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Appendix for 15.247

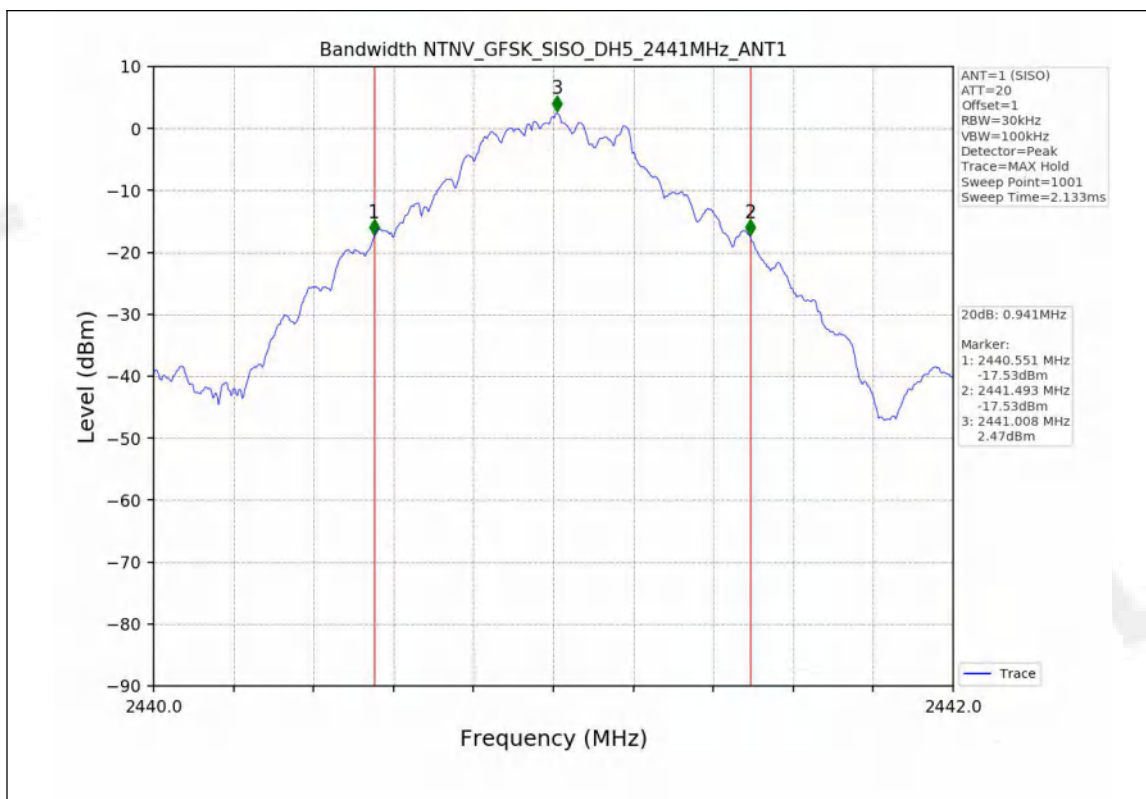
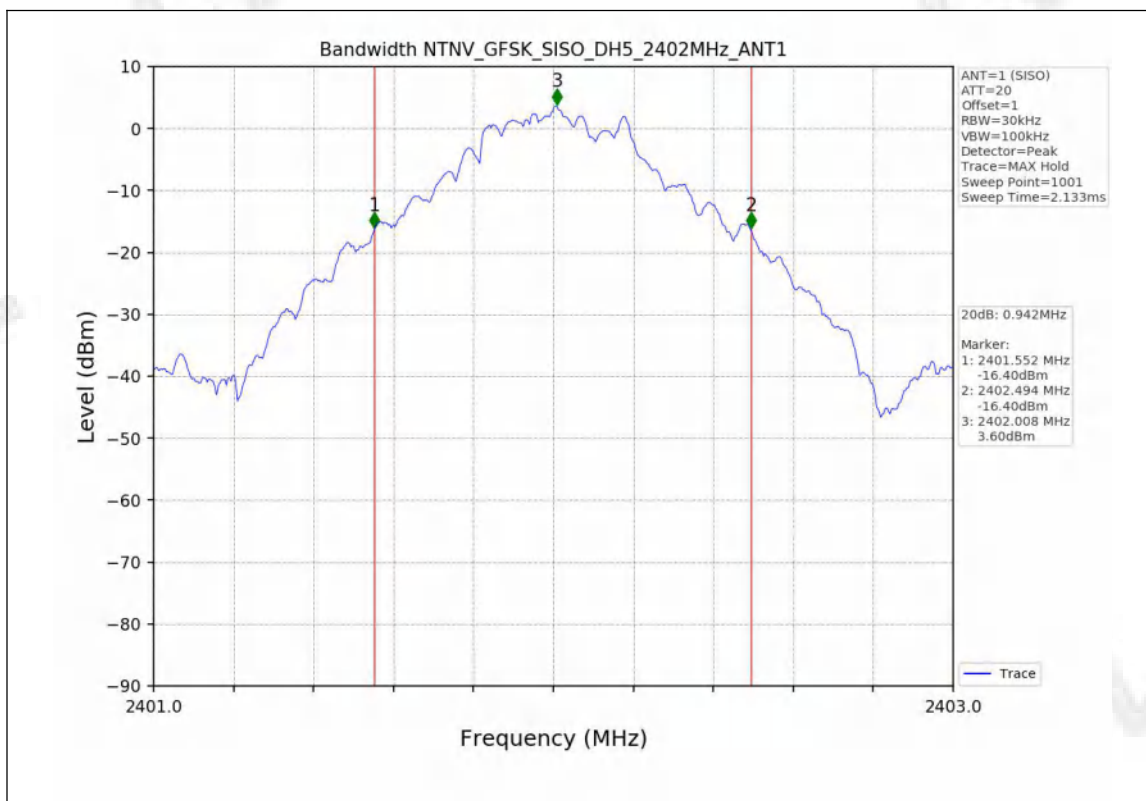
1. Bandwidth

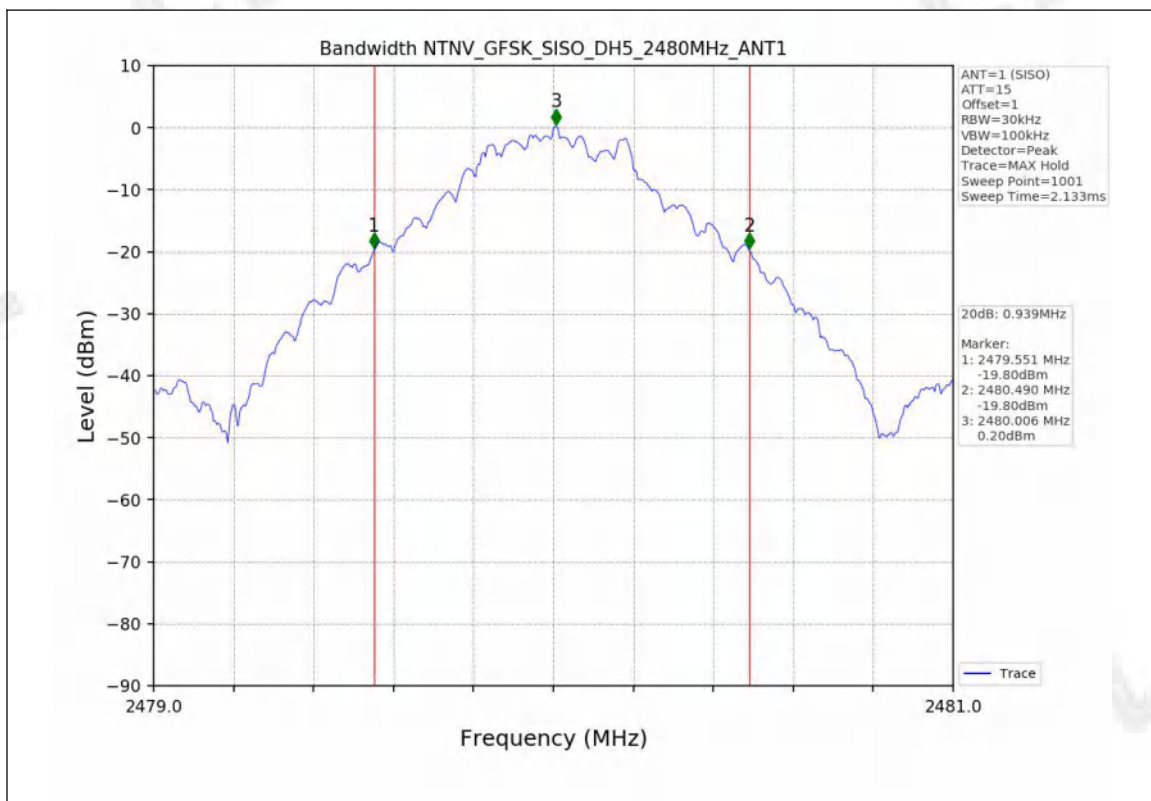
1.1 Test Result

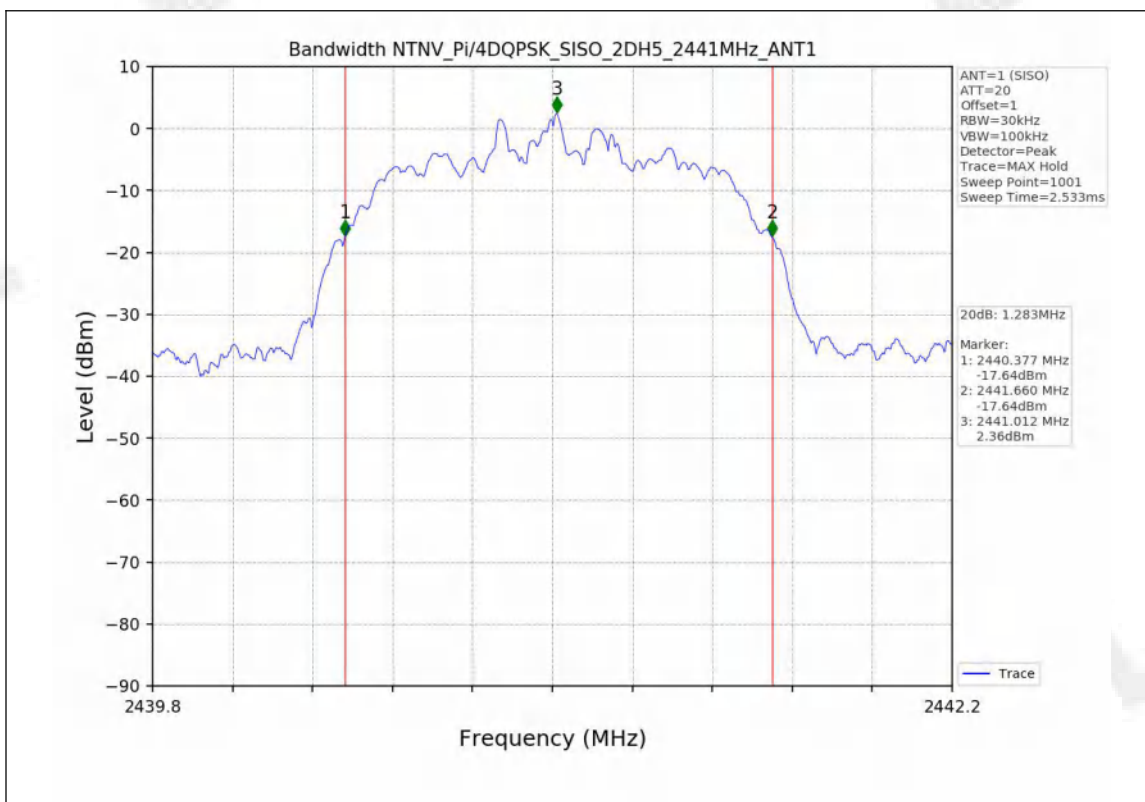
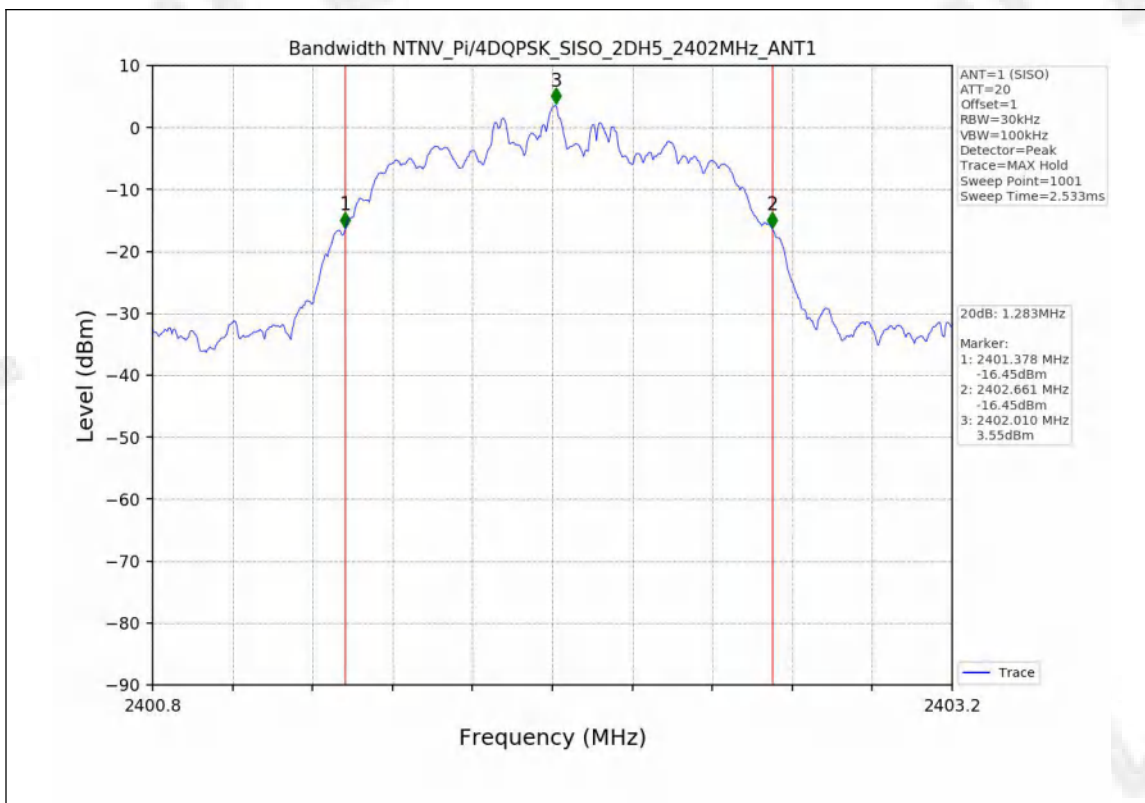
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.942	PASS
	2441	SISO	1	0.941	PASS
	2480	SISO	1	0.939	PASS
Pi/4DQPSK	2402	SISO	1	1.283	PASS
	2441	SISO	1	1.283	PASS
	2480	SISO	1	1.281	PASS
8DPSK	2402	SISO	1	1.141	PASS
	2441	SISO	1	1.141	PASS
	2480	SISO	1	1.143	PASS

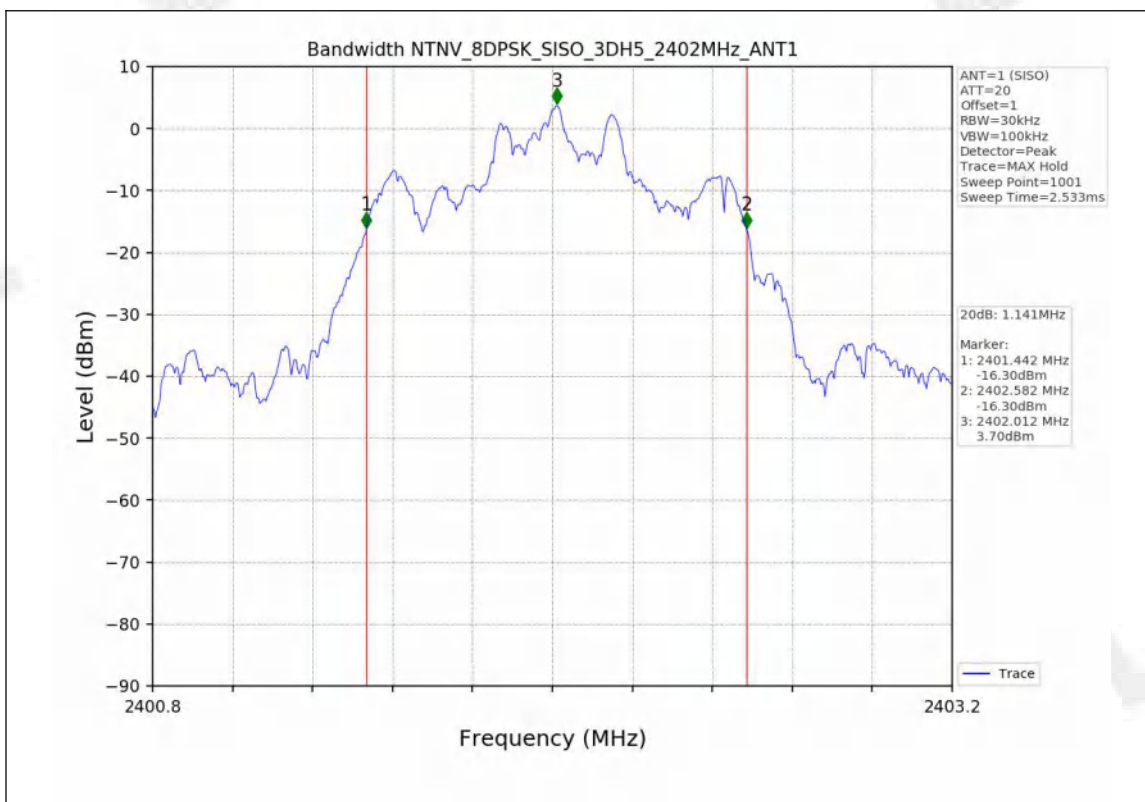
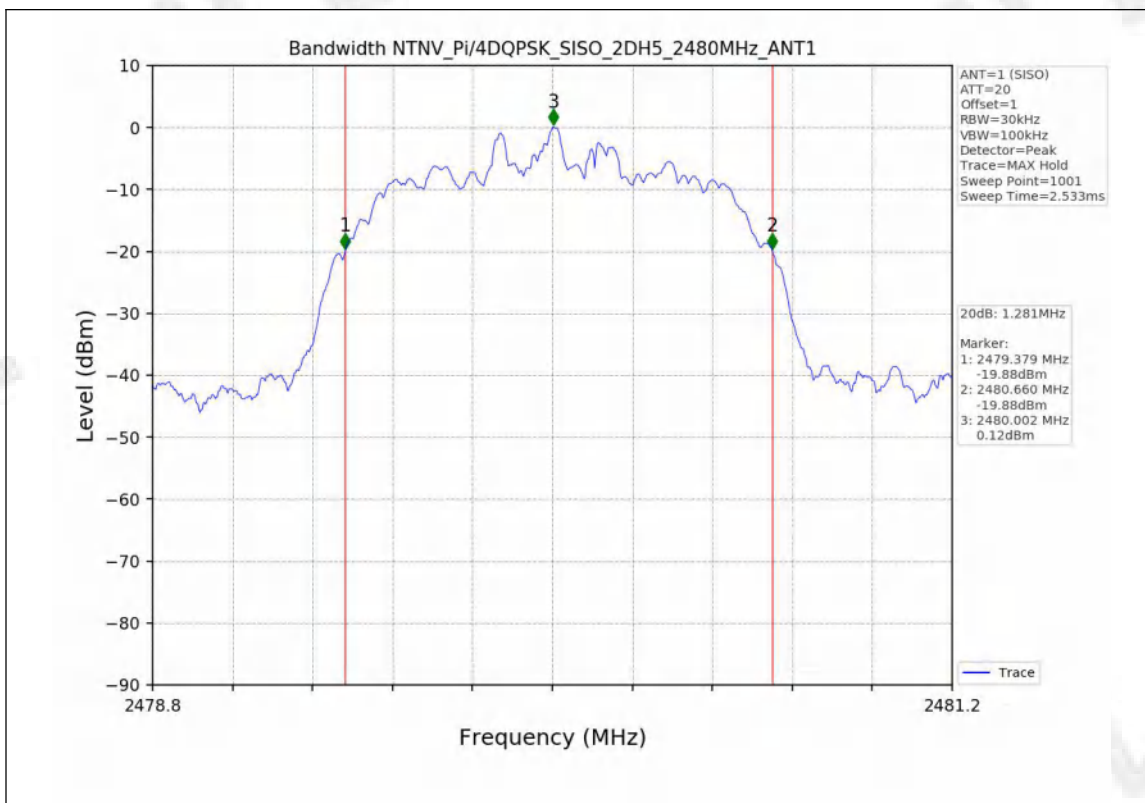
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.839	Only for Report Use
	2441	SISO	1	0.837	Only for Report Use
	2480	SISO	1	0.841	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.182	Only for Report Use
	2441	SISO	1	1.177	Only for Report Use
	2480	SISO	1	1.171	Only for Report Use
8DPSK	2402	SISO	1	1.082	Only for Report Use
	2441	SISO	1	1.083	Only for Report Use
	2480	SISO	1	1.079	Only for Report Use

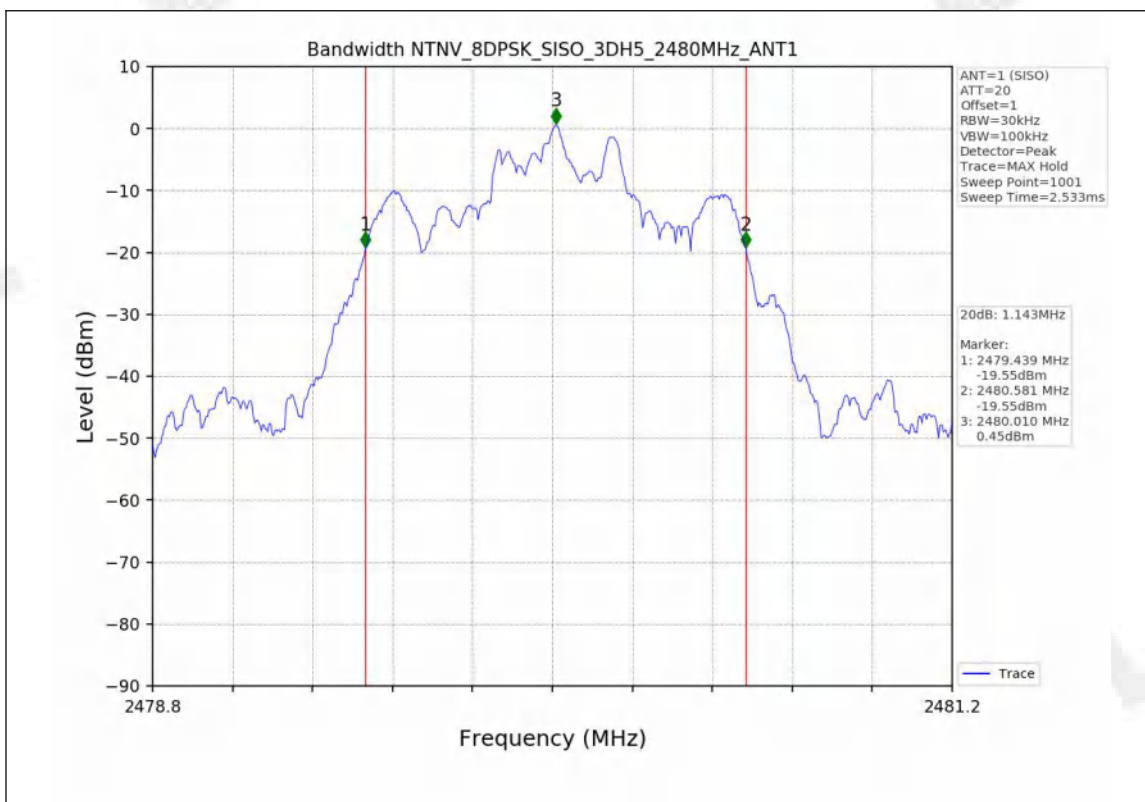
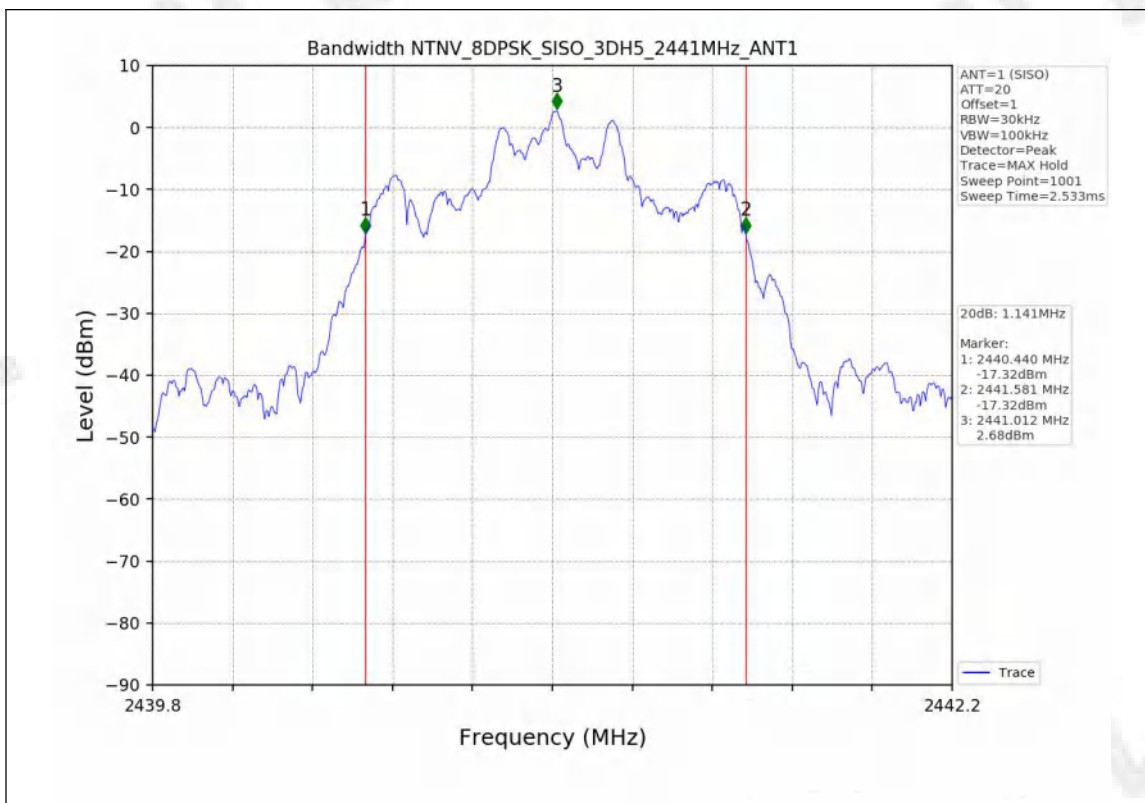
1.2 Test Graph - 20dB Bandwidth



