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Appendix for 15.247

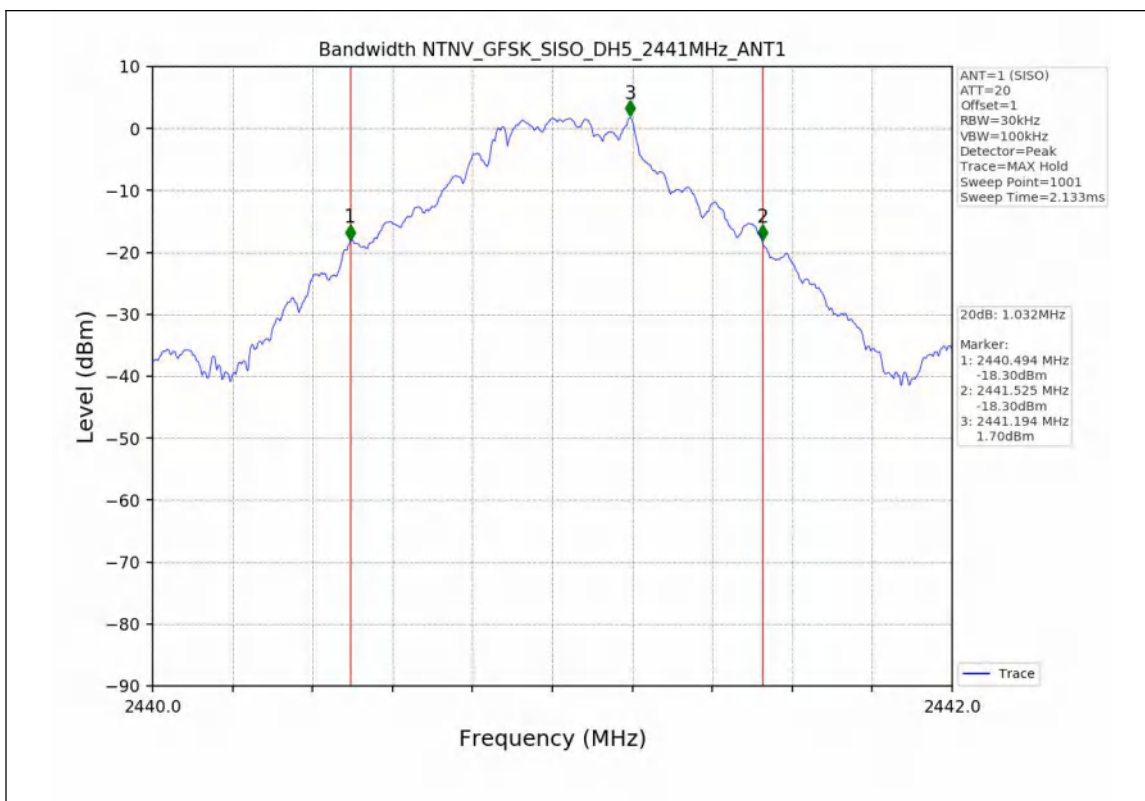
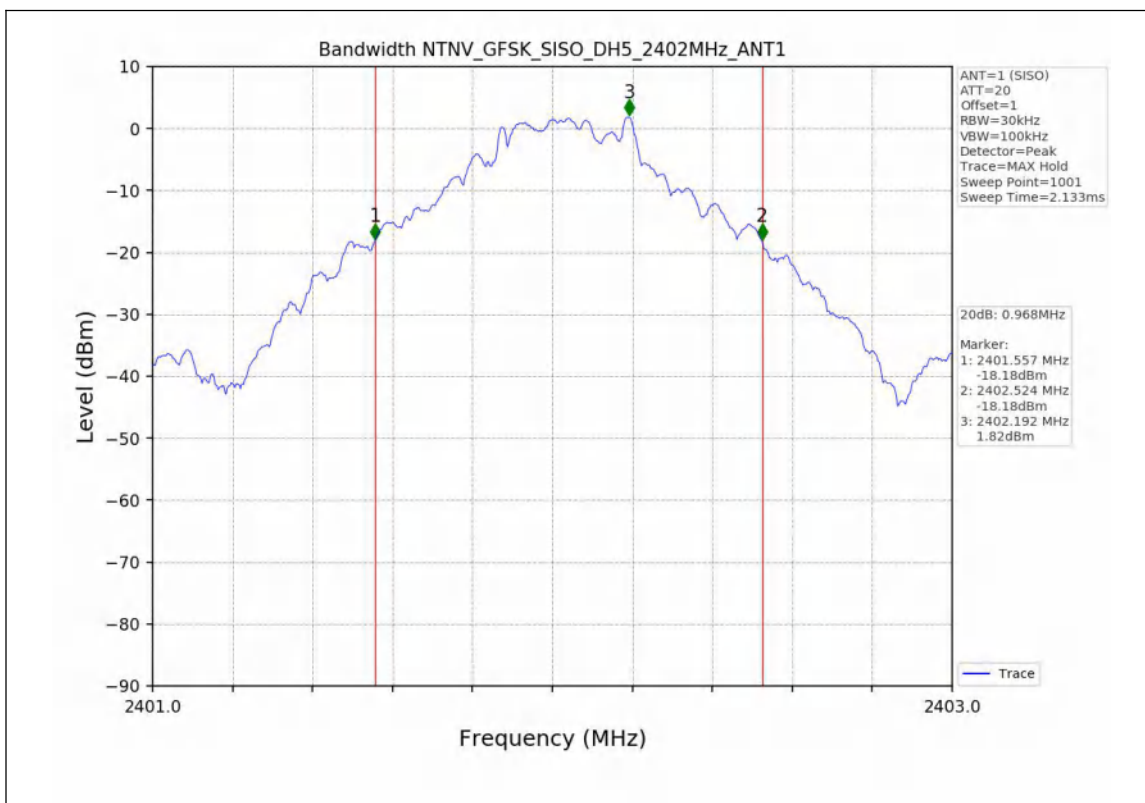
1. Bandwidth

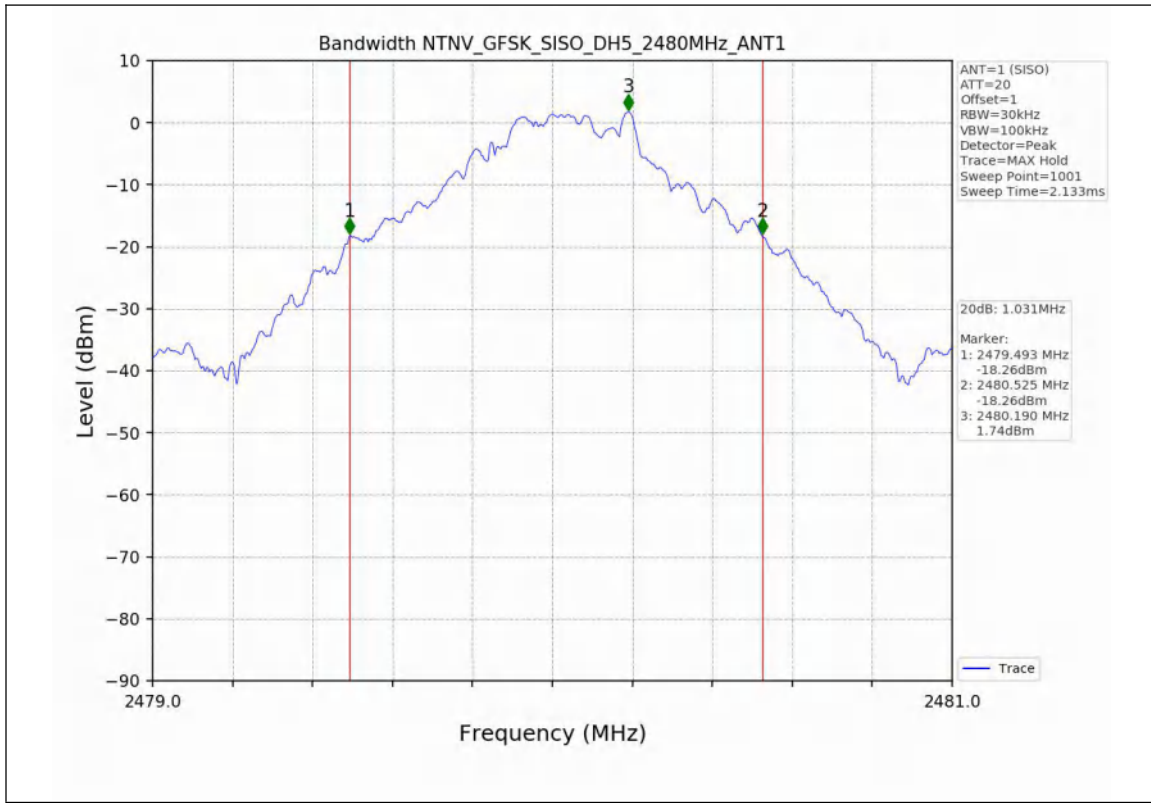
1.1 Test Result

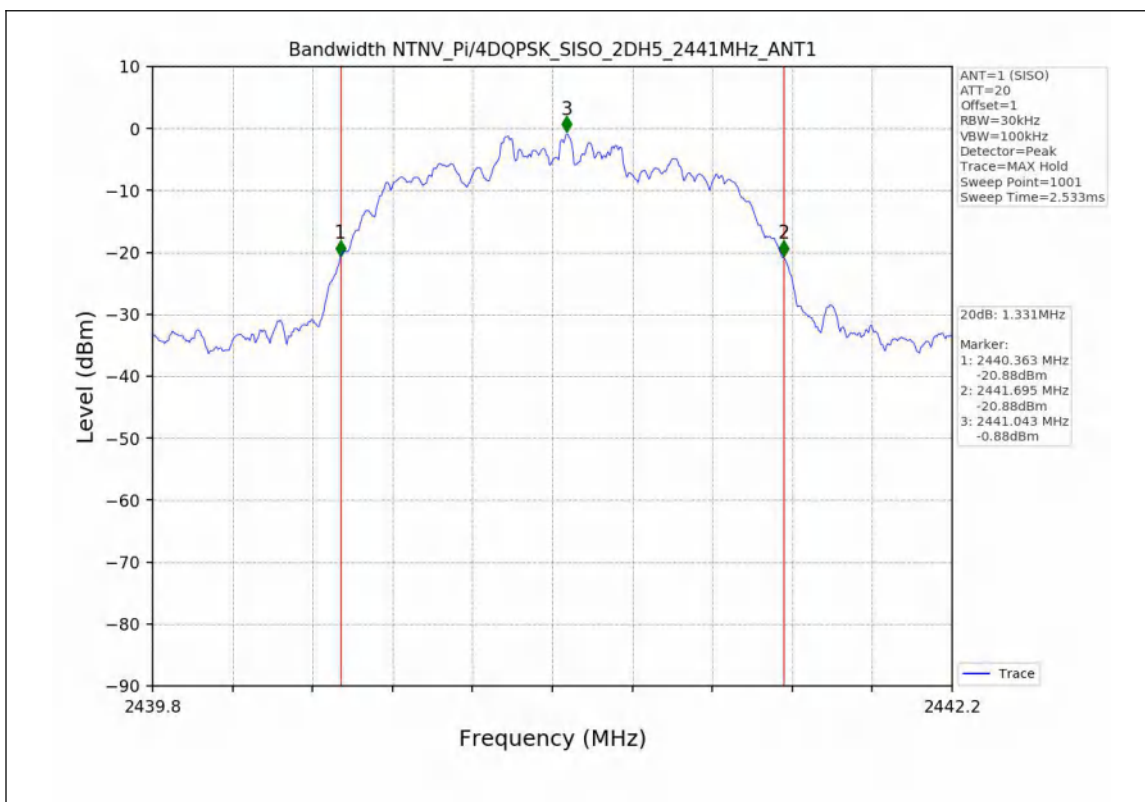
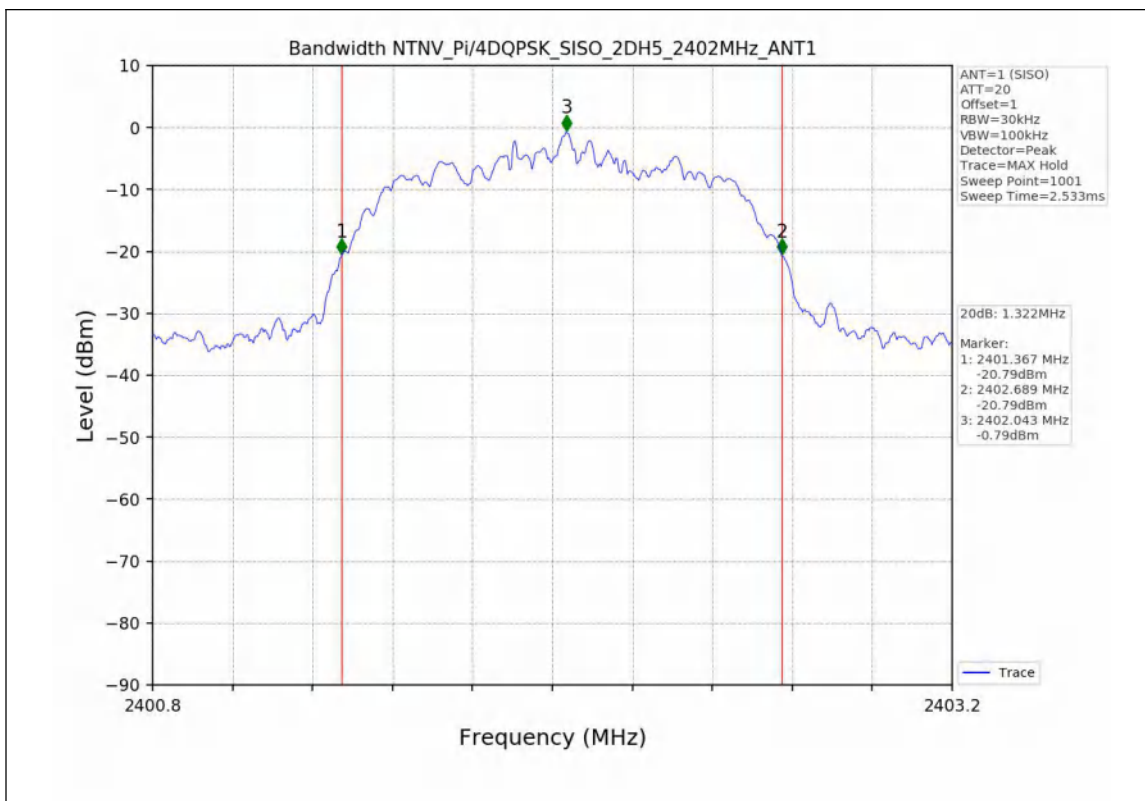
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.968	PASS
	2441	SISO	1	1.032	PASS
	2480	SISO	1	1.031	PASS
Pi/4DQPSK	2402	SISO	1	1.322	PASS
	2441	SISO	1	1.331	PASS
	2480	SISO	1	1.311	PASS
8DPSK	2402	SISO	1	1.308	PASS
	2441	SISO	1	1.306	PASS
	2480	SISO	1	1.303	PASS

