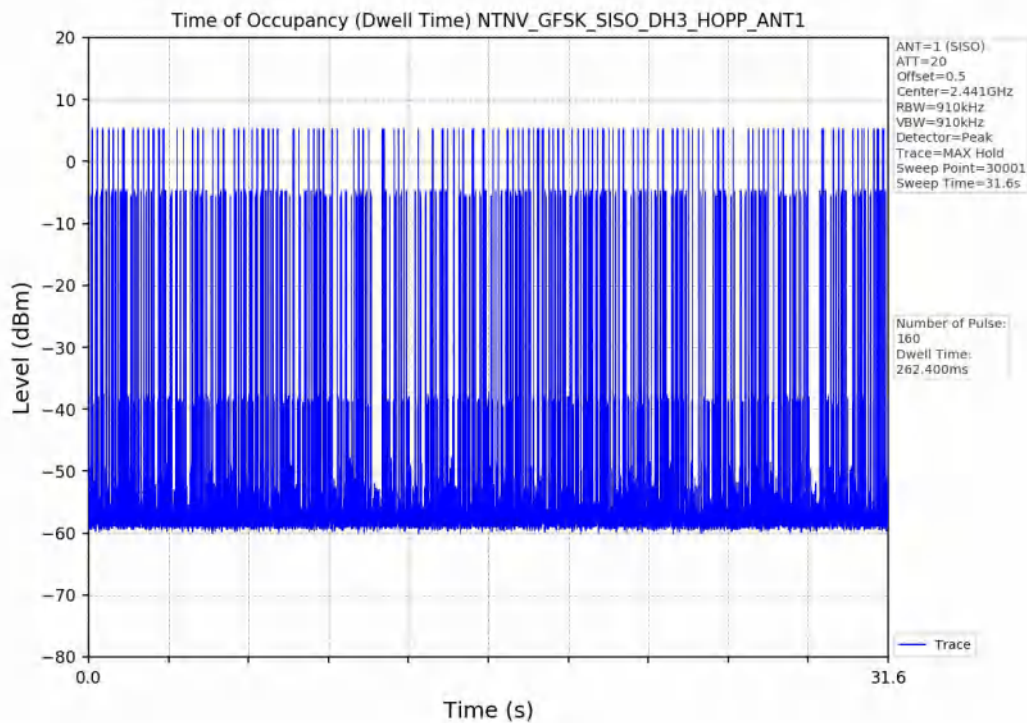
5.1 Test Result

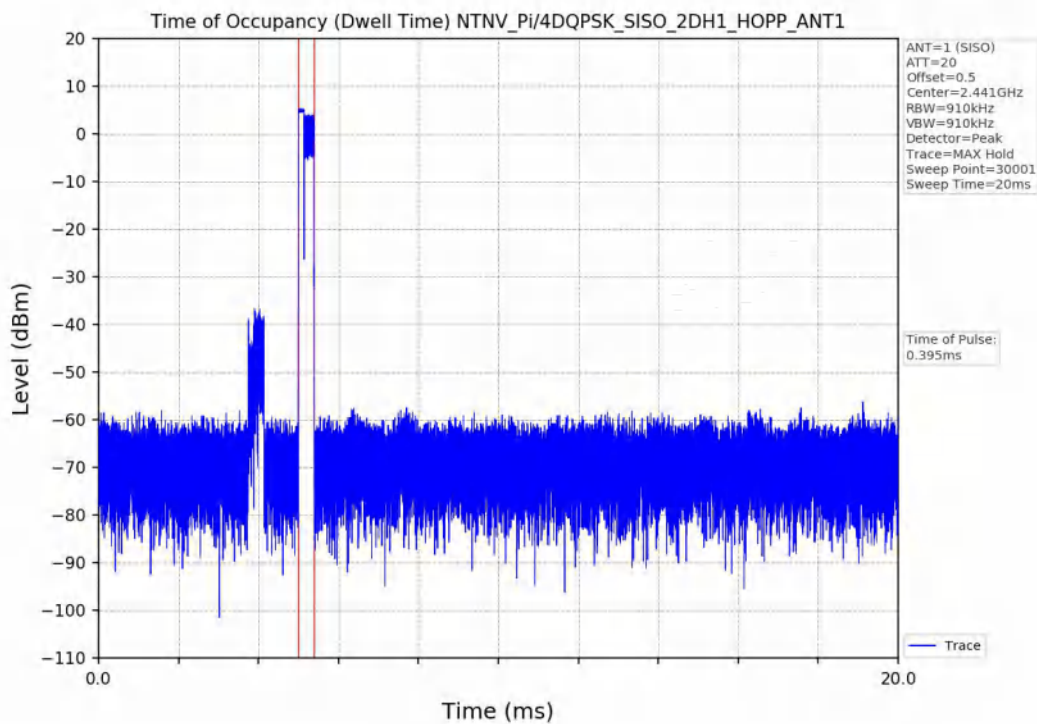
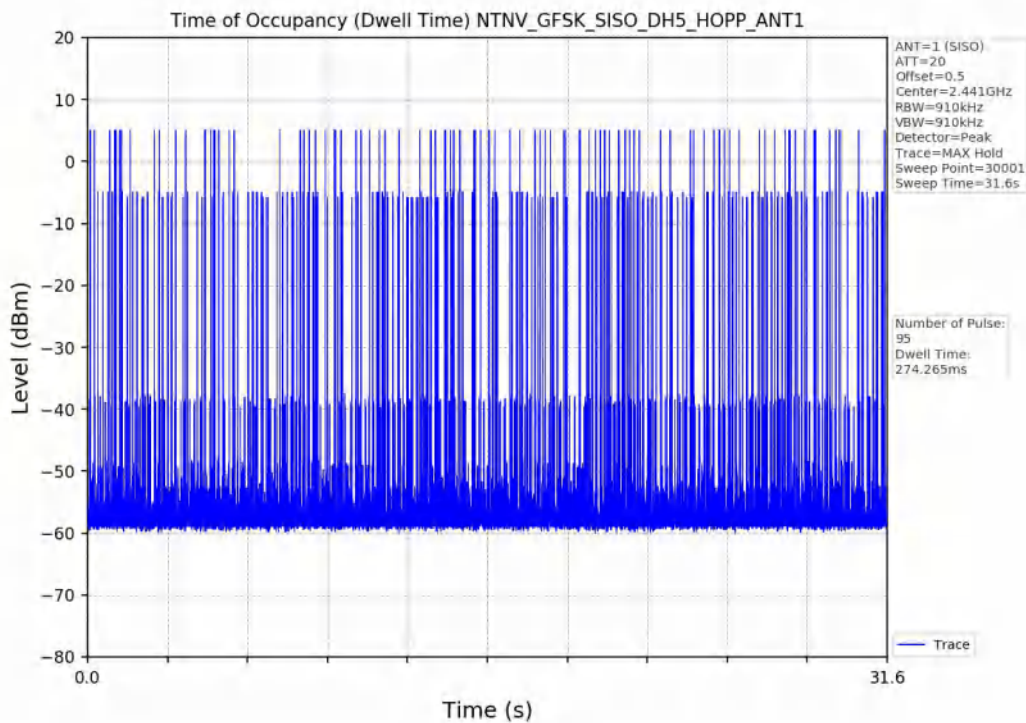
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.383	31.6	320	122.560	≤400	PASS