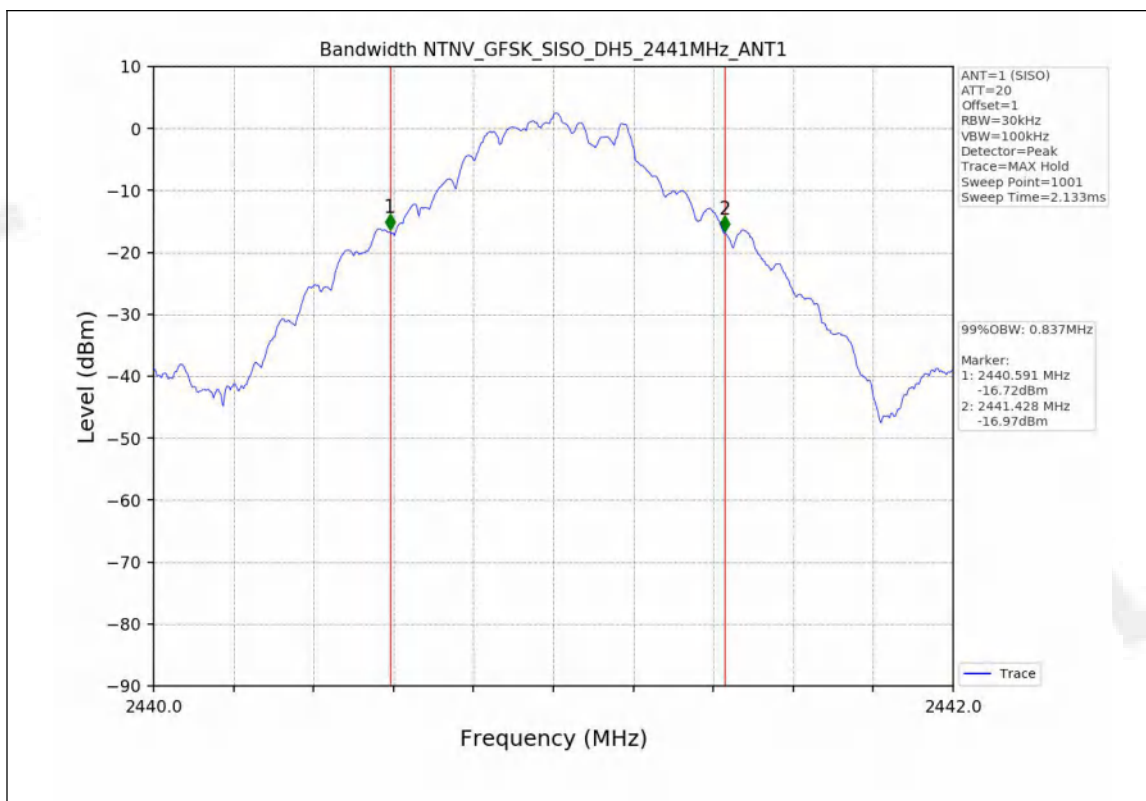
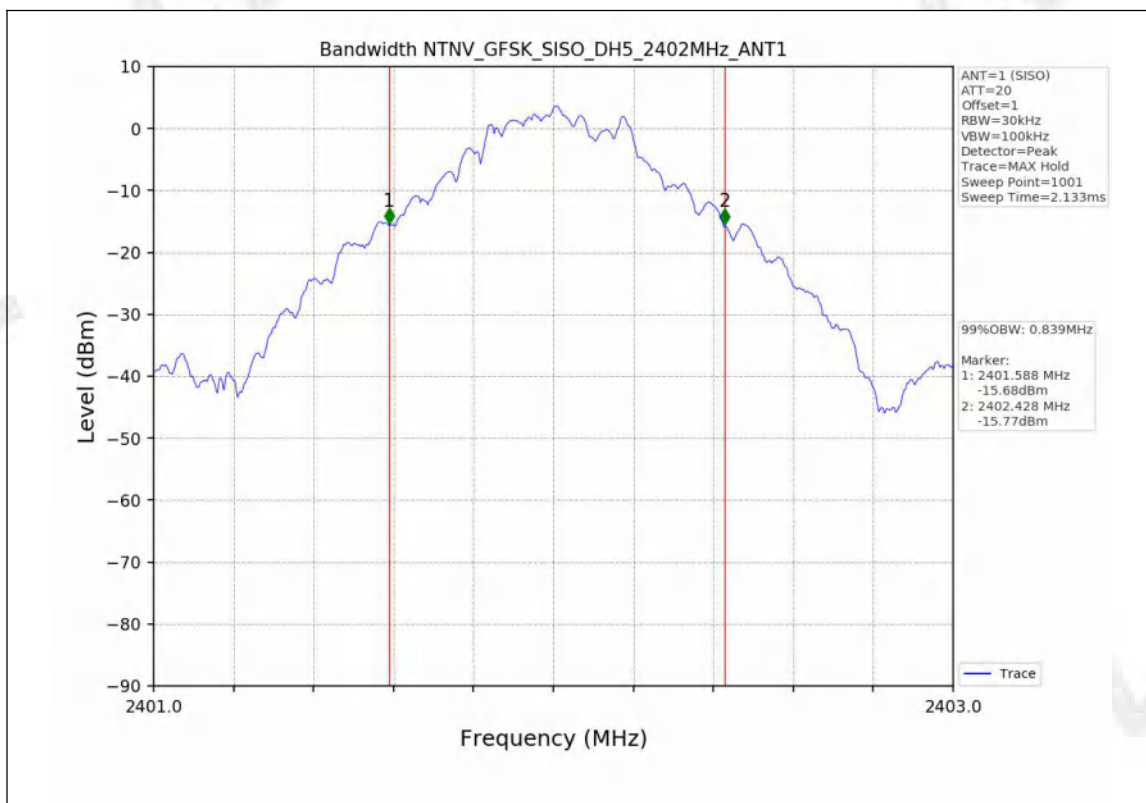


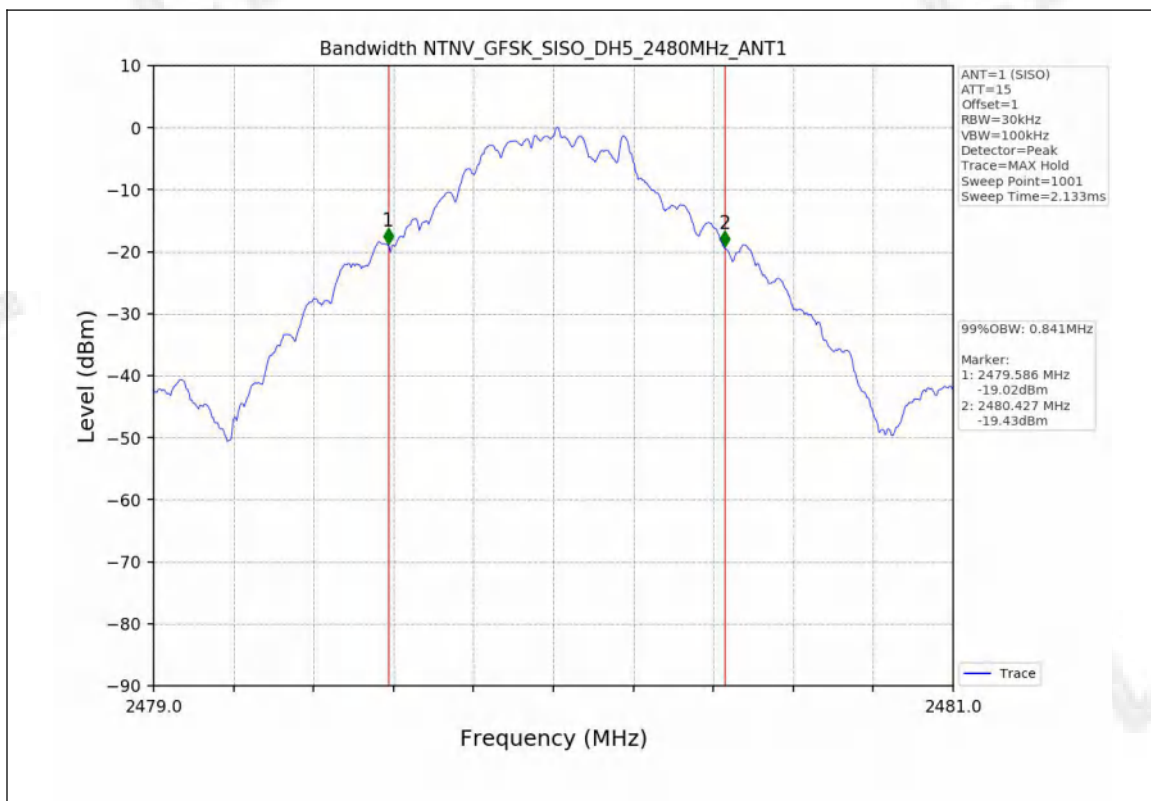


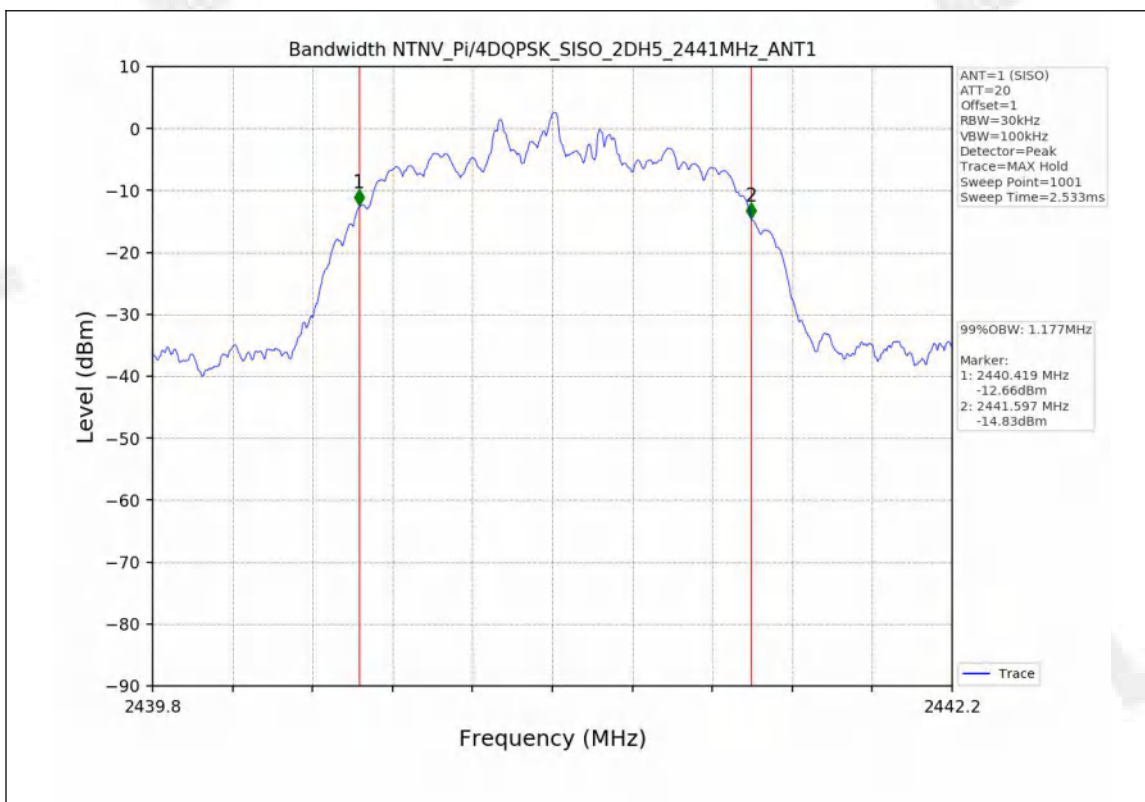
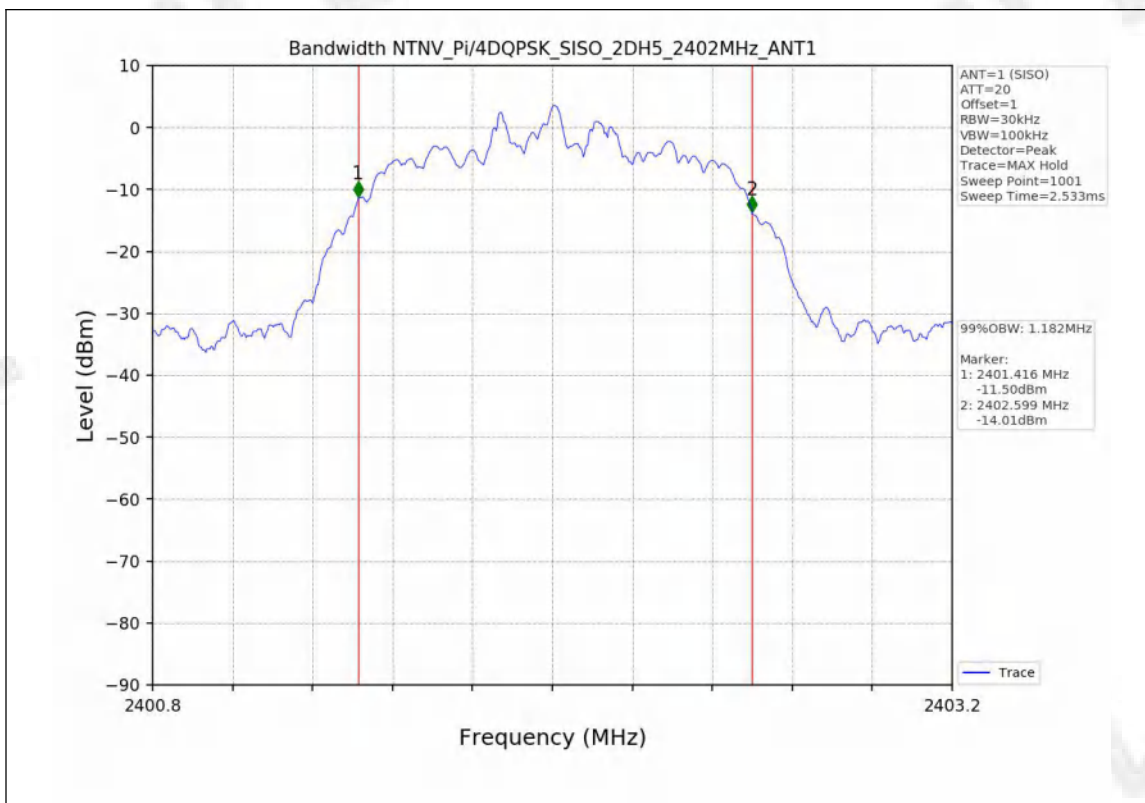


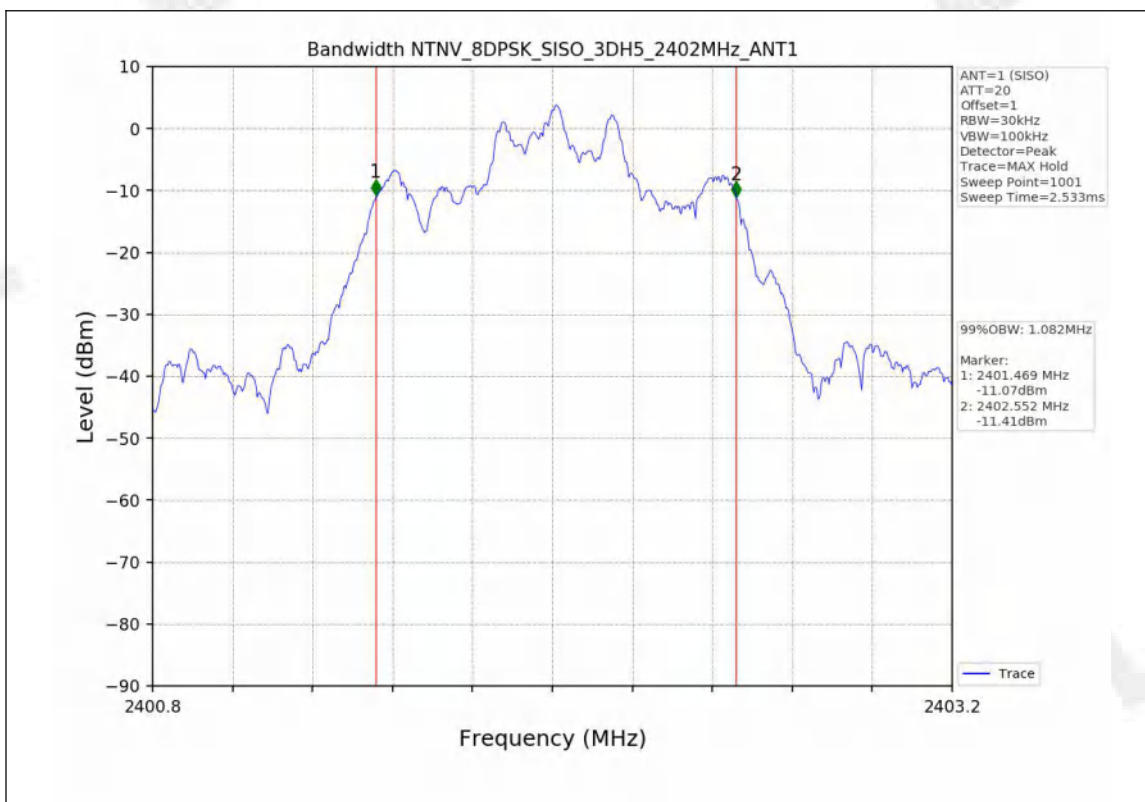
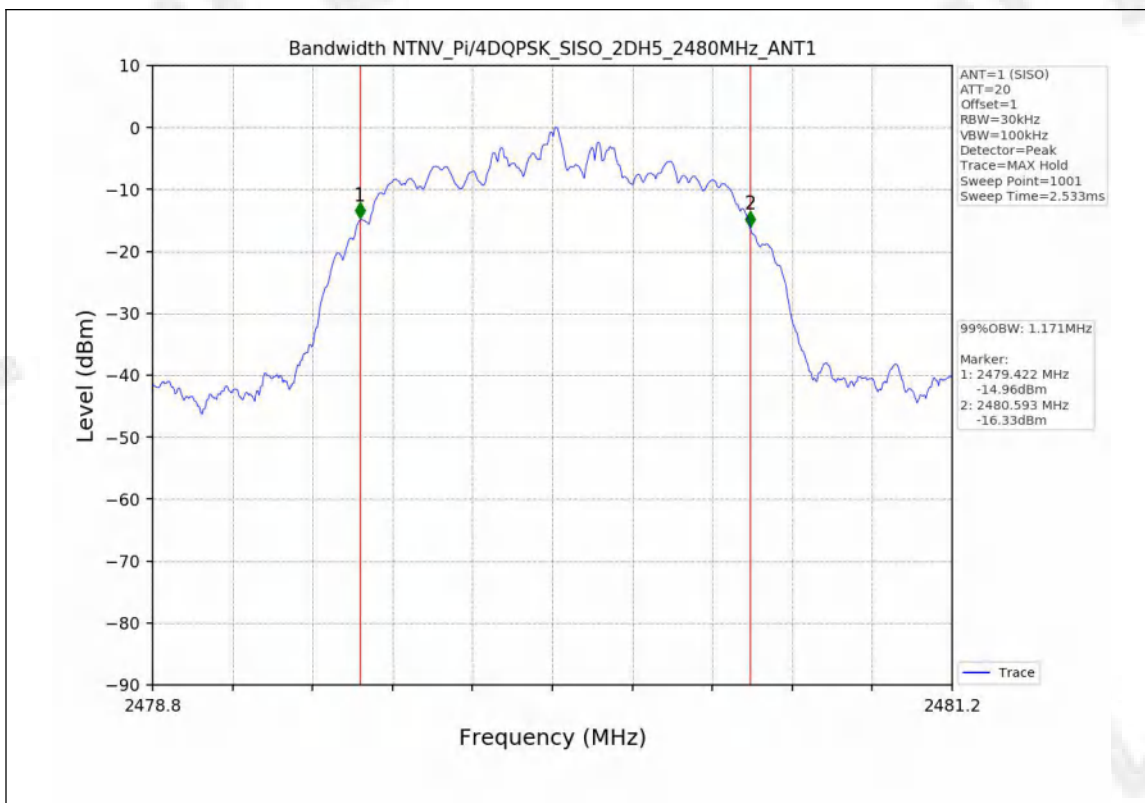


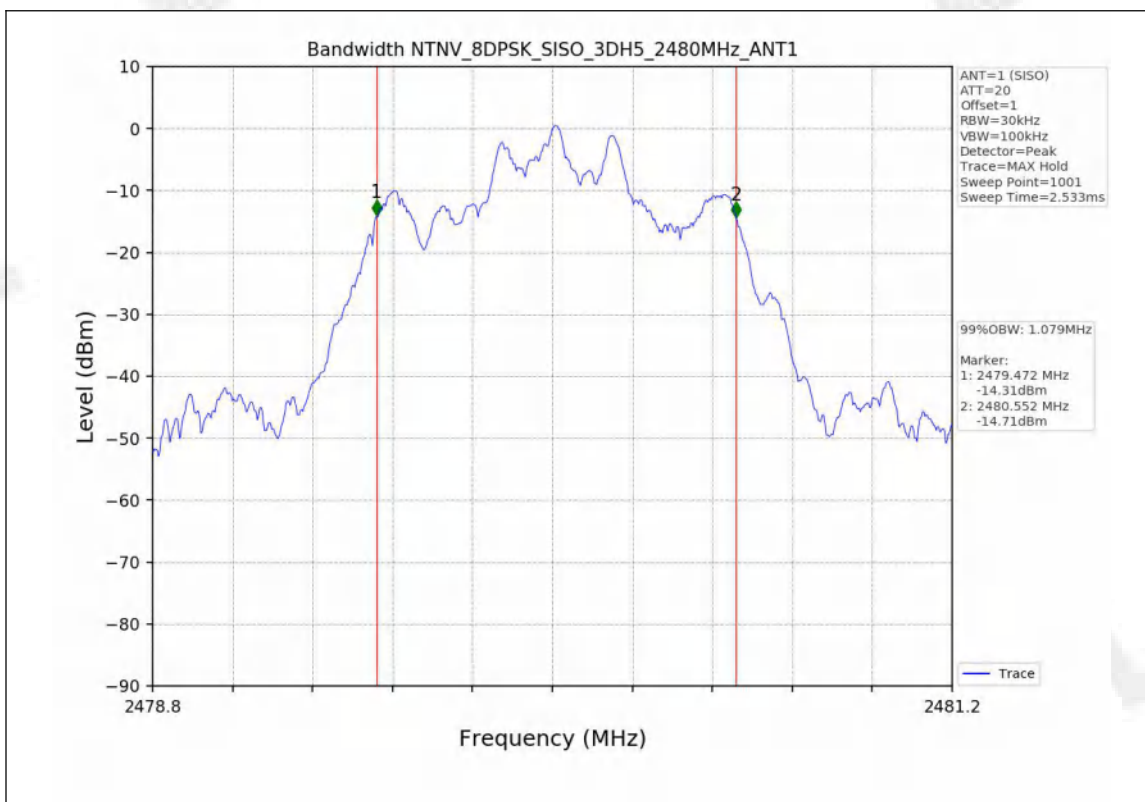
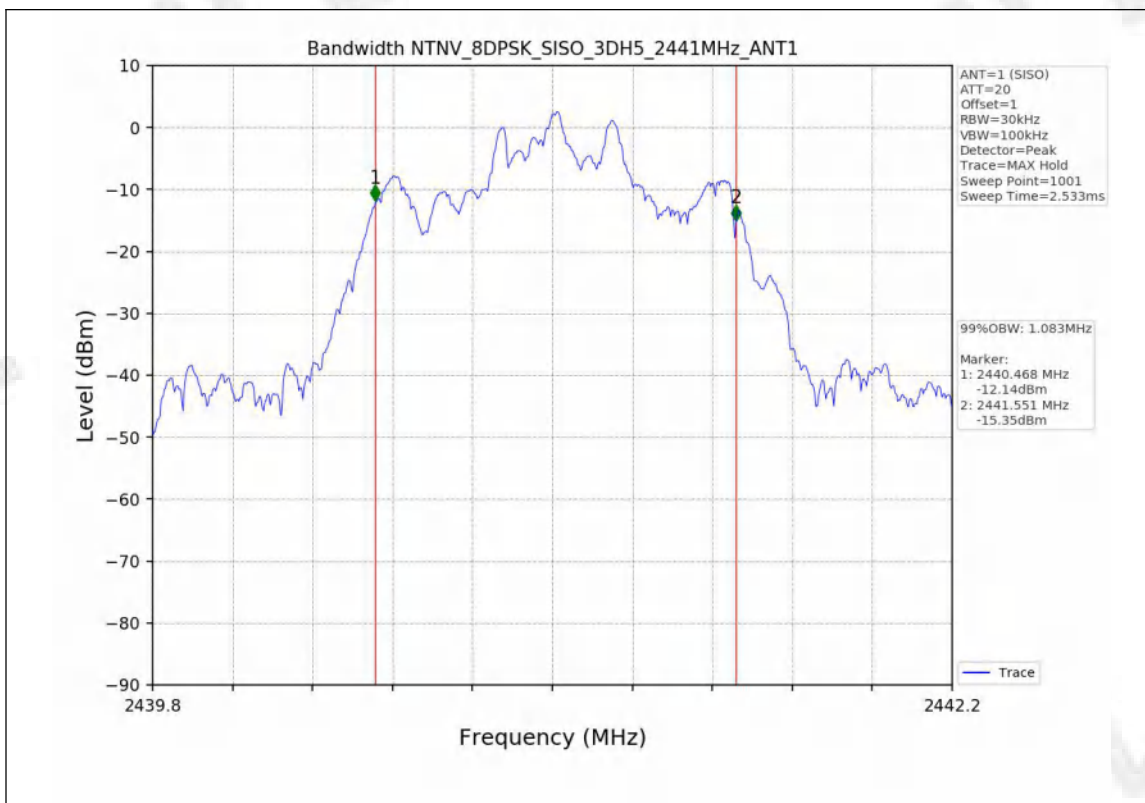
1.3 Test Graph - 99% Occupied Bandwidth