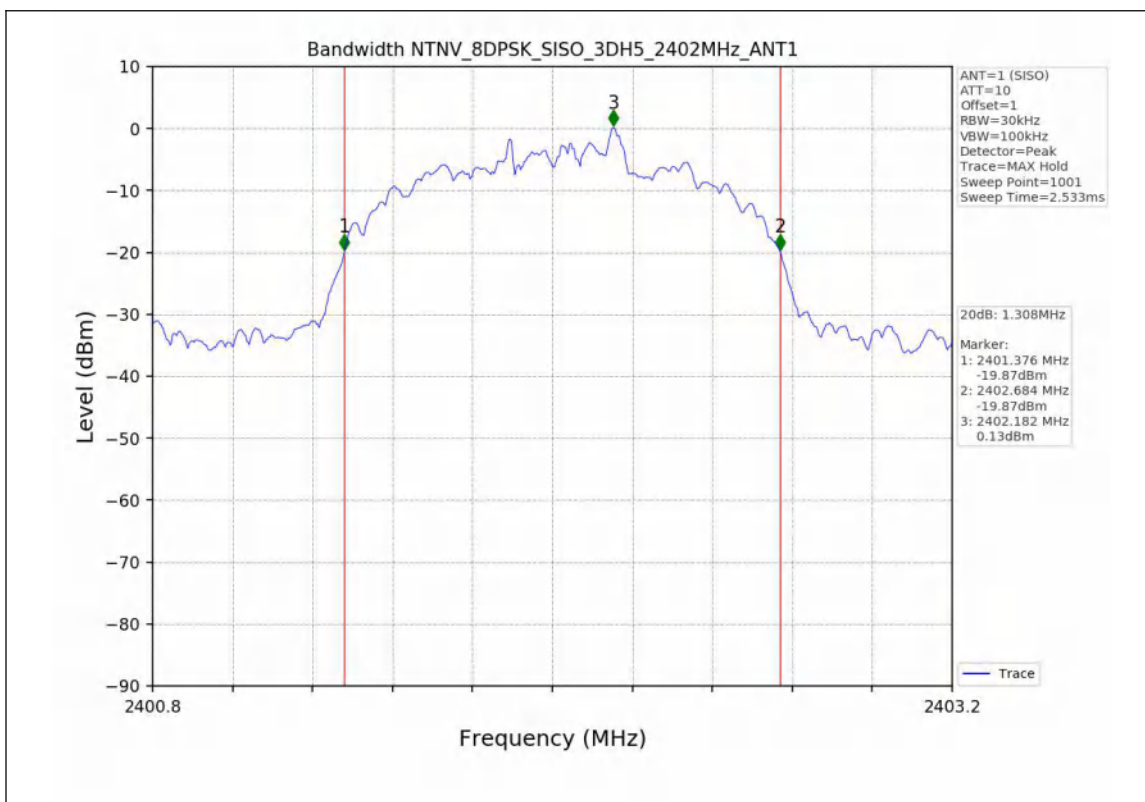
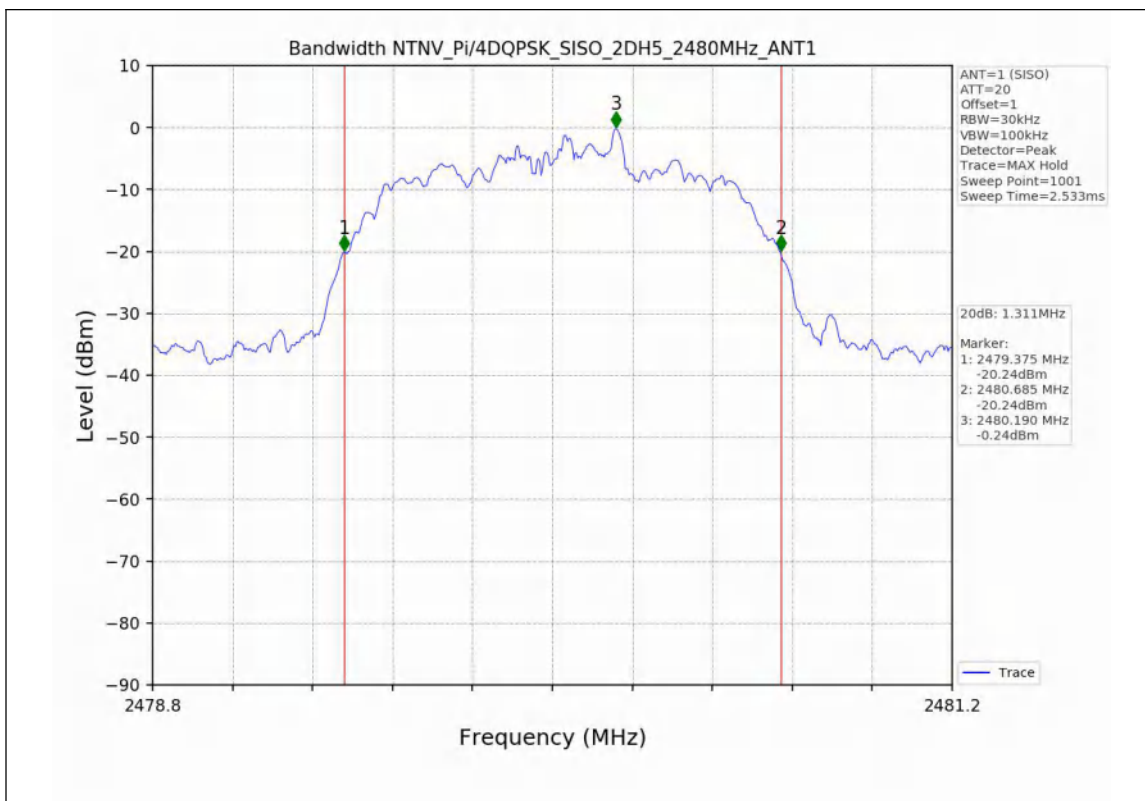
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.886	Only for Report Use
	2441	SISO	1	0.894	Only for Report Use
	2480	SISO	1	0.894	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.191	Only for Report Use
	2441	SISO	1	1.198	Only for Report Use
	2480	SISO	1	1.186	Only for Report Use
8DPSK	2402	SISO	1	1.211	Only for Report Use
	2441	SISO	1	1.212	Only for Report Use
	2480	SISO	1	1.205	Only for Report Use

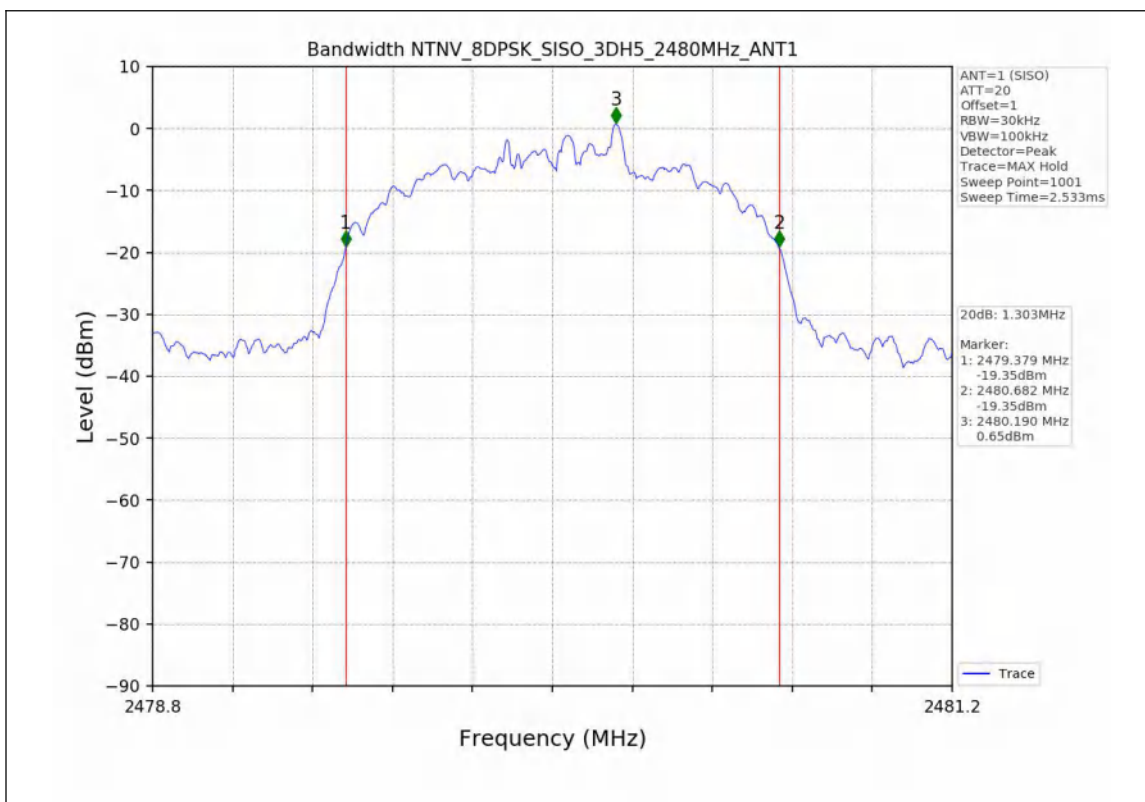
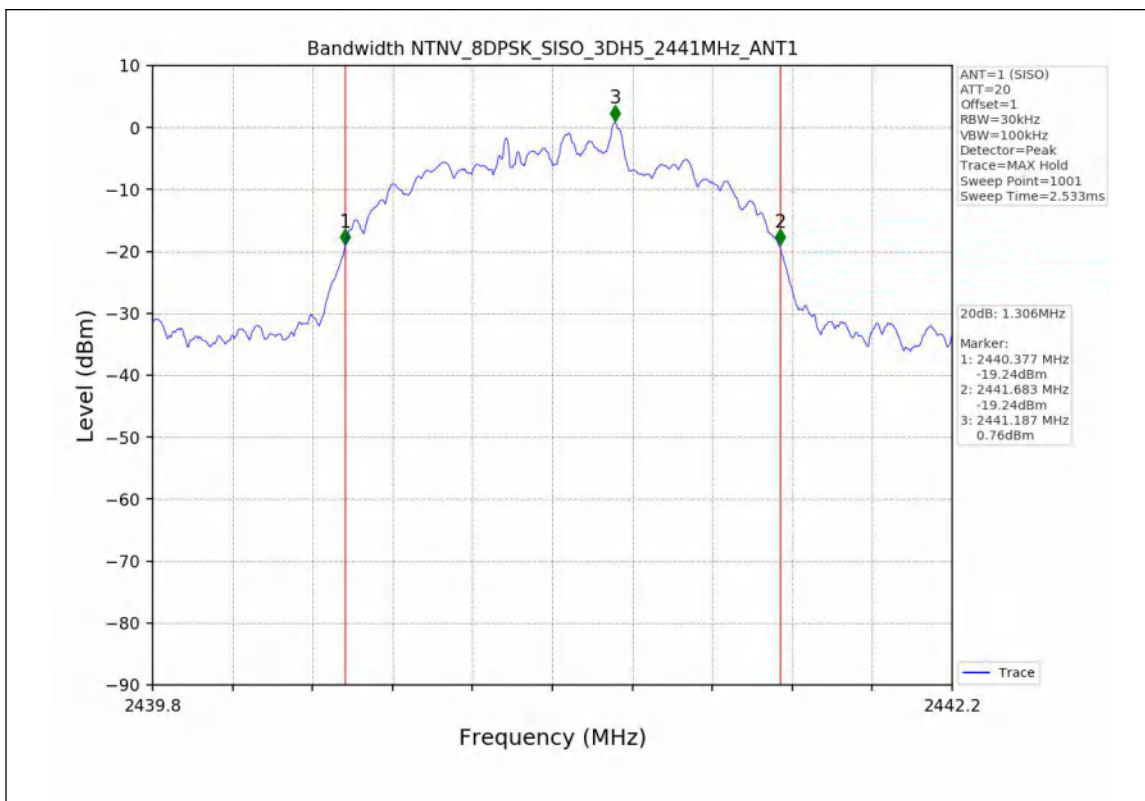
1.2 Test Graph - 20dB Bandwidth



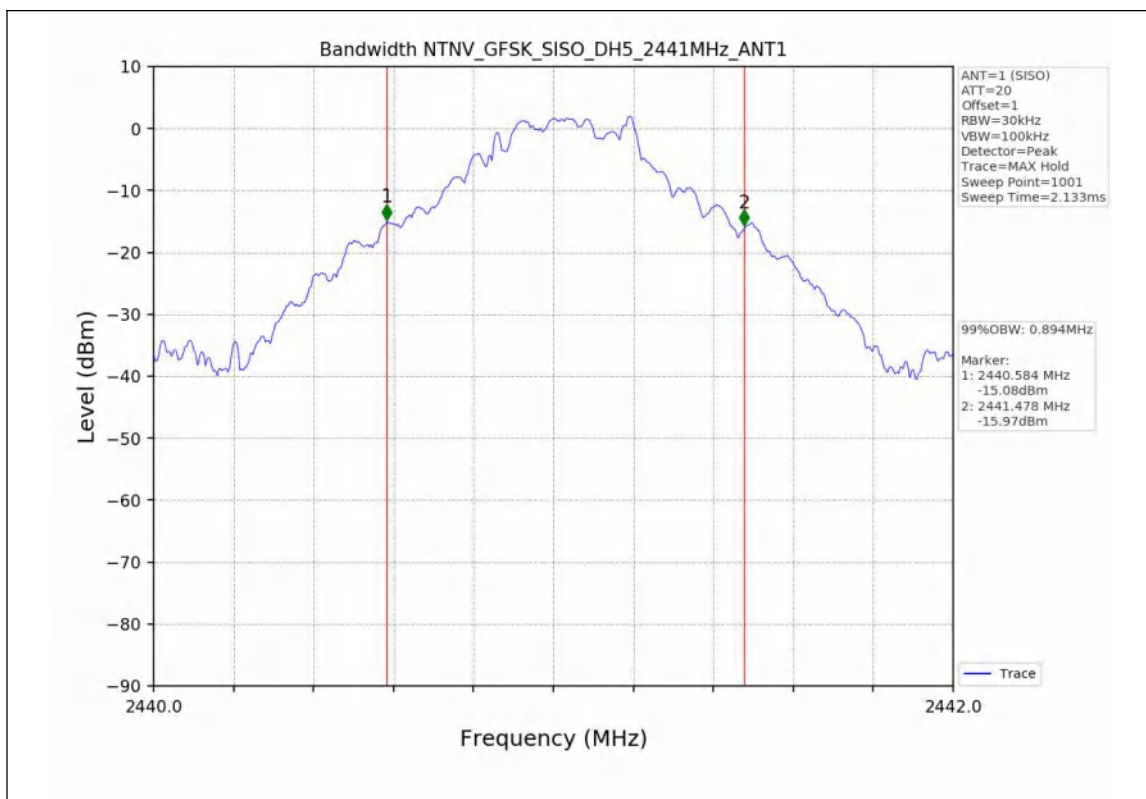
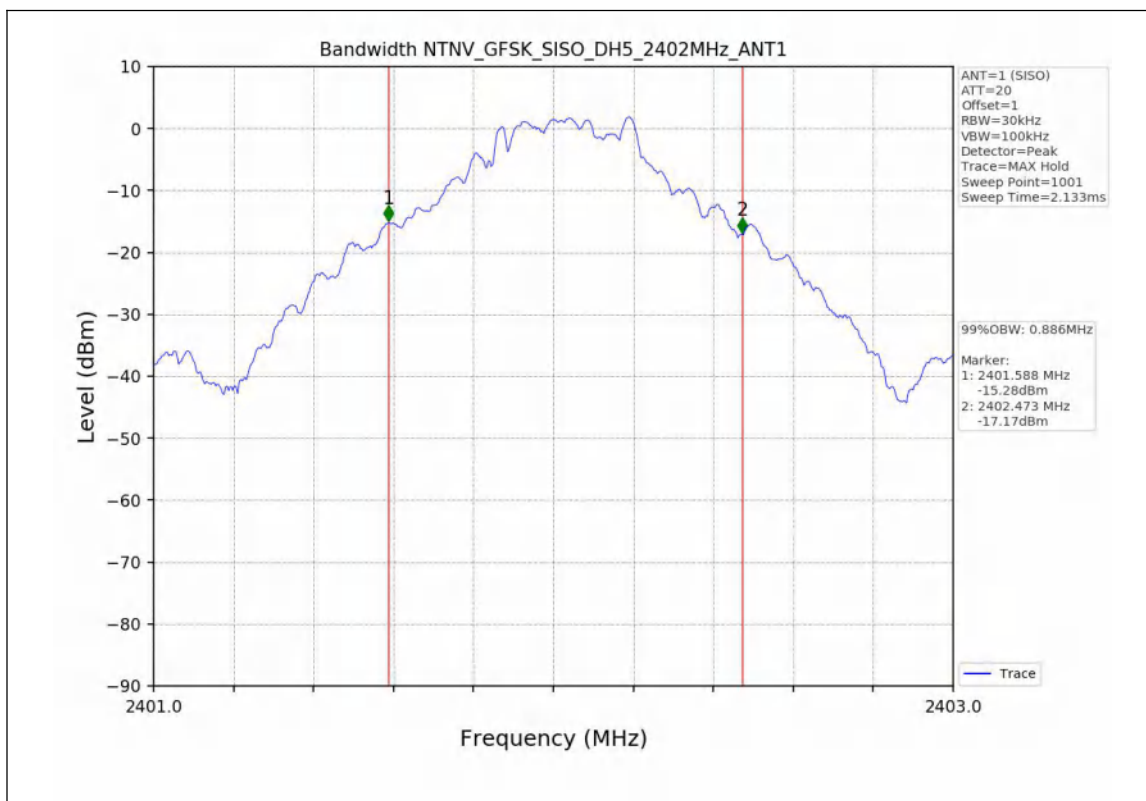