	DH3	SISO	1	1.640	31.6	160	262.400	≤400	PASS
	DH5	SISO	1	2.887	31.6	95	274.265	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.395	31.6	320	126.400	≤400	PASS
	2DH3	SISO	1	1.646	31.6	172	283.112	≤400	PASS
	2DH5	SISO	1	2.893	31.6	116	335.588	≤400	PASS
8DPSK	3DH1	SISO	1	0.392	31.6	320	125.440	≤400	PASS
	3DH3	SISO	1	1.643	31.6	159	261.237	≤400	PASS
	3DH5	SISO	1	2.897	31.6	104	301.288	≤400	PASS

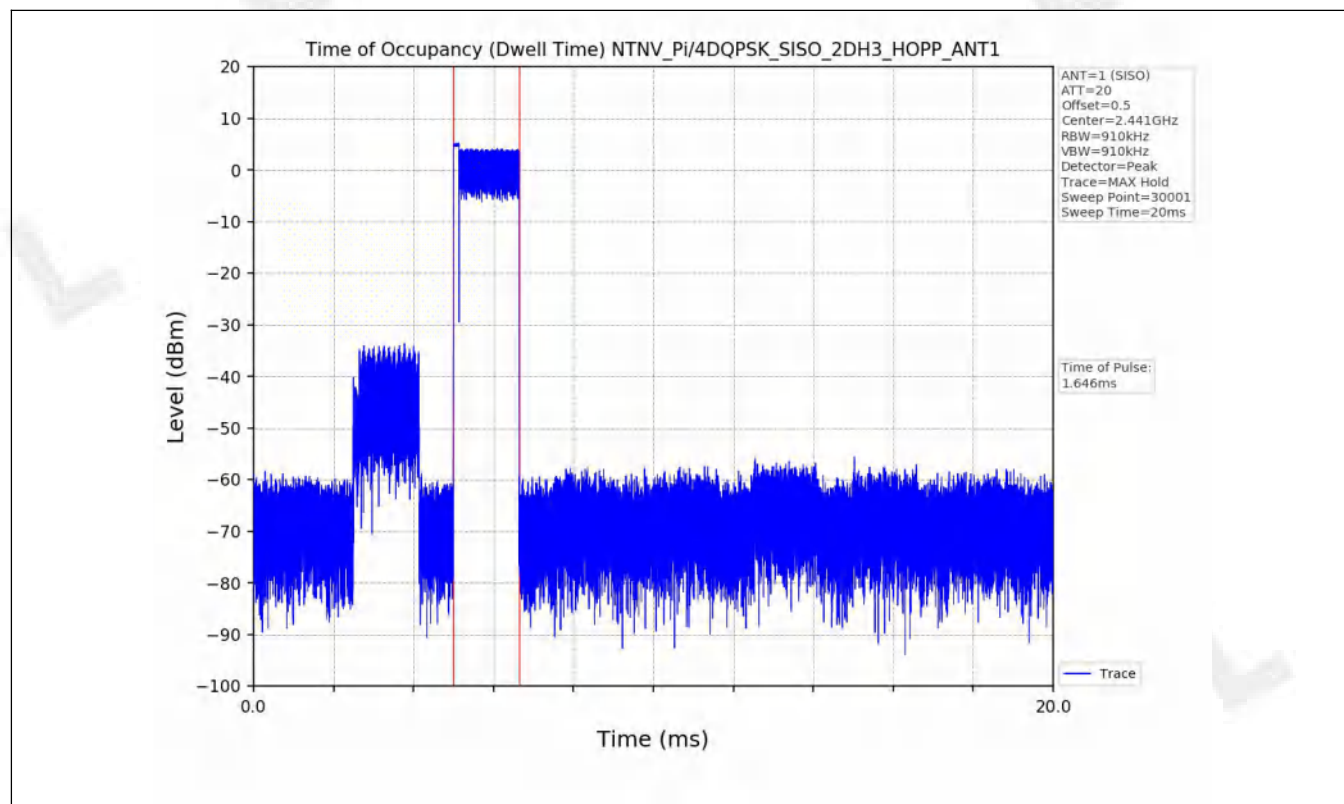
