

Appendix for 15.247

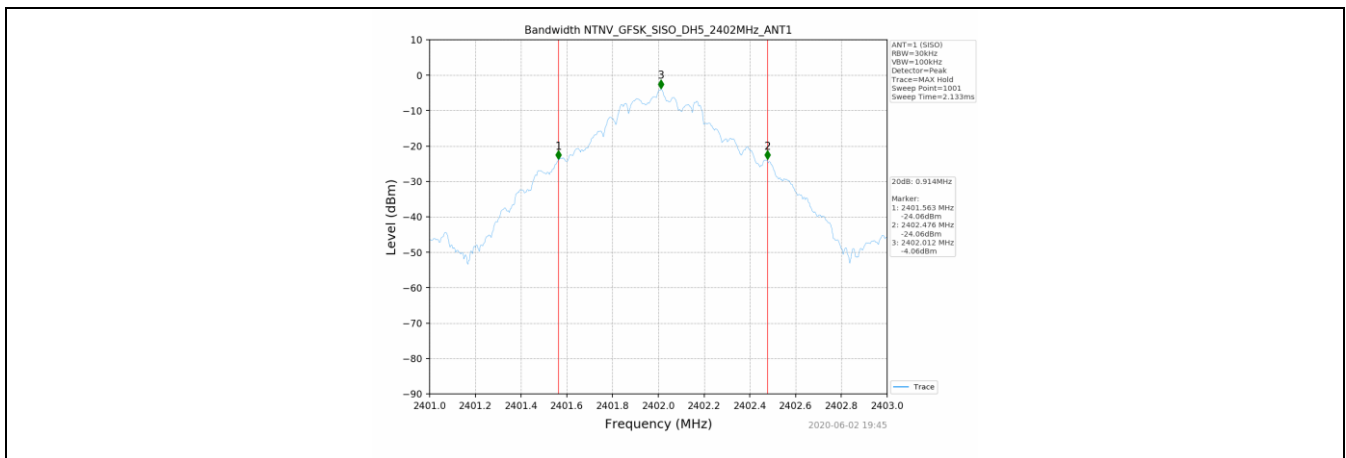
1. Bandwidth

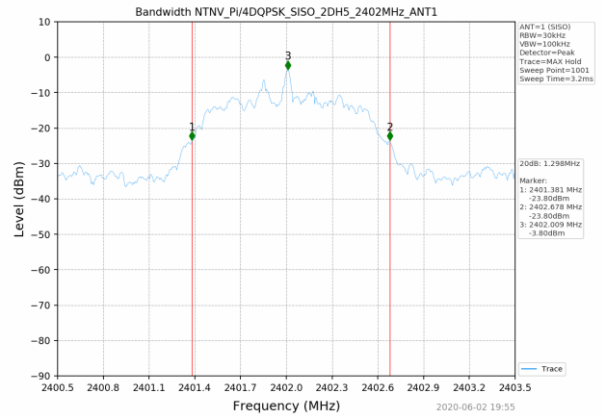
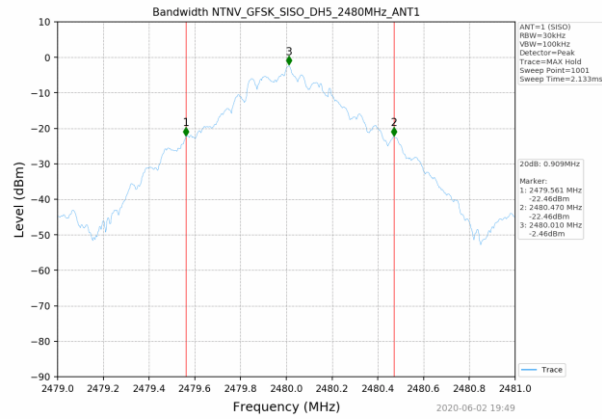
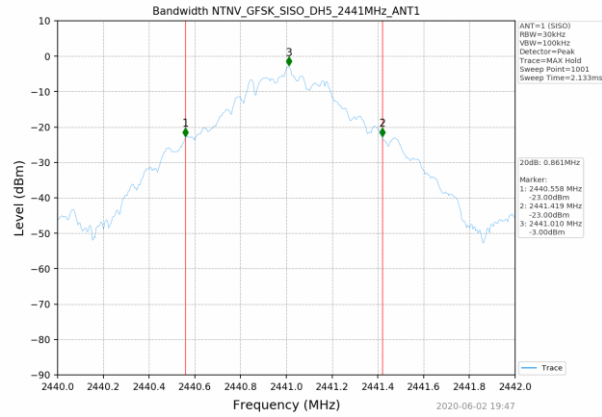
1.1 Test Result