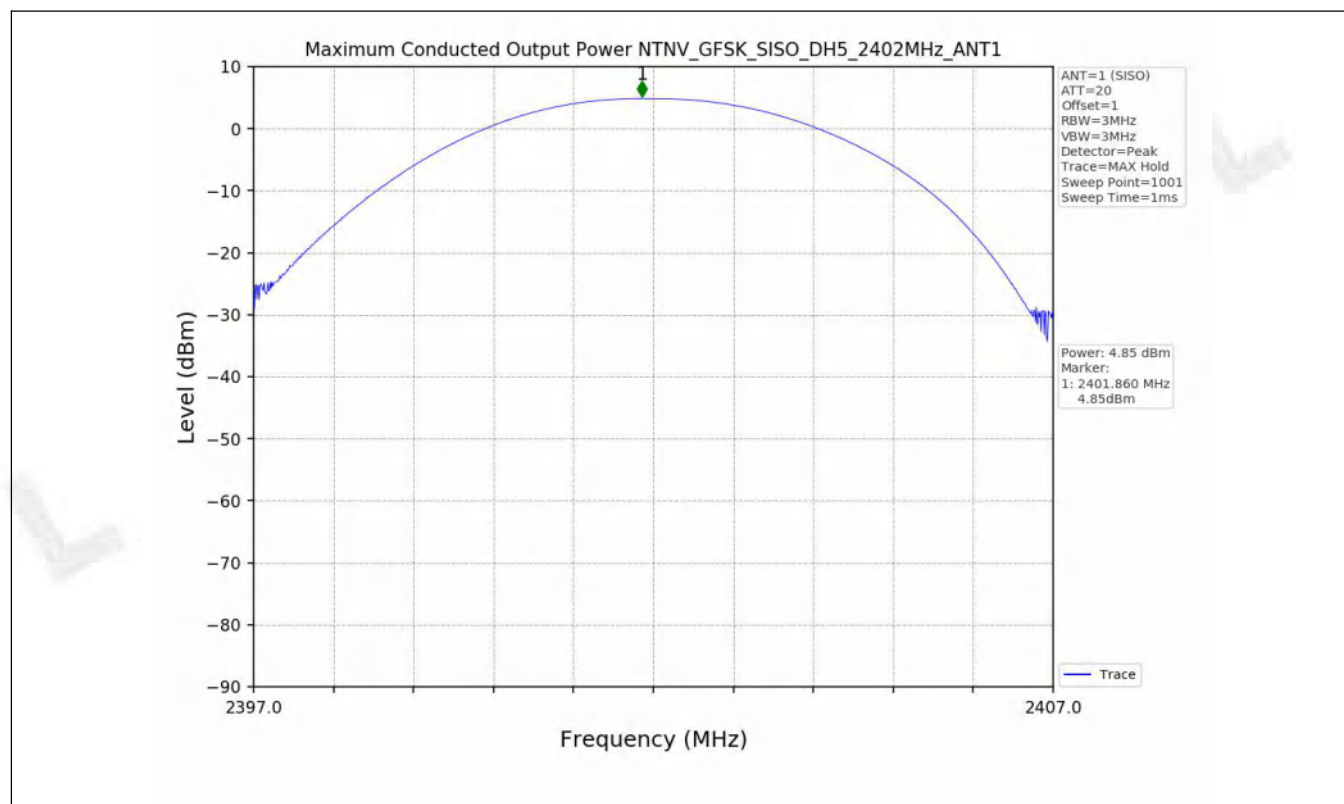


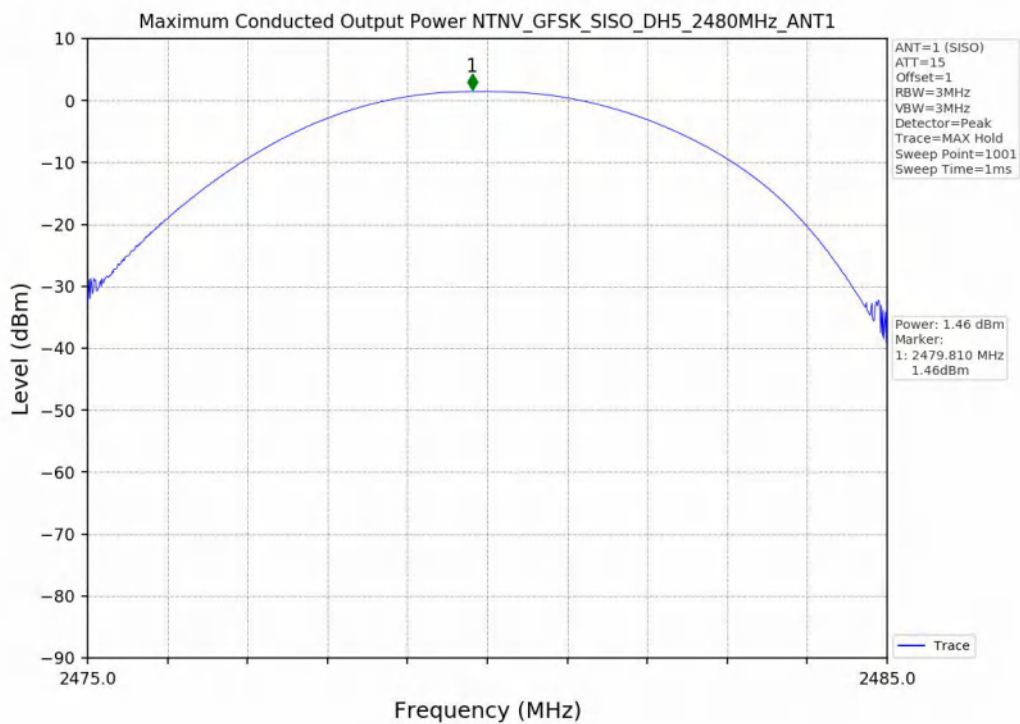
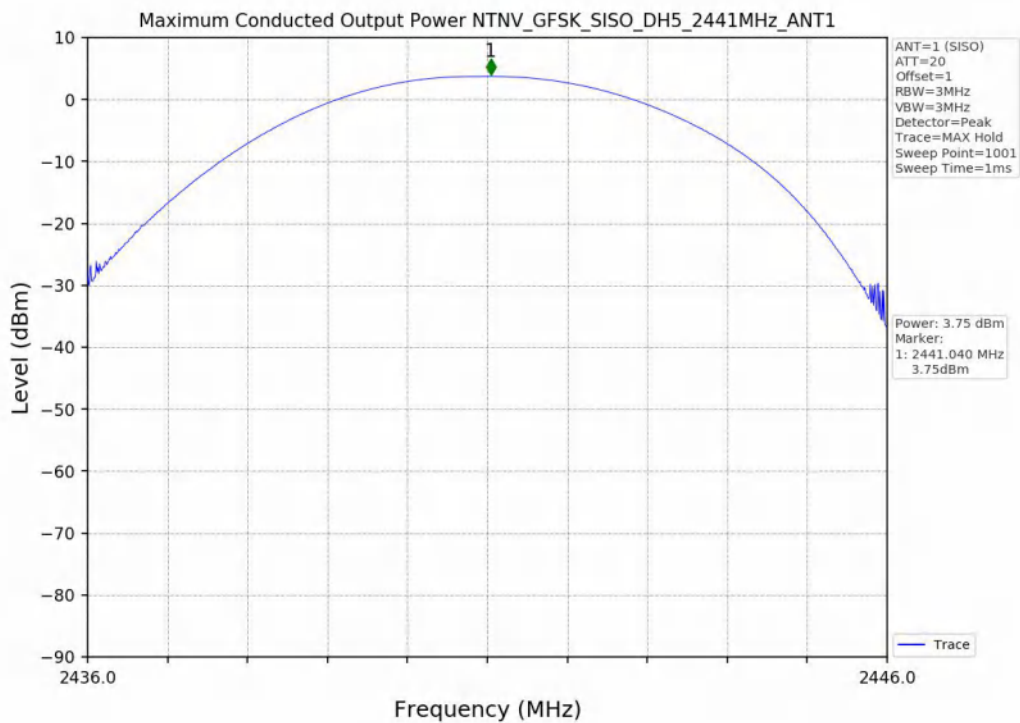
2. Maximum Conducted Output Power

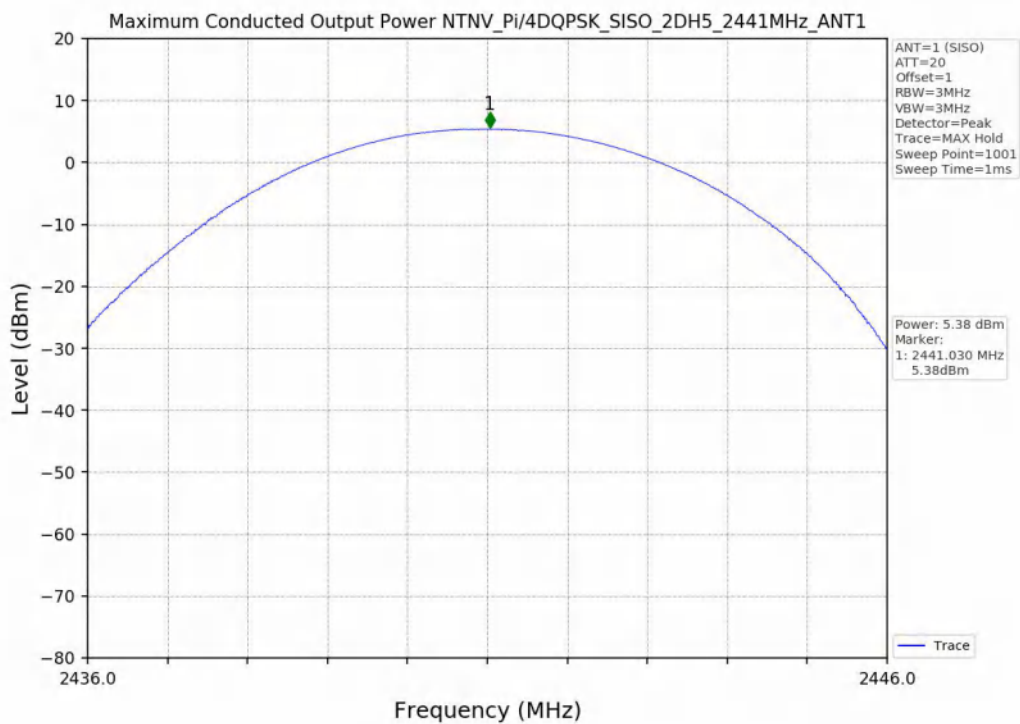
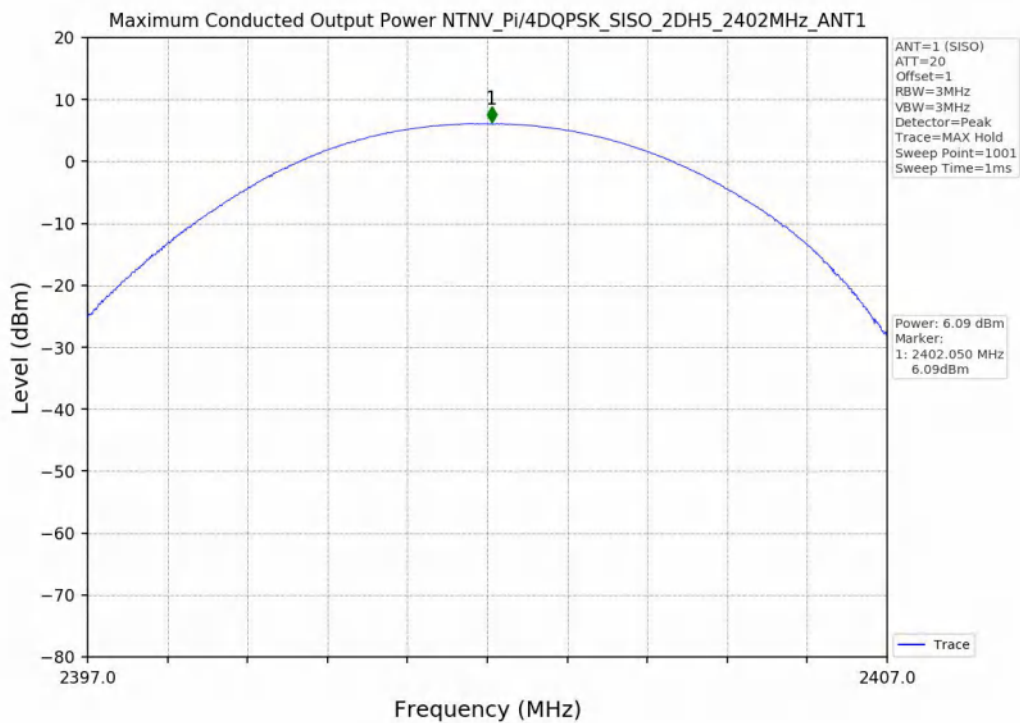
2.1 Test Result

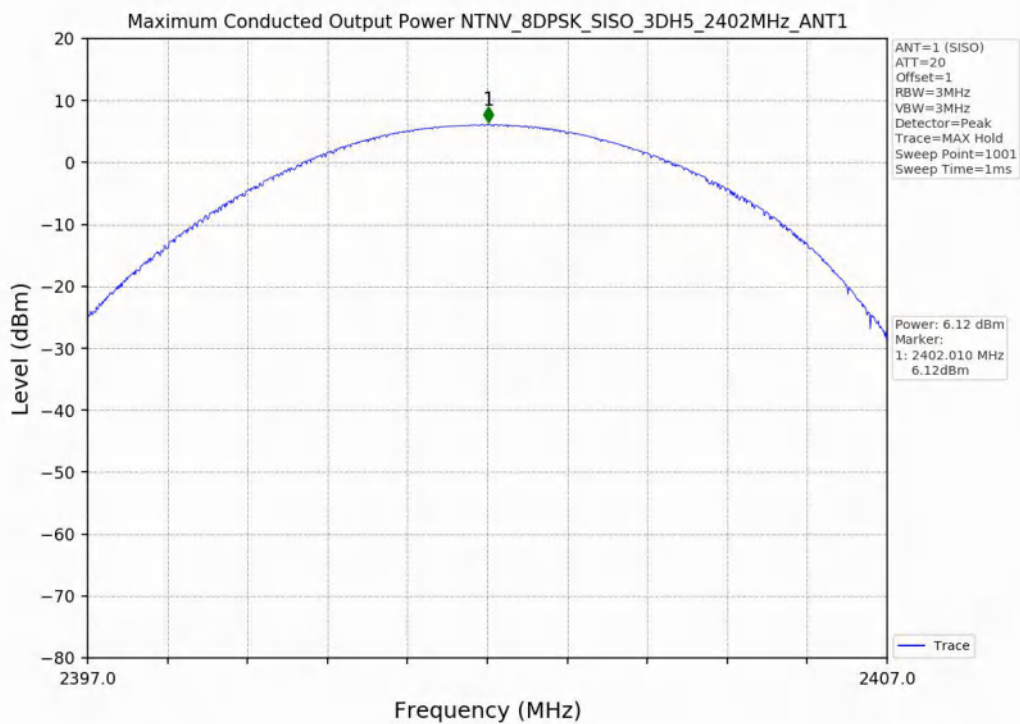
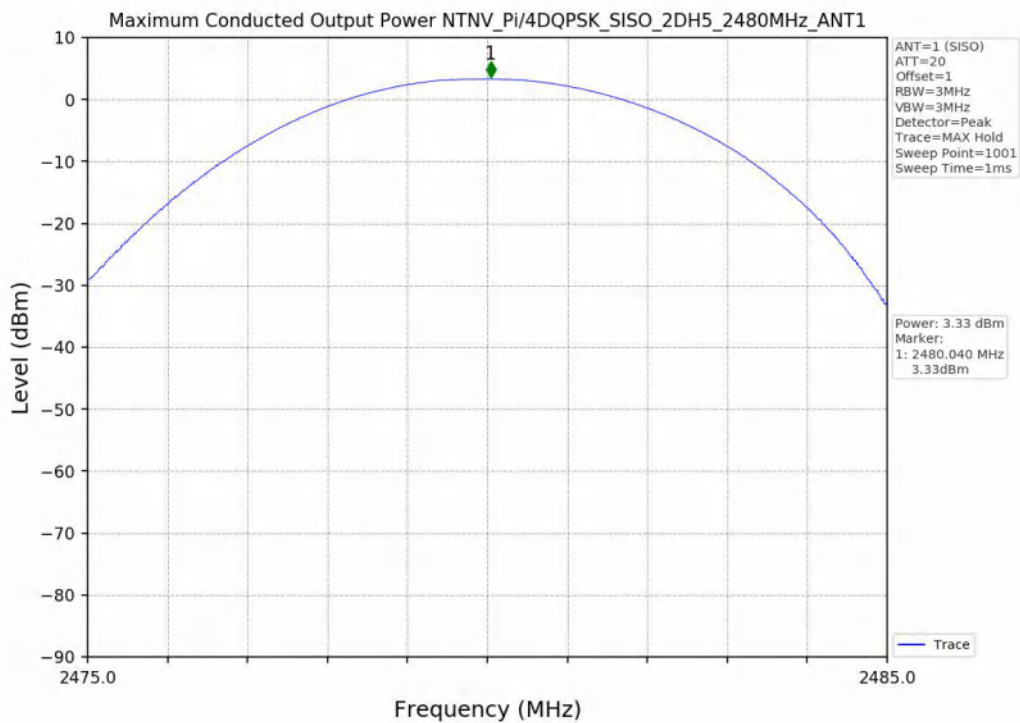
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	4.85	30	PASS
	2441	SISO	3.75	30	PASS
	2480	SISO	1.46	30	PASS
Pi/4DQPSK	2402	SISO	6.09	20.97	PASS
	2441	SISO	5.38	20.97	PASS
	2480	SISO	3.33	20.97	PASS
8DPSK	2402	SISO	6.12	20.97	PASS
	2441	SISO	5.37	20.97	PASS
	2480	SISO	3.32	20.97	PASS

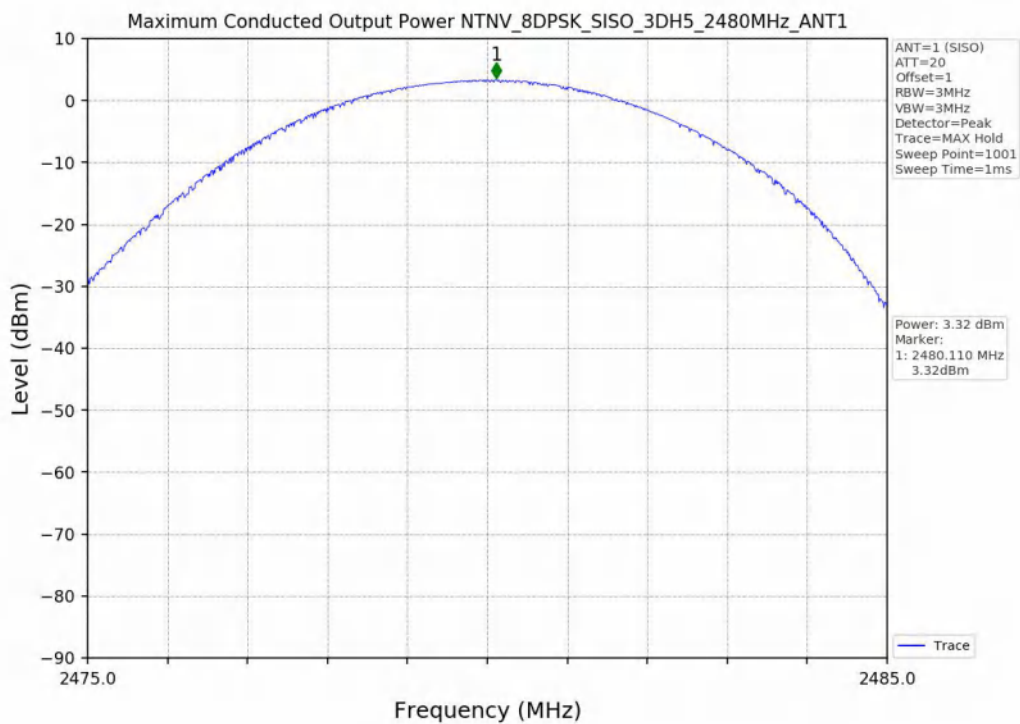
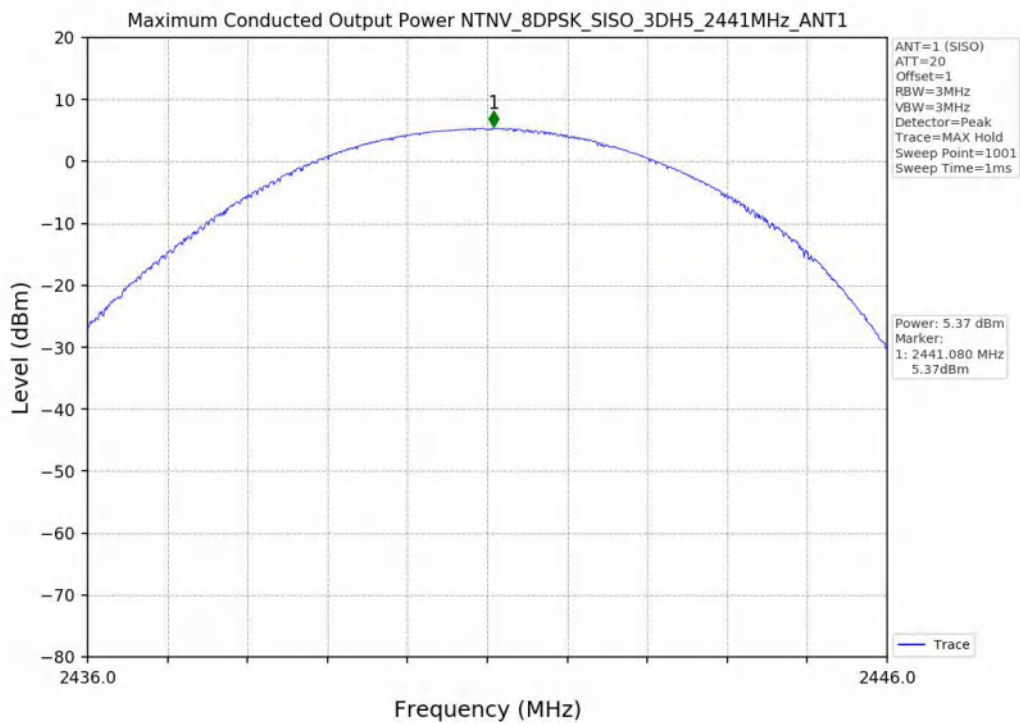
2.2 Test Graph









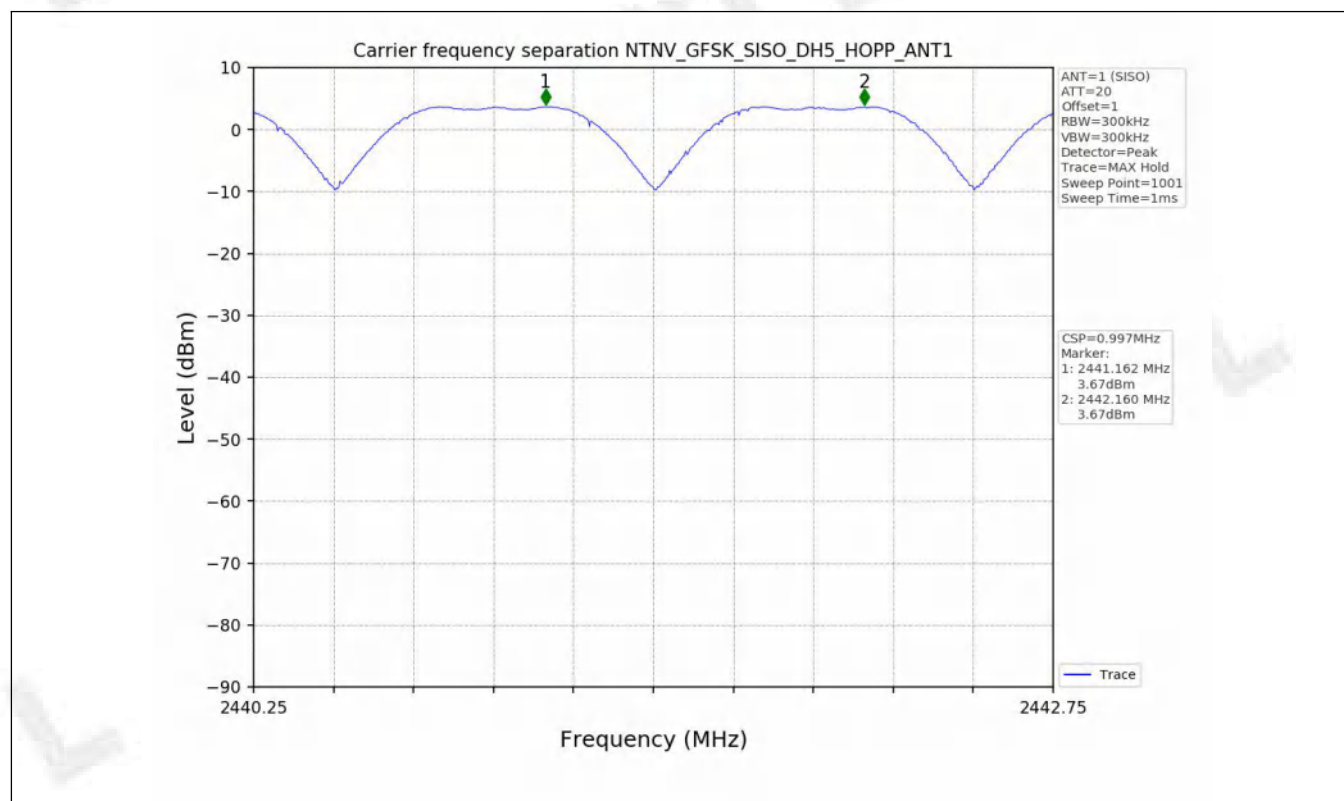


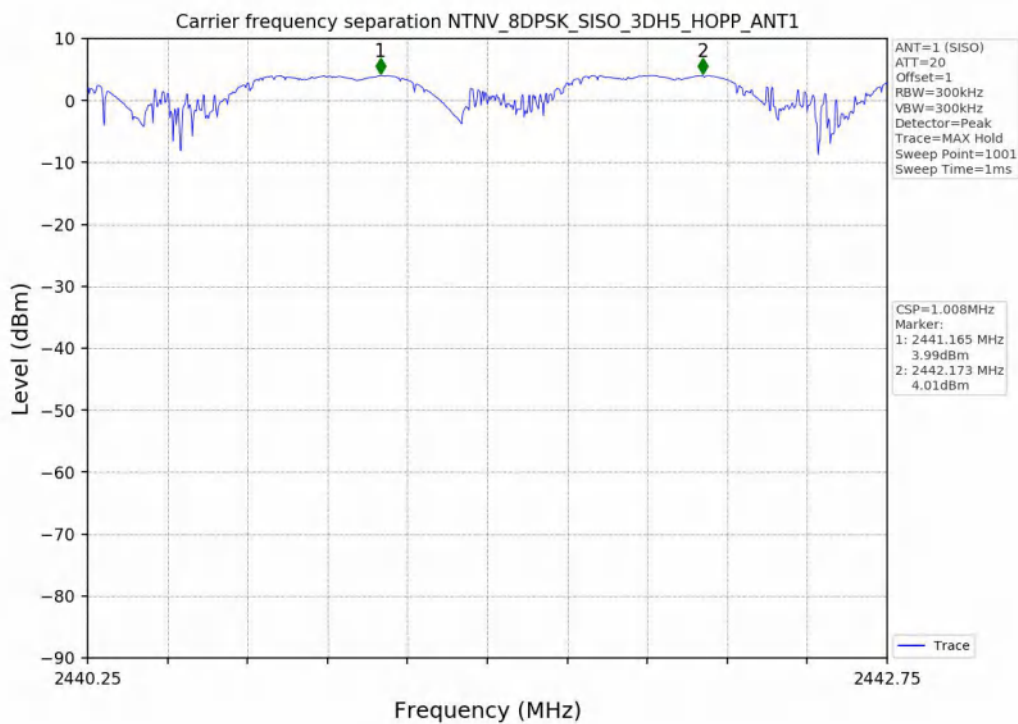
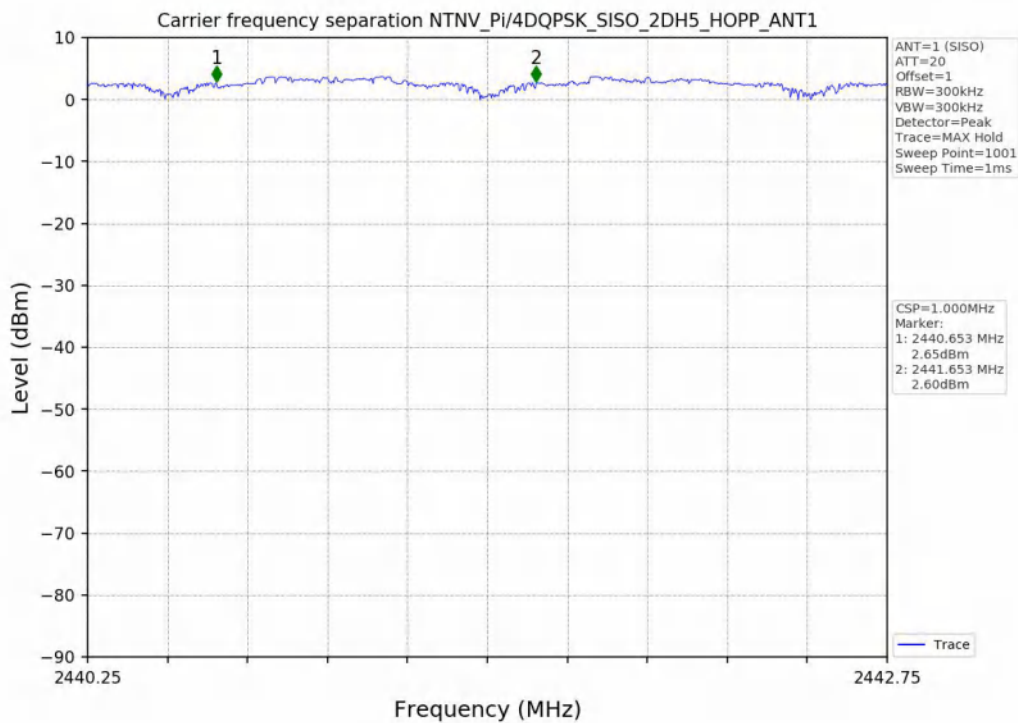
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.997	0.942	≥ 0.942	PASS
PI/4DQPSK	SISO	1	1.000	1.283	≥ 0.855	PASS
8DPSK	SISO	1	1.008	1.143	≥ 0.762	PASS