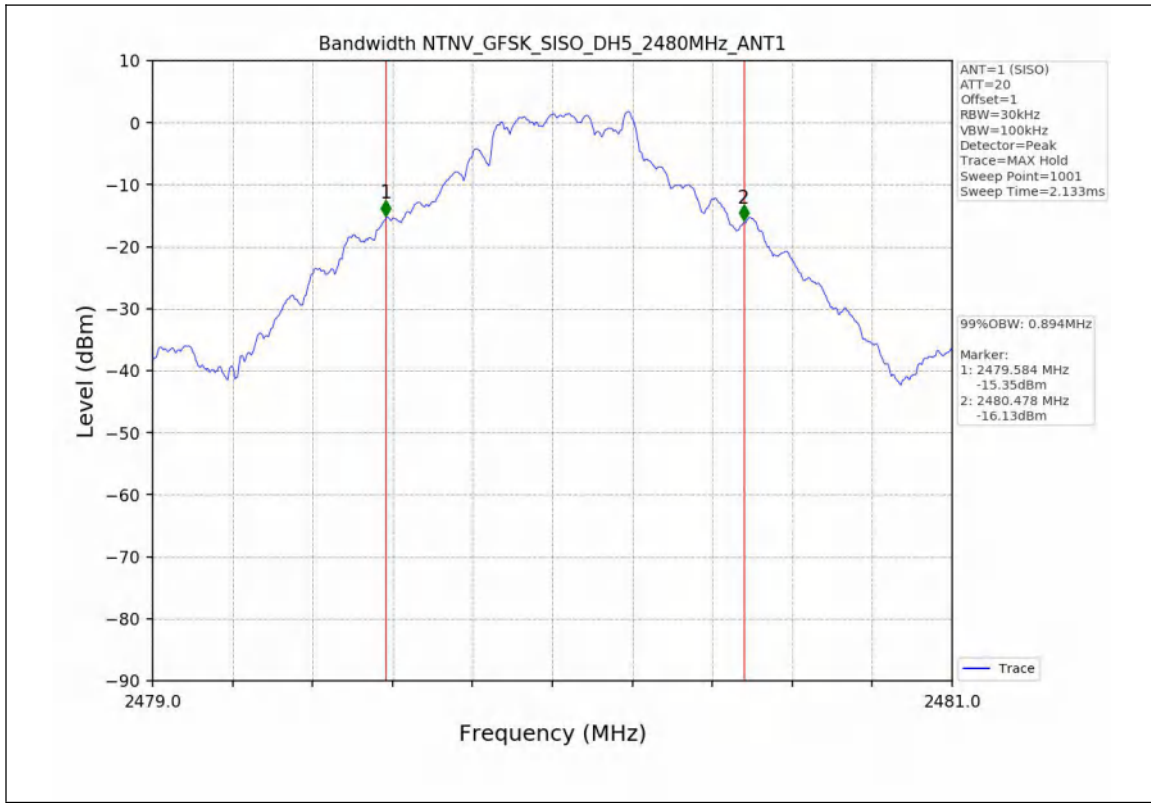


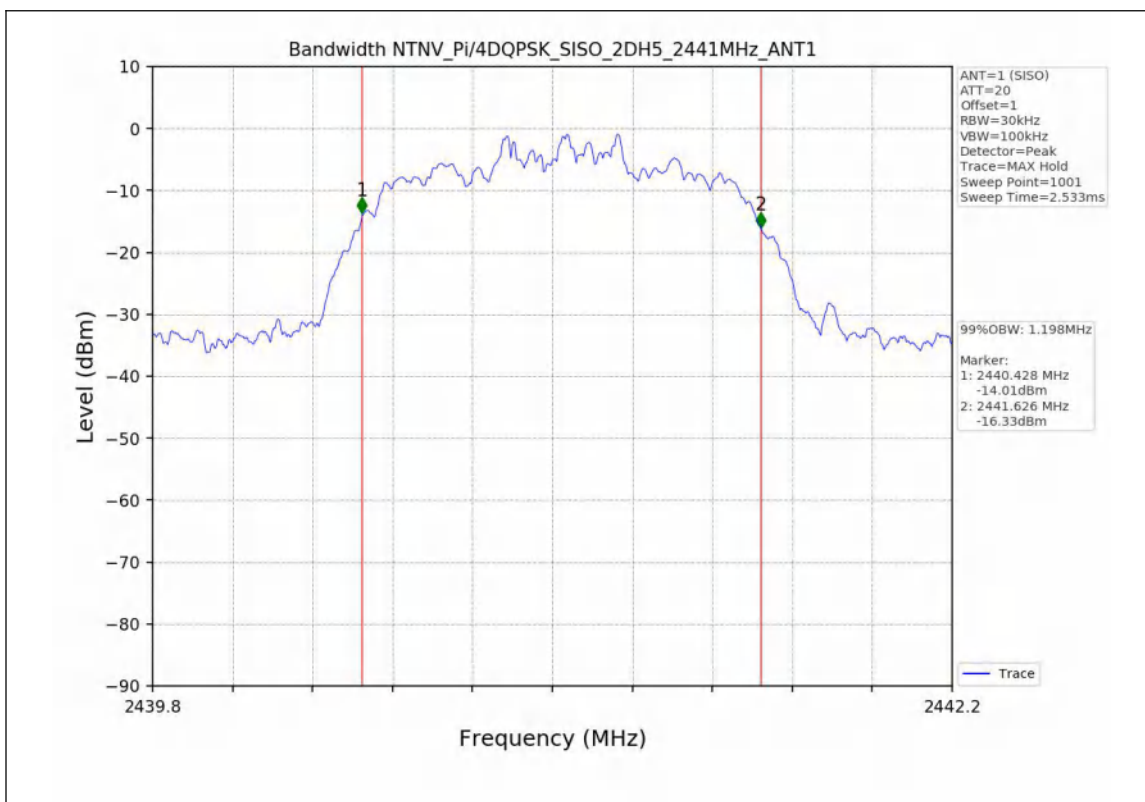
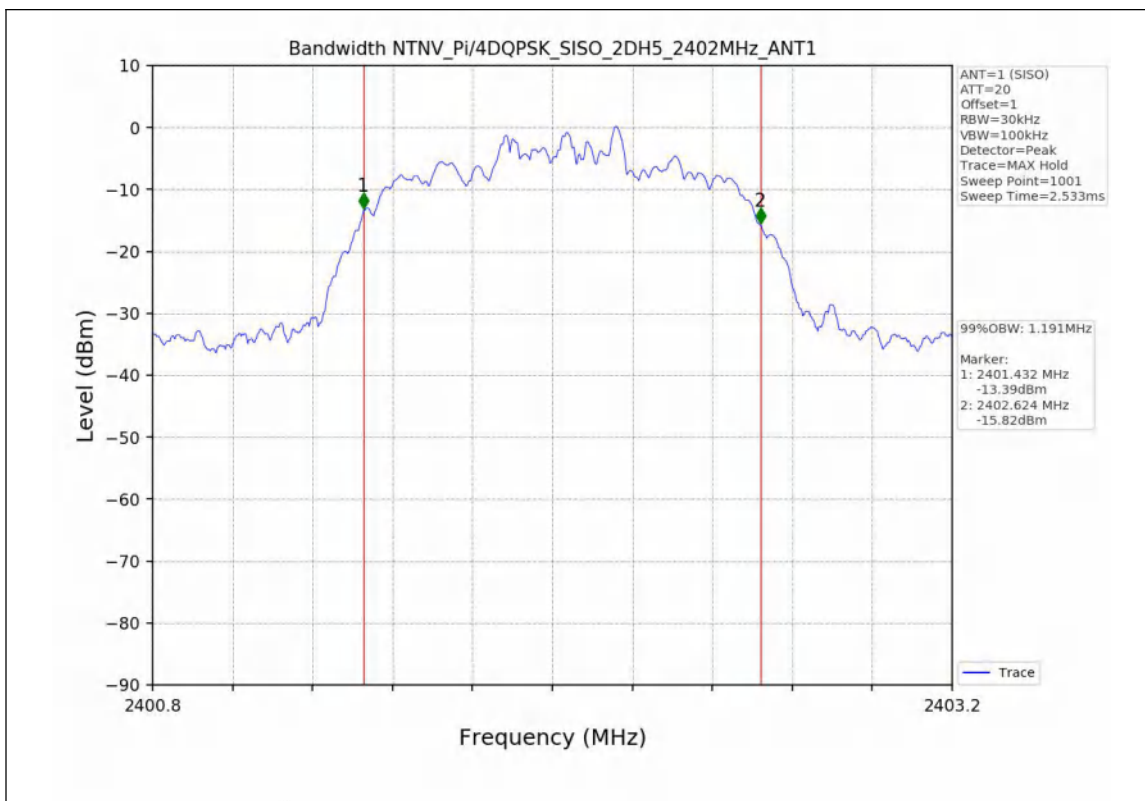


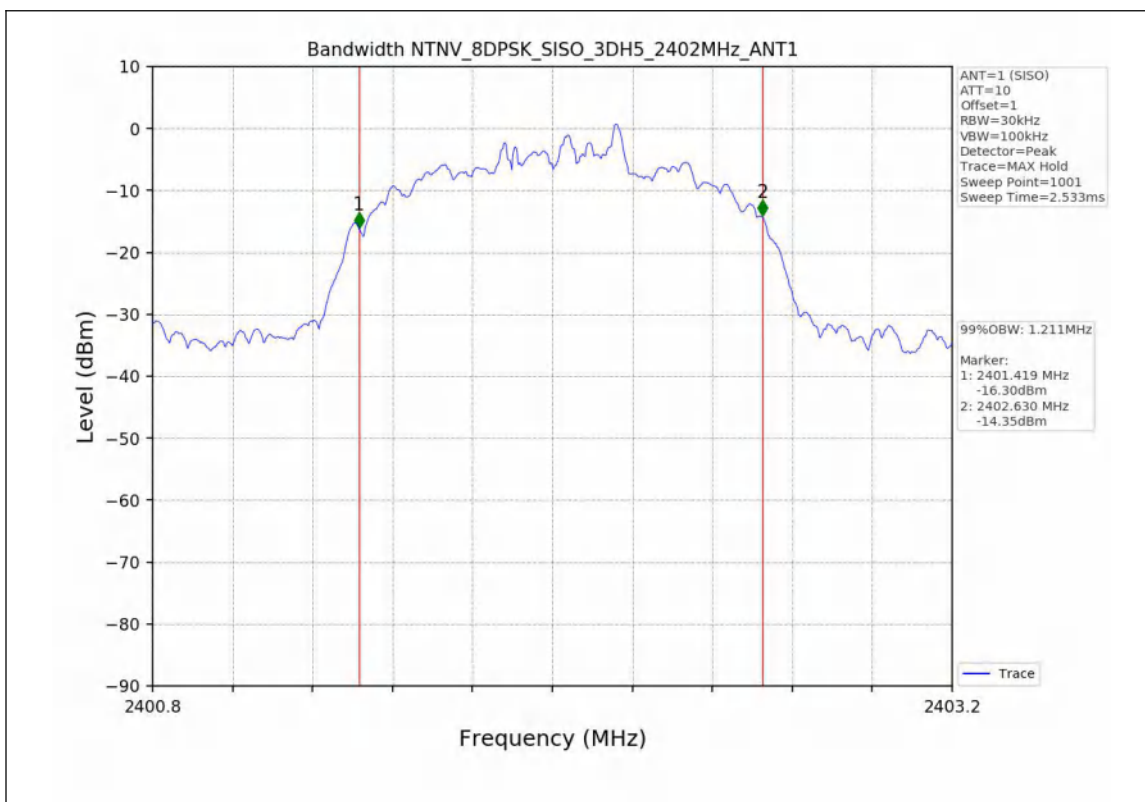
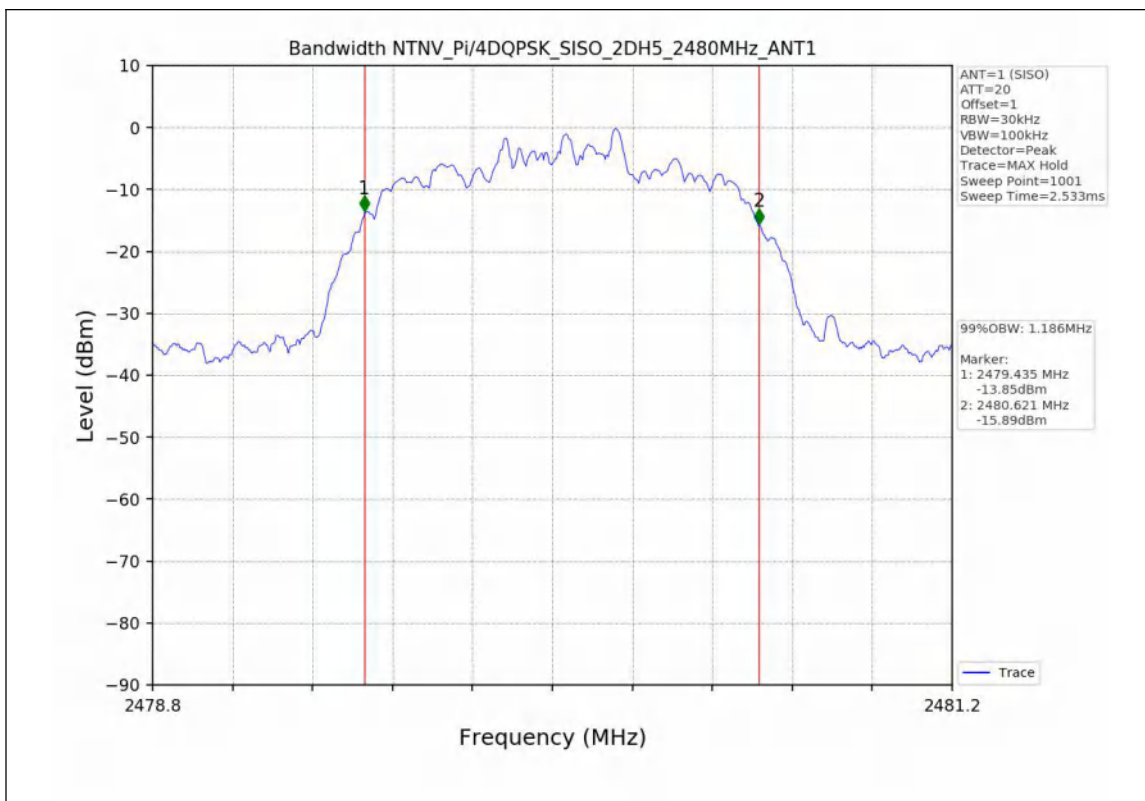


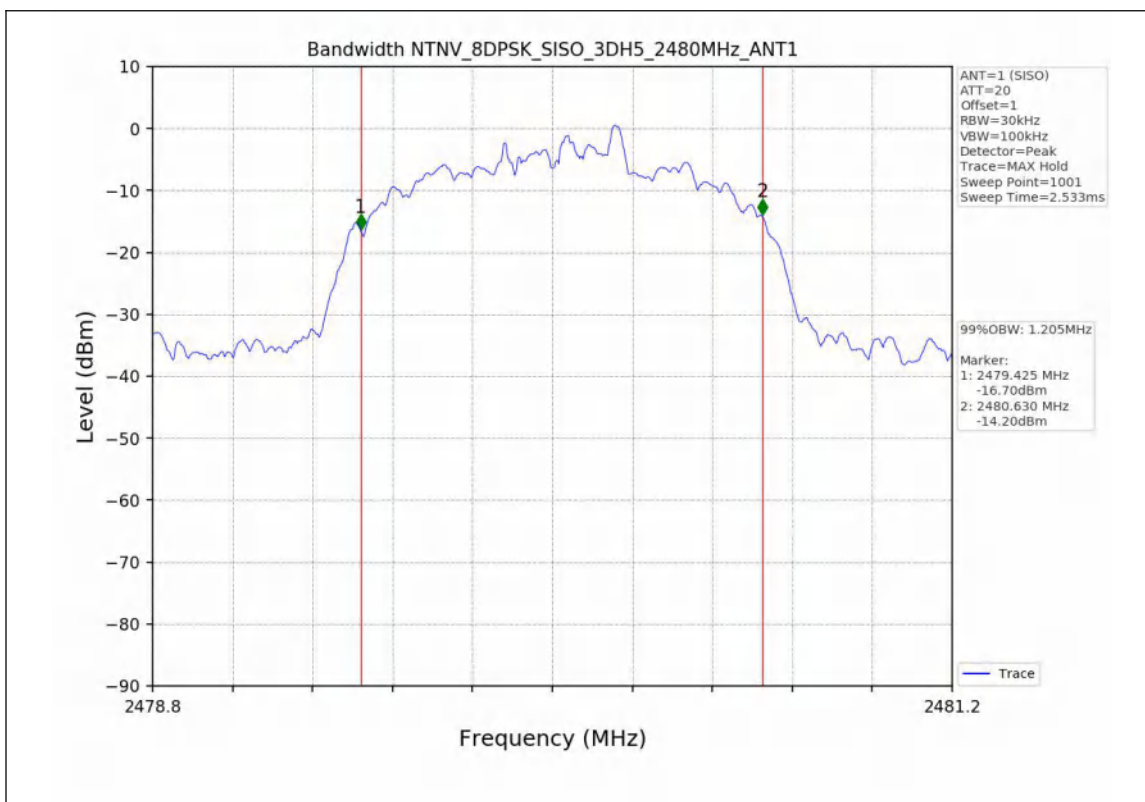
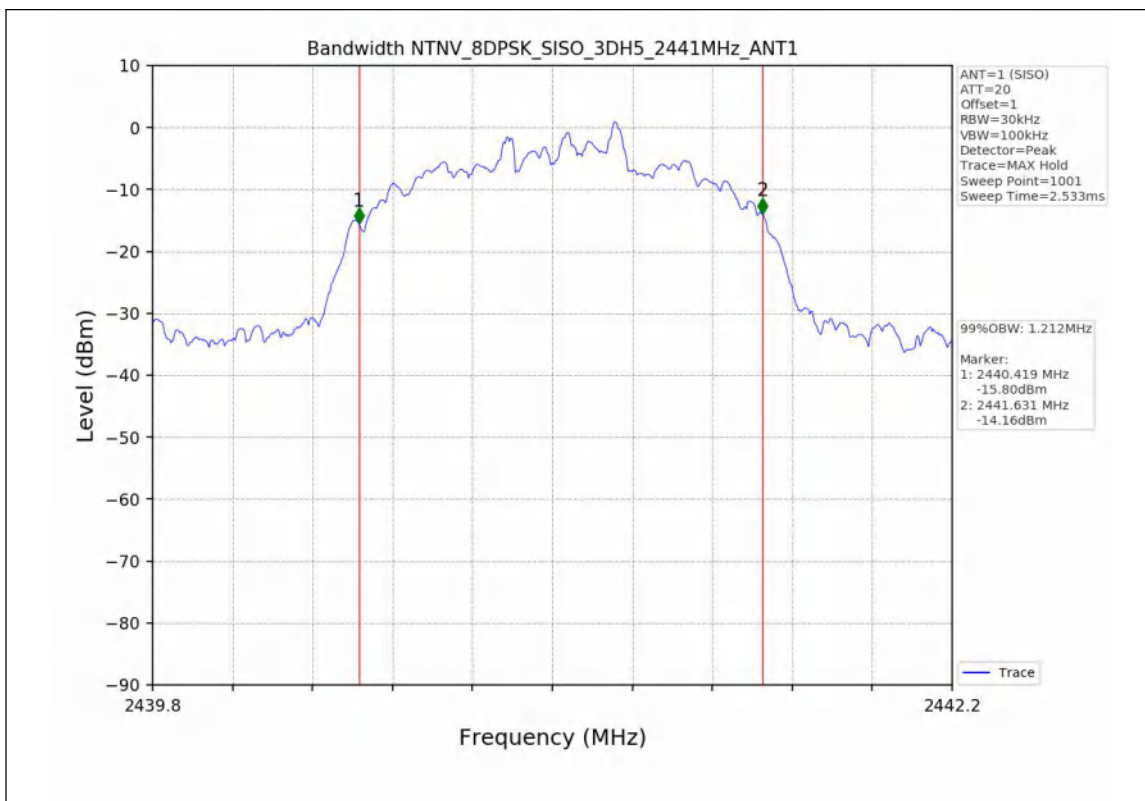
1.3 Test Graph - 99% Occupied Bandwidth









