

Appendix for 15.247

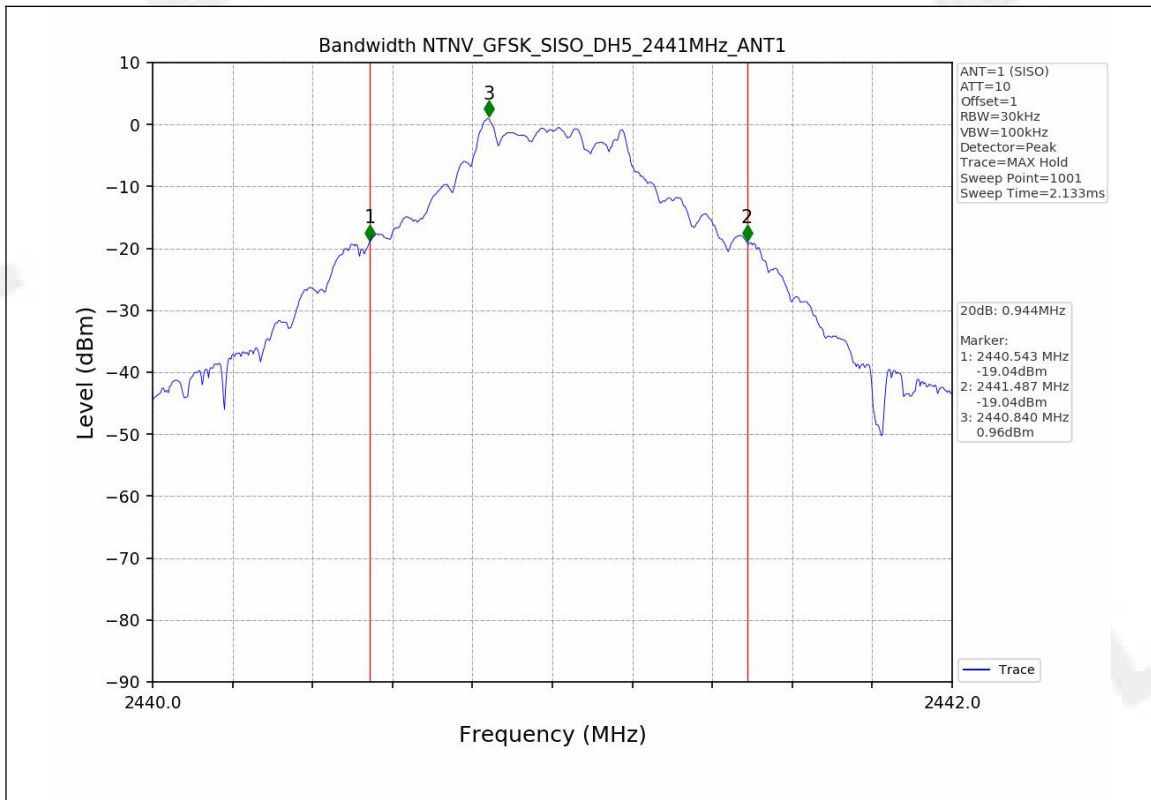
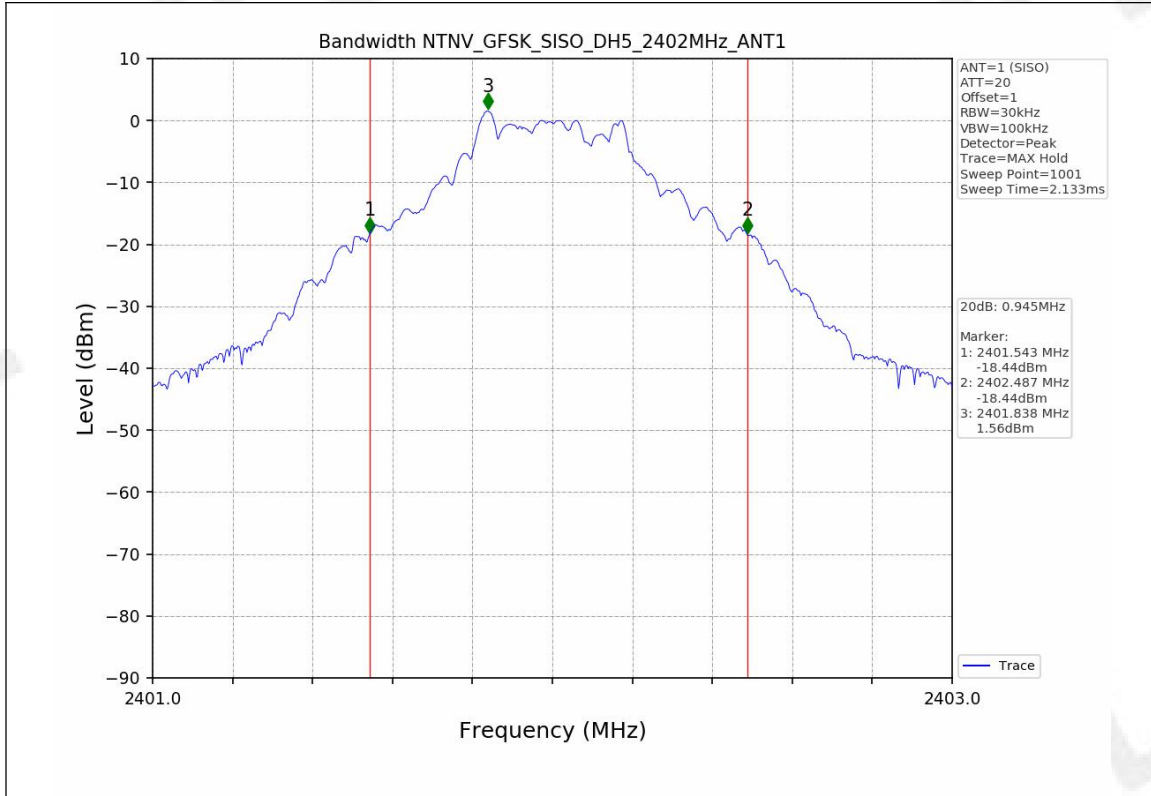
1. Bandwidth

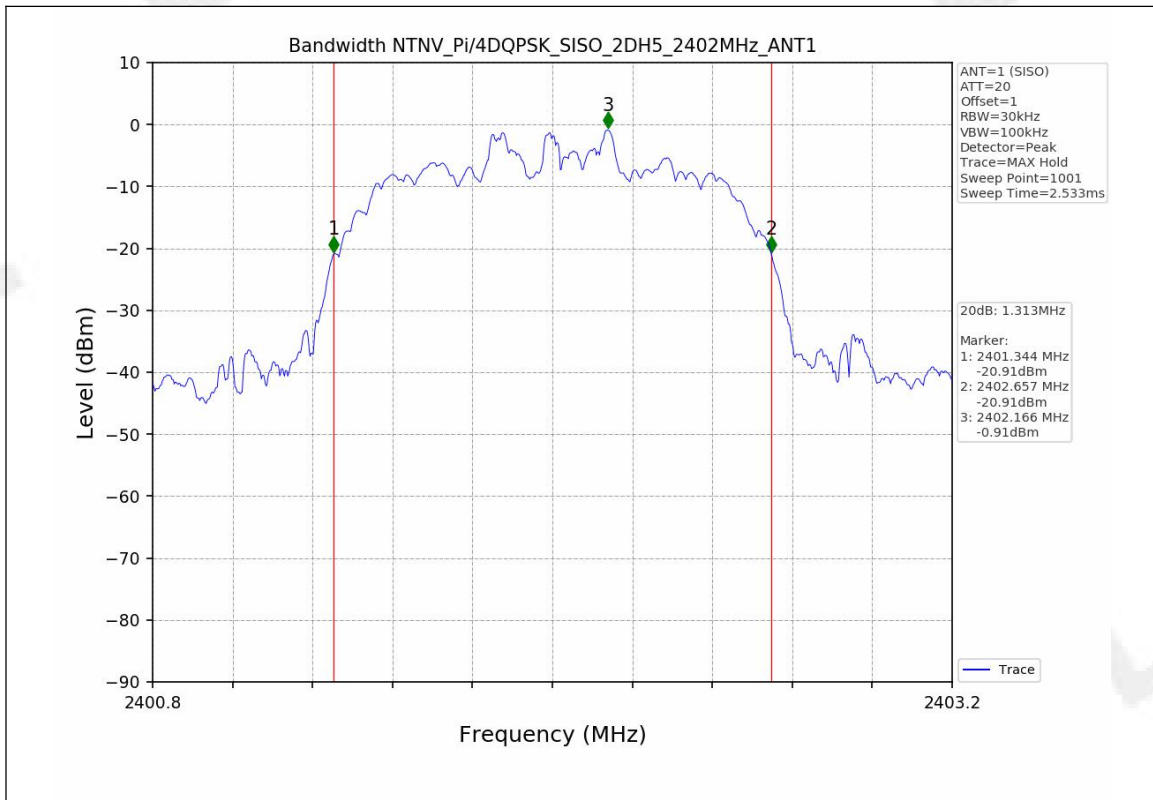
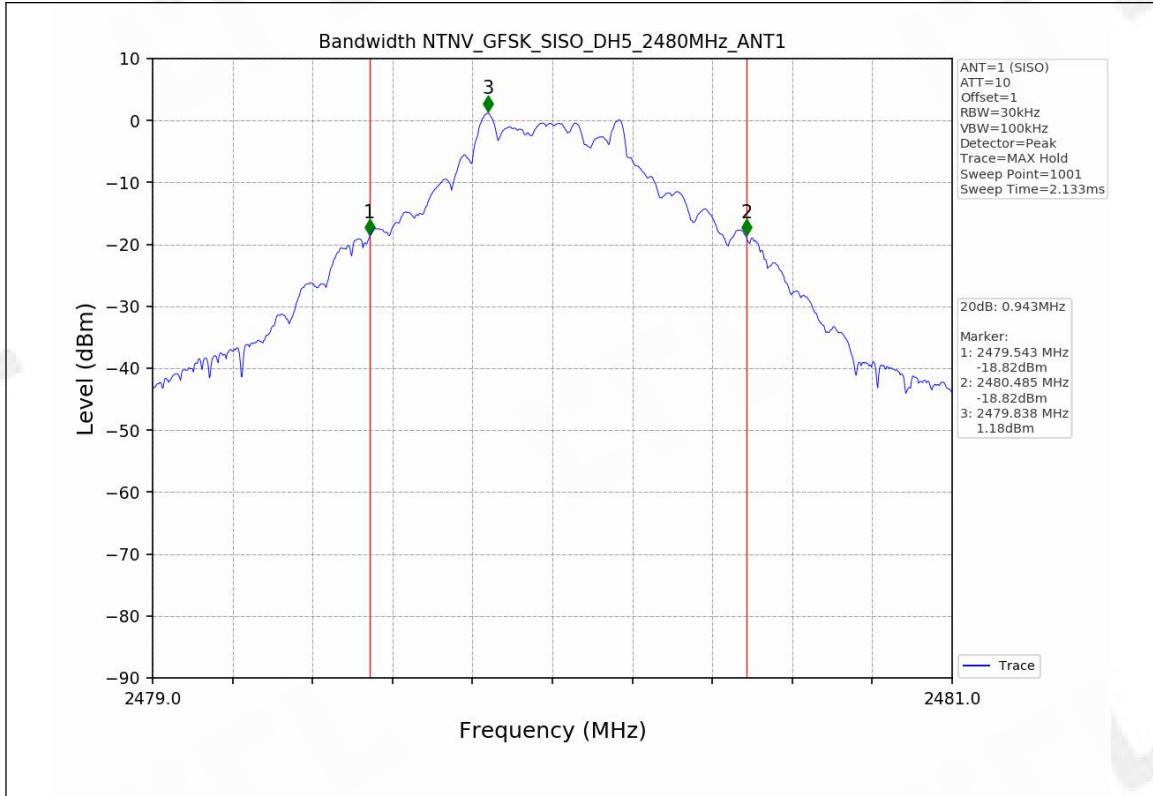
1.1 Test Result