3.2 Test Graph



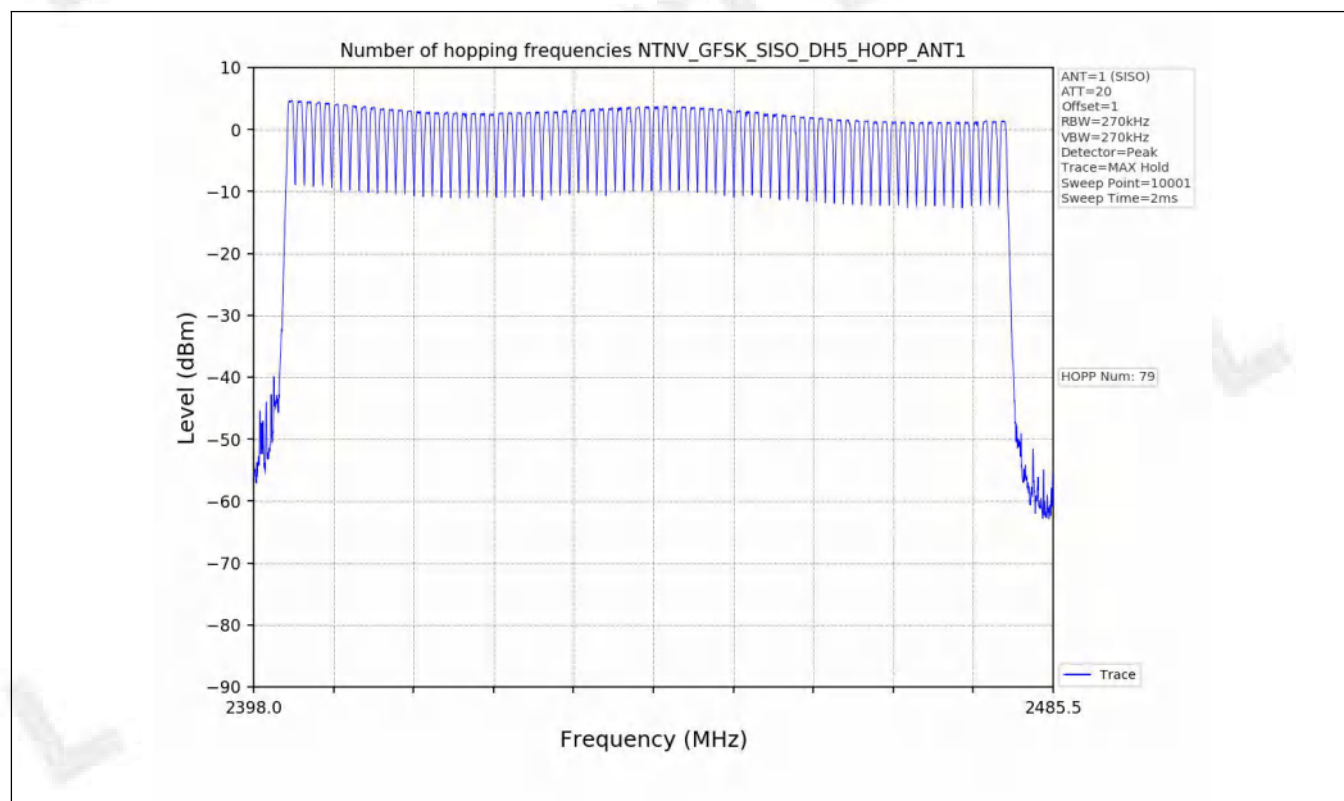


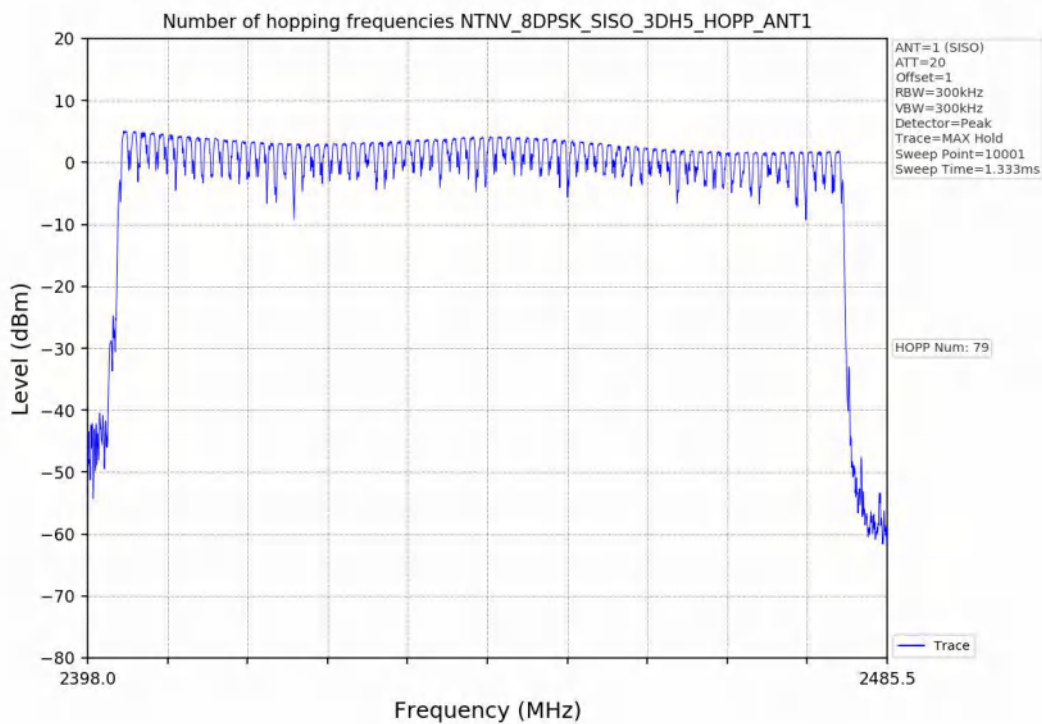
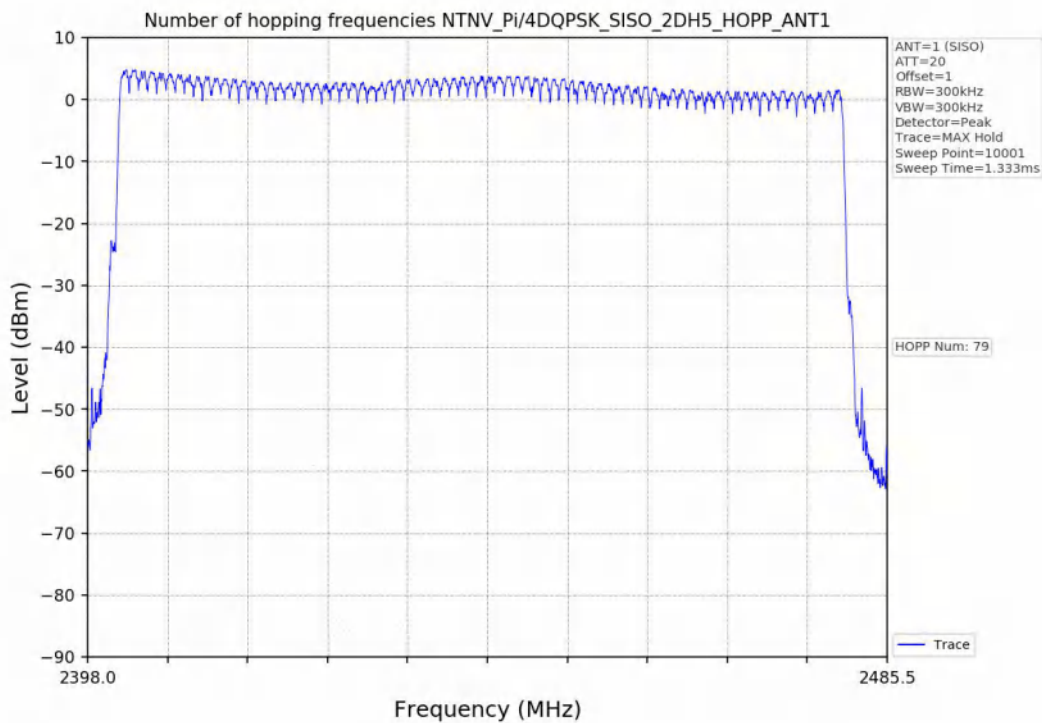
4. Number of hopping frequencies

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



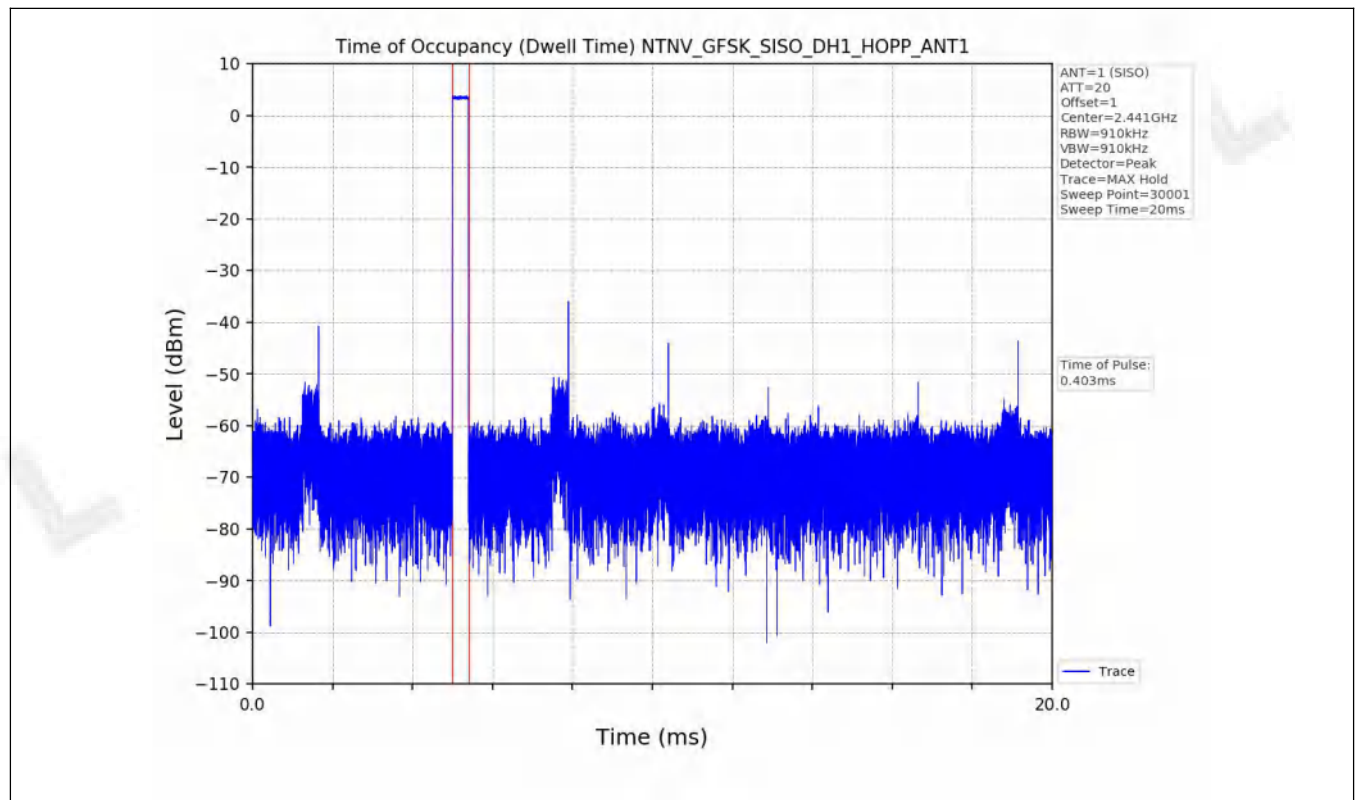


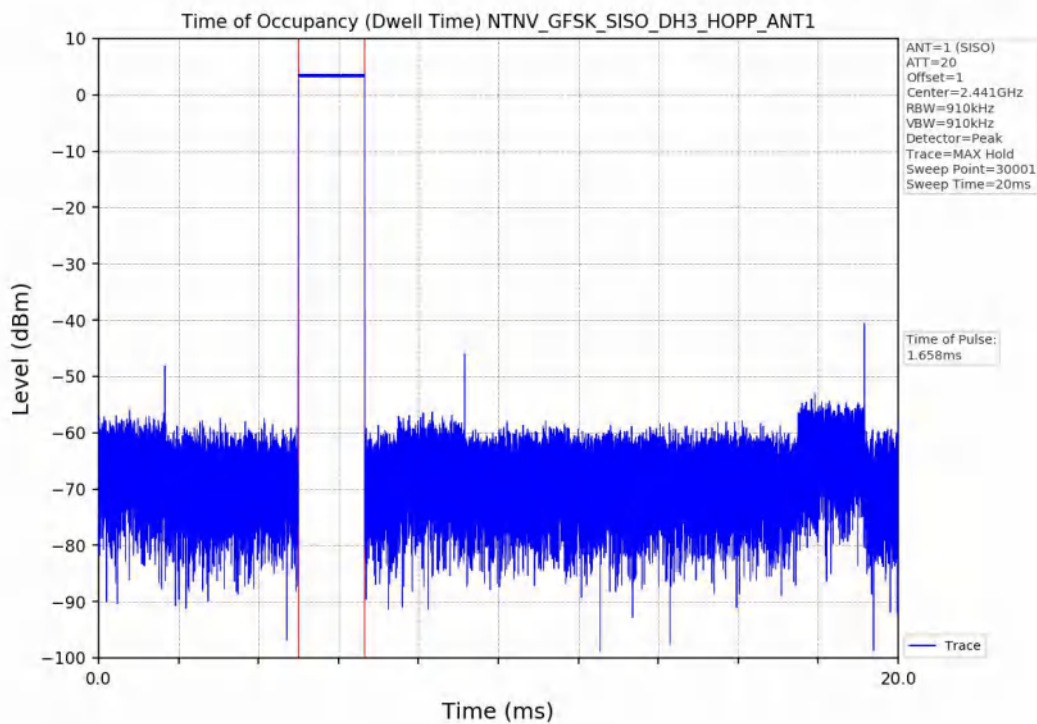
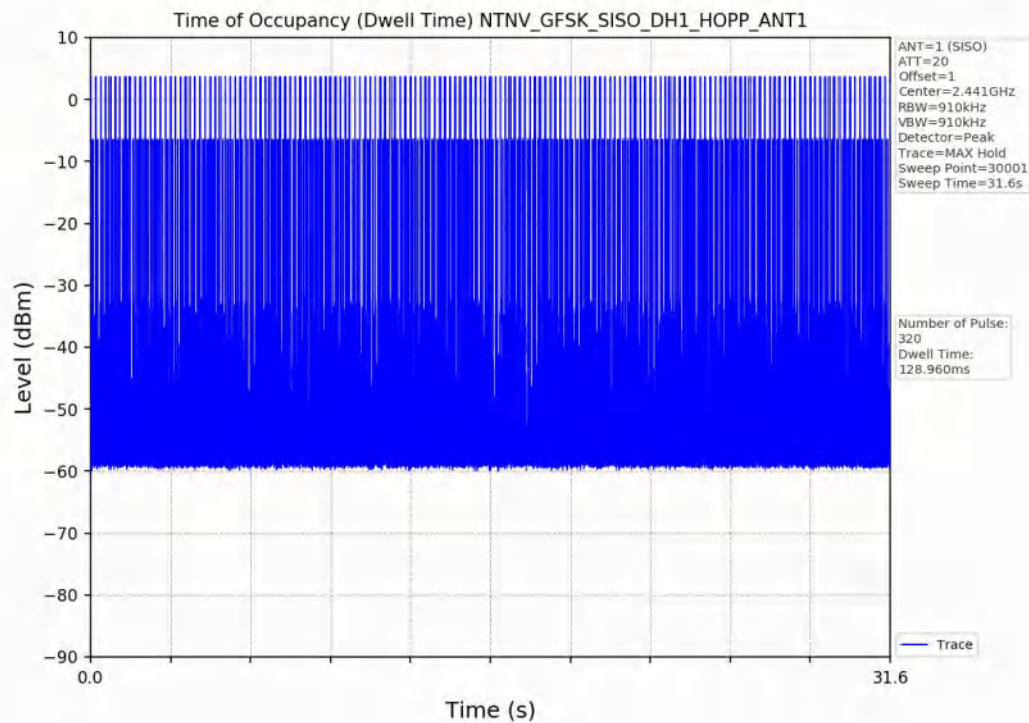
5. Time of Occupancy (Dwell Time)

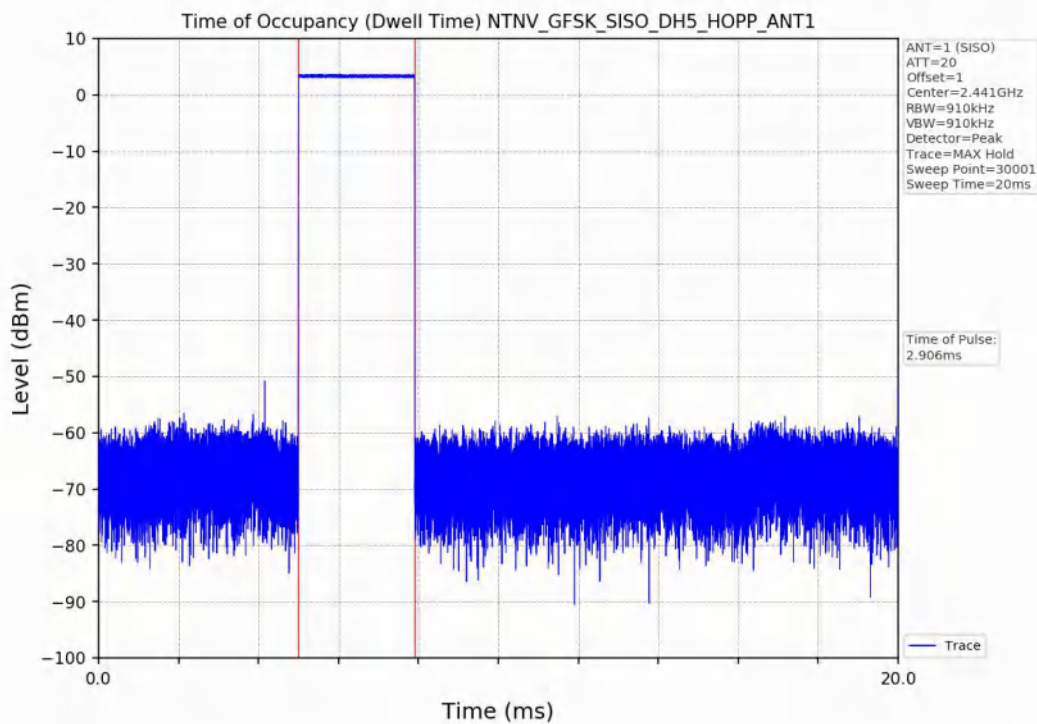
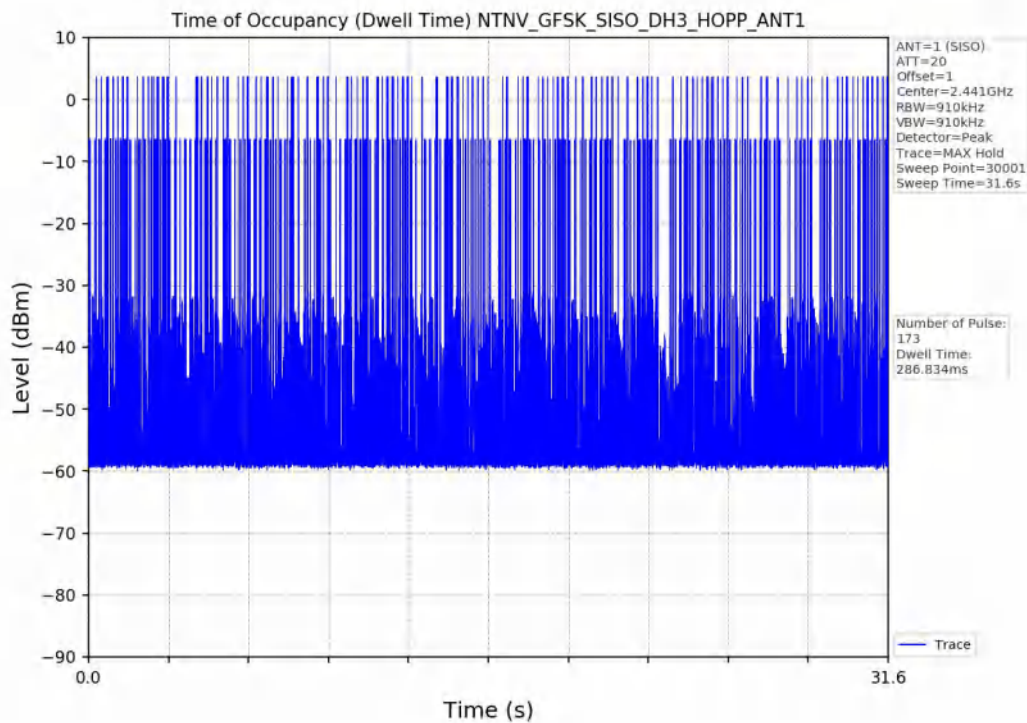
5.1 Test Result

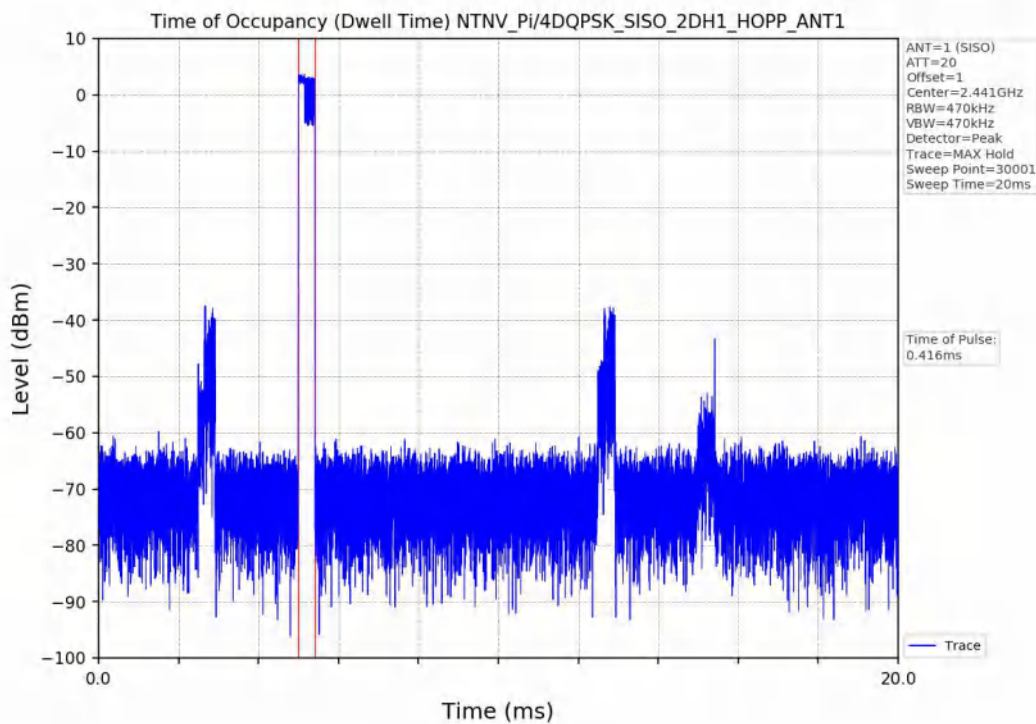
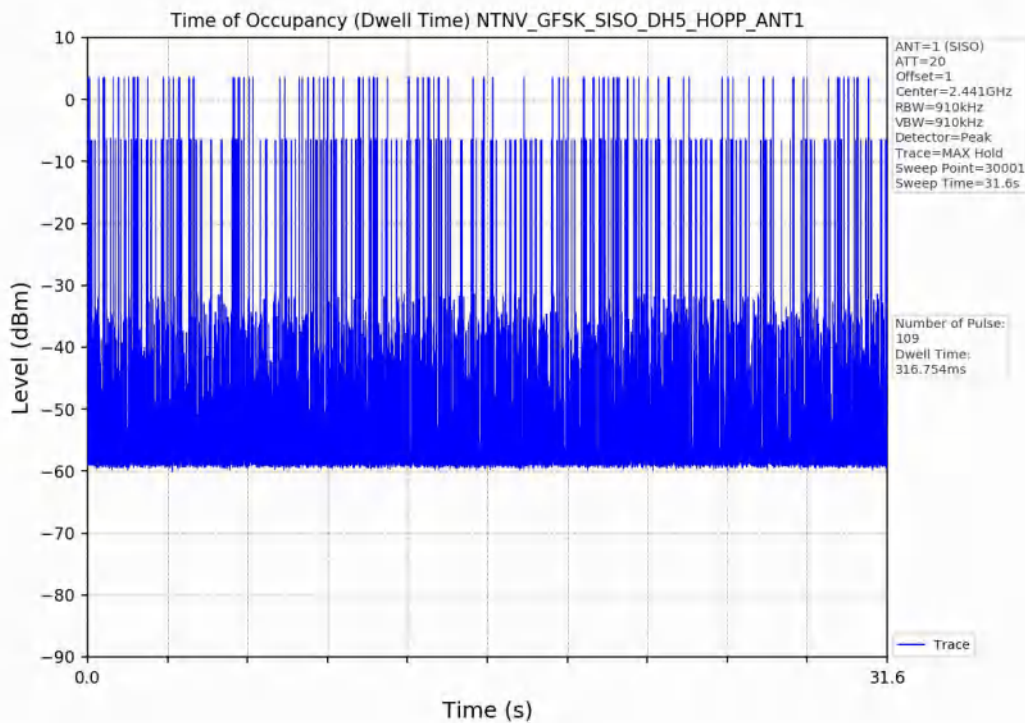
Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.403	31.6	320	128.960	≤400	PASS
	DH3	SISO	1	1.658	31.6	173	286.834	≤400	PASS
	DH5	SISO	1	2.906	31.6	109	316.754	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.416	31.6	320	133.120	≤400	PASS
	2DH3	SISO	1	1.666	31.6	156	259.896	≤400	PASS
	2DH5	SISO	1	2.913	31.6	101	294.213	≤400	PASS
8DPSK	3DH1	SISO	1	0.417	31.6	320	133.440	≤400	PASS
	3DH3	SISO	1	1.666	31.6	149	248.234	≤400	PASS
	3DH5	SISO	1	0.193	31.6	109	21.037	≤400	PASS

