

Appendix for 15.247

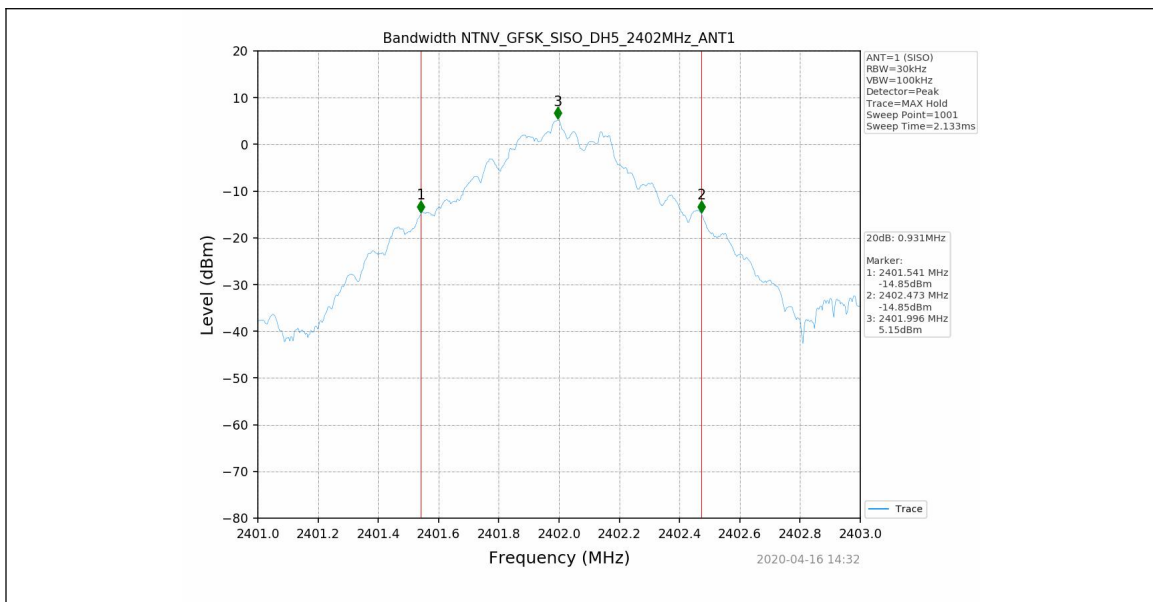
1. Bandwidth

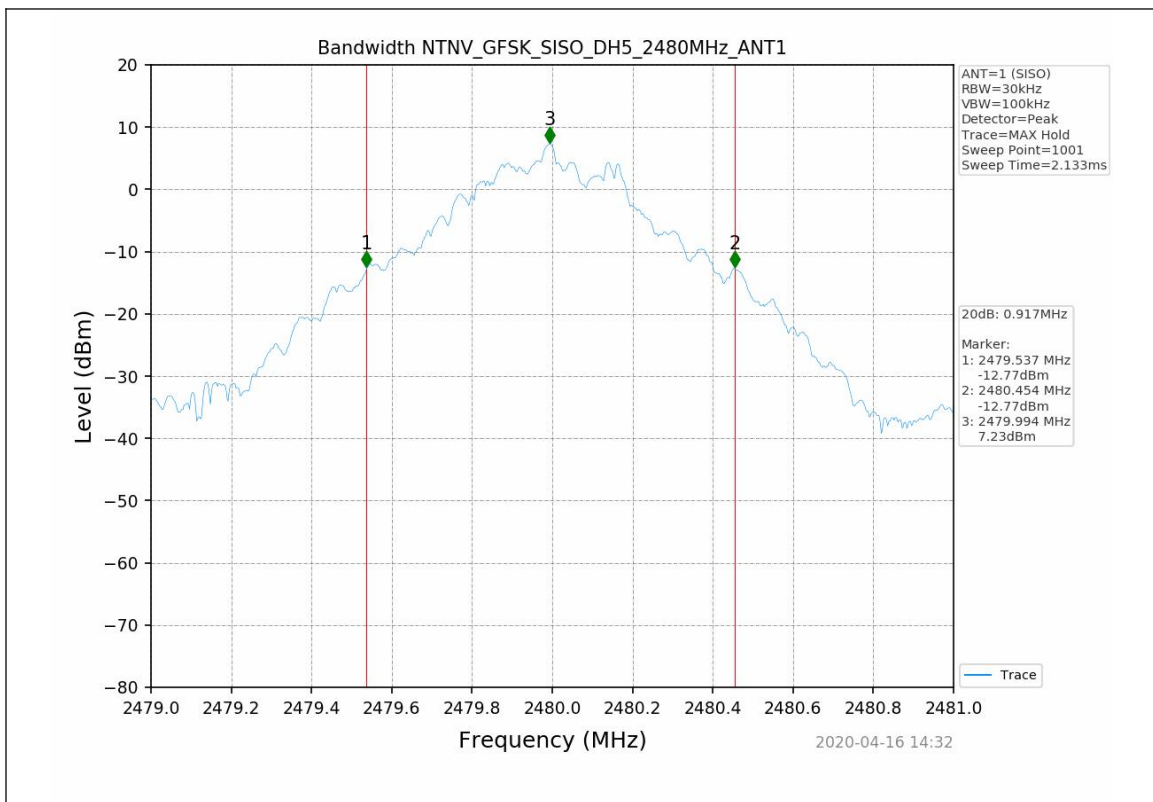
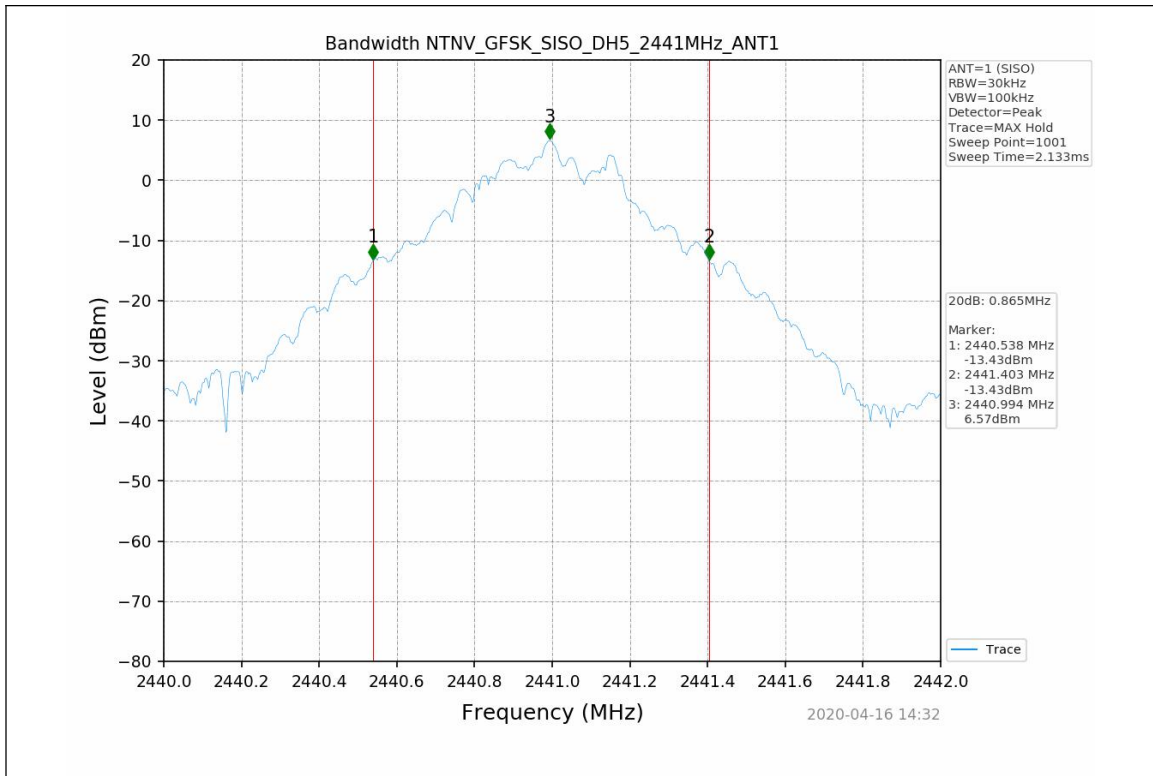
1.1 Test Result

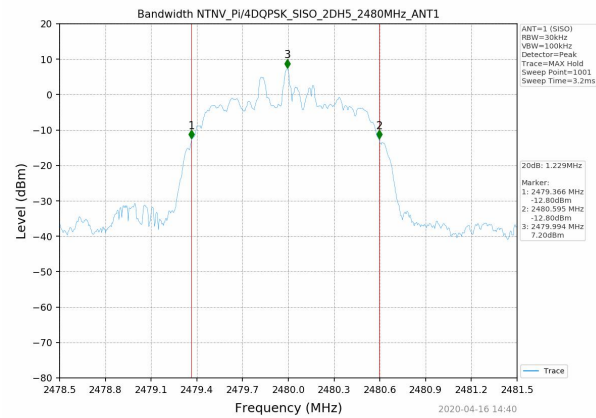
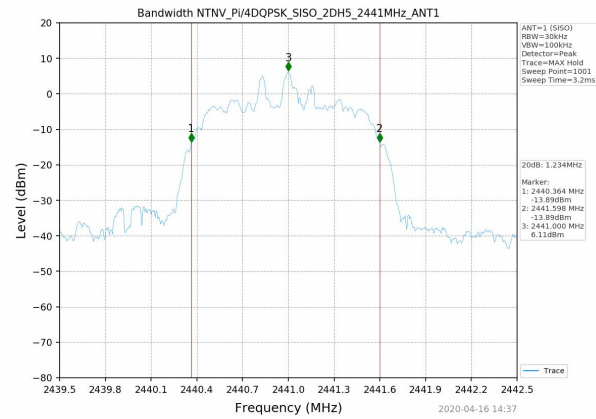
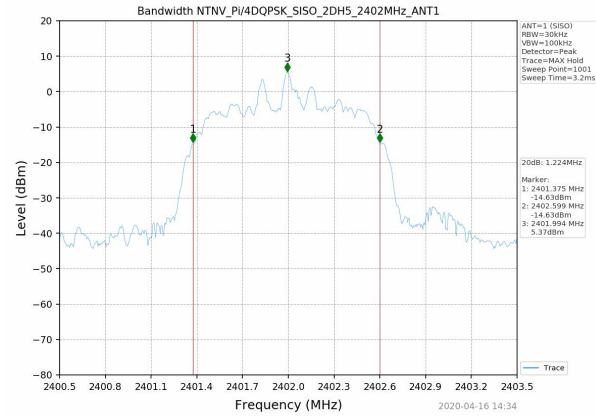
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.931	PASS
	2441	SISO	1	0.865	PASS
	2480	SISO	1	0.917	PASS
Pi/4DQPSK	2402	SISO	1	1.224	PASS
	2441	SISO	1	1.234	PASS
	2480	SISO	1	1.229	PASS
8DPSK	2402	SISO	1	1.292	PASS
	2441	SISO	1	1.274	PASS
	2480	SISO	1	1.262	PASS

