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Appendix for 15.247

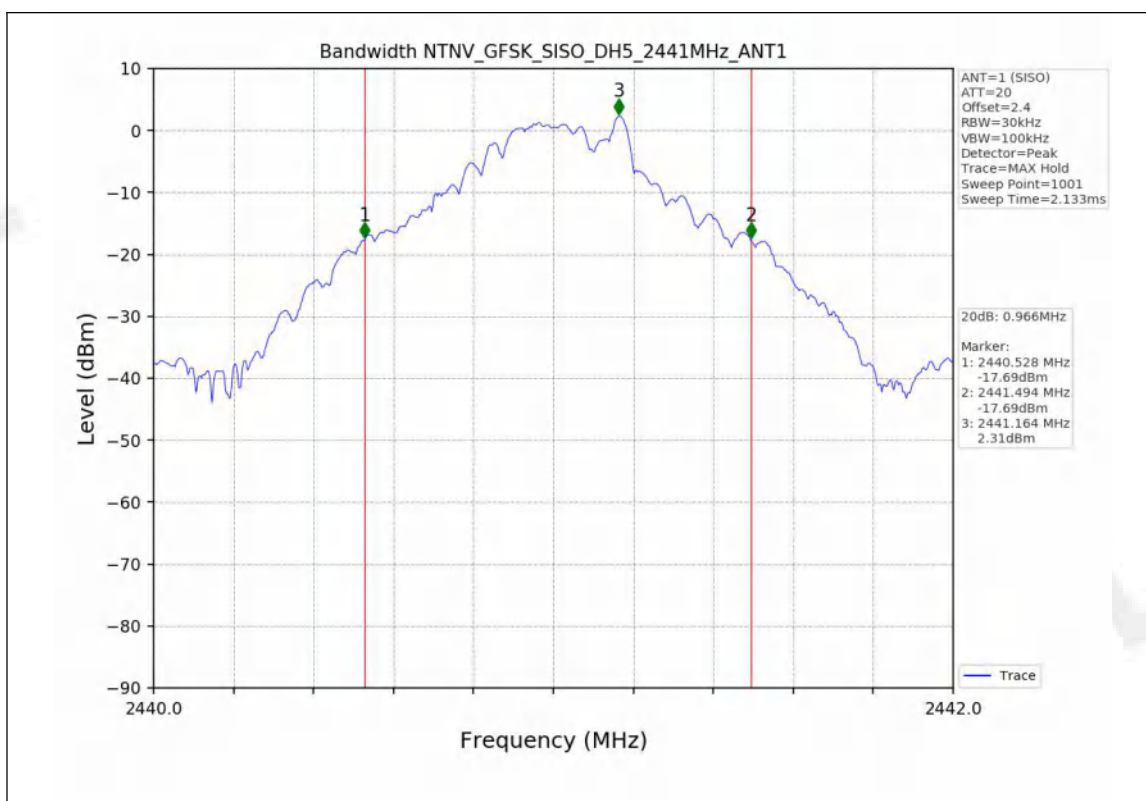
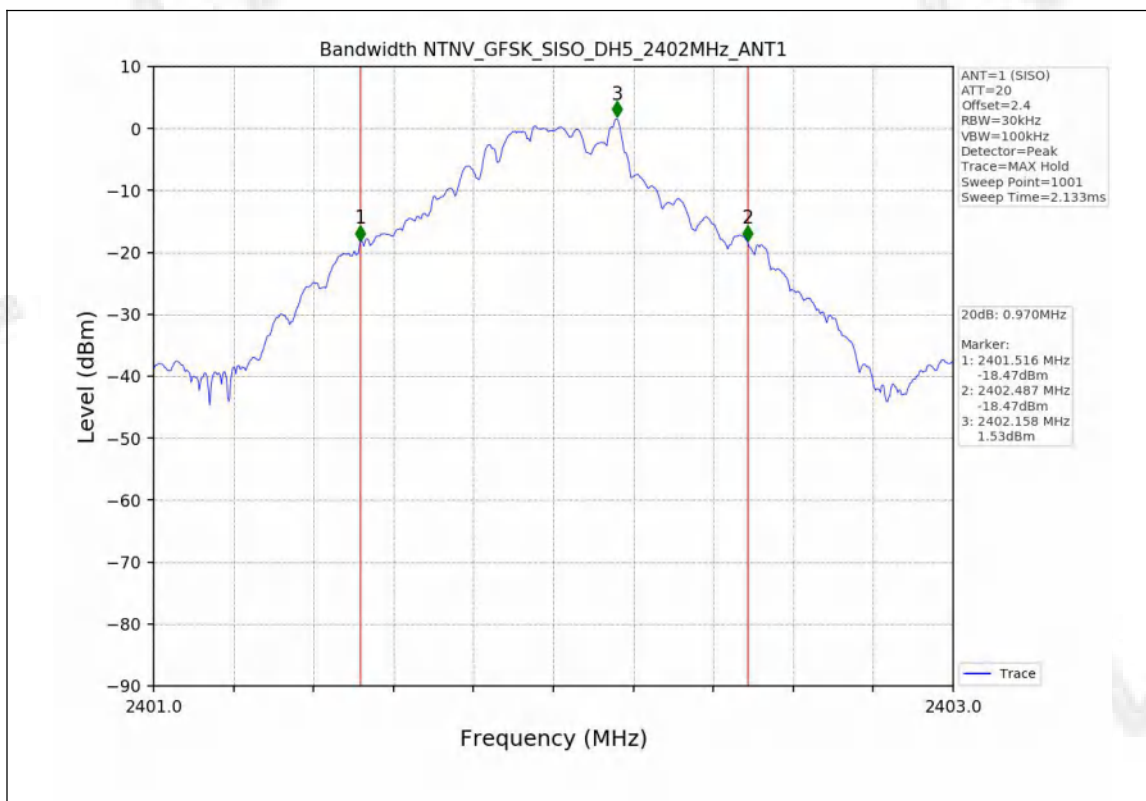
1. Bandwidth

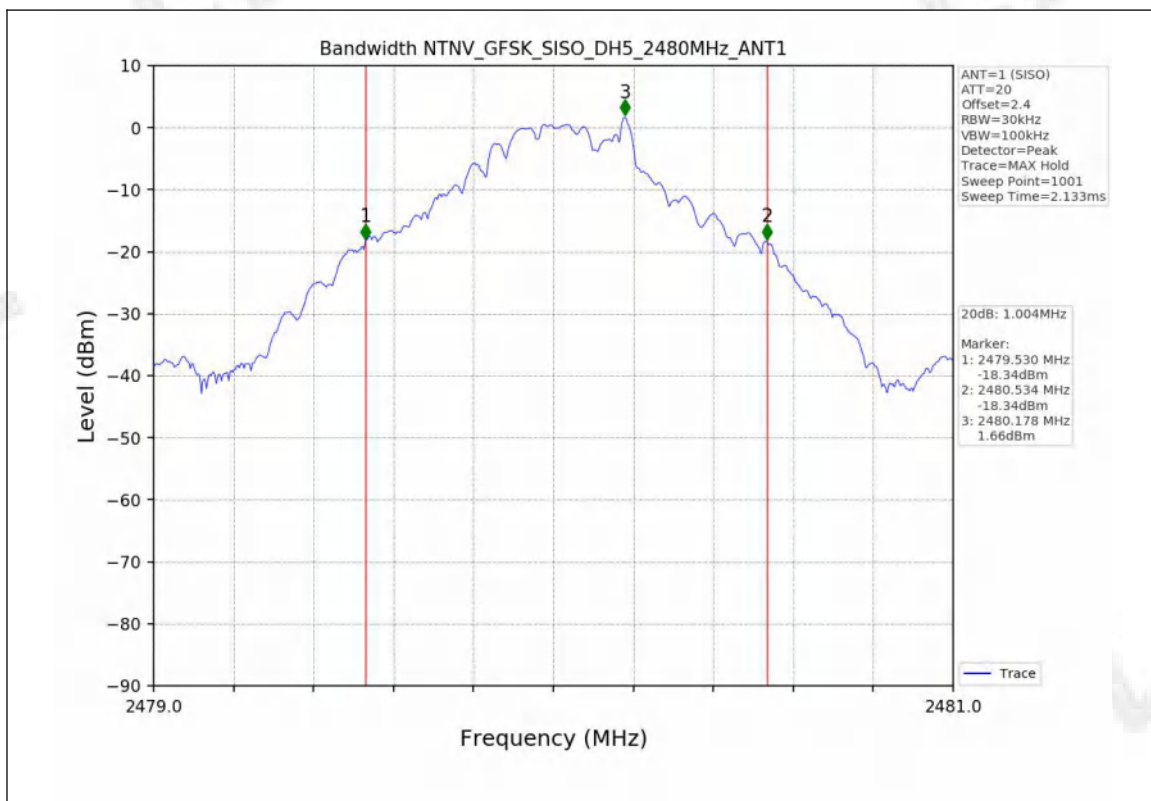
1.1 Test Result

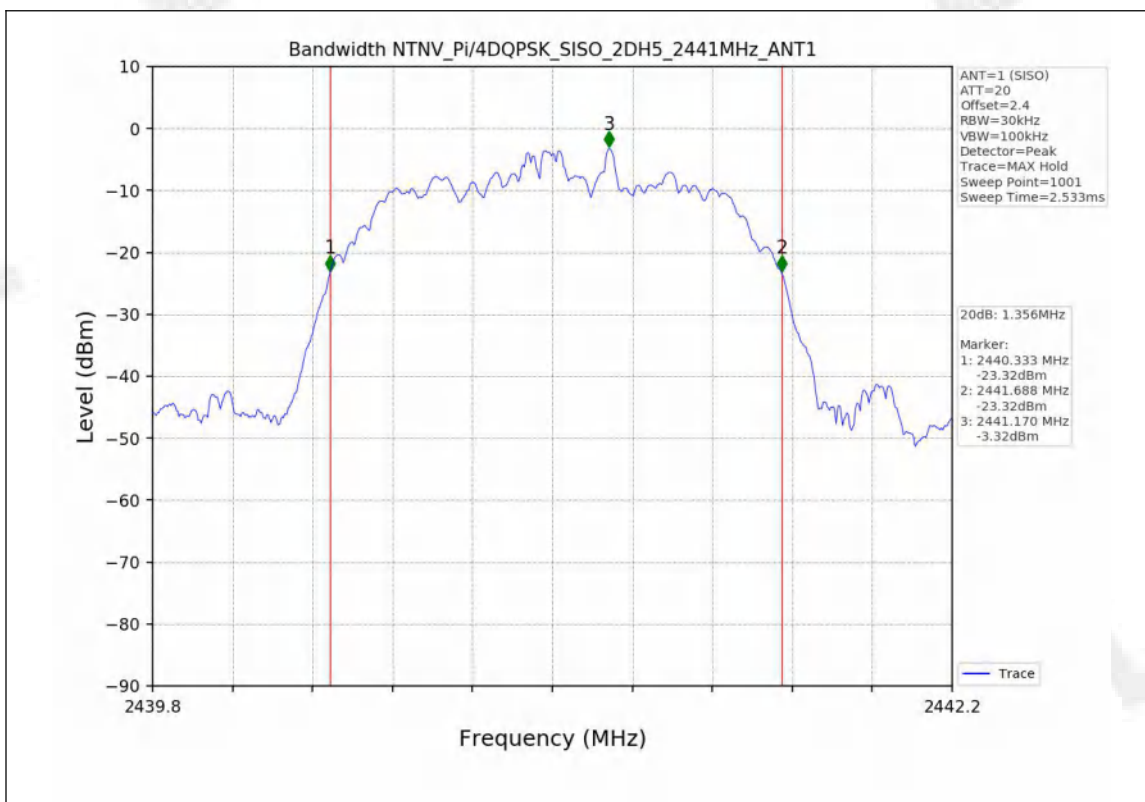
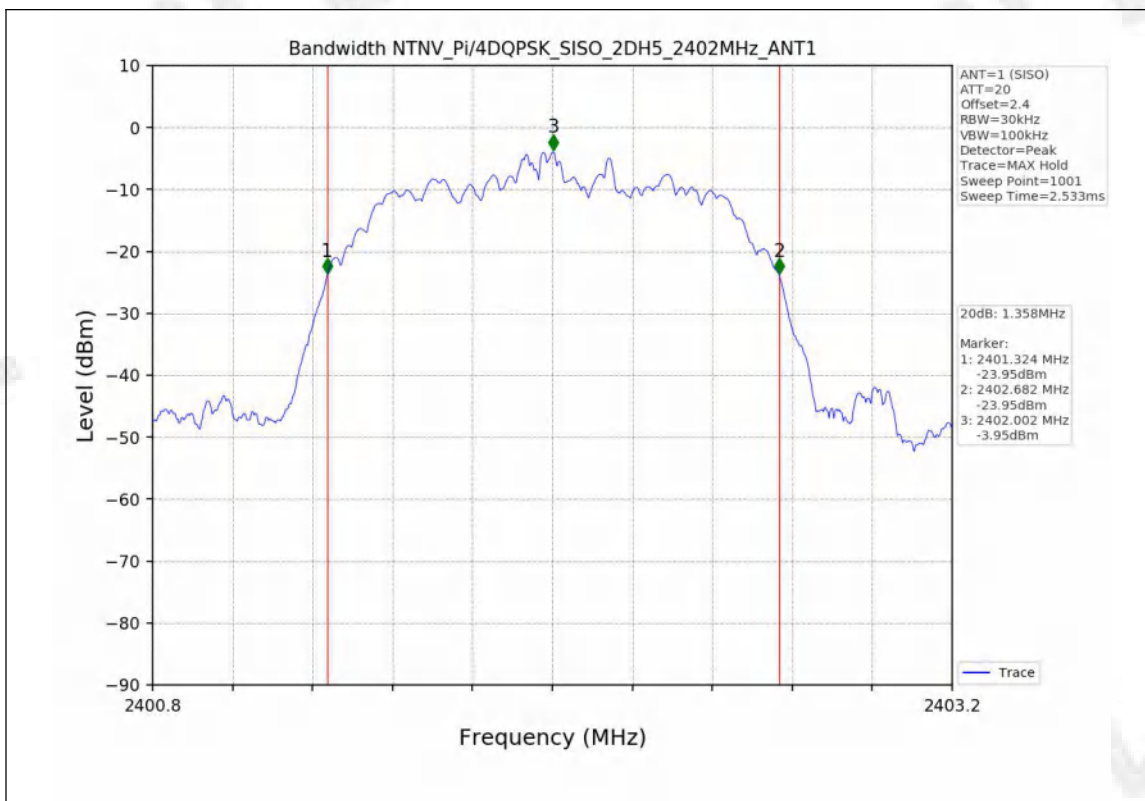
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.970	PASS
	2441	SISO	1	0.966	PASS
	2480	SISO	1	1.004	PASS
Pi/4DQPSK	2402	SISO	1	1.358	PASS
	2441	SISO	1	1.356	PASS
	2480	SISO	1	1.357	PASS
8DPSK	2402	SISO	1	1.316	PASS
	2441	SISO	1	1.316	PASS
	2480	SISO	1	1.318	PASS