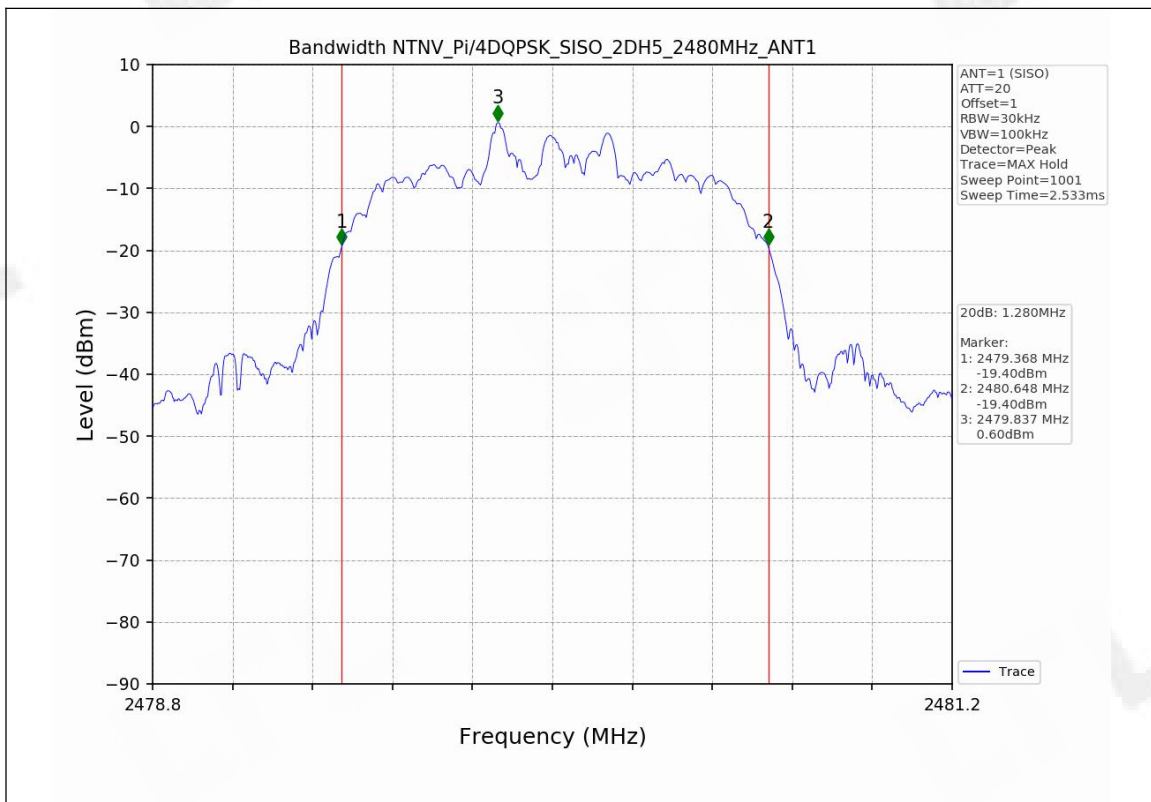
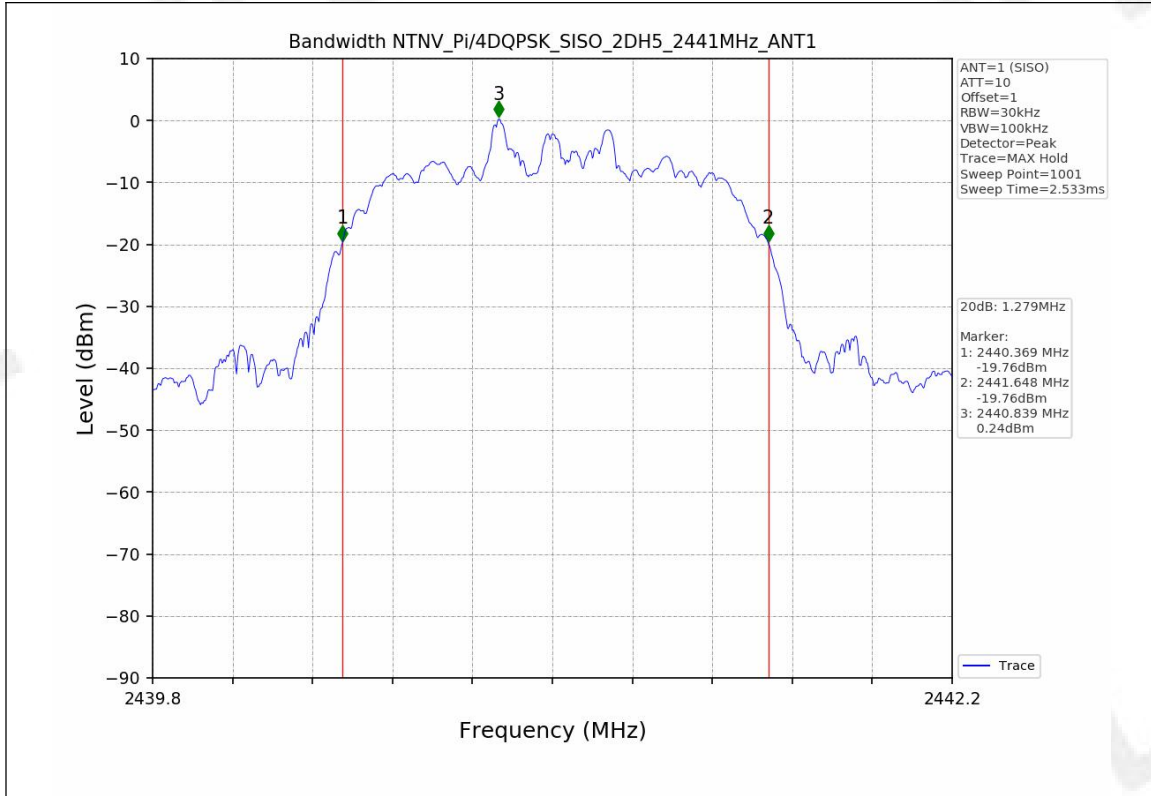
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.945	PASS
	2441	SISO	1	0.944	PASS
	2480	SISO	1	0.943	PASS
Pi/4DQPSK	2402	SISO	1	1.313	PASS
	2441	SISO	1	1.279	PASS
	2480	SISO	1	1.280	PASS
8DPSK	2402	SISO	1	1.292	PASS
	2441	SISO	1	1.290	PASS
	2480	SISO	1	1.294	PASS

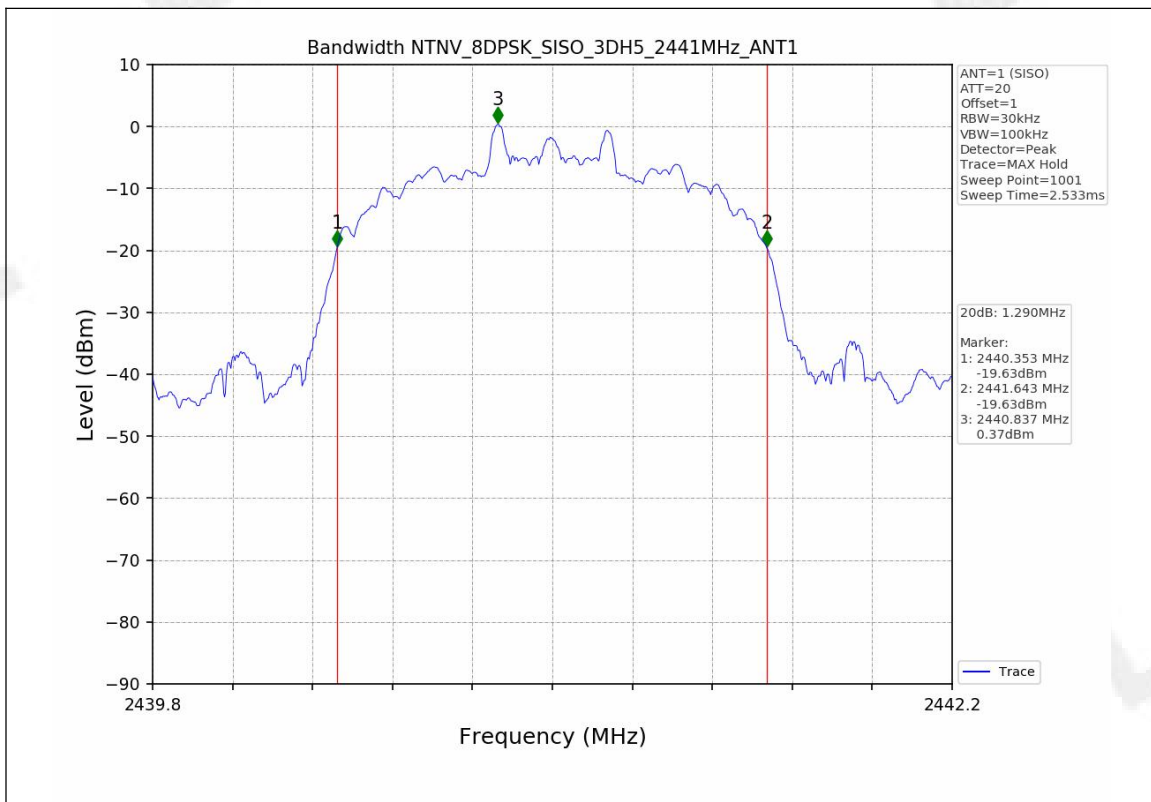
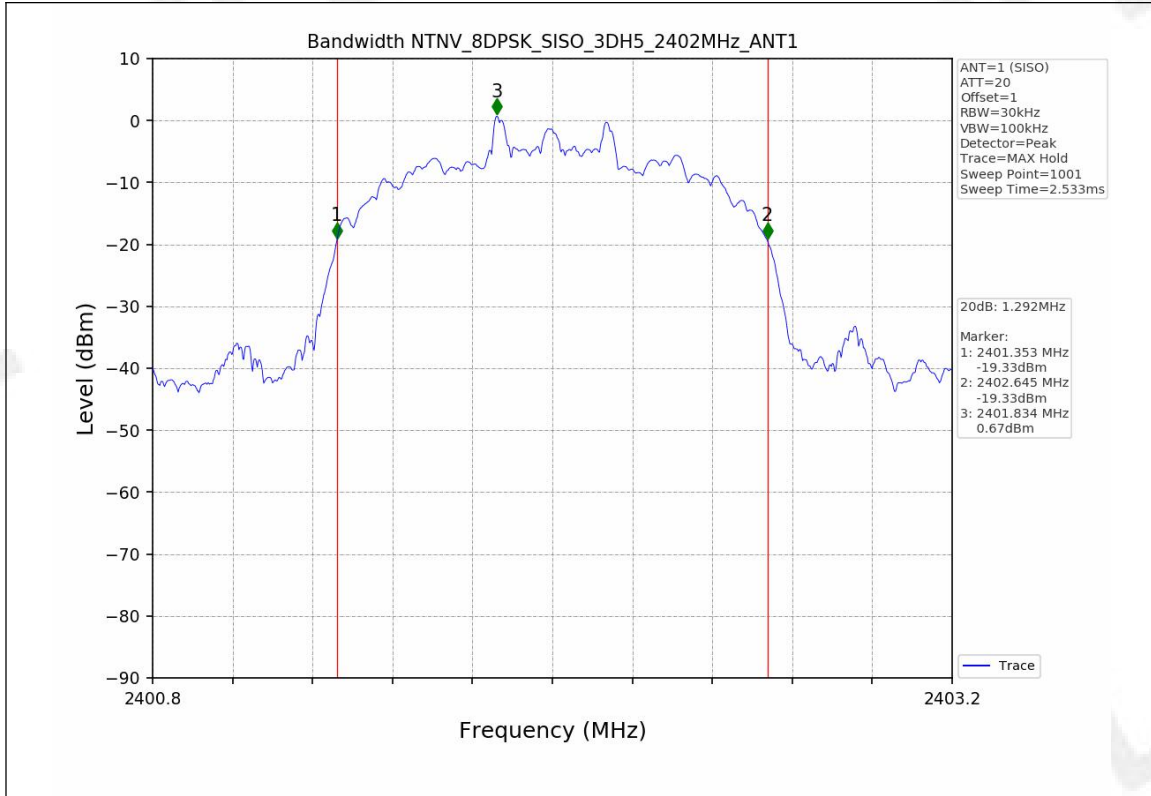
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.867	Only for Report Use
	2441	SISO	1	0.868	Only for Report Use
	2480	SISO	1	0.859	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.178	Only for Report Use
	2441	SISO	1	1.174	Only for Report Use
	2480	SISO	1	1.180	Only for Report Use
8DPSK	2402	SISO	1	1.181	Only for Report Use
	2441	SISO	1	1.181	Only for Report Use
	2480	SISO	1	1.185	Only for Report Use