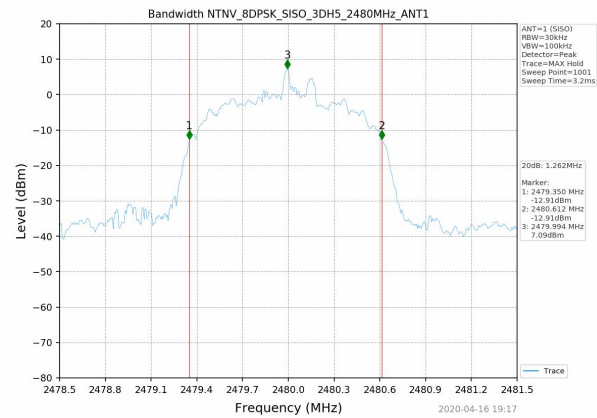
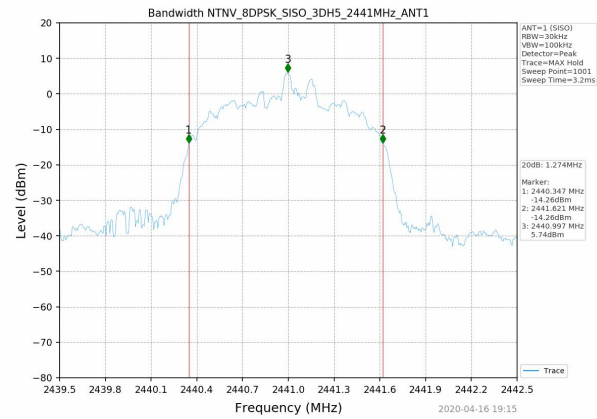
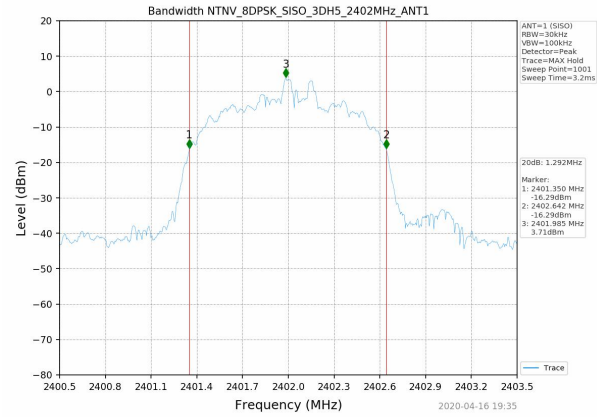
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.879	Only for Report Use
	2441	SISO	1	0.872	Only for Report Use
	2480	SISO	1	0.866	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.171	Only for Report Use
	2441	SISO	1	1.165	Only for Report Use
	2480	SISO	1	1.167	Only for Report Use
8DPSK	2402	SISO	1	1.170	Only for Report Use
	2441	SISO	1	1.182	Only for Report Use
	2480	SISO	1	1.193	Only for Report Use

1.2 Test Graph - 20dB Bandwidth

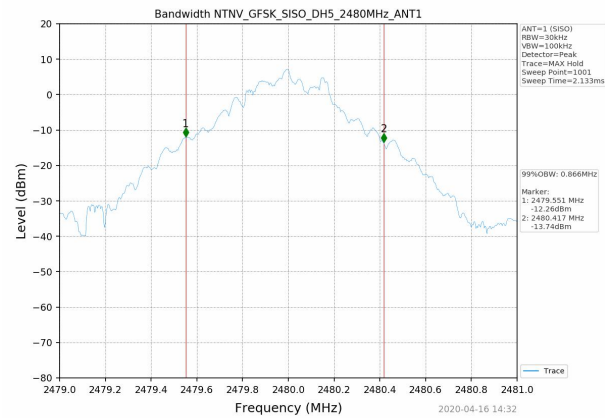
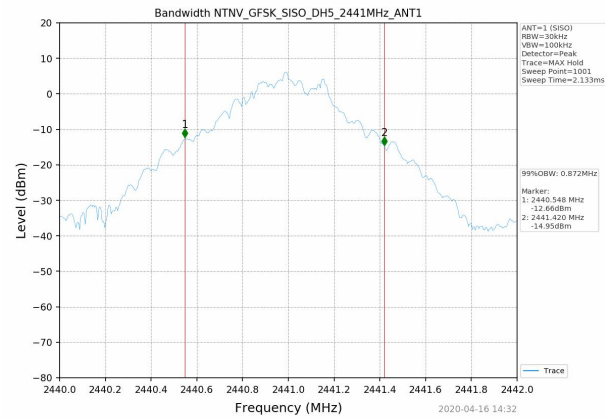
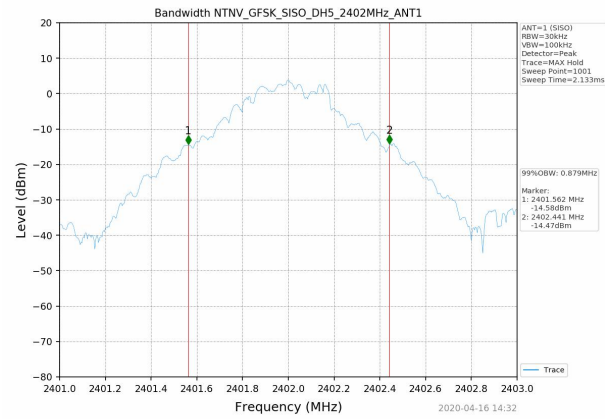