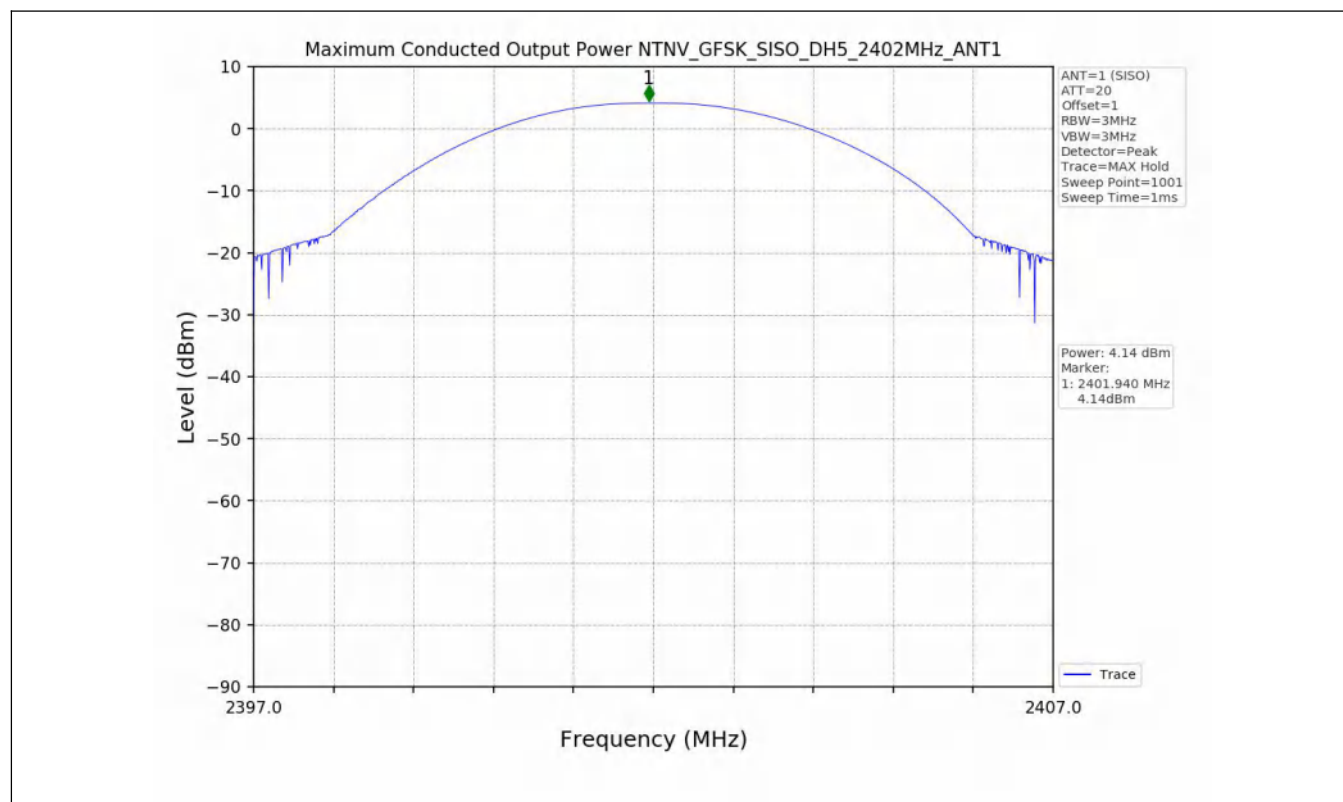


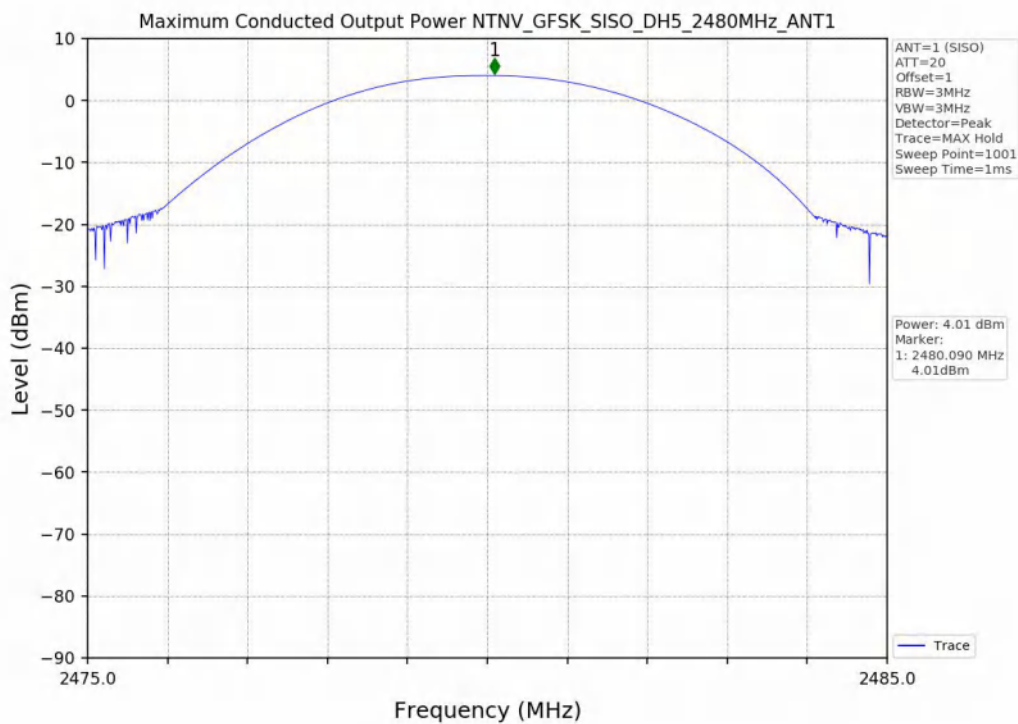
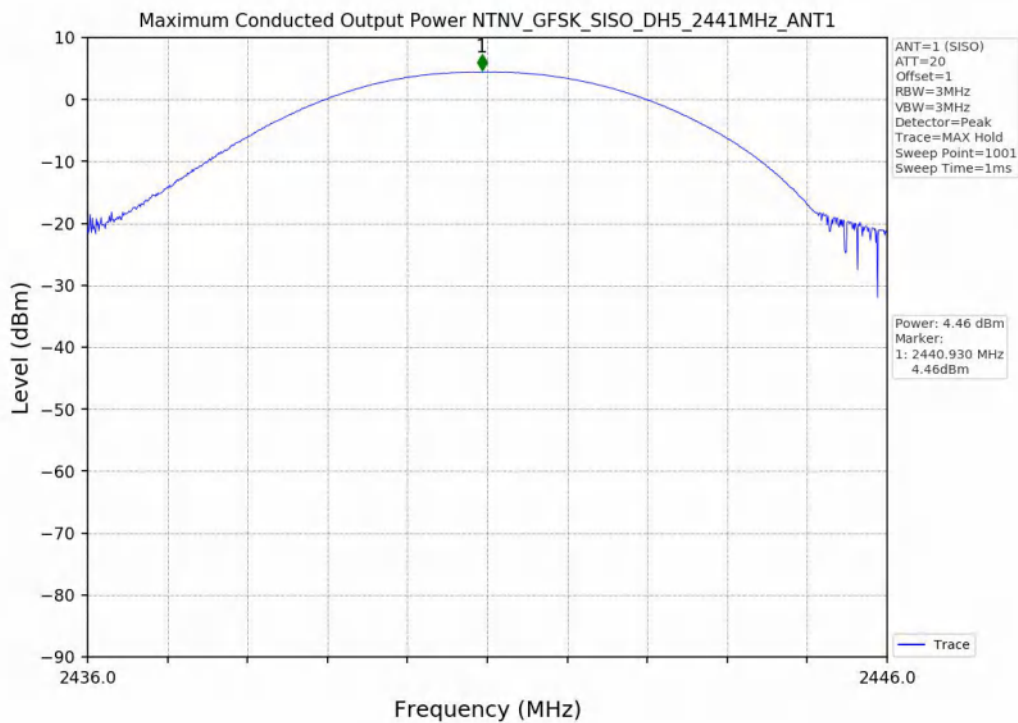
2. Maximum Conducted Output Power

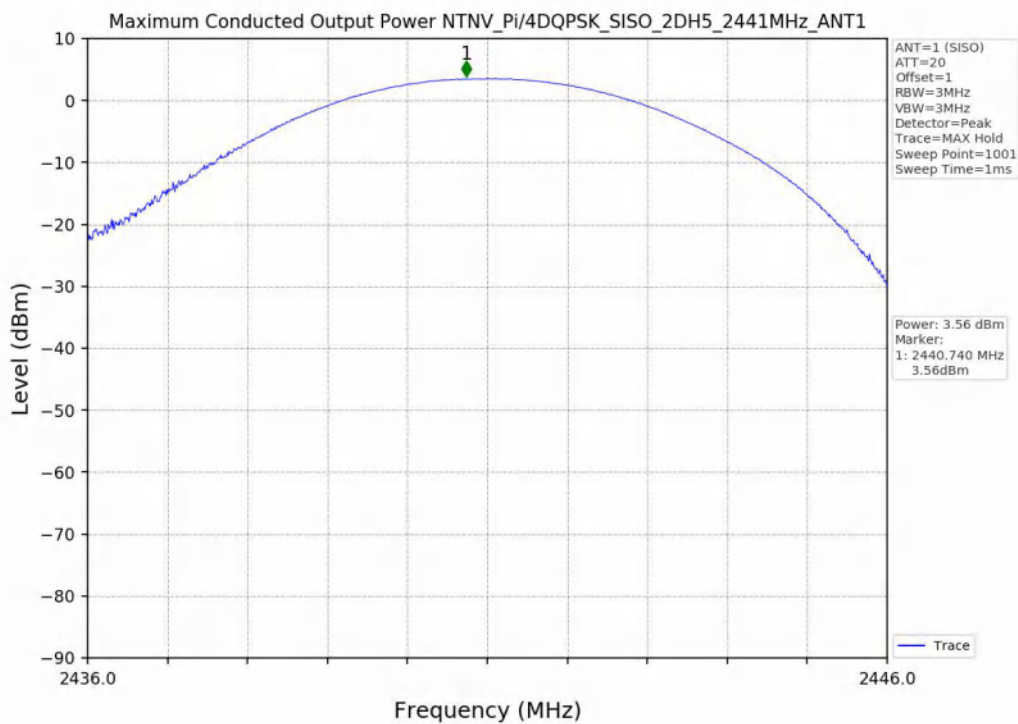
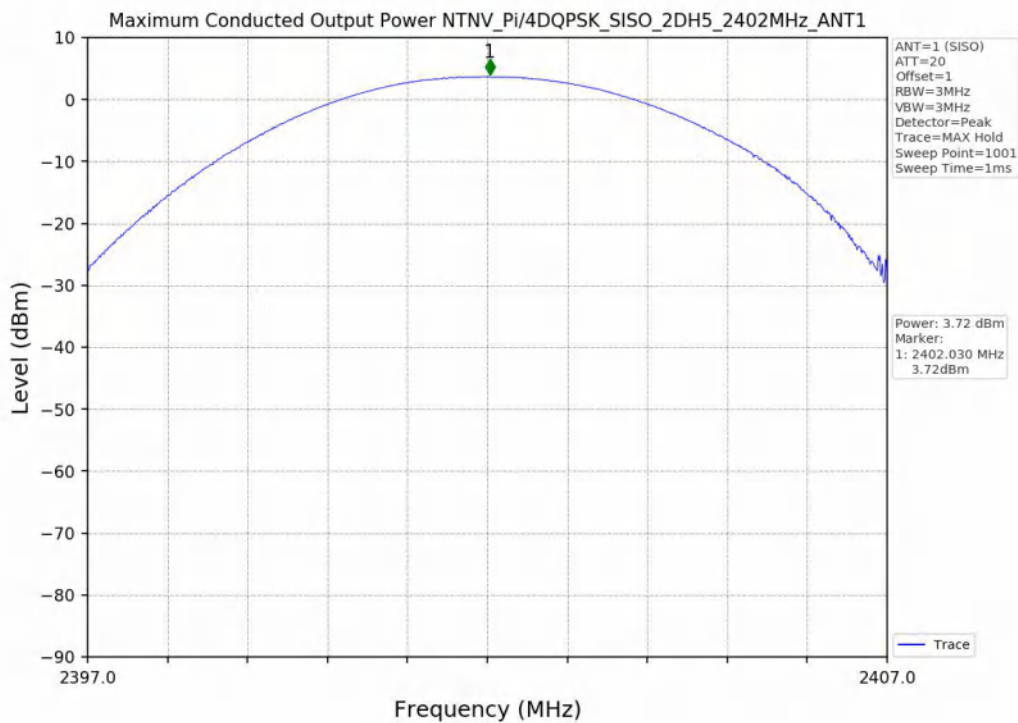
2.1 Test Result

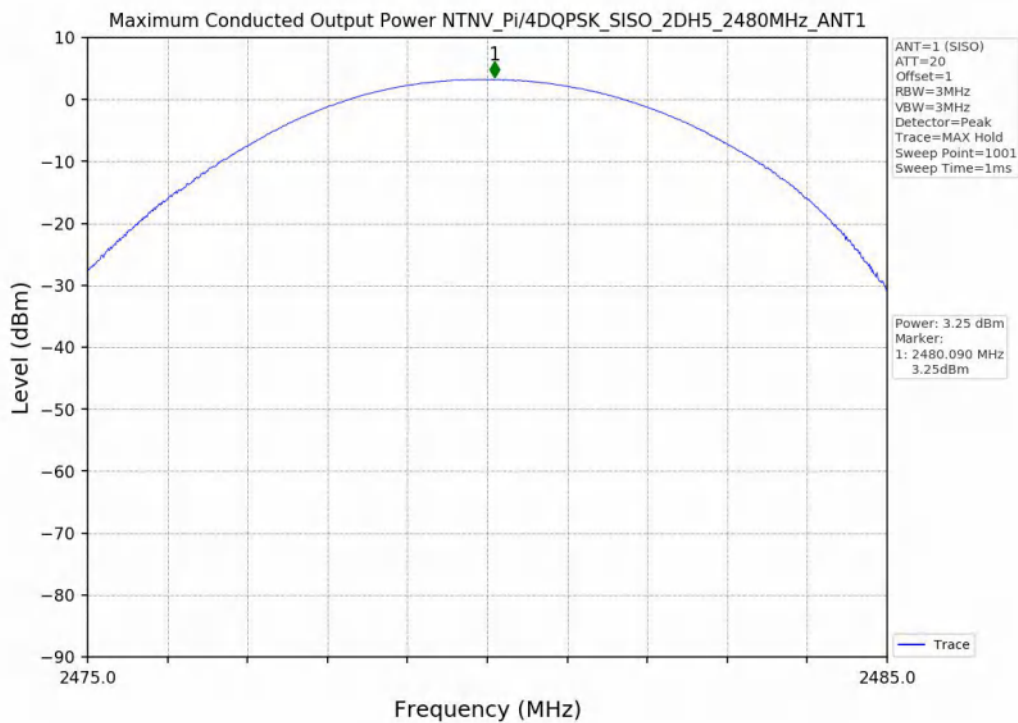
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	4.14	20.97	PASS
	2441	SISO	4.46	20.97	PASS
	2480	SISO	4.01	20.97	PASS
Pi/4DQPSK	2402	SISO	3.72	20.97	PASS
	2441	SISO	3.56	20.97	PASS
	2480	SISO	3.25	20.97	PASS
8DPSK	2402	SISO	3.63	20.97	PASS
	2441	SISO	3.83	20.97	PASS
	2480	SISO	3.51	20.97	PASS