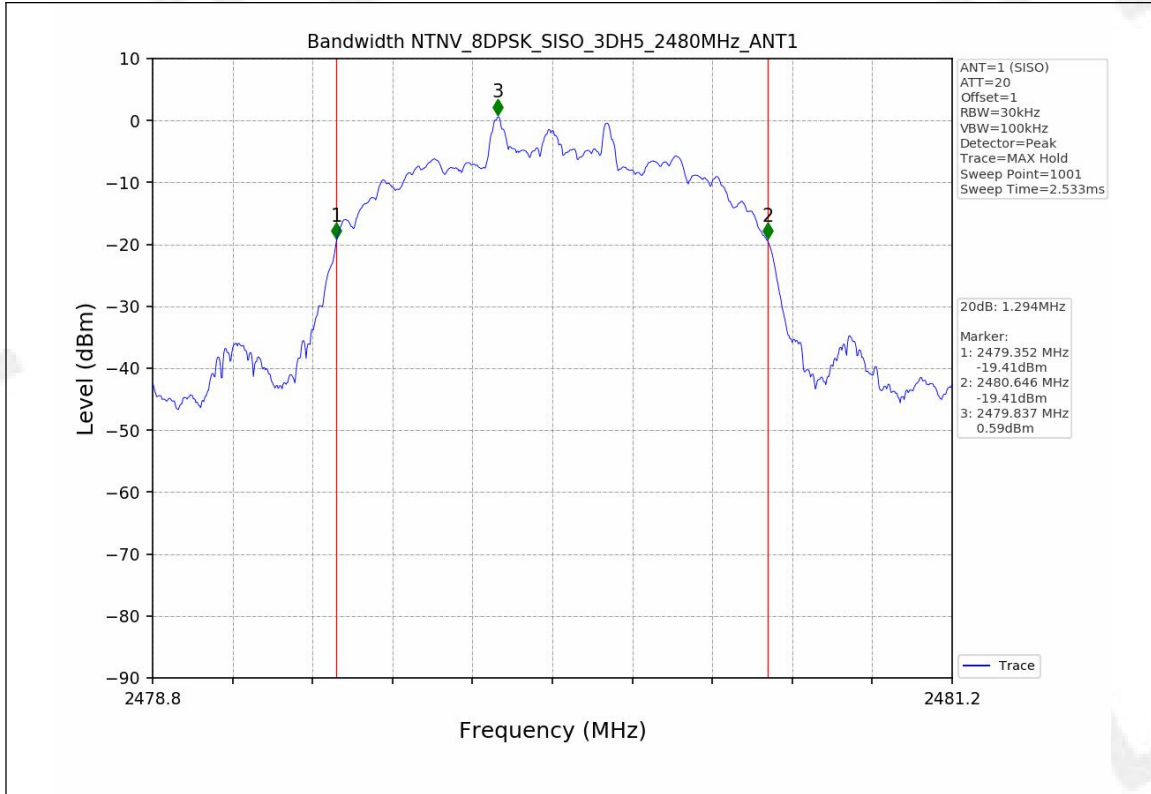
1.2 Test Graph - 20dB Bandwidth



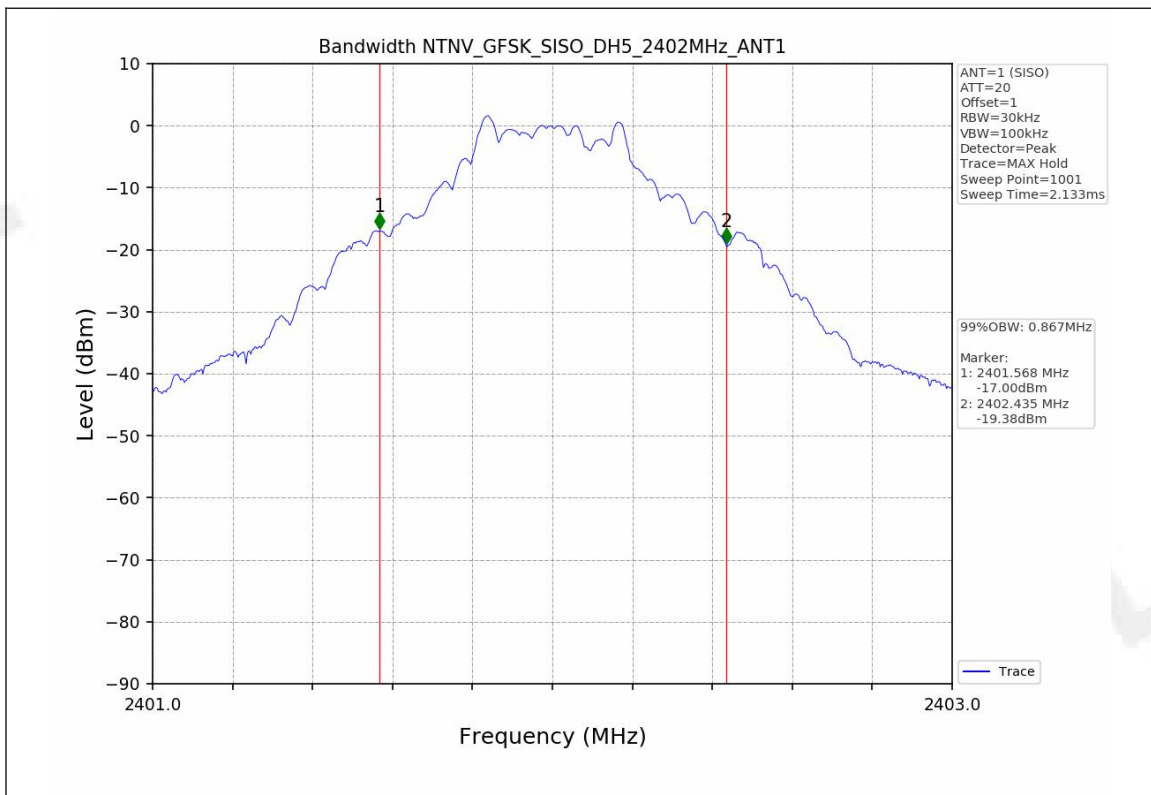


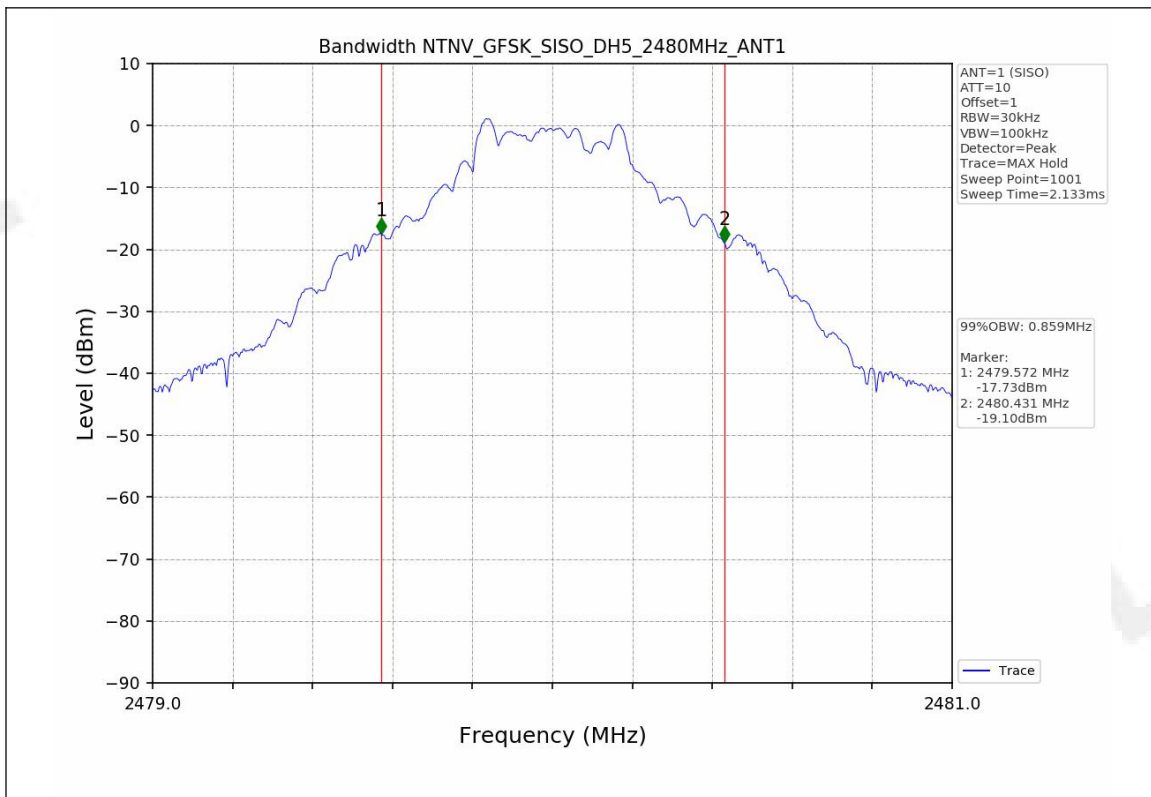
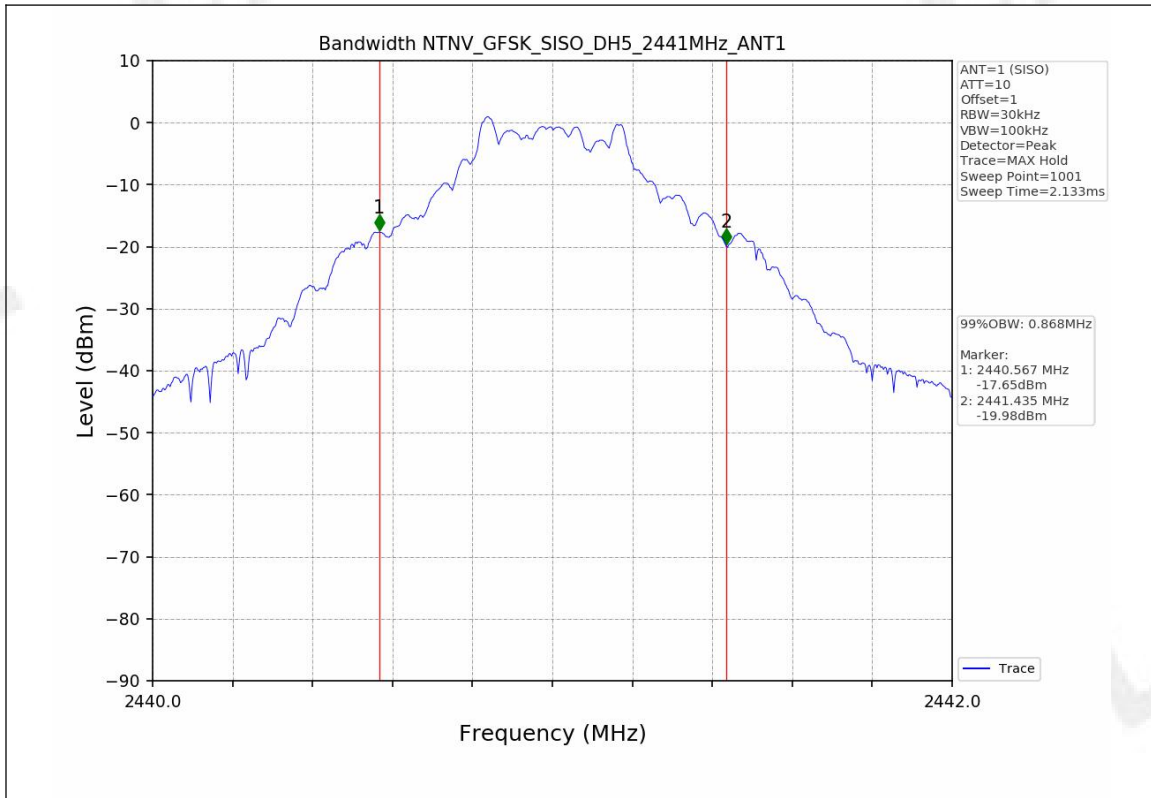