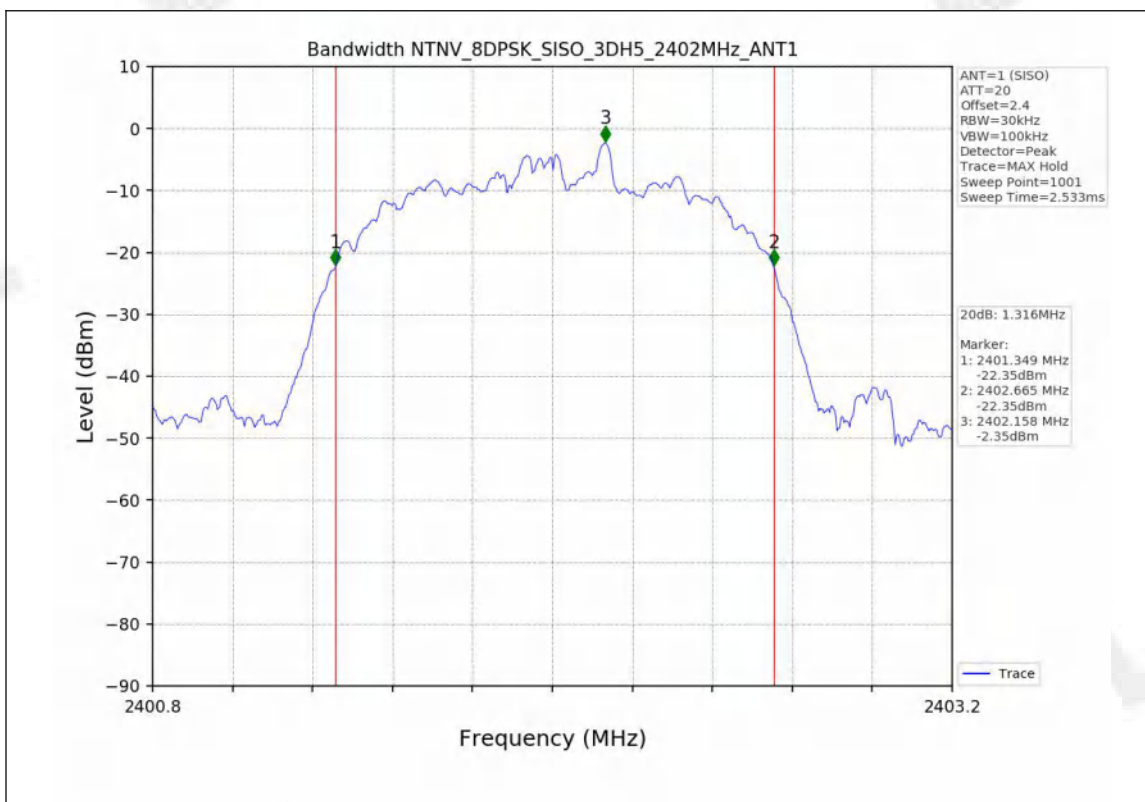
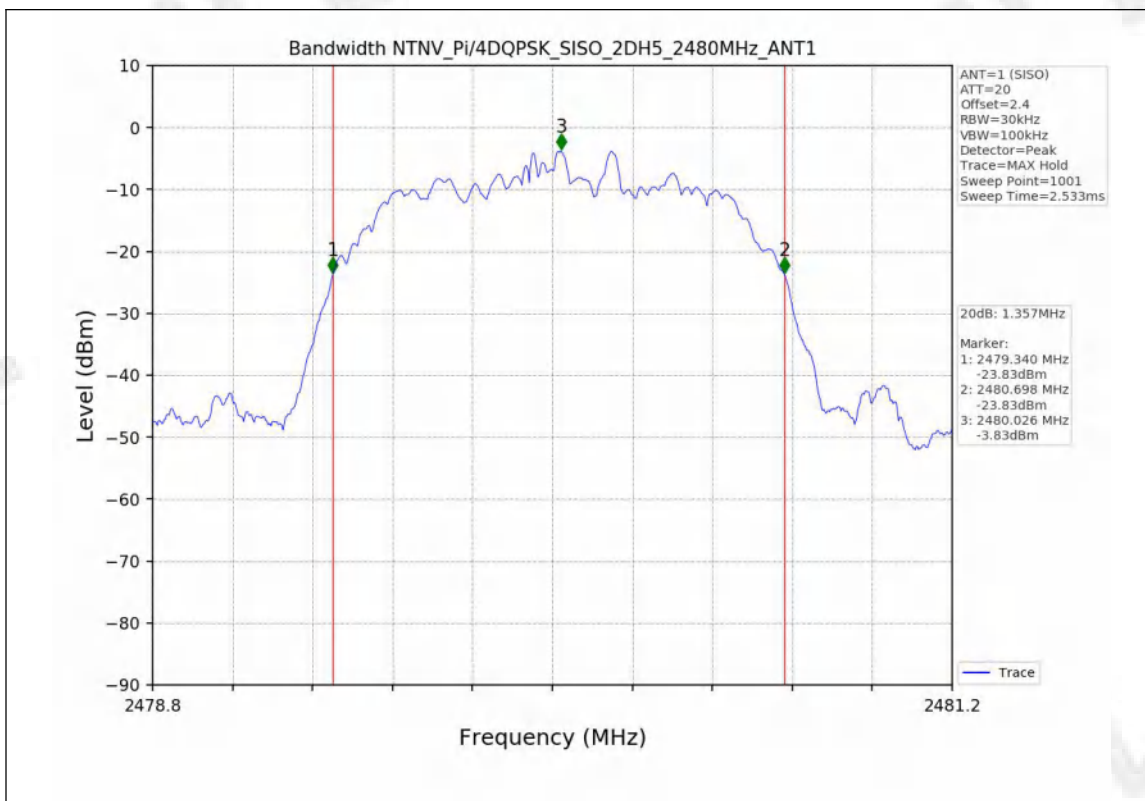
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.898	Only for Report Use
	2441	SISO	1	0.894	Only for Report Use
	2480	SISO	1	0.899	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.206	Only for Report Use
	2441	SISO	1	1.202	Only for Report Use
	2480	SISO	1	1.203	Only for Report Use
8DPSK	2402	SISO	1	1.211	Only for Report Use
	2441	SISO	1	1.210	Only for Report Use
	2480	SISO	1	1.212	Only for Report Use

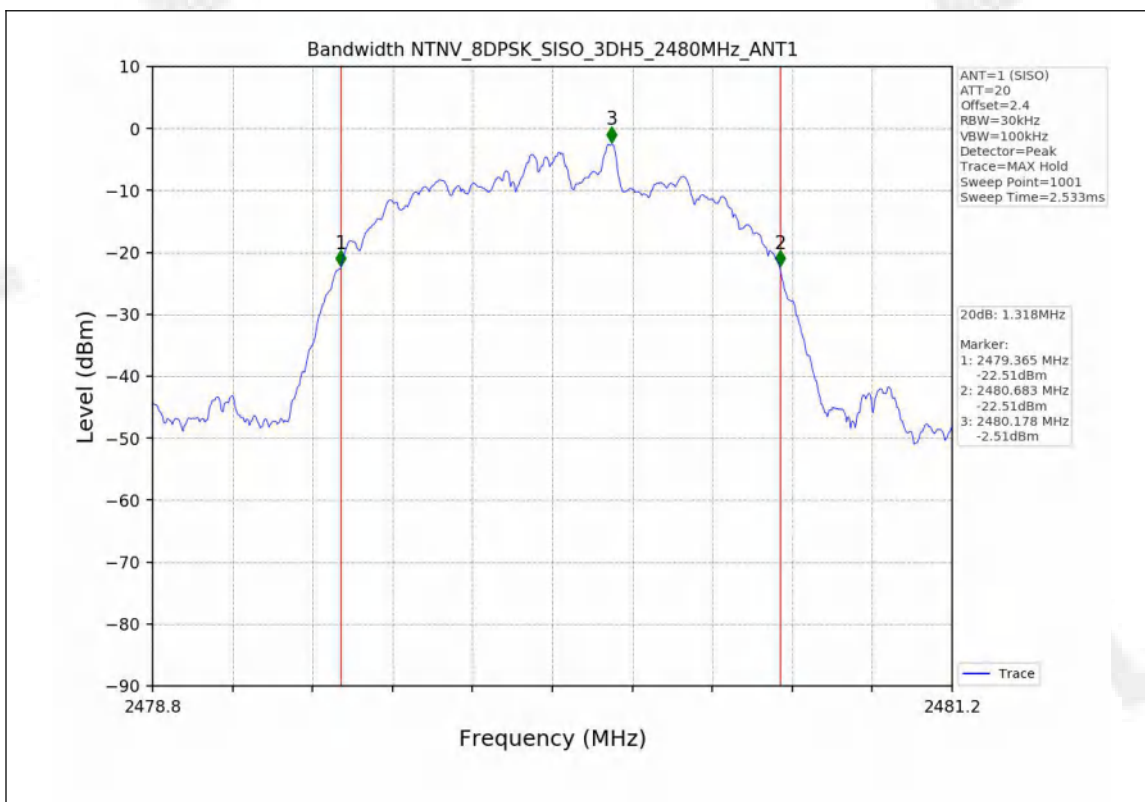
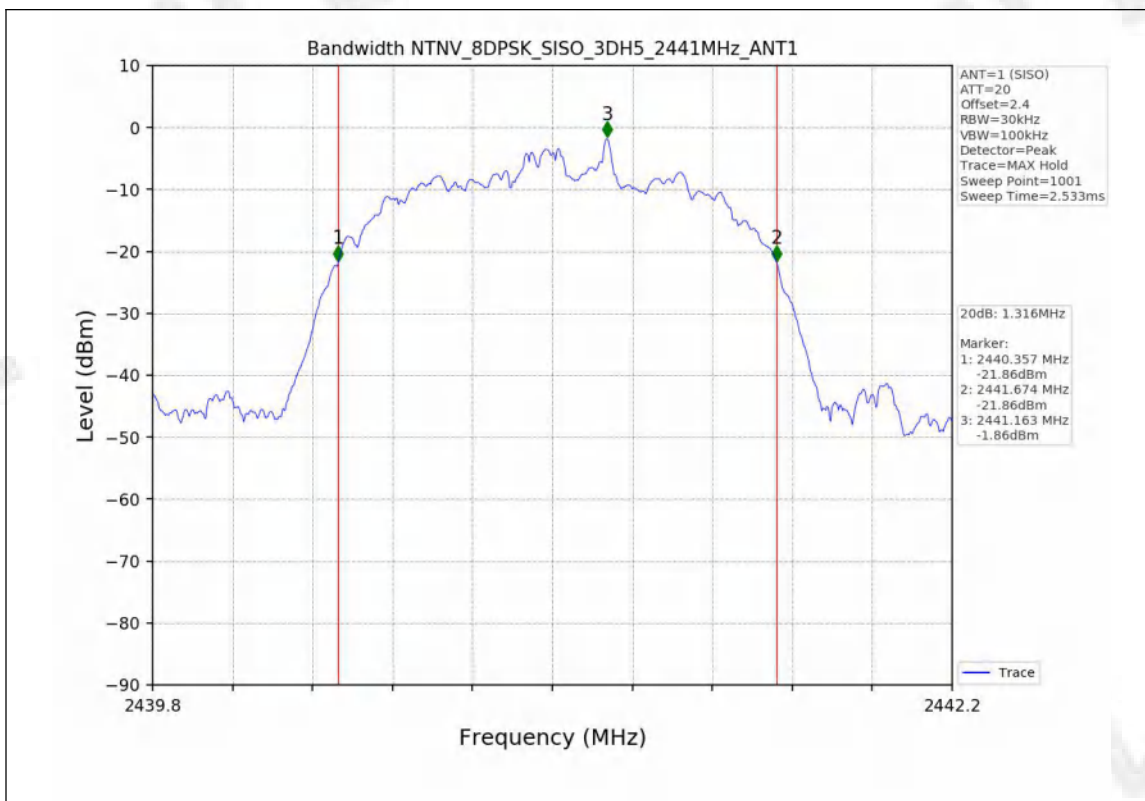
1.2 Test Graph - 20dB Bandwidth



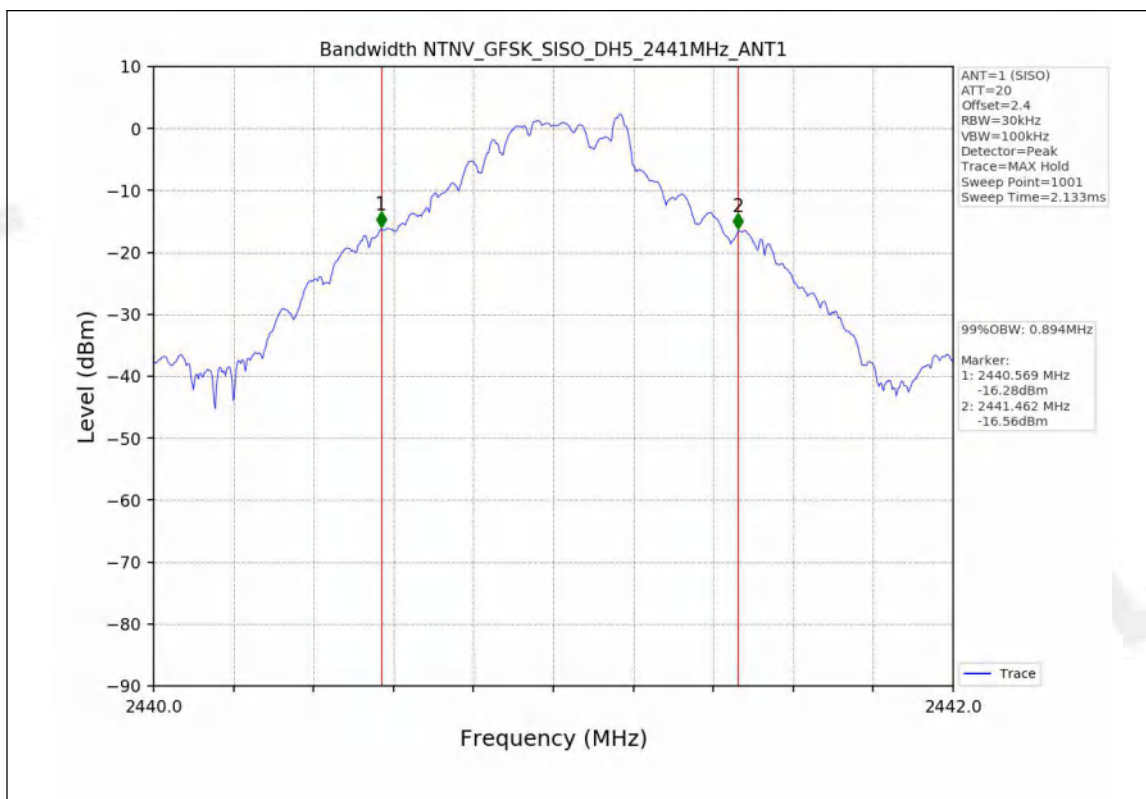
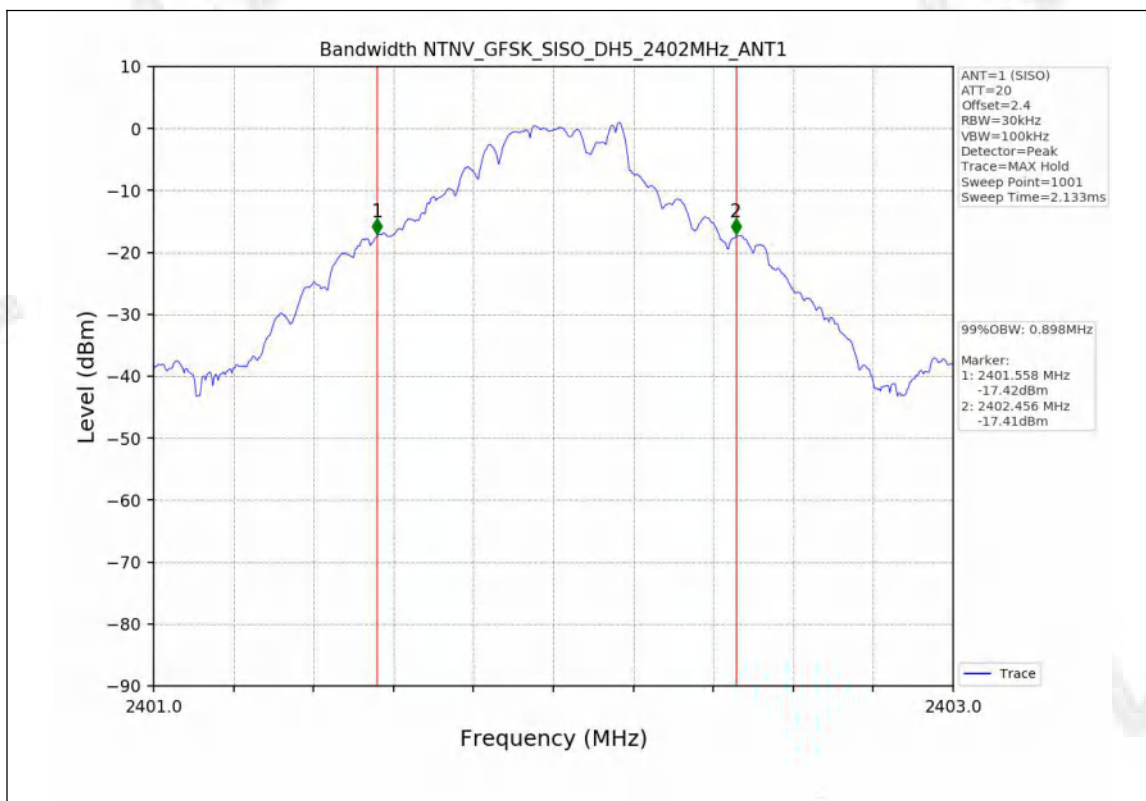