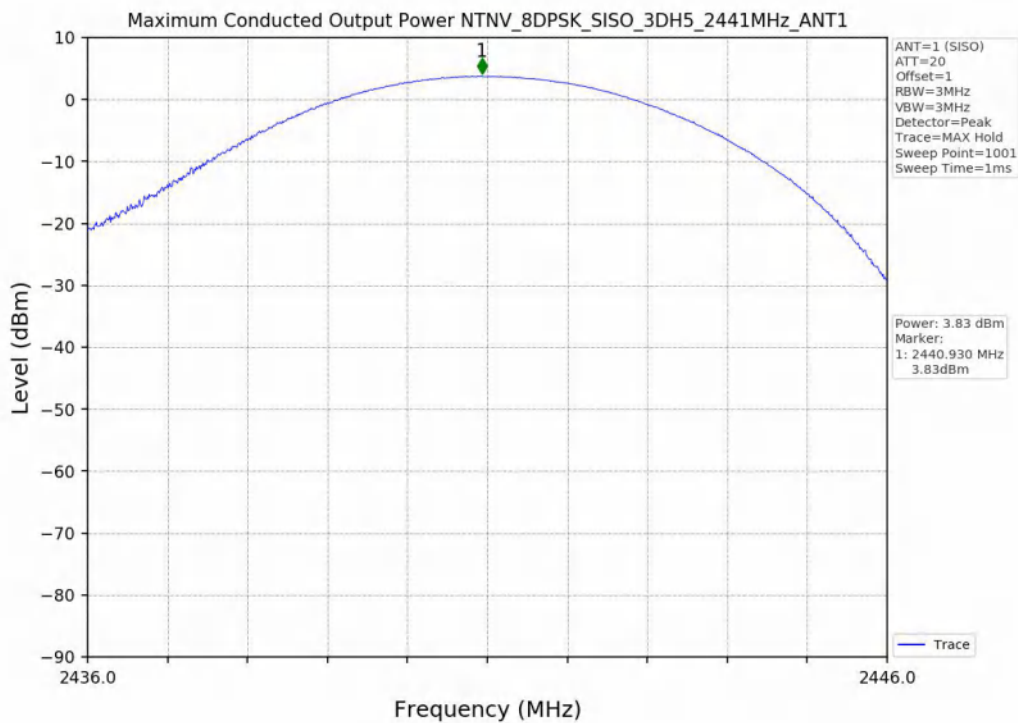
2.2 Test Graph









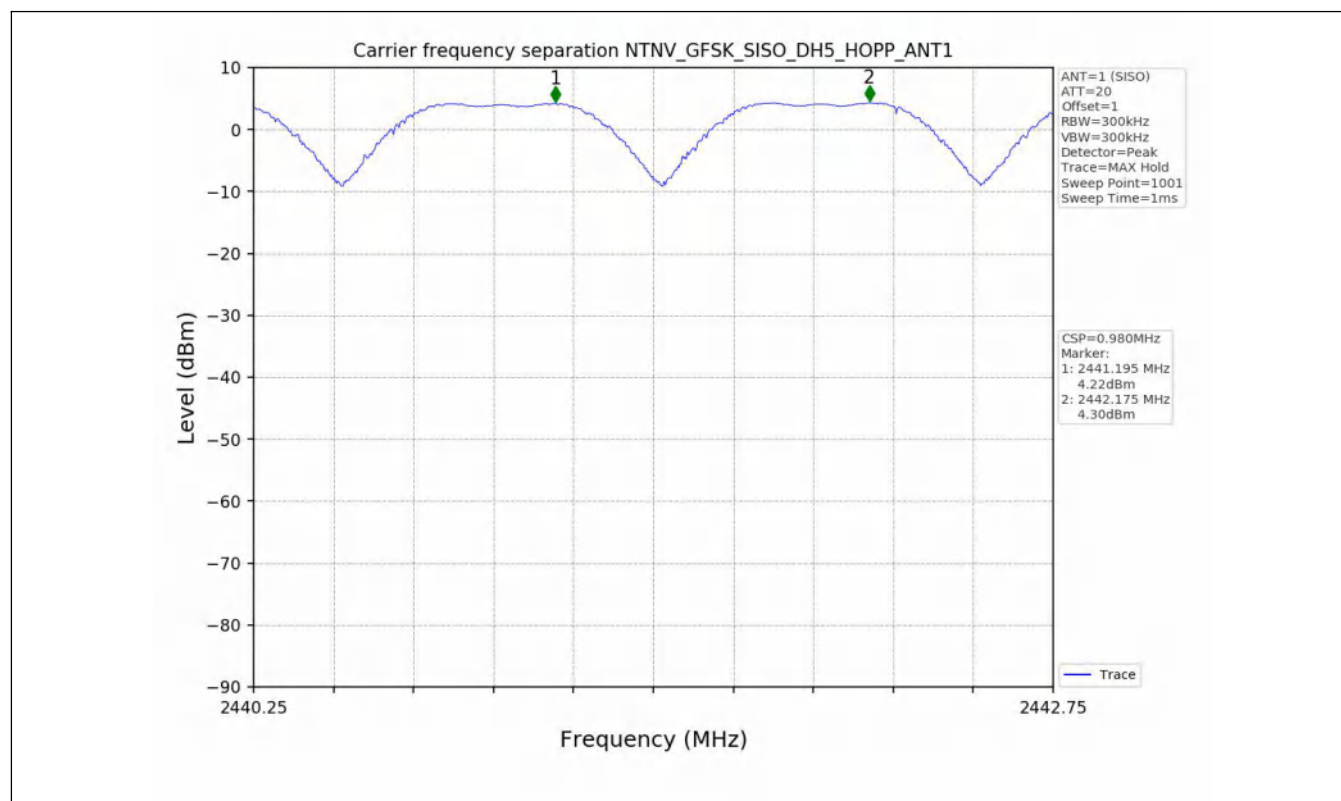


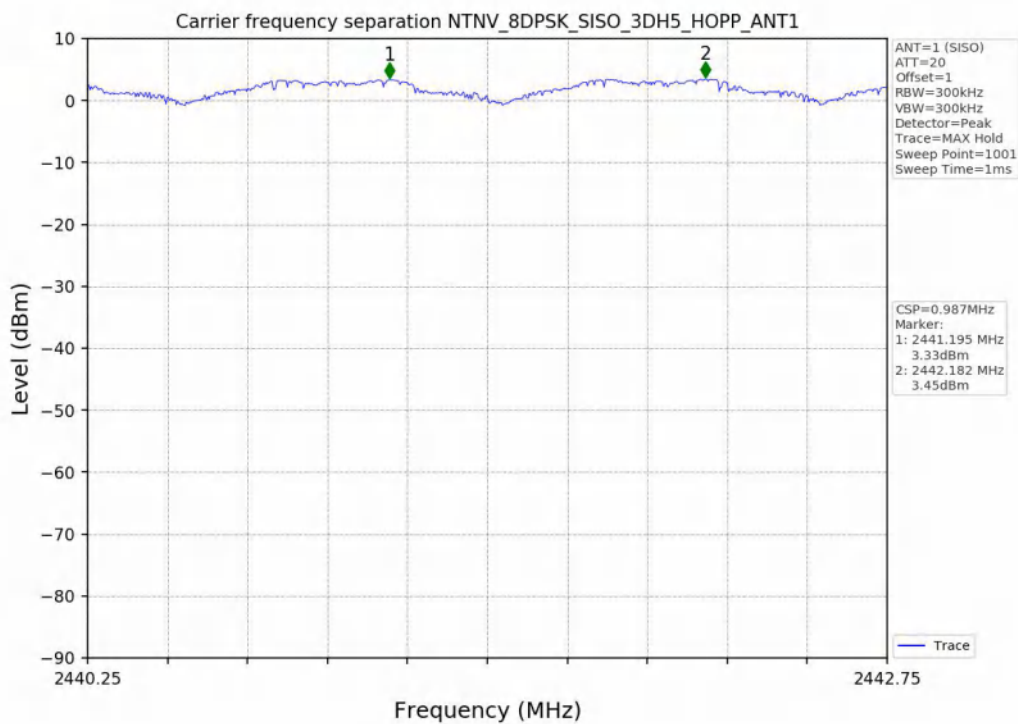
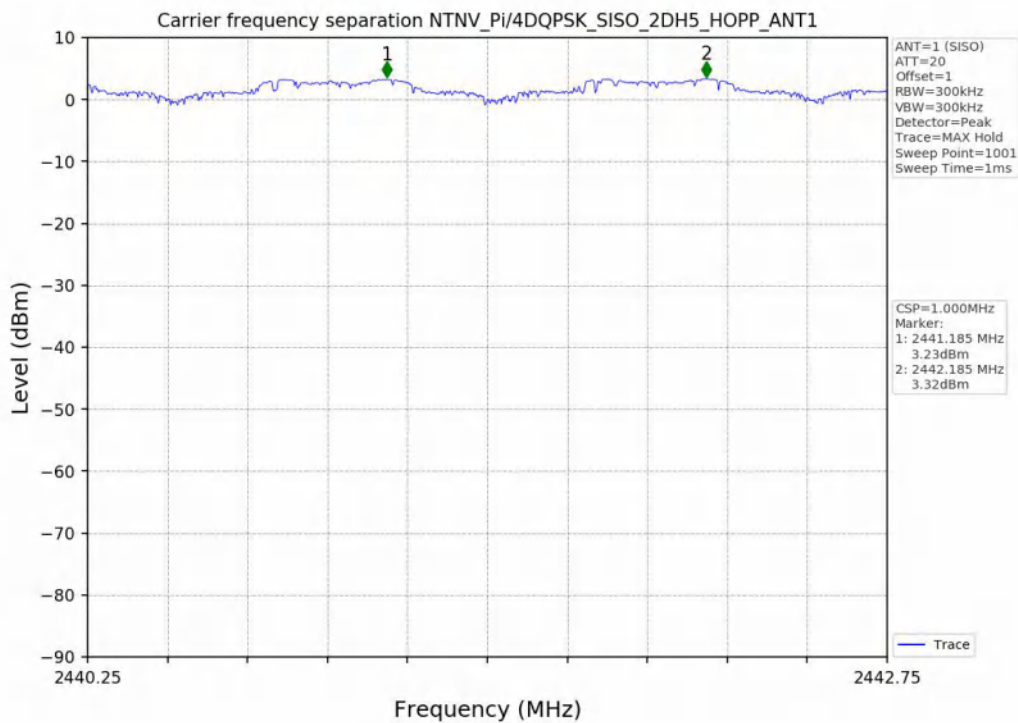
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.980	1.032	≥ 0.688	PASS
Pi/4DQPSK	SISO	1	1.000	1.331	≥ 0.887	PASS
8DPSK	SISO	1	0.987	1.308	≥ 0.872	PASS

3.2 Test Graph



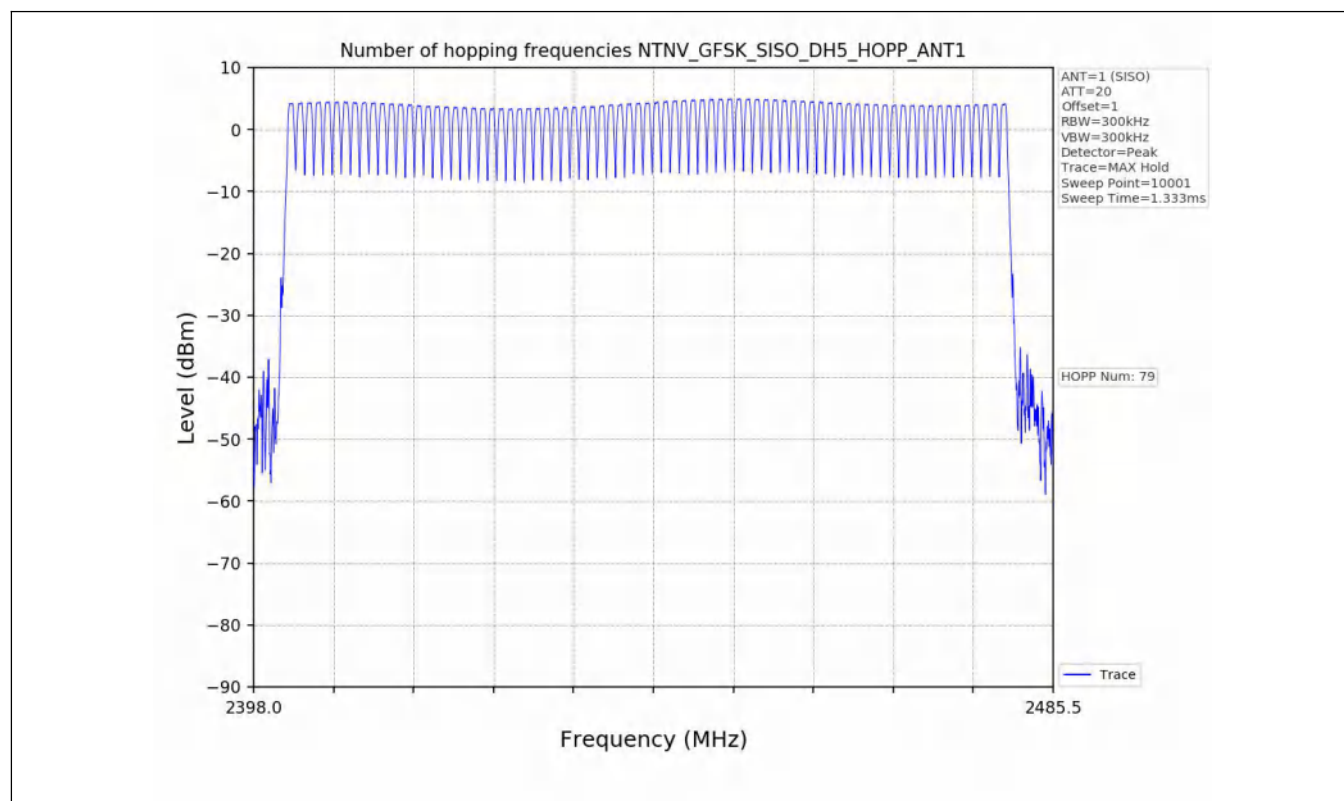


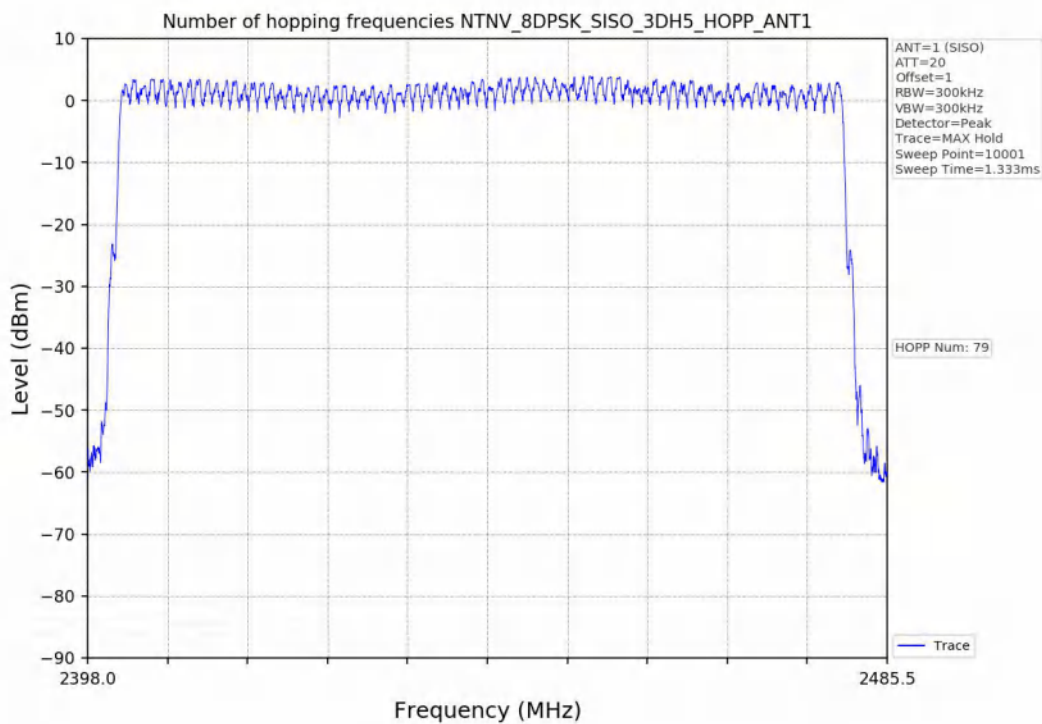
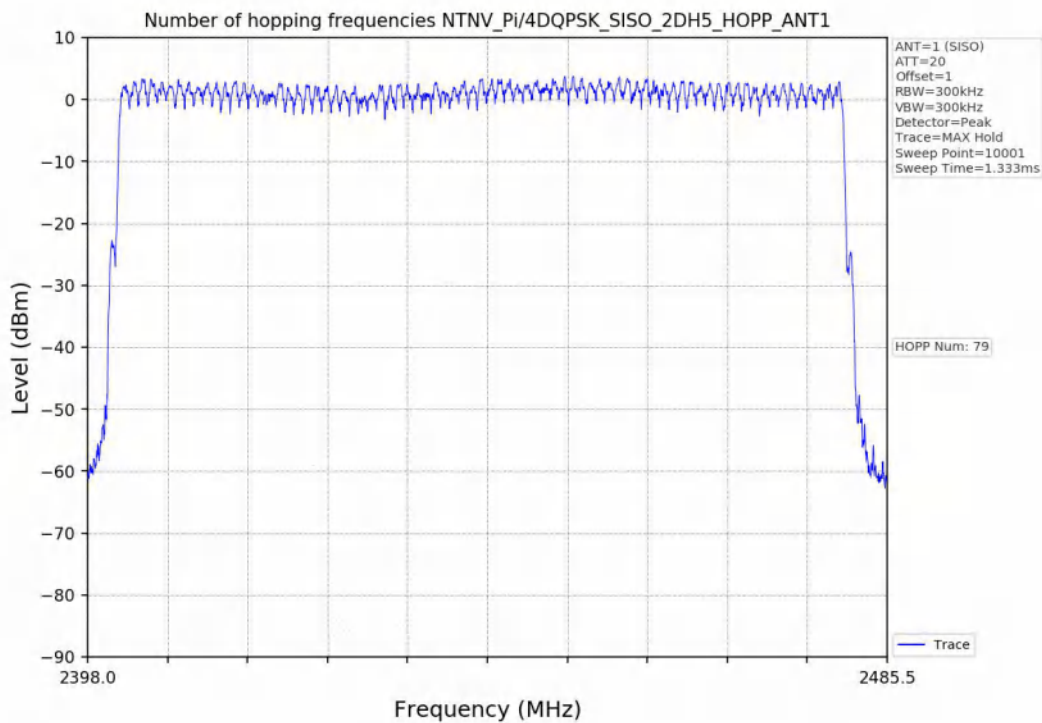
4. Number of hopping frequencies