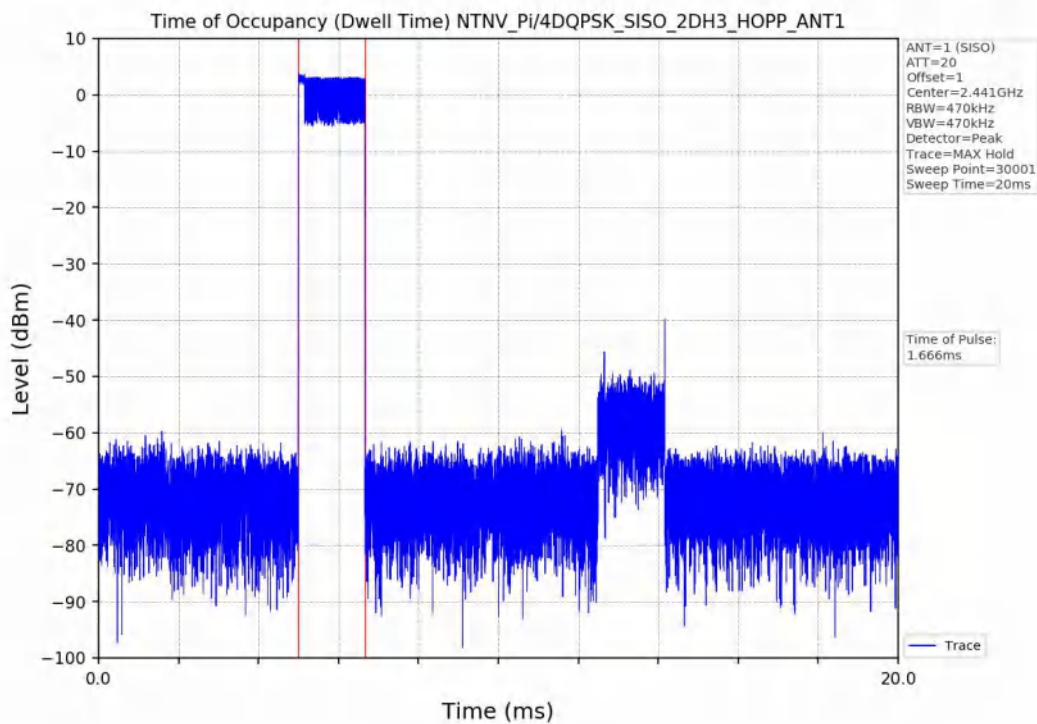
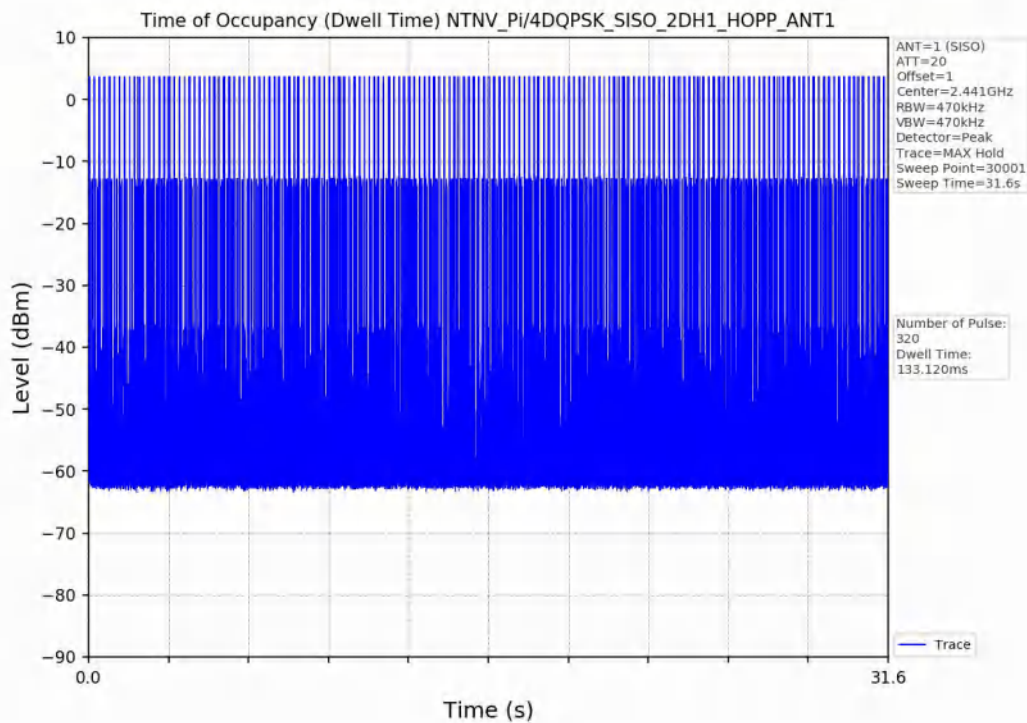
5.2 Test Graph

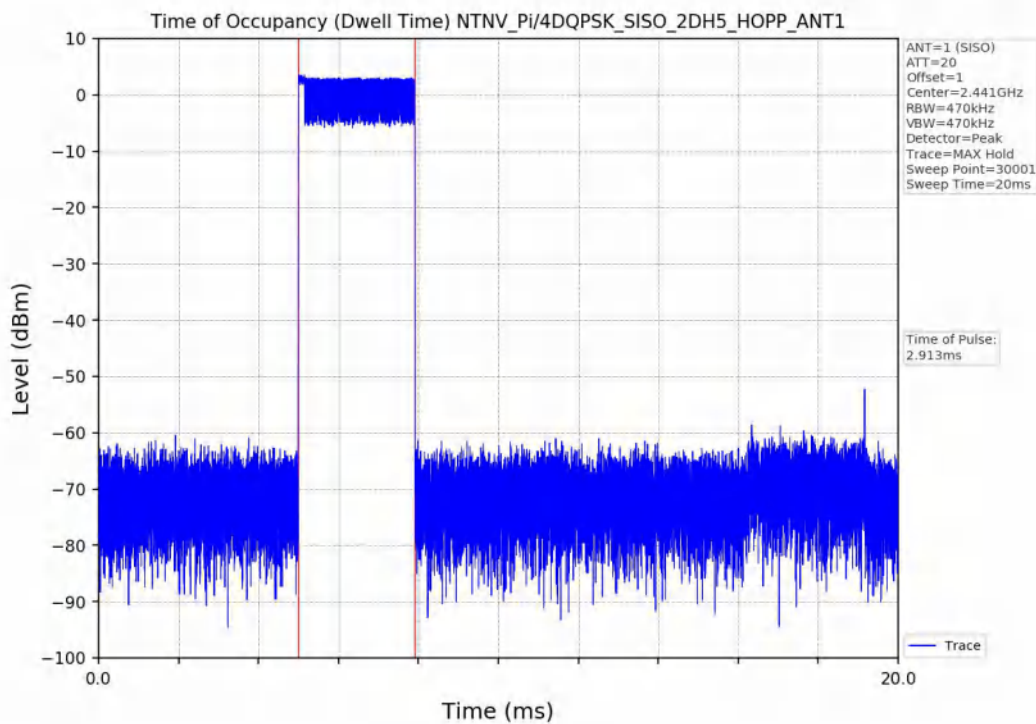
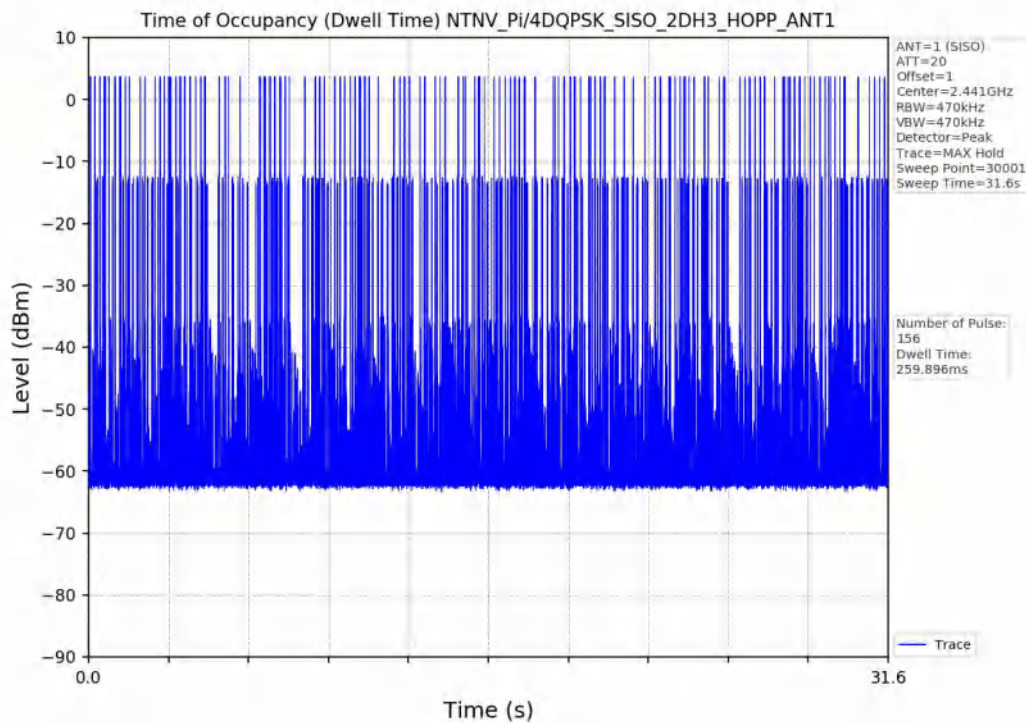


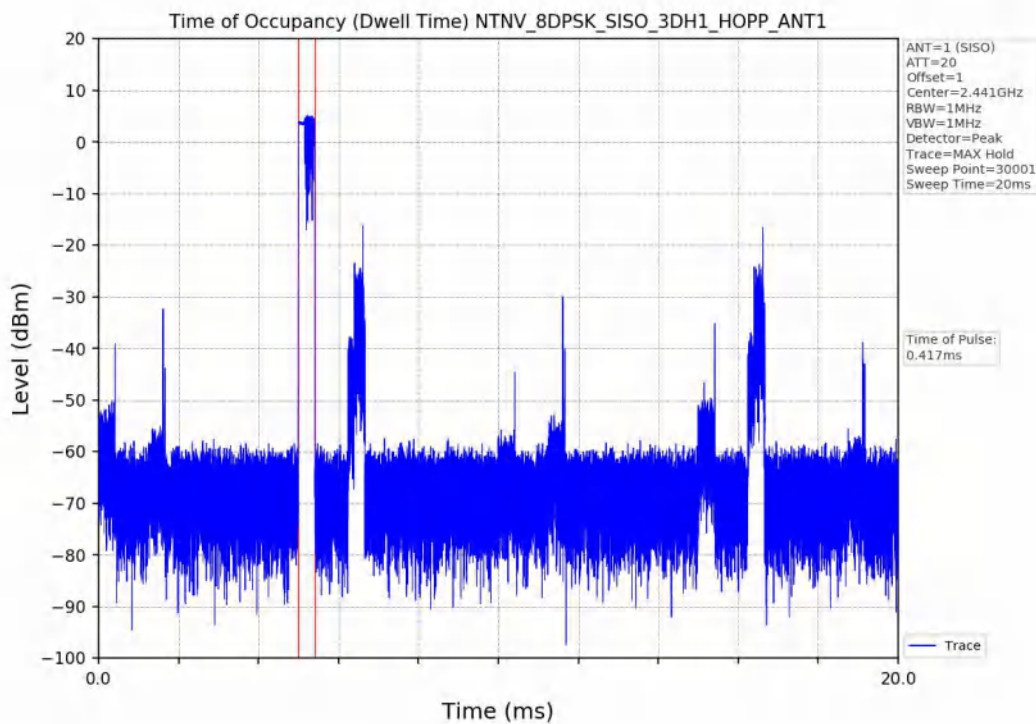
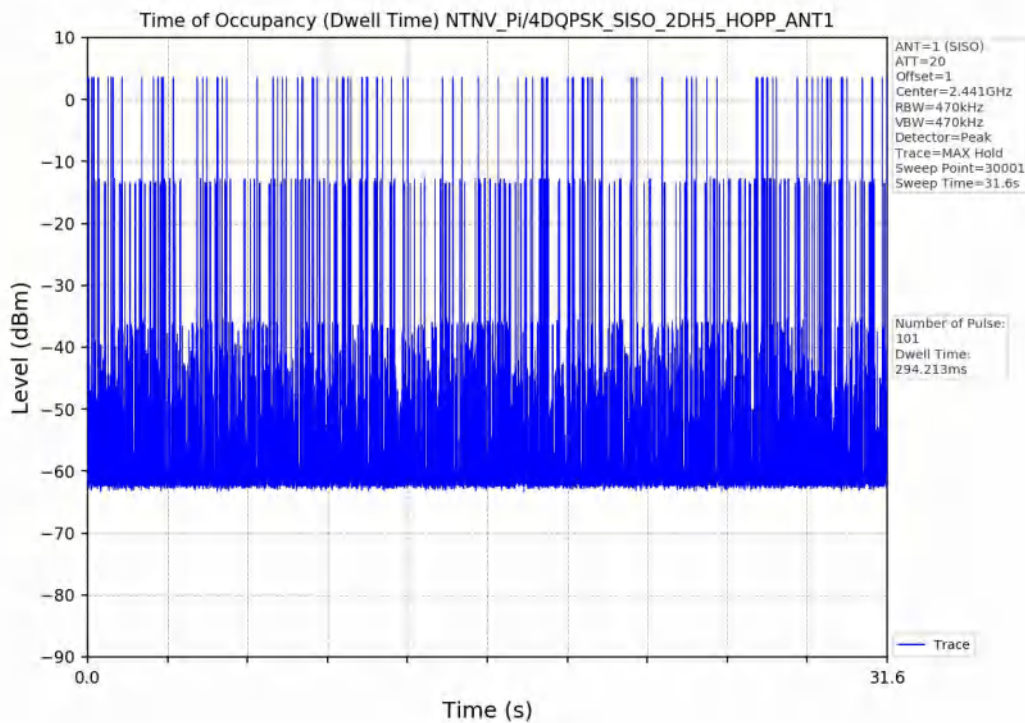


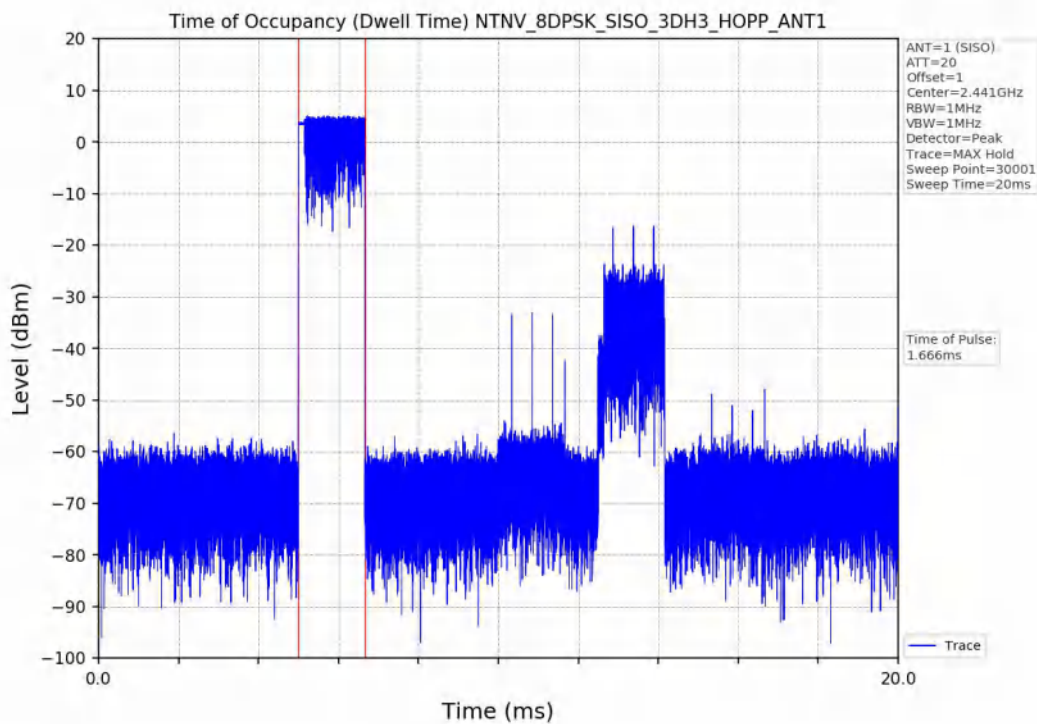
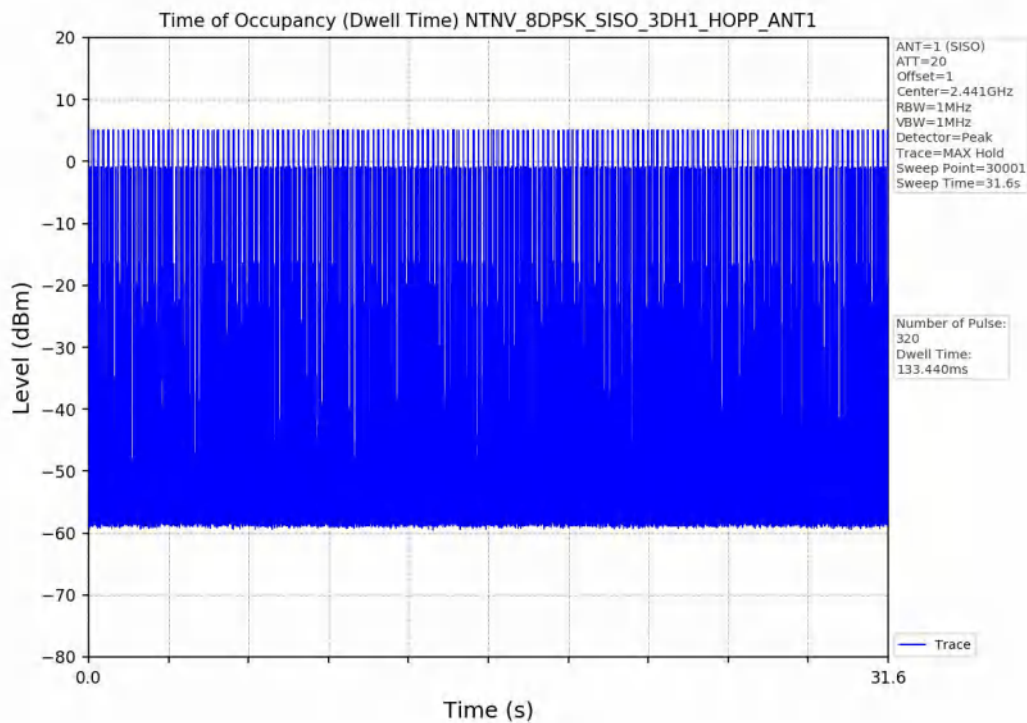


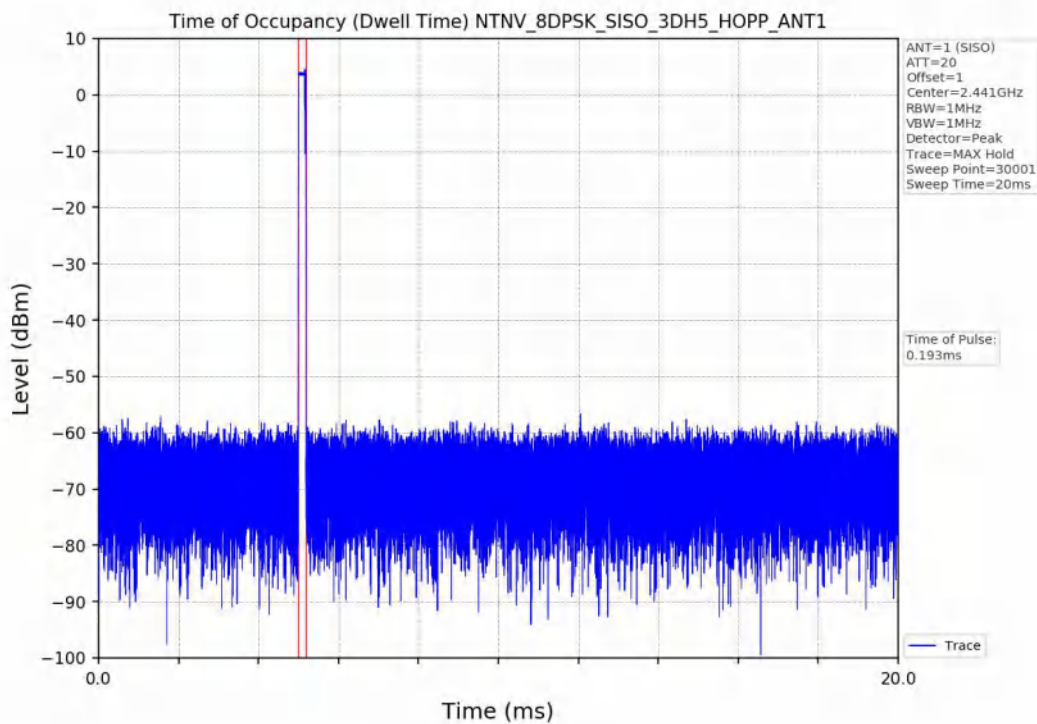
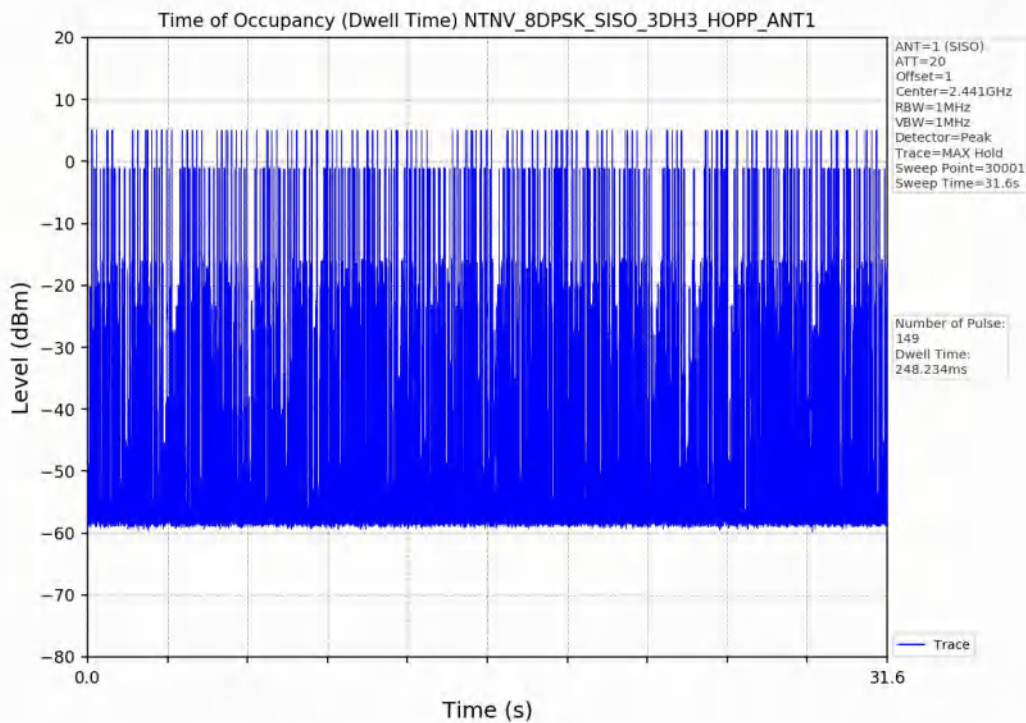