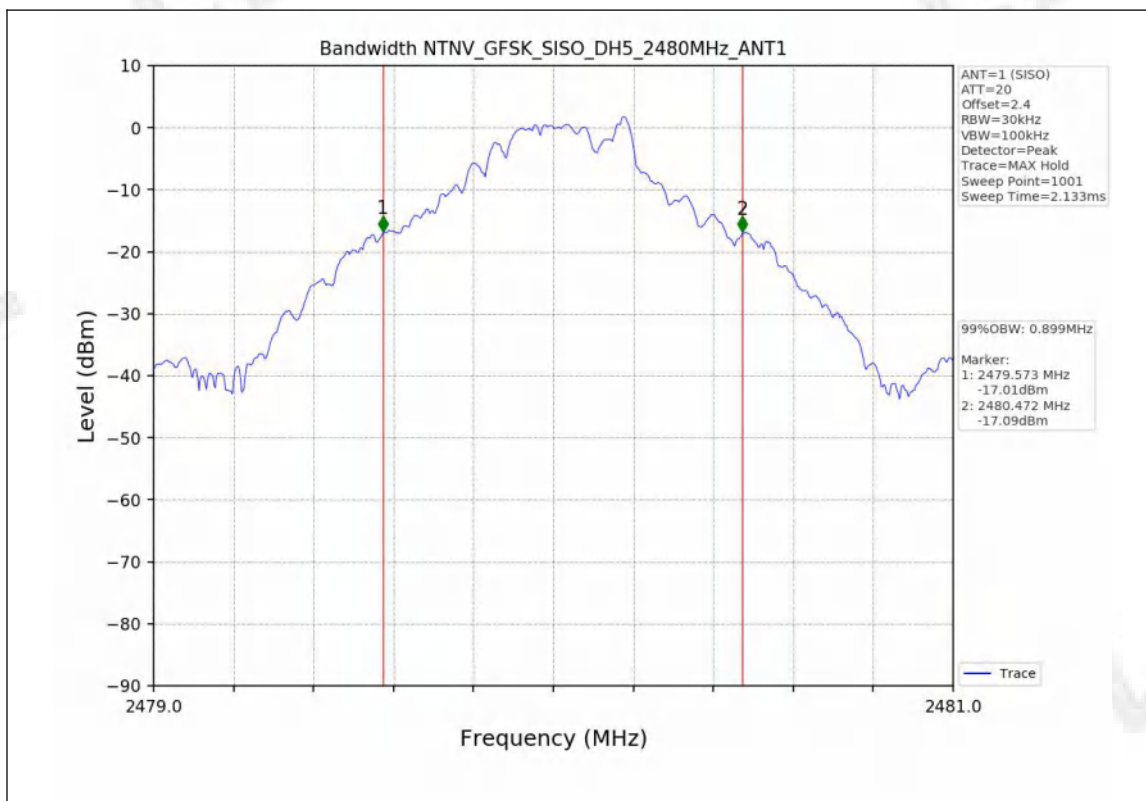


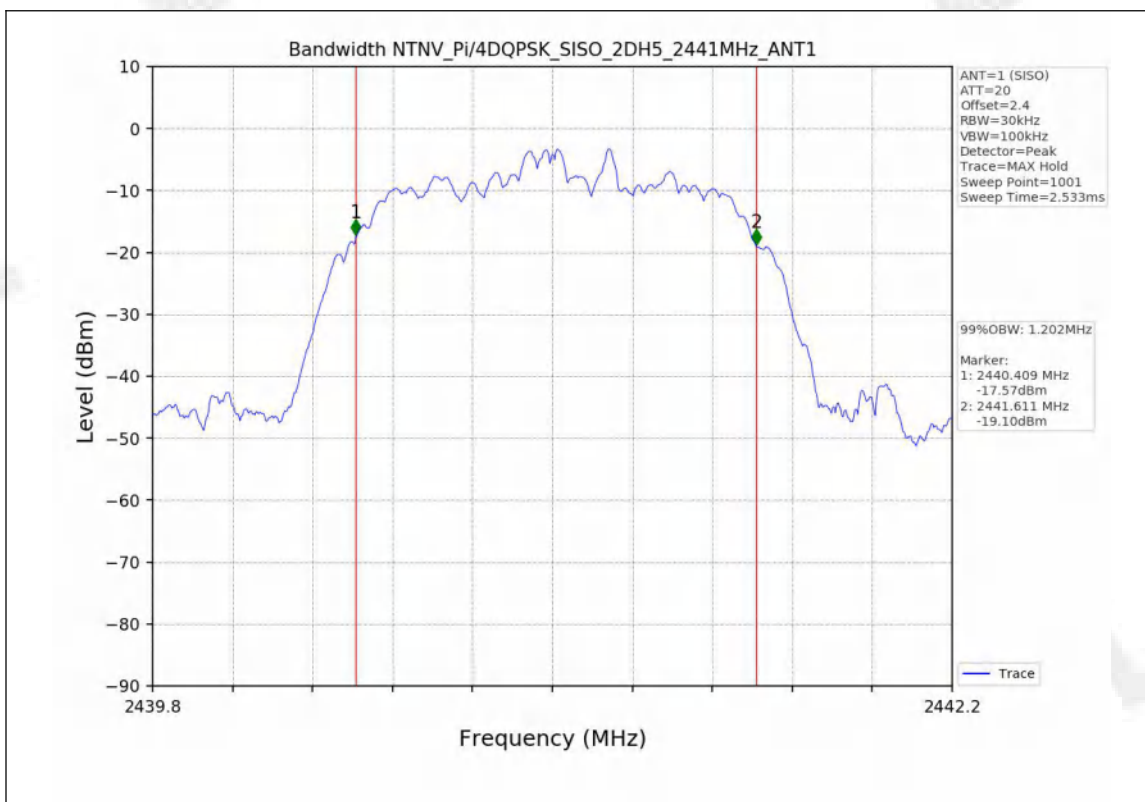
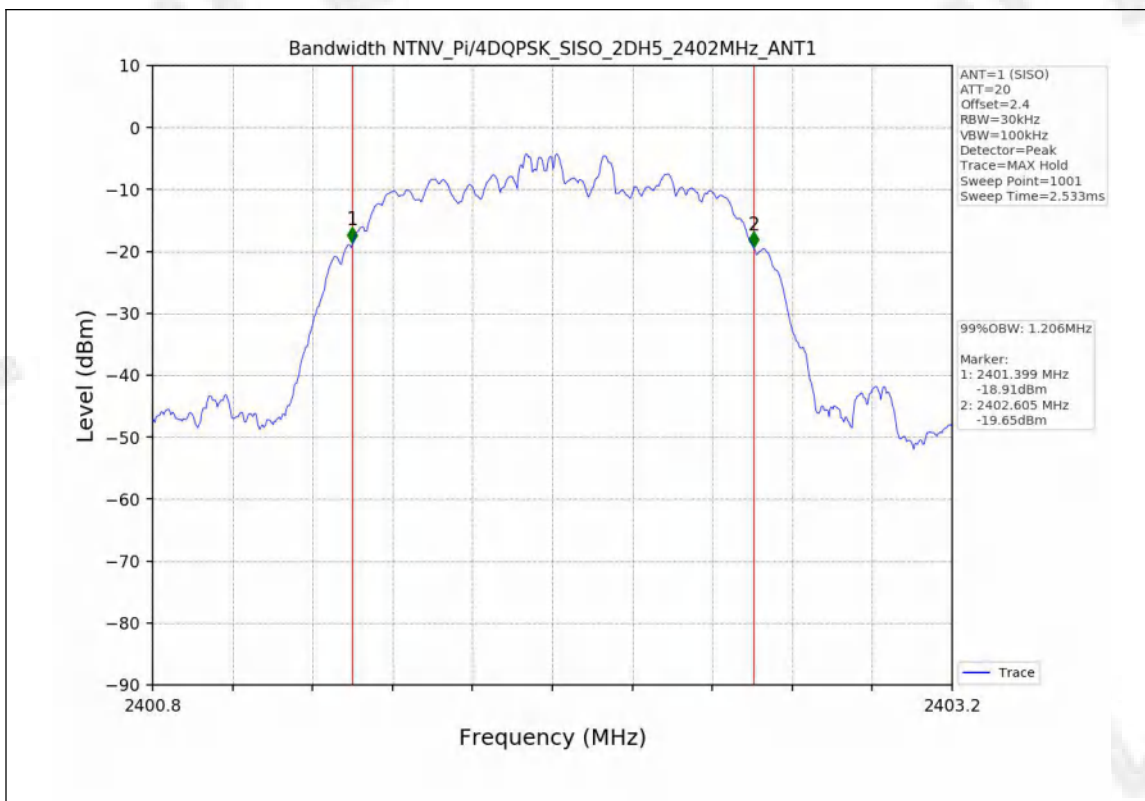


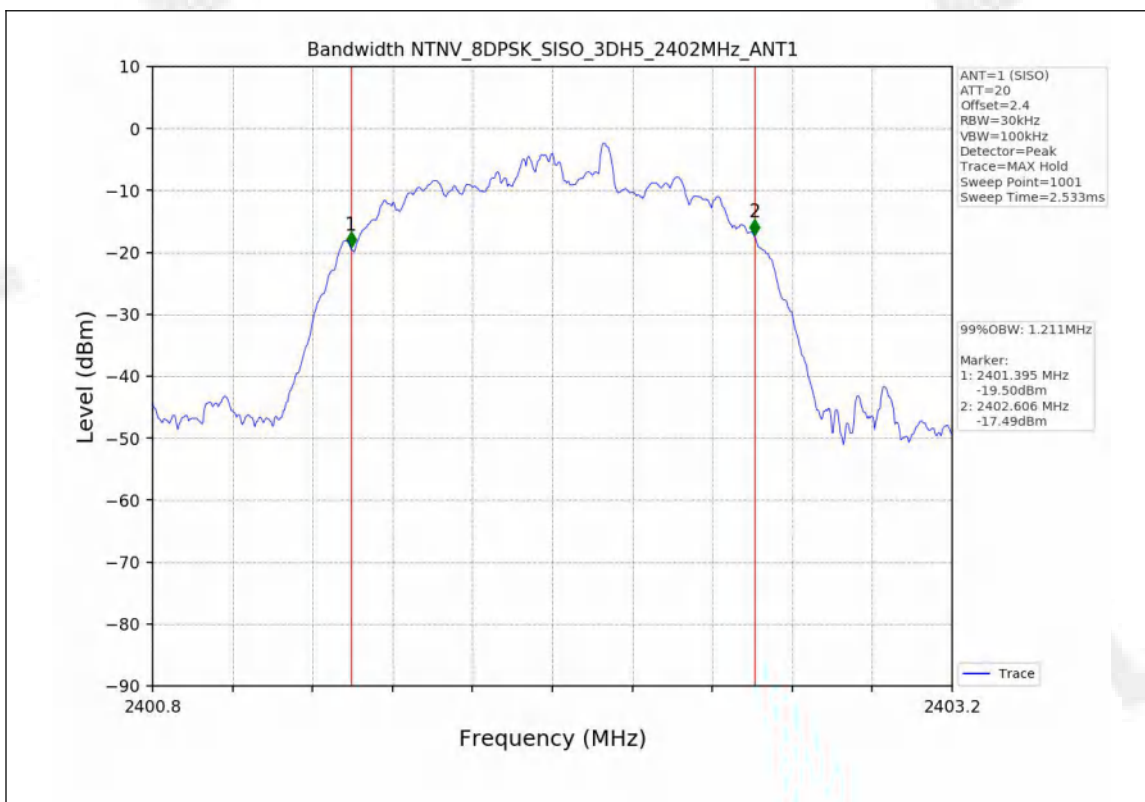
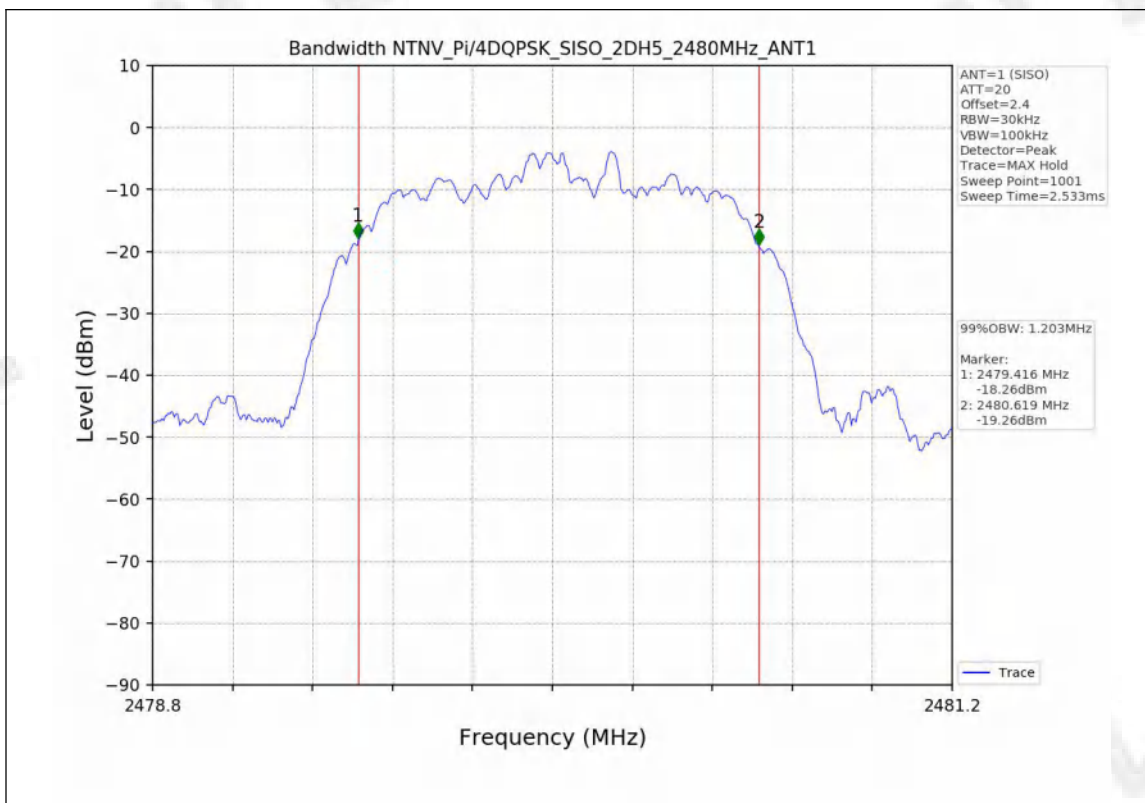