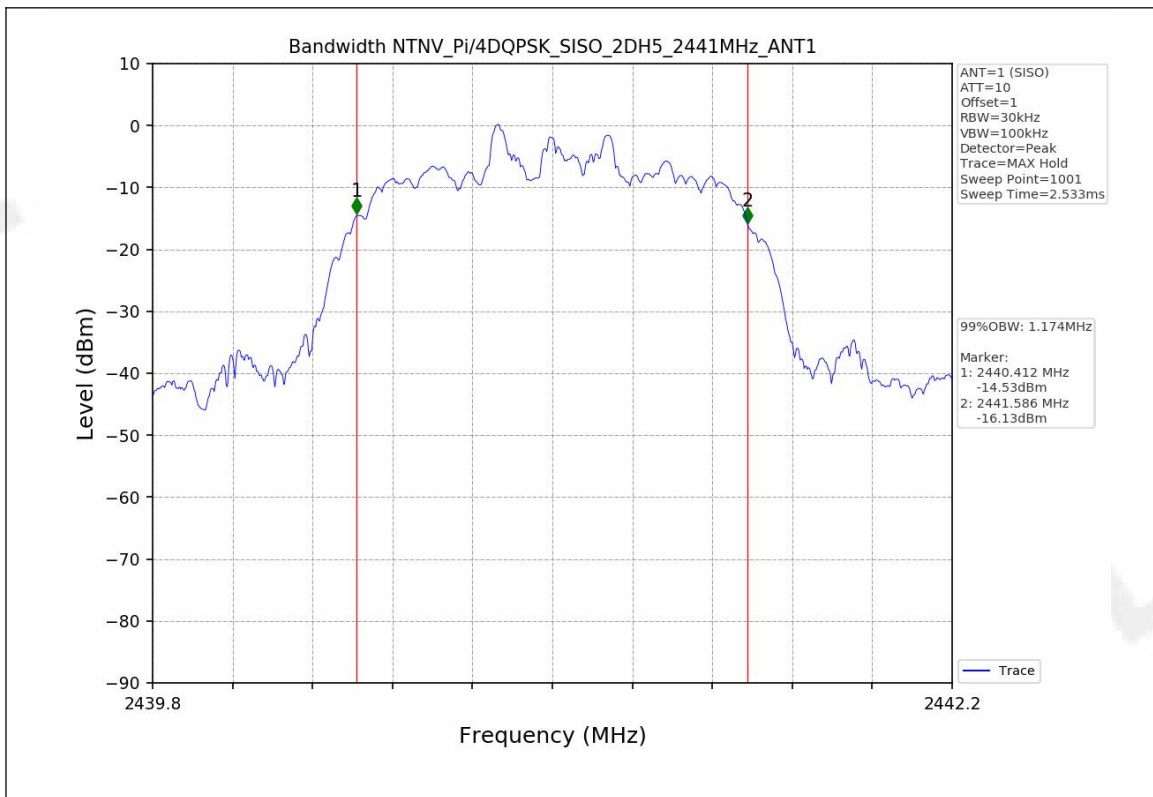
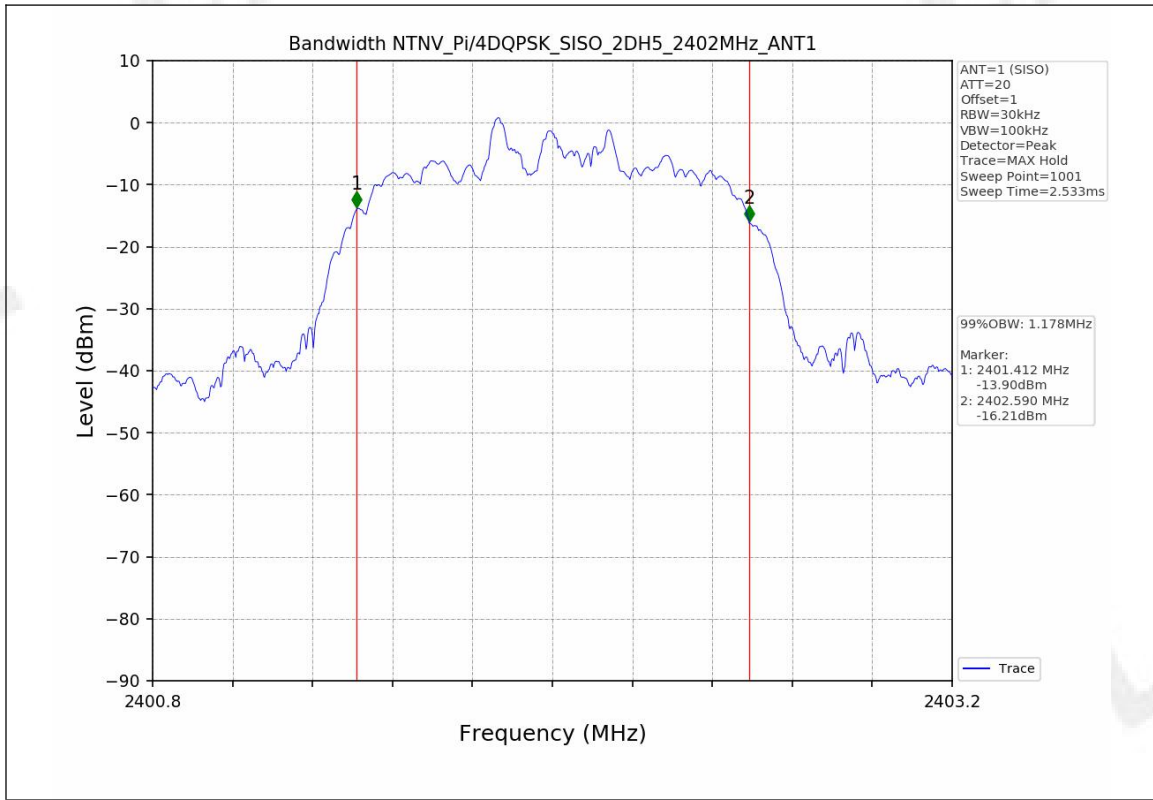


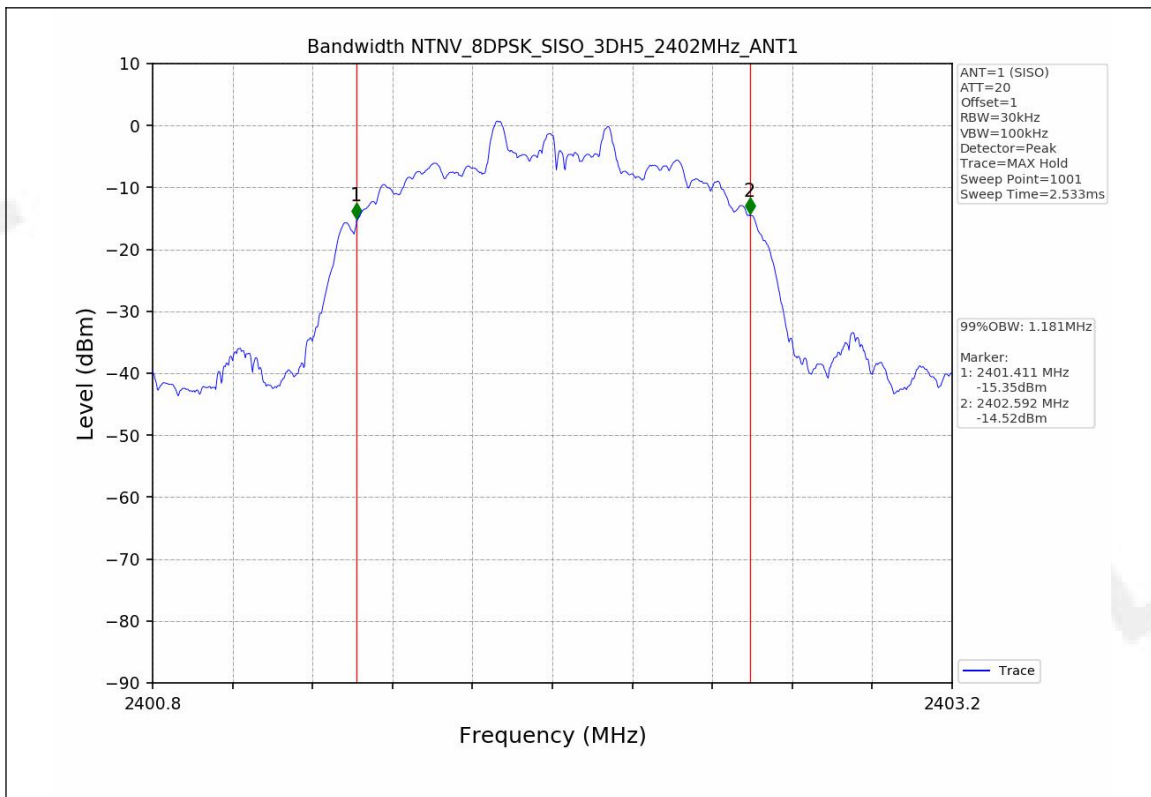
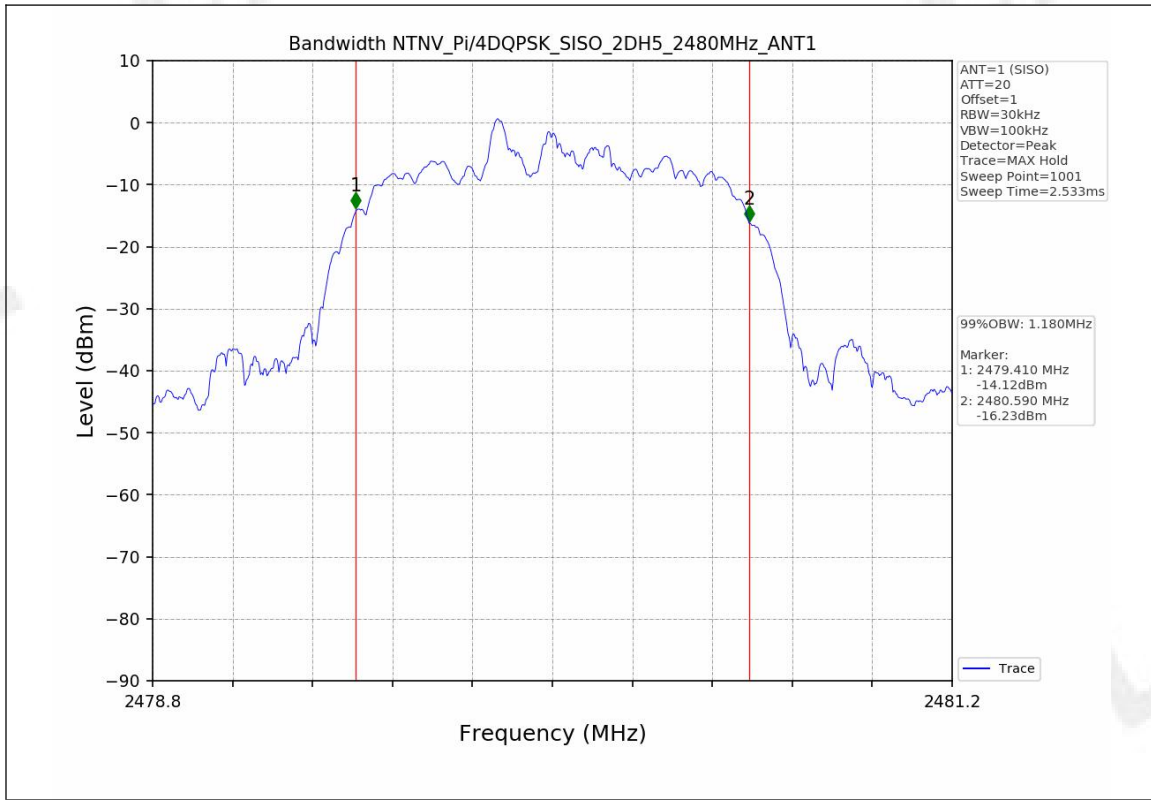


