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Appendix for 15.247

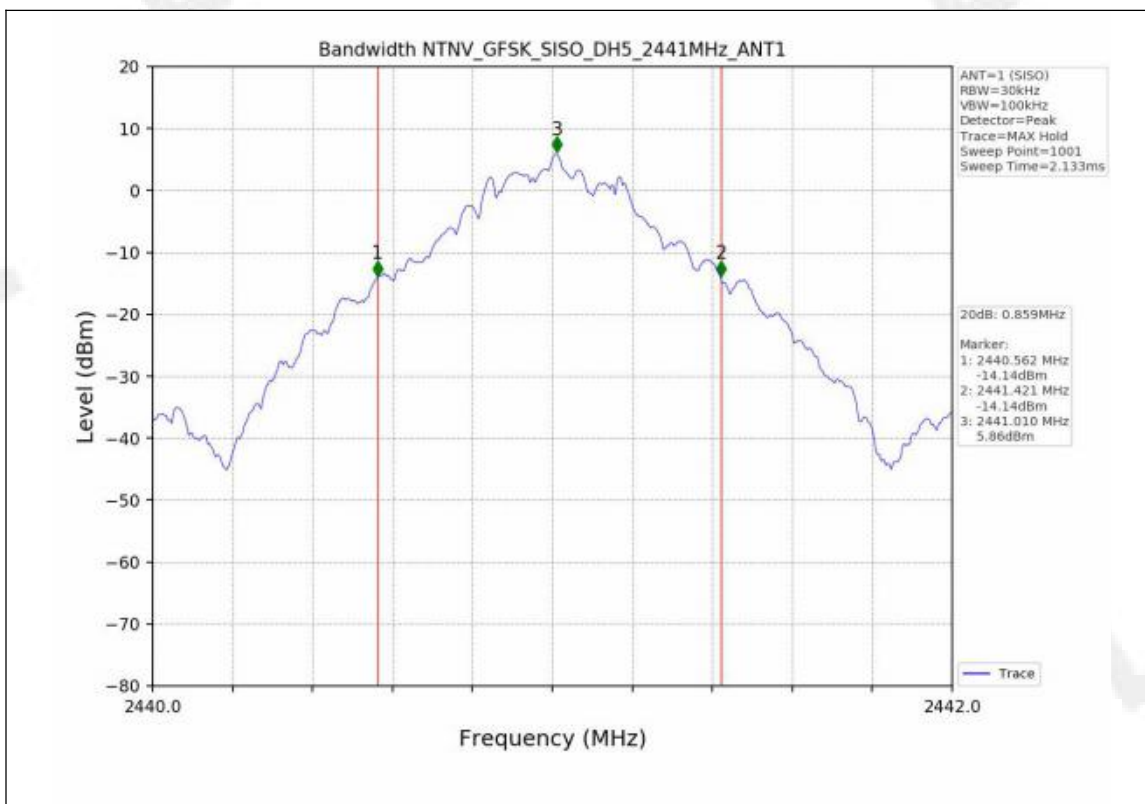
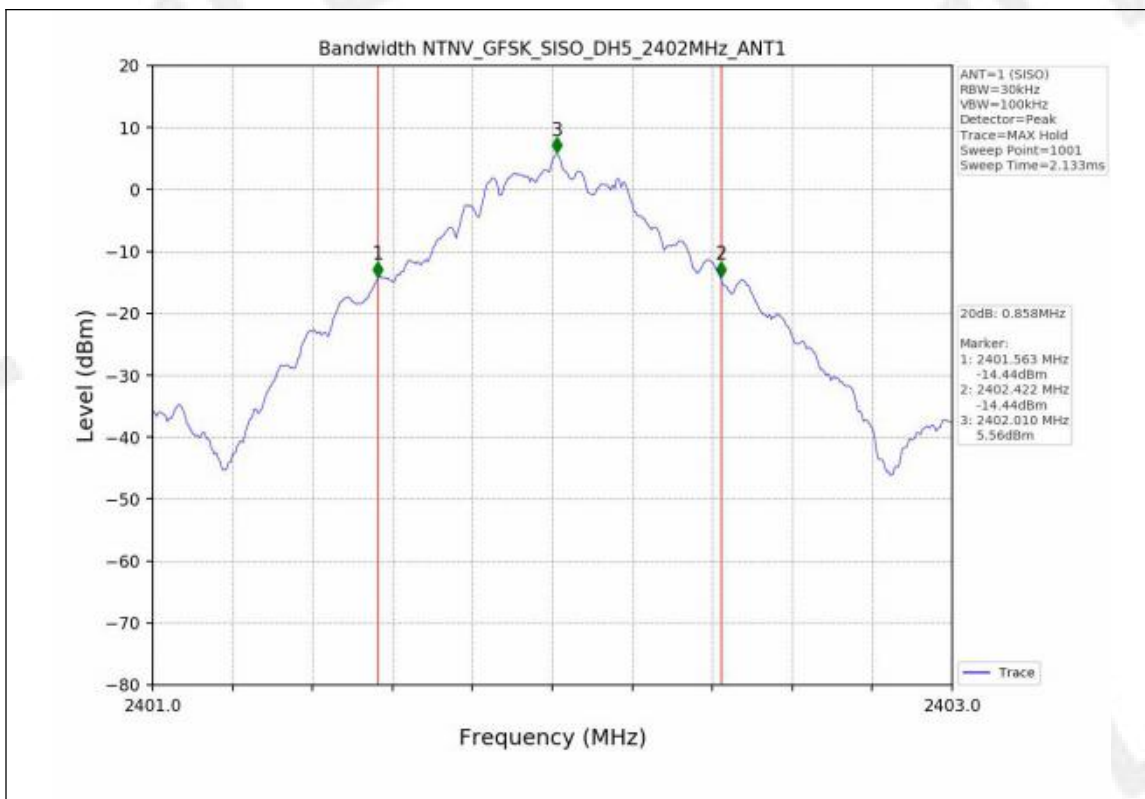
1. Bandwidth

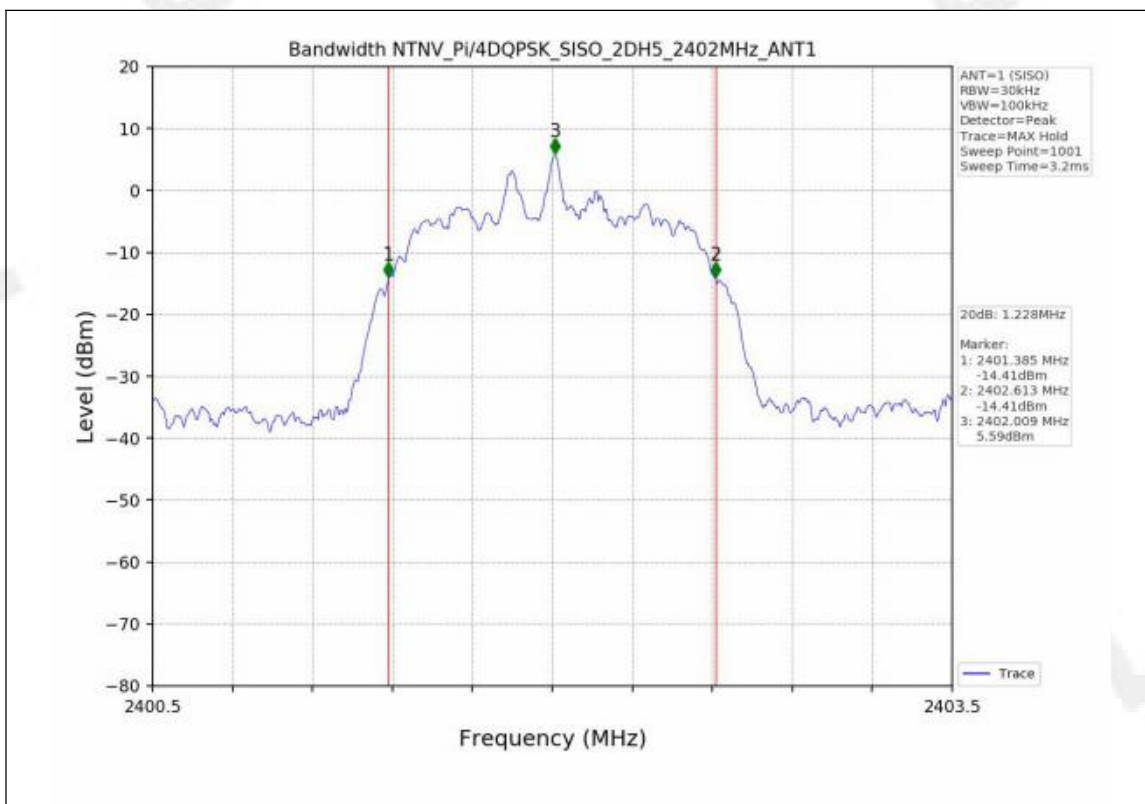
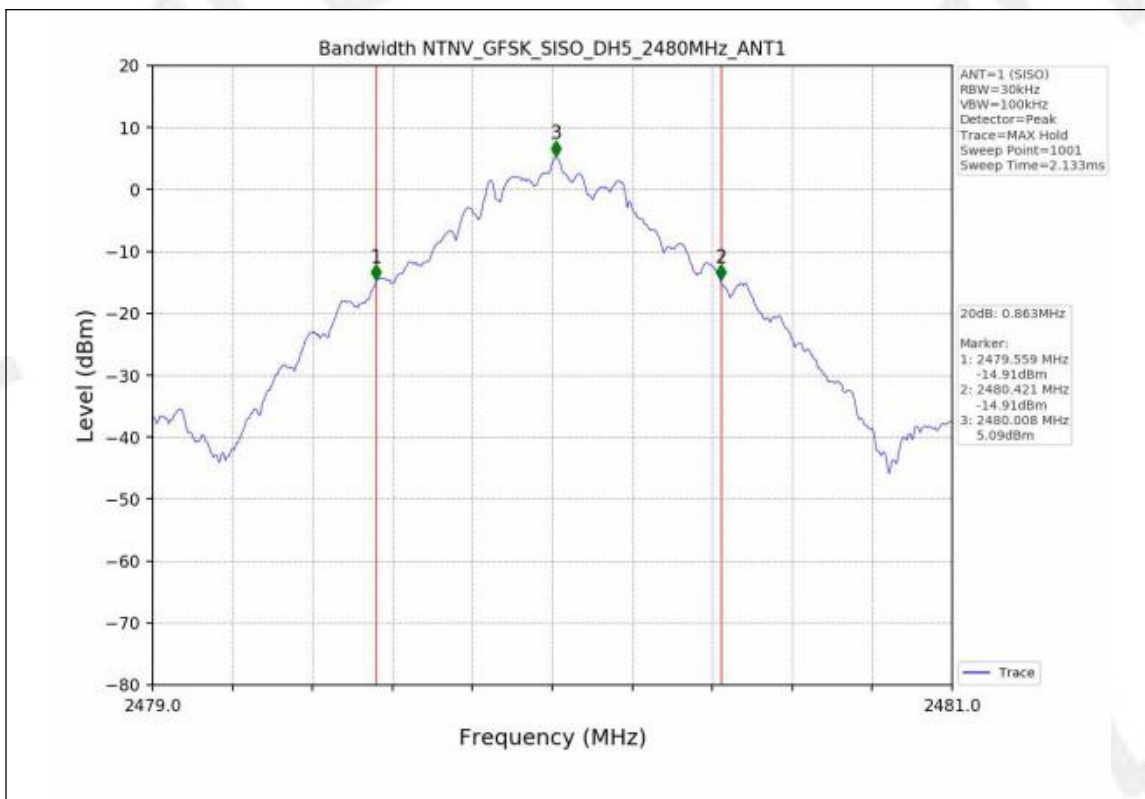
1.1 Test Result

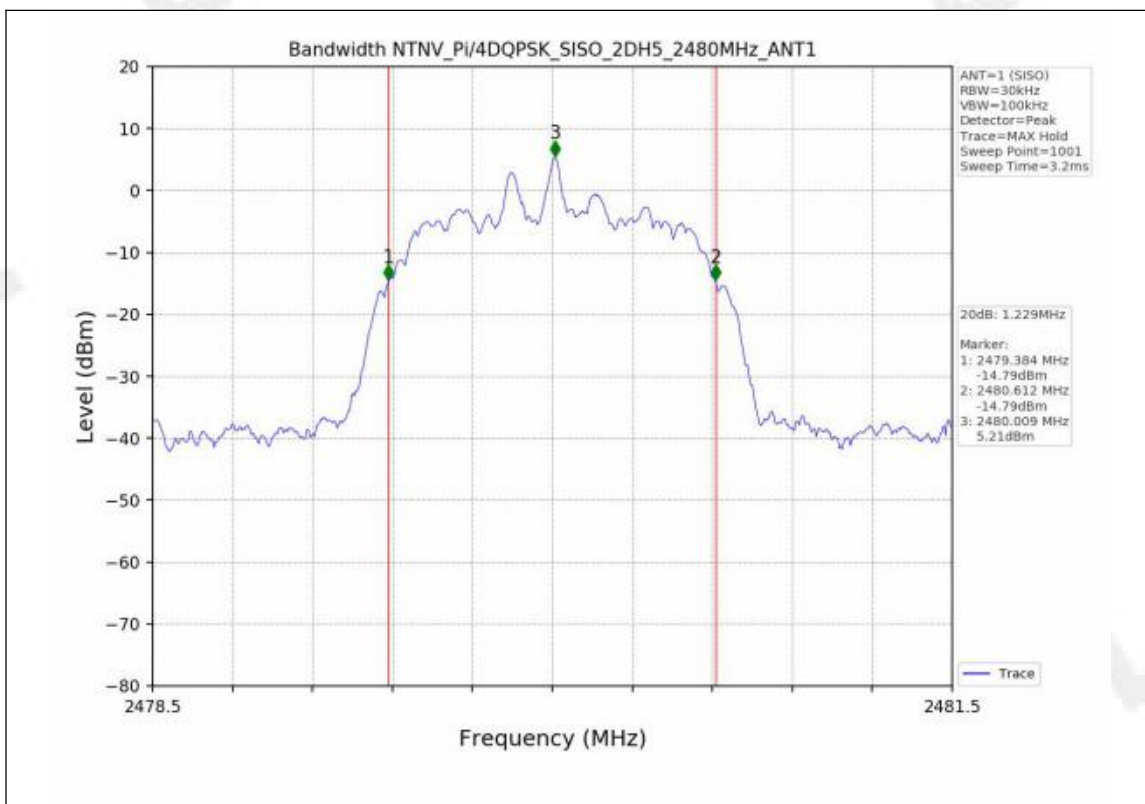
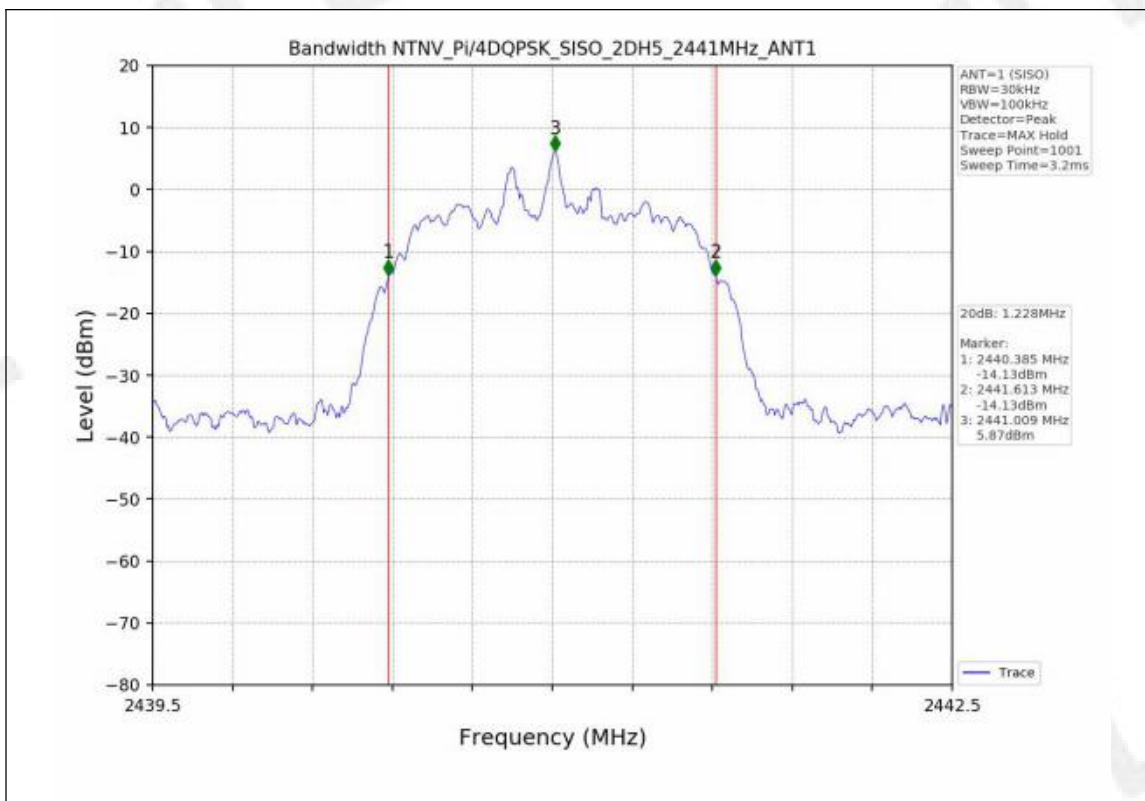
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.858	PASS
	2441	SISO	1	0.859	PASS
	2480	SISO	1	0.863	PASS
Pi/4DQPSK	2402	SISO	1	1.228	PASS
	2441	SISO	1	1.228	PASS
	2480	SISO	1	1.229	PASS
8DPSK	2402	SISO	1	1.260	PASS
	2441	SISO	1	1.261	PASS
	2480	SISO	1	1.258	PASS