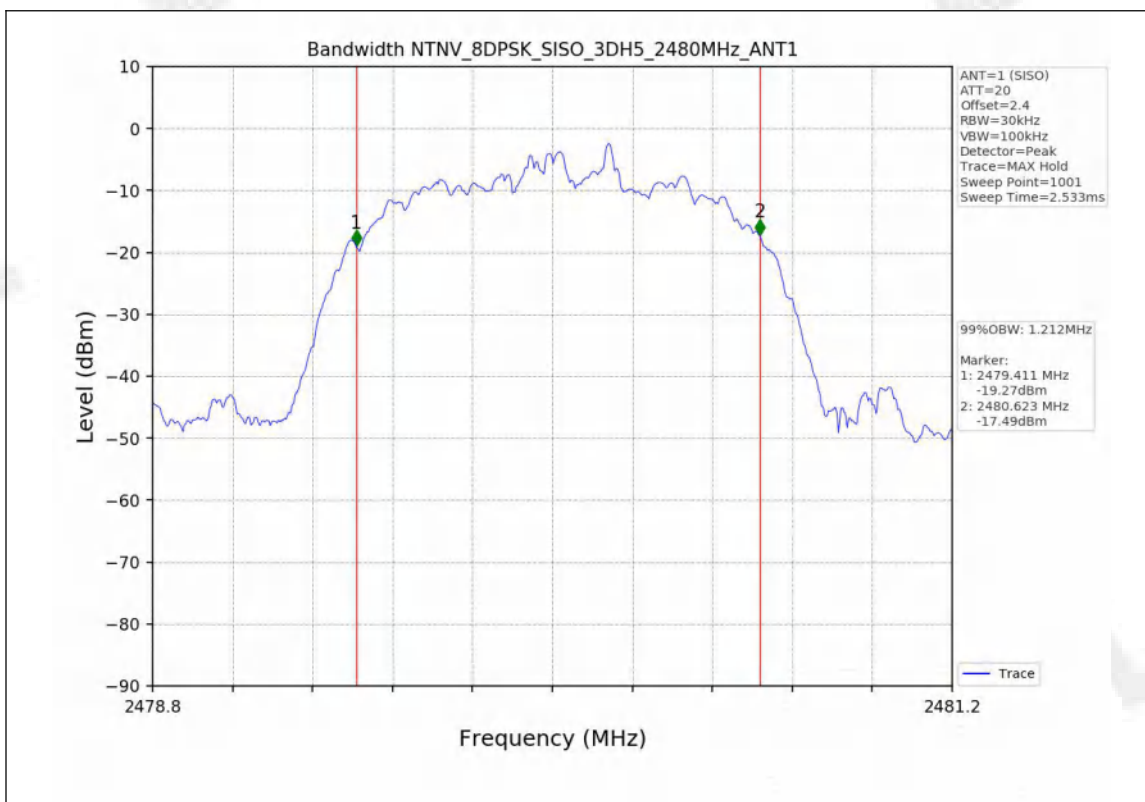
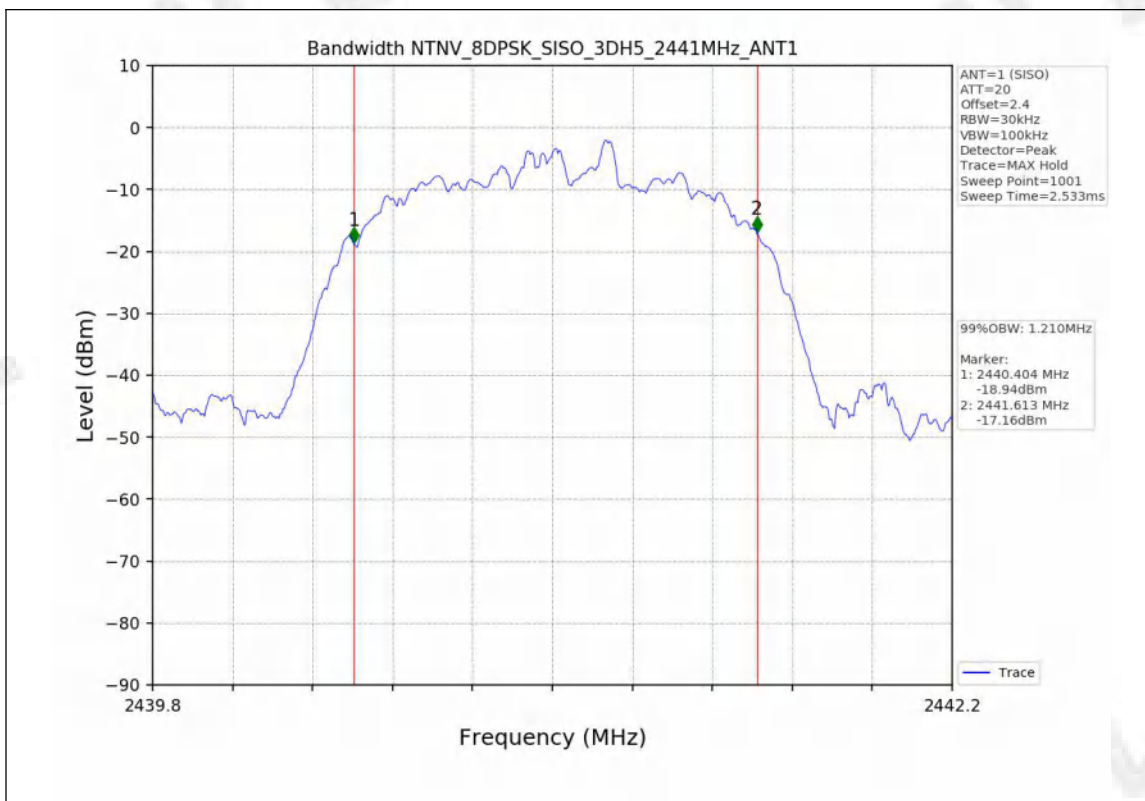
1.3 Test Graph - 99% Occupied Bandwidth









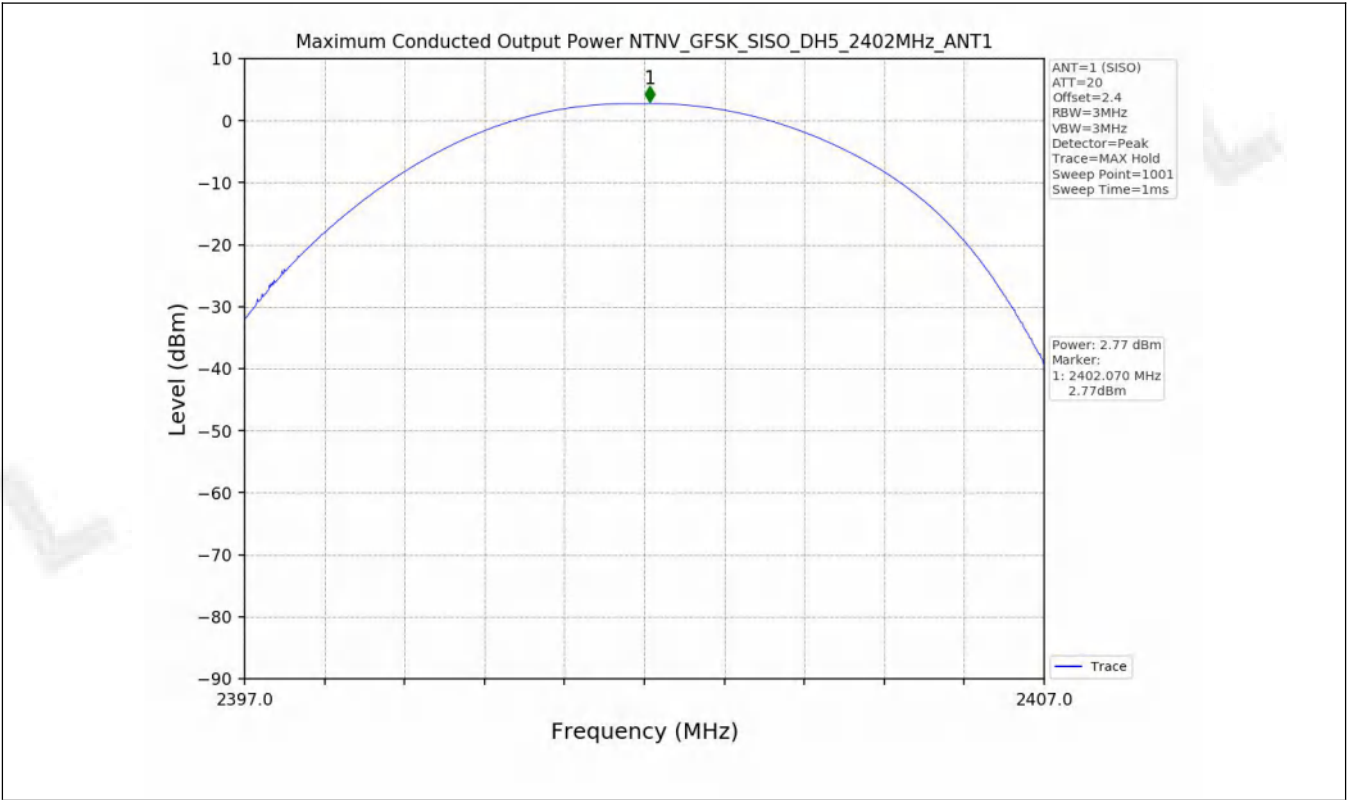


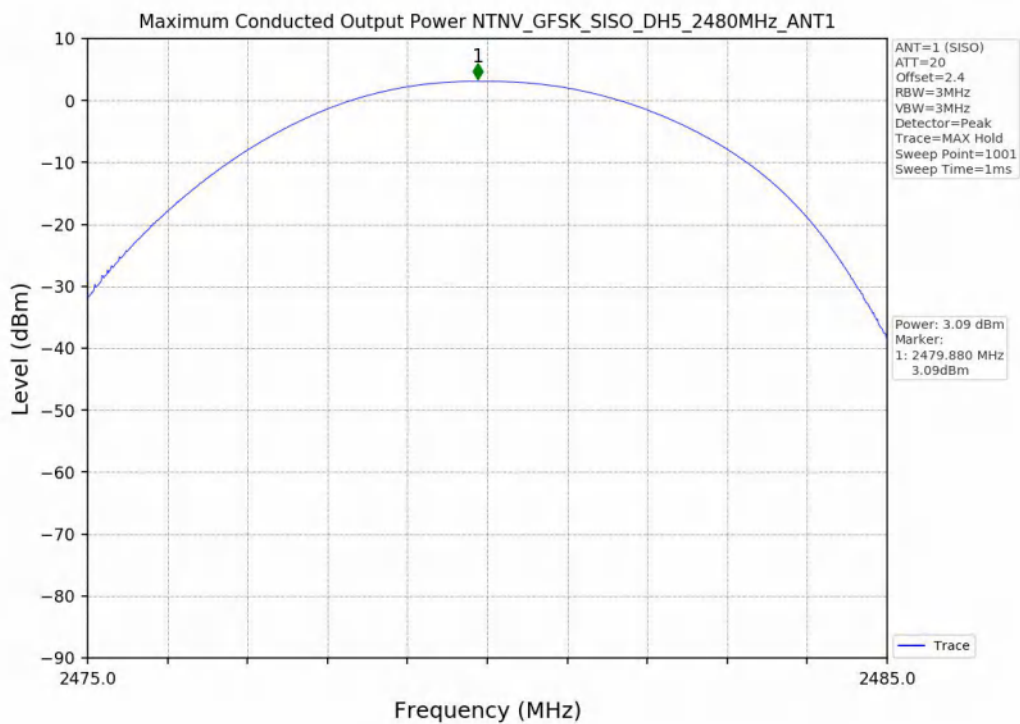
2. Maximum Conducted Output Power

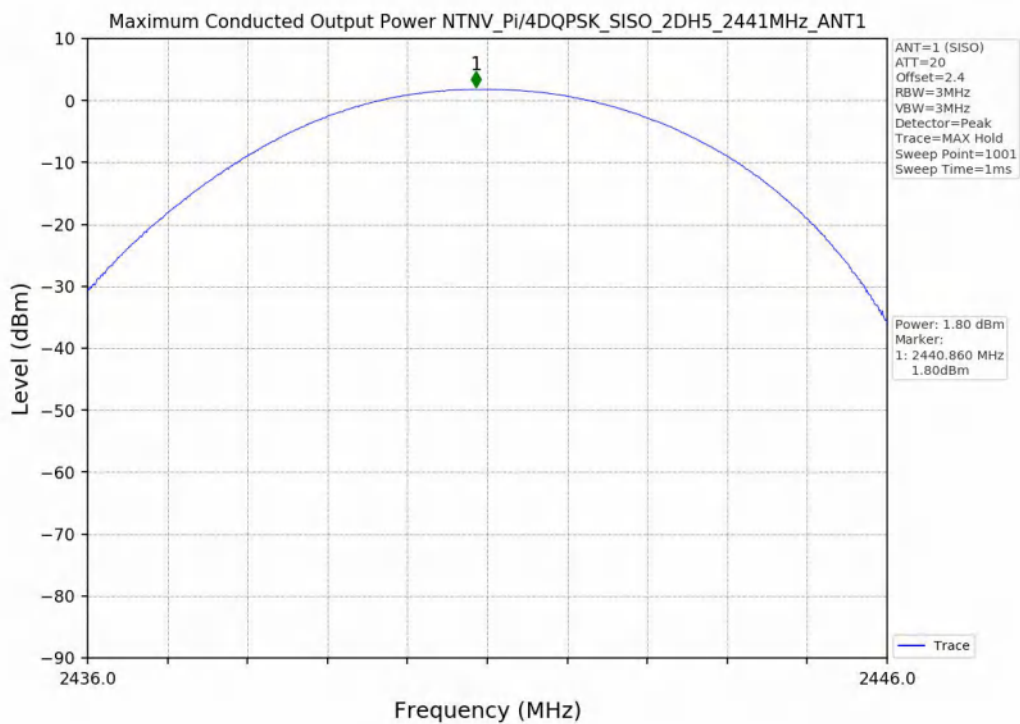
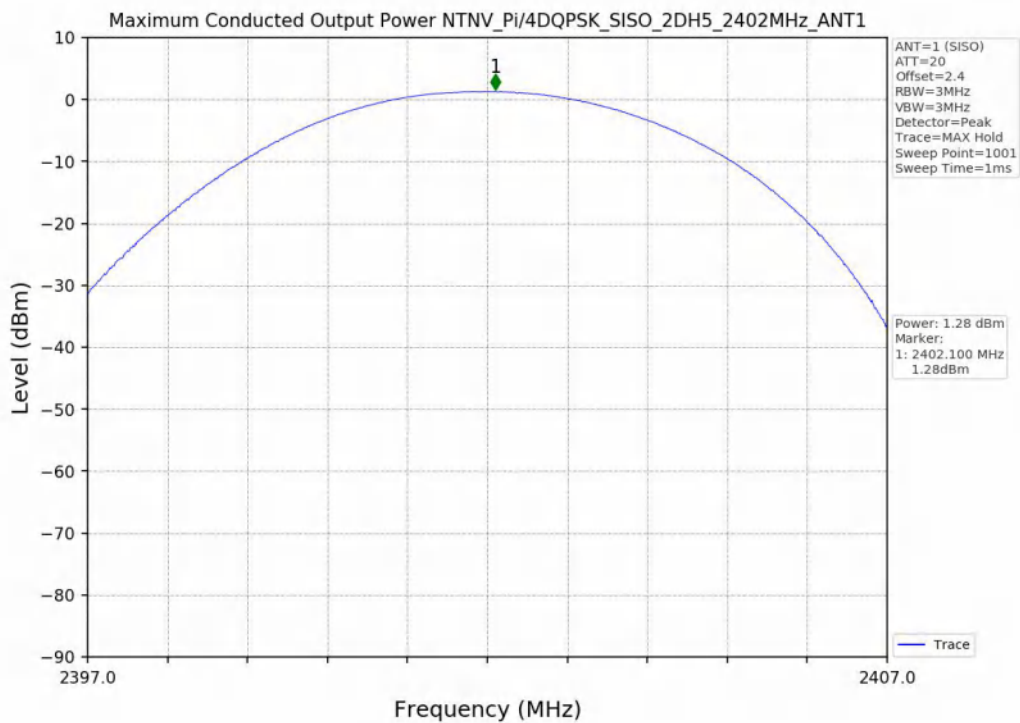
2.1 Test Result