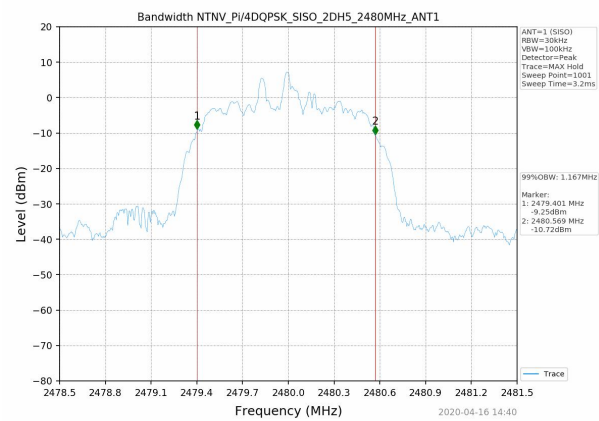
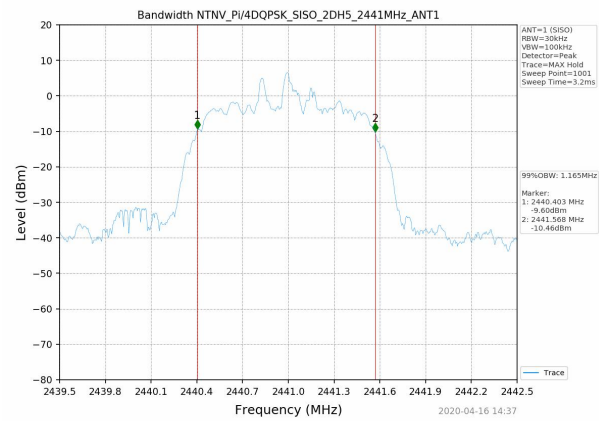
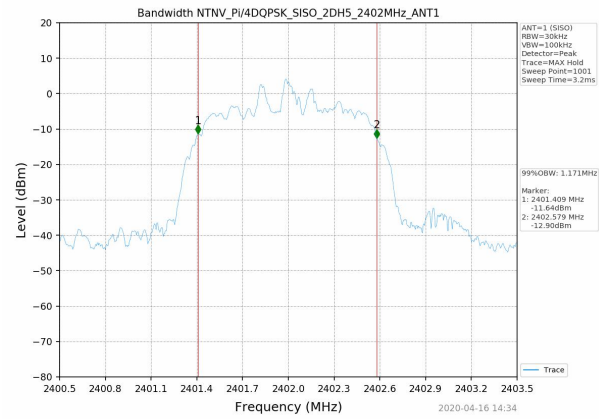