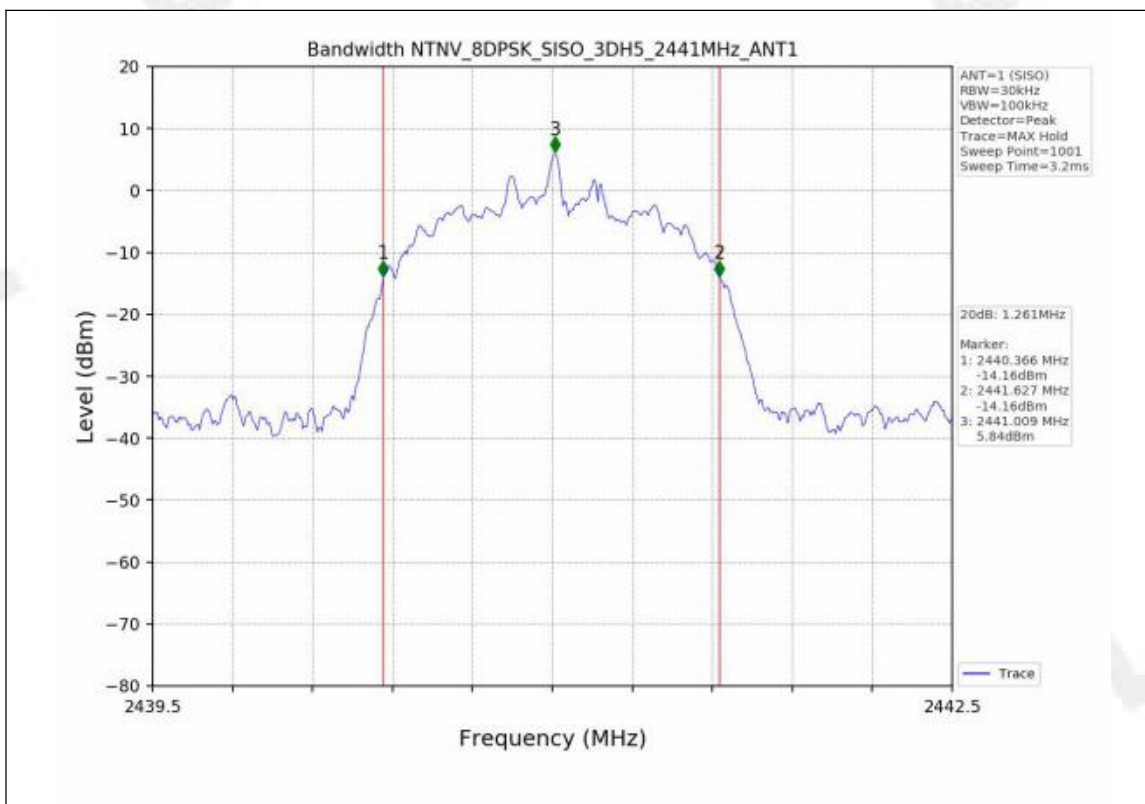
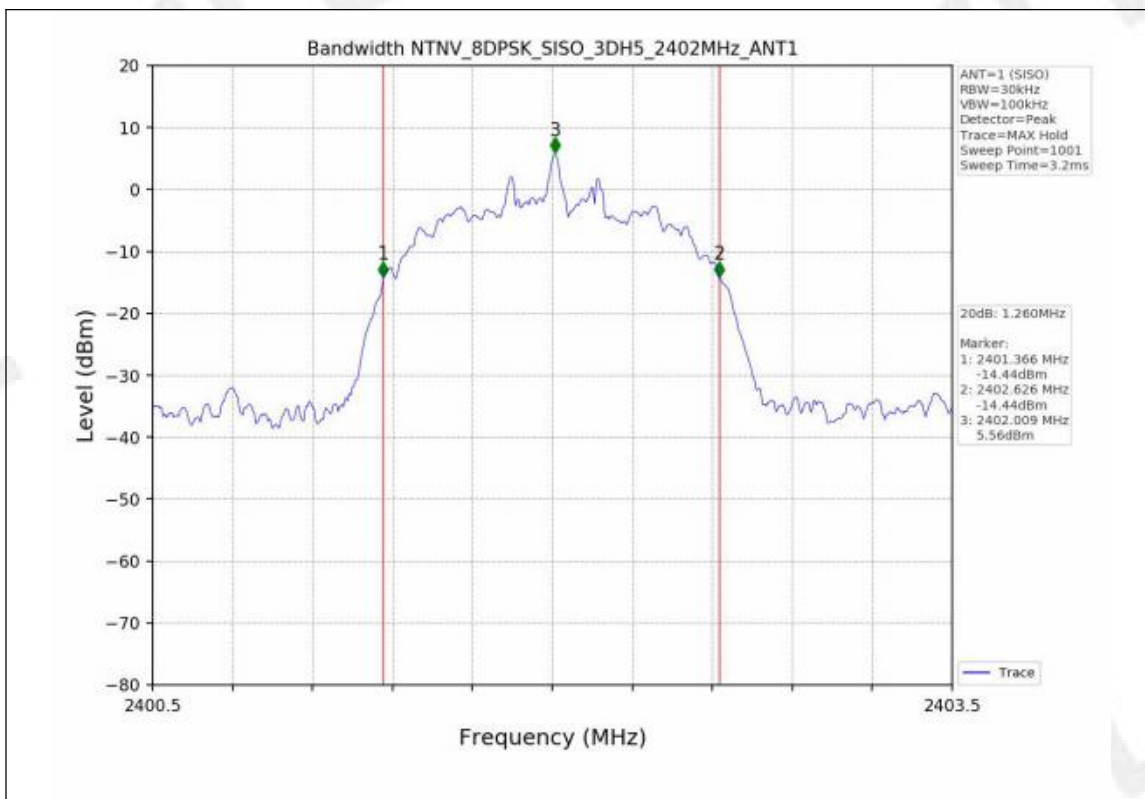
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.842	Only for Report Use
	2441	SISO	1	0.850	Only for Report Use
	2480	SISO	1	0.846	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.185	Only for Report Use
	2441	SISO	1	1.177	Only for Report Use
	2480	SISO	1	1.178	Only for Report Use
8DPSK	2402	SISO	1	1.196	Only for Report Use
	2441	SISO	1	1.193	Only for Report Use
	2480	SISO	1	1.190	Only for Report Use

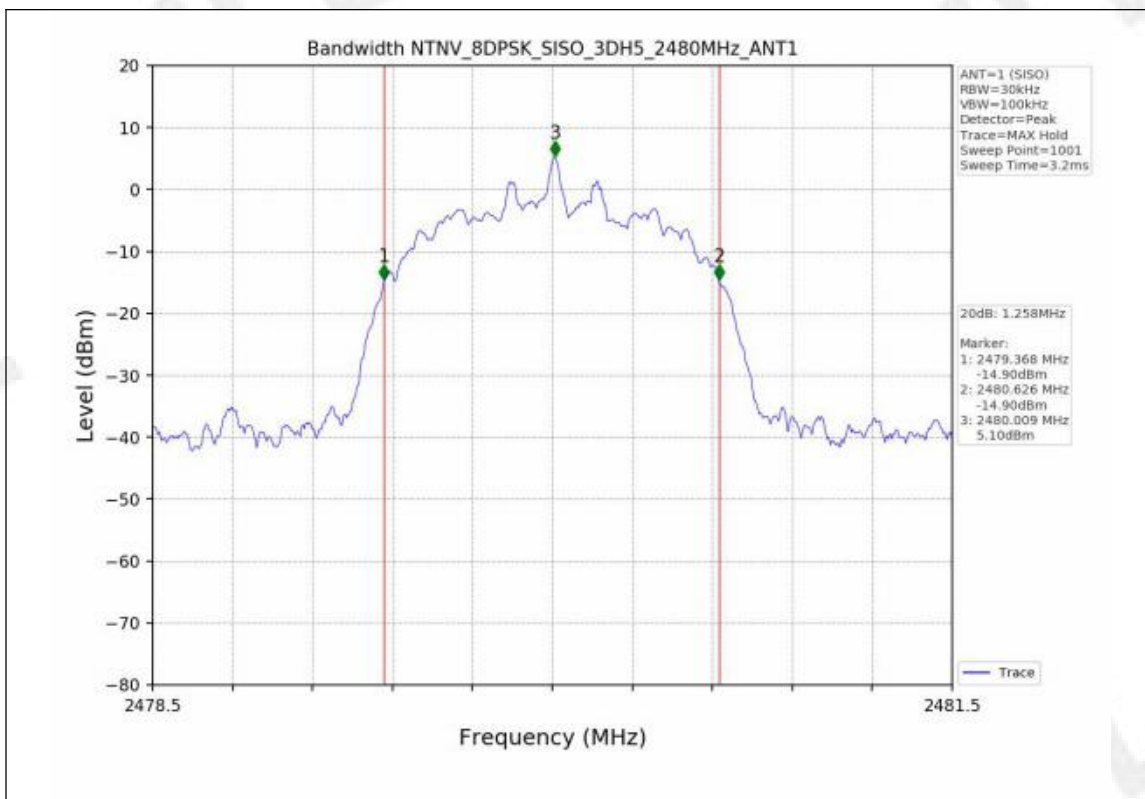
1.2 Test Graph - 20dB Bandwidth



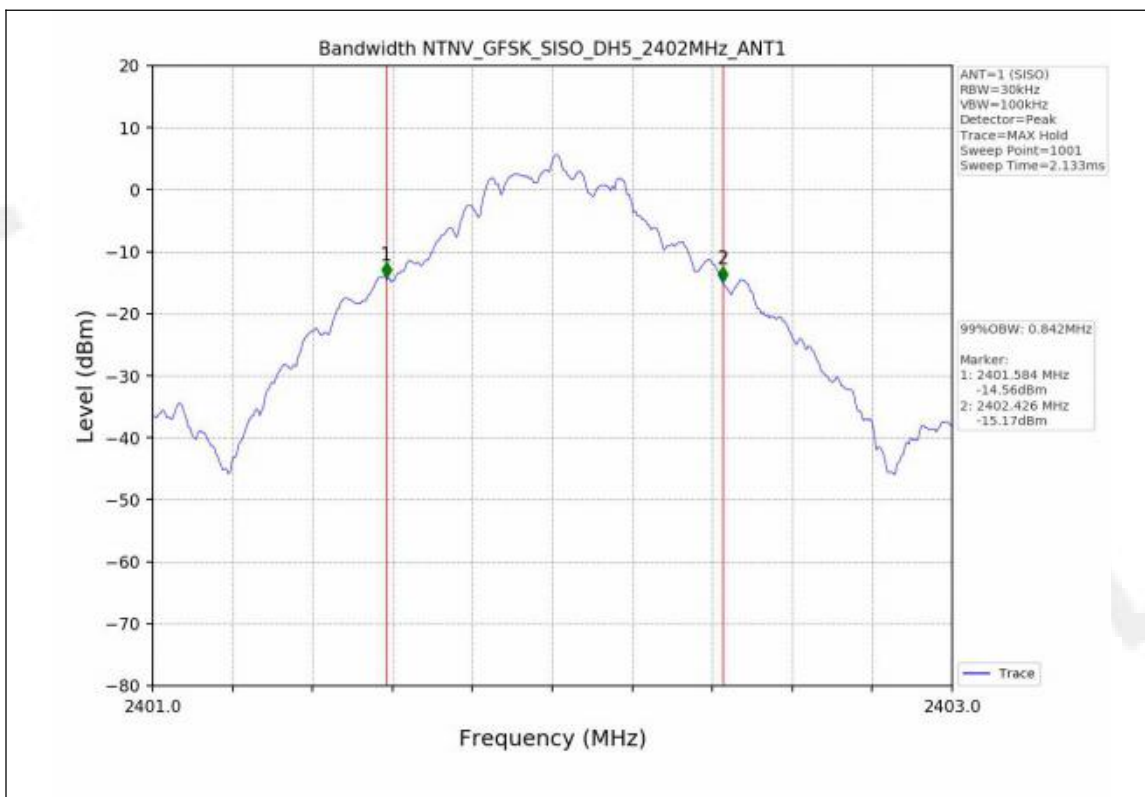


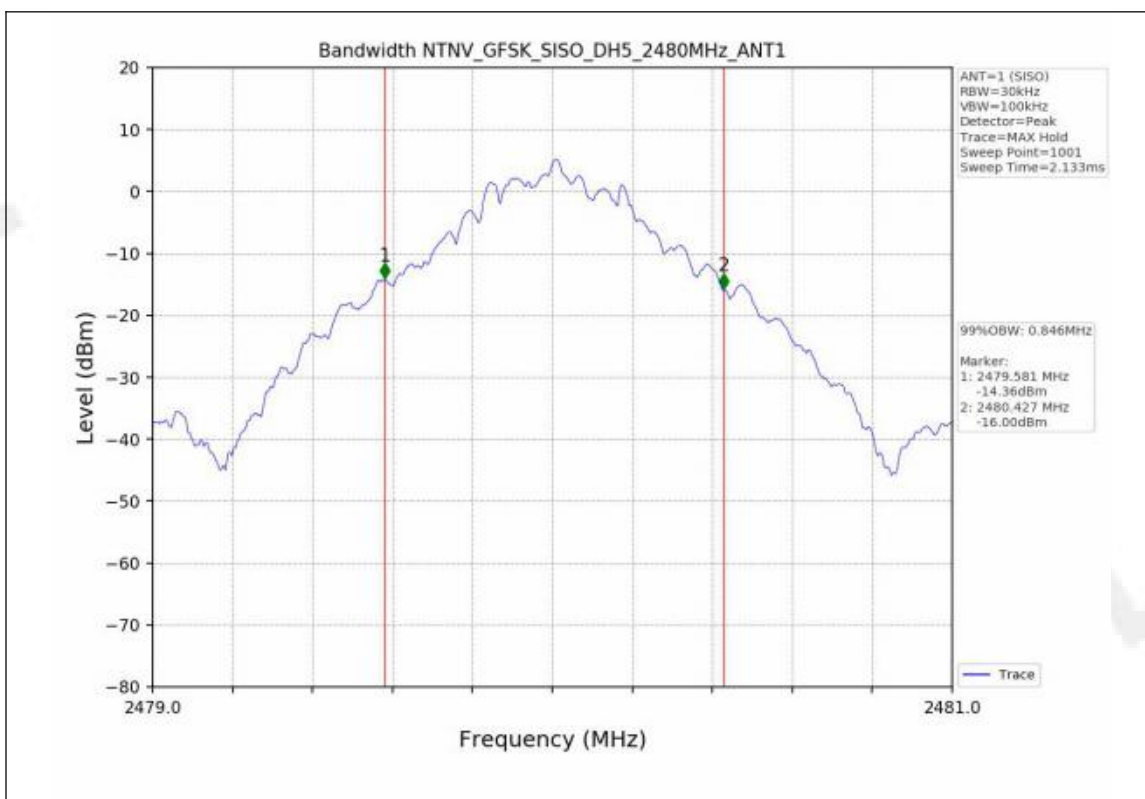
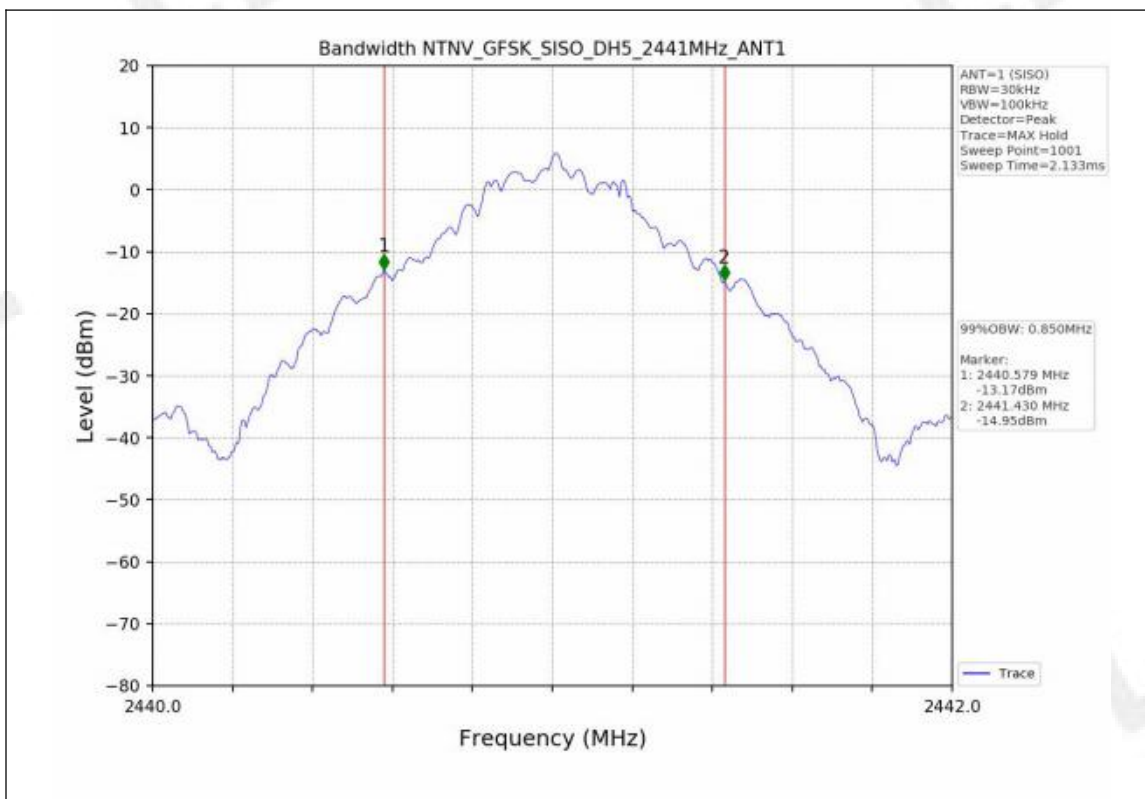