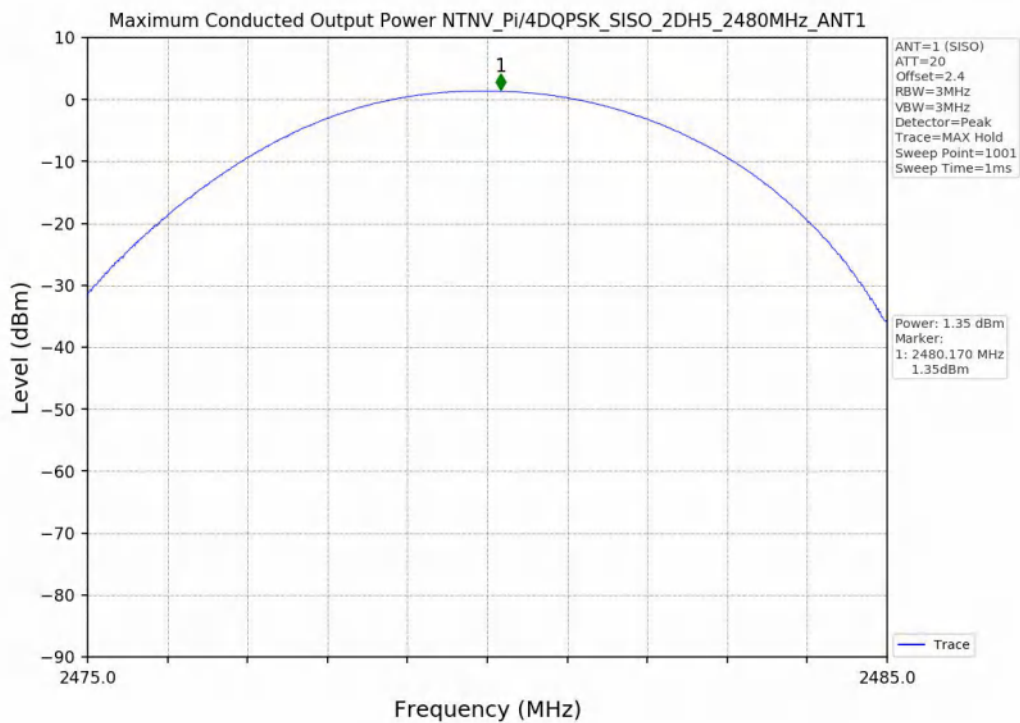
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	2.77	20.97	PASS
	2441	SISO	3.58	20.97	PASS
	2480	SISO	3.09	20.97	PASS
Pi/4DQPSK	2402	SISO	1.28	20.97	PASS
	2441	SISO	1.80	20.97	PASS
	2480	SISO	1.35	20.97	PASS
8DPSK	2402	SISO	1.72	20.97	PASS
	2441	SISO	2.24	20.97	PASS
	2480	SISO	1.80	20.97	PASS

2.2 Test Graph









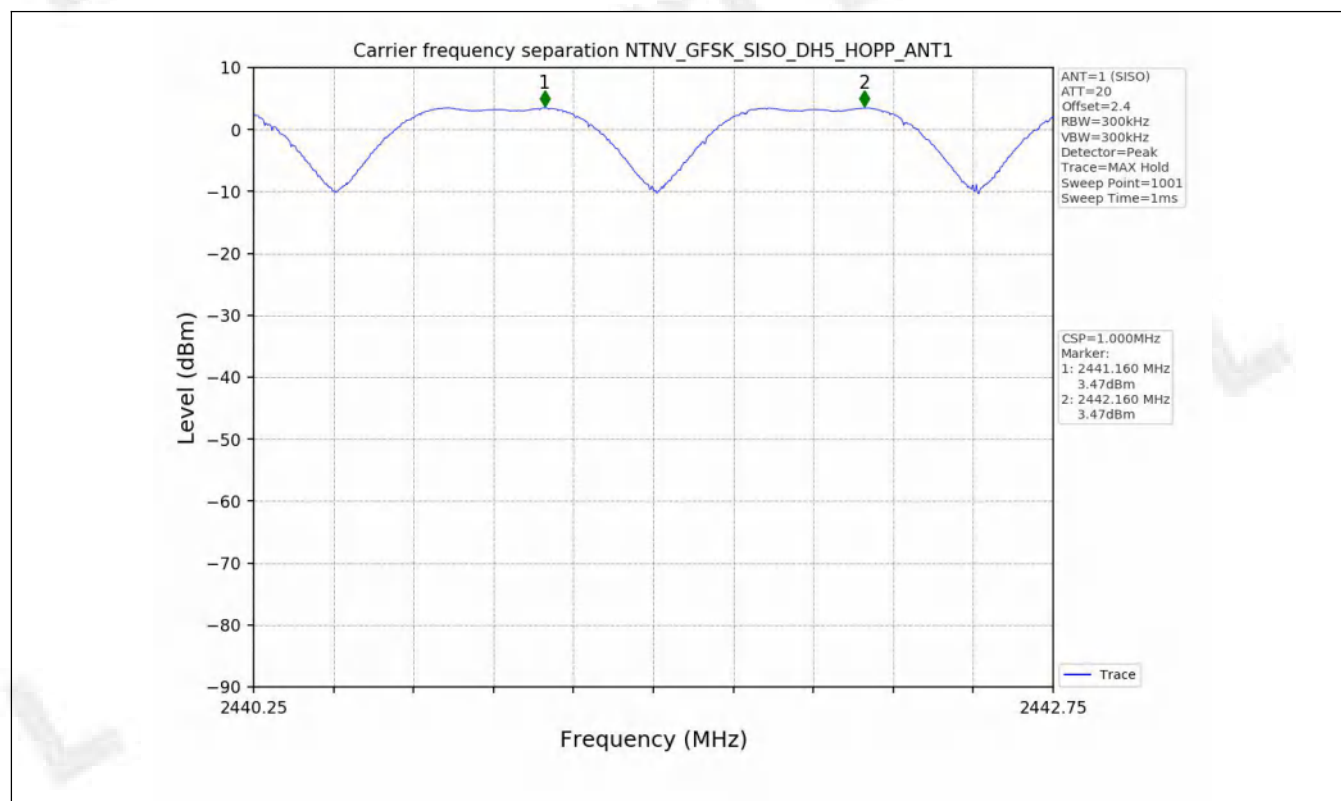


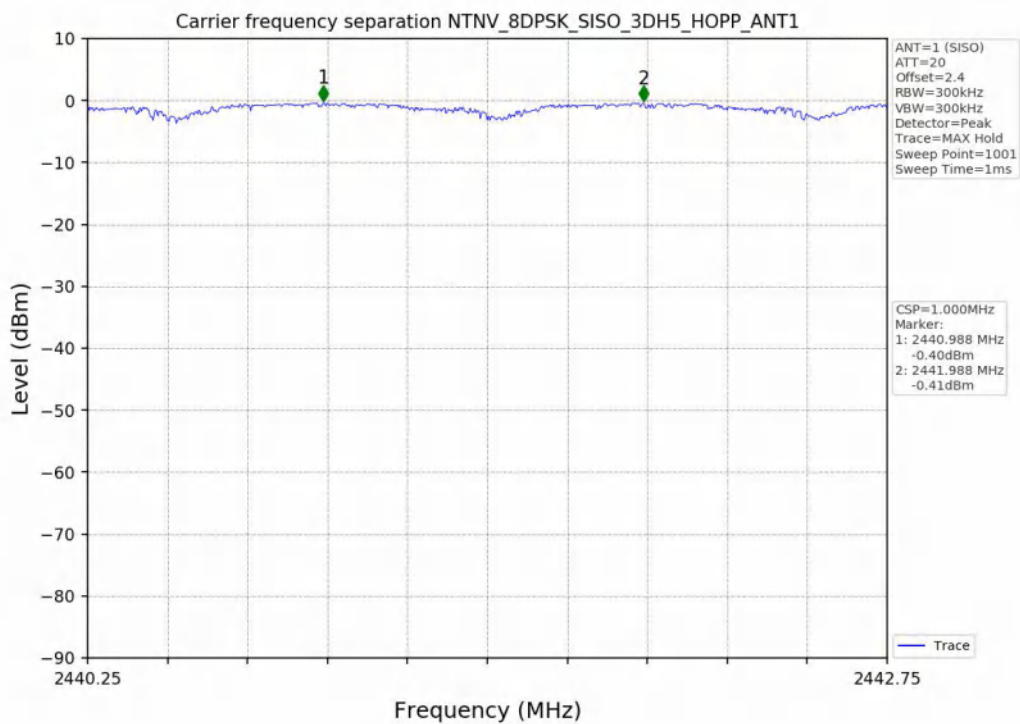
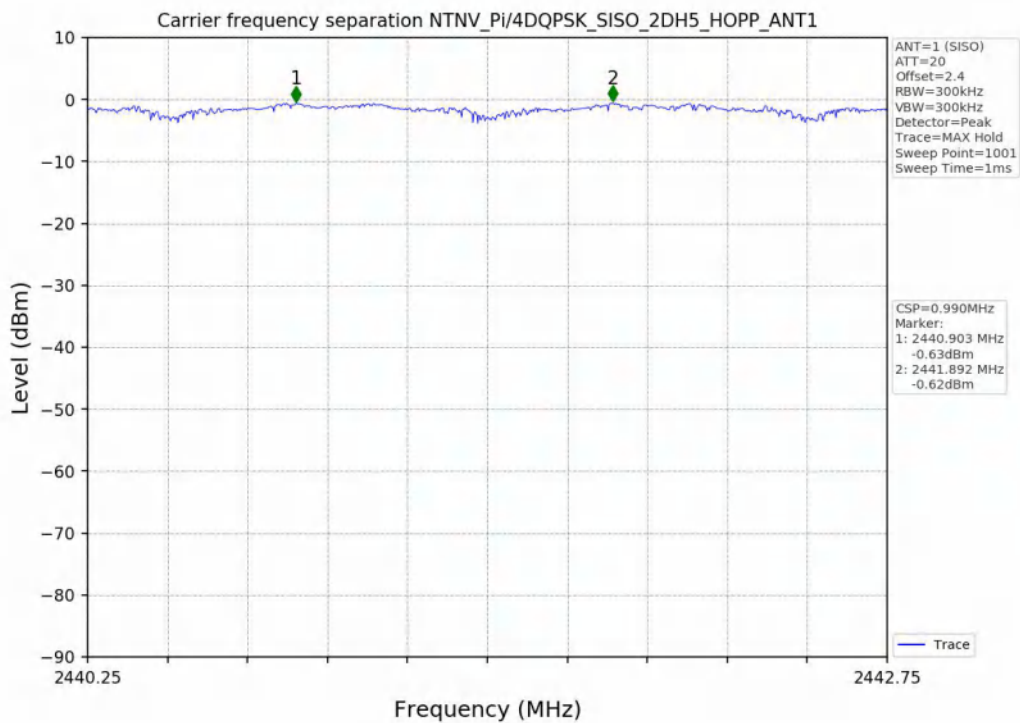
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	1.004	≥ 0.669	PASS
Pi/4DQPSK	SISO	1	0.990	1.358	≥ 0.905	PASS
8DPSK	SISO	1	1.000	1.318	≥ 0.879	PASS

3.2 Test Graph



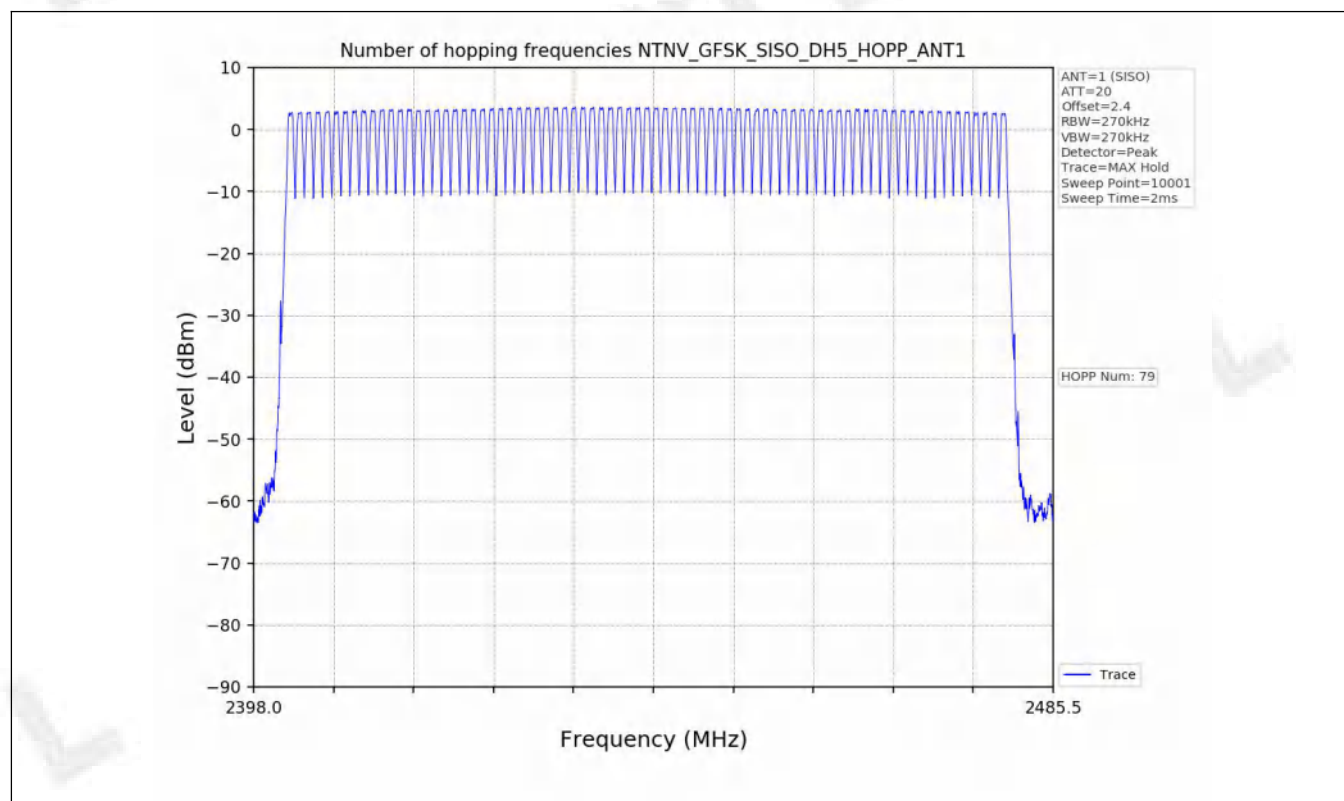


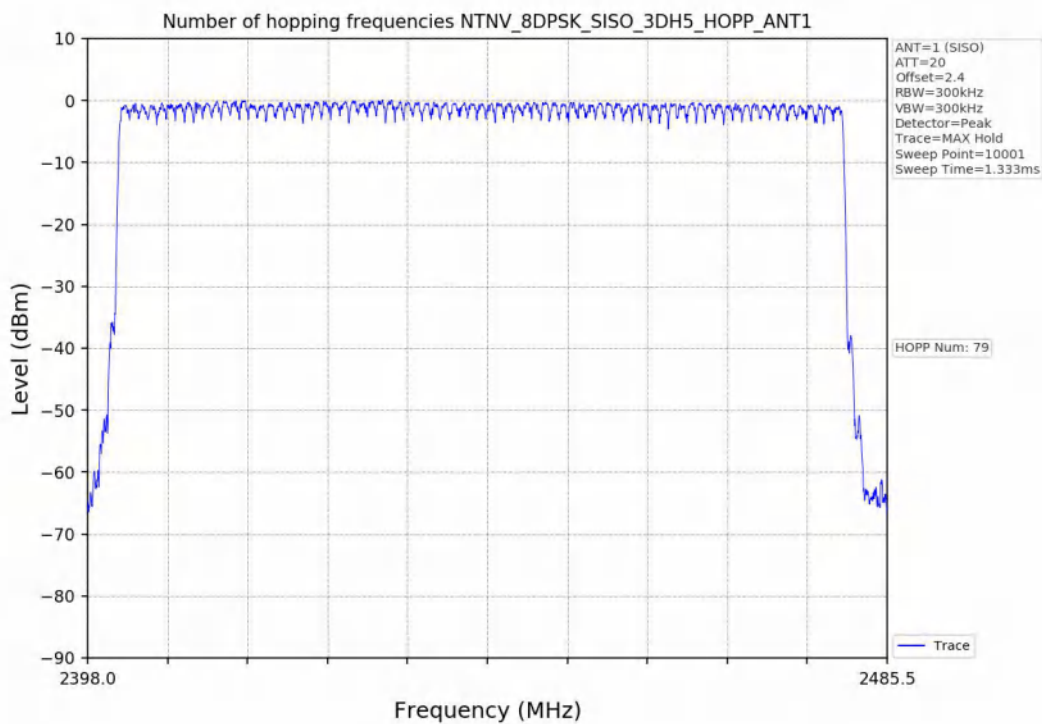
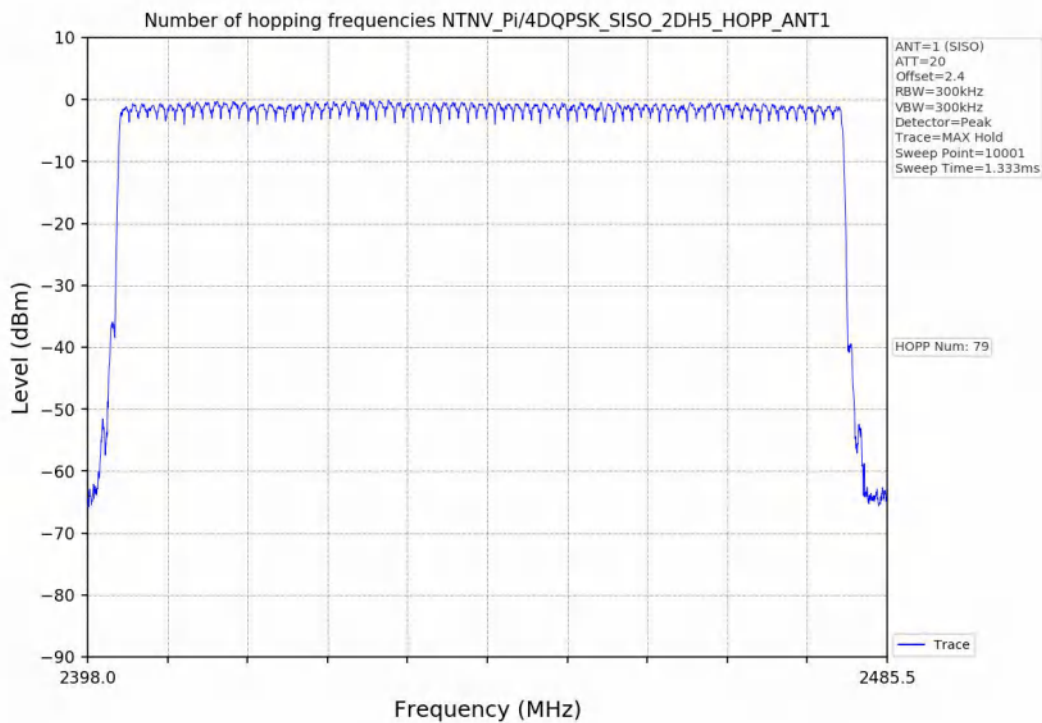
4. Number of hopping frequencies