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



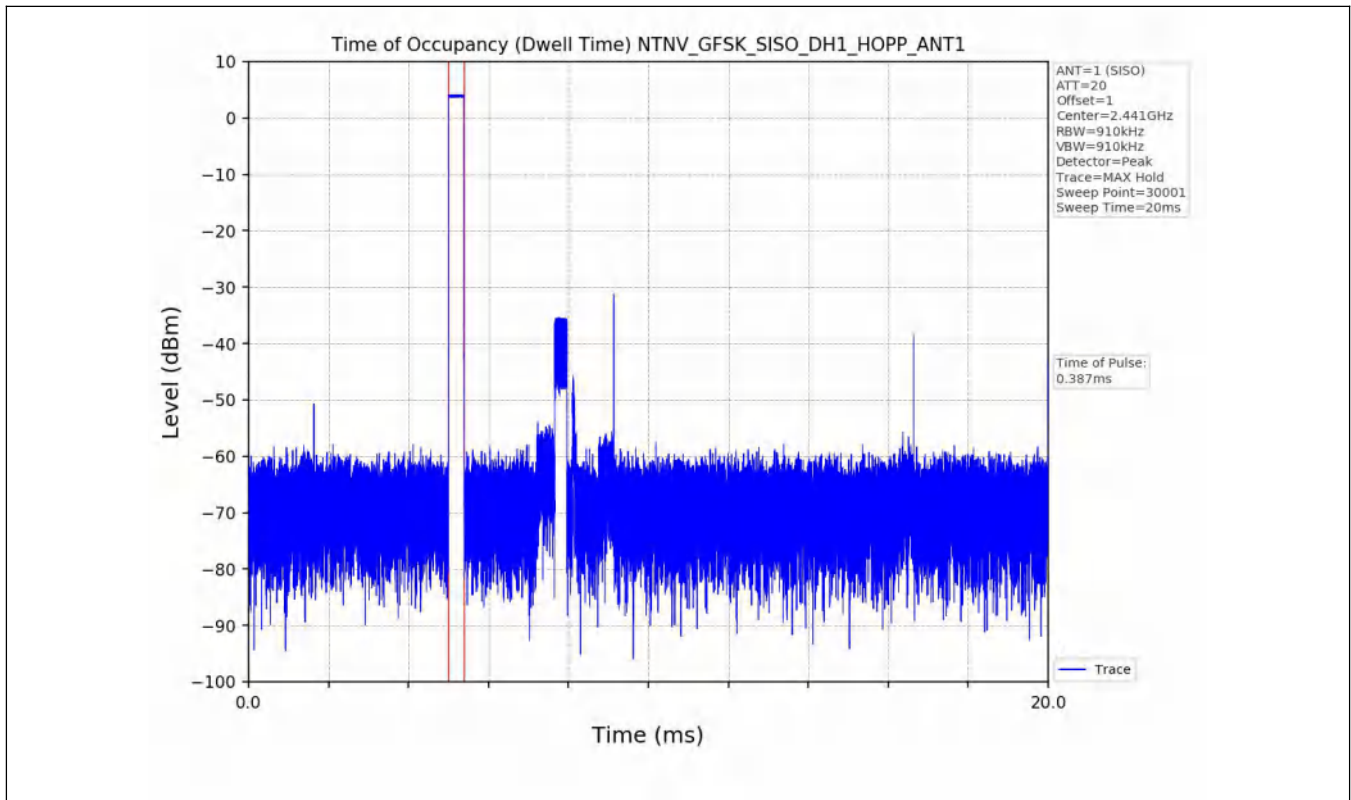


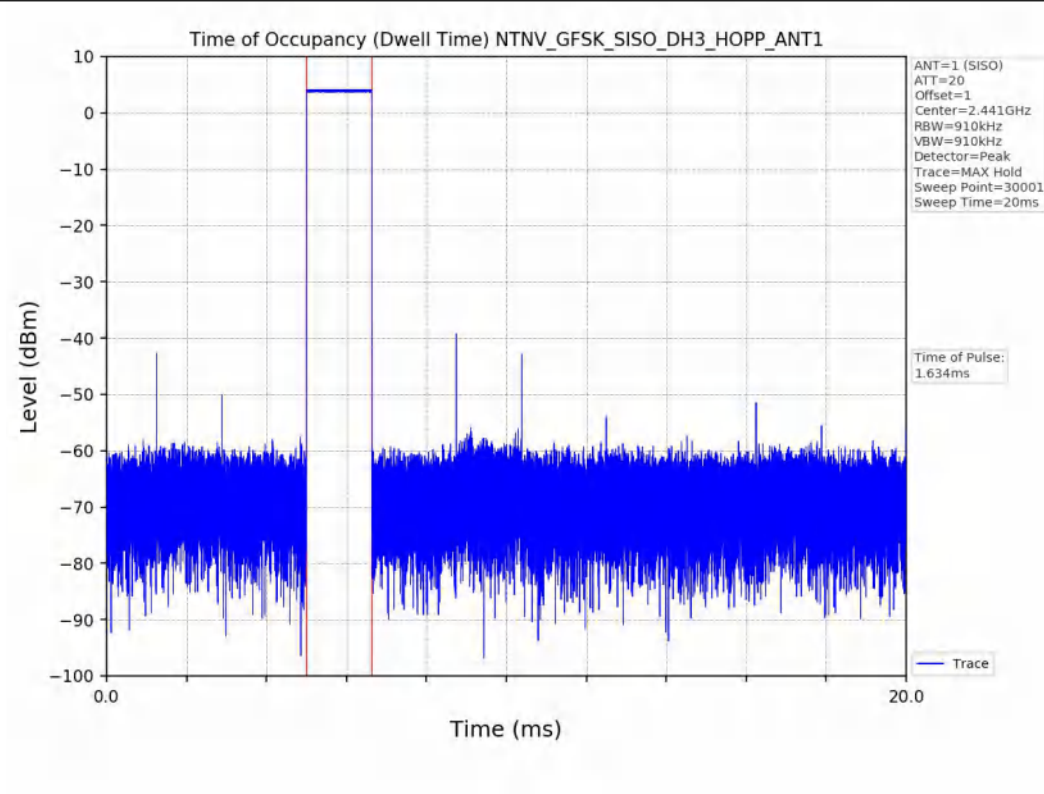
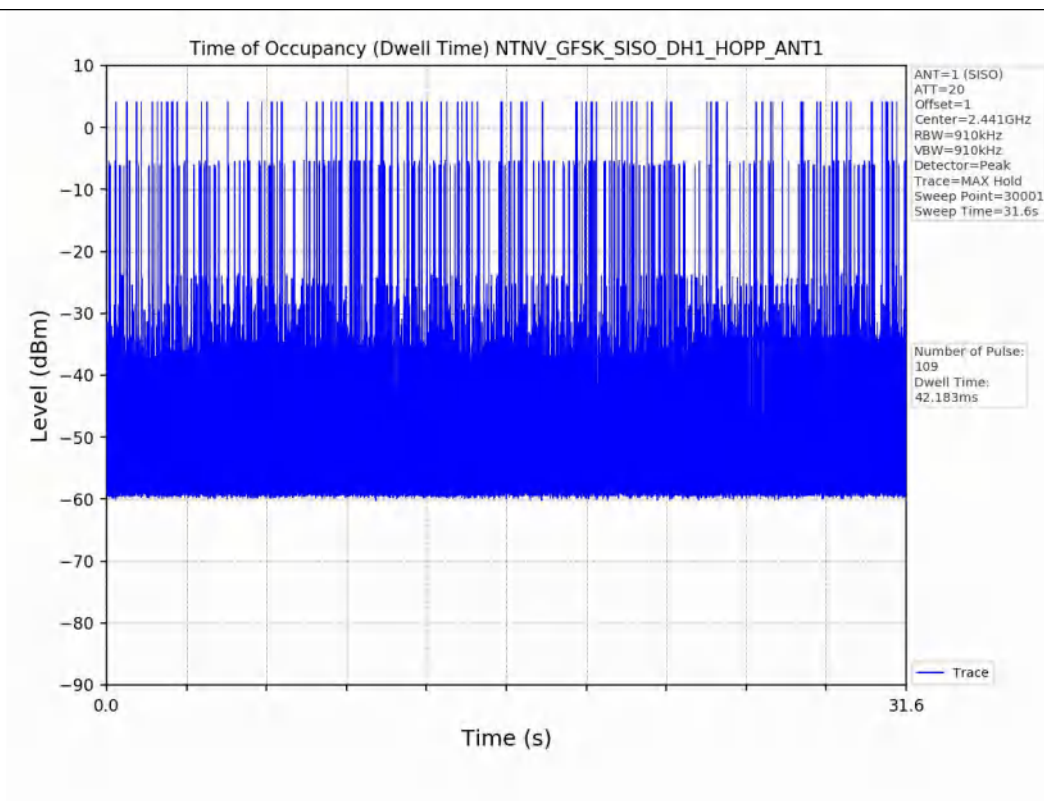
5. Time of Occupancy (Dwell Time)

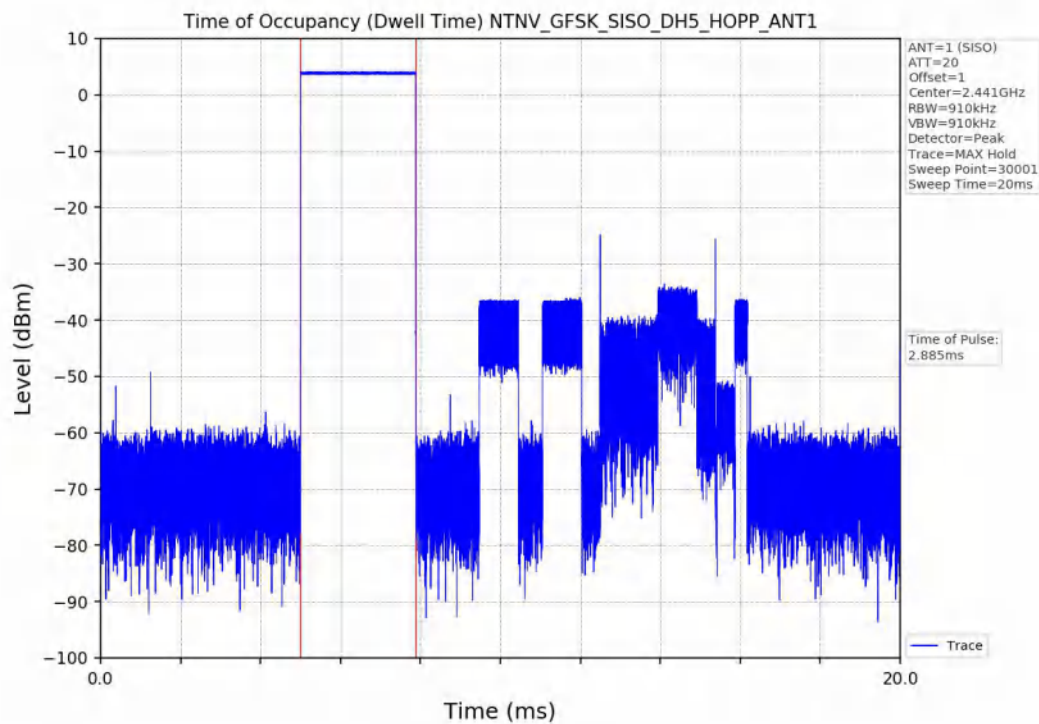
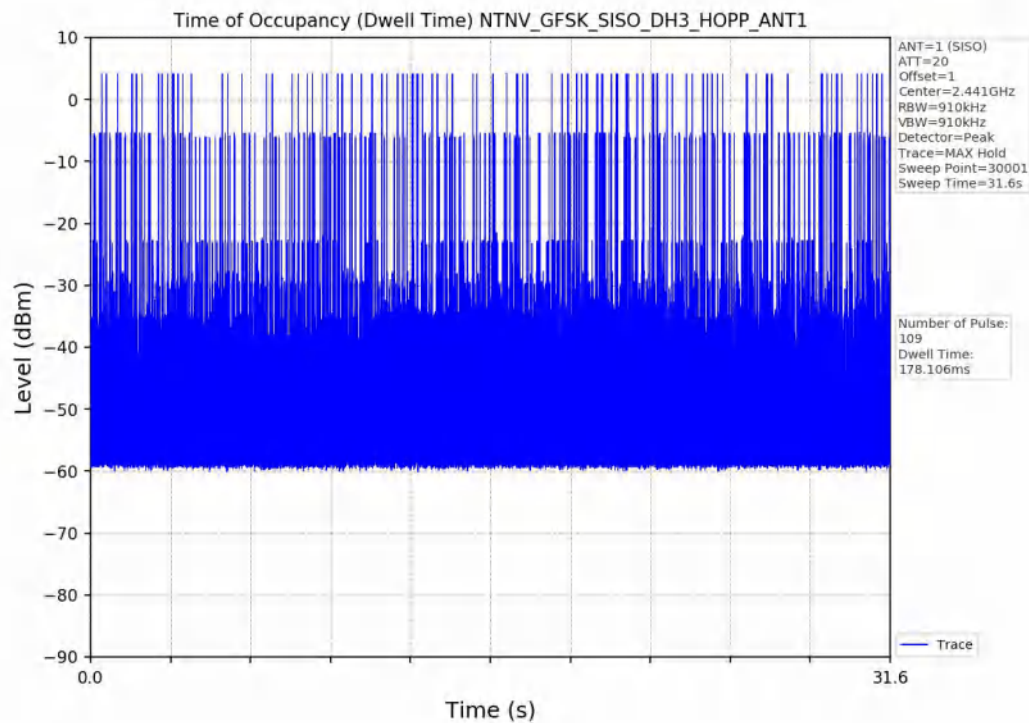
5.1 Test Result