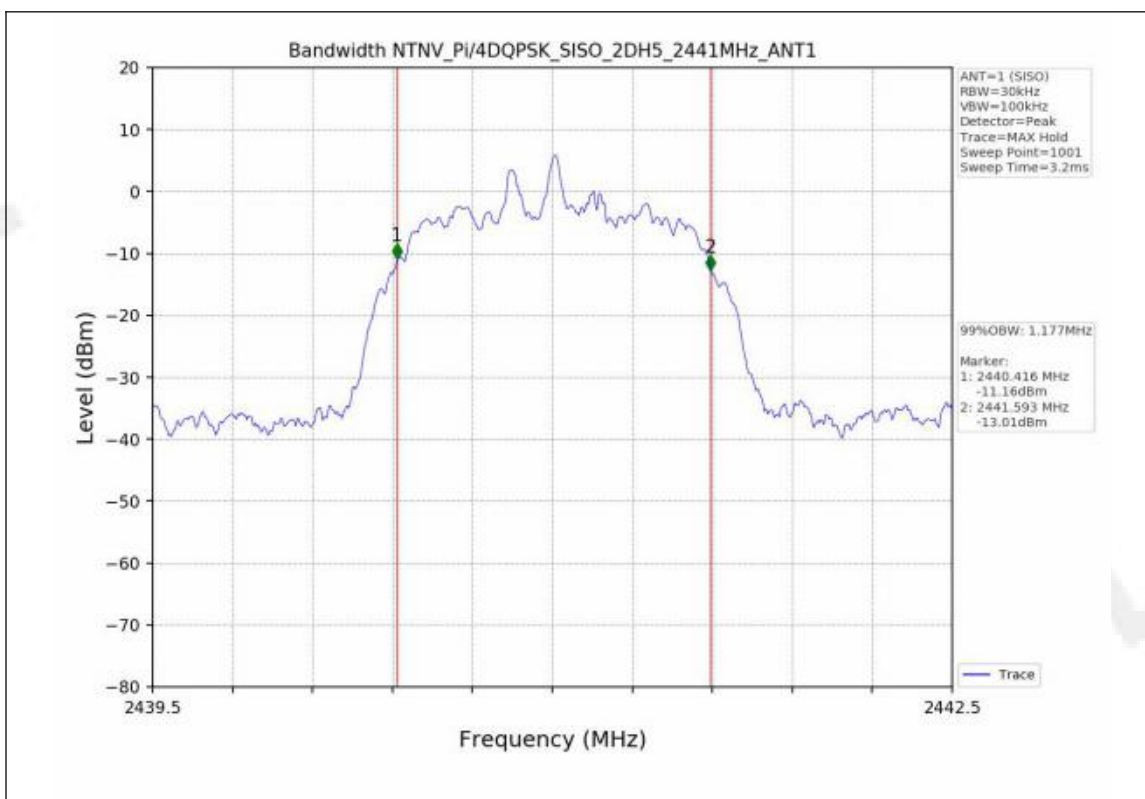
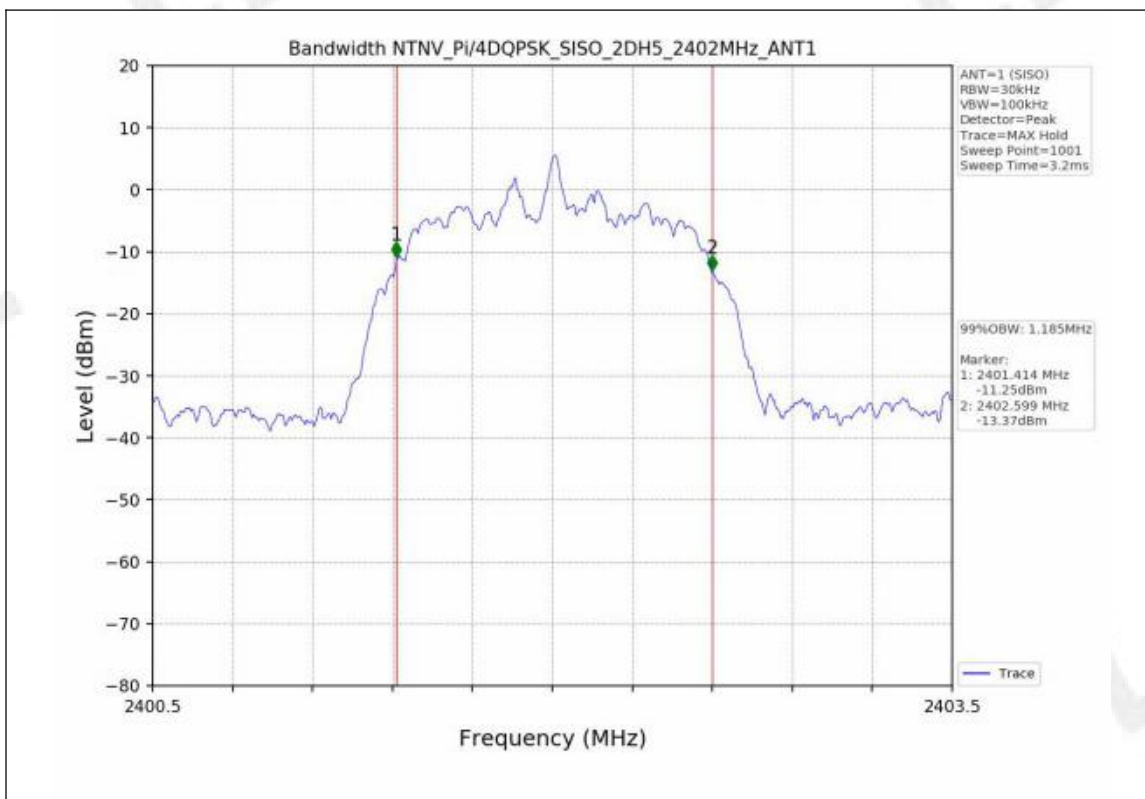


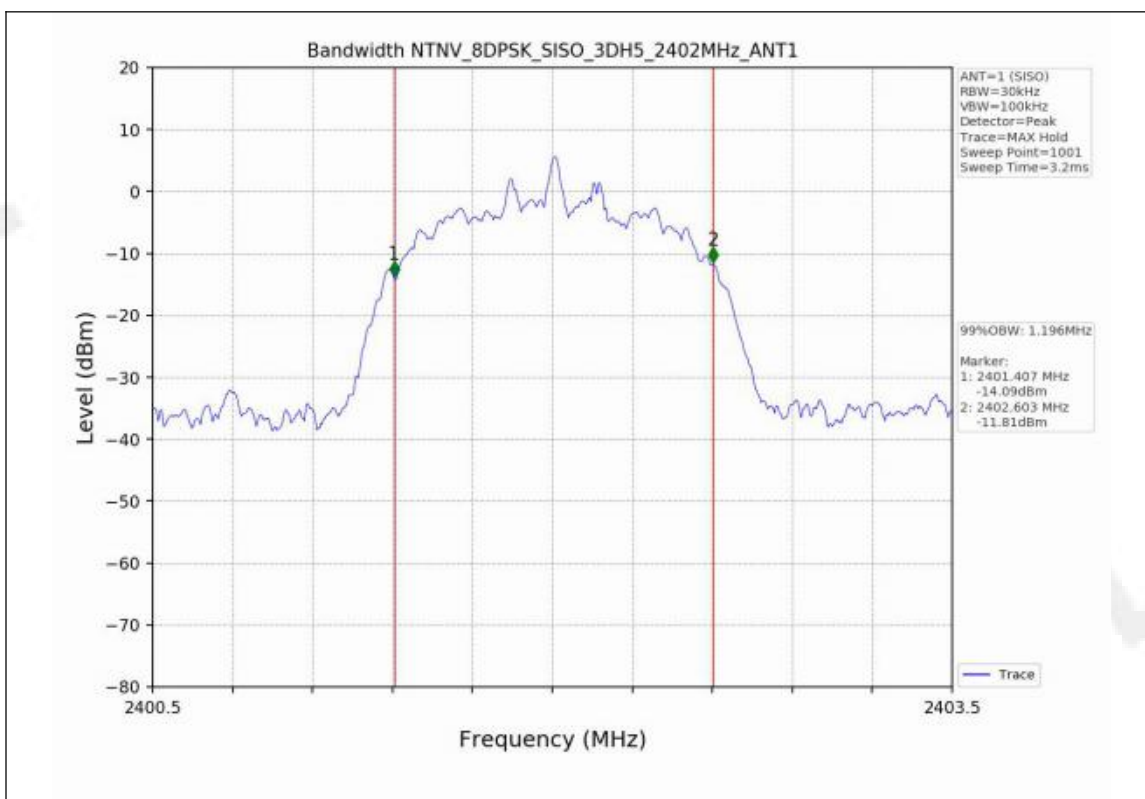
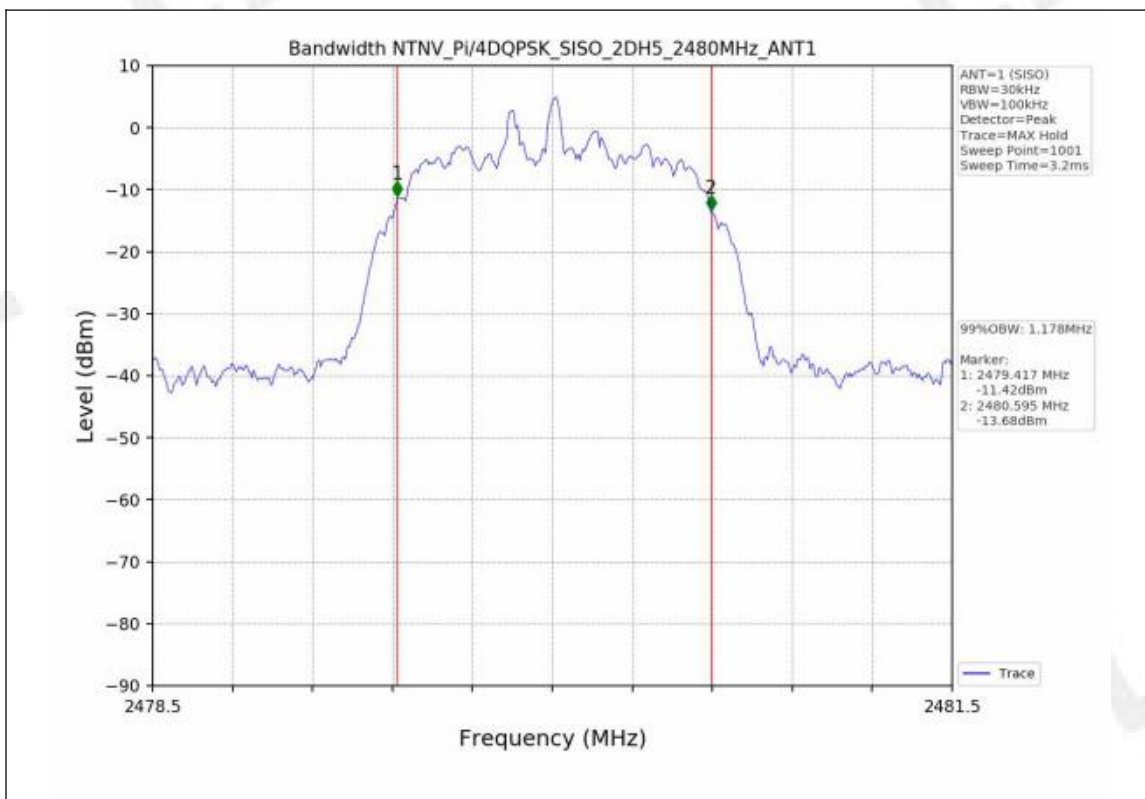


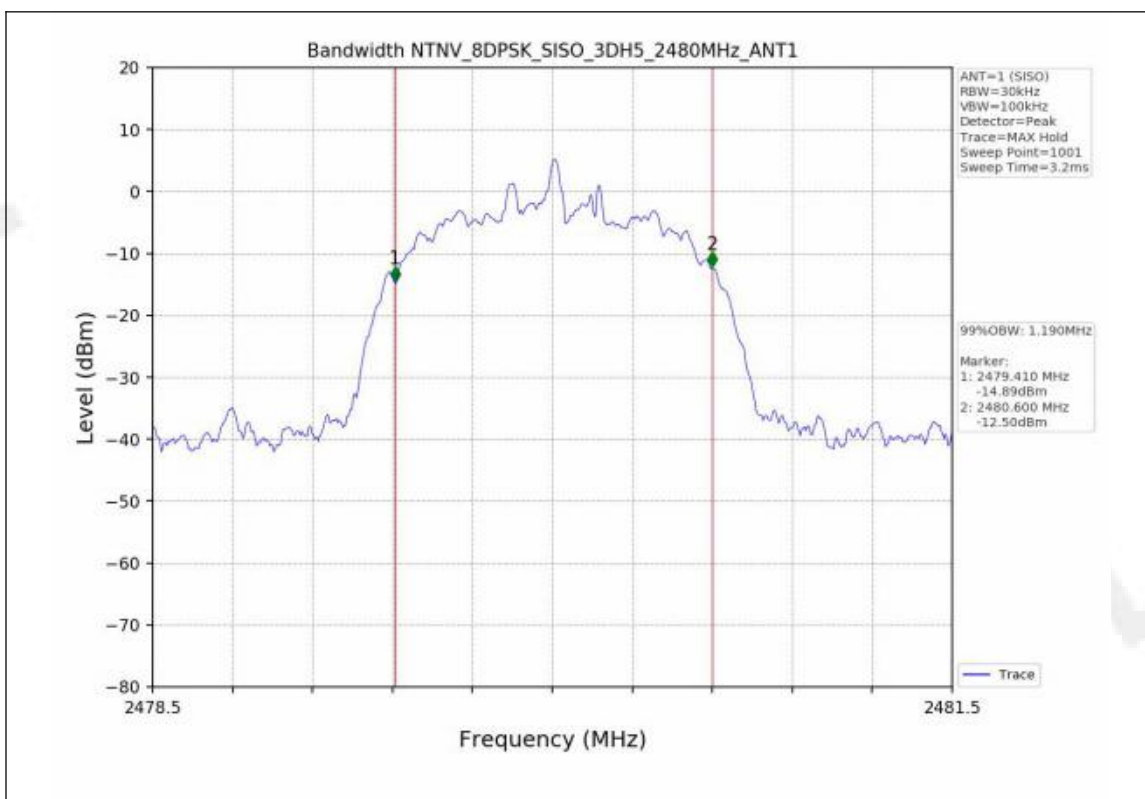
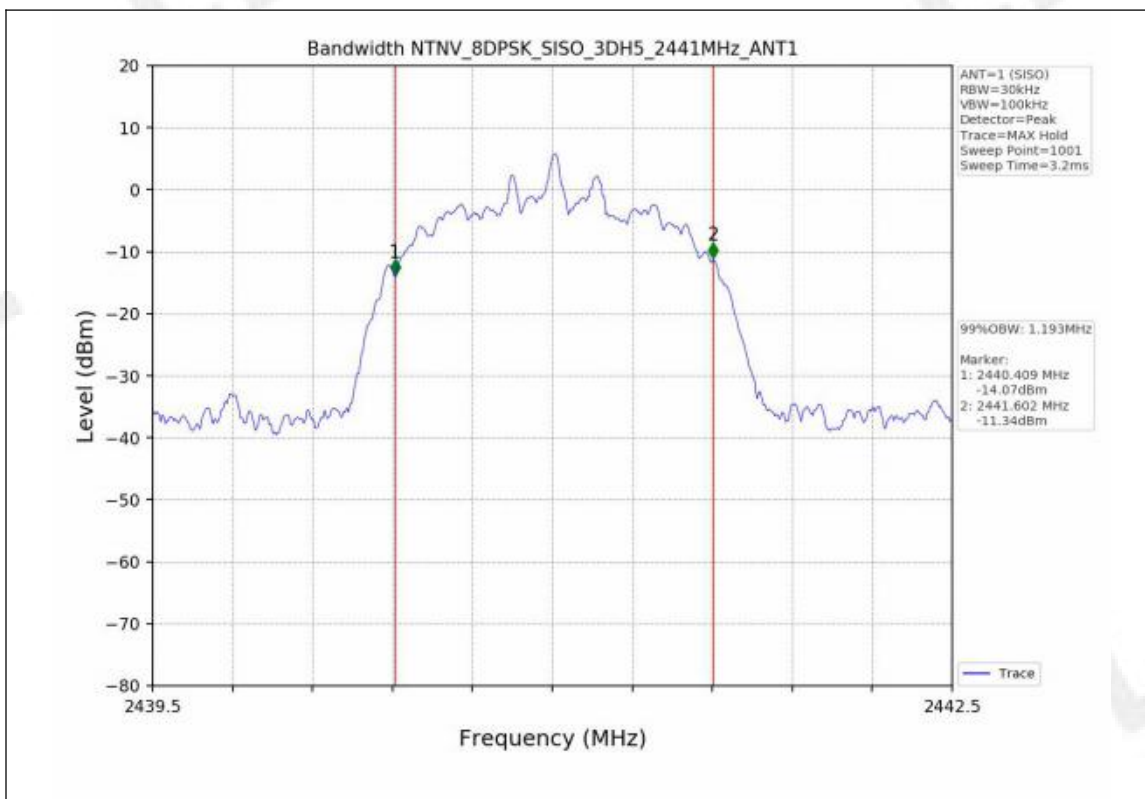
1.3 Test Graph - 99% Occupied Bandwidth