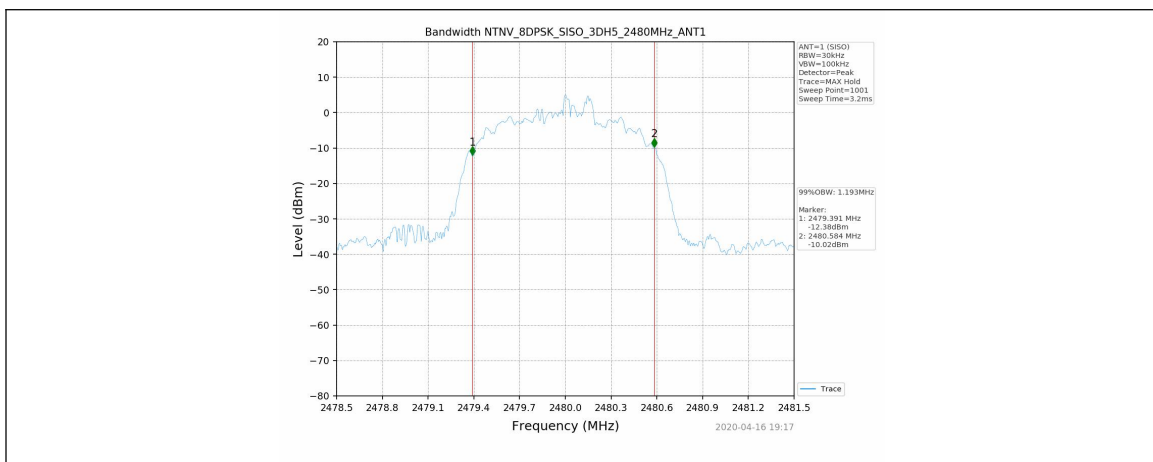
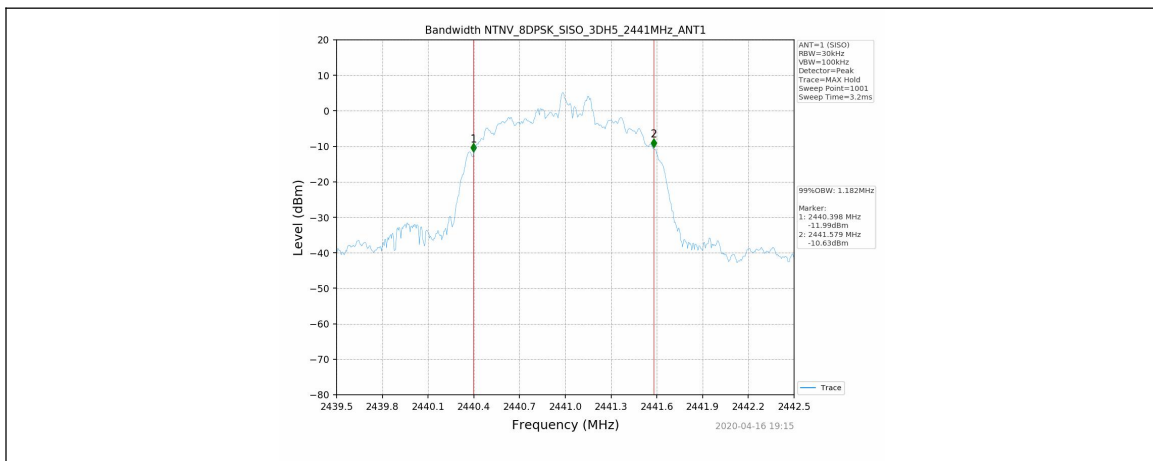
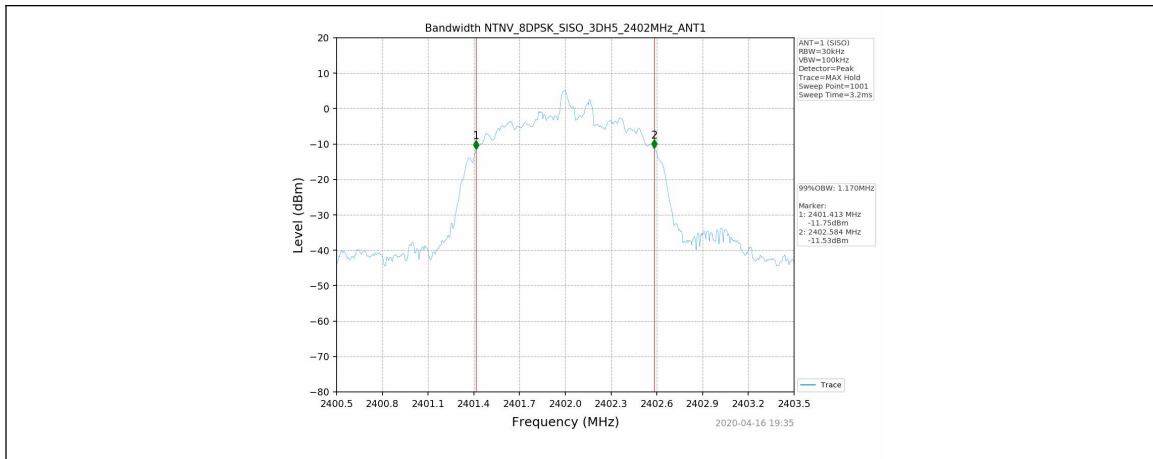