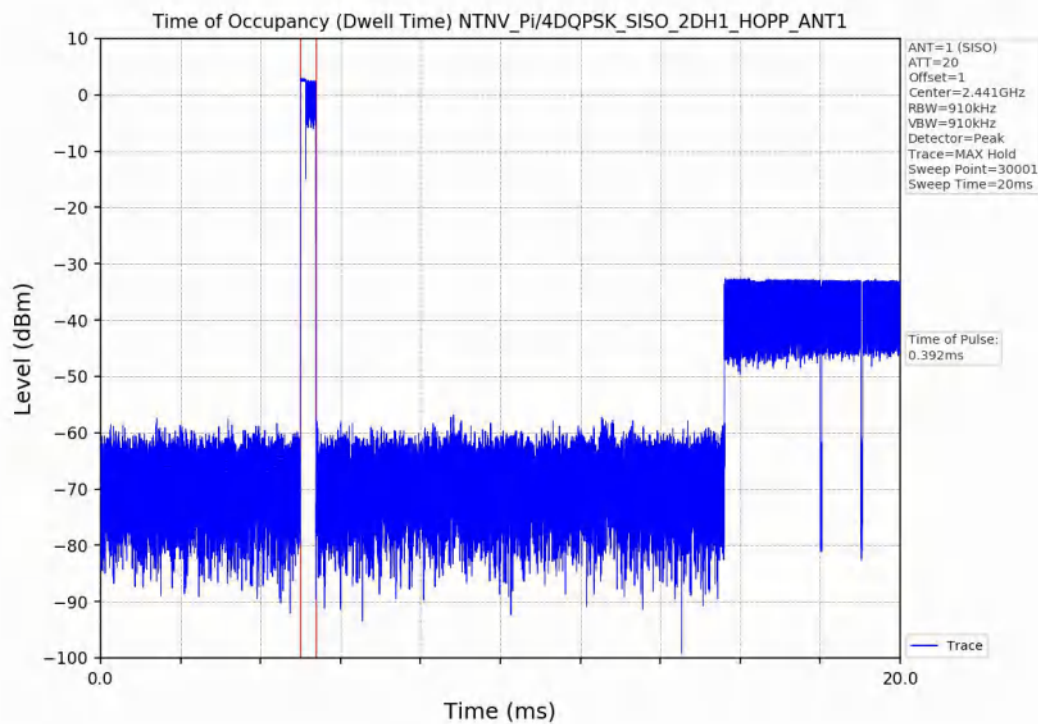
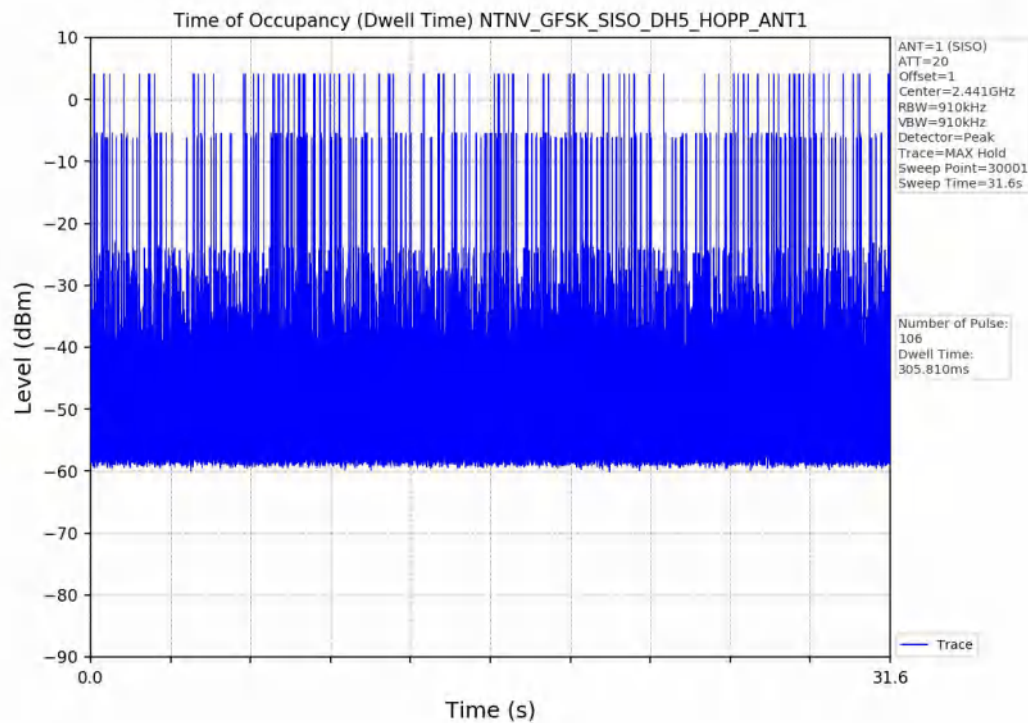
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.387	31.6	109	42.183	≤400	PASS
	DH3	SISO	1	1.634	31.6	109	178.106	≤400	PASS
	DH5	SISO	1	2.885	31.6	106	305.810	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.392	31.6	104	40.768	≤400	PASS
	2DH3	SISO	1	1.639	31.6	158	258.962	≤400	PASS
	2DH5	SISO	1	2.886	31.6	105	303.030	≤400	PASS
8DPSK	3DH1	SISO	1	0.389	31.6	320	124.480	≤400	PASS
	3DH3	SISO	1	1.637	31.6	160	261.920	≤400	PASS
	3DH5	SISO	1	2.889	31.6	115	332.235	≤400	PASS

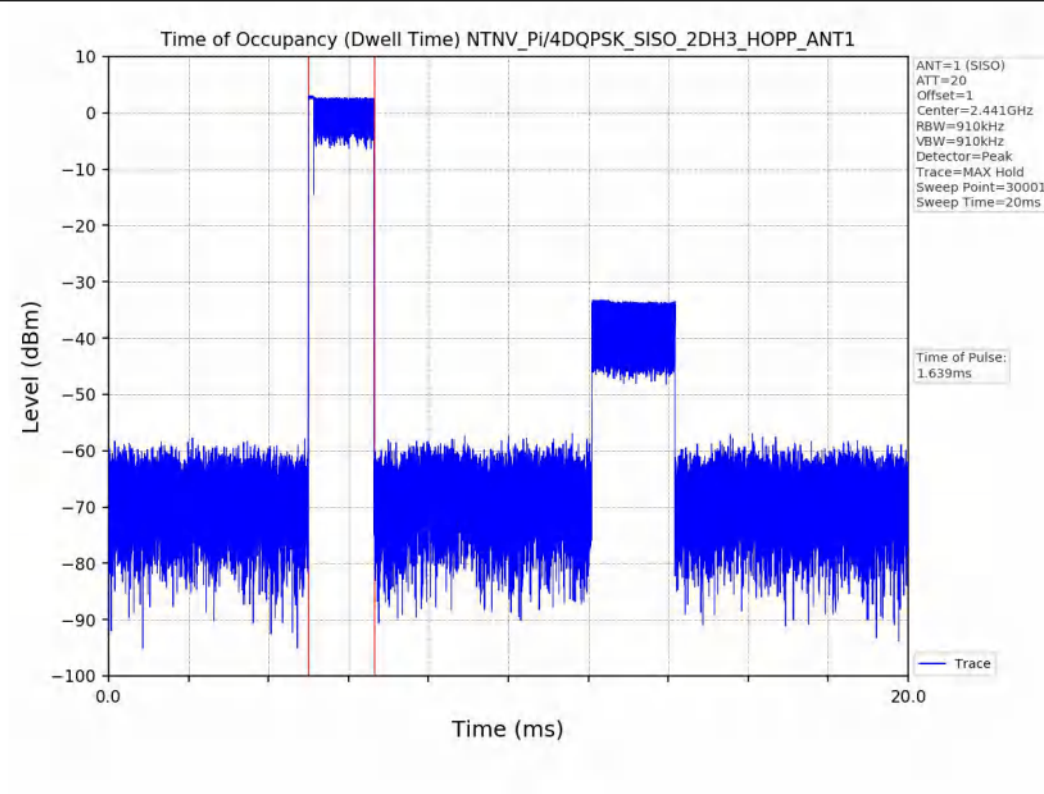
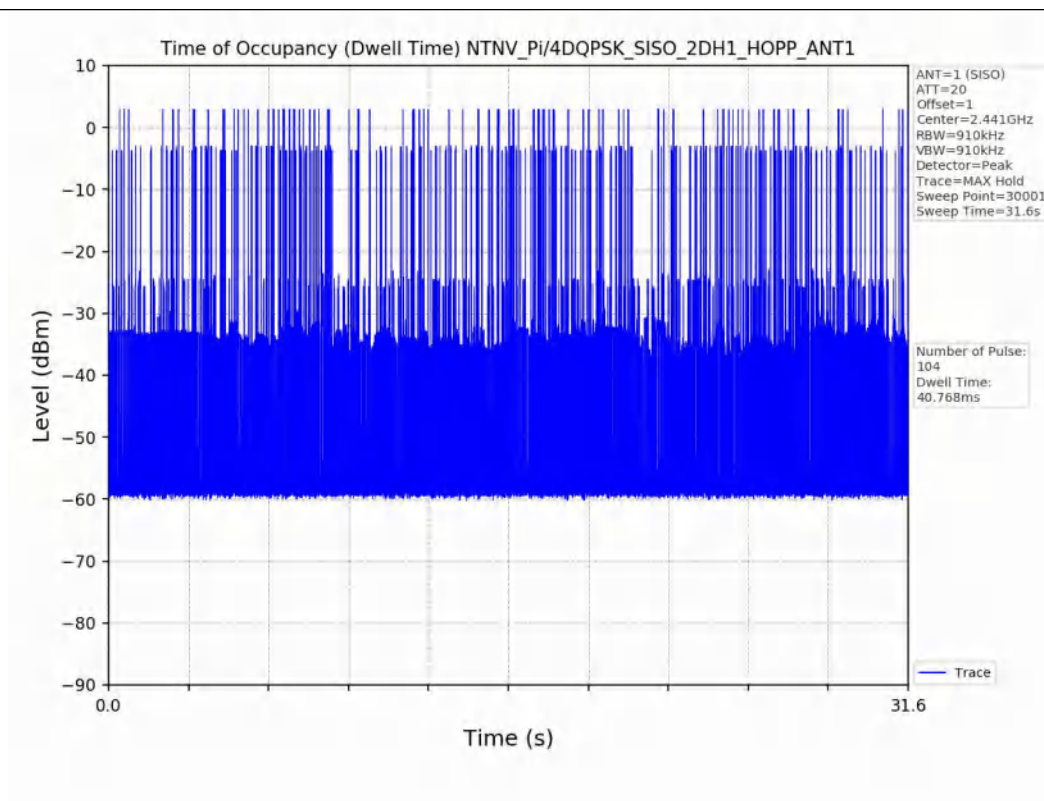
5.2 Test Graph

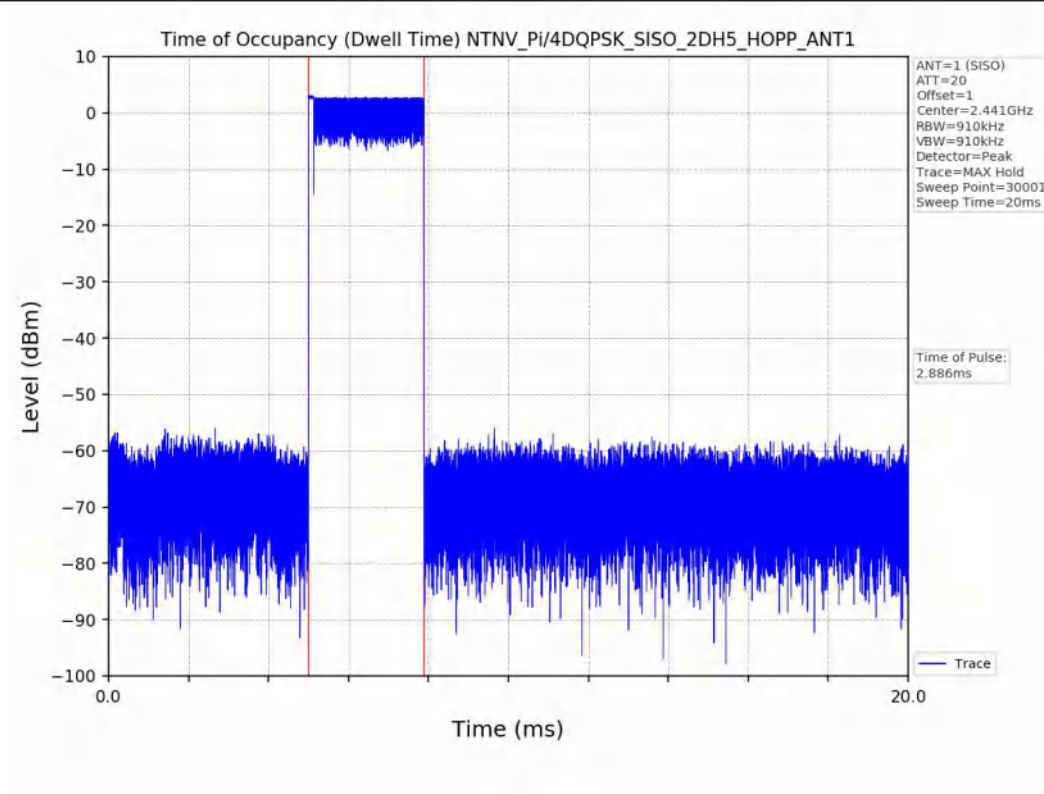
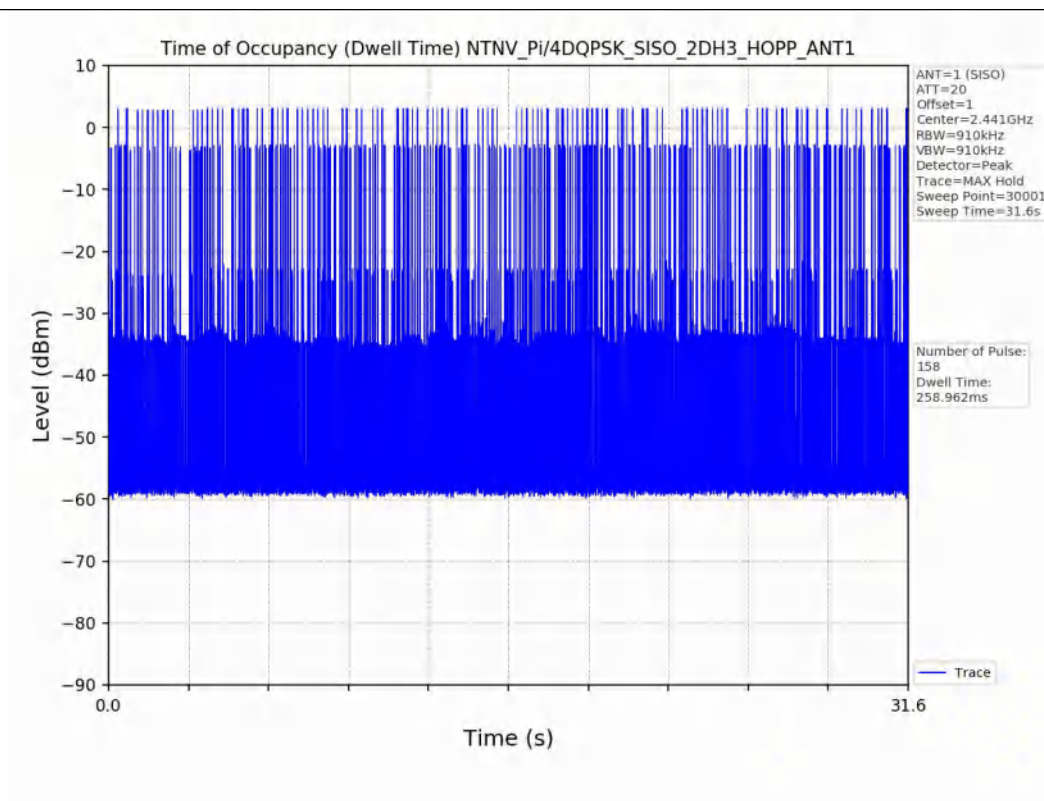