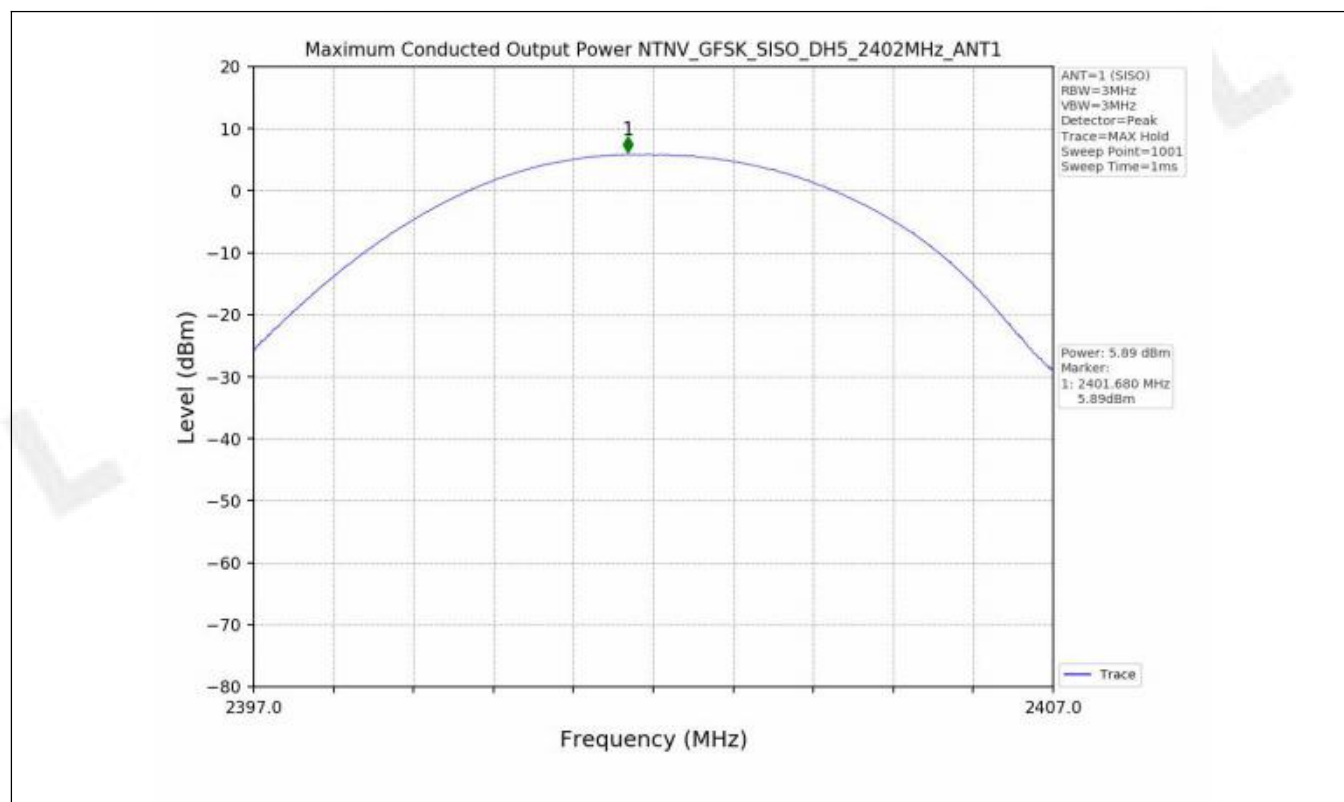


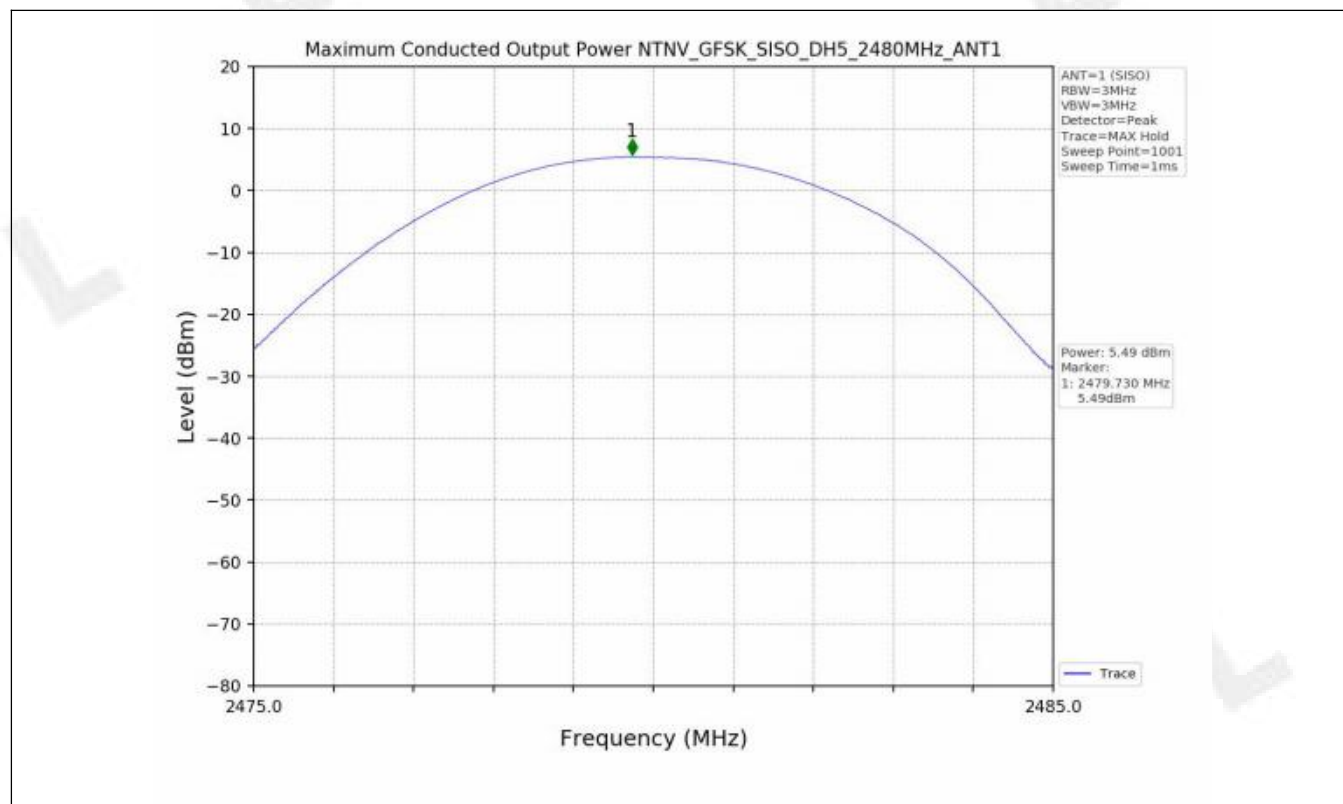
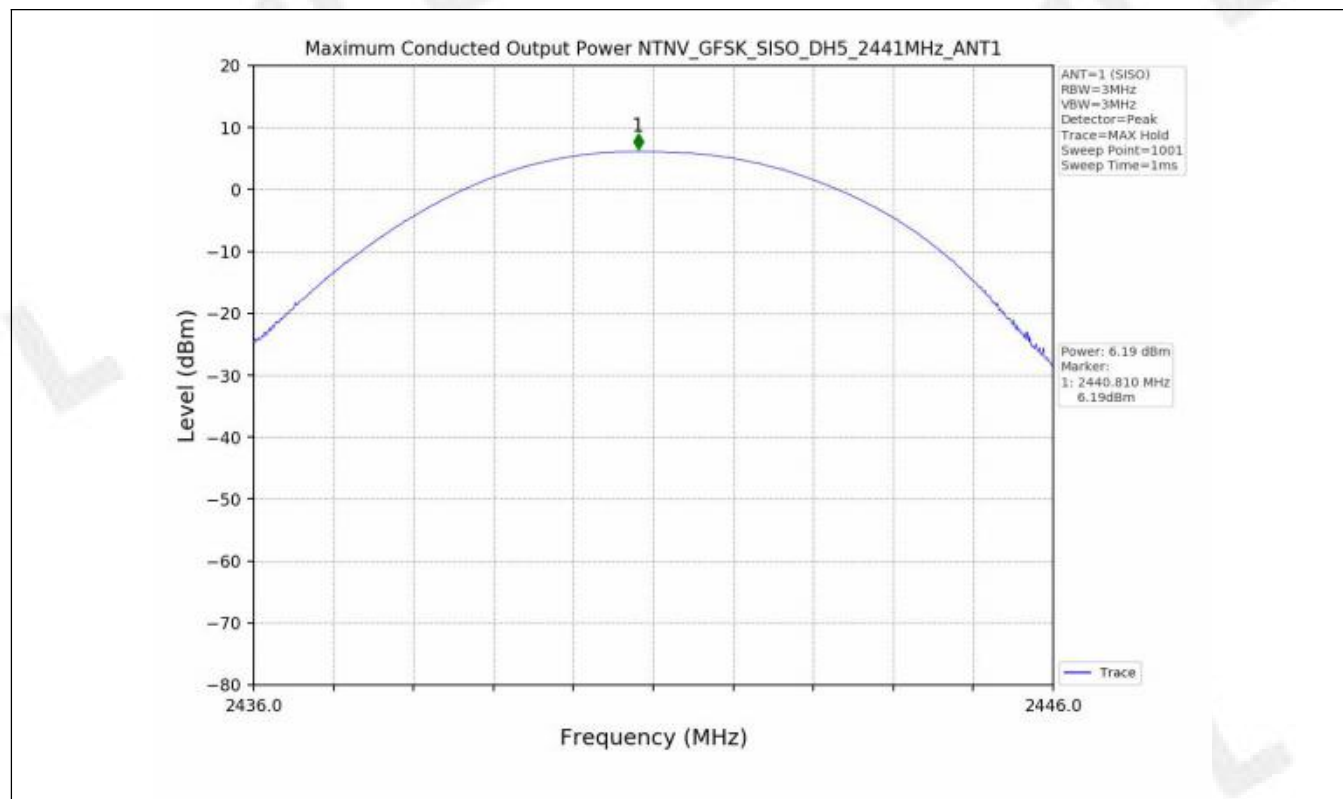
2. Maximum Conducted Output Power

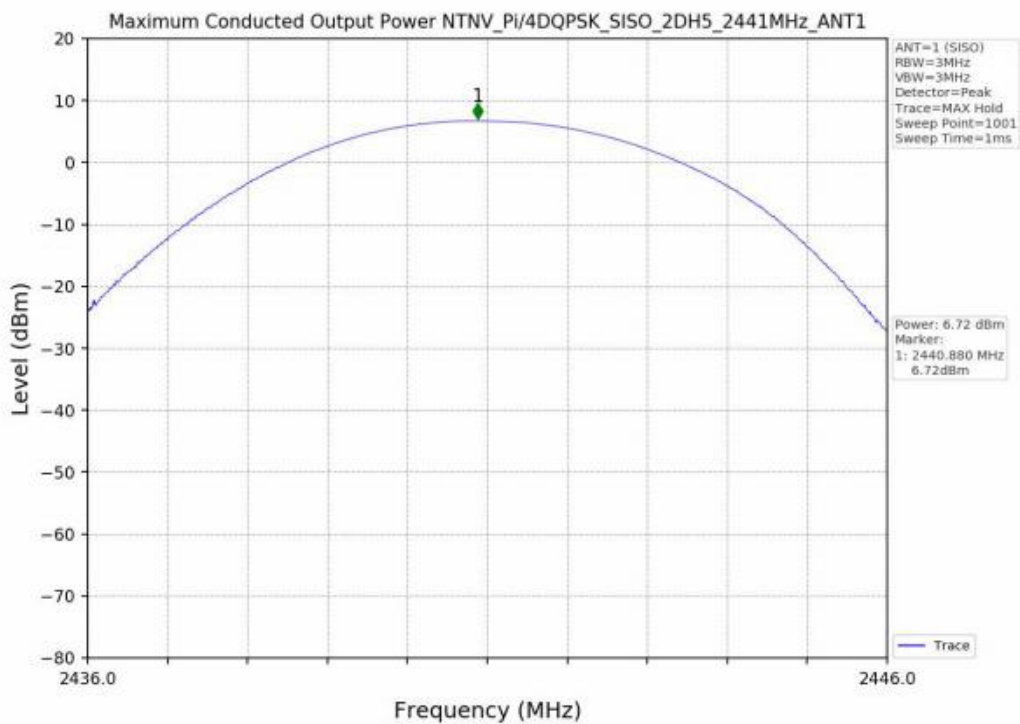
2.1 Test Result

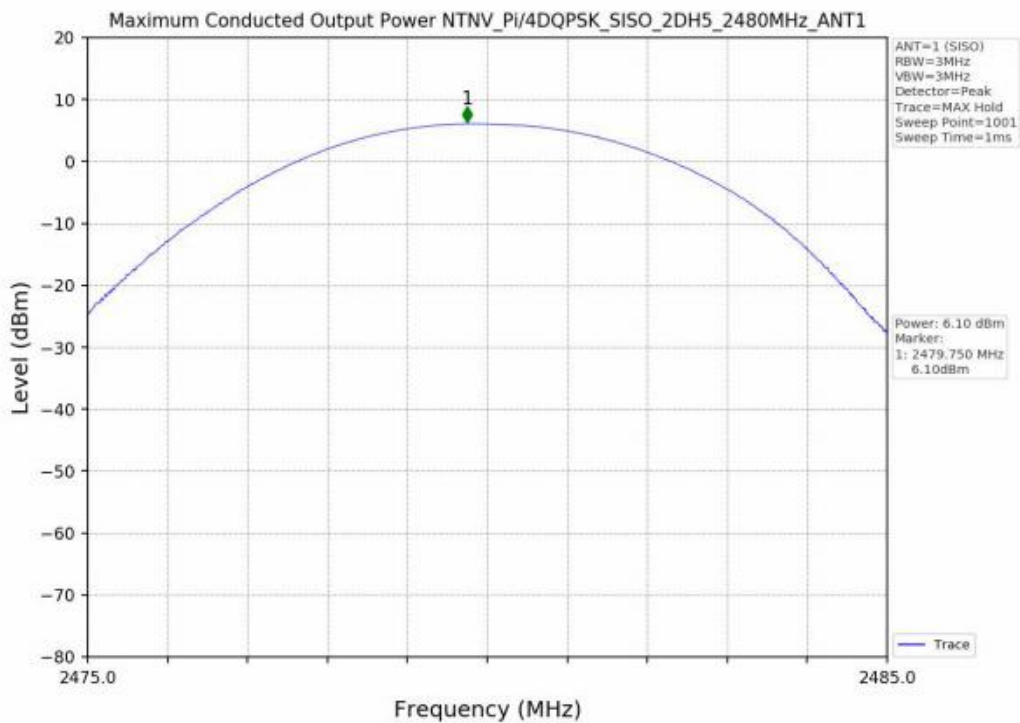
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	5.89	30	PASS
	2441	SISO	6.19	30	PASS
	2480	SISO	5.49	30	PASS
Pi/4DQPSK	2402	SISO	6.36	20.97	PASS
	2441	SISO	6.72	20.97	PASS
	2480	SISO	6.10	20.97	PASS
8DPSK	2402	SISO	6.55	20.97	PASS
	2441	SISO	6.94	20.97	PASS
	2480	SISO	6.35	20.97	PASS