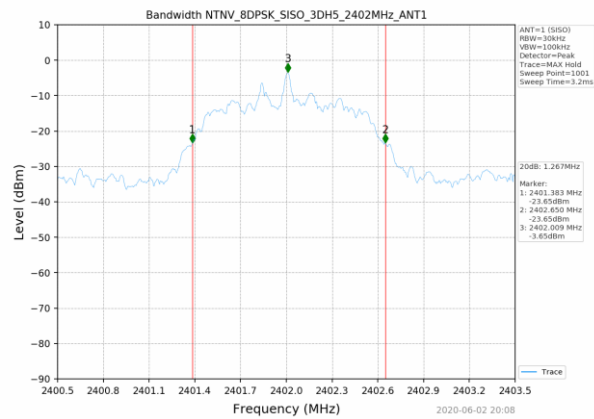
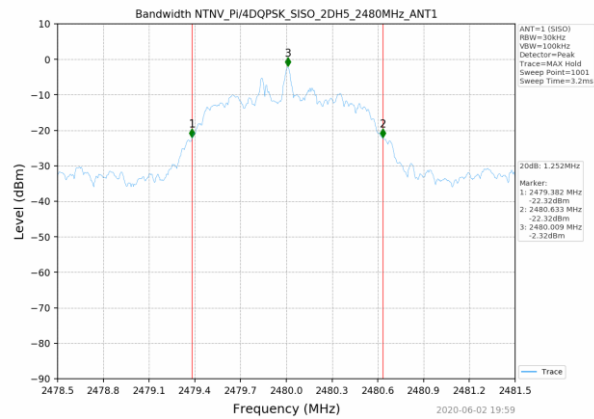
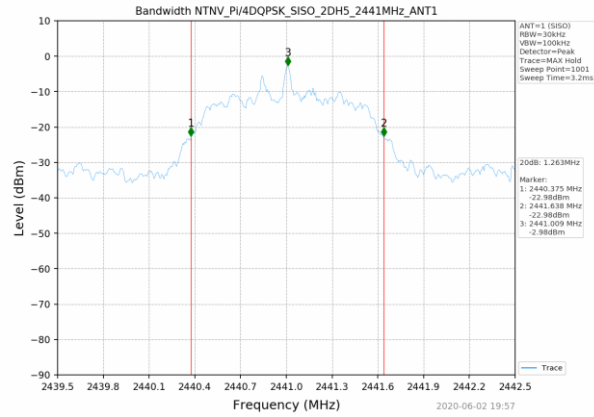
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.914	PASS
	2441	SISO	1	0.861	PASS
	2480	SISO	1	0.909	PASS
Pi/4DQPSK	2402	SISO	1	1.298	PASS
	2441	SISO	1	1.263	PASS
	2480	SISO	1	1.252	PASS
8DPSK	2402	SISO	1	1.267	PASS
	2441	SISO	1	1.269	PASS
	2480	SISO	1	1.265	PASS

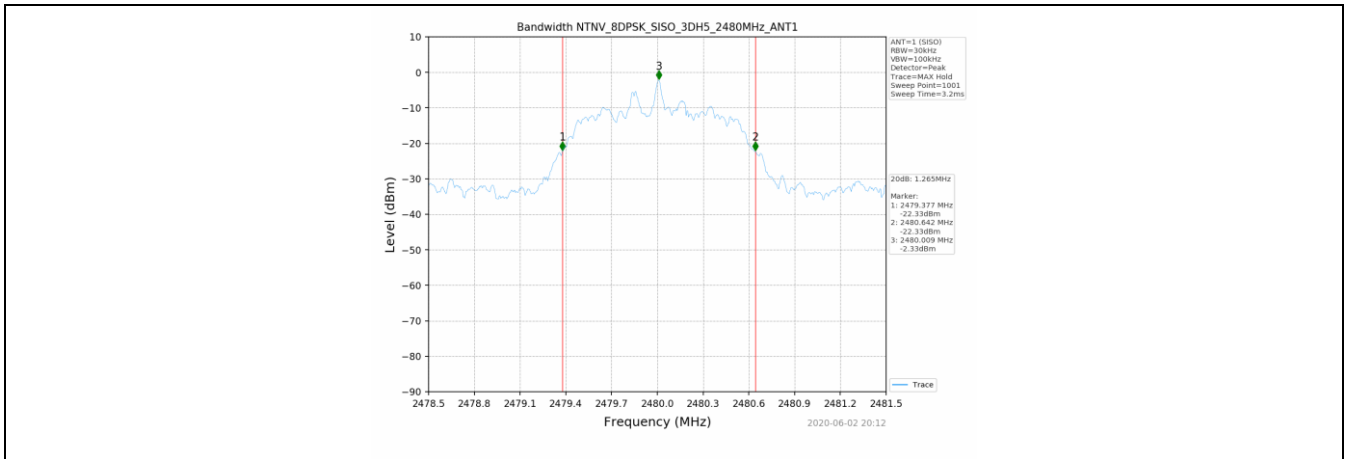
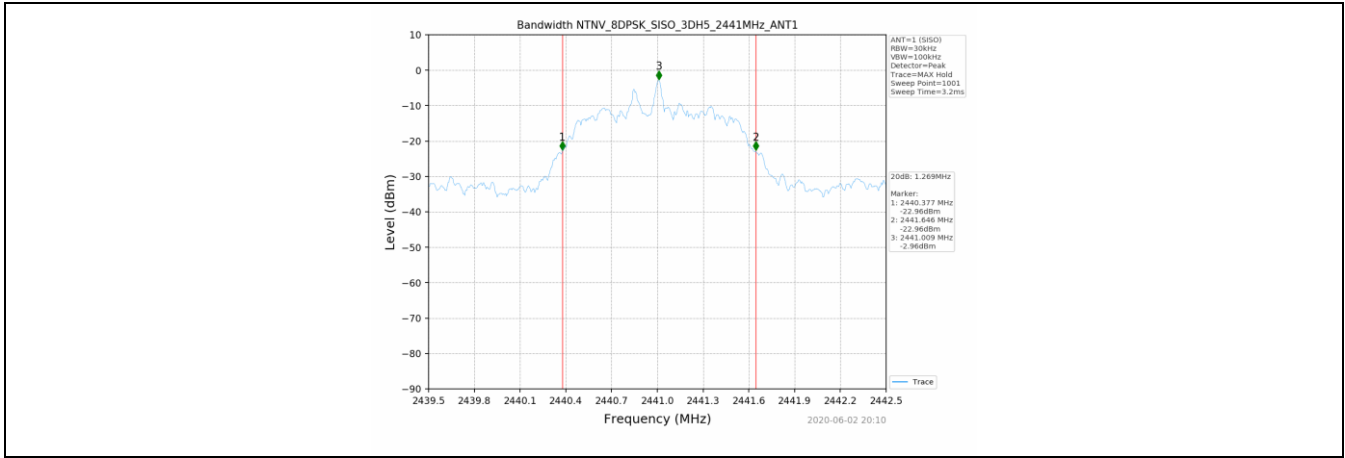
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.848	Only for Report Use
	2441	SISO	1	0.844	Only for Report Use
	2480	SISO	1	0.848	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.451	Only for Report Use
	2441	SISO	1	1.412	Only for Report Use
	2480	SISO	1	1.360	Only for Report Use
8DPSK	2402	SISO	1	1.465	Only for Report Use
	2441	SISO	1	1.410	Only for Report Use
	2480	SISO	1	1.363	Only for Report Use