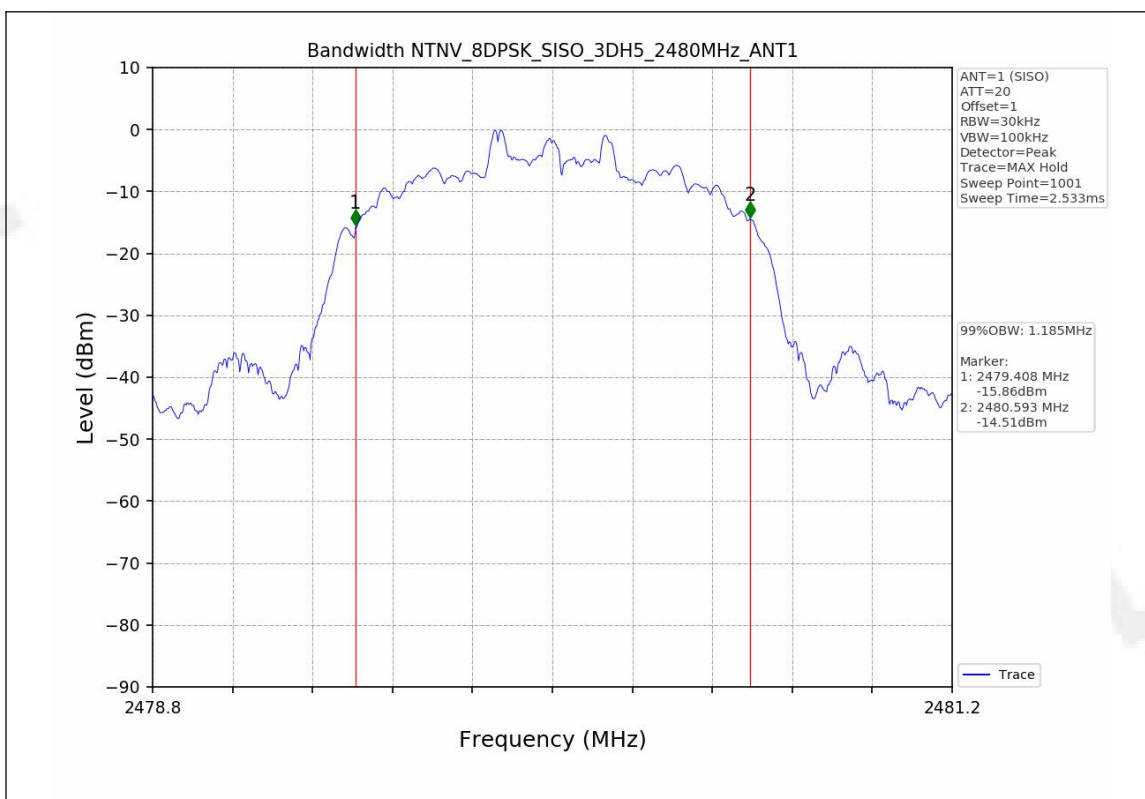
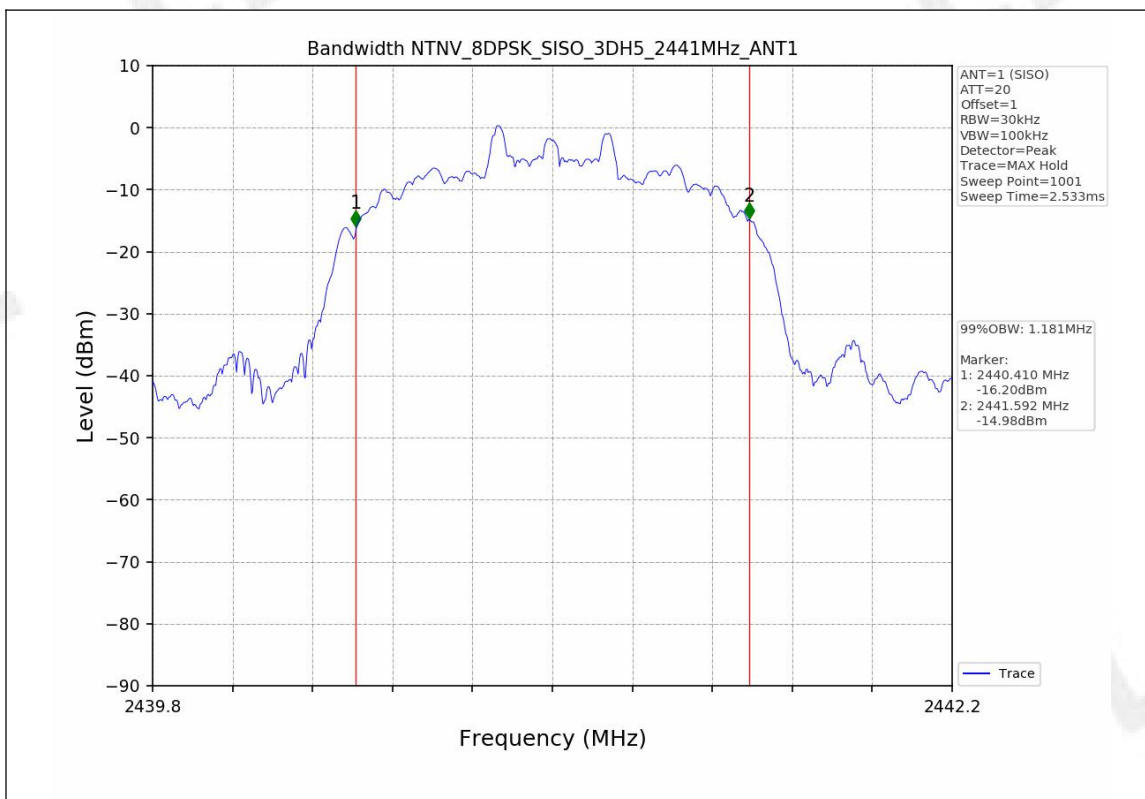
1.3 Test Graph - 99% Occupied Bandwidth