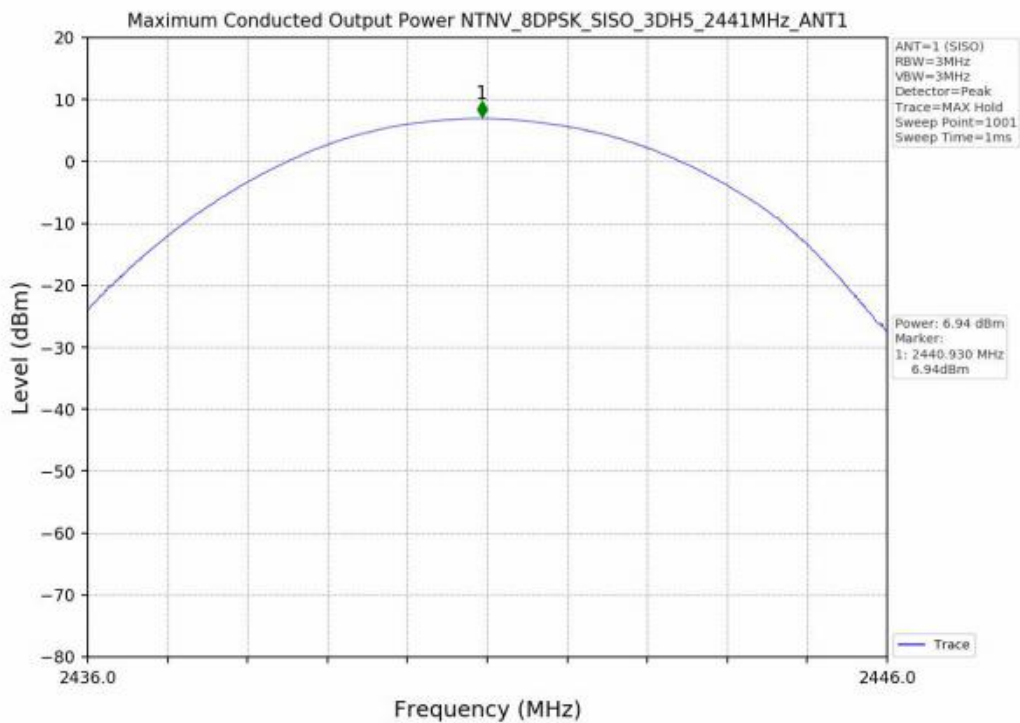
2.2 Test Graph









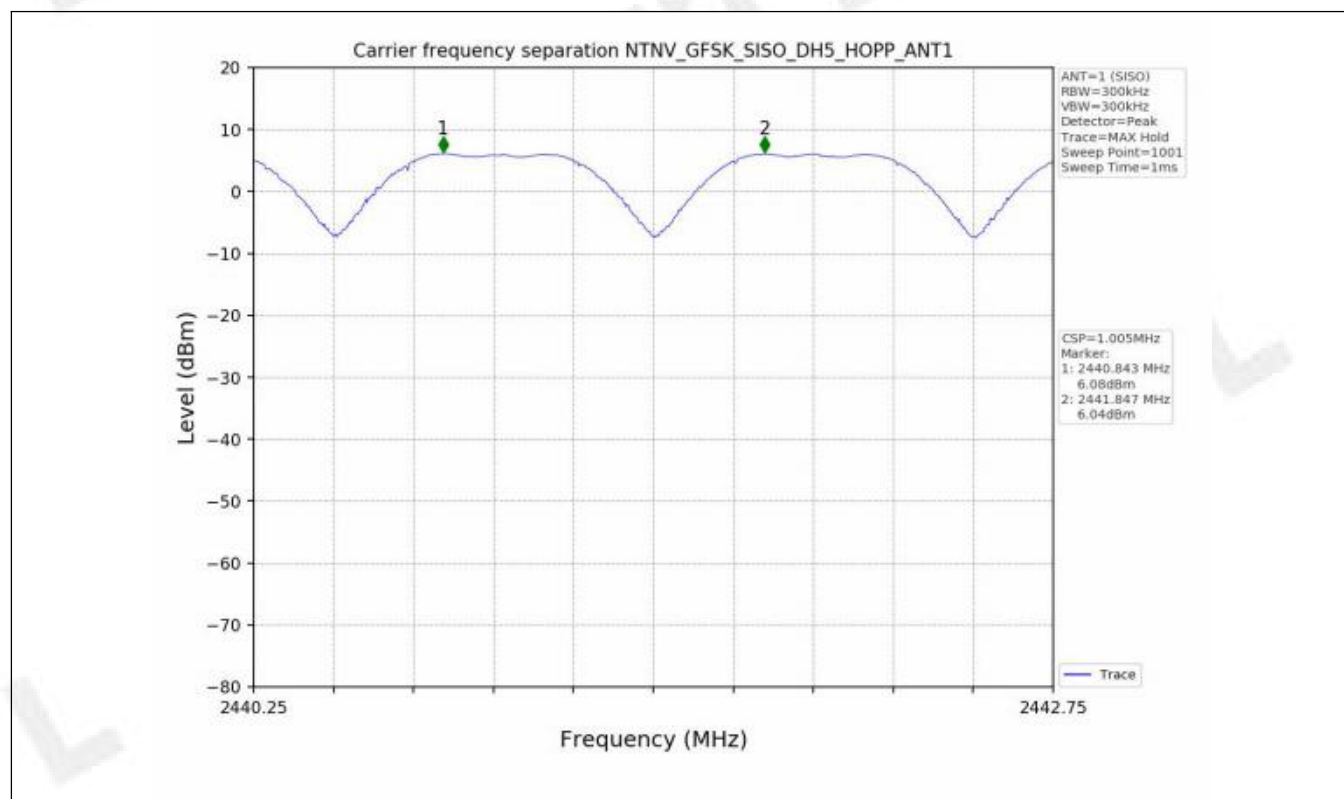


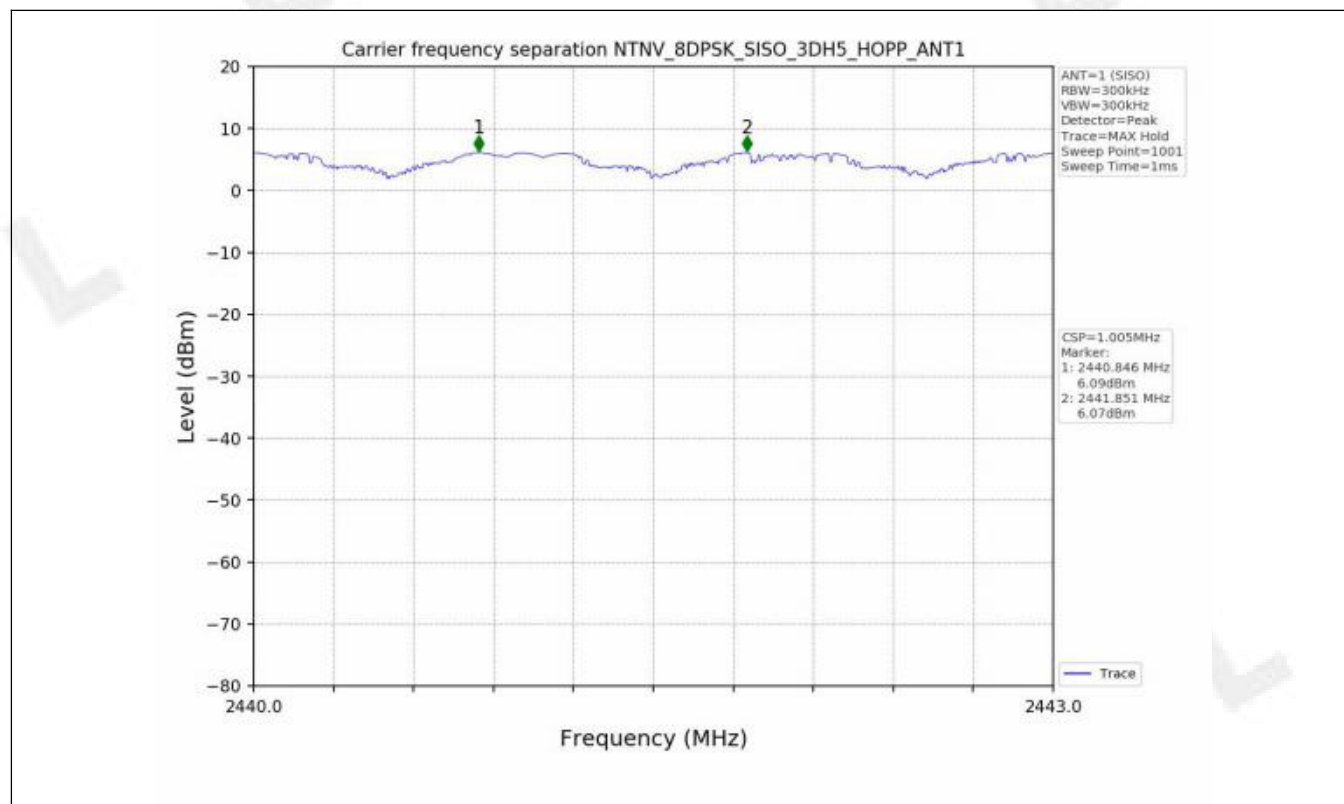
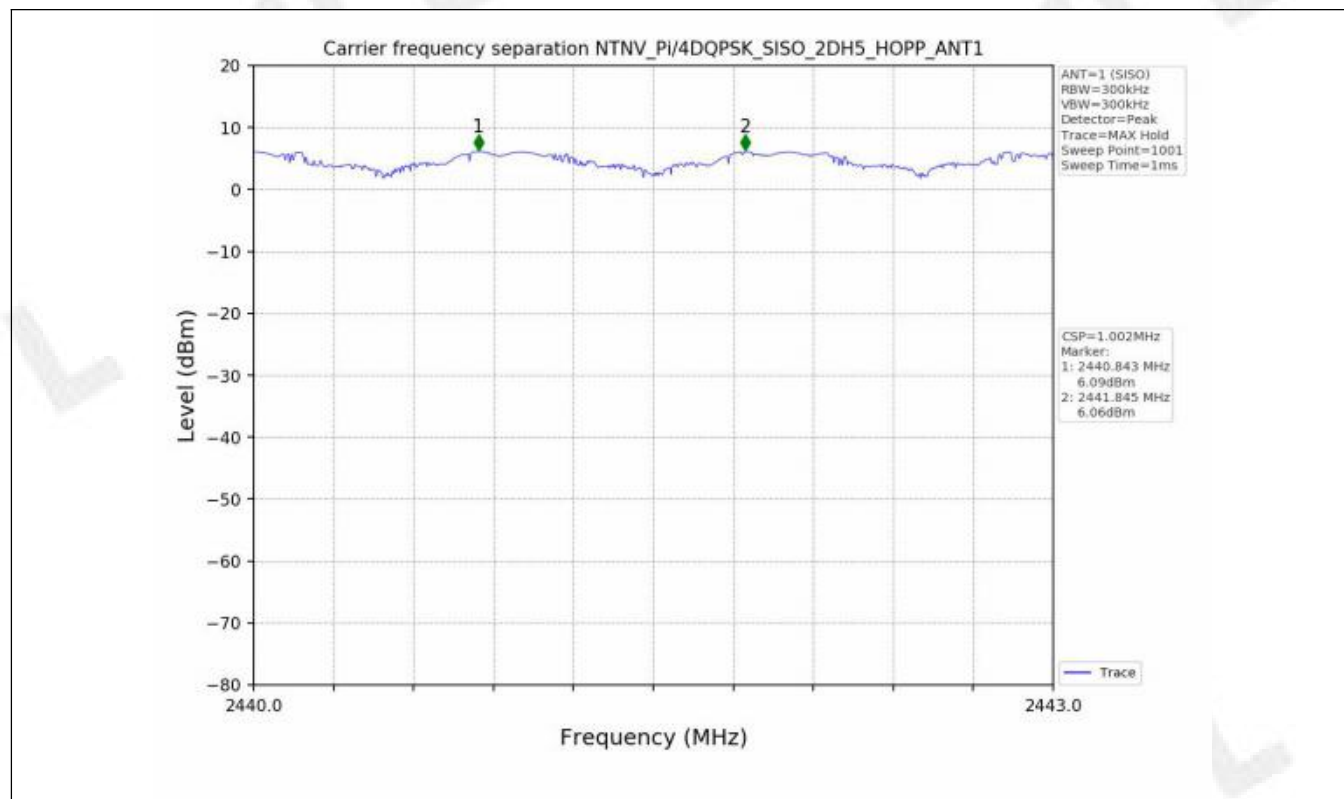
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.005	0.863	≥ 0.863	PASS
PI/4DQPSK	SISO	1	1.002	1.229	≥ 0.819	PASS
8DPSK	SISO	1	1.005	1.261	≥ 0.841	PASS