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



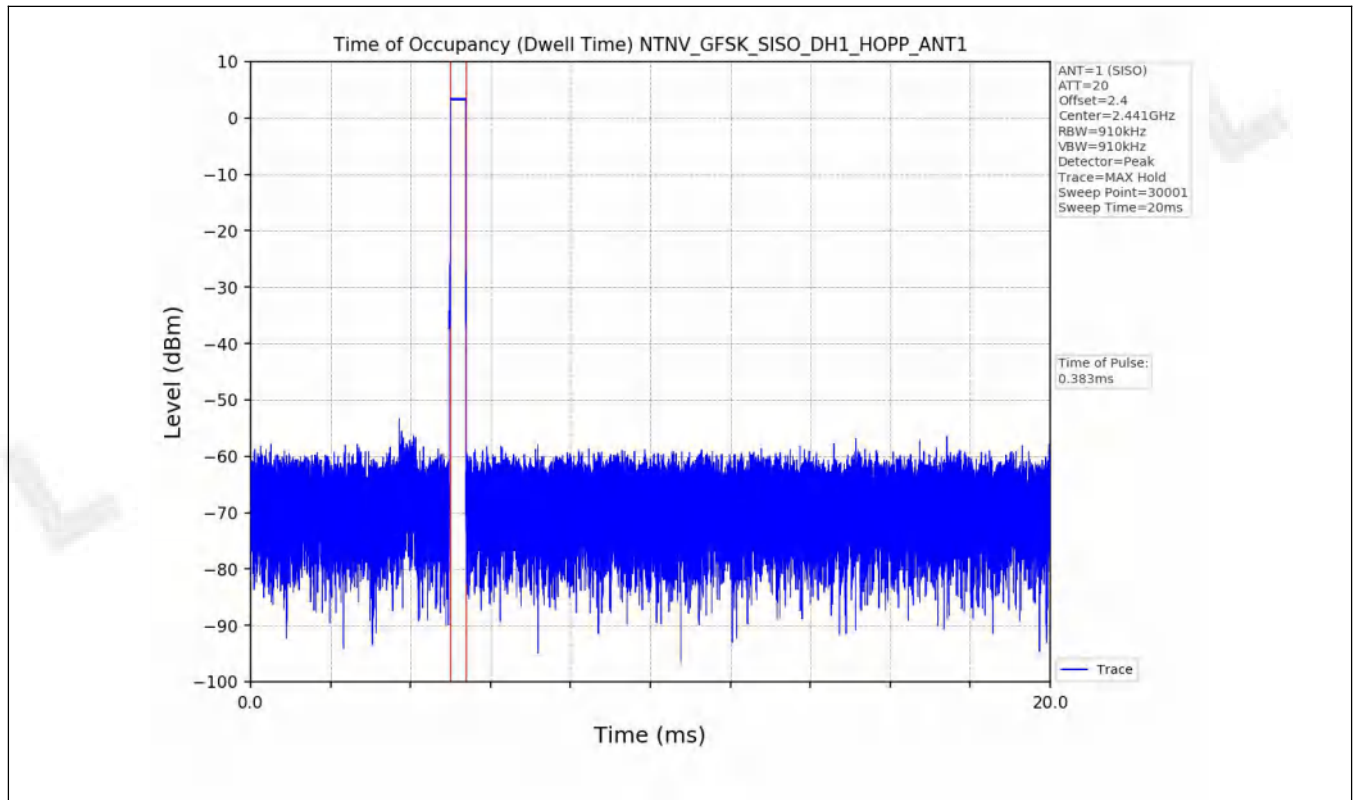


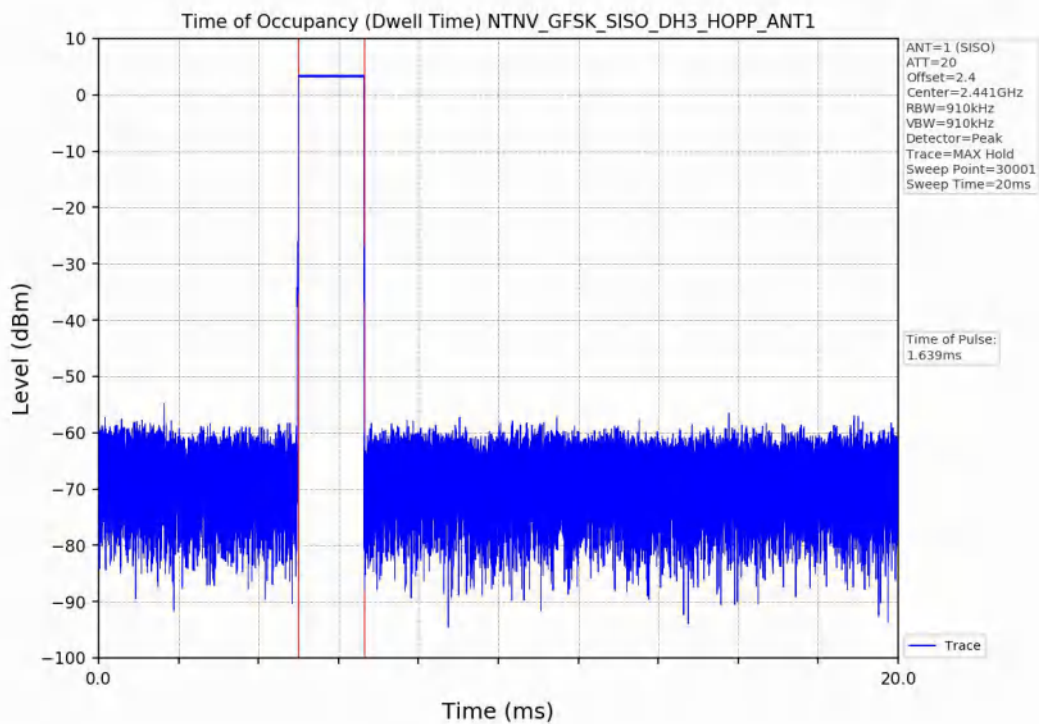
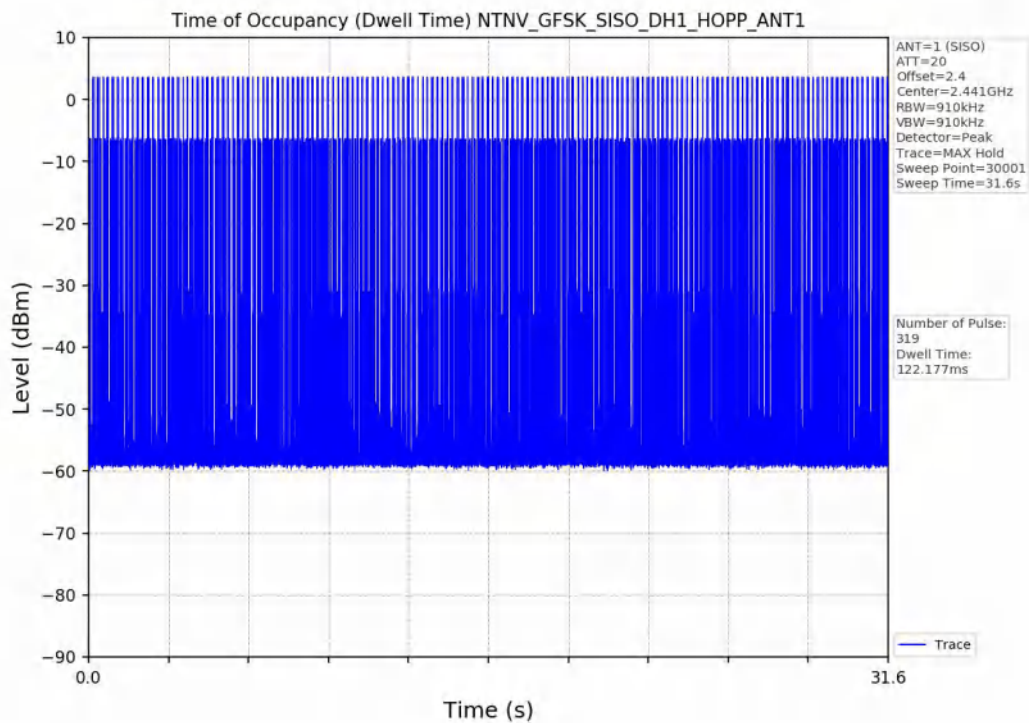
5. Time of Occupancy (Dwell Time)

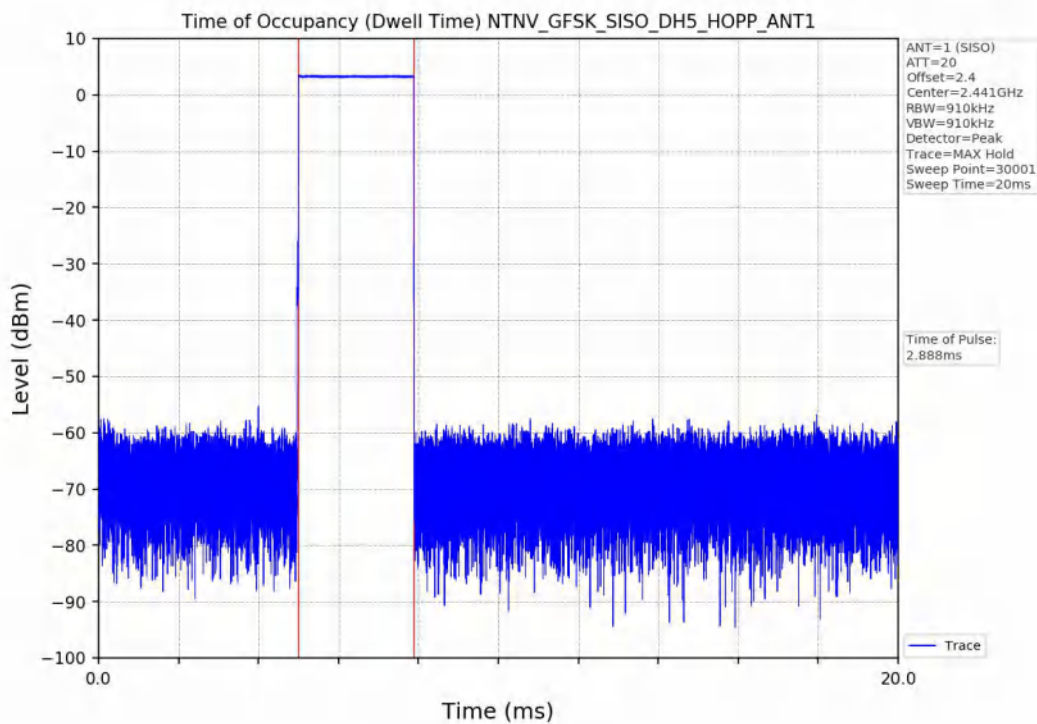
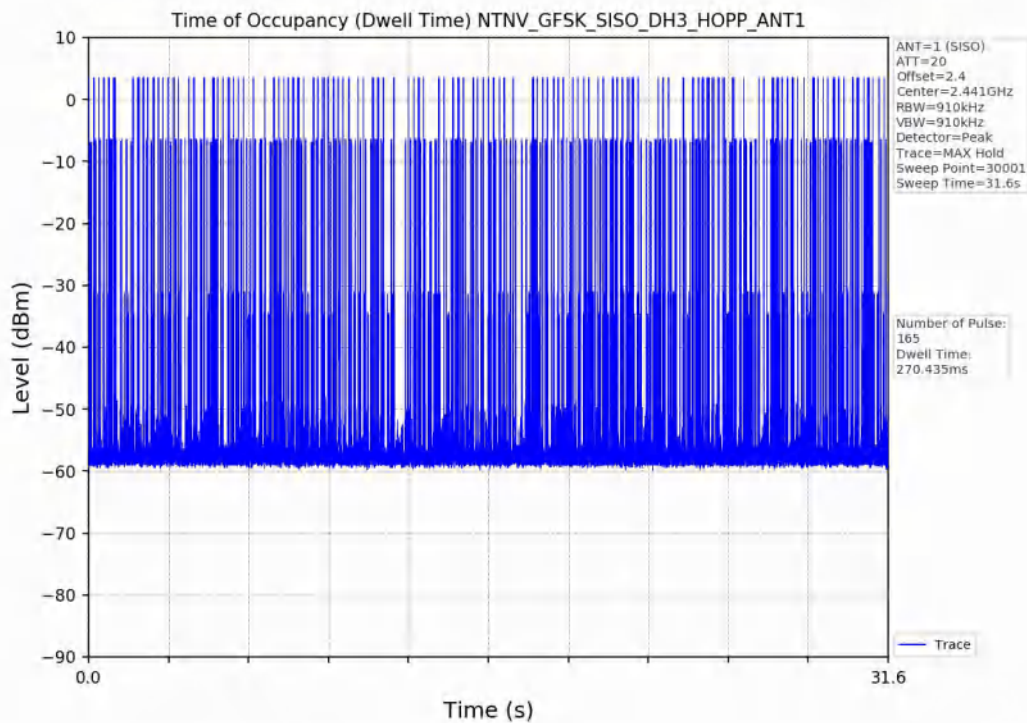
5.1 Test Result