1.3 Test Graph - 99% Occupied Bandwidth





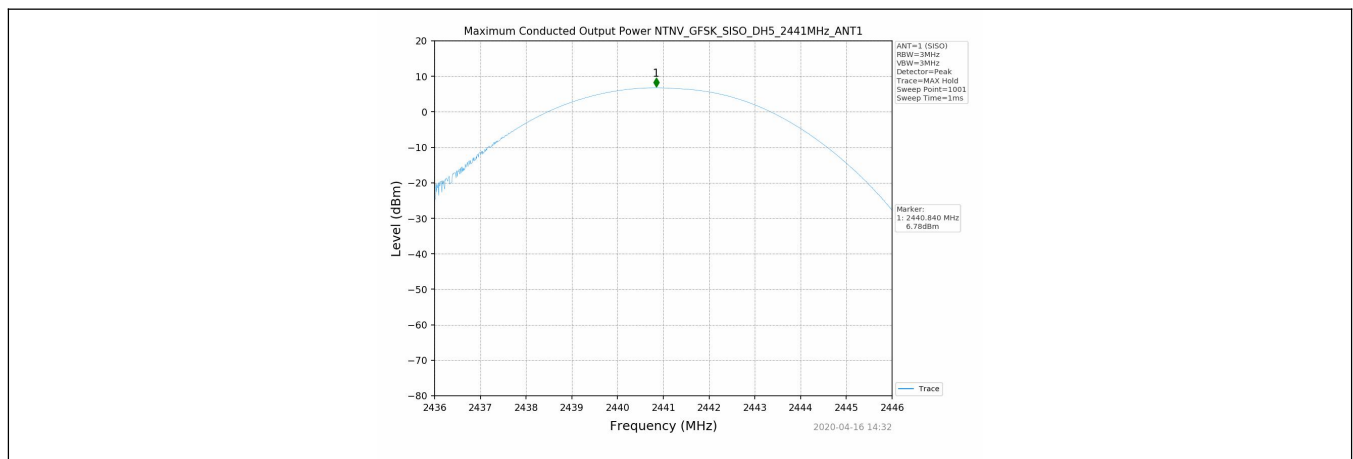
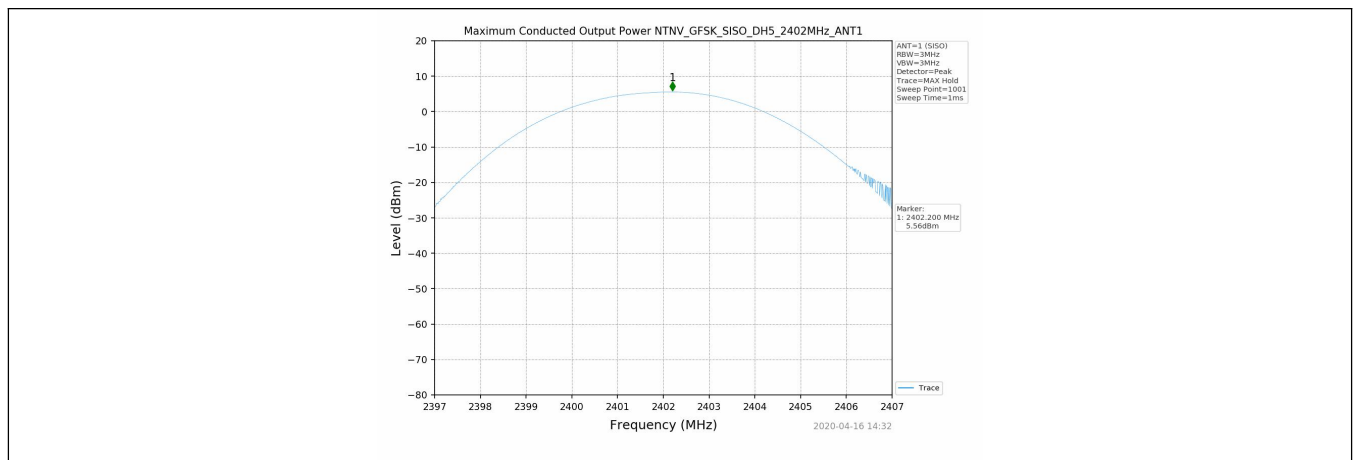


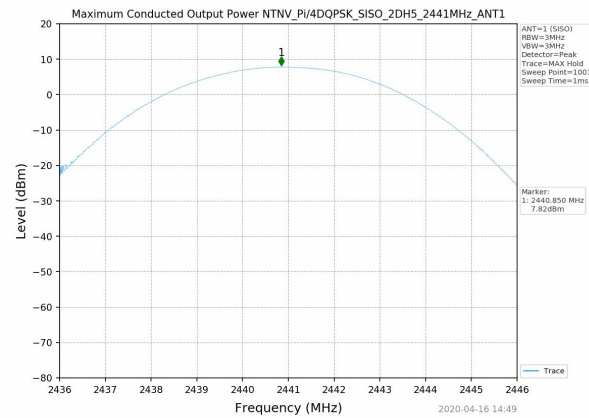
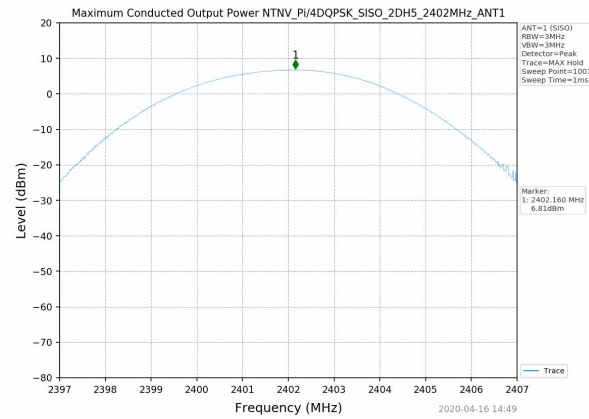
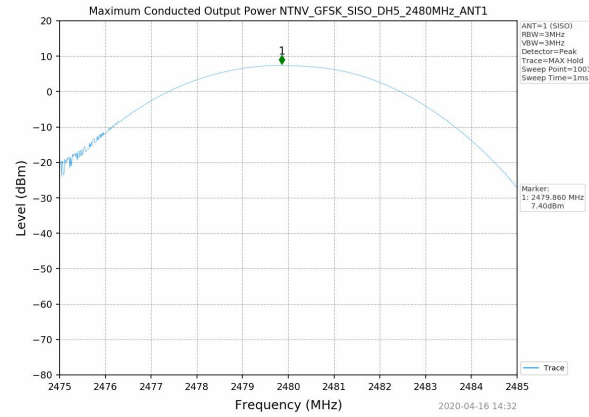
2. Maximum Conducted Output Power