1.2 Test Graph - 20dB Bandwidth

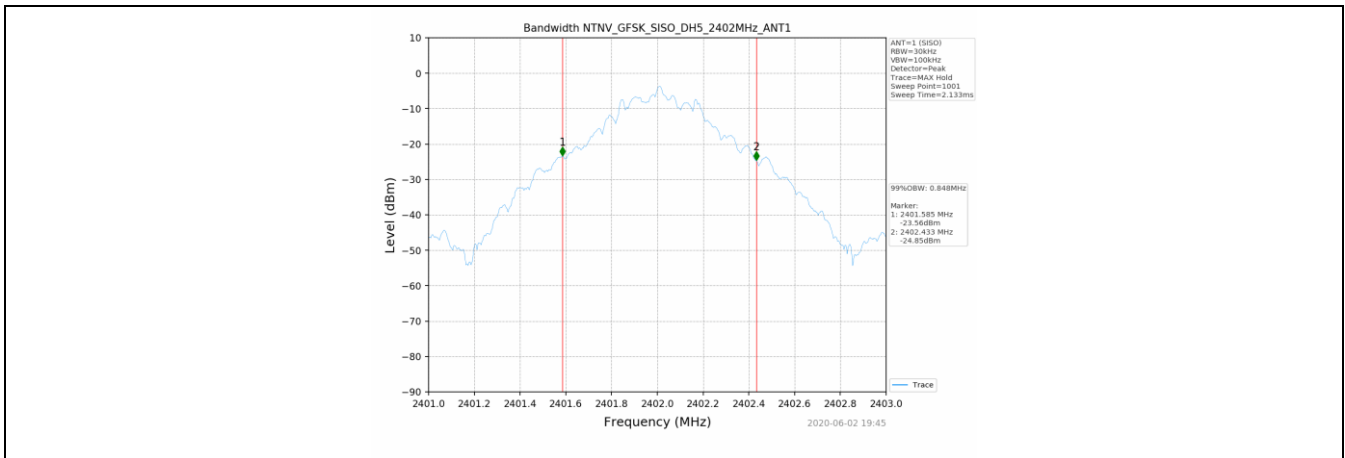


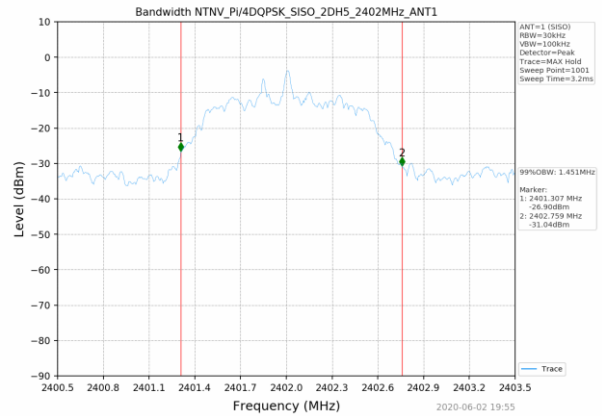
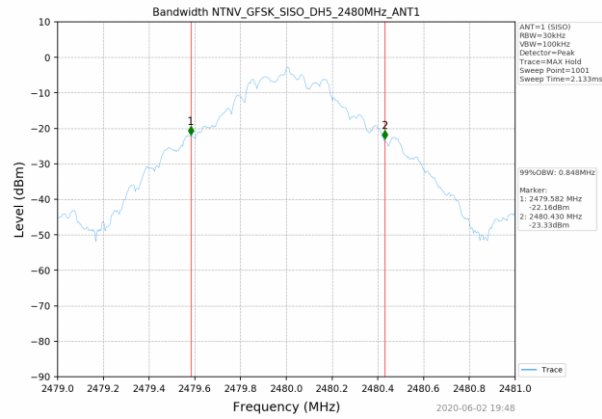
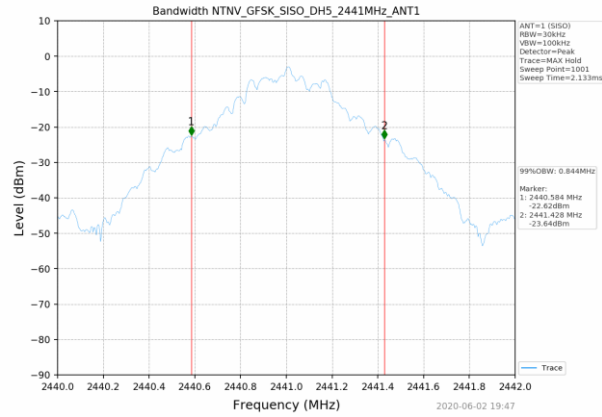