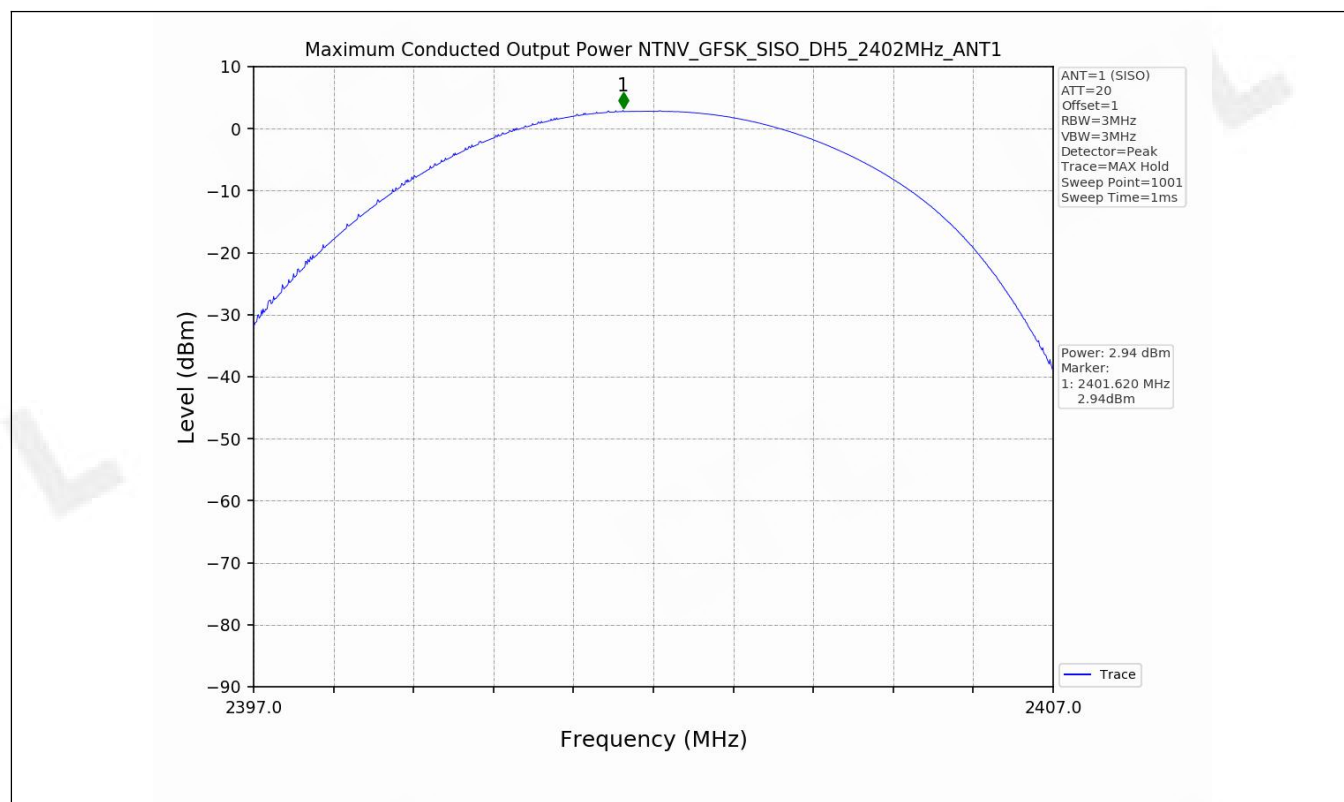


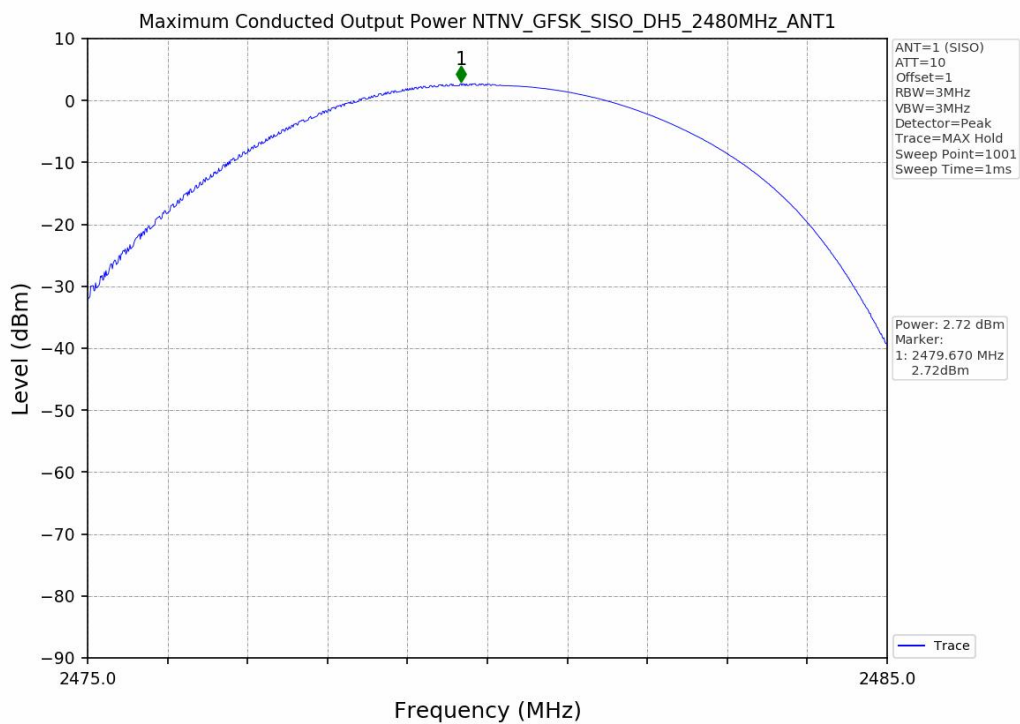
2. Maximum Conducted Output Power

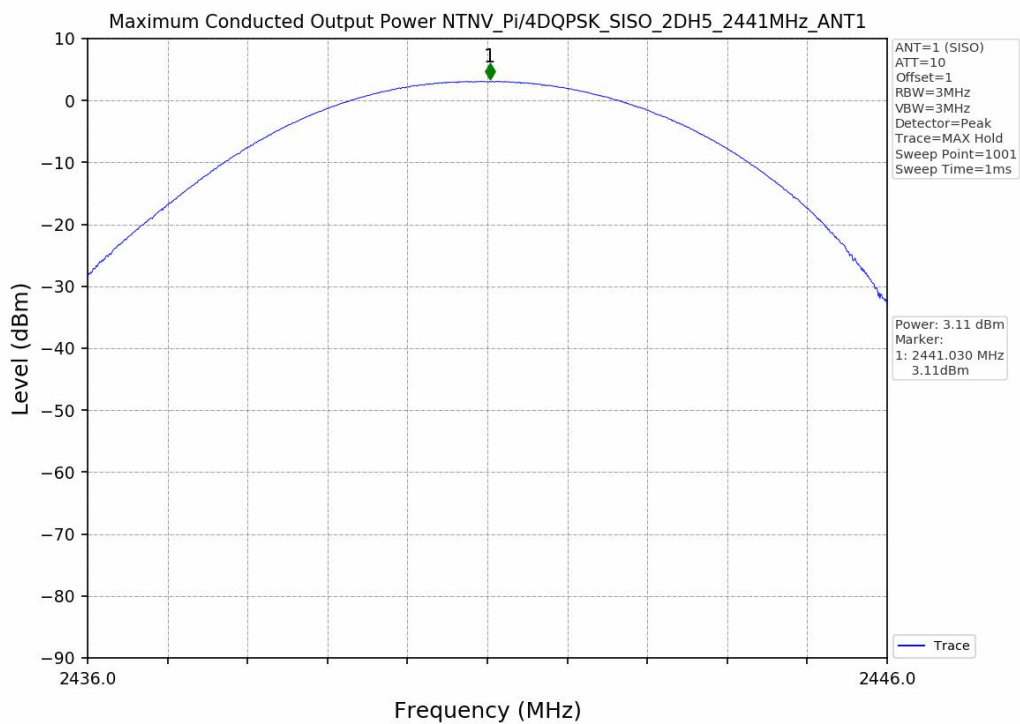
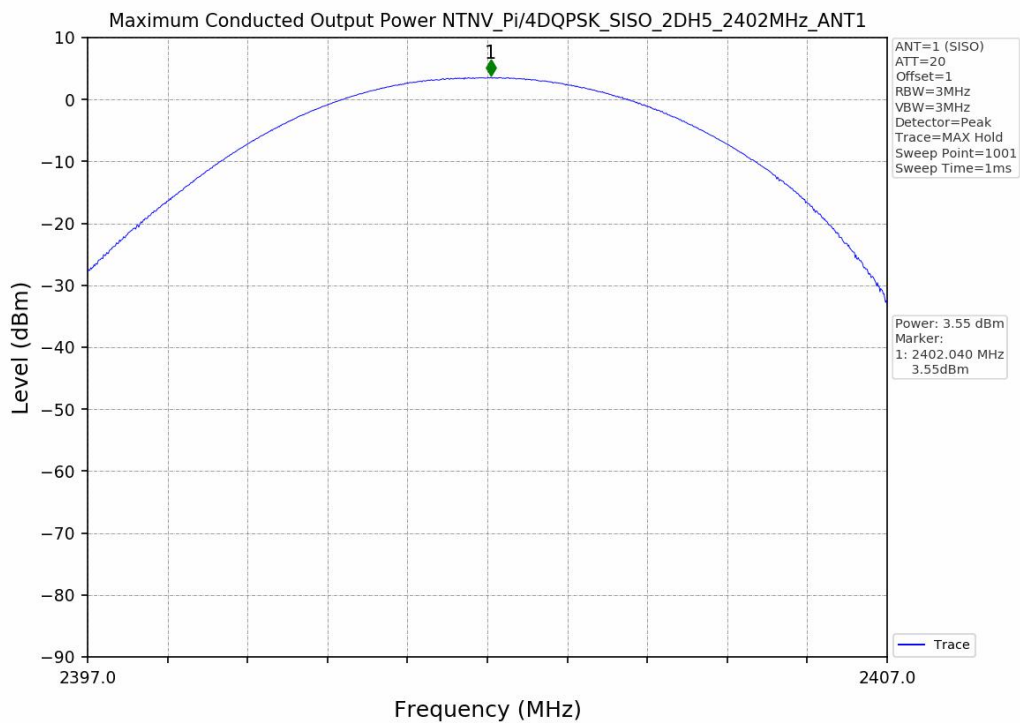
2.1 Test Result

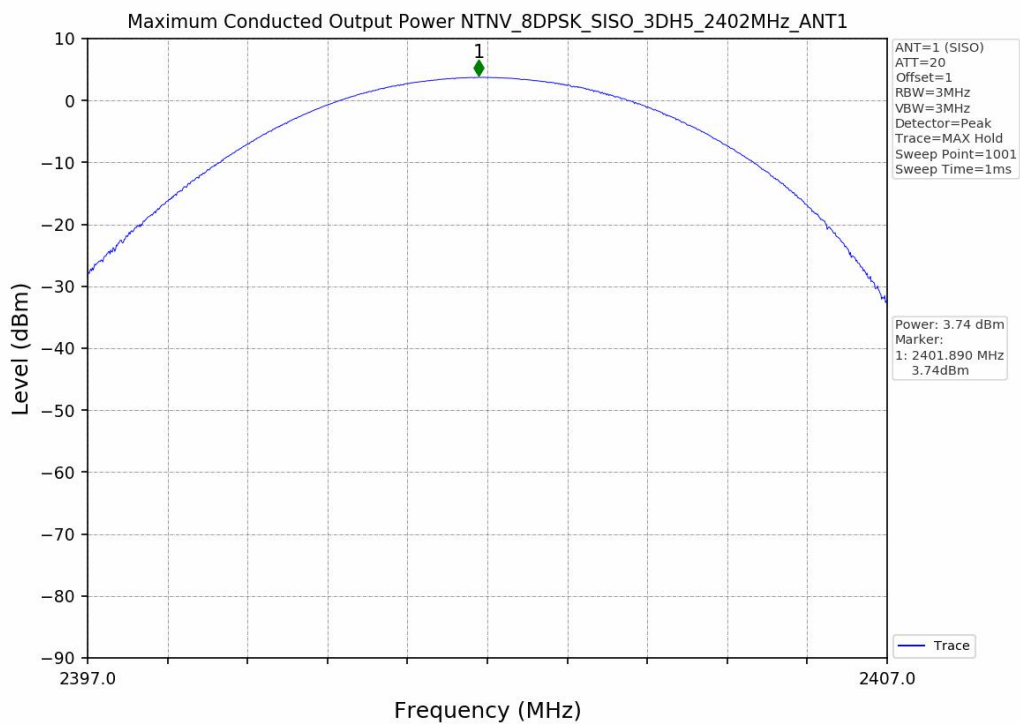
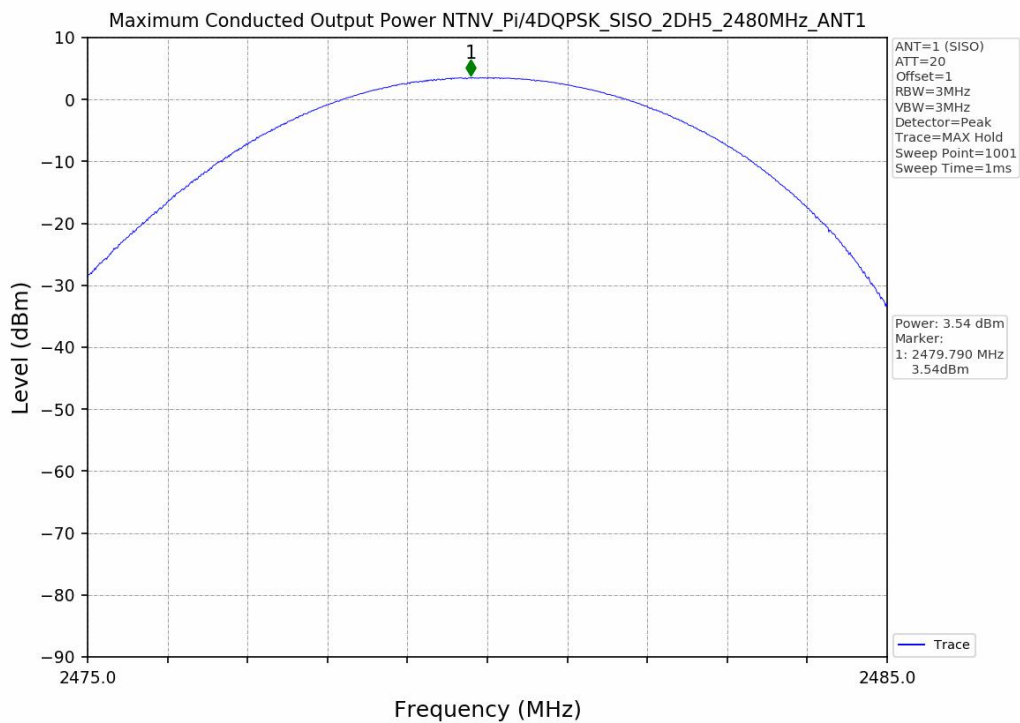
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	2.94	30	PASS
	2441	SISO	2.46	30	PASS
	2480	SISO	2.72	30	PASS
Pi/4DQPSK	2402	SISO	3.55	20.97	PASS
	2441	SISO	3.11	20.97	PASS
	2480	SISO	3.54	20.97	PASS
8DPSK	2402	SISO	3.74	20.97	PASS
	2441	SISO	3.40	20.97	PASS
	2480	SISO	3.78	20.97	PASS