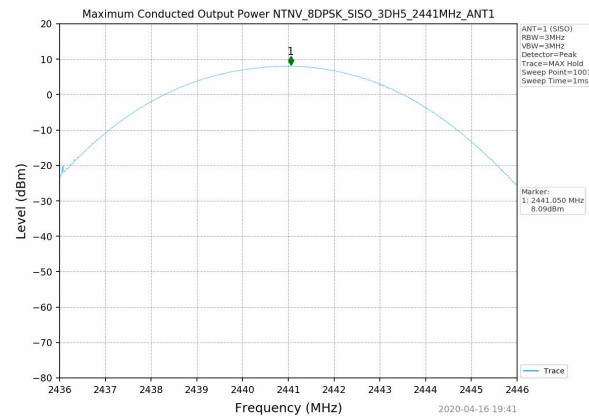
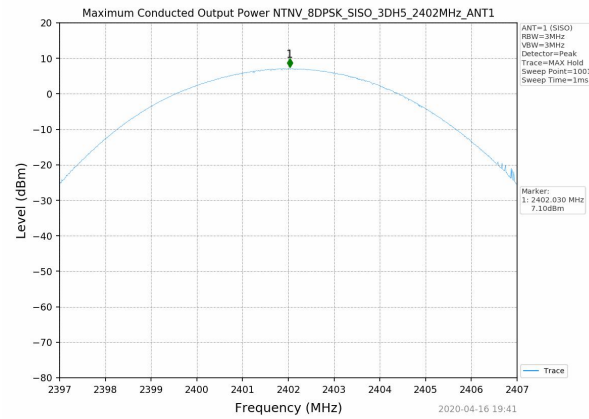
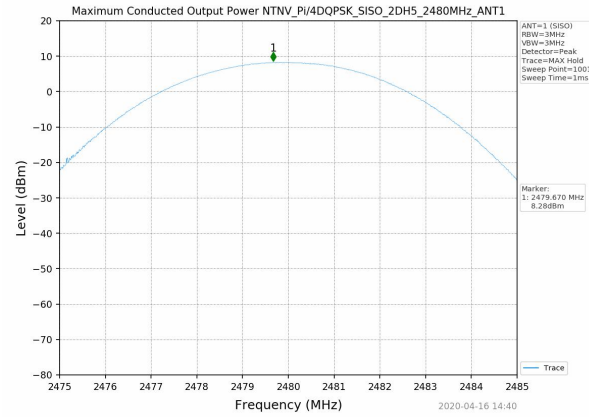
2.1 Test Result

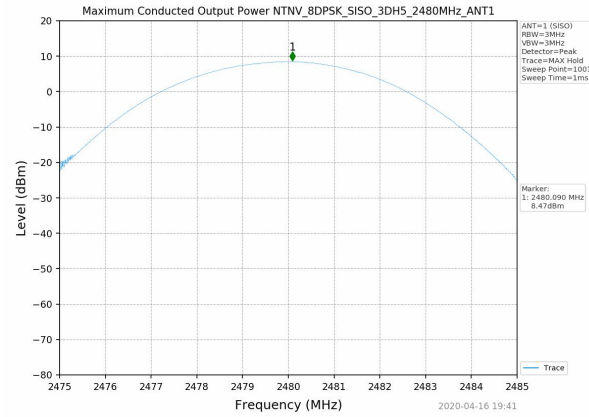
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	5.56	30	PASS
	2441	SISO	6.78	30	PASS
	2480	SISO	7.40	30	PASS
Pi/4DQPSK	2402	SISO	6.81	20.97	PASS
	2441	SISO	7.82	20.97	PASS
	2480	SISO	8.28	20.97	PASS
8DPSK	2402	SISO	7.10	20.97	PASS
	2441	SISO	8.09	20.97	PASS
	2480	SISO	8.47	20.97	PASS

