

Appendix for 15.247

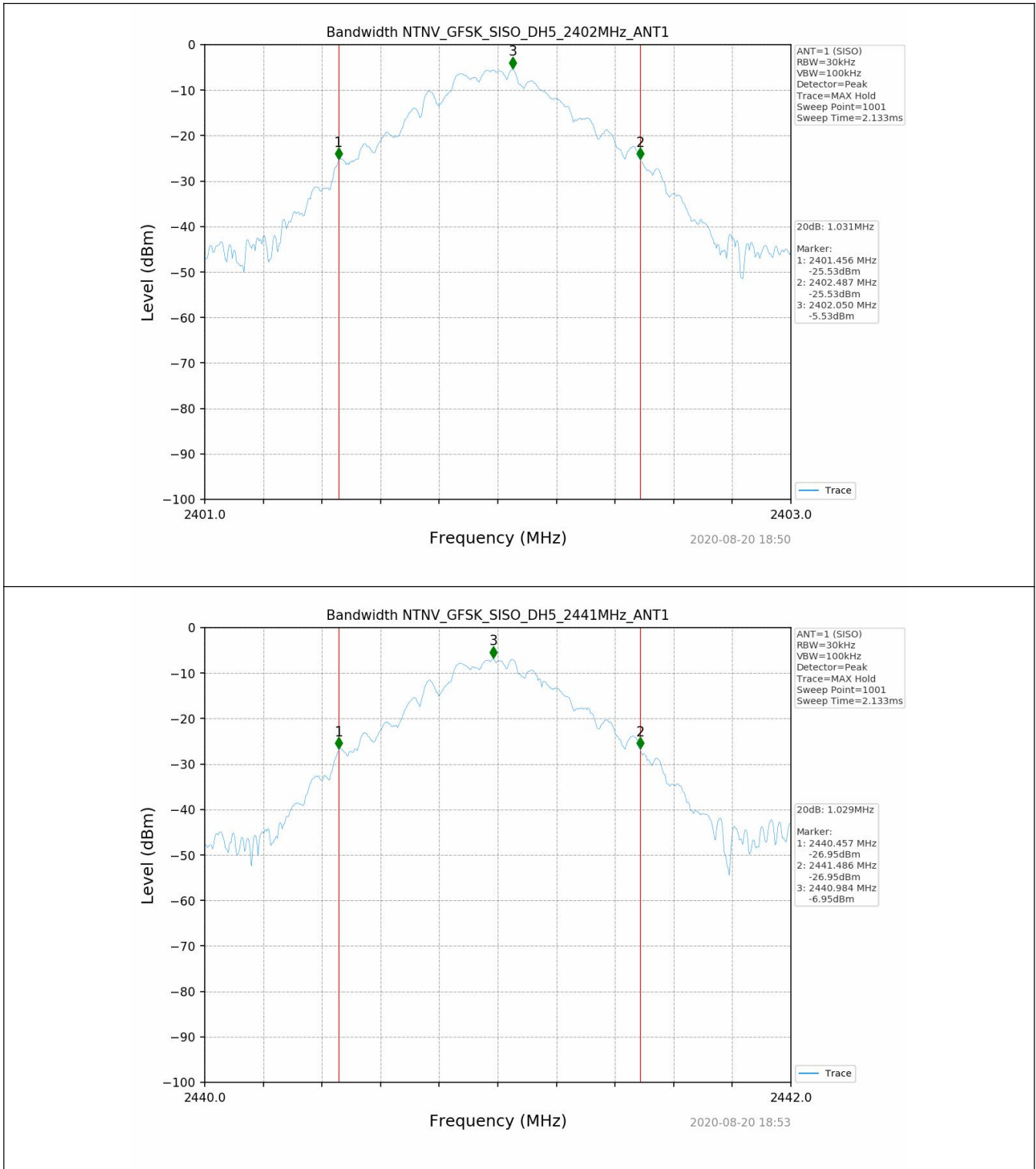
1. Bandwidth

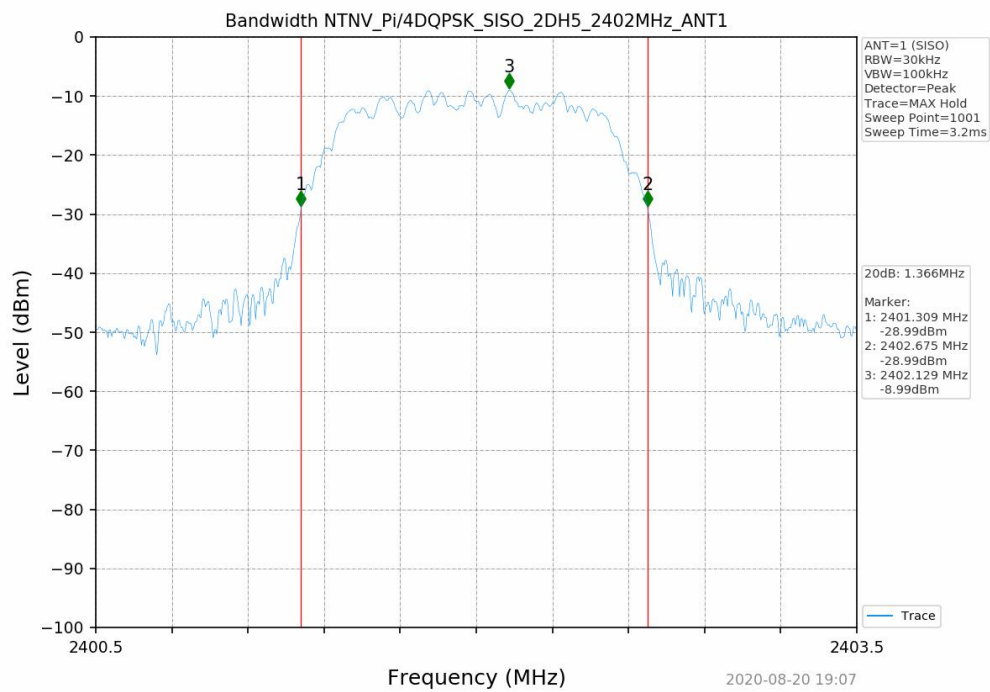
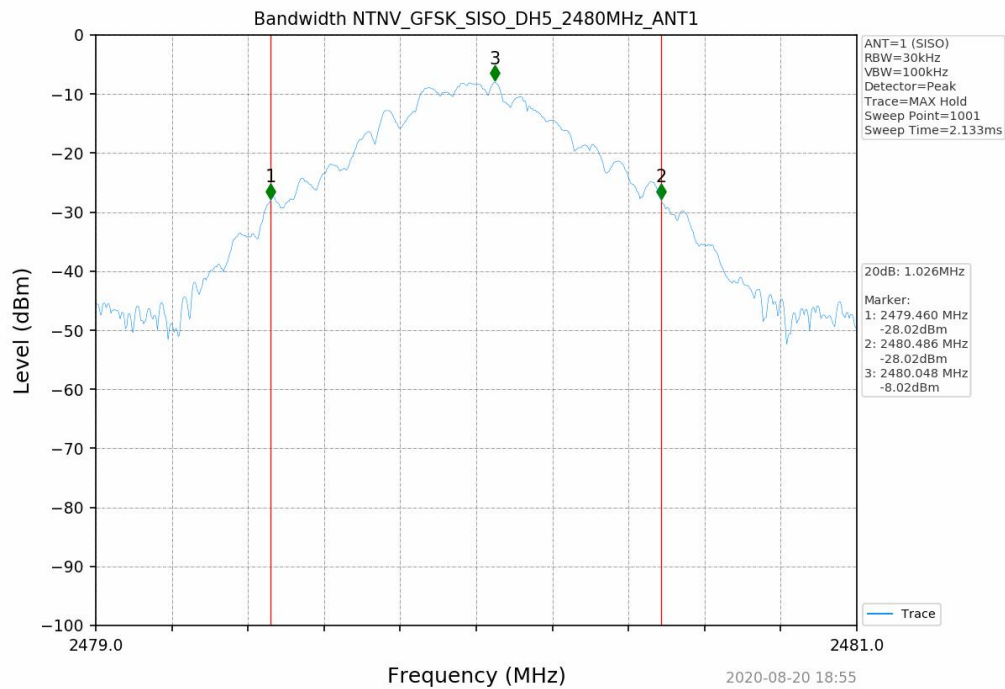