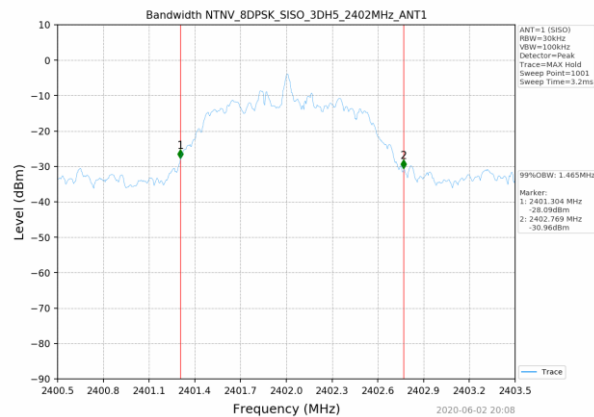
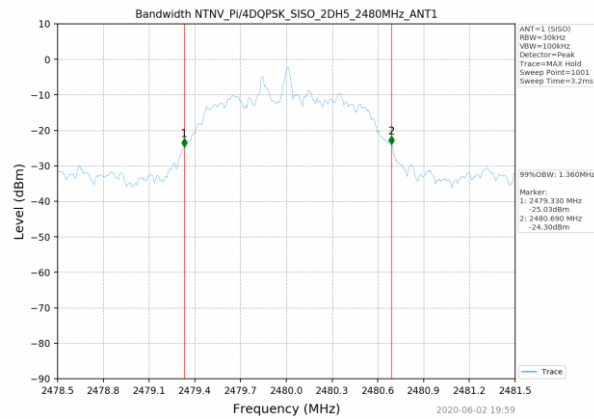
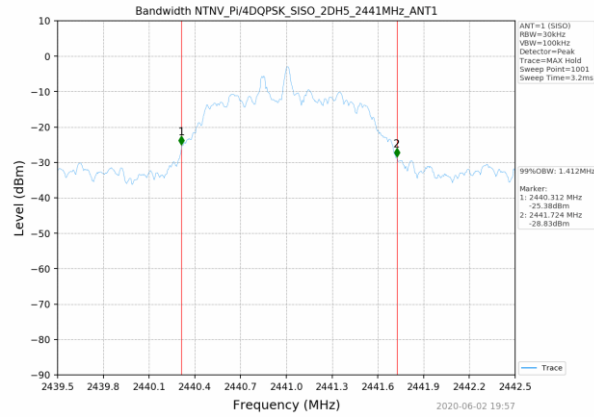


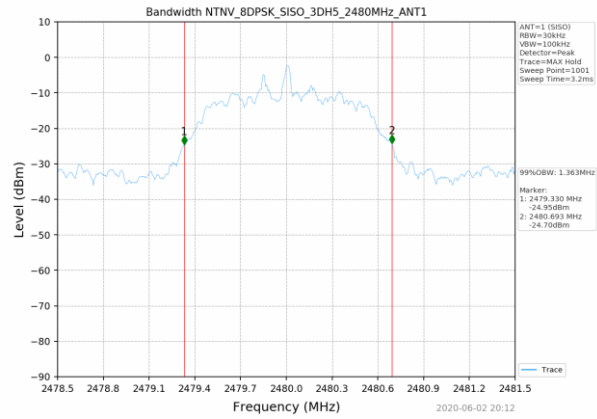
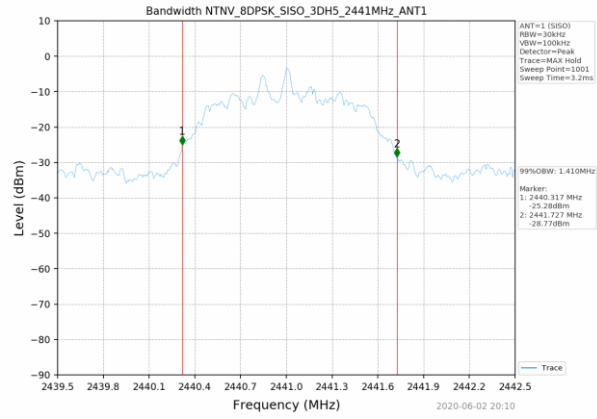