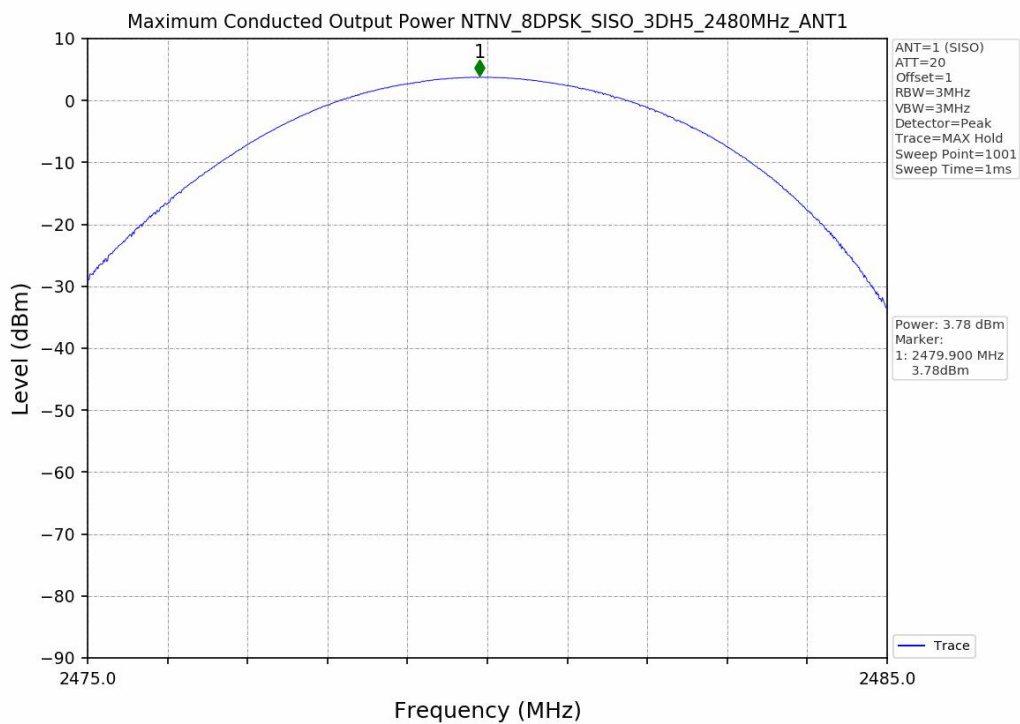
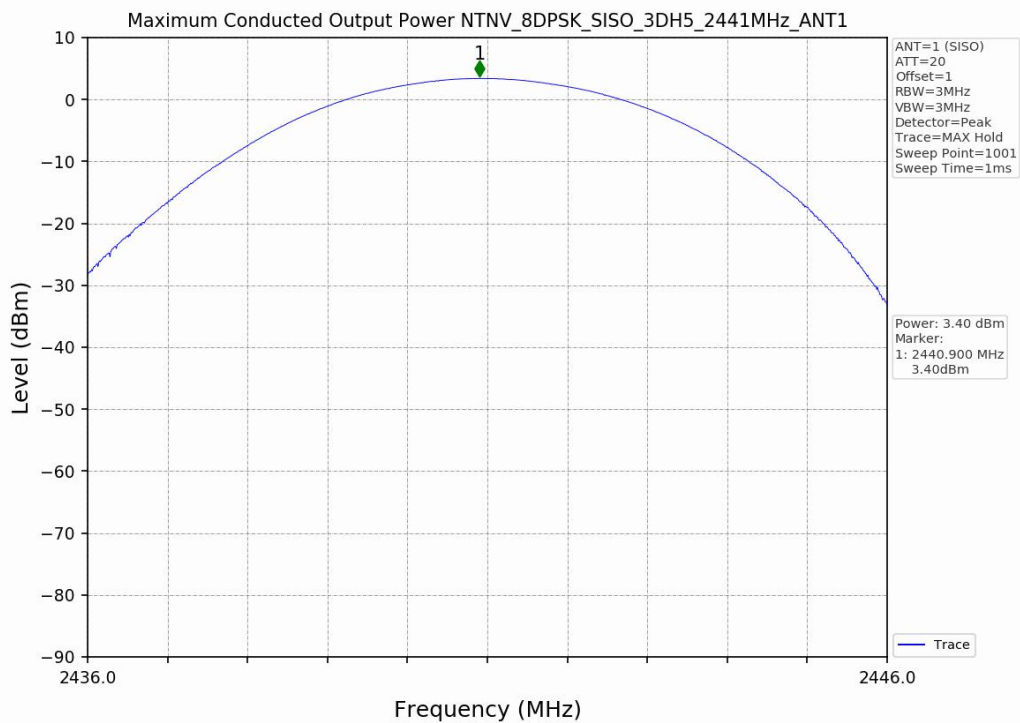
2.2 Test Graph









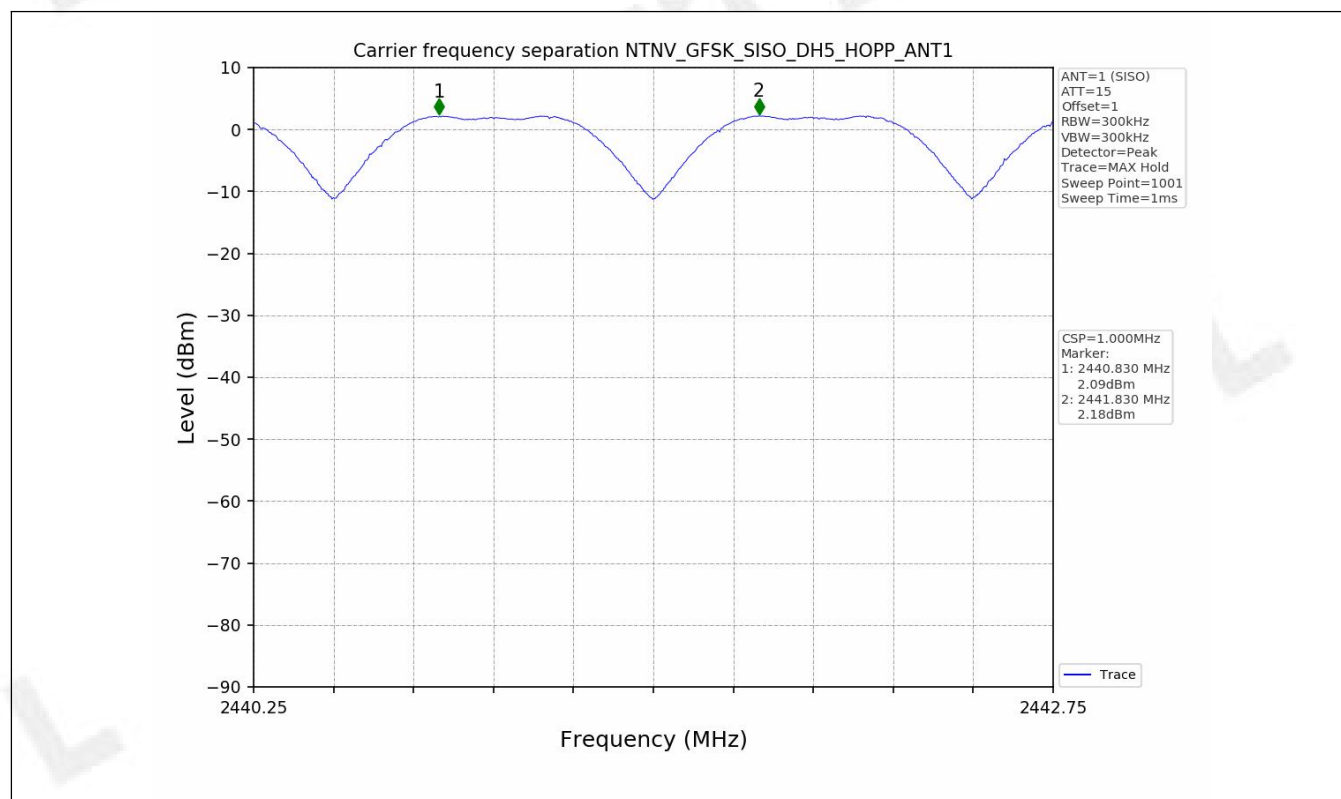


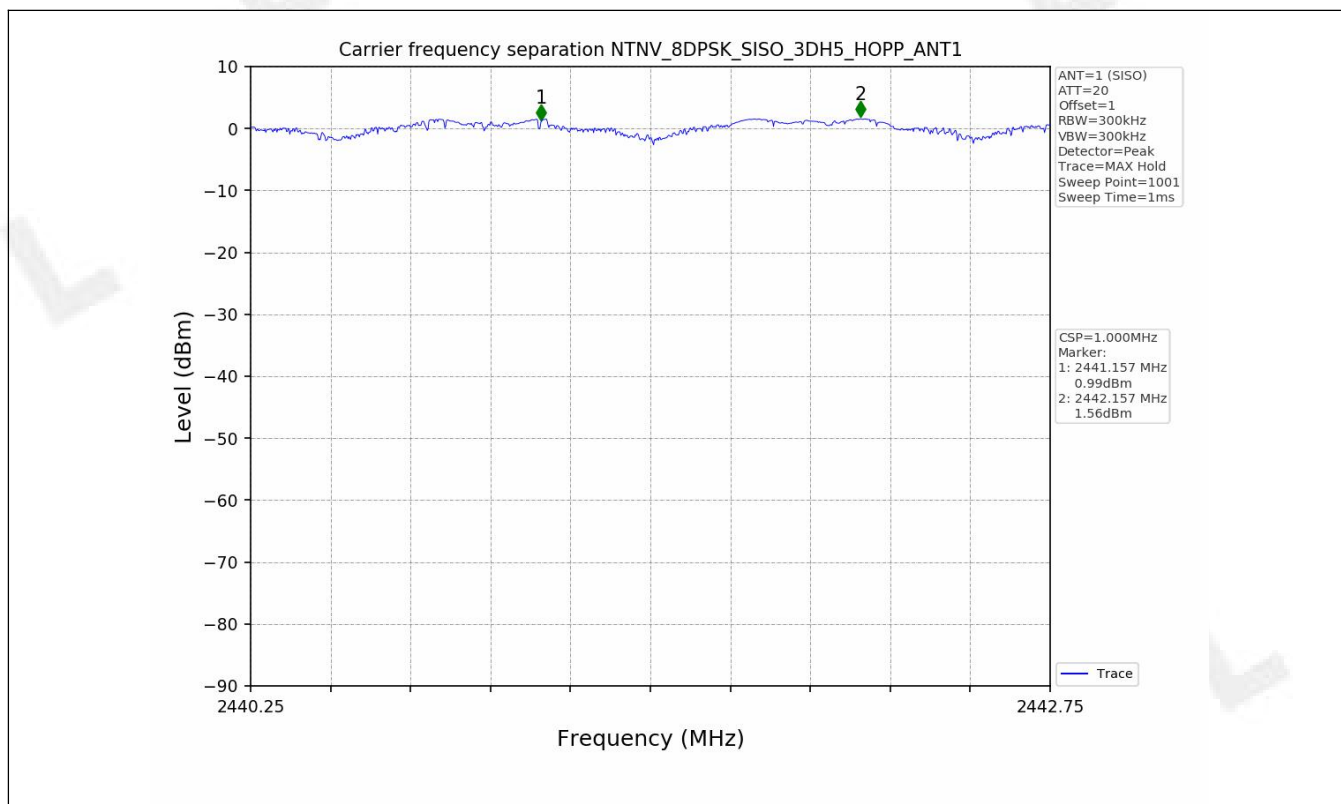
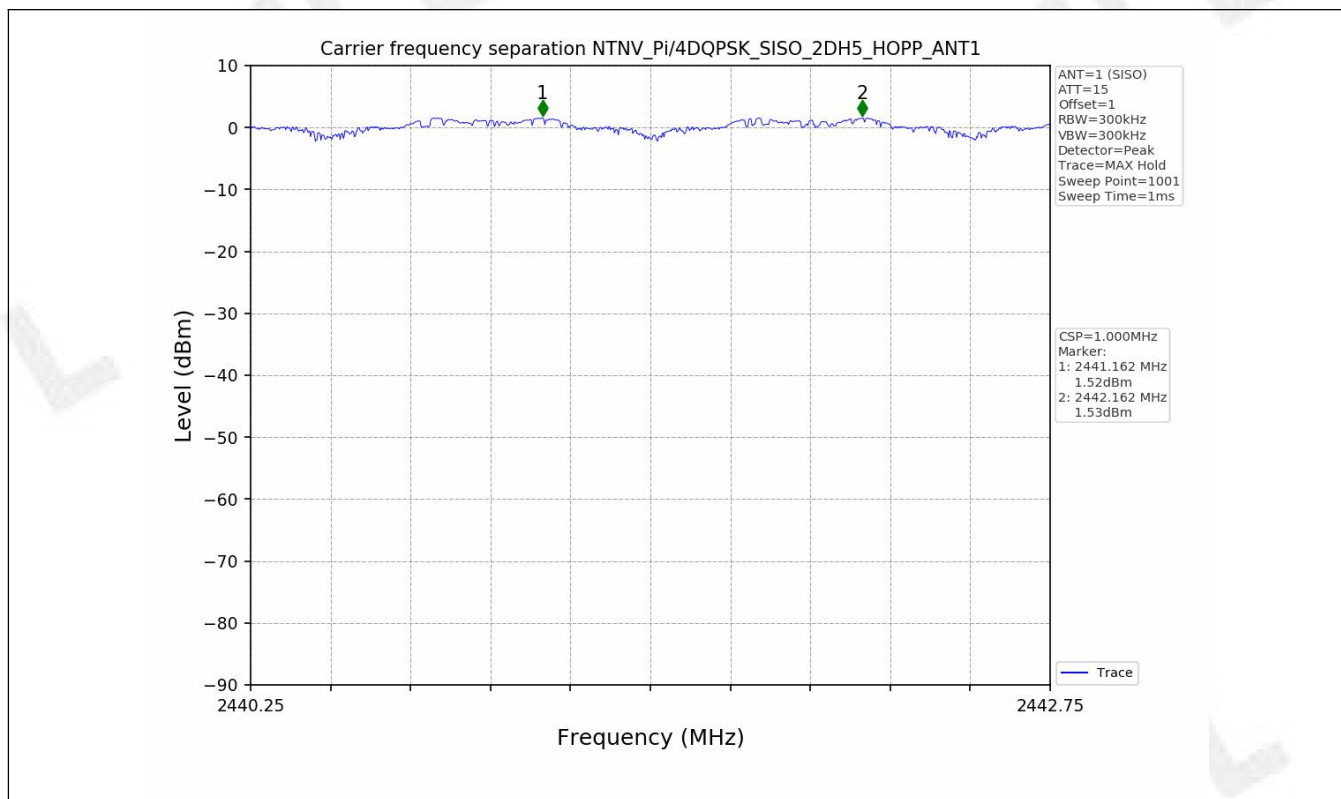
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	0.945	≥ 0.945	PASS
Pi/4DQPSK	SISO	1	1.000	1.313	≥ 0.875	PASS
8DPSK	SISO	1	1.000	1.294	≥ 0.863	PASS