3.2 Test Graph



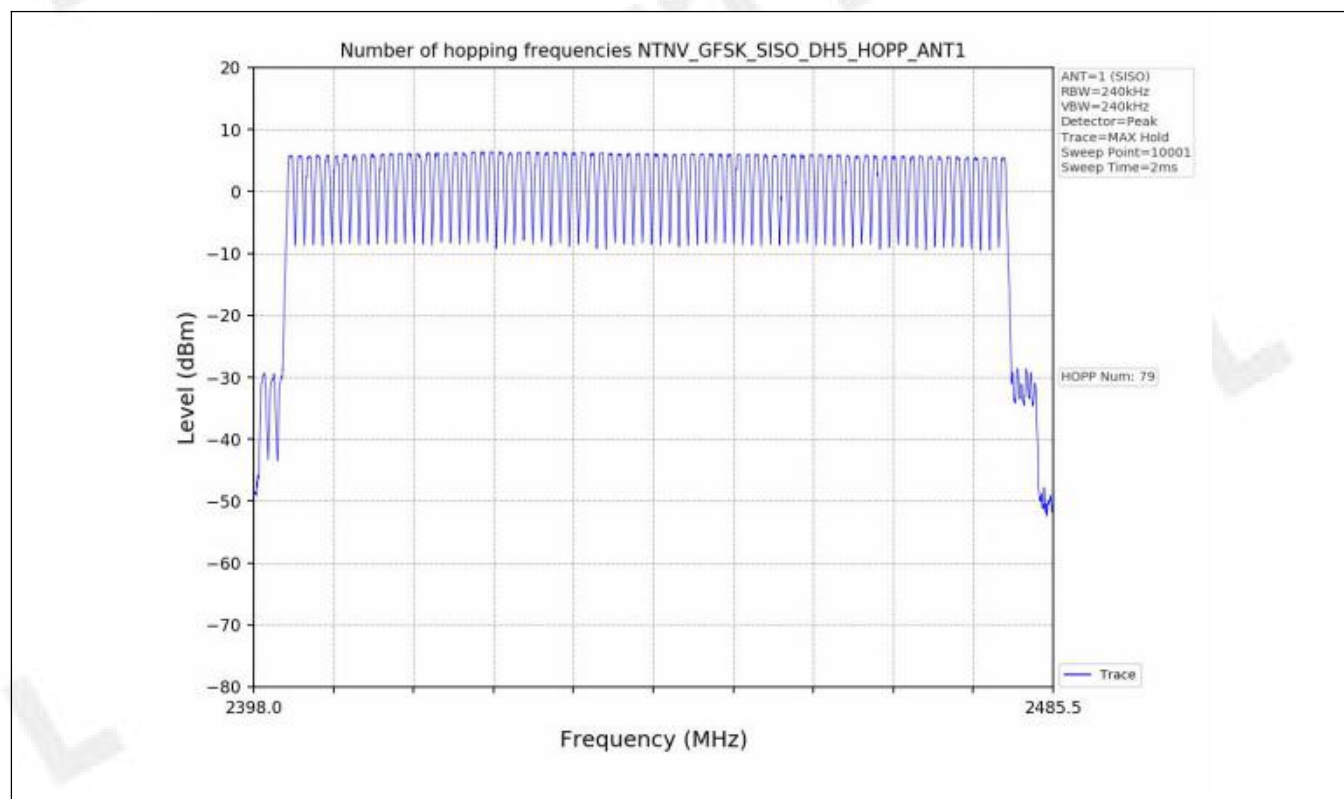


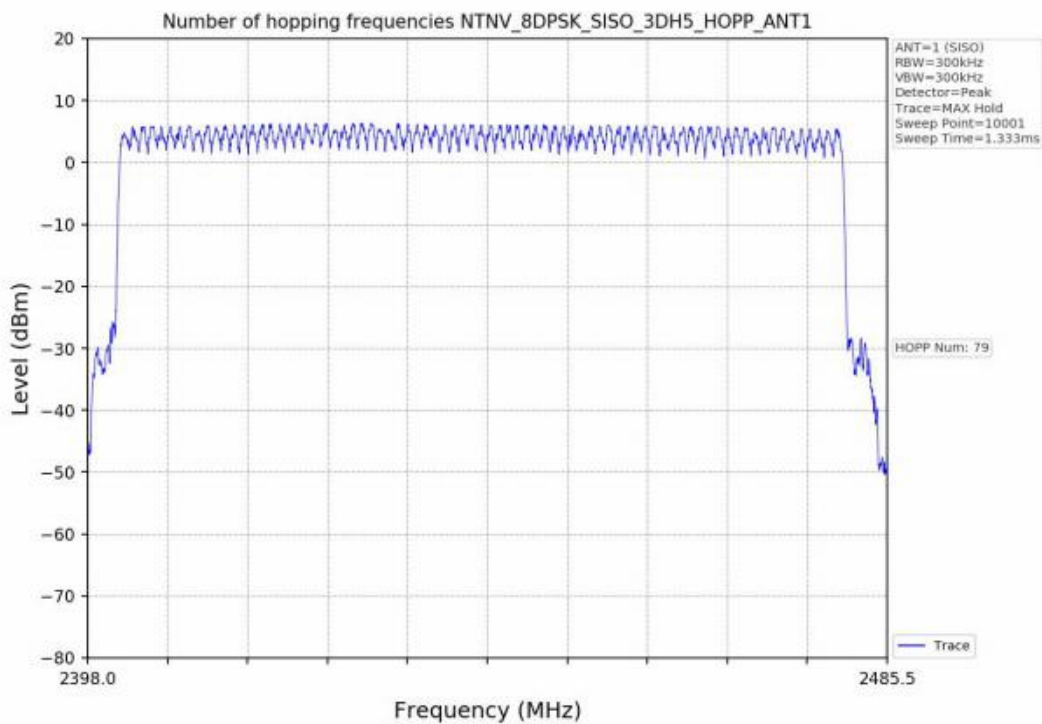
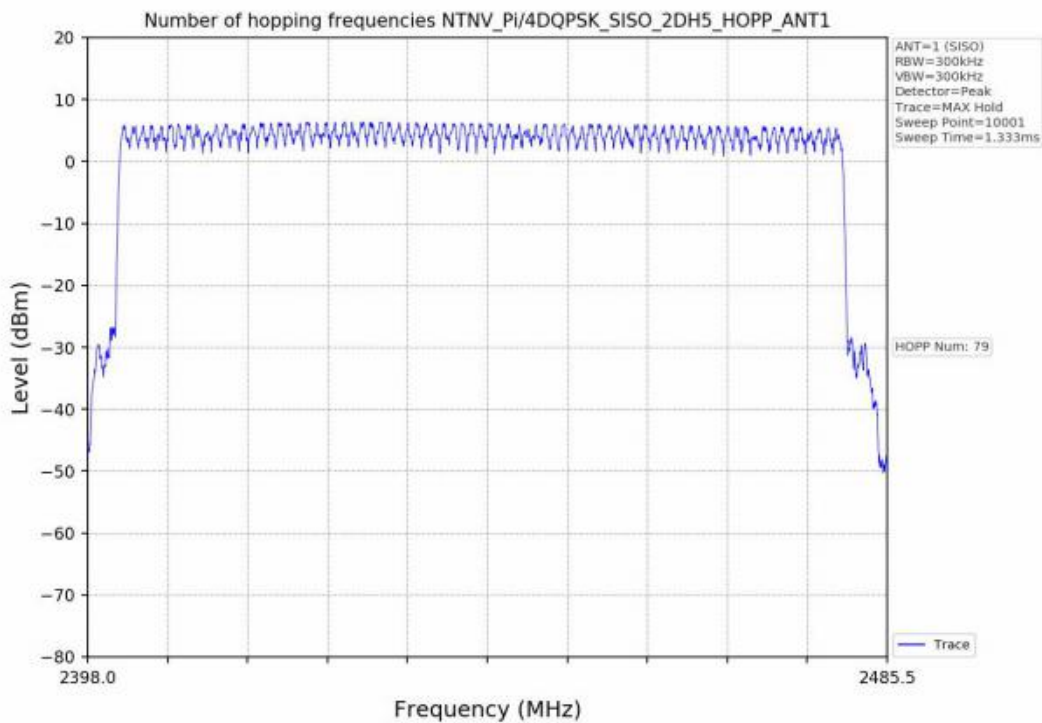
4. Number of hopping frequencies

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



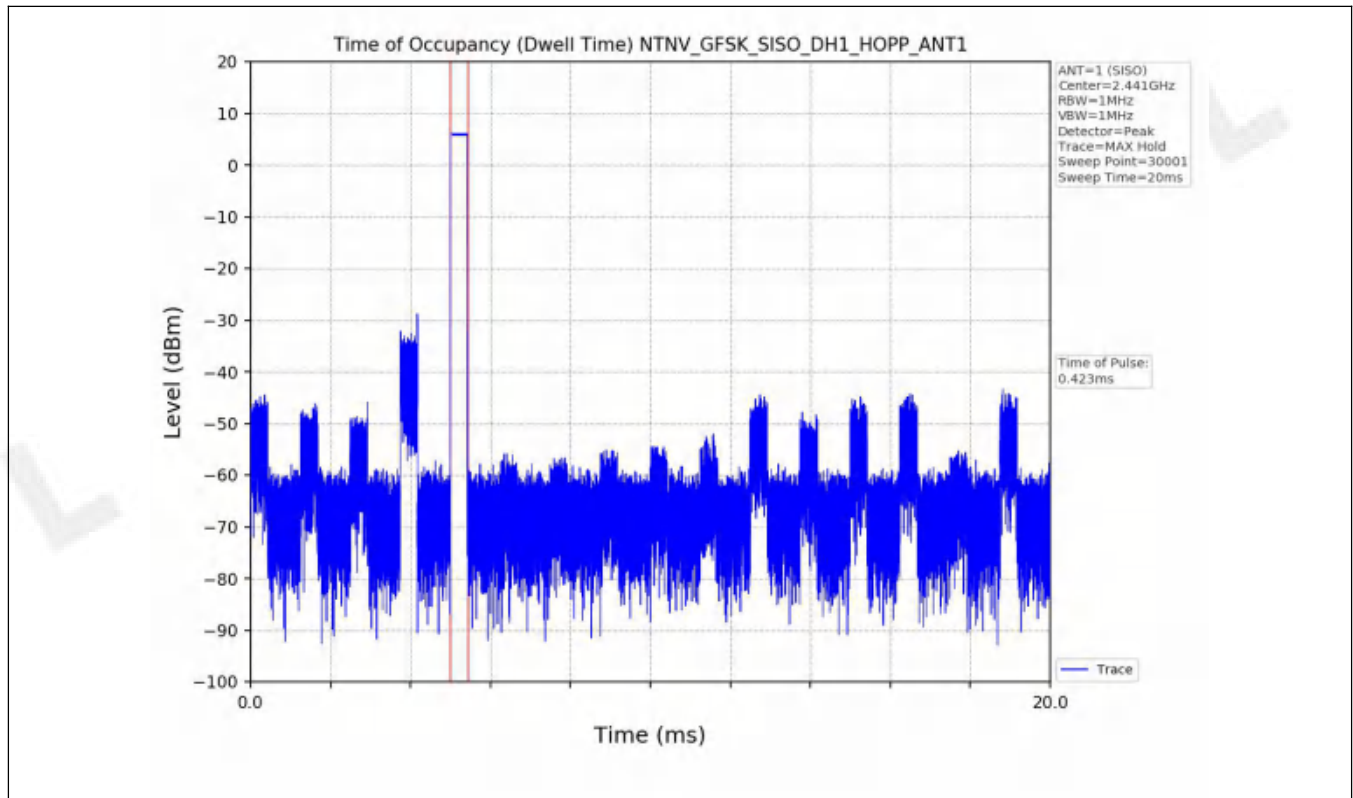


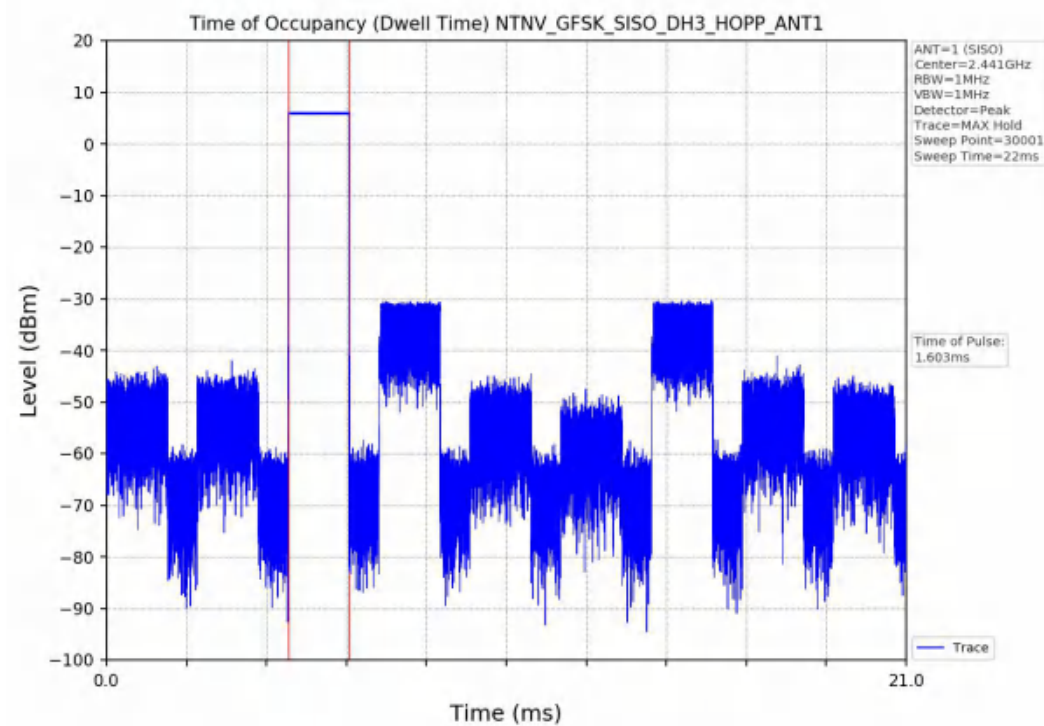
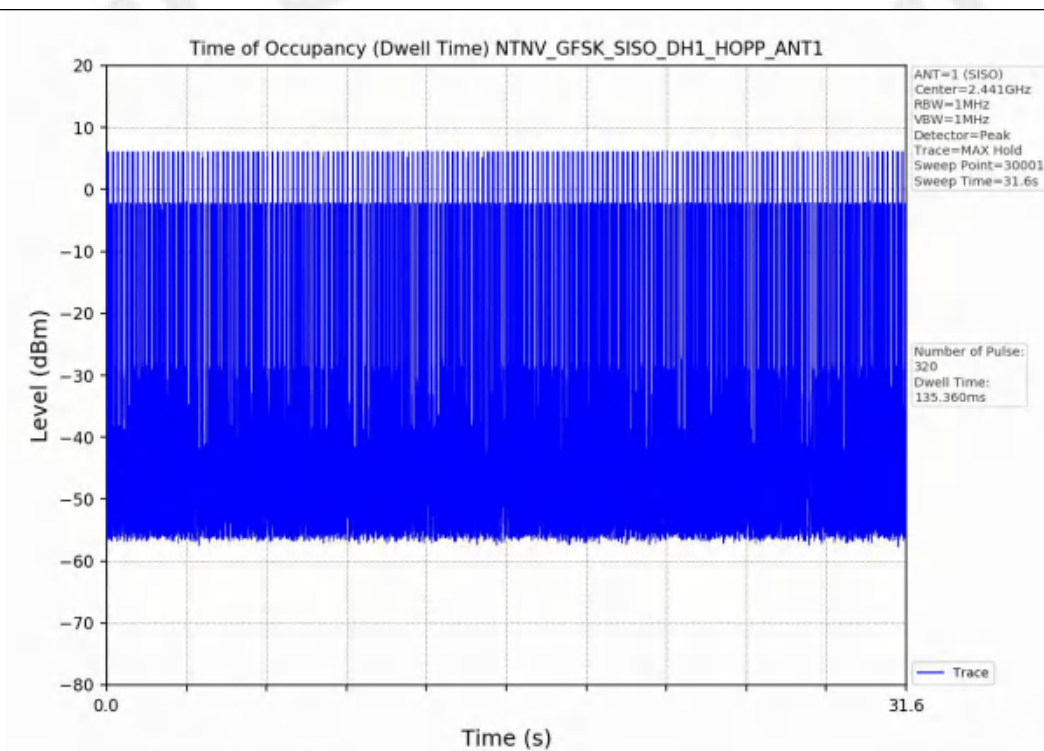
5. Time of Occupancy (Dwell Time)

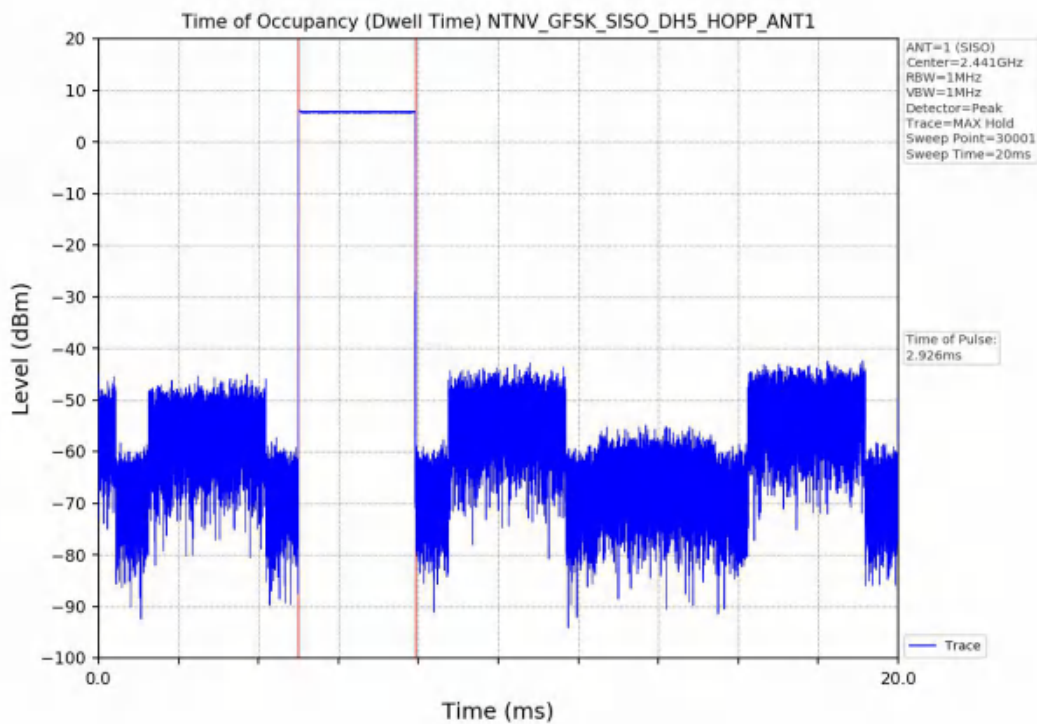
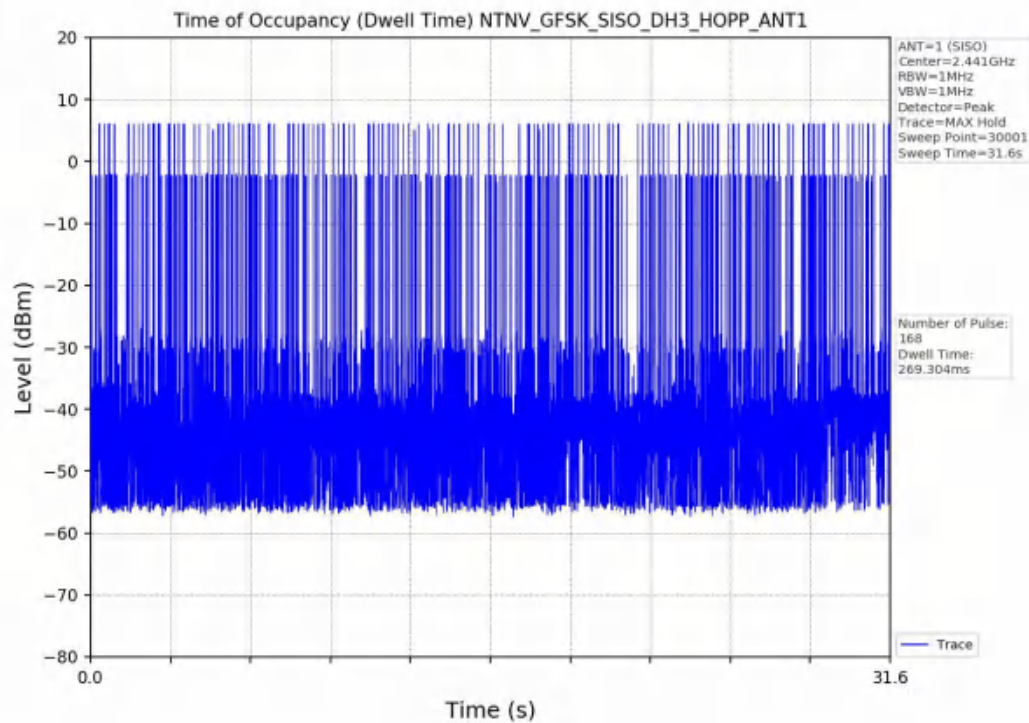
5.1 Test Result