1.1 Test Result

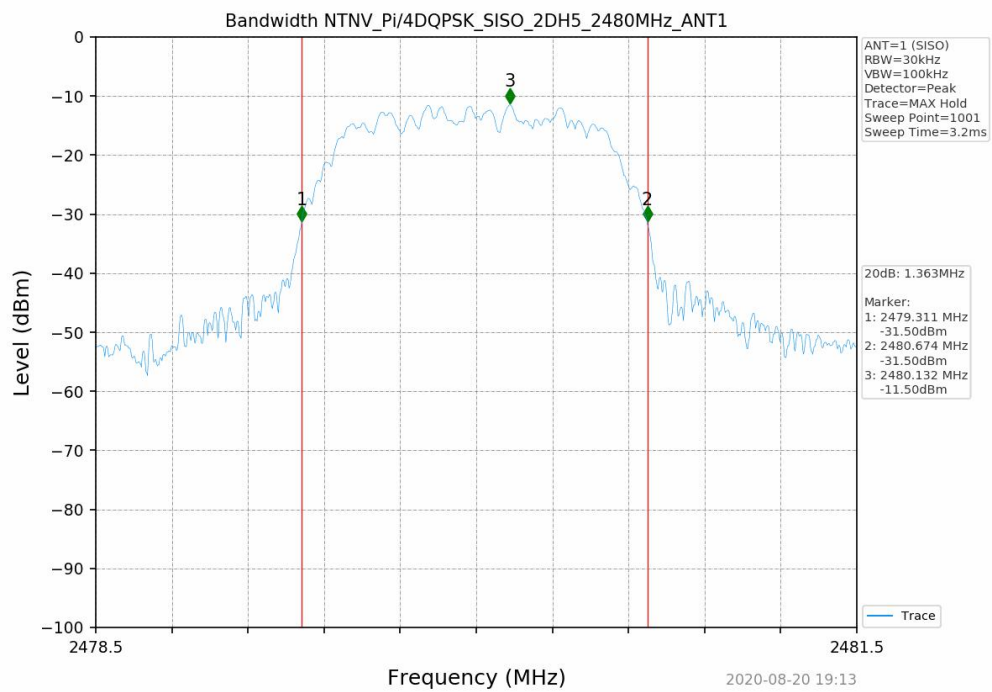
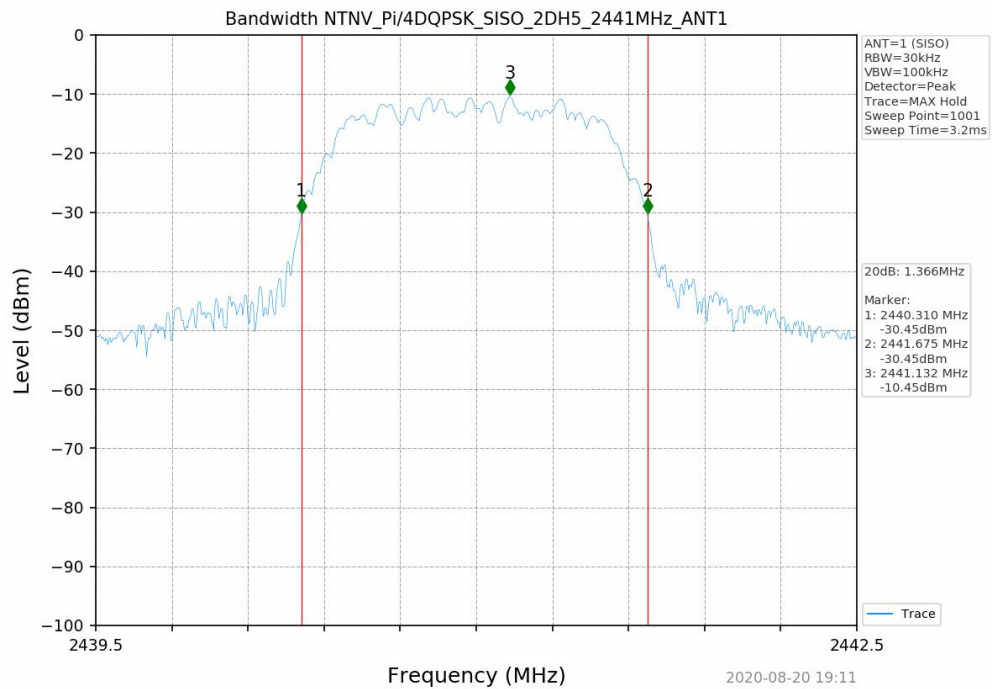
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	1.031	PASS