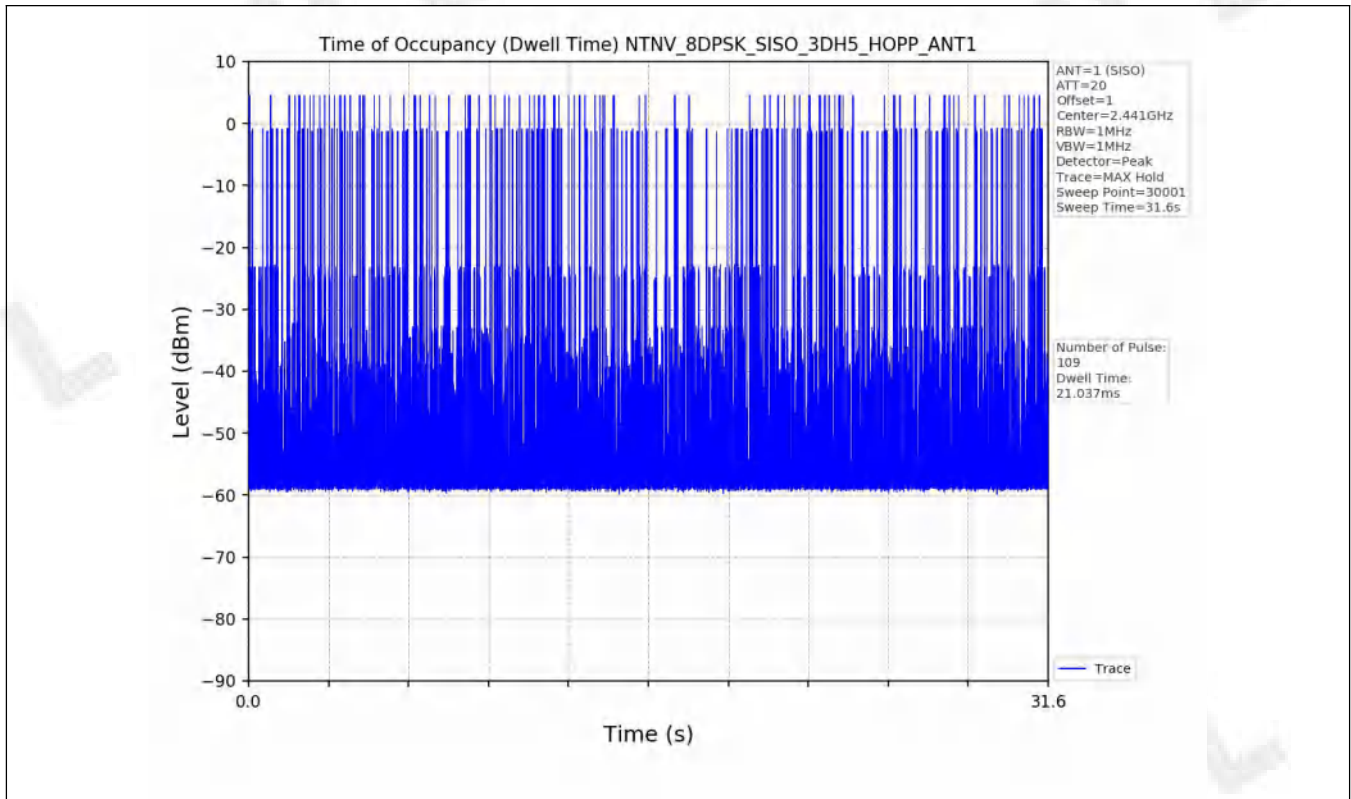












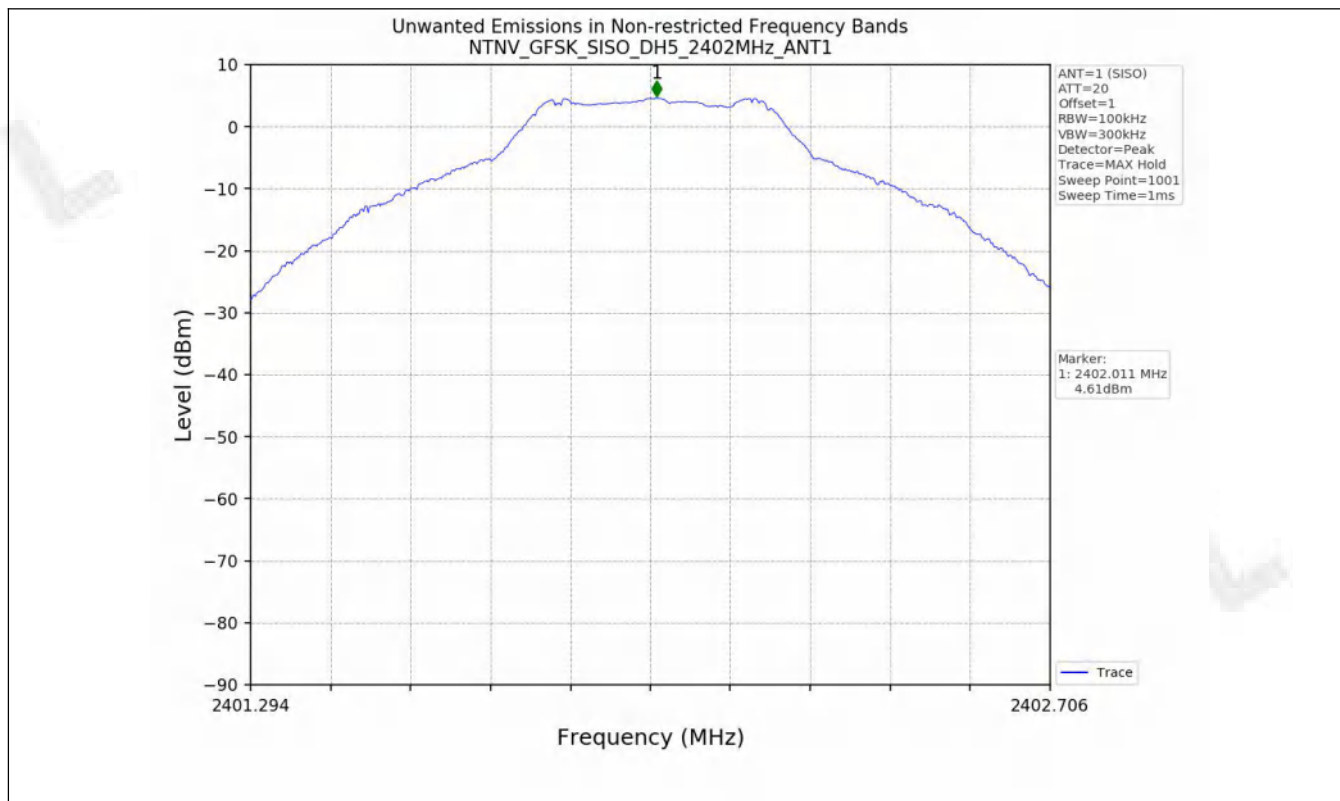
6. Unwanted Emissions in Non-restricted Frequency Bands

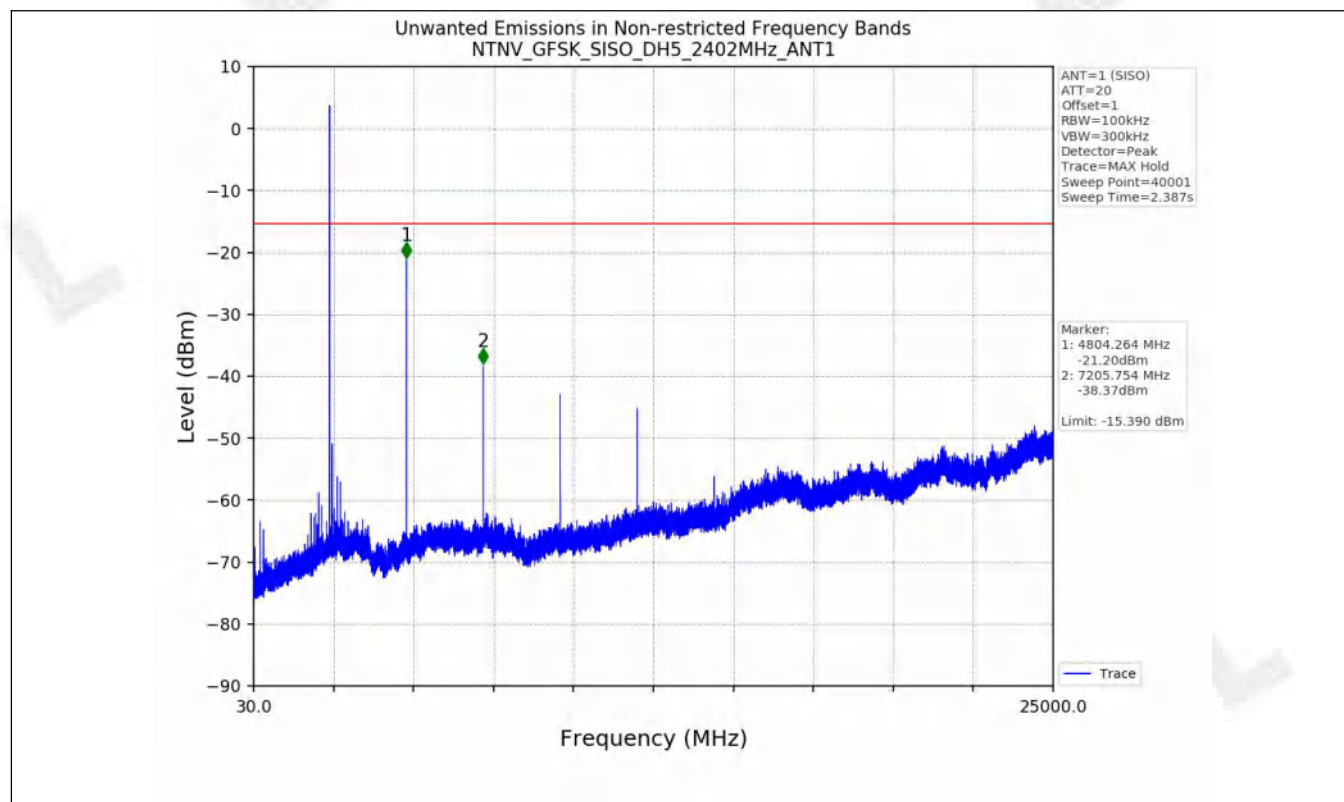
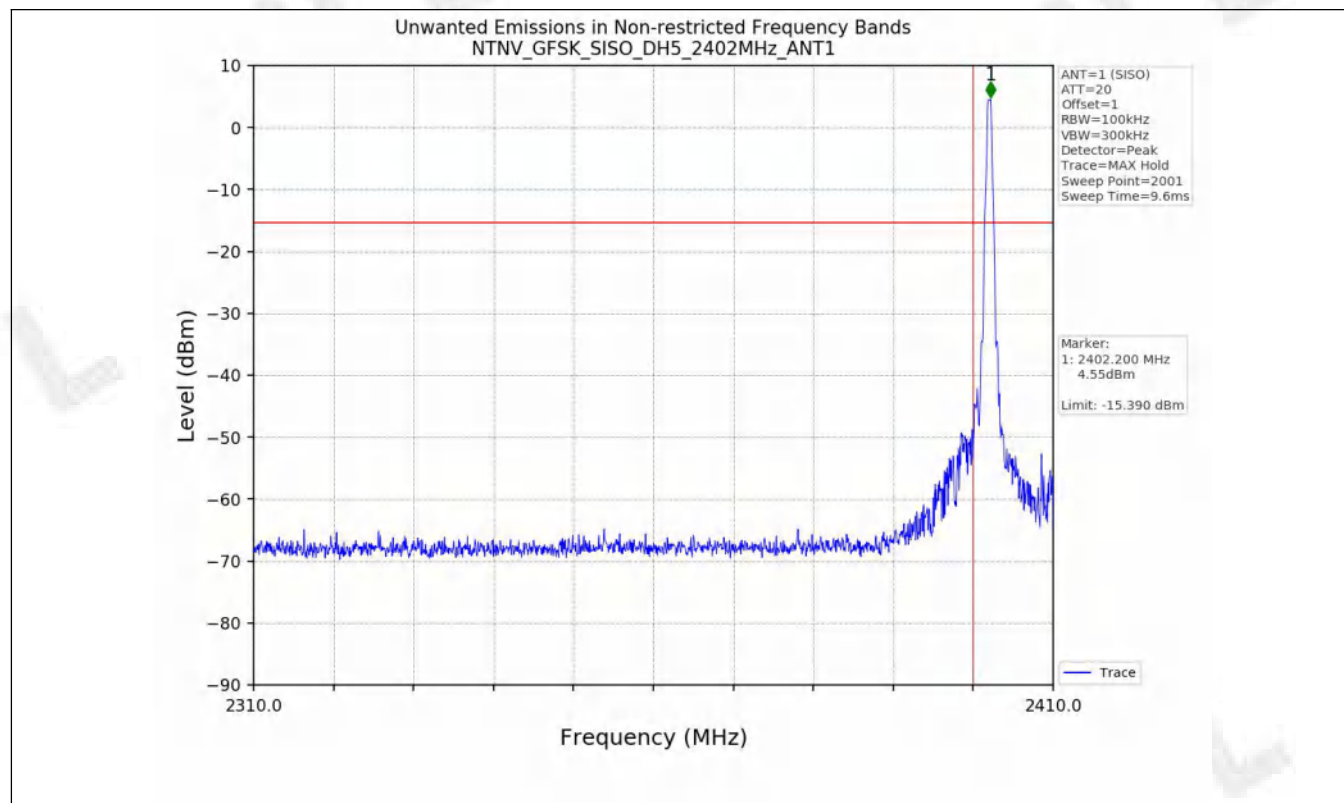
6.1 Test Result

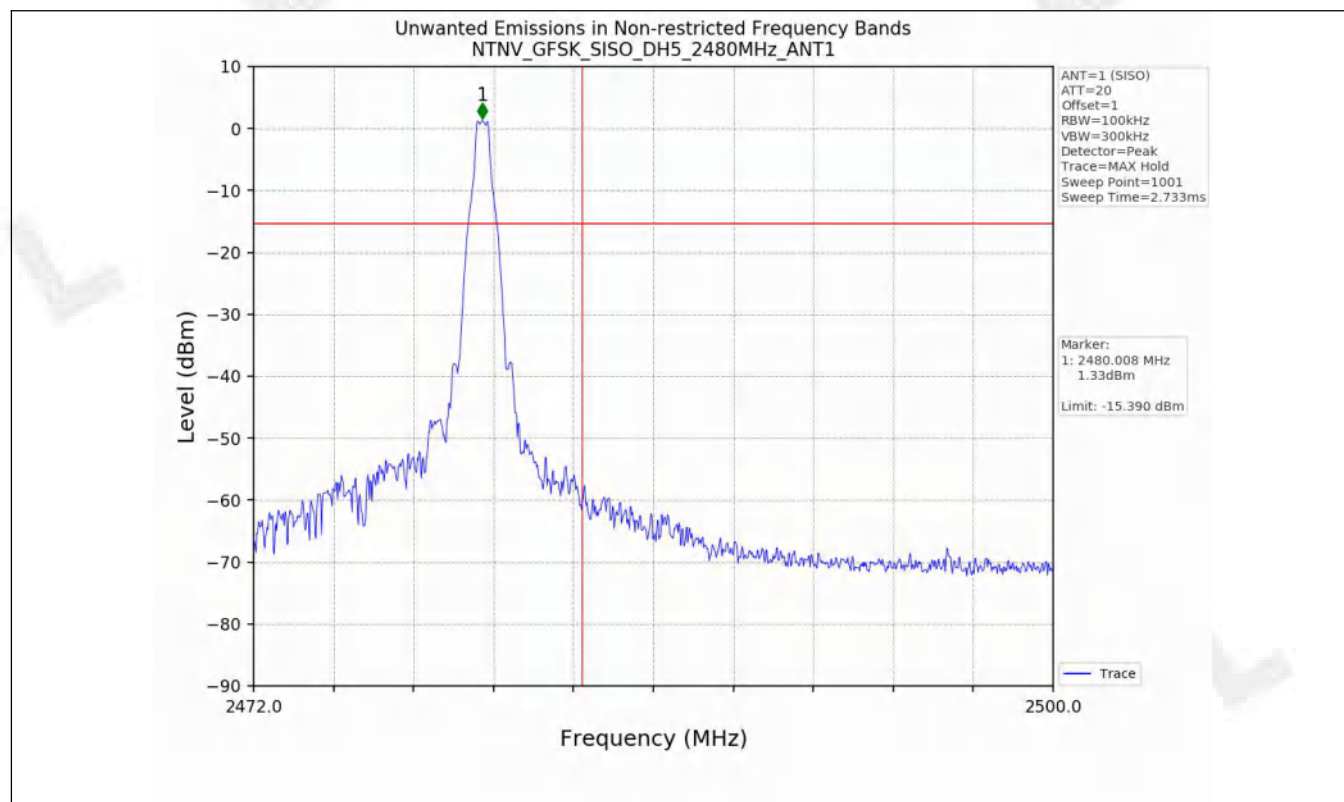
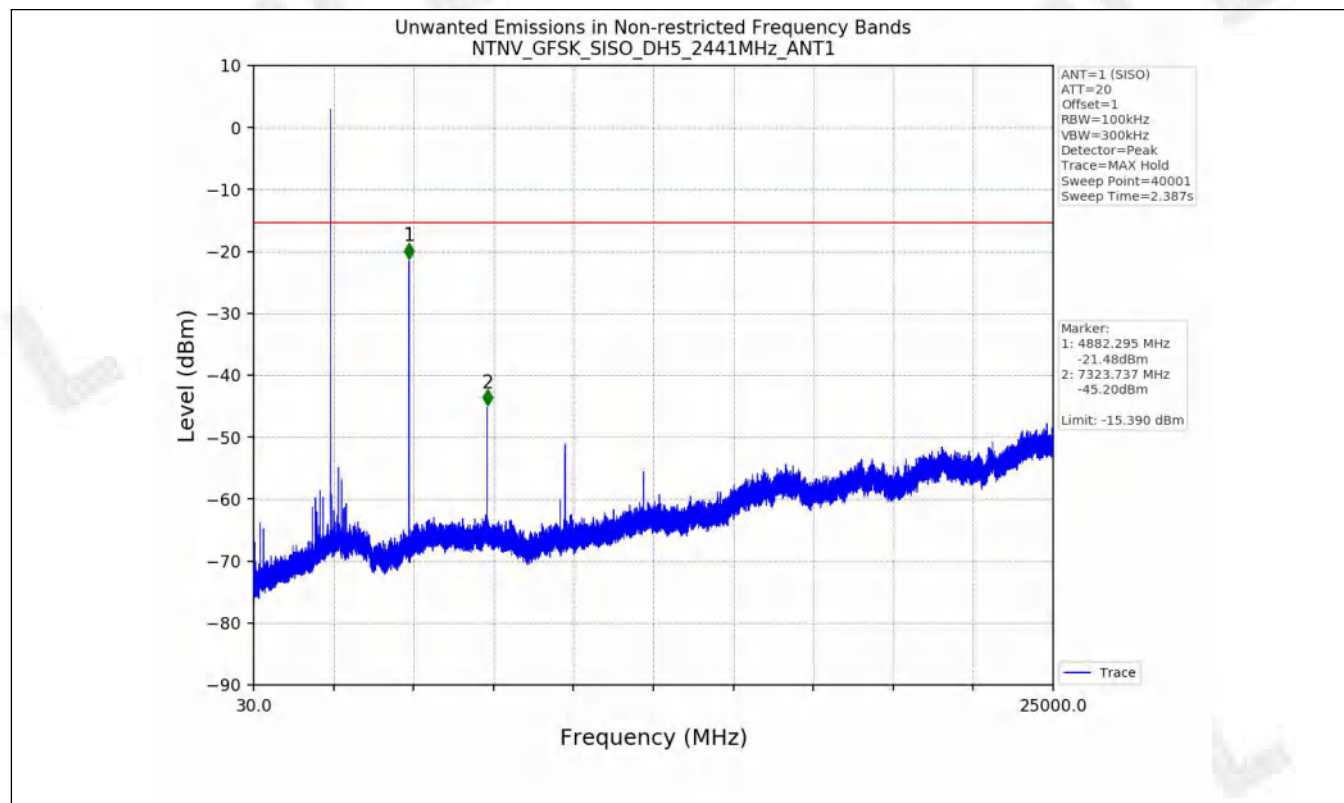
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-15.39	PASS
	2441	SISO	1	Refer to test graph	-15.39	PASS
	2480	SISO	1	Refer to test graph	-15.39	PASS
	Hopping	SISO	1	Refer to test graph	-15.39	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-15.35	PASS
	2441	SISO	1	Refer to test graph	-15.35	PASS
	2480	SISO	1	Refer to test graph	-15.35	PASS
	Hopping	SISO	1	Refer to test graph	-15.35	PASS
8DPSK	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

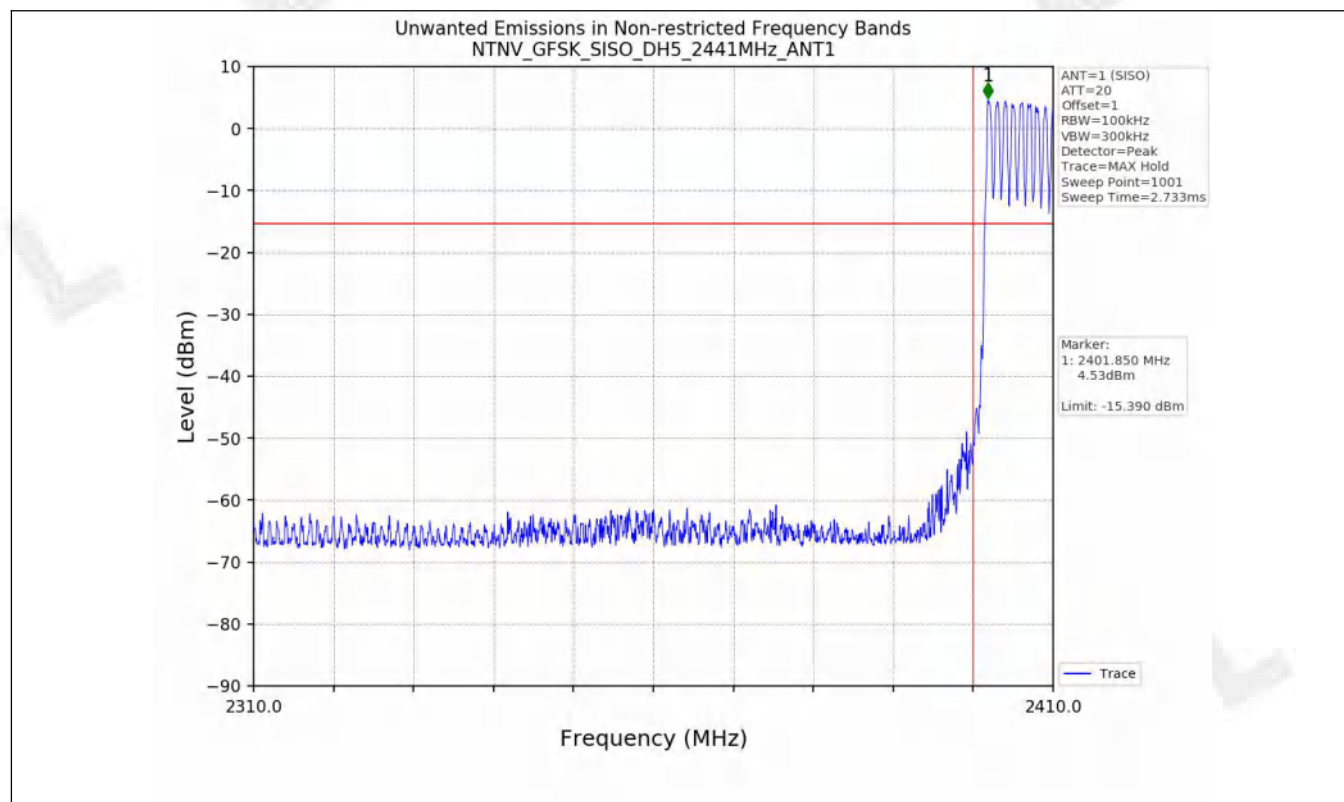
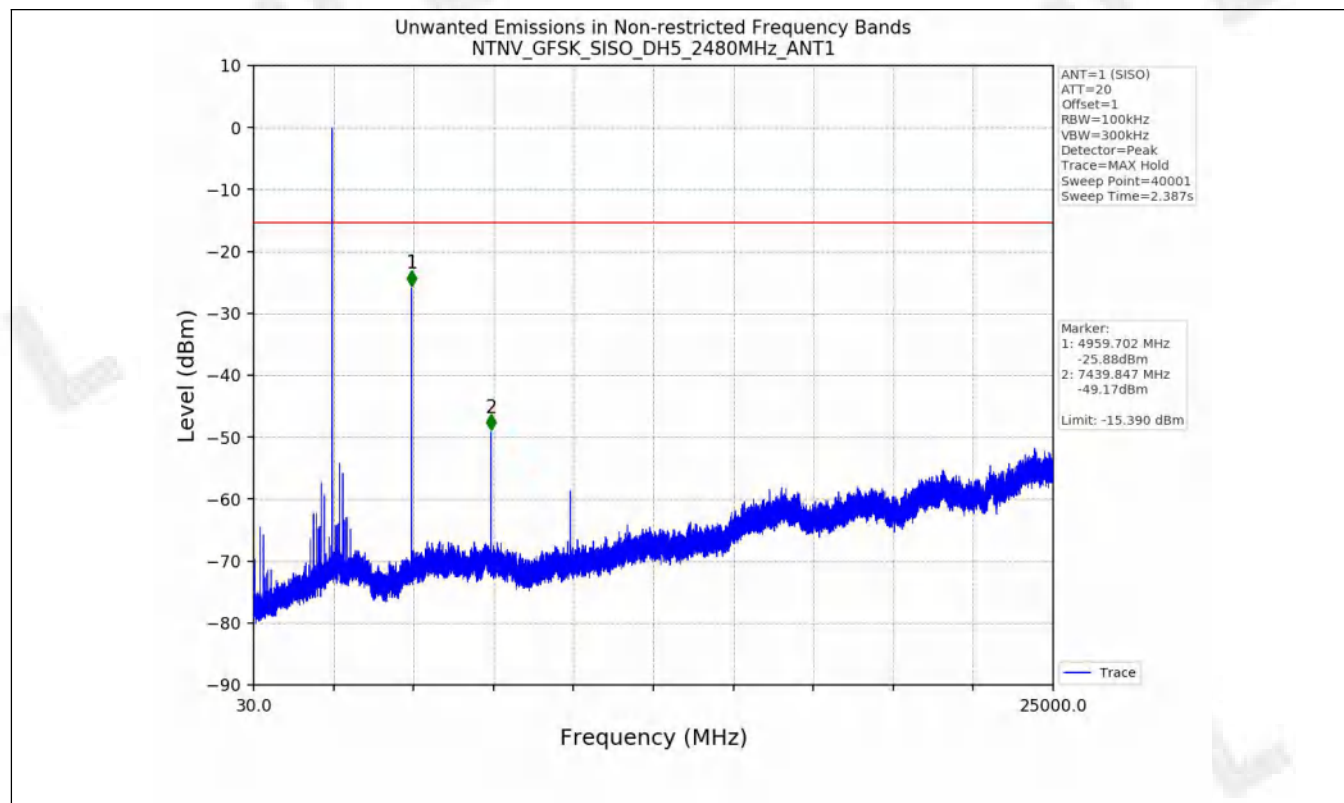
	Hopping	SISO	1	Refer to test graph	-15.09	PASS
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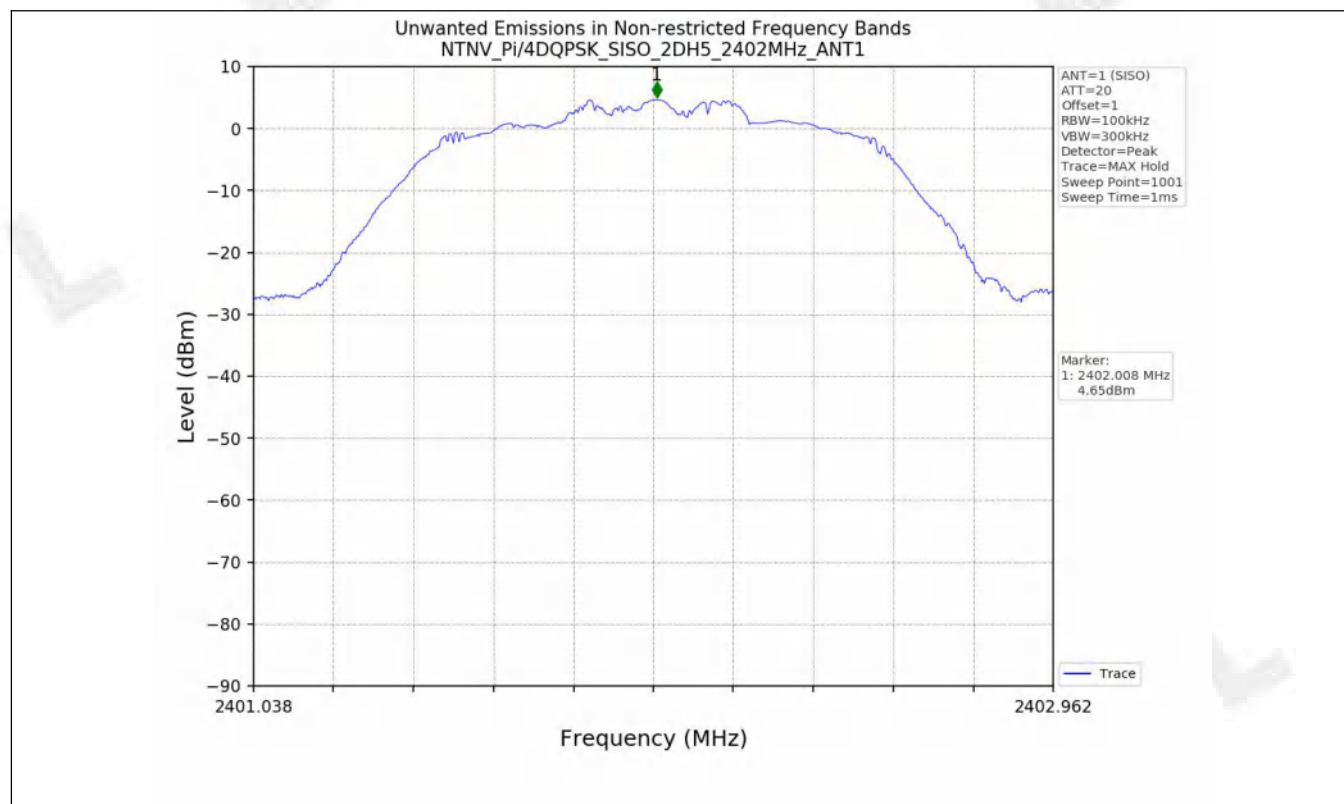
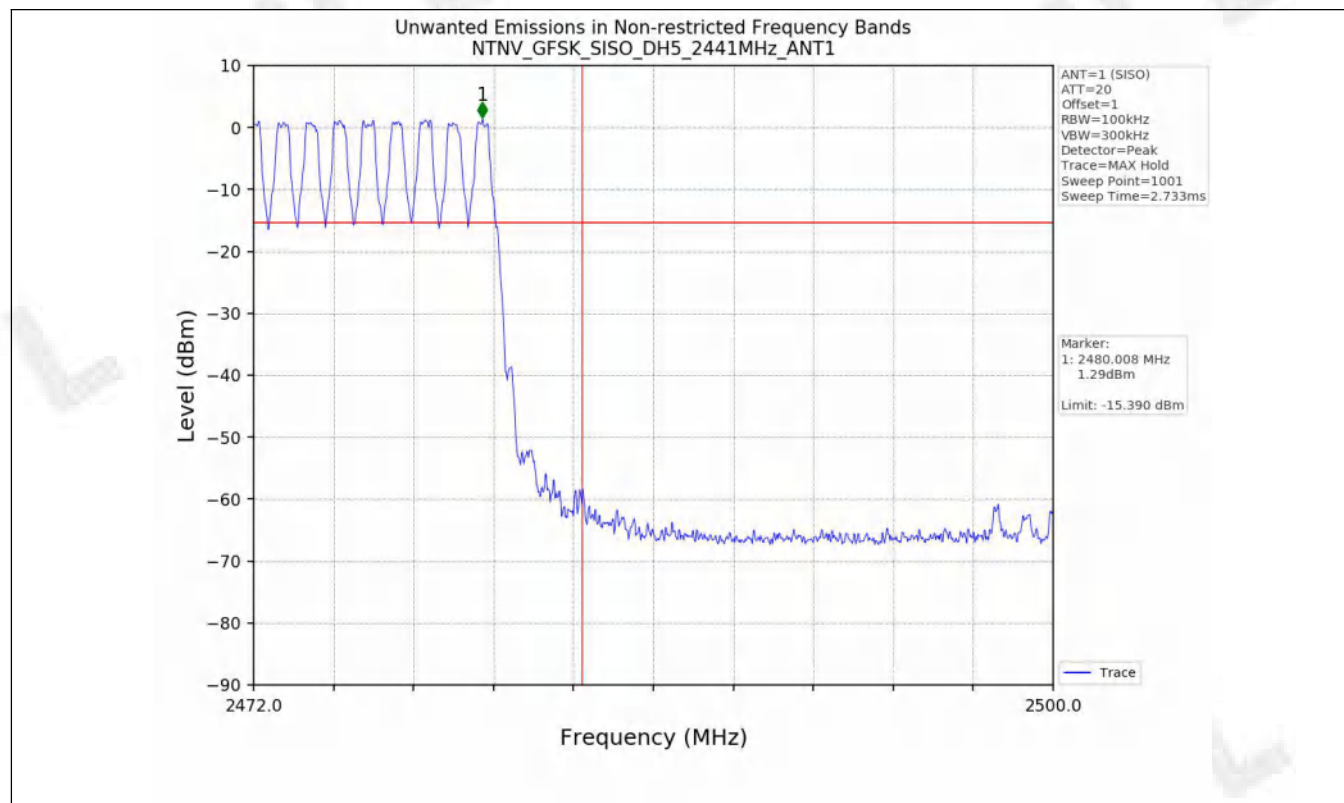
6.2 Test Graph