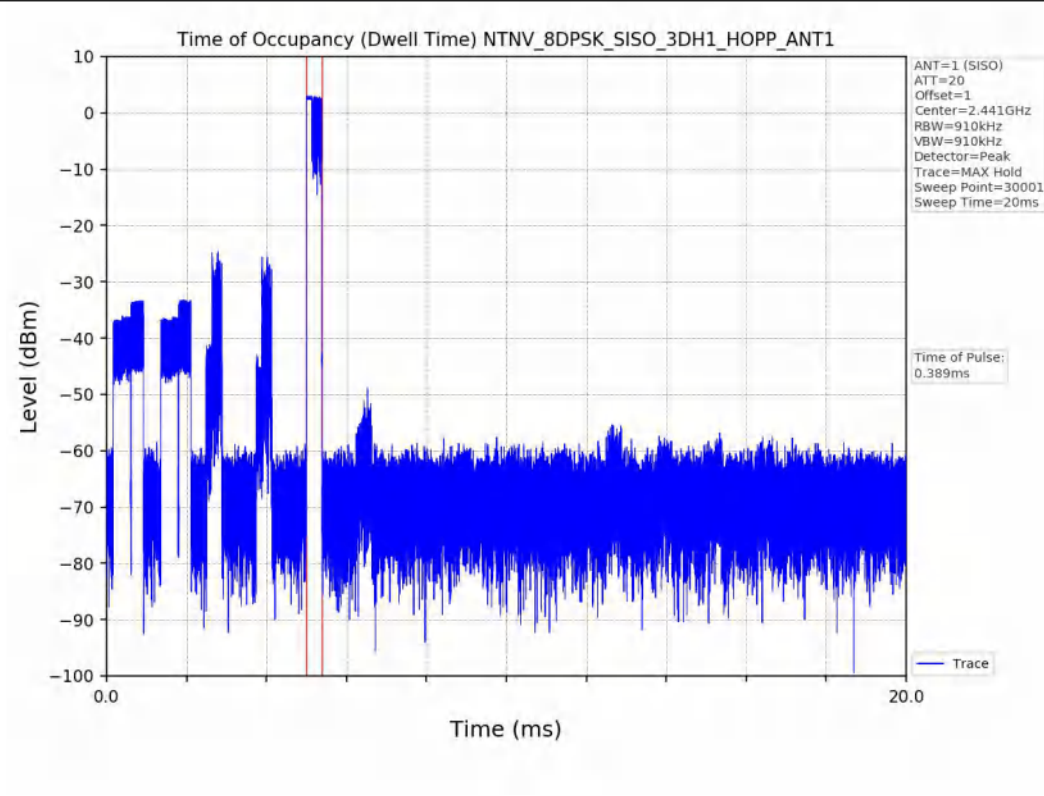
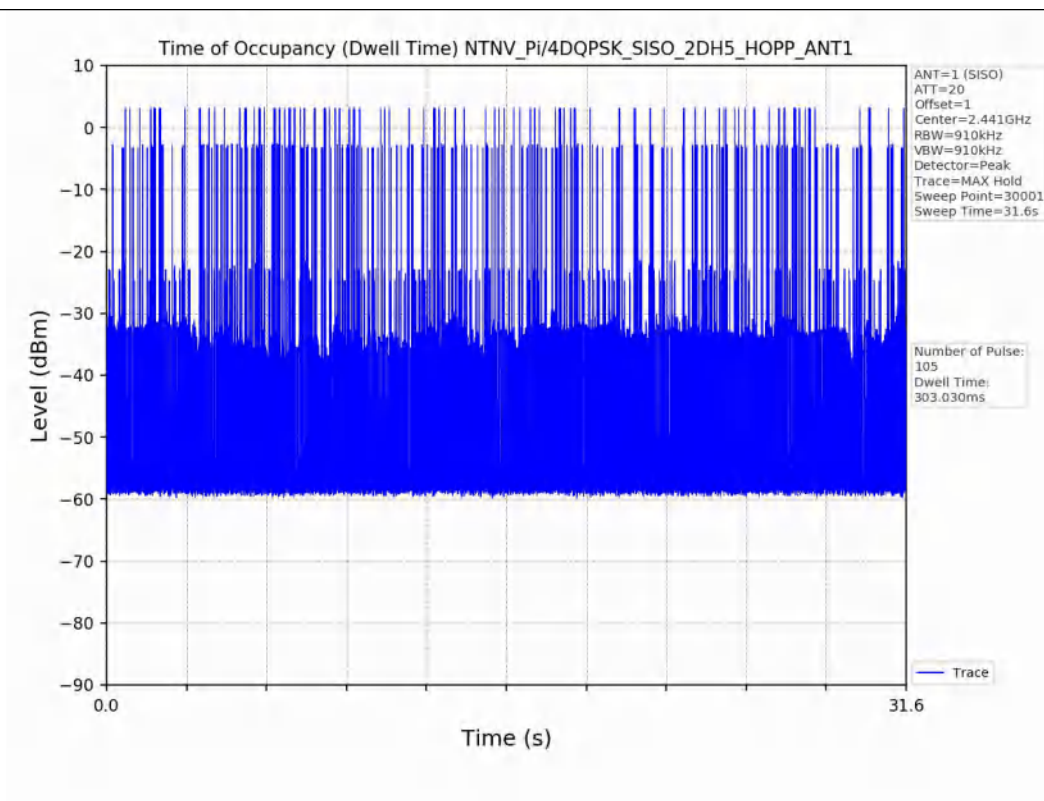


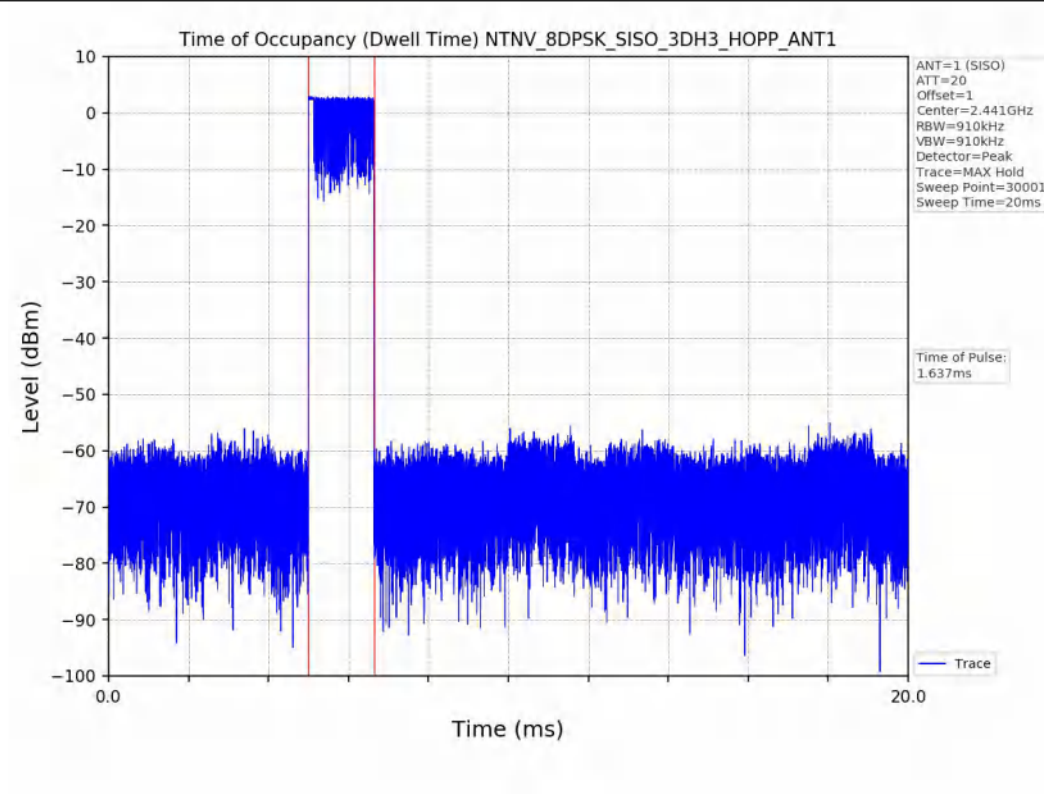
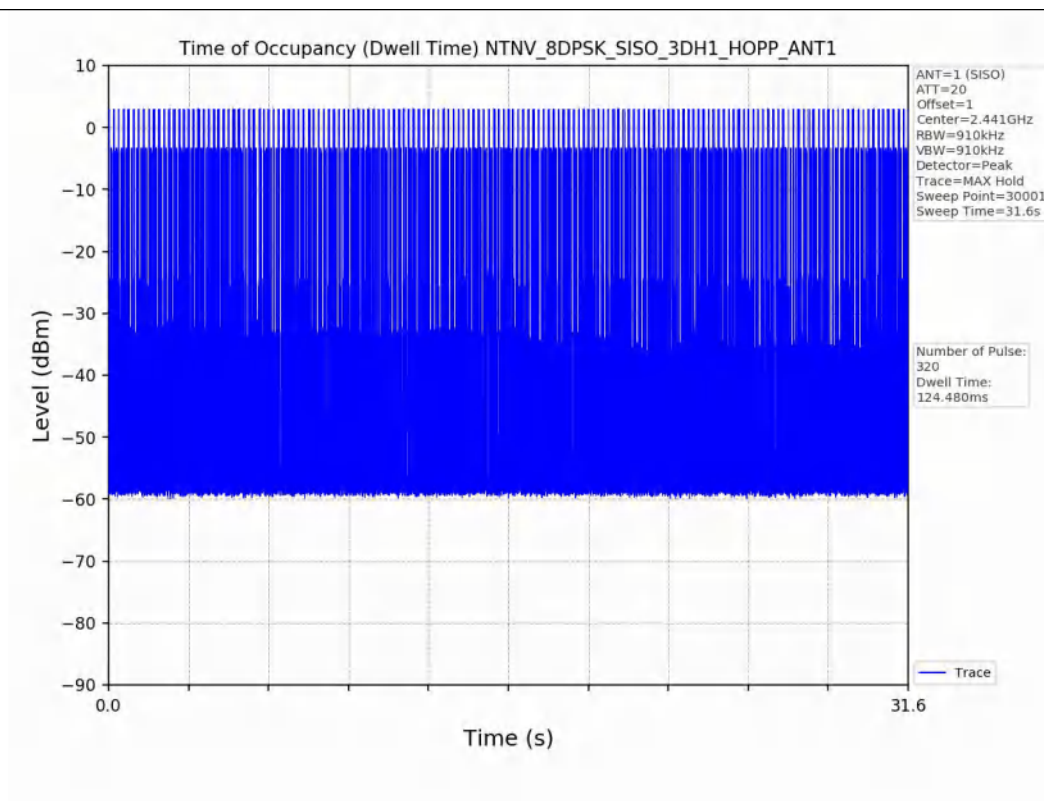


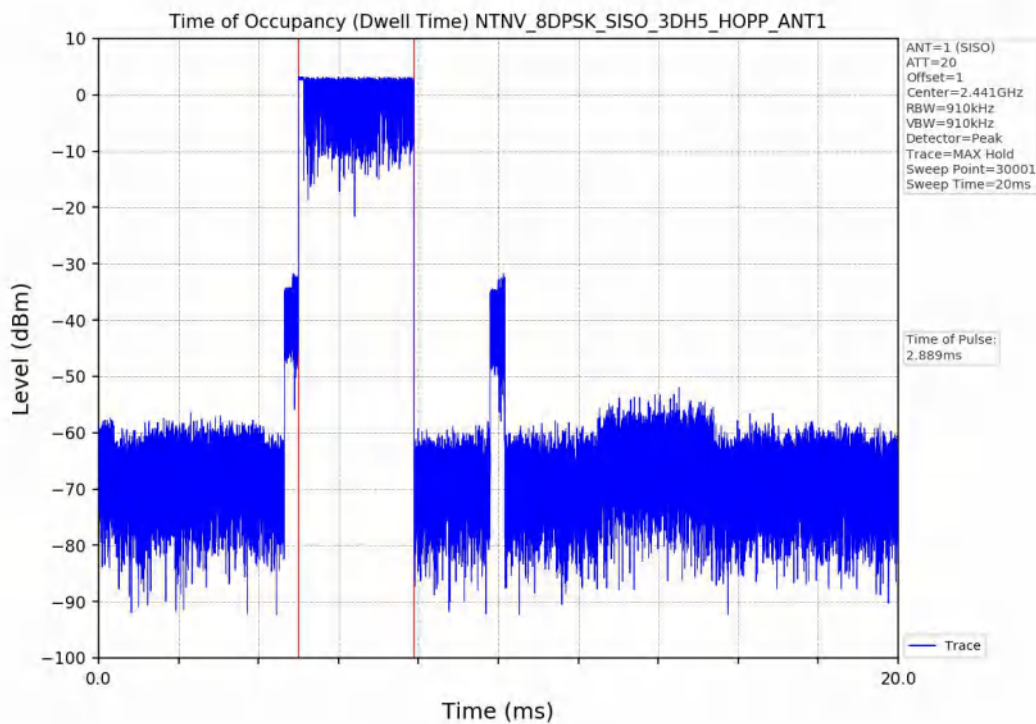
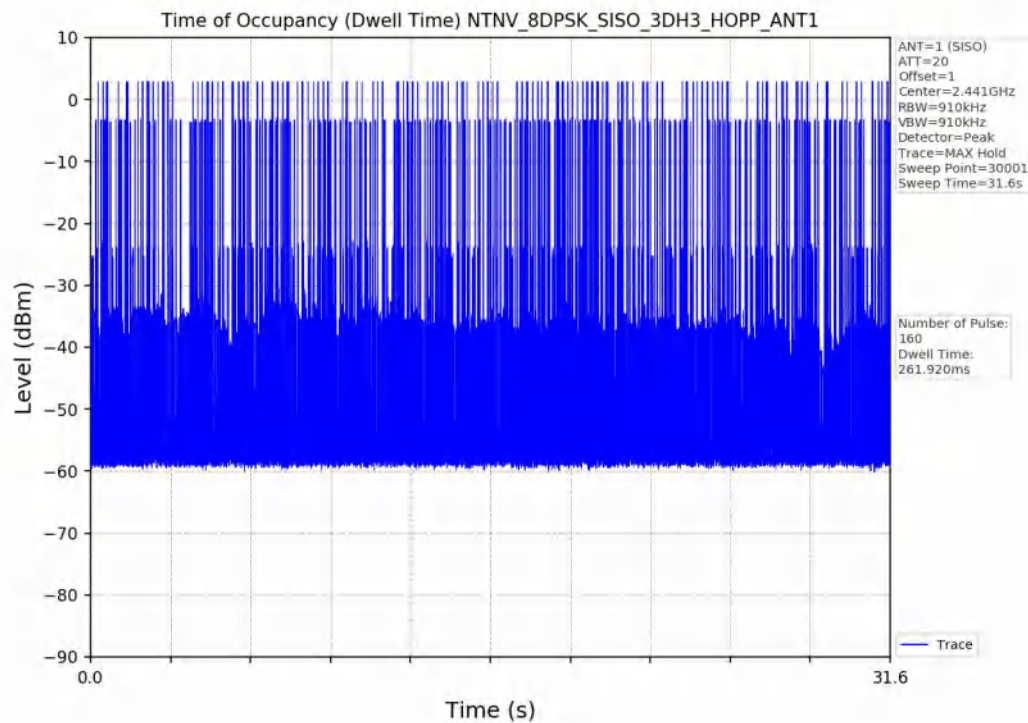


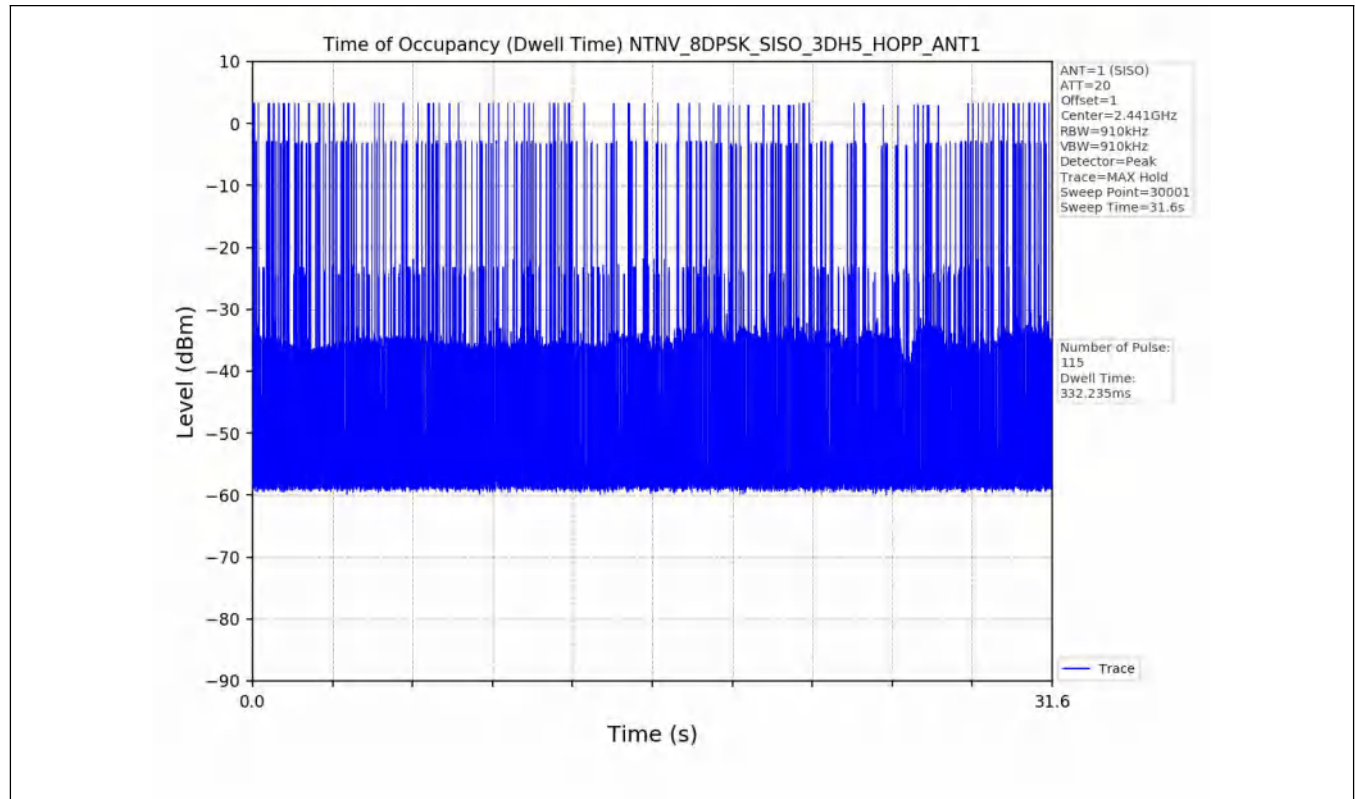












6. Unwanted Emissions in Non-restricted Frequency Bands

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	-15.97	PASS
	2441	SISO	1	Refer to test graph	-15.97	PASS
	2480	SISO	1	Refer to test graph	-15.97	PASS
	Hopping	SISO	1	Refer to test graph	-15.97	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	-17.01	PASS
	2441	SISO	1	Refer to test graph	-17.01	PASS
	2480	SISO	1	Refer to test graph	-17.01	PASS

	Hopping	SISO	1	Refer to test graph	-17.01	PASS
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6.2 Test Graph