1.3 Test Graph - 99% Occupied Bandwidth







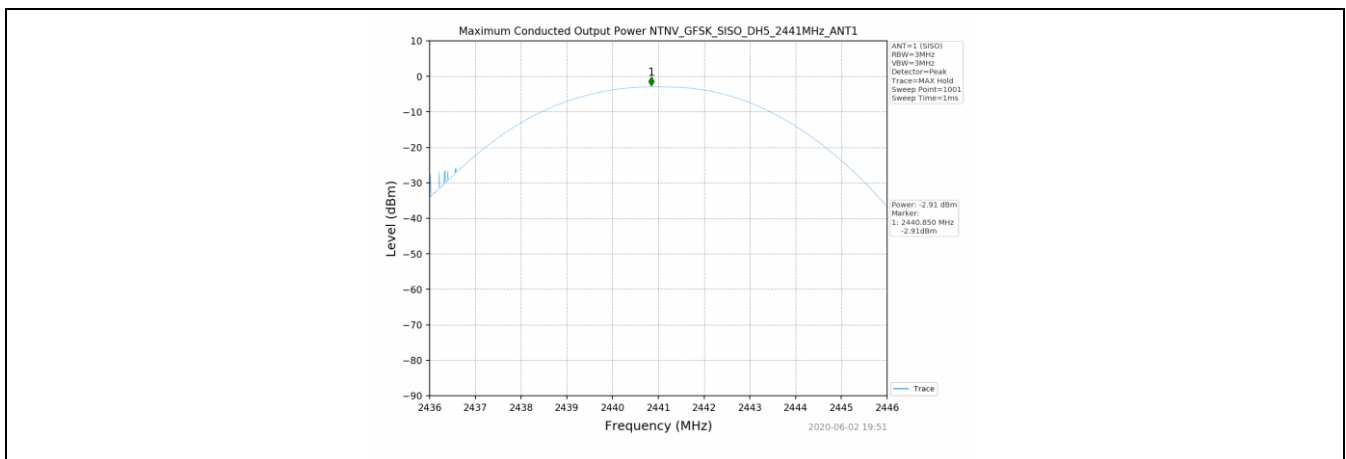
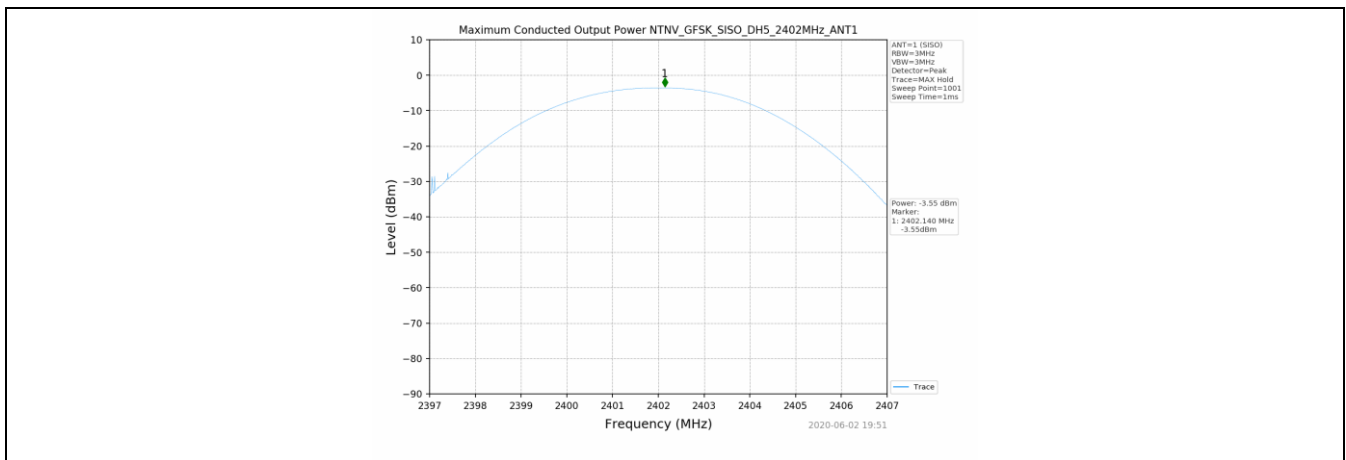


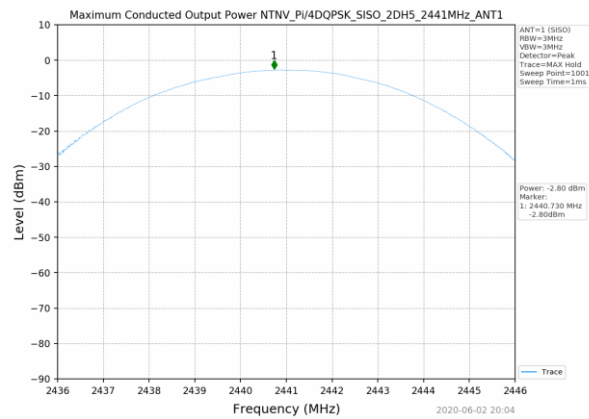
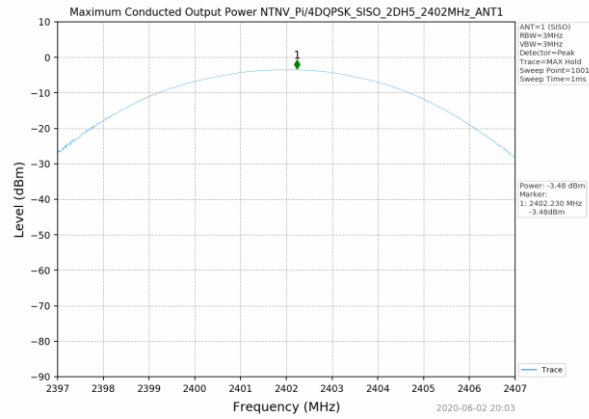
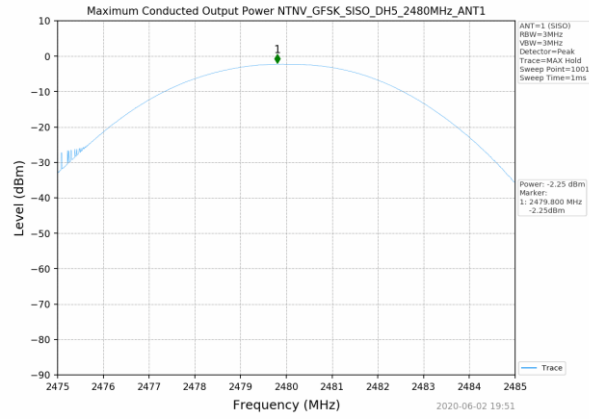
2. Maximum Conducted Output Power