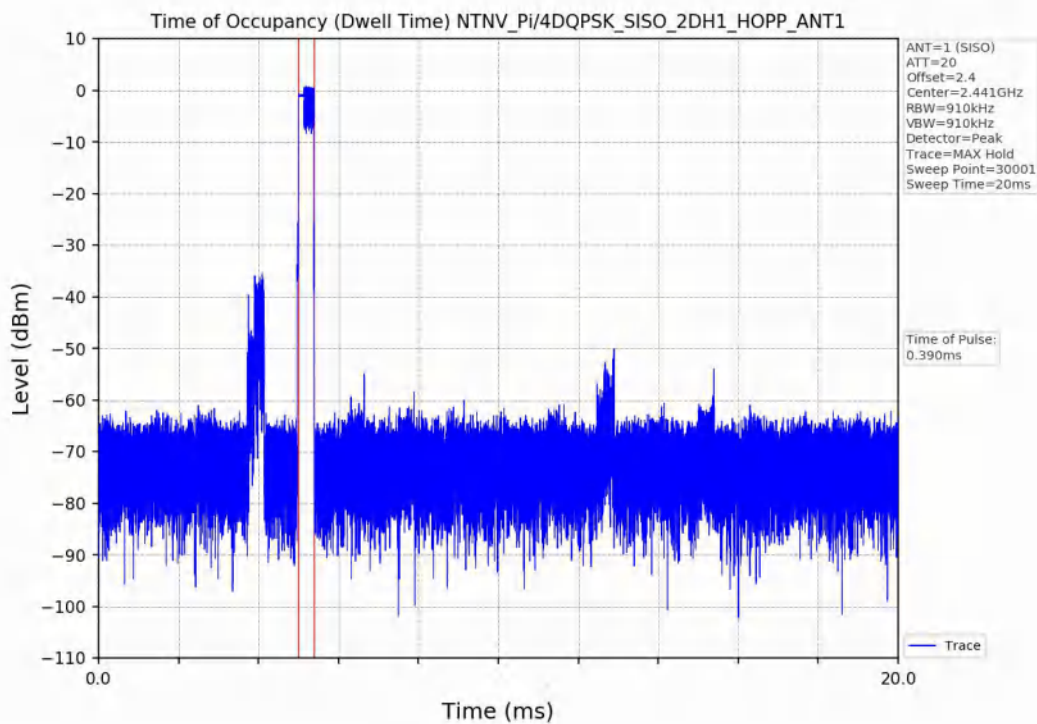
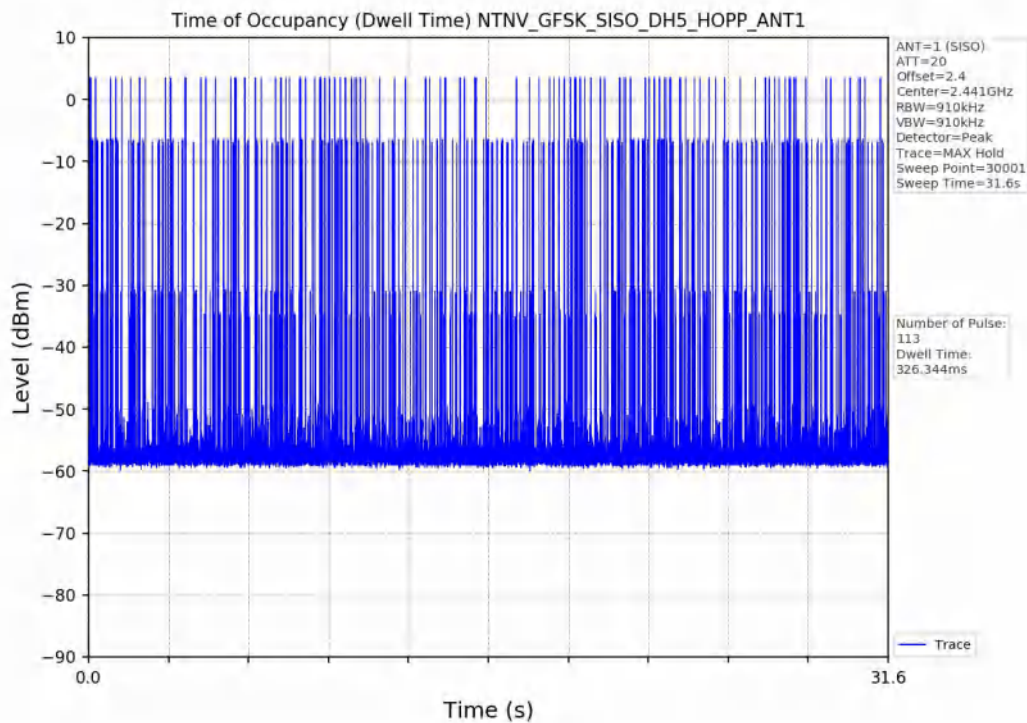
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.383	31.6	319	122.177	≤400	PASS
	DH3	SISO	1	1.639	31.6	165	270.435	≤400	PASS
	DH5	SISO	1	2.888	31.6	113	326.344	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.390	31.6	320	124.800	≤400	PASS
	2DH3	SISO	1	1.643	31.6	149	244.807	≤400	PASS
	2DH5	SISO	1	2.927	31.6	101	295.627	≤400	PASS
8DPSK	3DH1	SISO	1	0.390	31.6	320	124.800	≤400	PASS
	3DH3	SISO	1	1.642	31.6	152	249.584	≤400	PASS
	3DH5	SISO	1	2.893	31.6	107	309.551	≤400	PASS

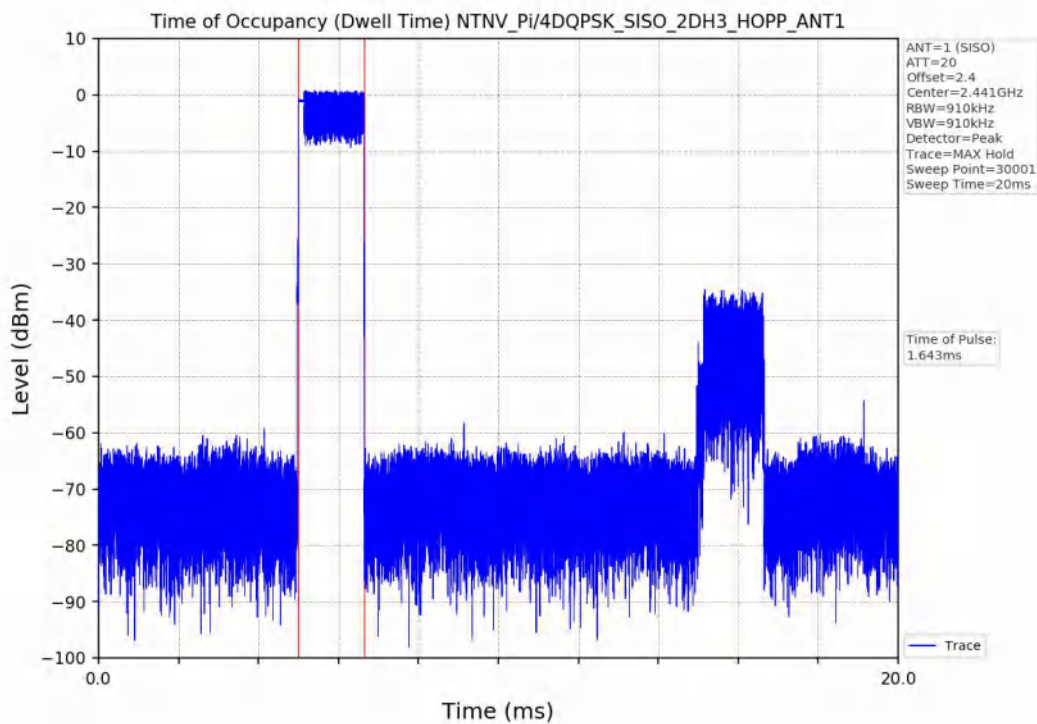
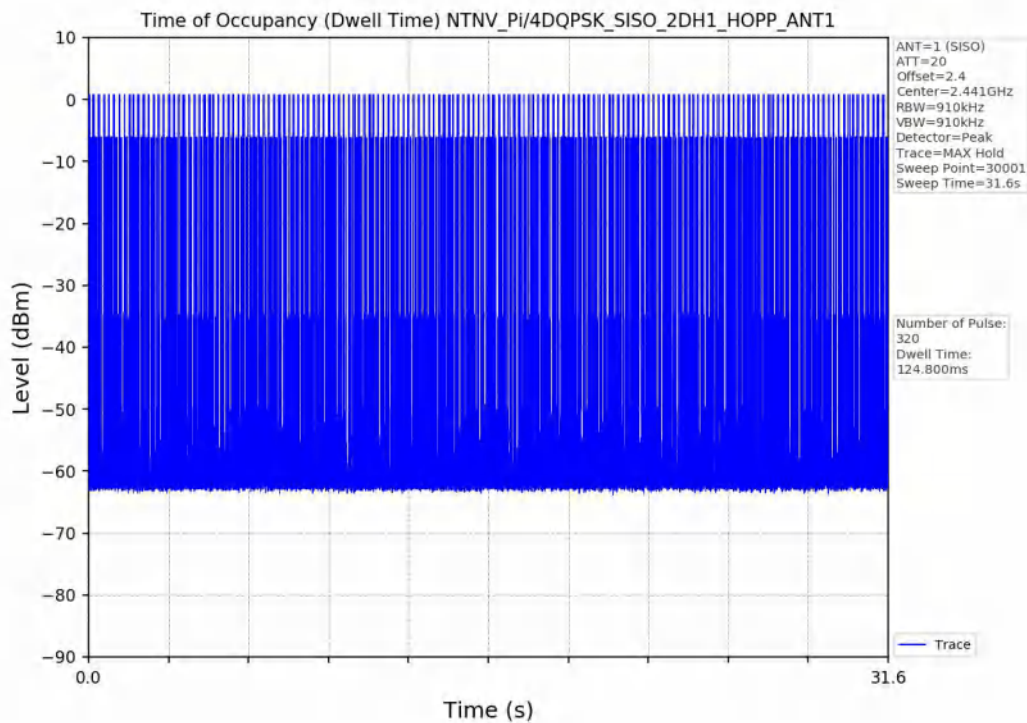
5.2 Test Graph

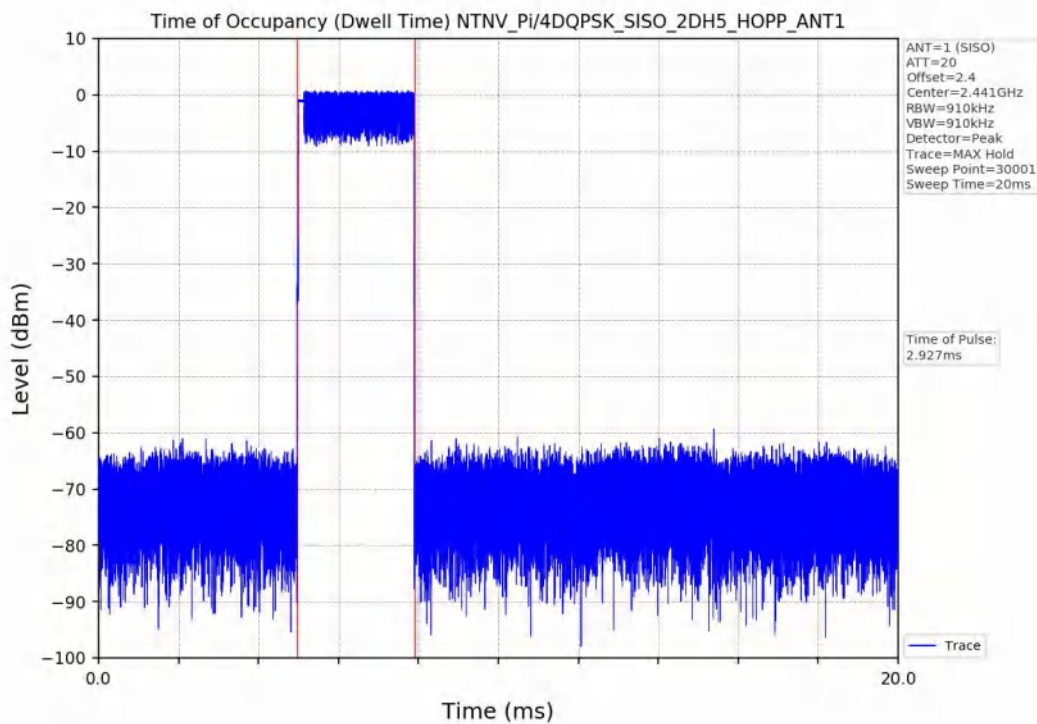
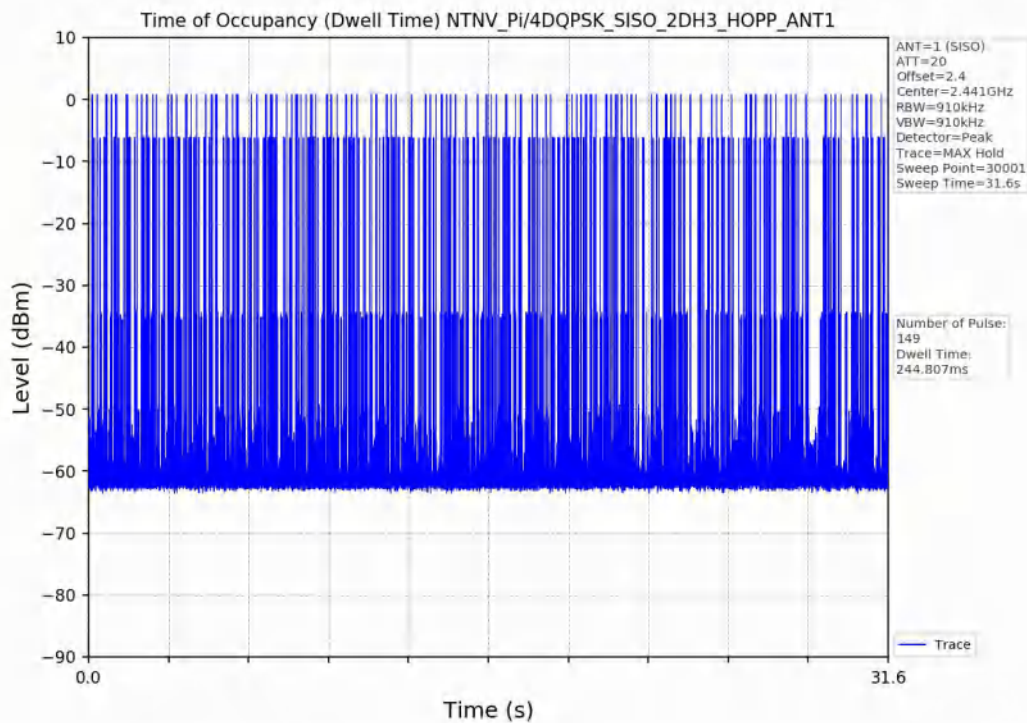