3.2 Test Graph



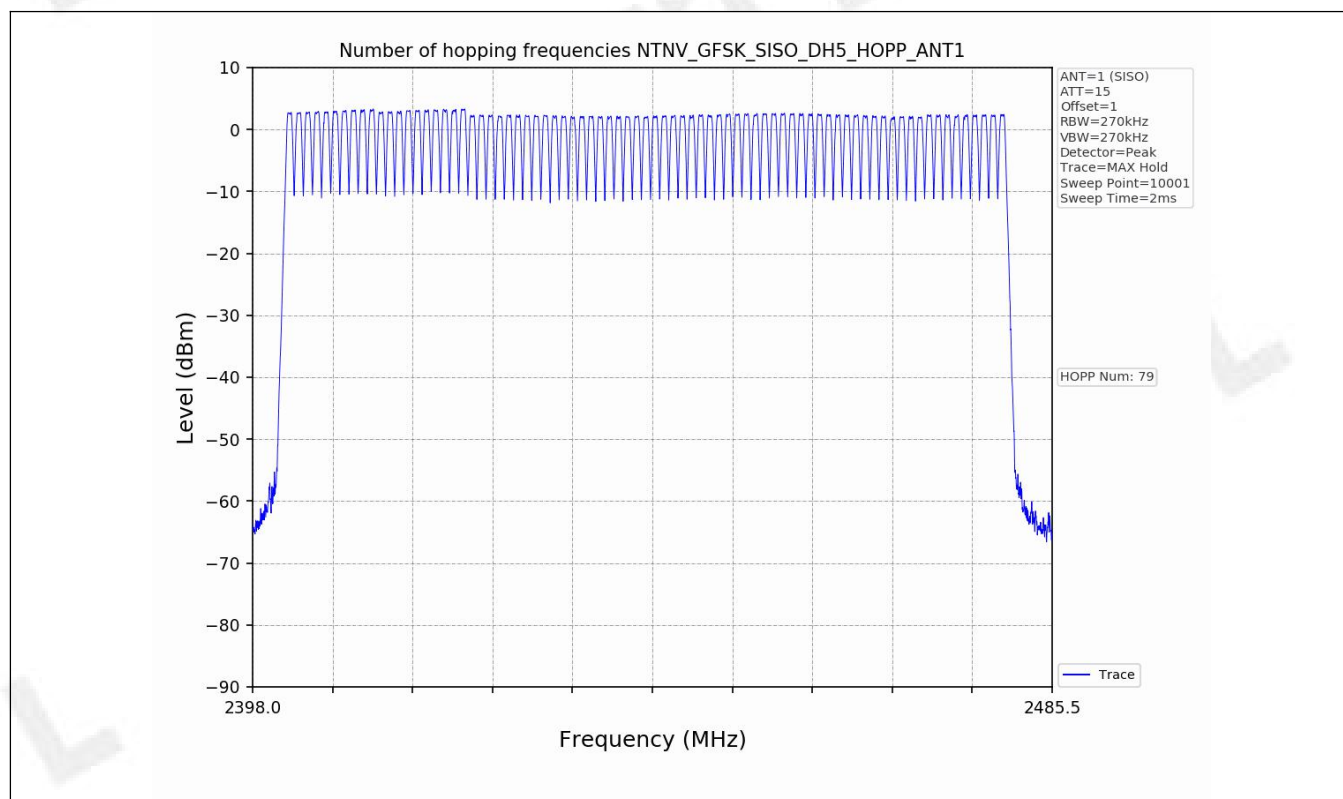


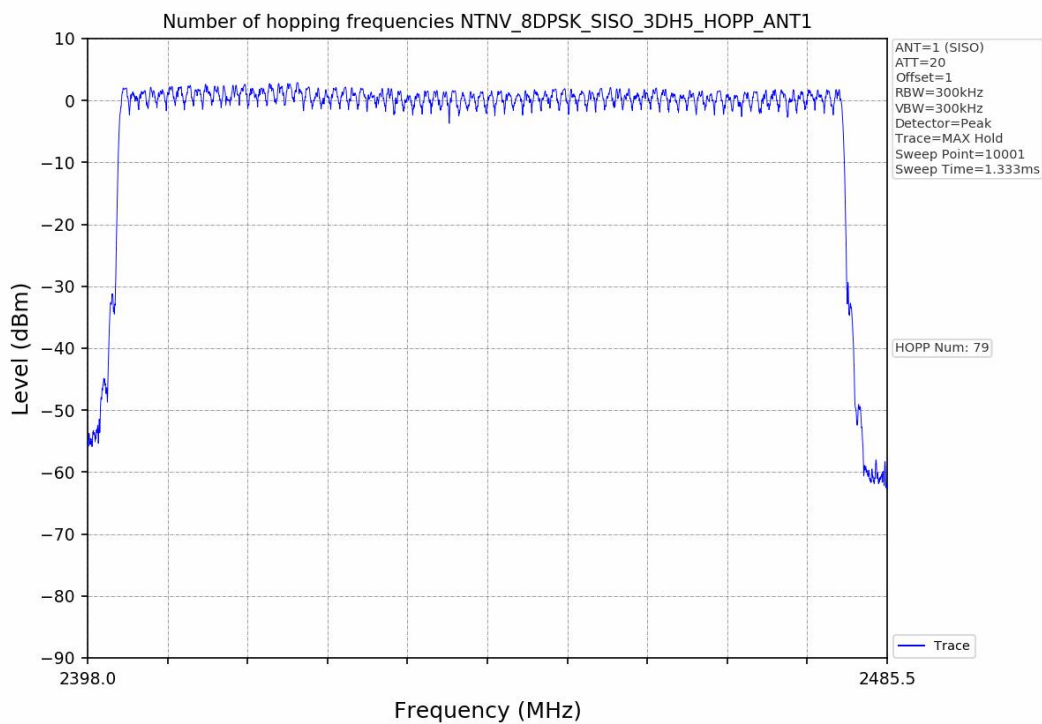
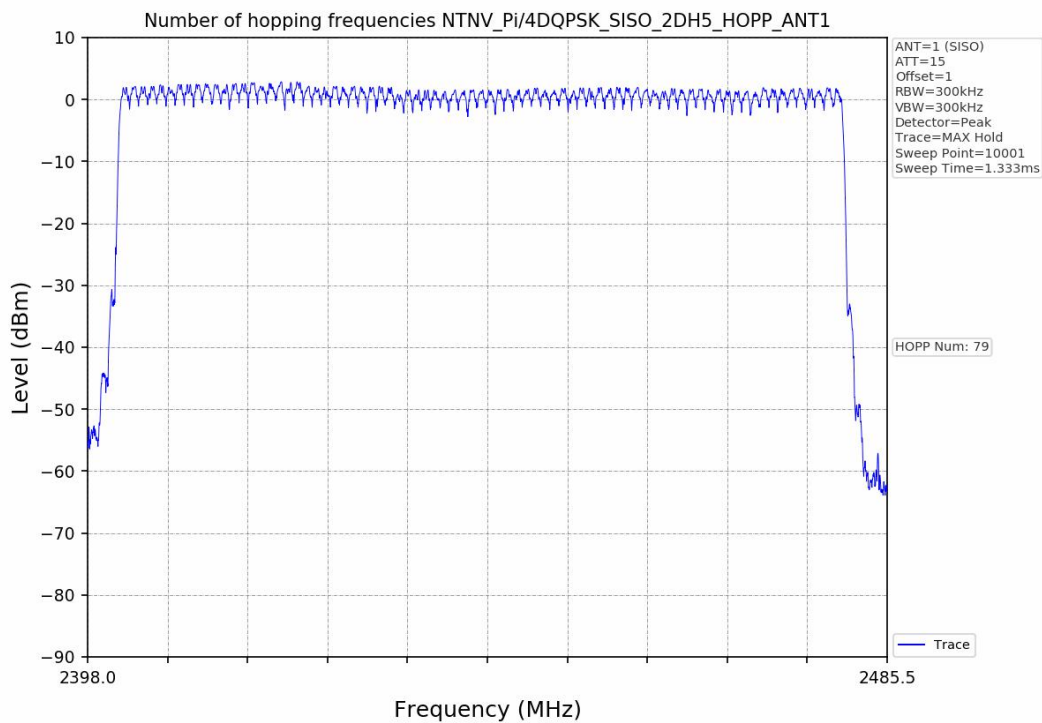
4. Number of hopping frequencies

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	0.406	31.6	320	129.920	≤400	PASS
	DH3	SISO	1	1.661	31.6	164	272.404	≤400	PASS
	DH5	SISO	1	2.909	31.6	106	308.354	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.399	31.6	320	127.680	≤400	PASS
	2DH3	SISO	1	1.667	31.6	151	251.717	≤400	PASS
	2DH5	SISO	1	2.844	31.6	112	318.528	≤400	PASS
8DPSK	3DH1	SISO	1	0.398	31.6	321	127.758	≤400	PASS
	3DH3	SISO	1	1.648	31.6	154	253.792	≤400	PASS
	3DH5	SISO	1	2.900	31.6	97	281.300	≤400	PASS

5.2 Test Graph