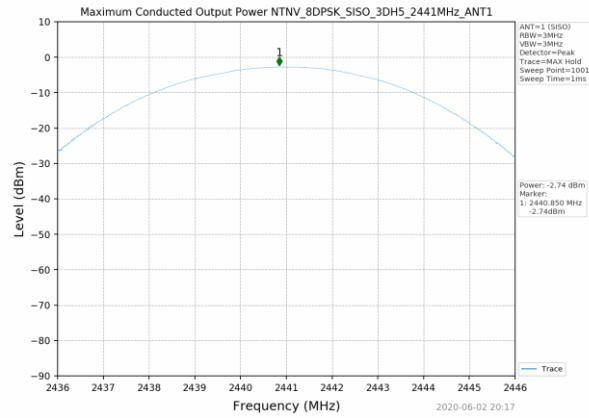
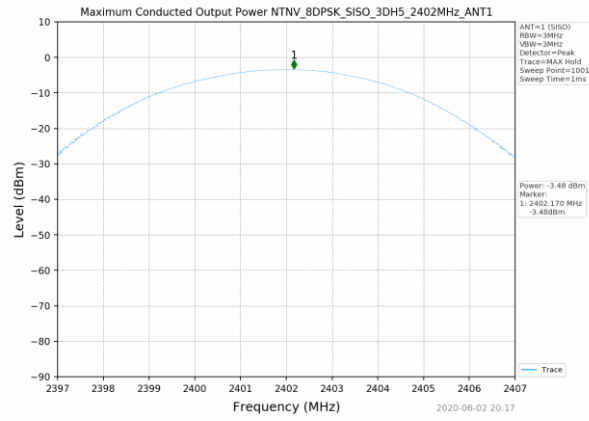
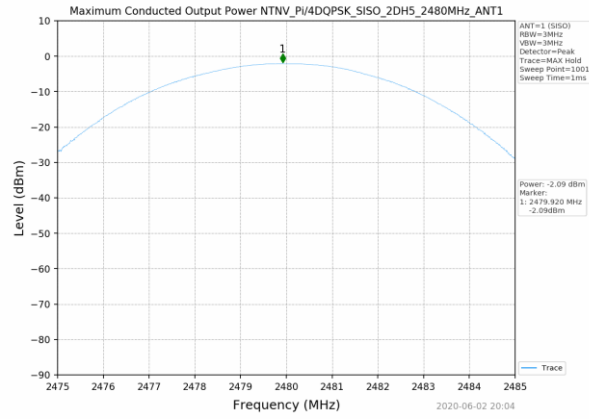
2.1 Test Result

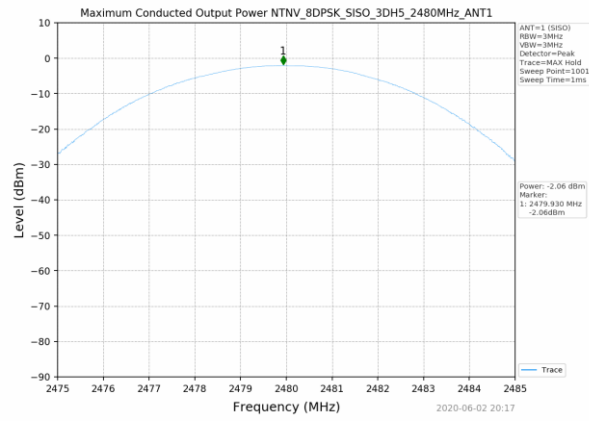
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	-3.55	30	PASS
	2441	SISO	-2.91	30	PASS
	2480	SISO	-2.25	30	PASS
Pi/4DQPSK	2402	SISO	-3.48	20.97	PASS
	2441	SISO	-2.80	20.97	PASS
	2480	SISO	-2.09	20.97	PASS
8DPSK	2402	SISO	-3.48	20.97	PASS
	2441	SISO	-2.74	20.97	PASS
	2480	SISO	-2.06	20.97	PASS