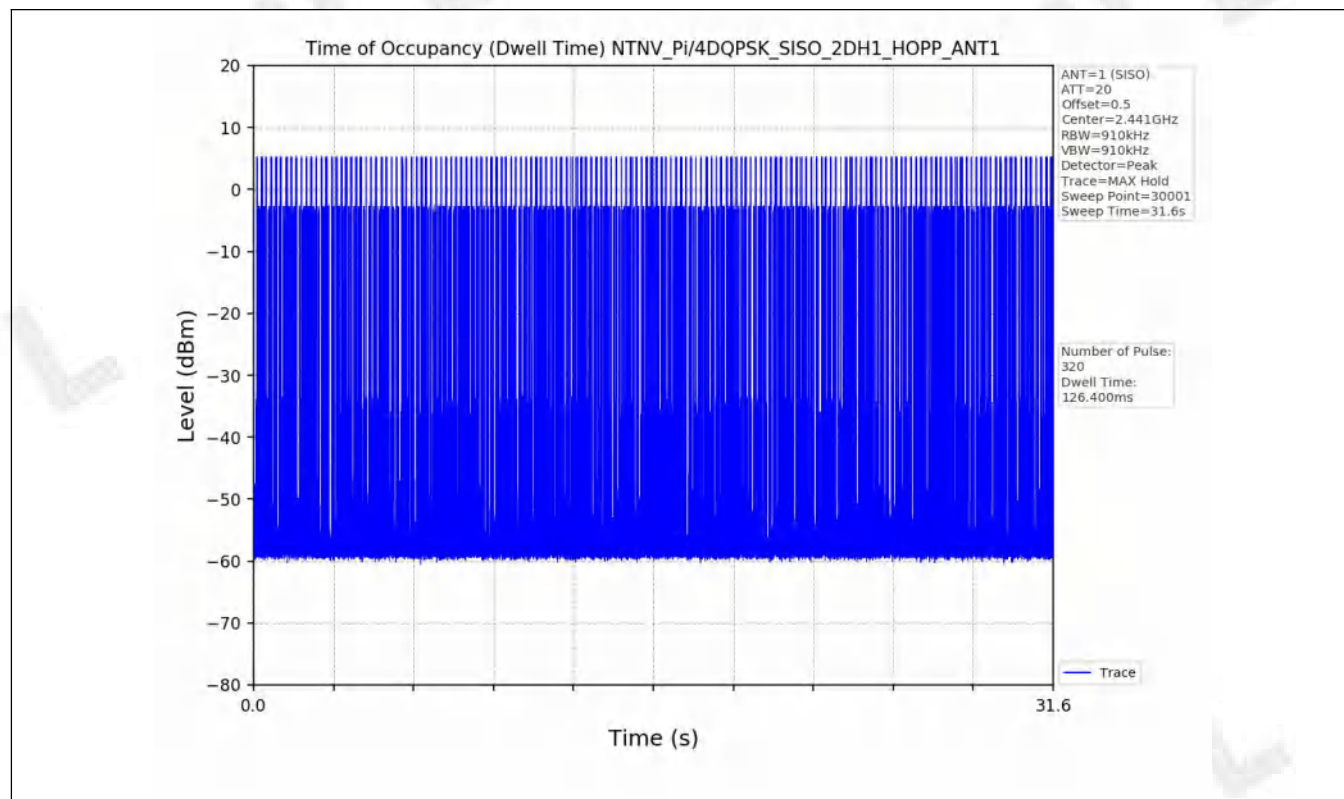
5.2 Test Graph

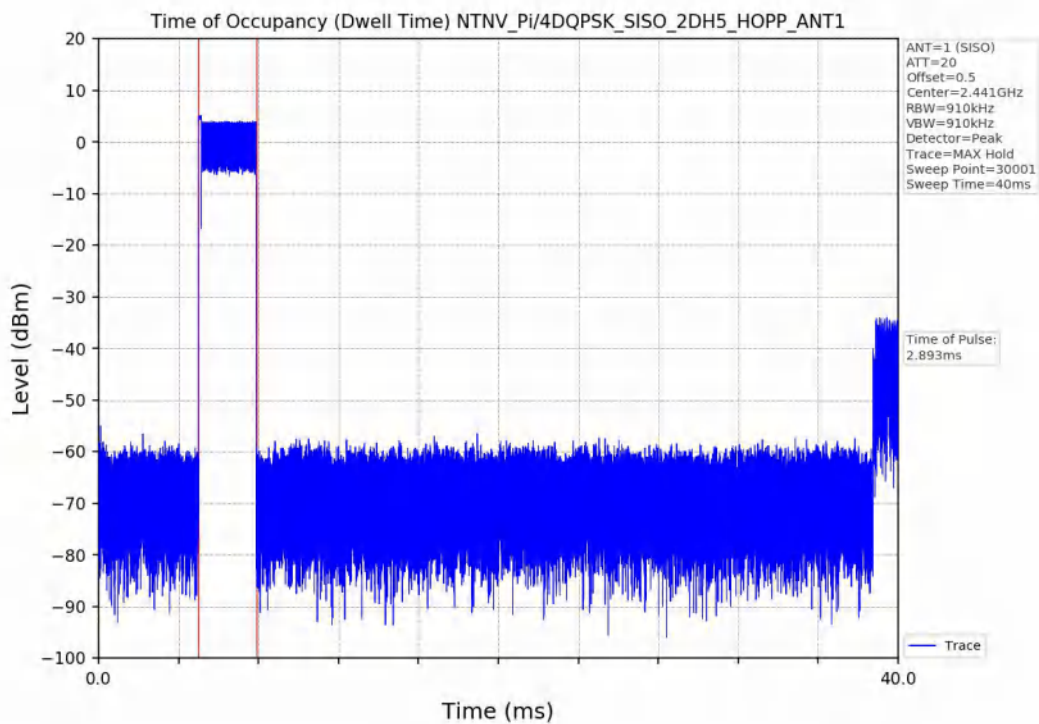
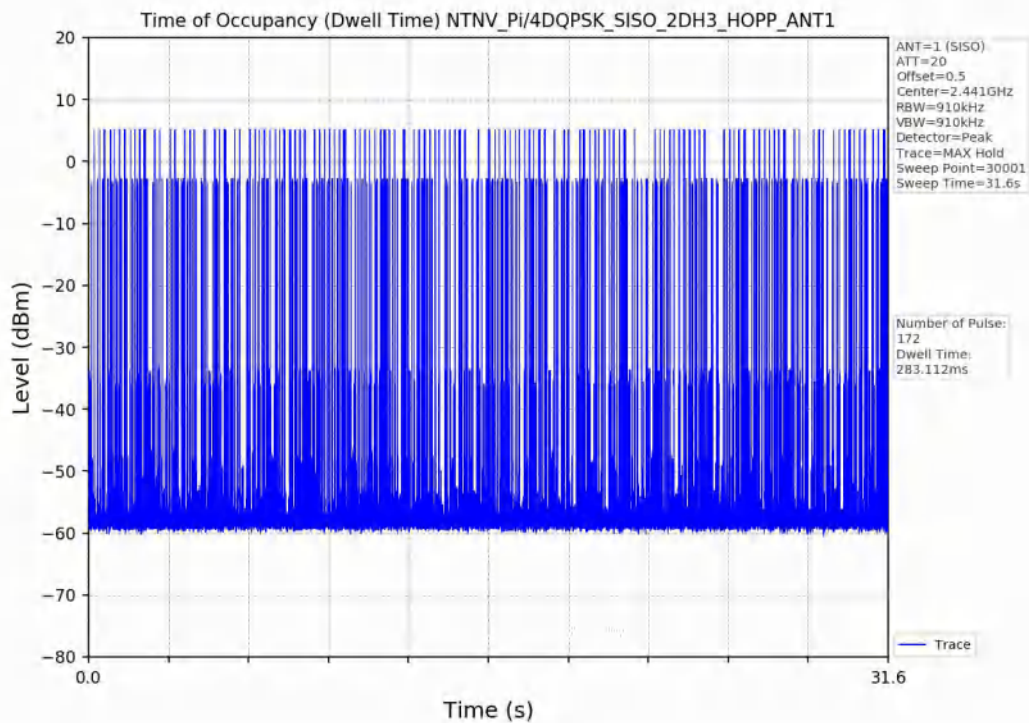


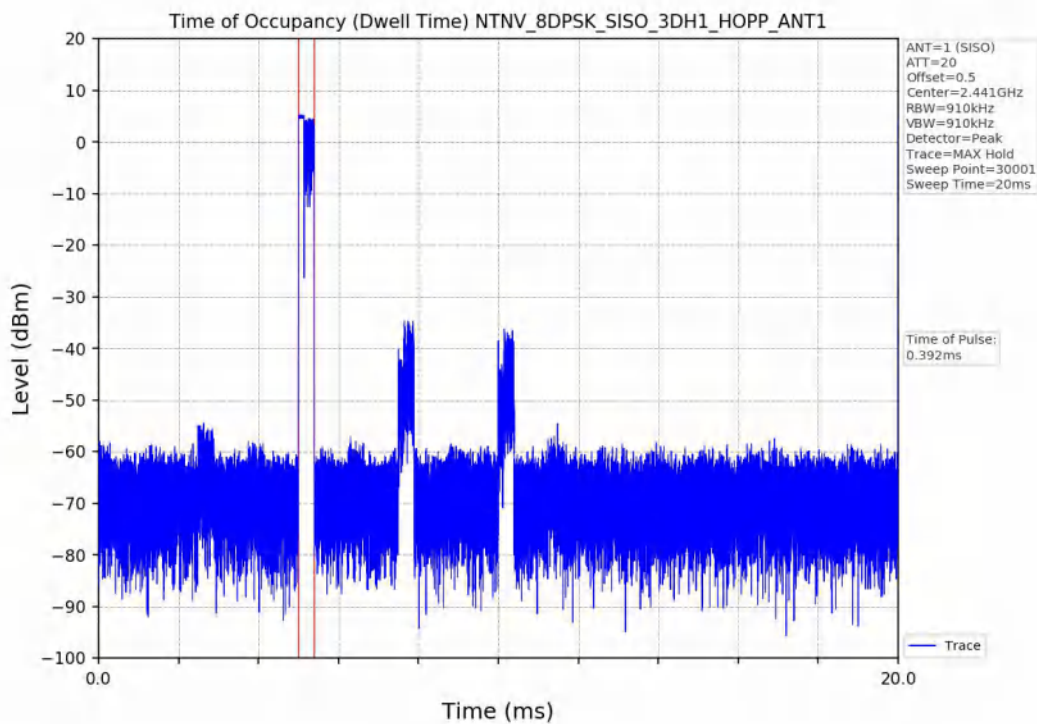
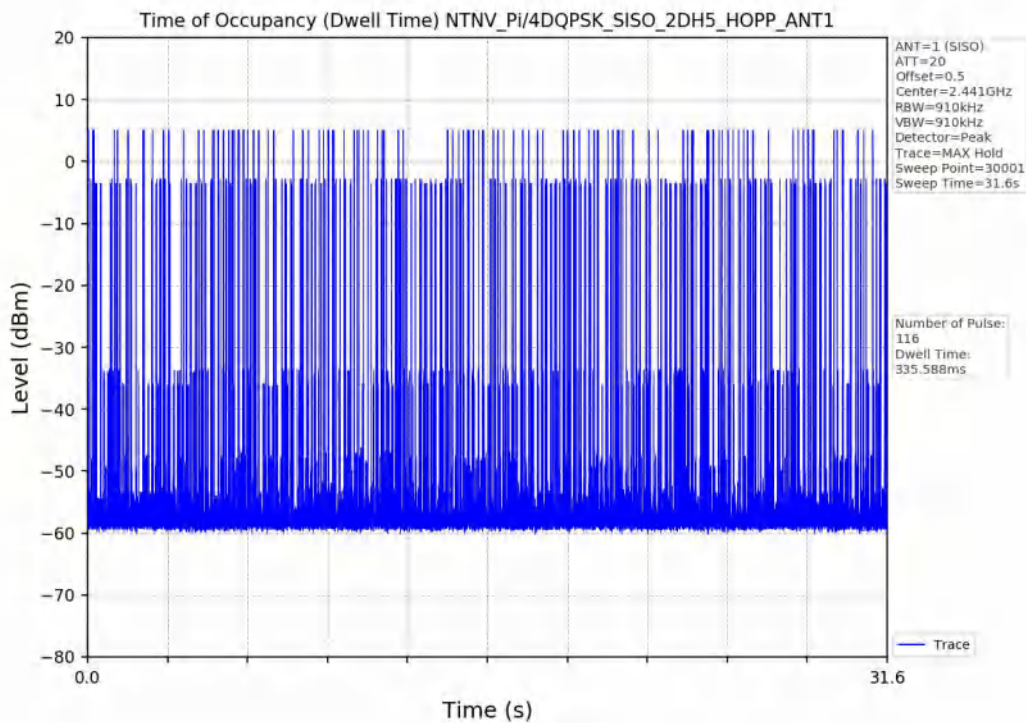