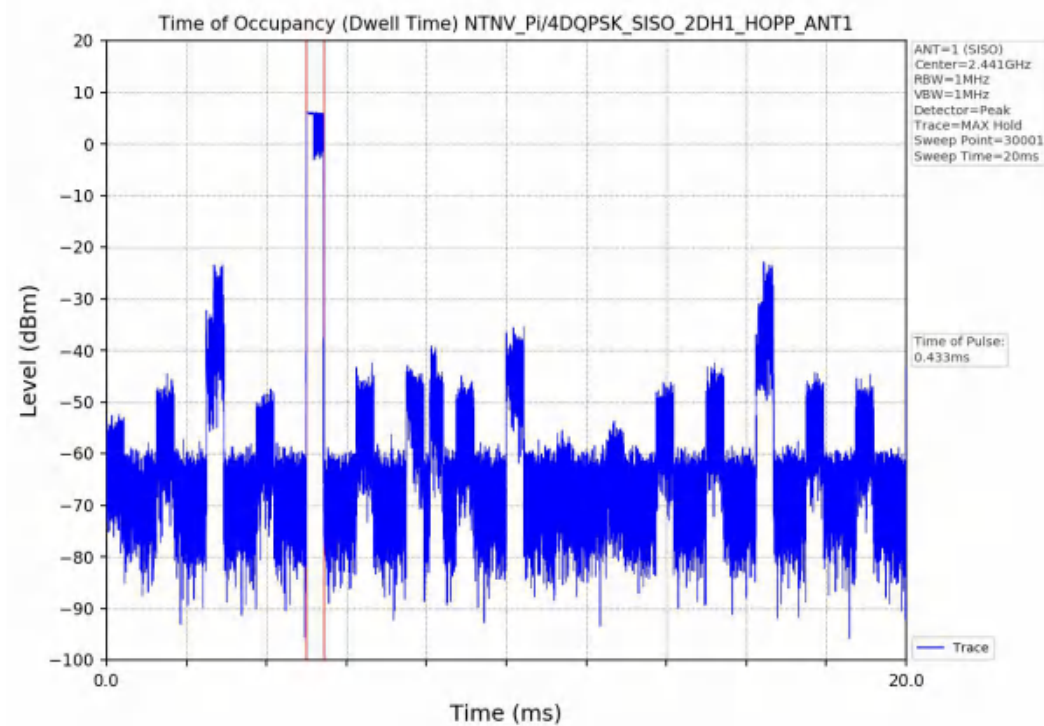
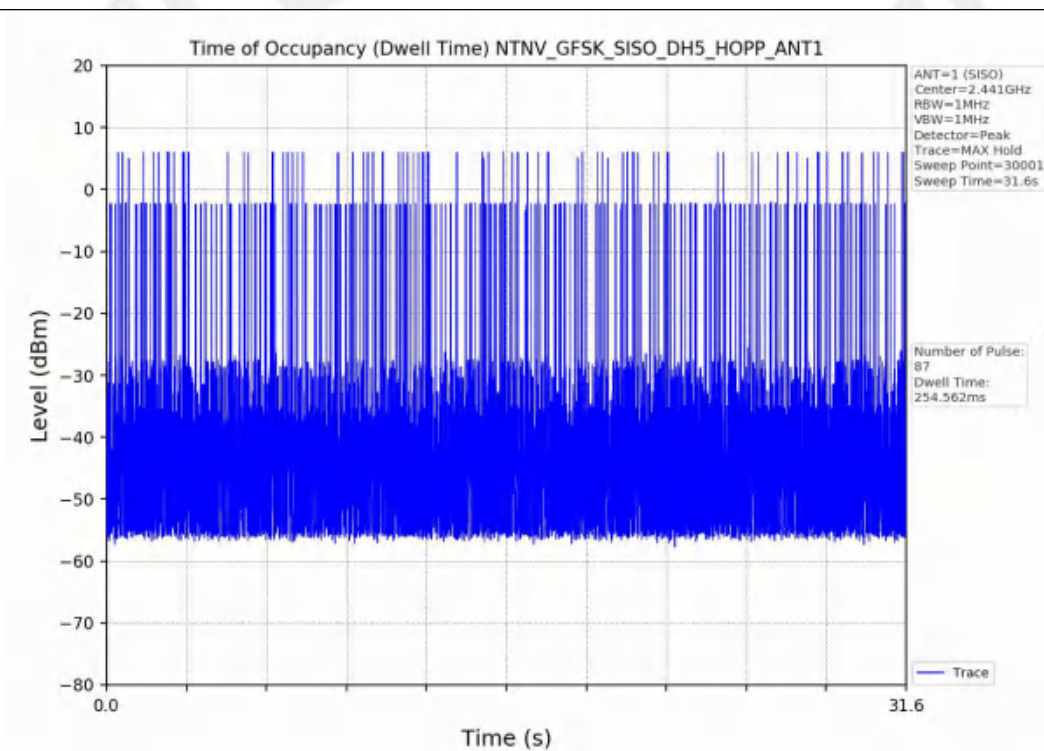
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.423	31.6	320	135.360	≤400	PASS
	DH3	SISO	1	1.603	31.6	168	269.304	≤400	PASS
	DH5	SISO	1	2.926	31.6	87	254.562	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.433	31.6	320	138.560	≤400	PASS
	2DH3	SISO	1	1.685	31.6	163	274.655	≤400	PASS
	2DH5	SISO	1	2.933	31.6	107	313.831	≤400	PASS
8DPSK	3DH1	SISO	1	0.434	31.6	320	138.880	≤400	PASS
	3DH3	SISO	1	1.684	31.6	152	255.968	≤400	PASS
	3DH5	SISO	1	2.935	31.6	106	311.110	≤400	PASS

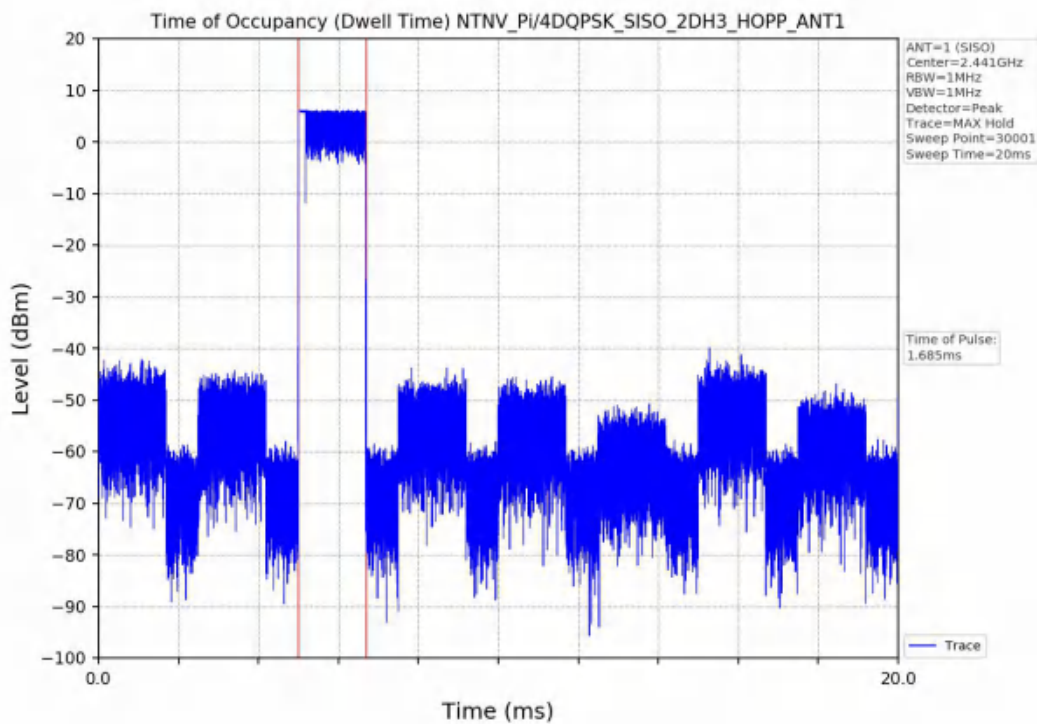
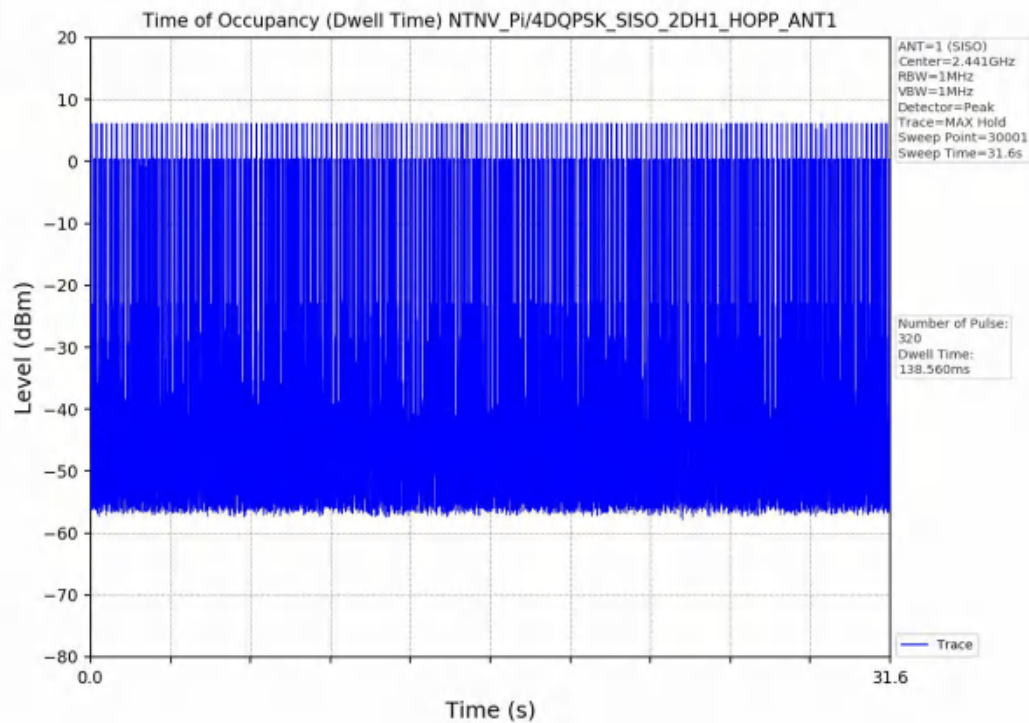
5.2 Test Graph

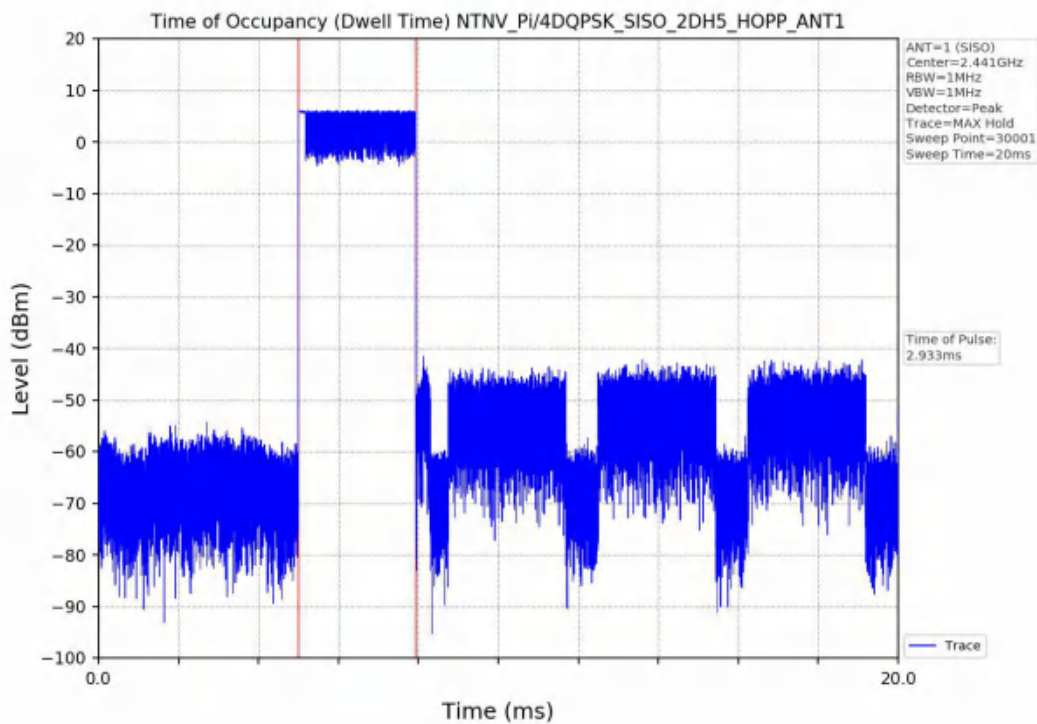
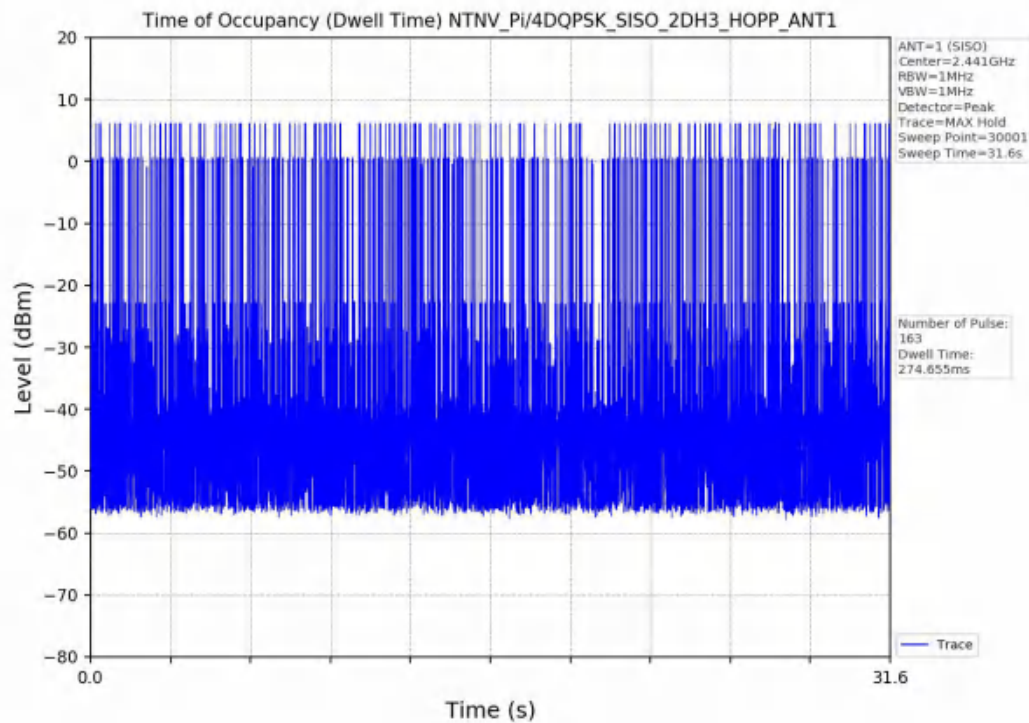