2.2 Test Graph







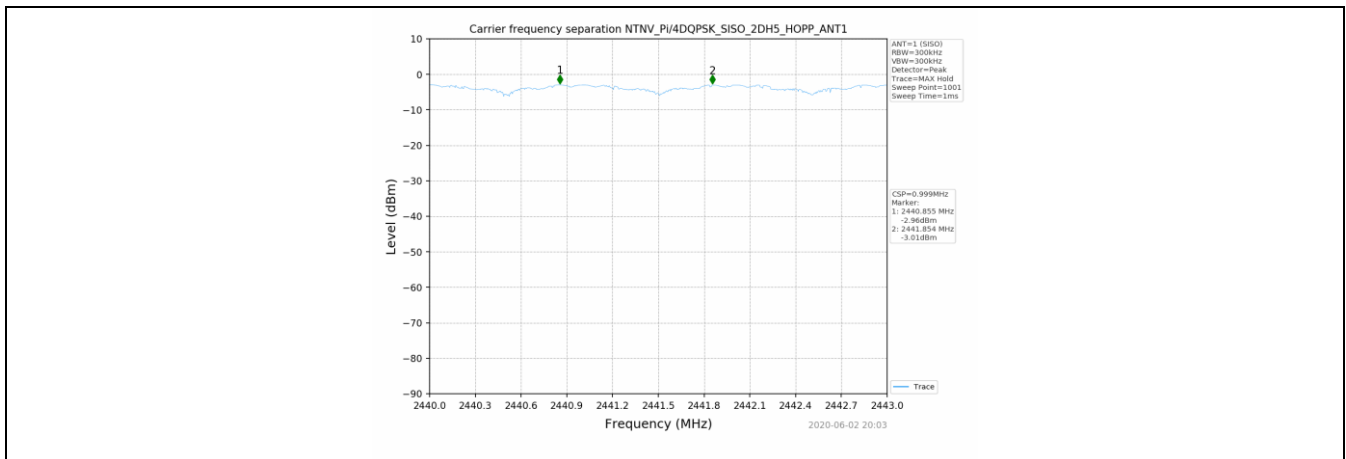
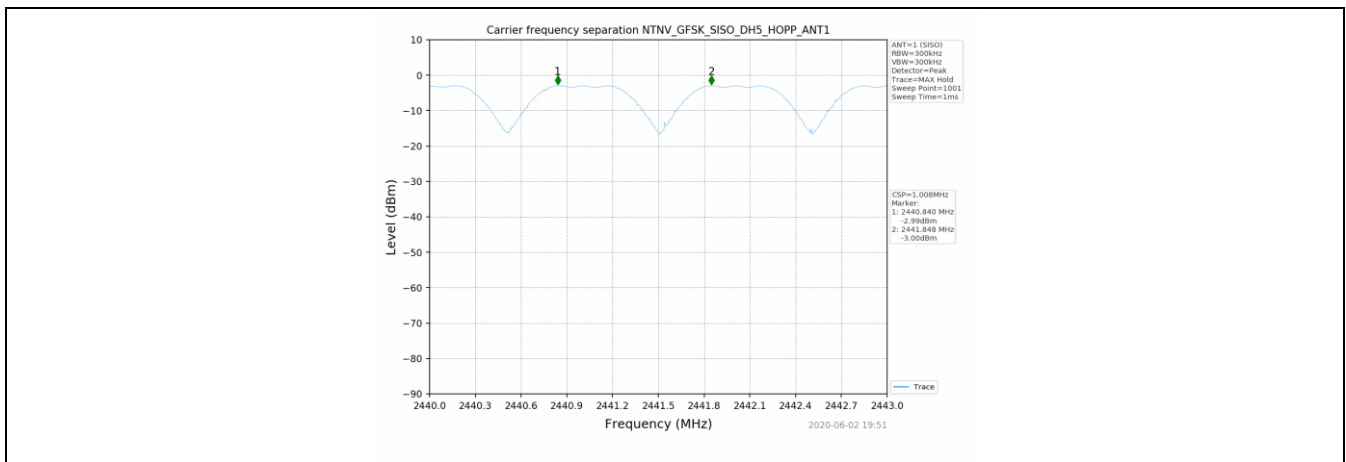


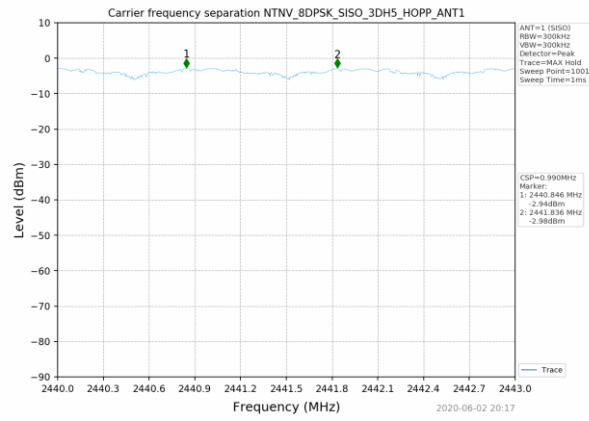
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.008	0.914	≥ 0.914	PASS
Pi/4DQPSK	SISO	1	0.999	1.298	≥ 0.865	PASS
8DPSK	SISO	1	0.990	1.269	≥ 0.846	PASS