	2441	SISO	1	1.029	PASS
	2480	SISO	1	1.026	PASS
Pi/4DQPSK	2402	SISO	1	1.366	PASS
	2441	SISO	1	1.366	PASS
	2480	SISO	1	1.363	PASS
8DPSK	2402	SISO	1	1.346	PASS
	2441	SISO	1	1.347	PASS
	2480	SISO	1	1.345	PASS

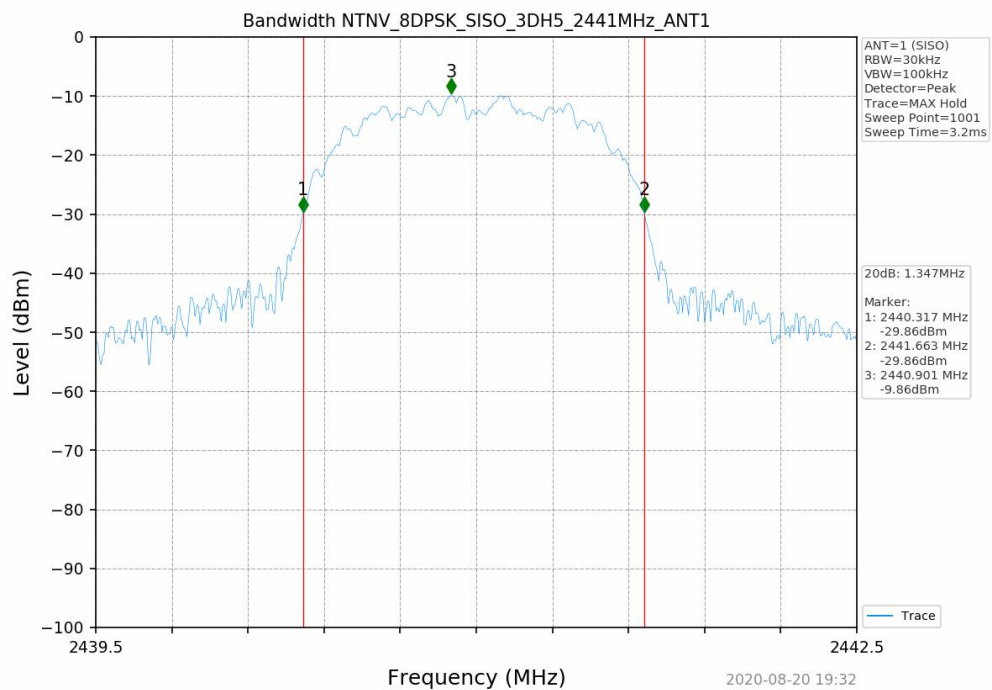
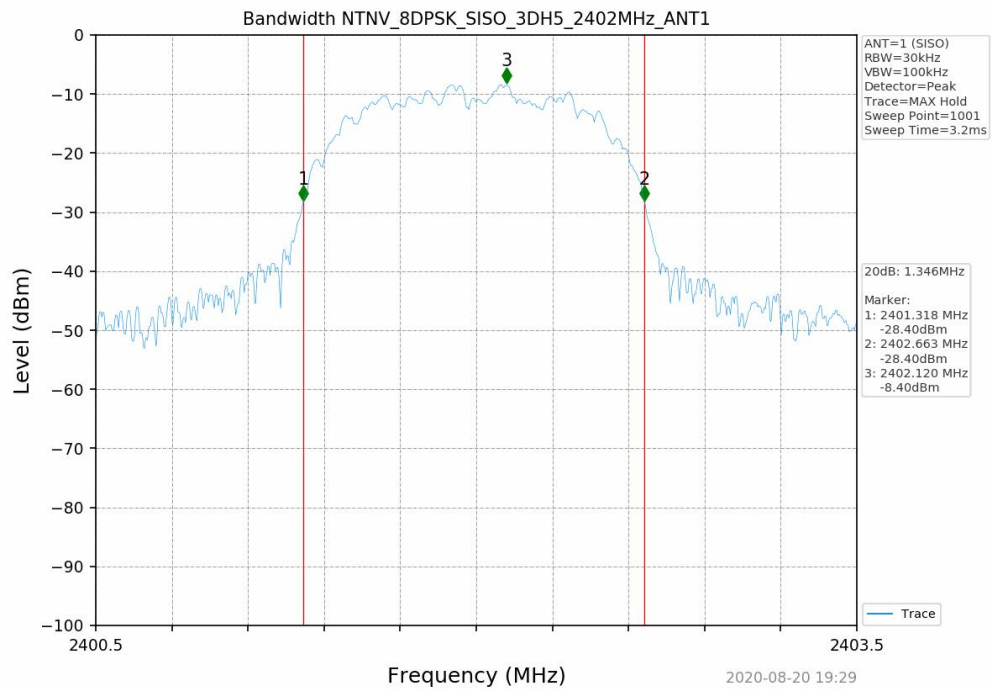