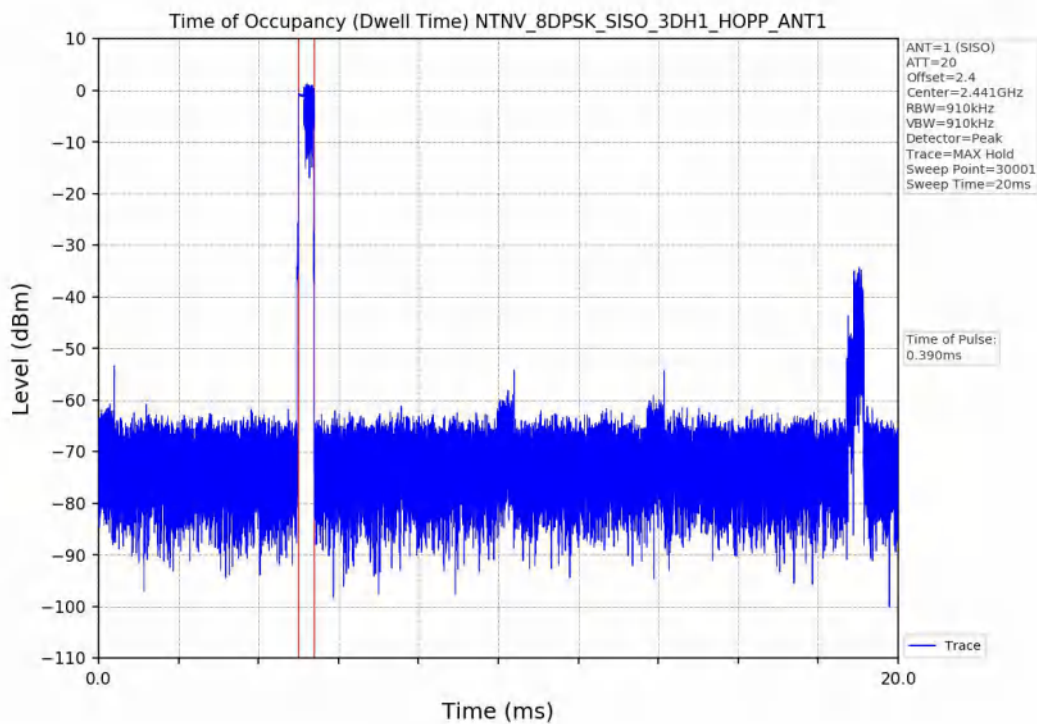
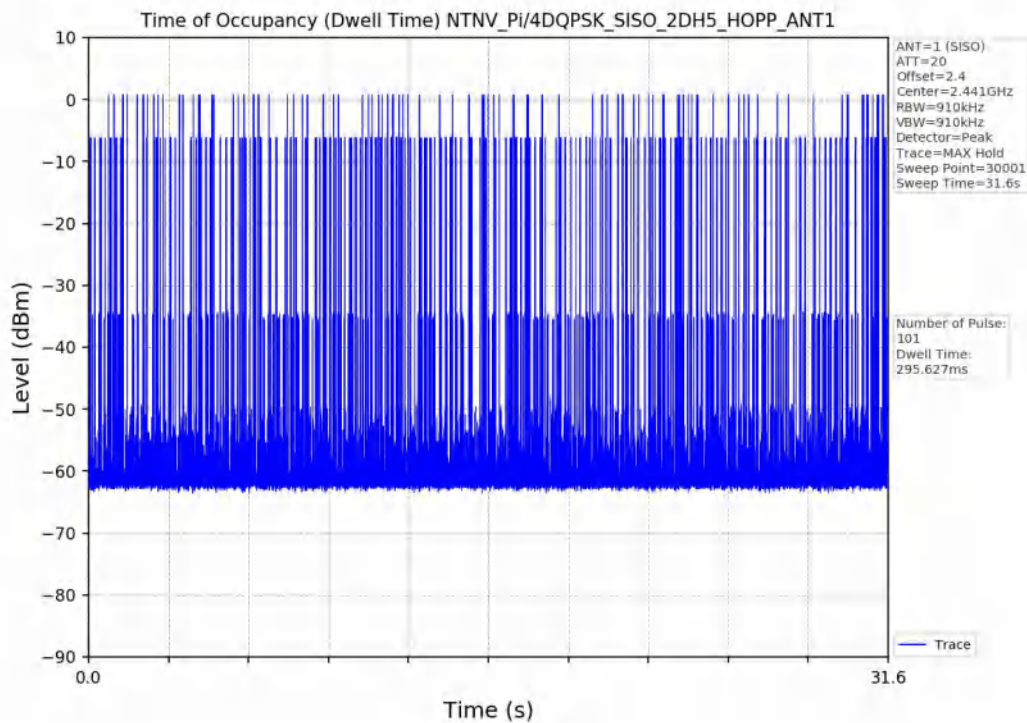


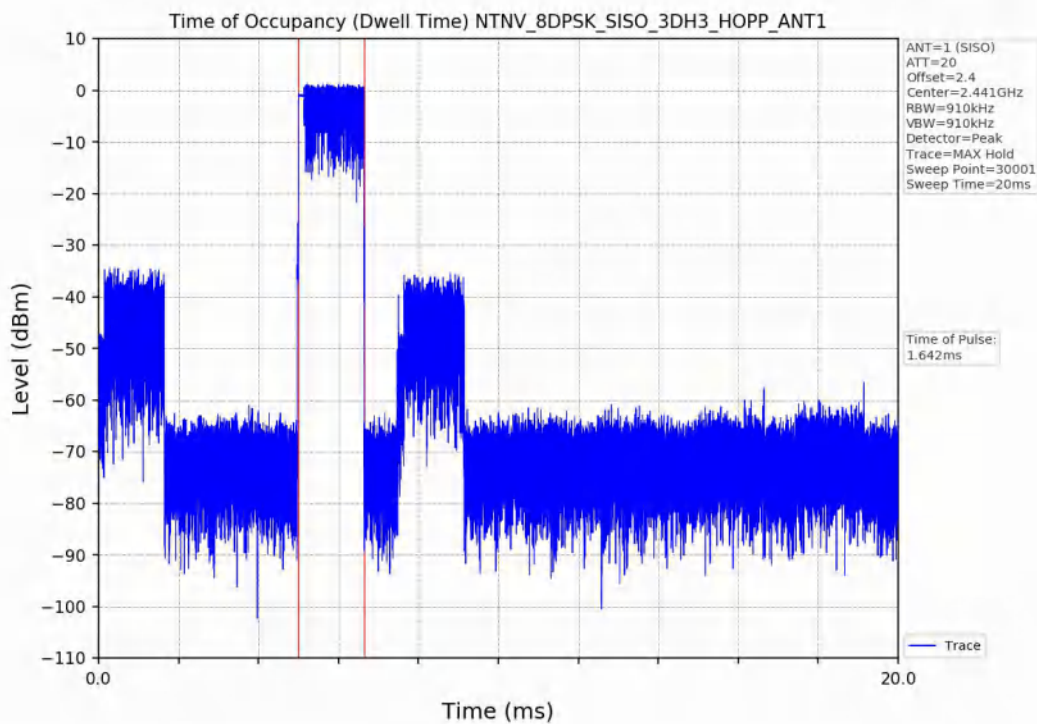
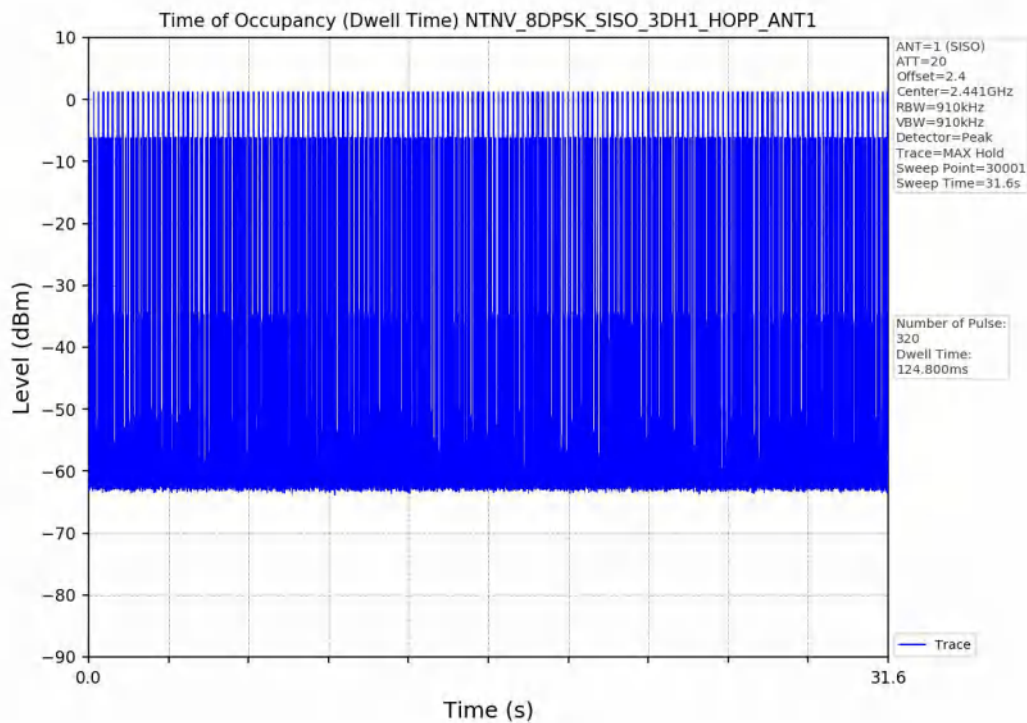


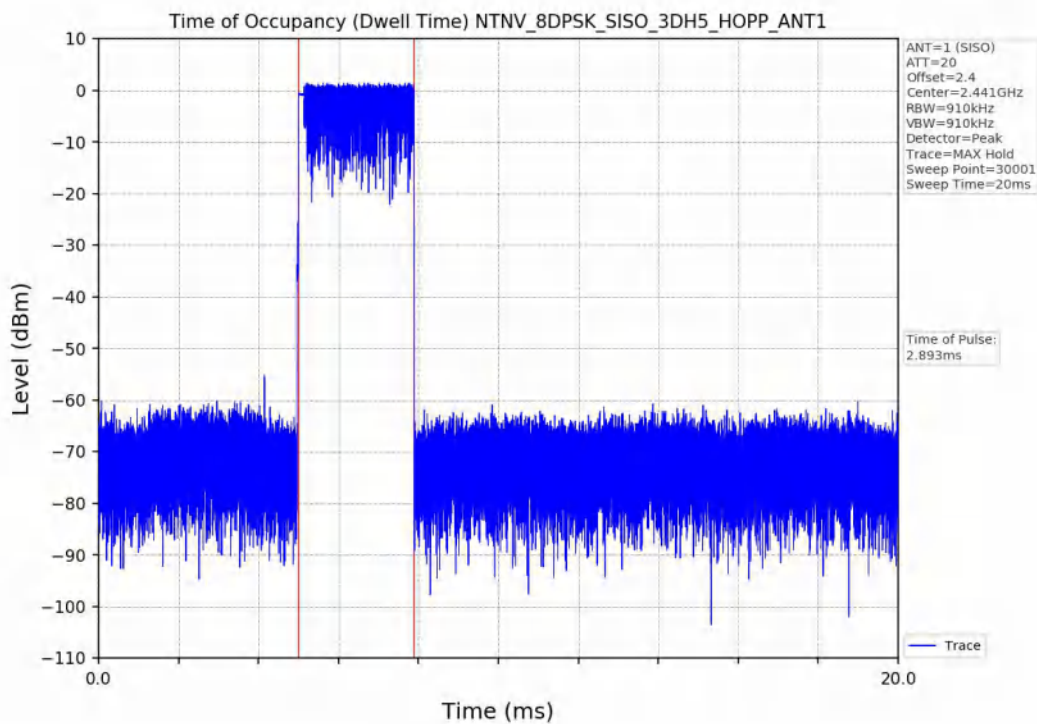
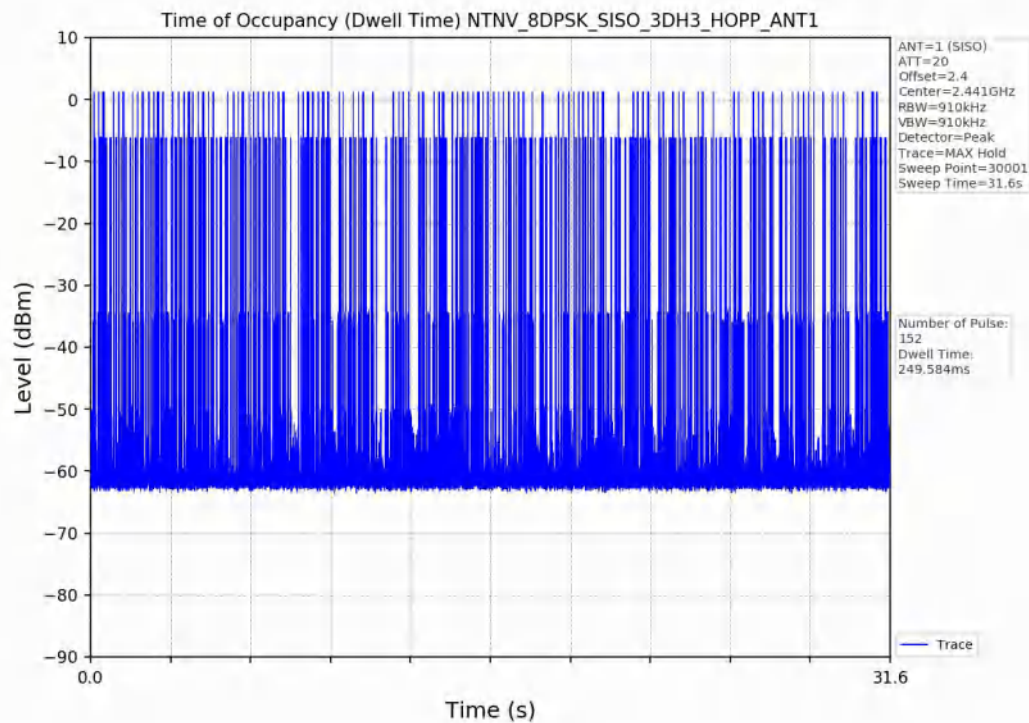


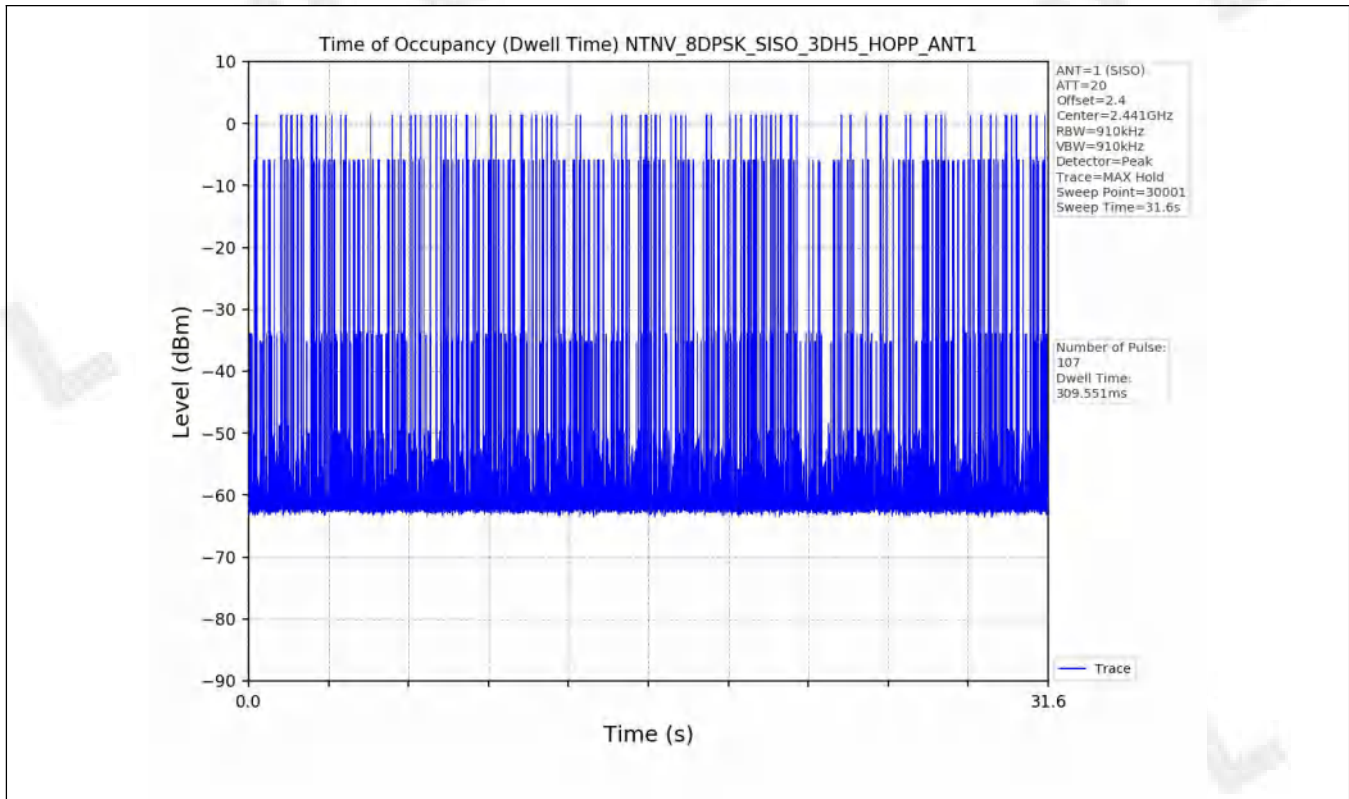












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-16.69	PASS
	2441	SISO	1	Refer to test graph	-16.69	PASS
	2480	SISO	1	Refer to test graph	-16.69	PASS
	Hopping	SISO	1	Refer to test graph	-16.69	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-20.94	PASS
	2441	SISO	1	Refer to test graph	-20.94	PASS
	2480	SISO	1	Refer to test graph	-20.94	PASS
	Hopping	SISO	1	Refer to test graph	-20.94	PASS
8DPSK	2402	SISO	1	Refer to test graph	-20.78	PASS
	2441	SISO	1	Refer to test graph	-20.78	PASS
	2480	SISO	1	Refer to test graph	-20.78	PASS

	Hopping	SISO	1	Refer to test graph	-20.78	PASS
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6.2 Test Graph