3.2 Test Graph



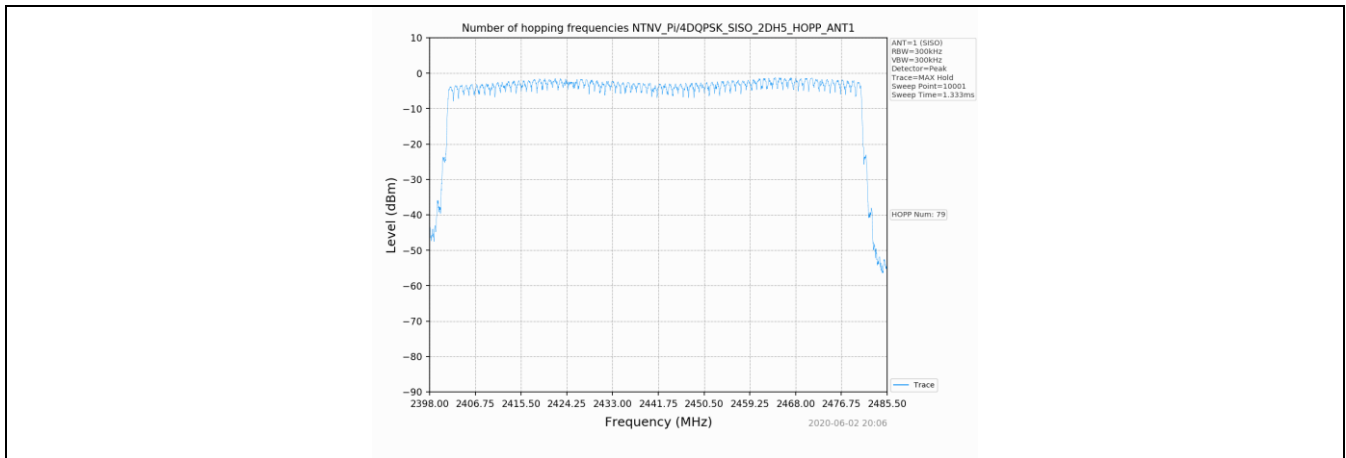
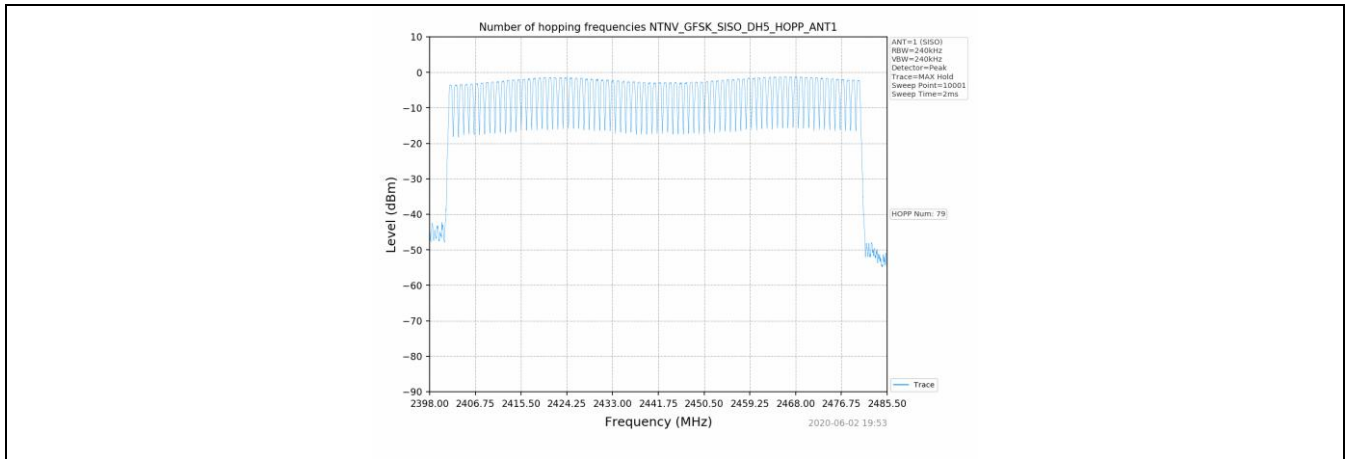


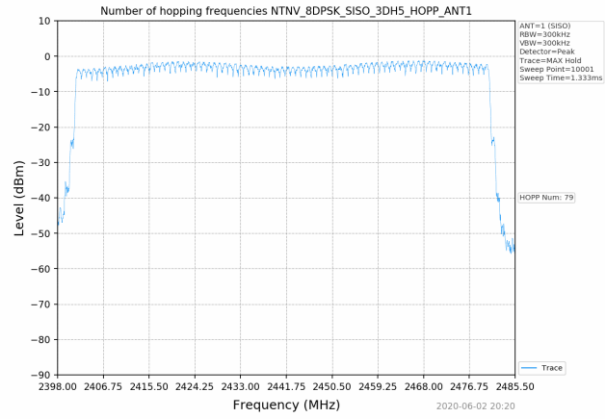
4. Number of hopping frequencies

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	-22.32	PASS
	2441	SISO	1	Refer to test graph	-22.32	PASS
	2480	SISO	1	Refer to test graph	-22.32	PASS
	Hopping	SISO	1	Refer to test graph	-22.32	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-22.32	PASS
	2441	SISO	1	Refer to test graph	-22.32	PASS
	2480	SISO	1	Refer to test graph	-22.32	PASS
	Hopping	SISO	1	Refer to test graph	-22.32	PASS
8DPSK	2402	SISO	1	Refer to test graph	-22.30	PASS
	2441	SISO	1	Refer to test graph	-22.30	PASS
	2480	SISO	1	Refer to test graph	-22.30	PASS
	Hopping	SISO	1	Refer to test graph	-22.30	PASS

5.2 Test Graph