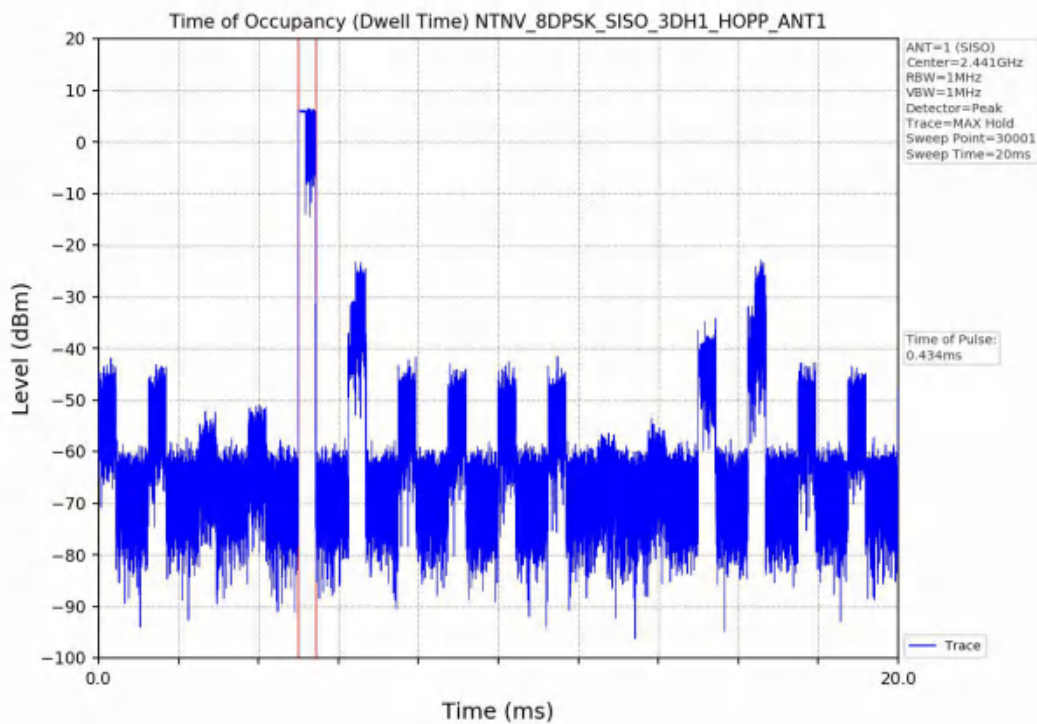
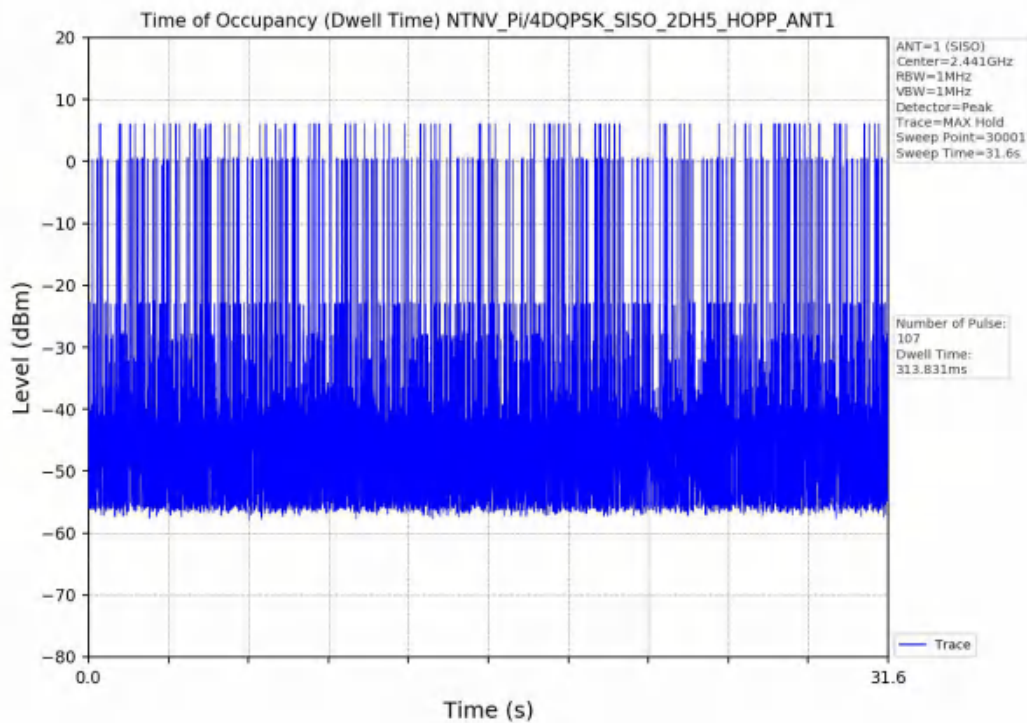


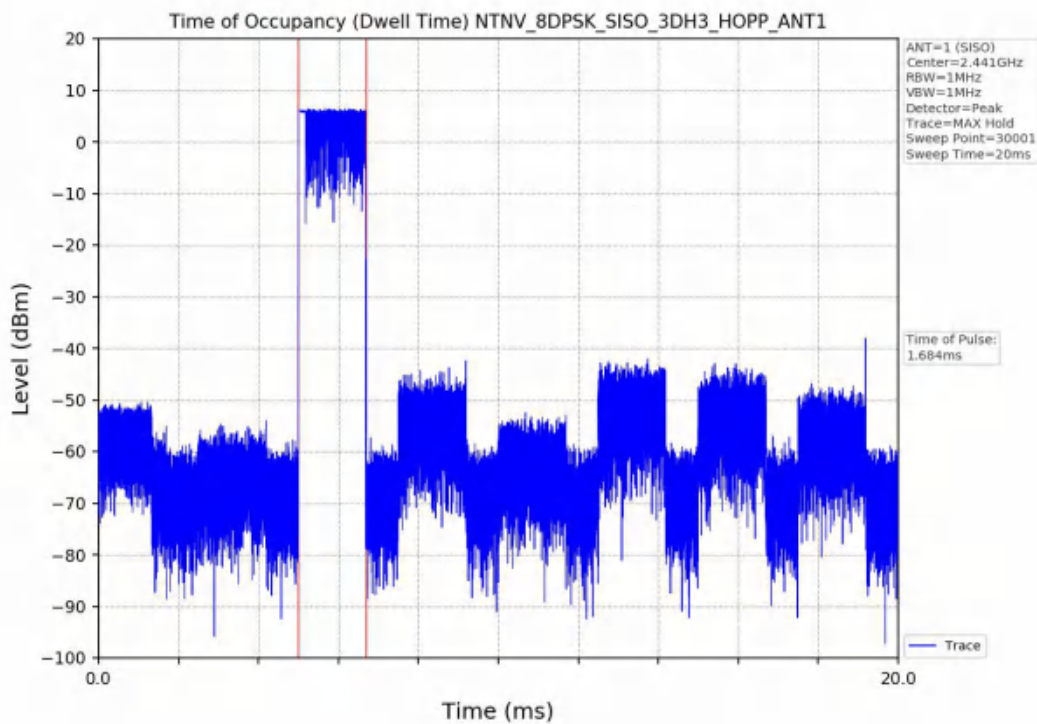
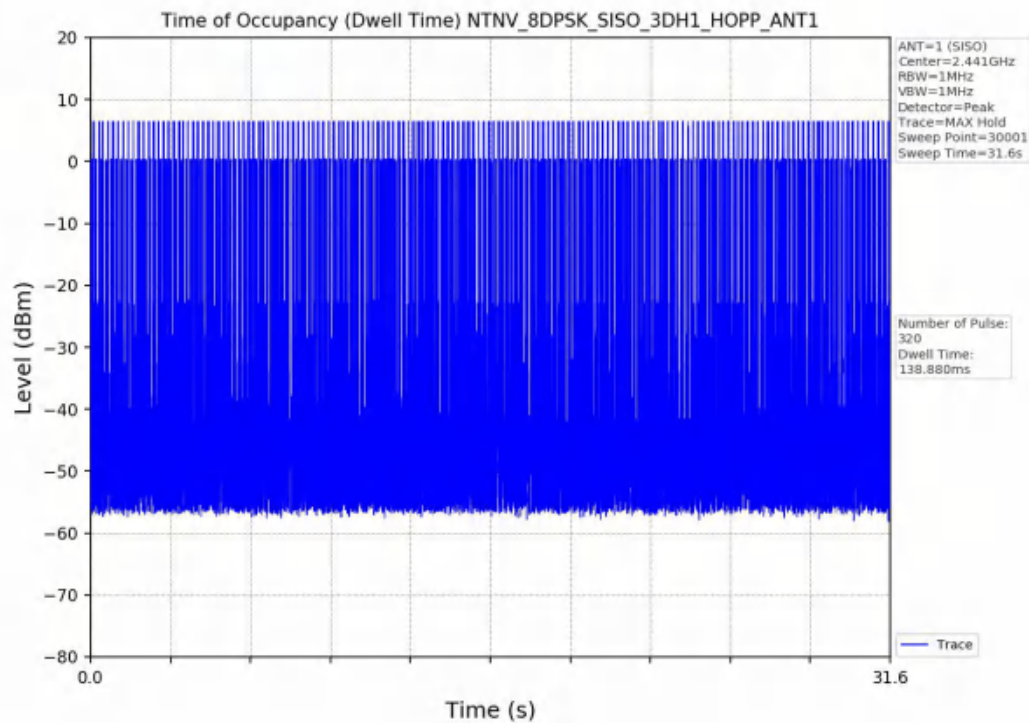


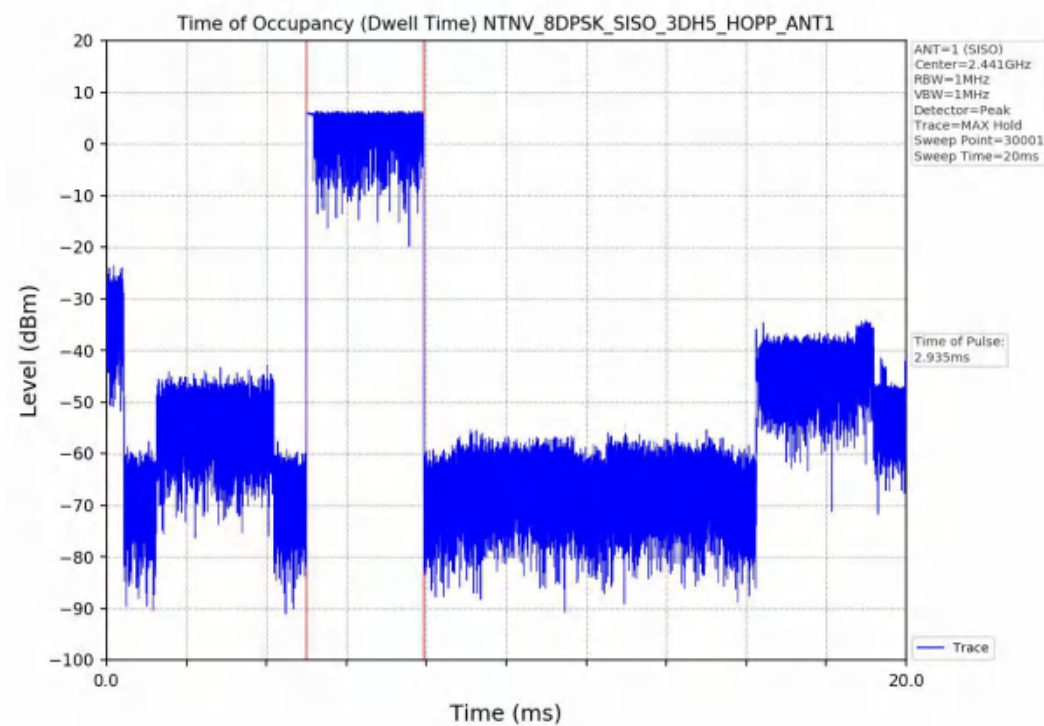
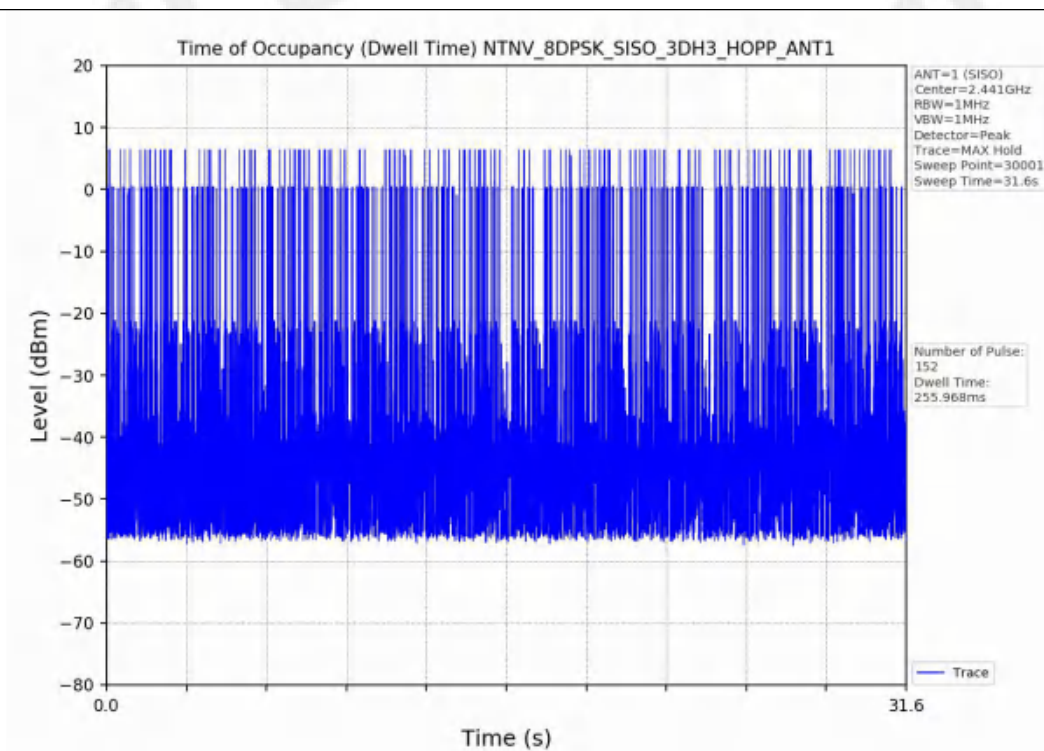


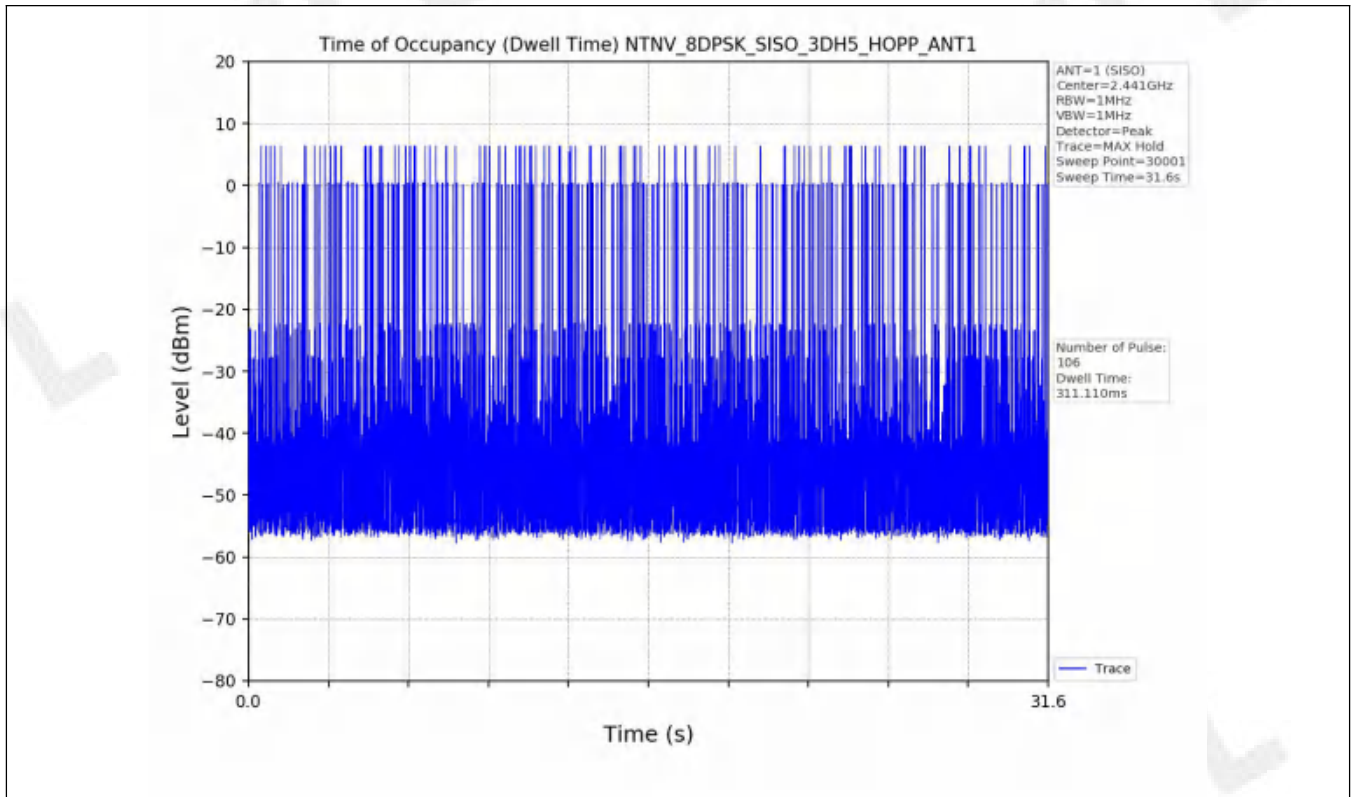












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-14.10	PASS
	2441	SISO	1	Refer to test graph	-14.10	PASS
	2480	SISO	1	Refer to test graph	-14.10	PASS
	Hopping	SISO	1	Refer to test graph	-14.10	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-14.05	PASS
	2441	SISO	1	Refer to test graph	-14.05	PASS
	2480	SISO	1	Refer to test graph	-14.05	PASS
	Hopping	SISO	1	Refer to test graph	-14.05	PASS
8DPSK	2402	SISO	1	Refer to test graph	-14.07	PASS
	2441	SISO	1	Refer to test graph	-14.07	PASS
	2480	SISO	1	Refer to test graph	-14.07	PASS

	Hopping	SISO	1	Refer to test graph	-14.07	PASS
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6.2 Test Graph