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.902	Only for Report Use
	2441	SISO	1	0.904	Only for Report Use
	2480	SISO	1	0.903	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.194	Only for Report Use
	2441	SISO	1	1.195	Only for Report Use
	2480	SISO	1	1.194	Only for Report Use
8DPSK	2402	SISO	1	1.204	Only for Report Use
	2441	SISO	1	1.206	Only for Report Use
	2480	SISO	1	1.204	Only for Report Use

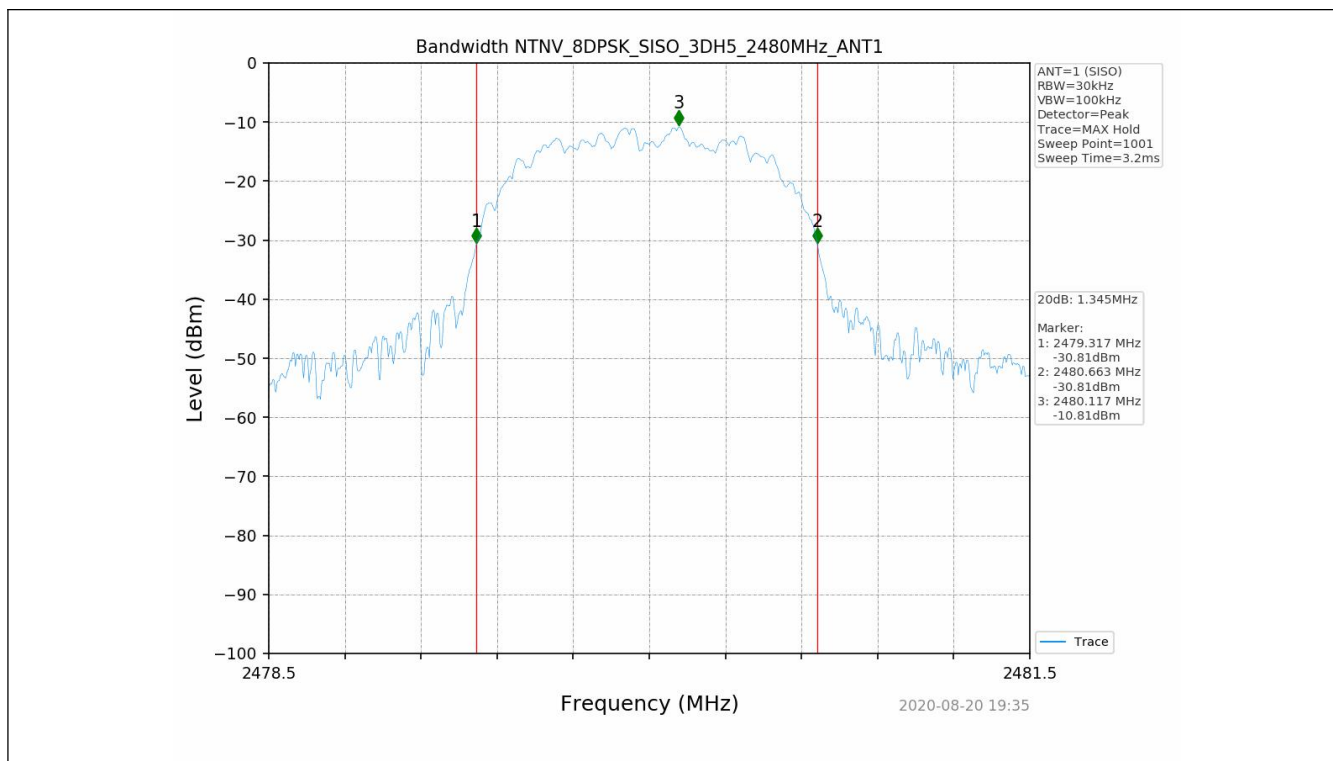
1.2 Test Graph - 20dB Bandwidth