2.2 Test Graph







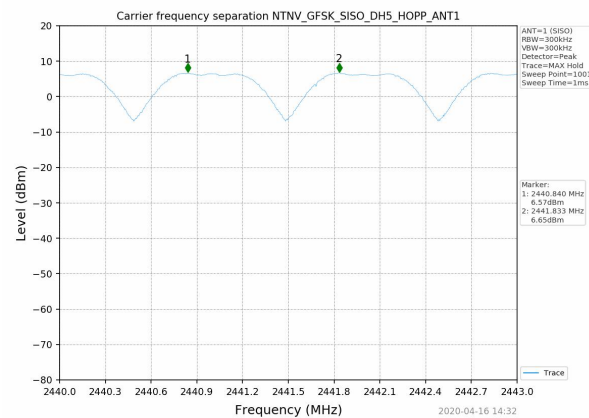


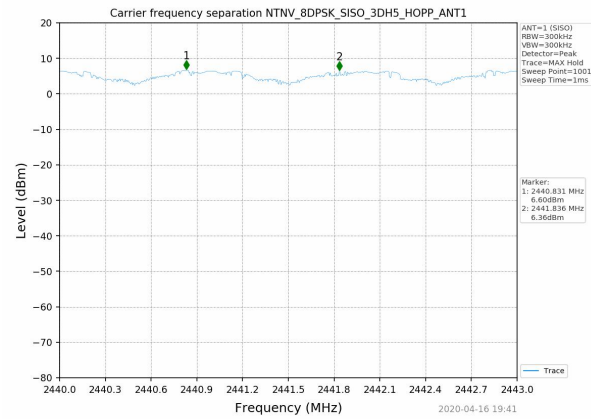
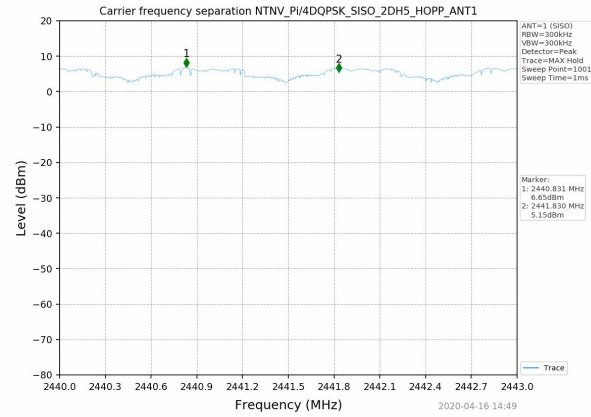
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	0.993	0.931	≥ 0.931	PASS
Pi/4DQPSK	SISO	1	0.999	1.234	≥ 0.823	PASS
8DPSK	SISO	1	1.005	1.292	≥ 0.861	PASS

3.2 Test Graph



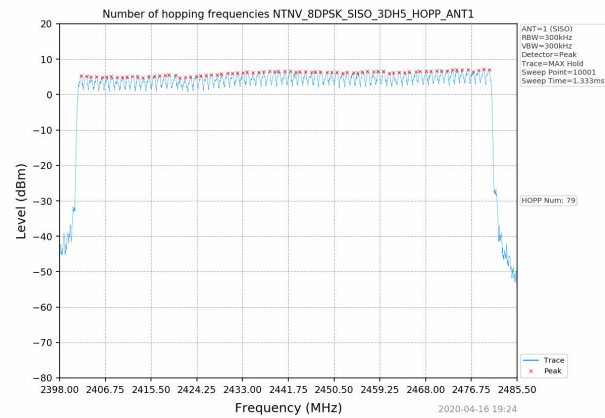
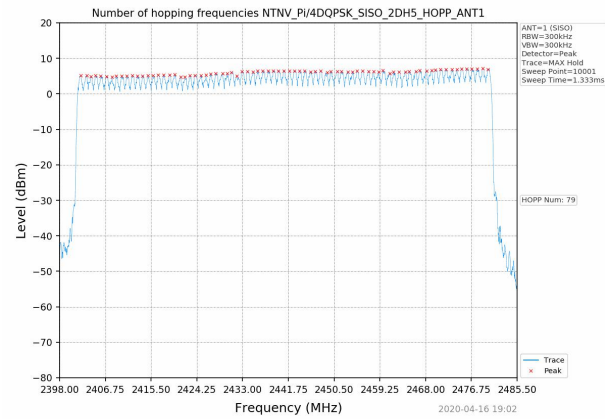
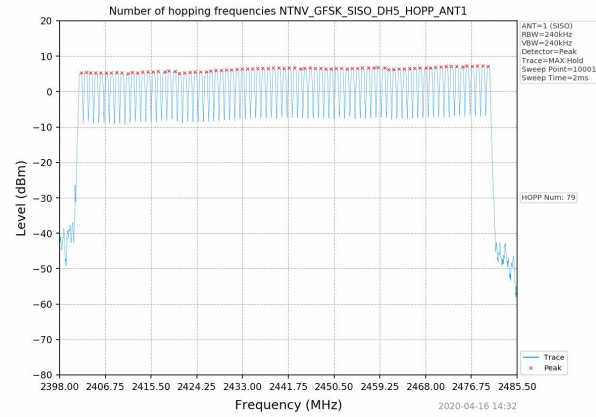


4. Number of hopping frequencies

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. Unwanted Emissions in Non-restricted Frequency Bands

5.1 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	-12.89	PASS
	2441	SISO	1	Refer to test graph	-12.89	PASS
	2480	SISO	1	Refer to test graph	-12.89	PASS
	Hopping	SISO	1	Refer to test graph	-12.89	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-12.74	PASS
	2441	SISO	1	Refer to test graph	-12.74	PASS
	2480	SISO	1	Refer to test graph	-12.74	PASS
	Hopping	SISO	1	Refer to test graph	-12.74	PASS
8DPSK	2402	SISO	1	Refer to test graph	-12.94	PASS
	2441	SISO	1	Refer to test graph	-12.94	PASS
	2480	SISO	1	Refer to test graph	-12.94	PASS
	Hopping	SISO	1	Refer to test graph	-12.94	PASS

5.2 Test Graph