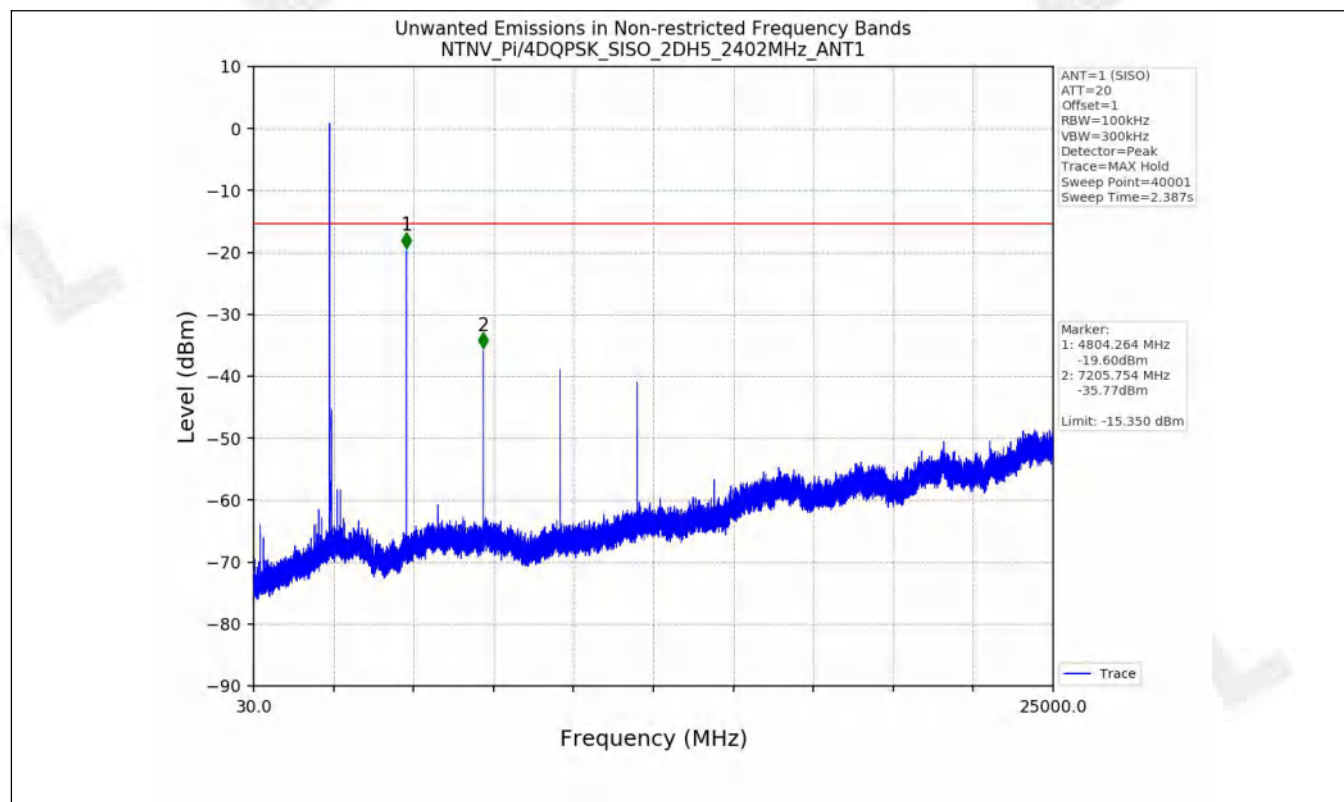
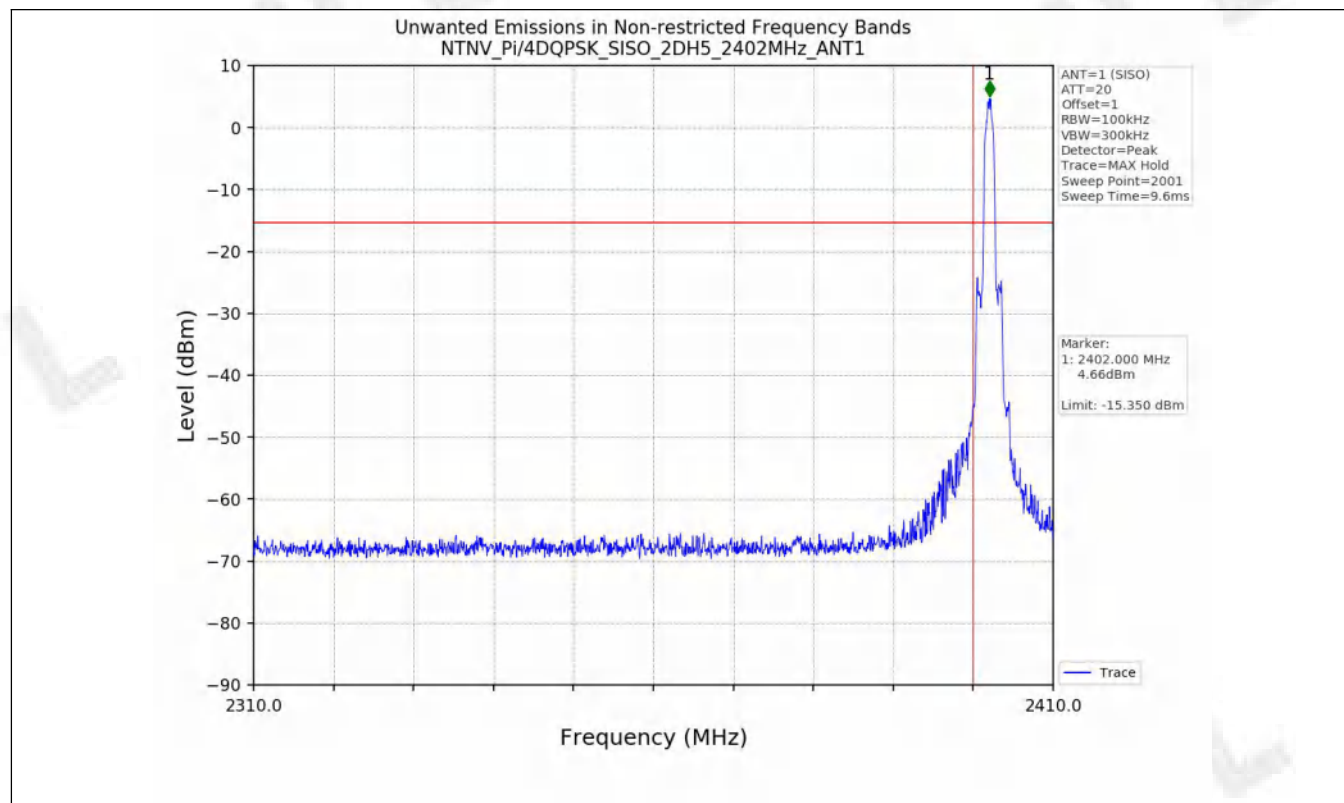


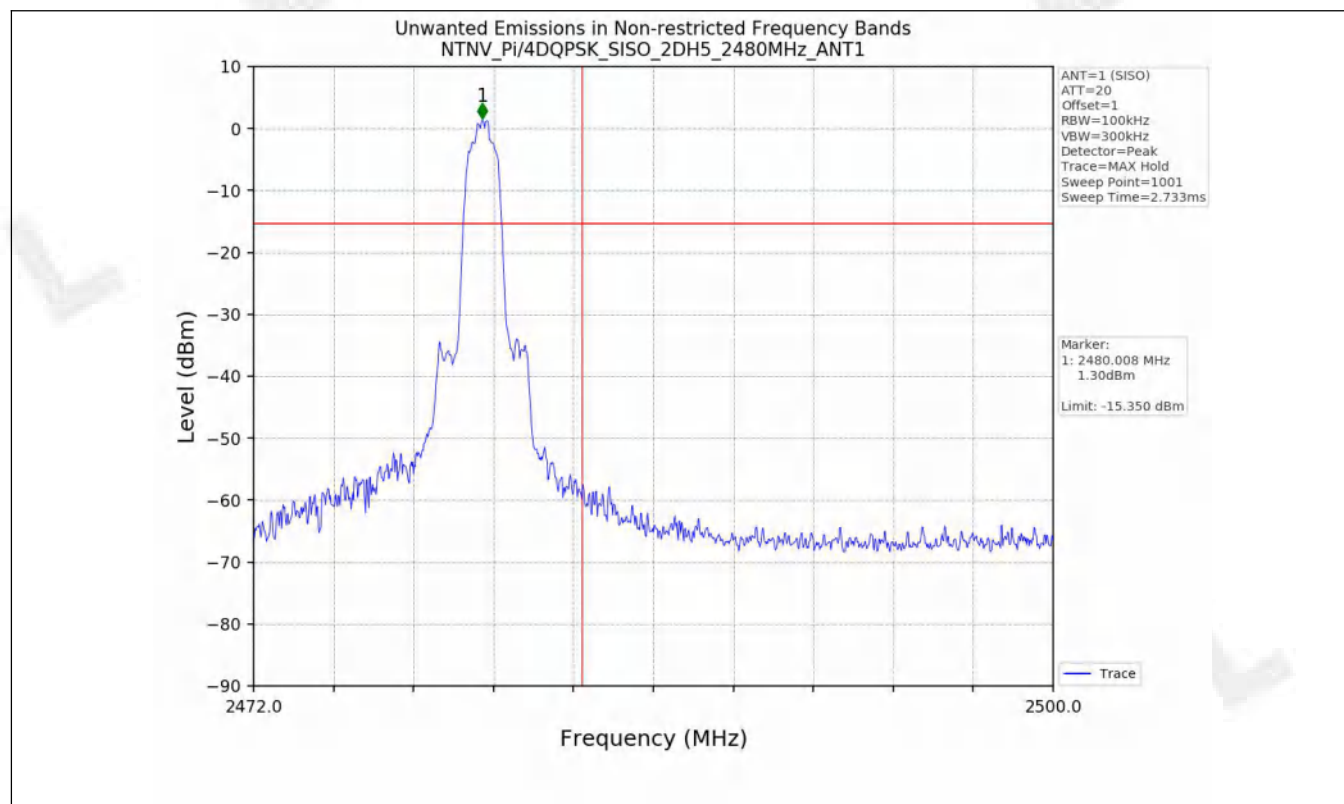
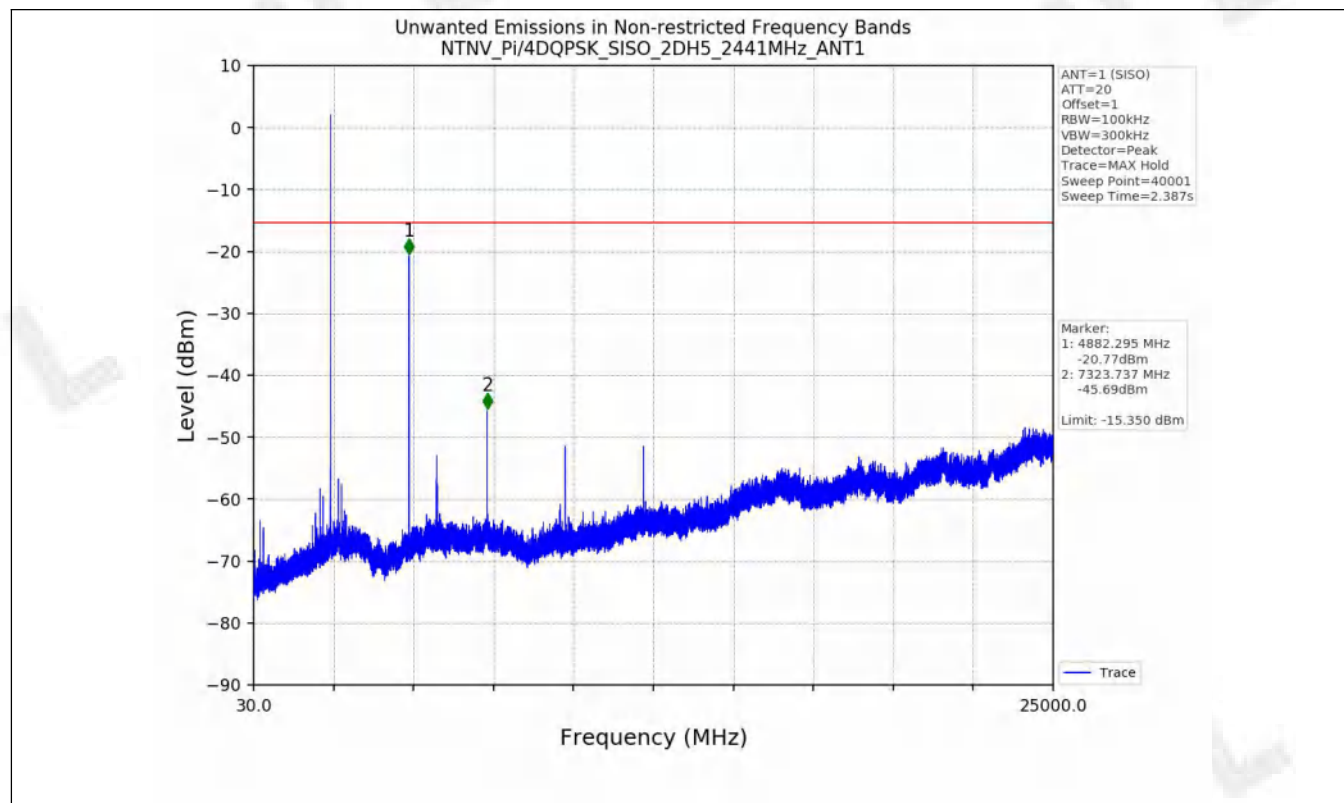


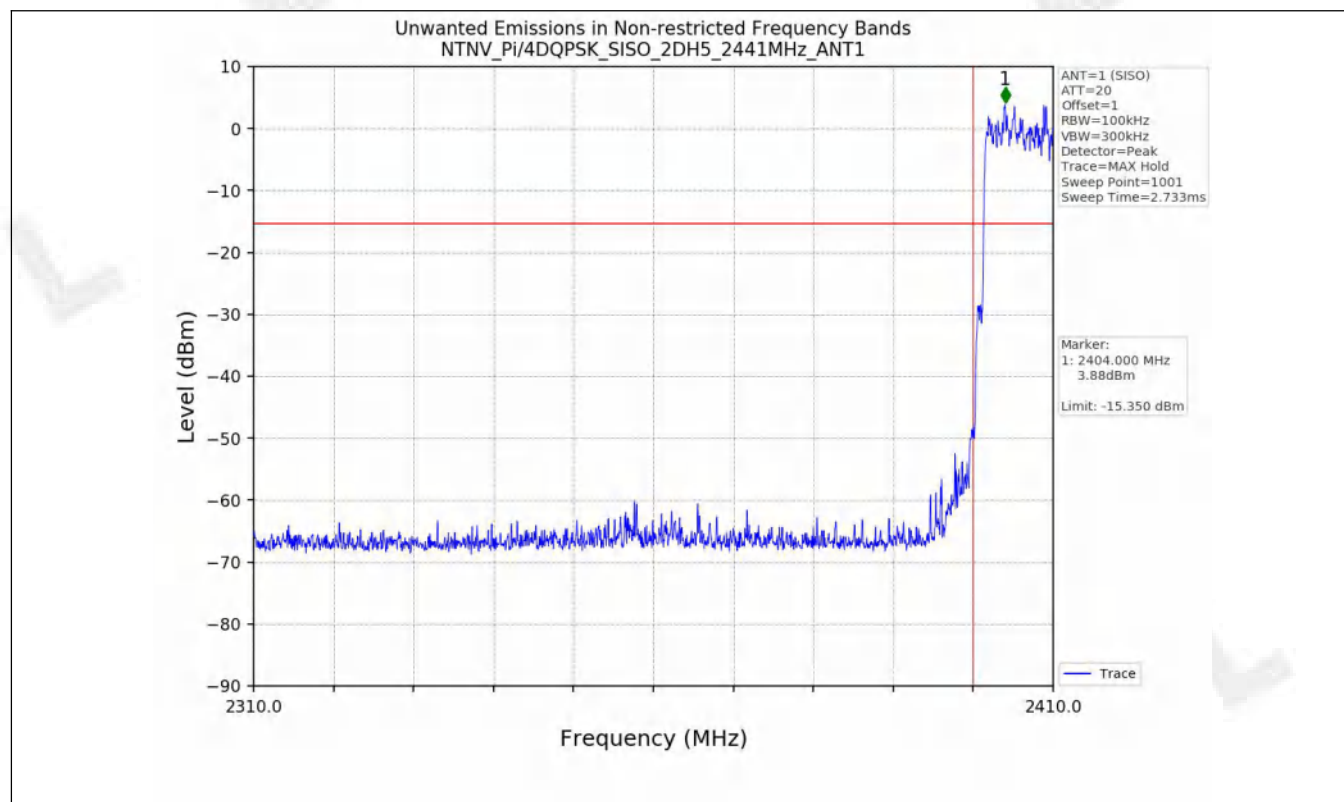
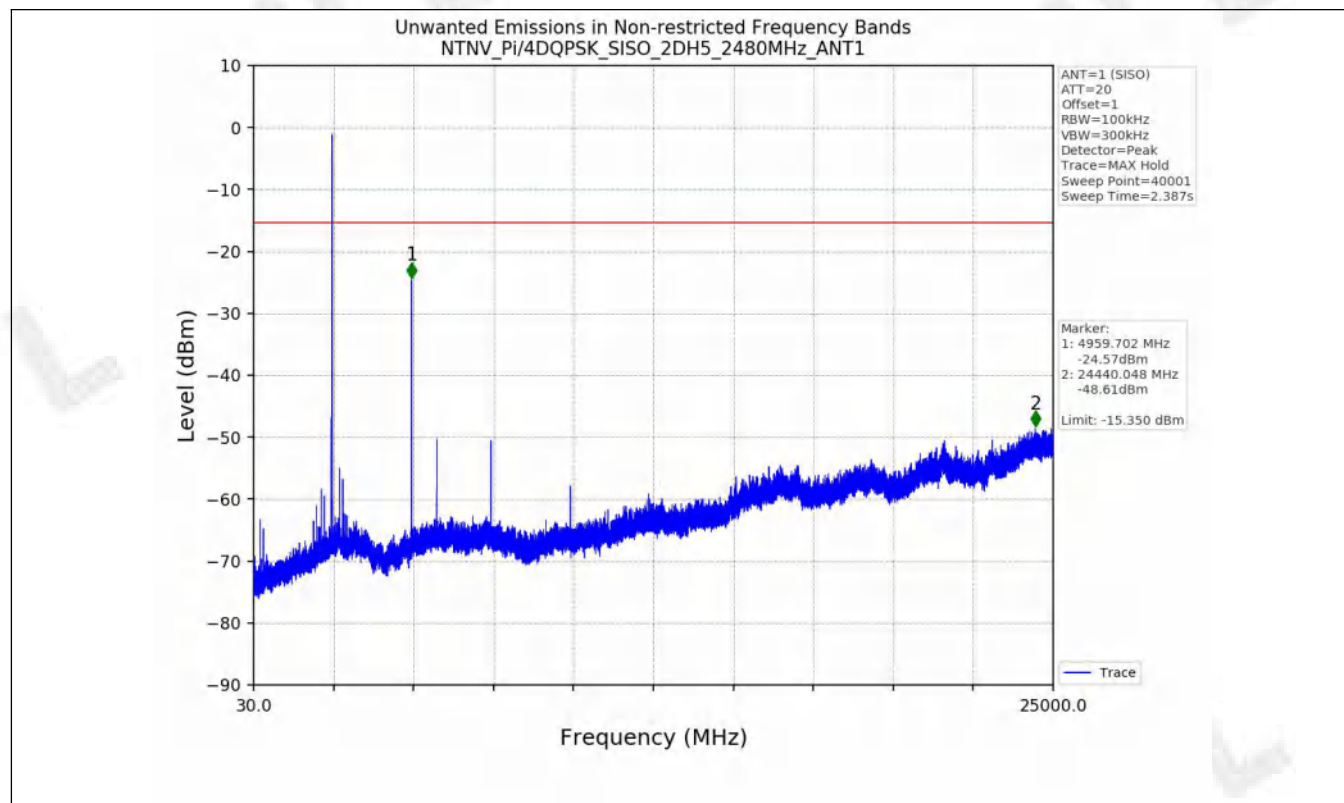


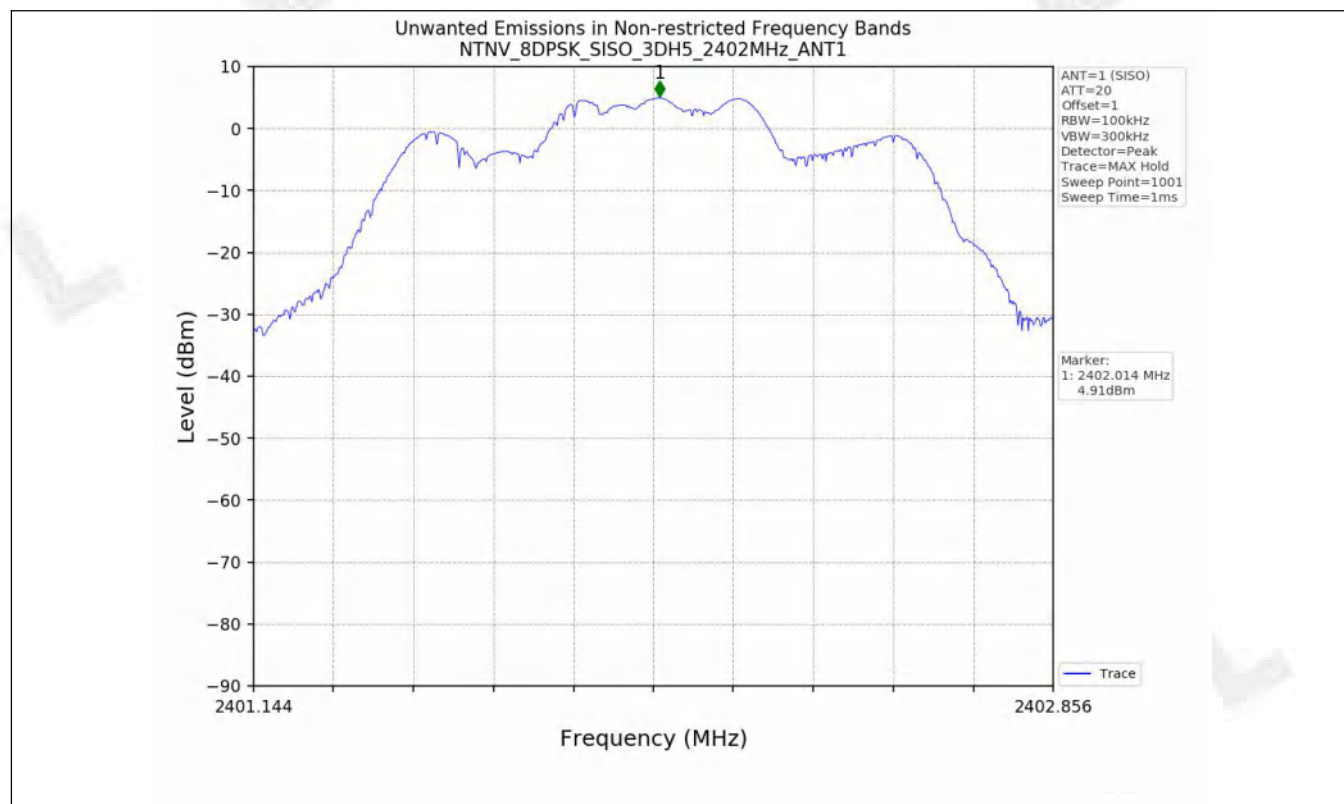
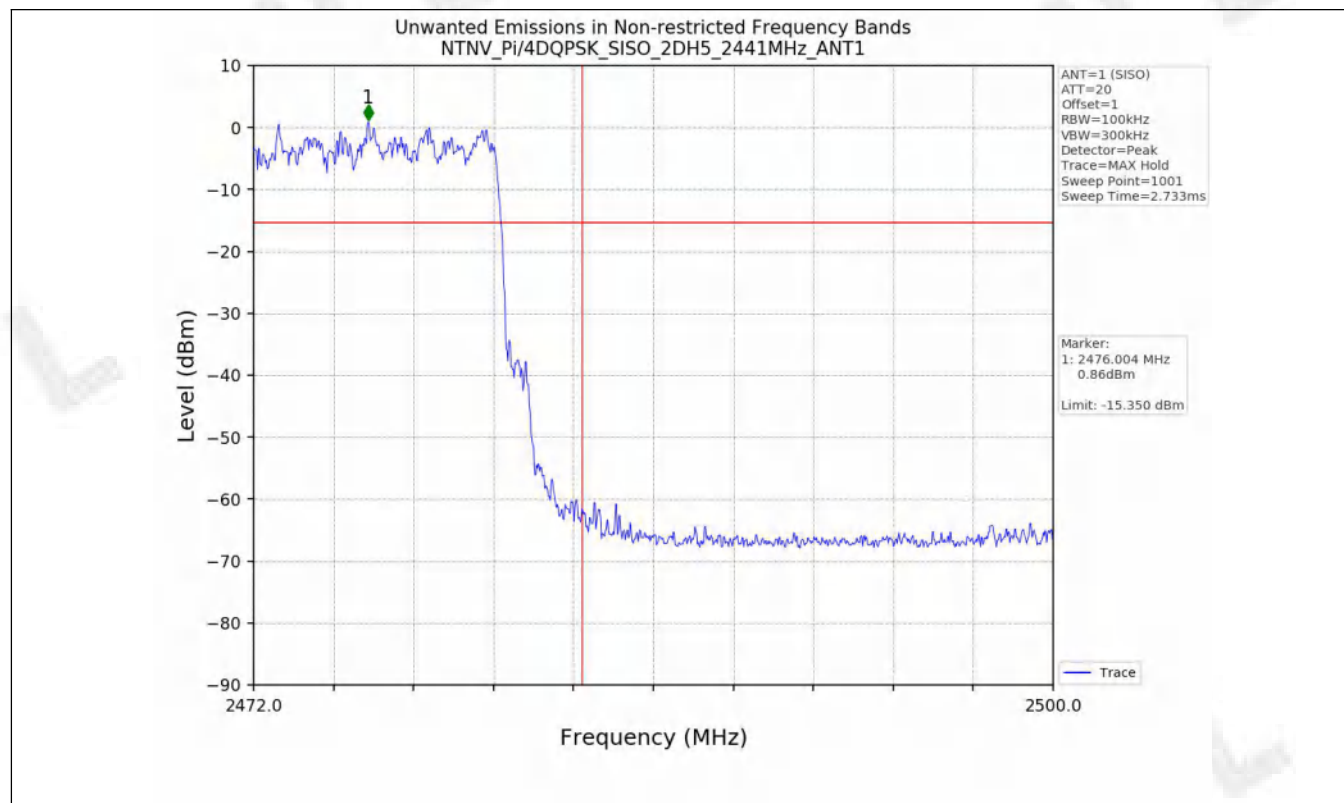