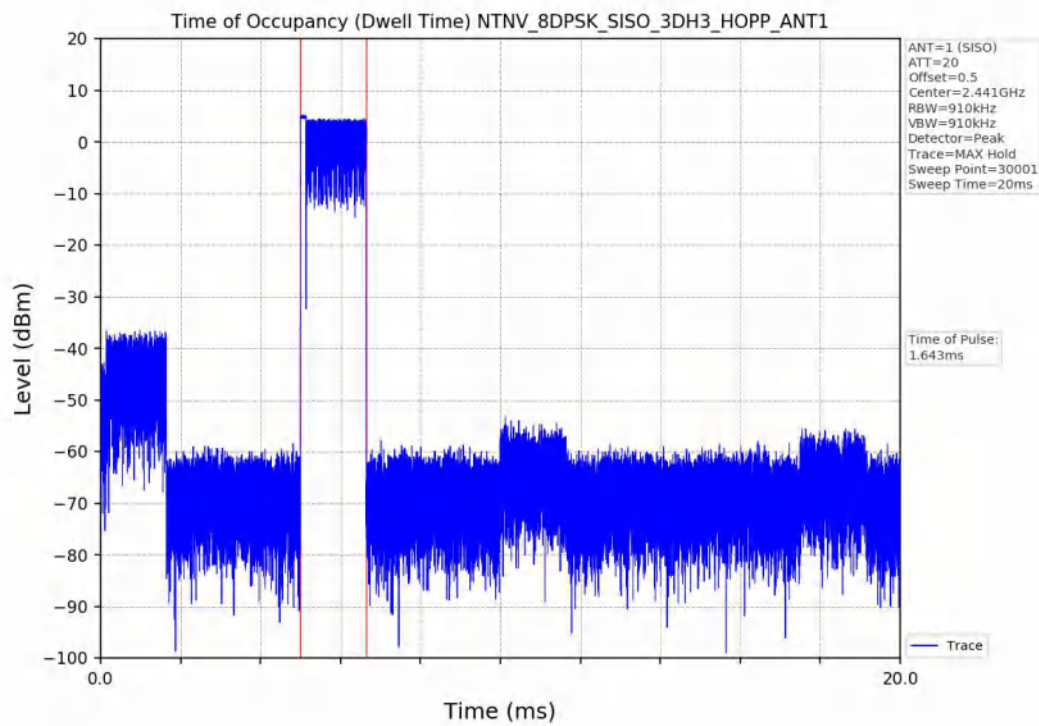
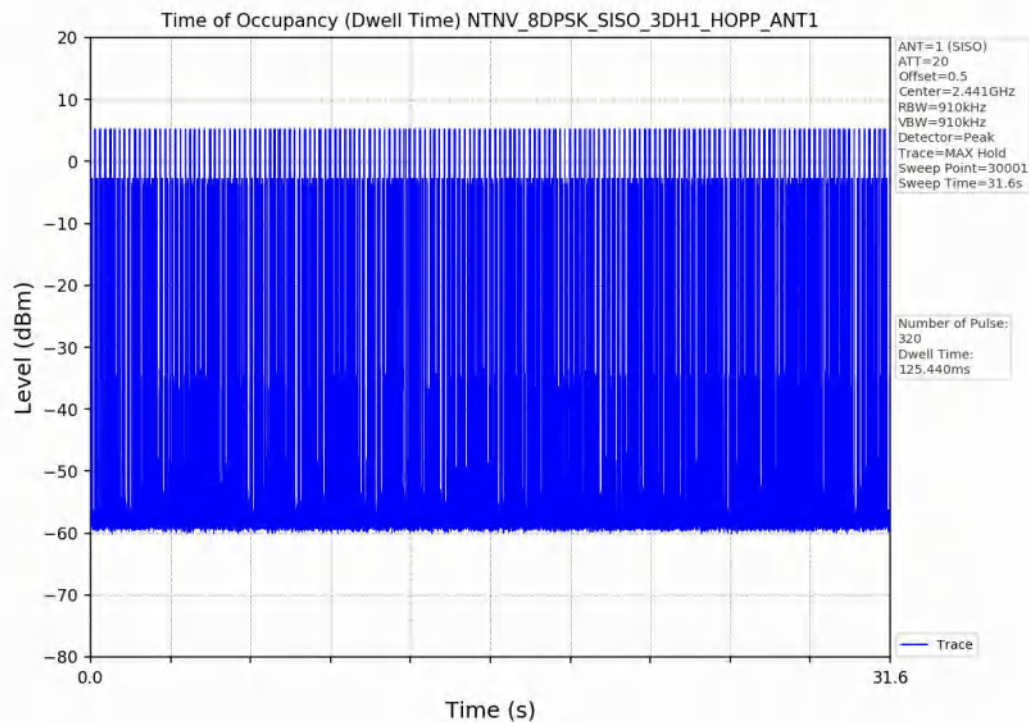


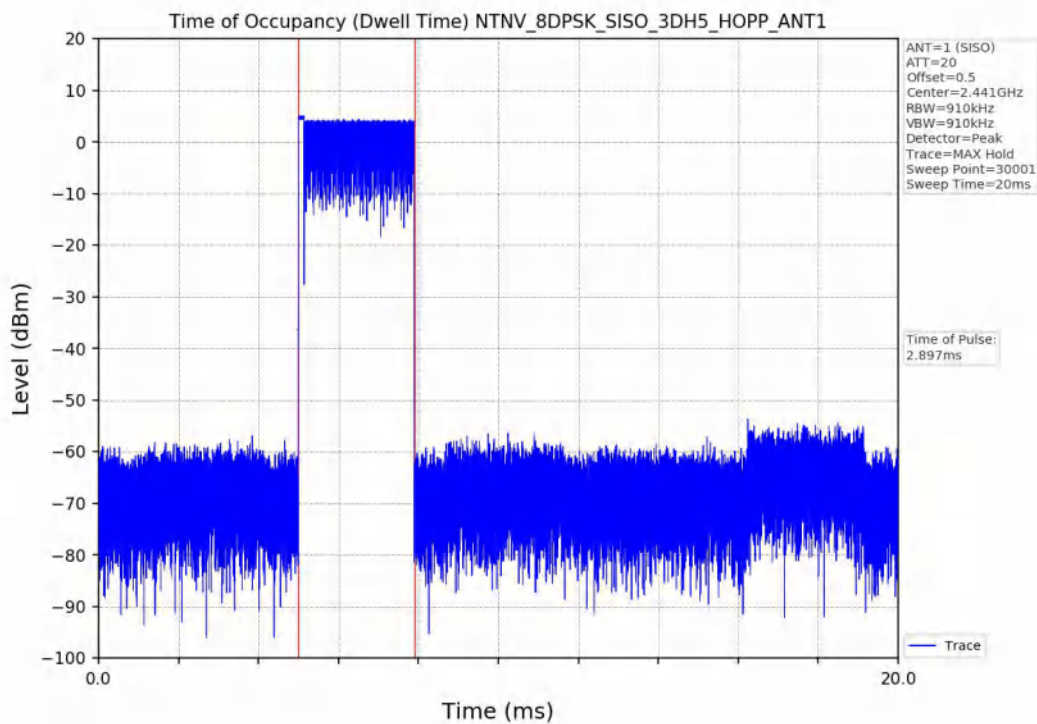
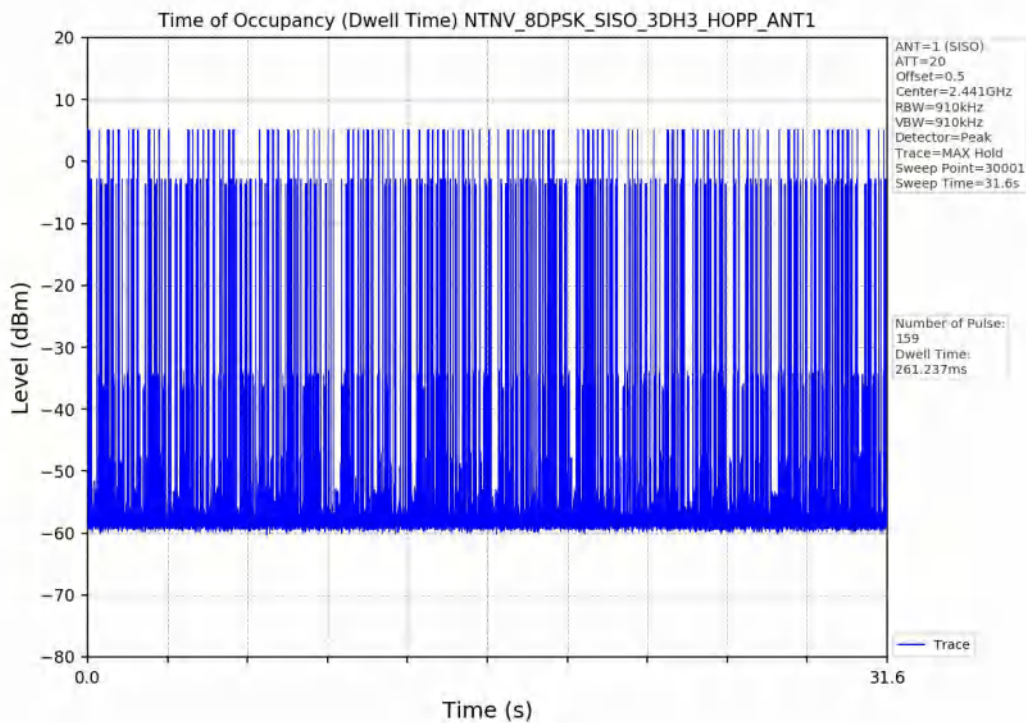


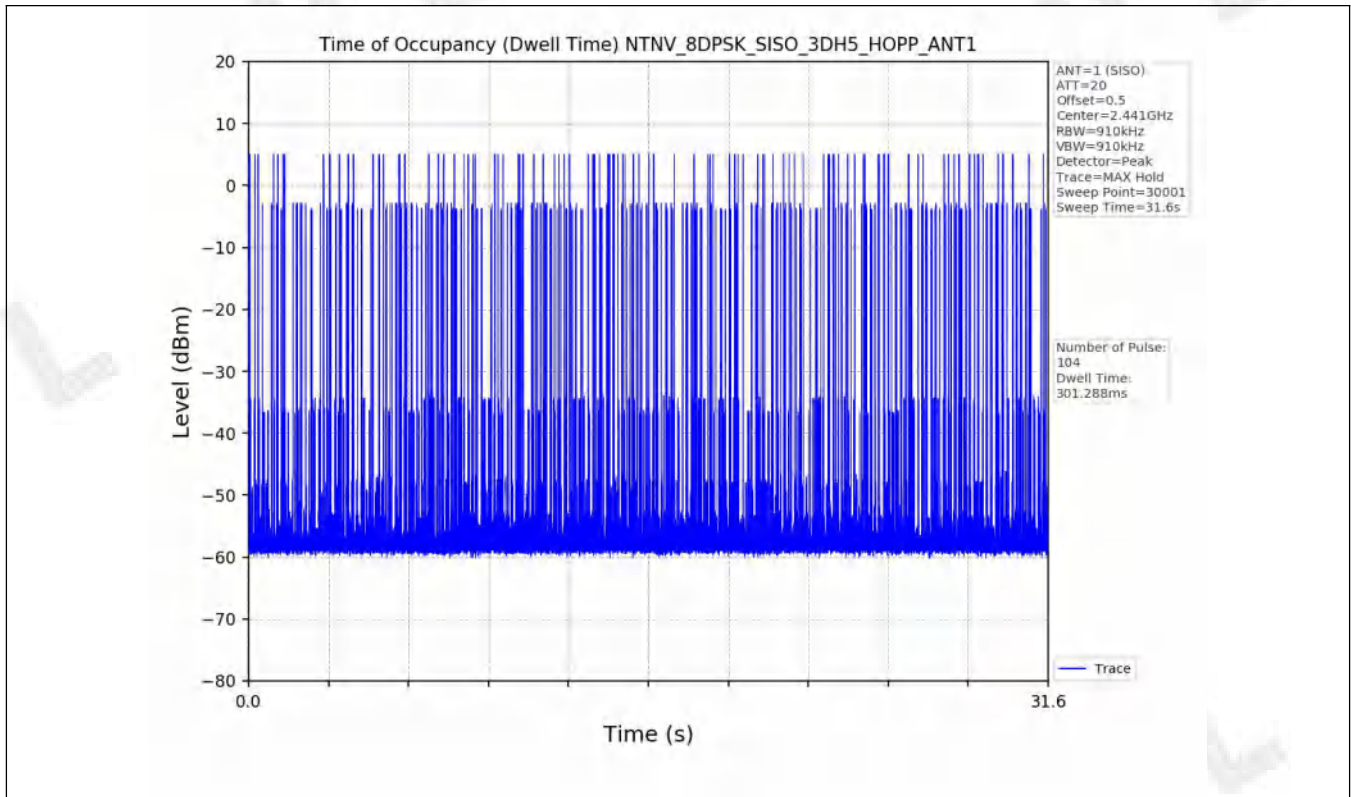












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-15.09	PASS
	2441	SISO	1	Refer to test graph	-15.09	PASS
	2480	SISO	1	Refer to test graph	-15.09	PASS
	Hopping	SISO	1	Refer to test graph	-15.09	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-15.03	PASS
	2441	SISO	1	Refer to test graph	-15.03	PASS
	2480	SISO	1	Refer to test graph	-15.03	PASS
	Hopping	SISO	1	Refer to test graph	-15.03	PASS
8DPSK	2402	SISO	1	Refer to test graph	-15.11	PASS
	2441	SISO	1	Refer to test graph	-15.11	PASS
	2480	SISO	1	Refer to test graph	-15.11	PASS

	Hopping	SISO	1	Refer to test graph	-15.11	PASS
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6.2 Test Graph