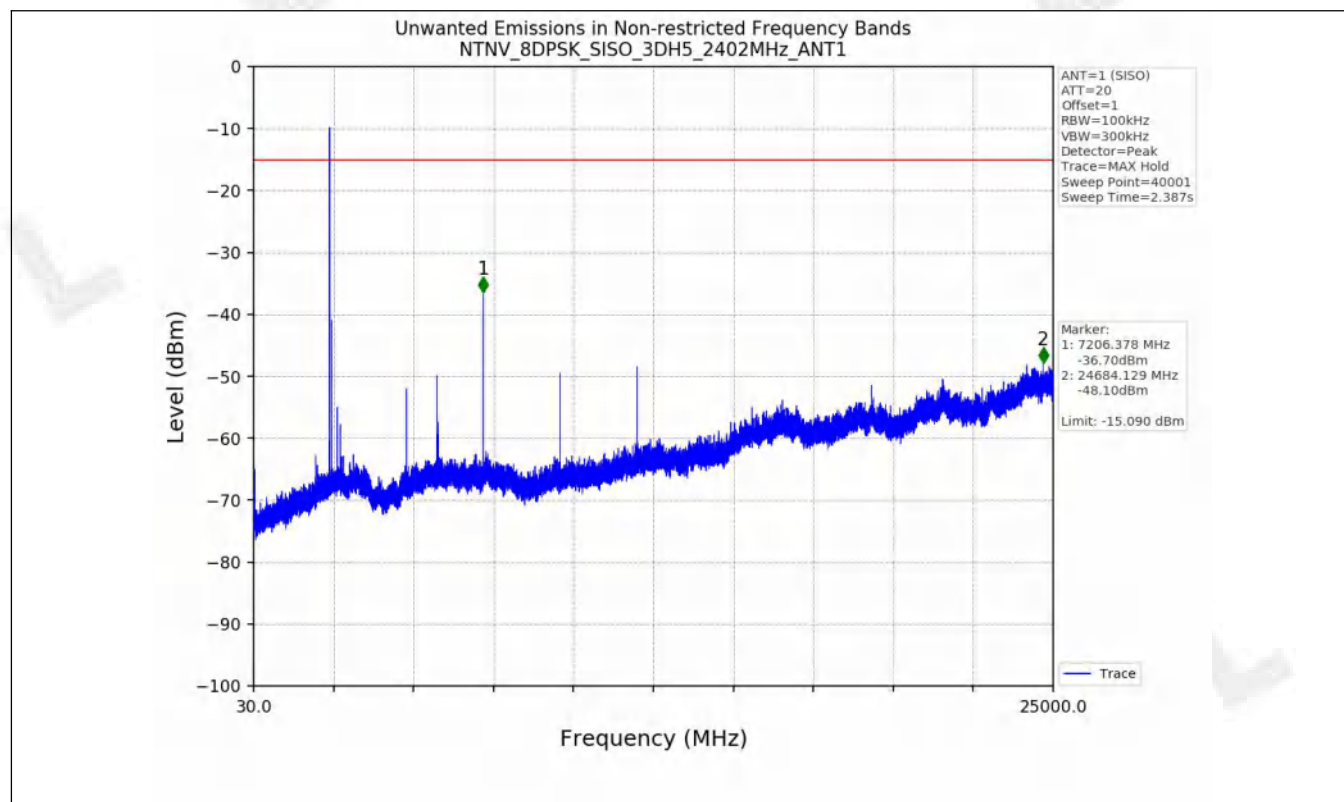
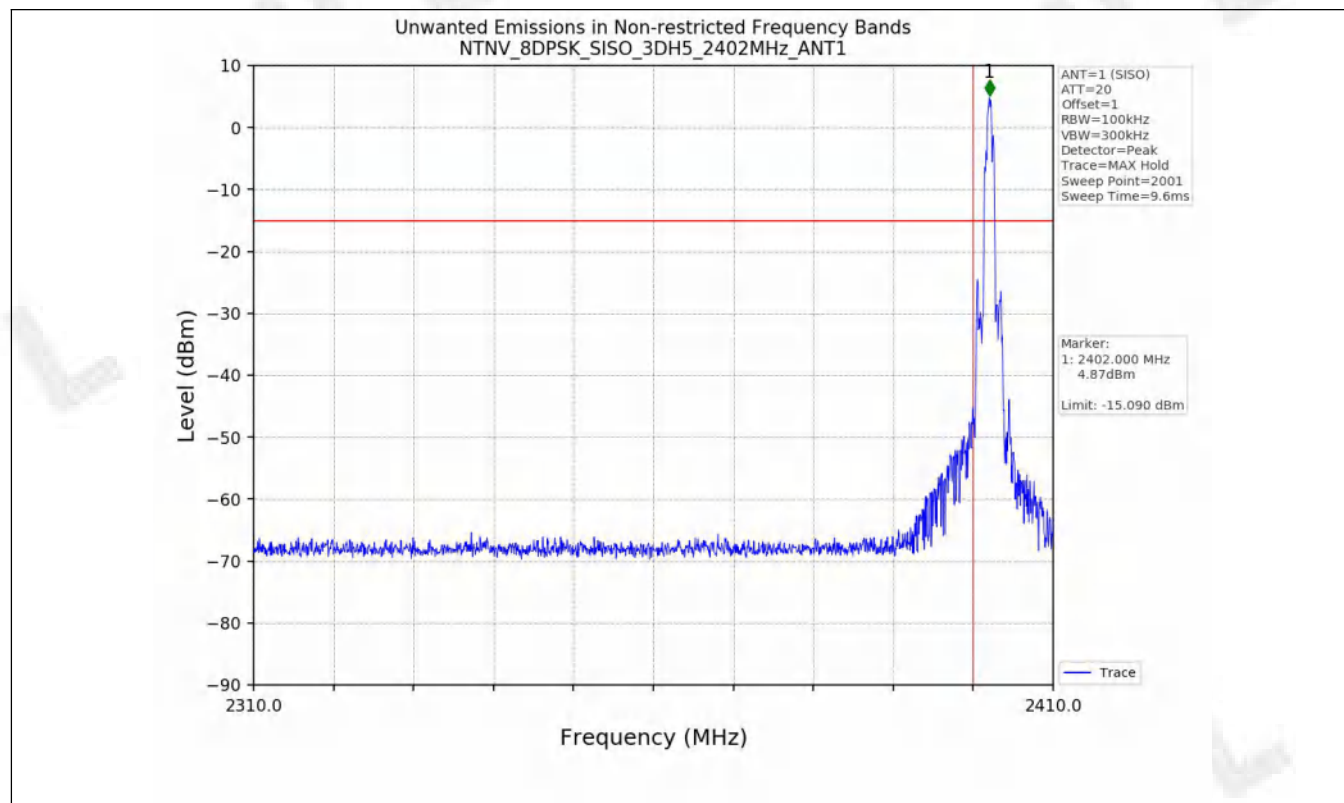


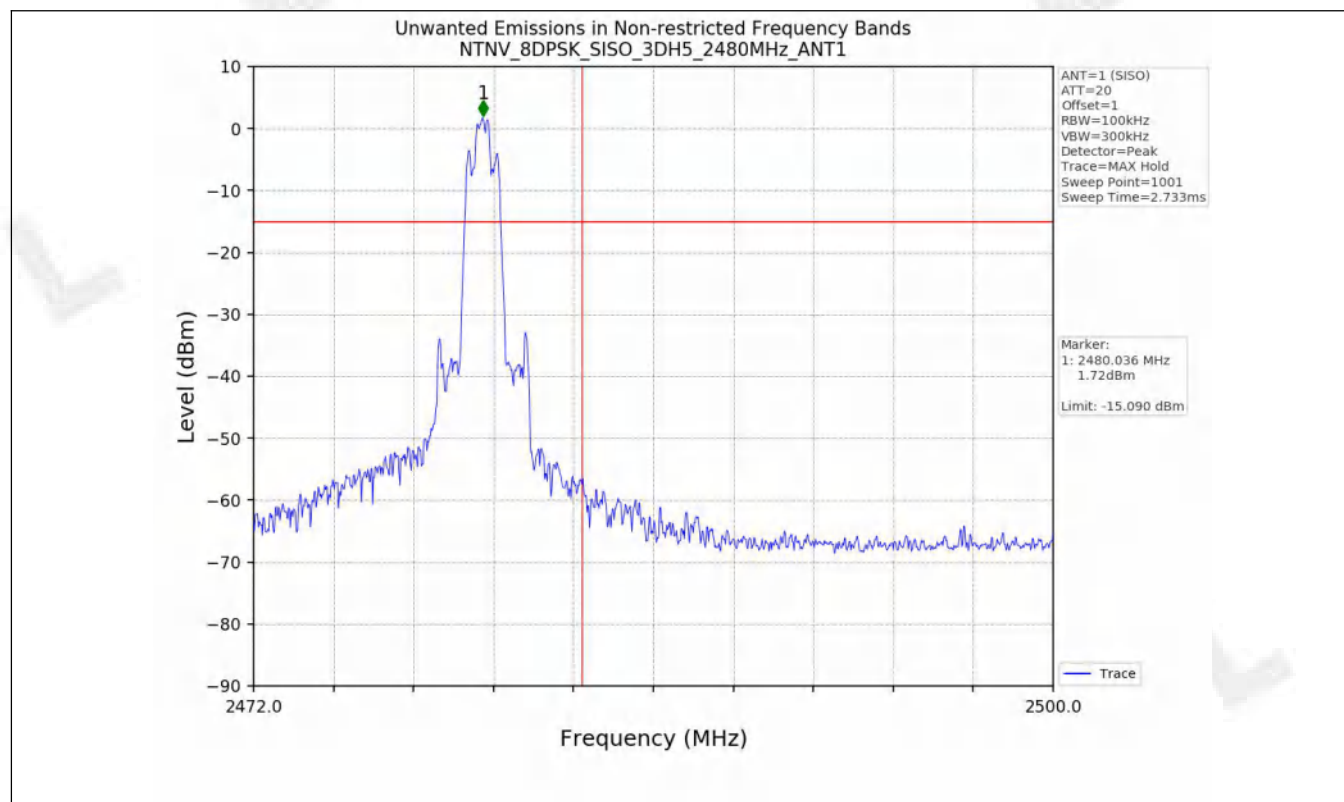
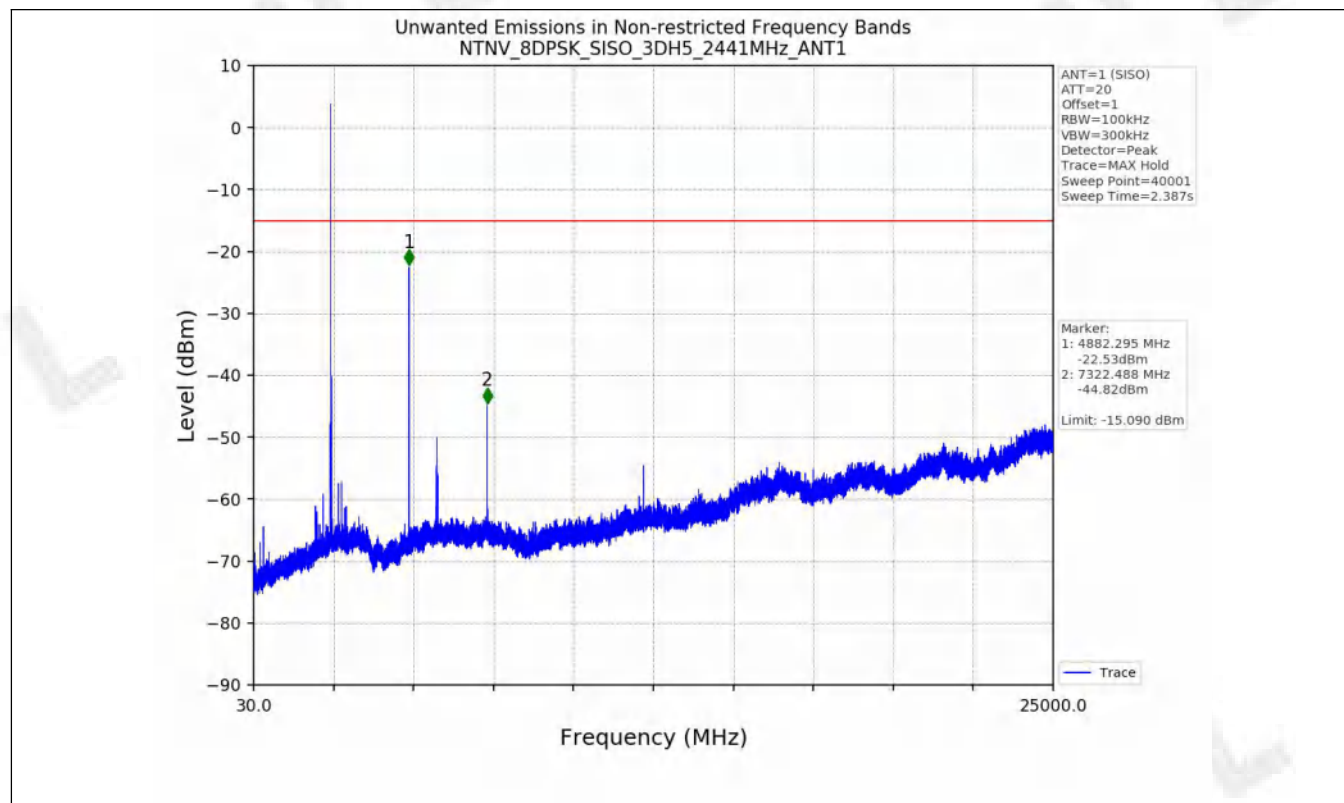


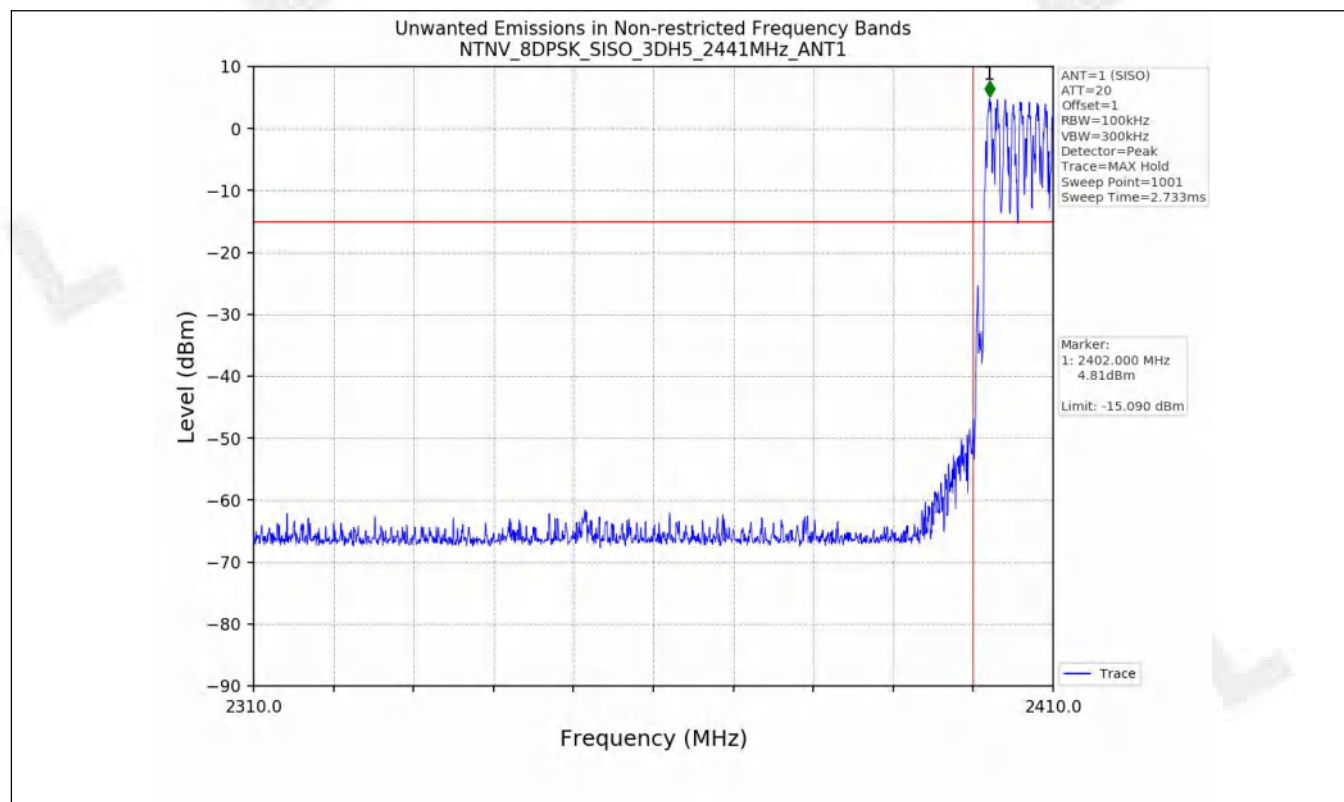
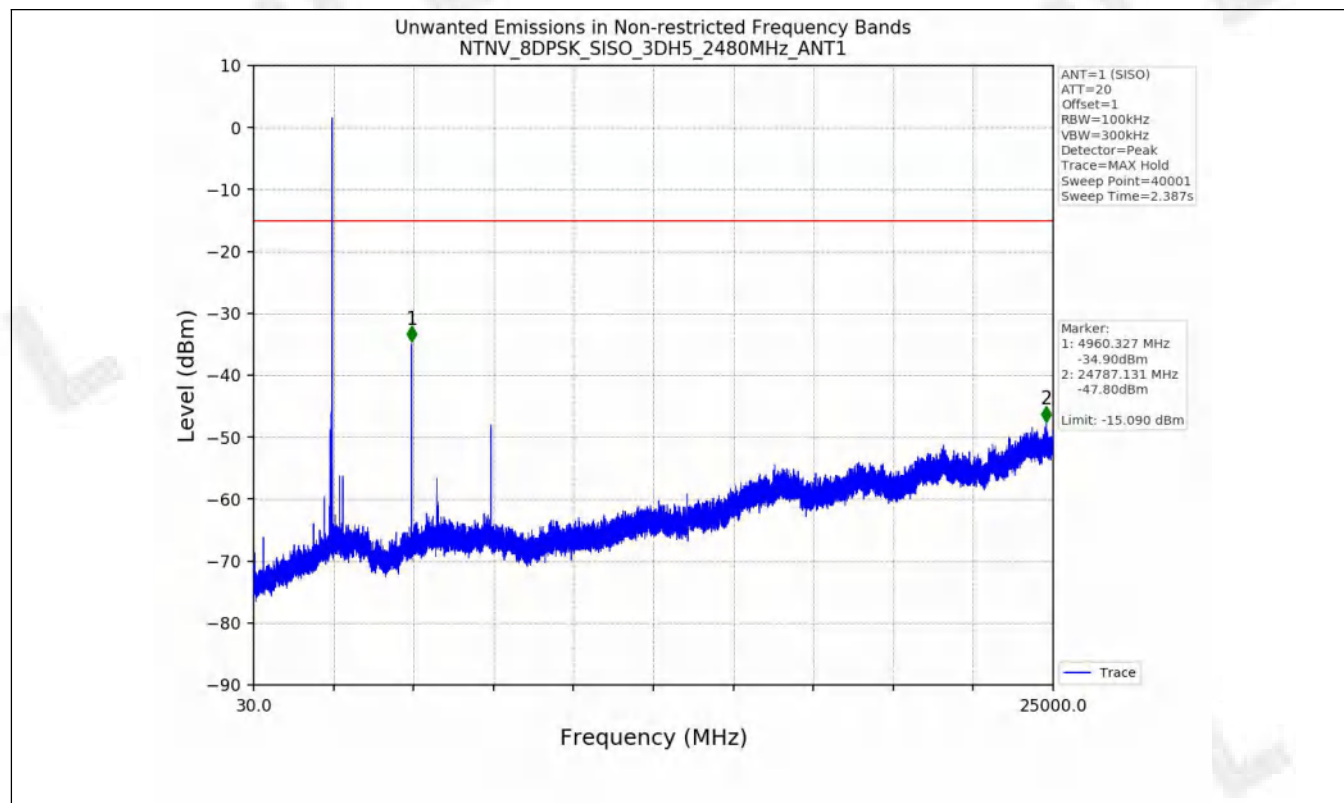


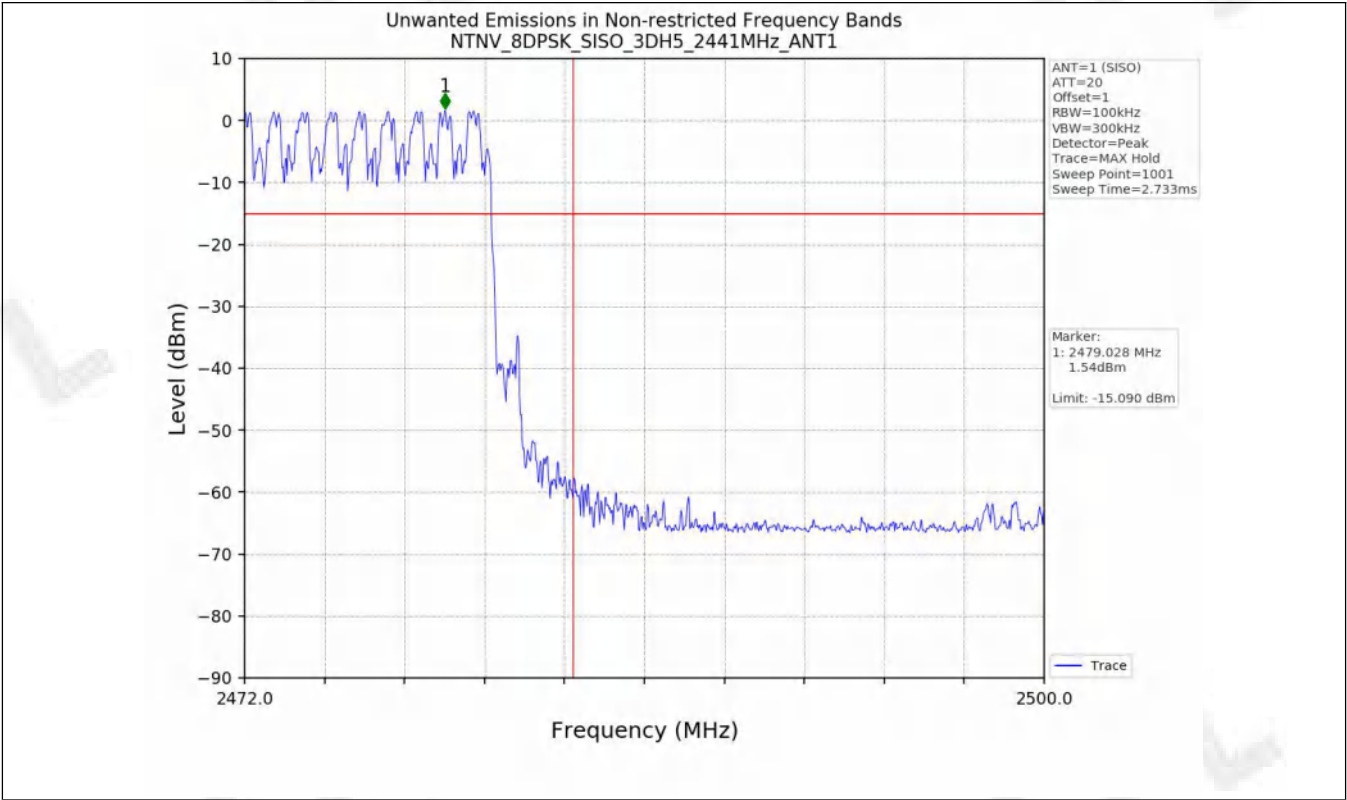












7. Frequency Error

7.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
GFSK	2402	SISO	1	2402.00	2400-2483.5	PASS
	2441	SISO	1	2441.01	2400-2483.5	PASS
	2480	SISO	1	2480.01	2400-2483.5	PASS
Pi/4DQPSK	2402	SISO	1	2402.00	2400-2483.5	PASS
	2441	SISO	1	2441.01	2400-2483.5	PASS
	2480	SISO	1	2480.01	2400-2483.5	PASS

7.2 Test Graph