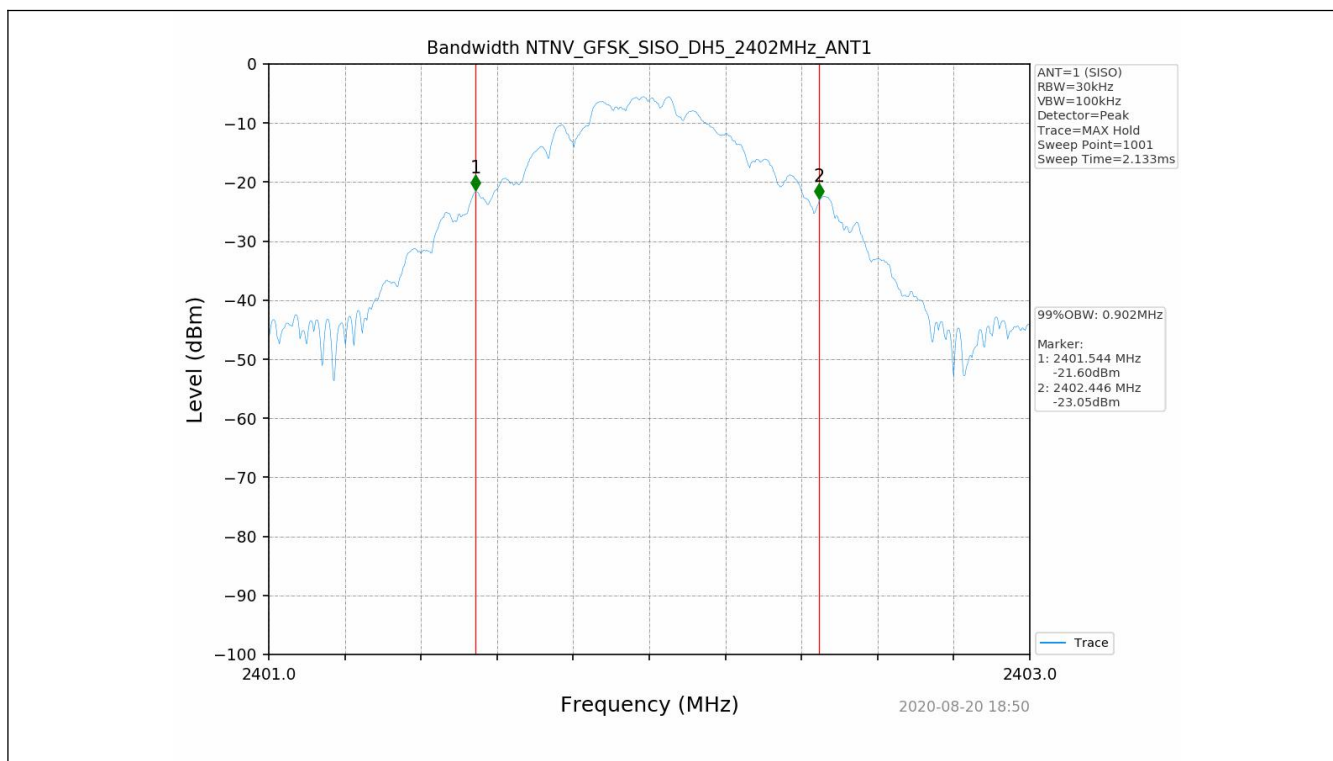


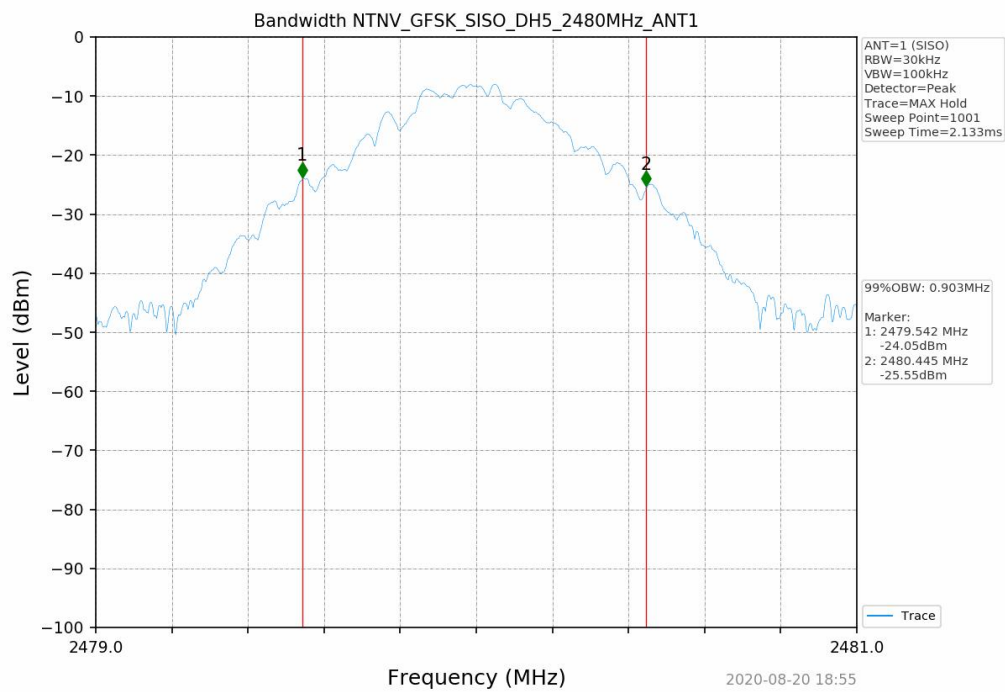
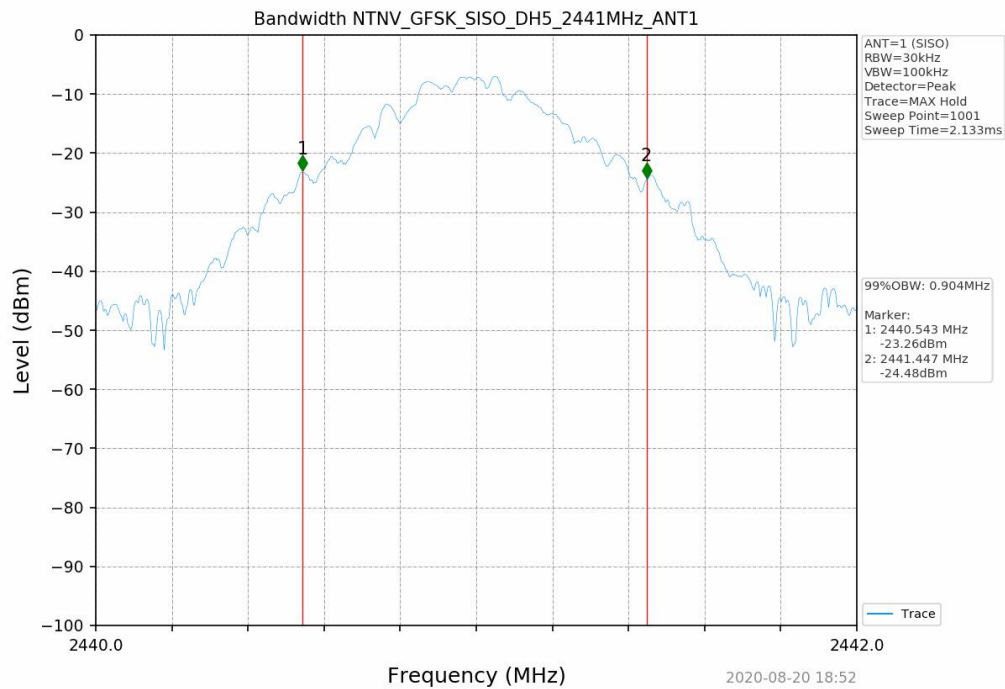


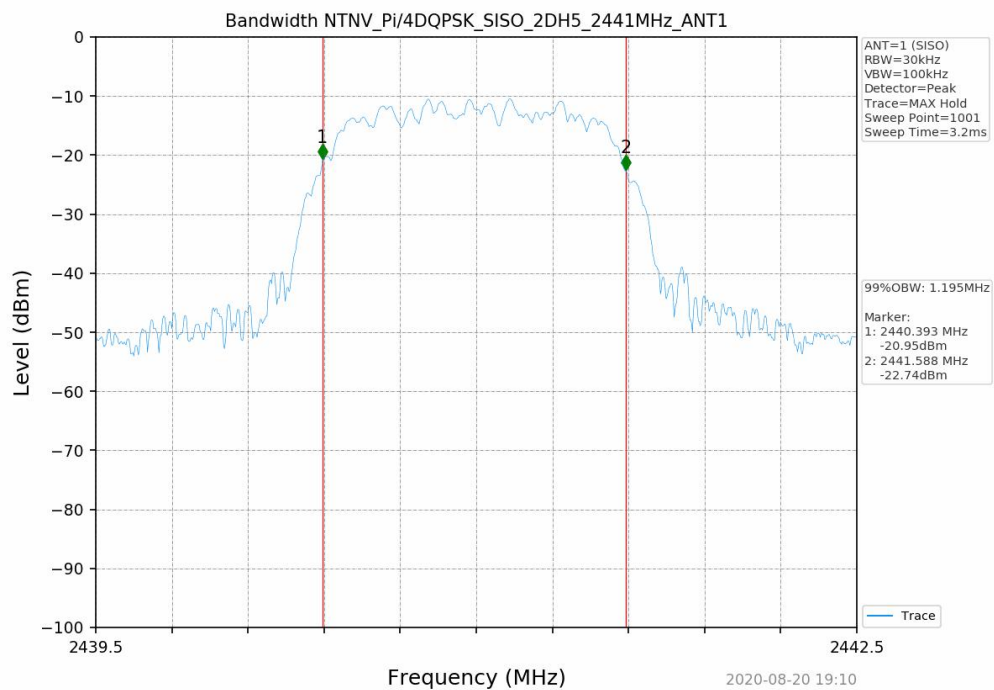
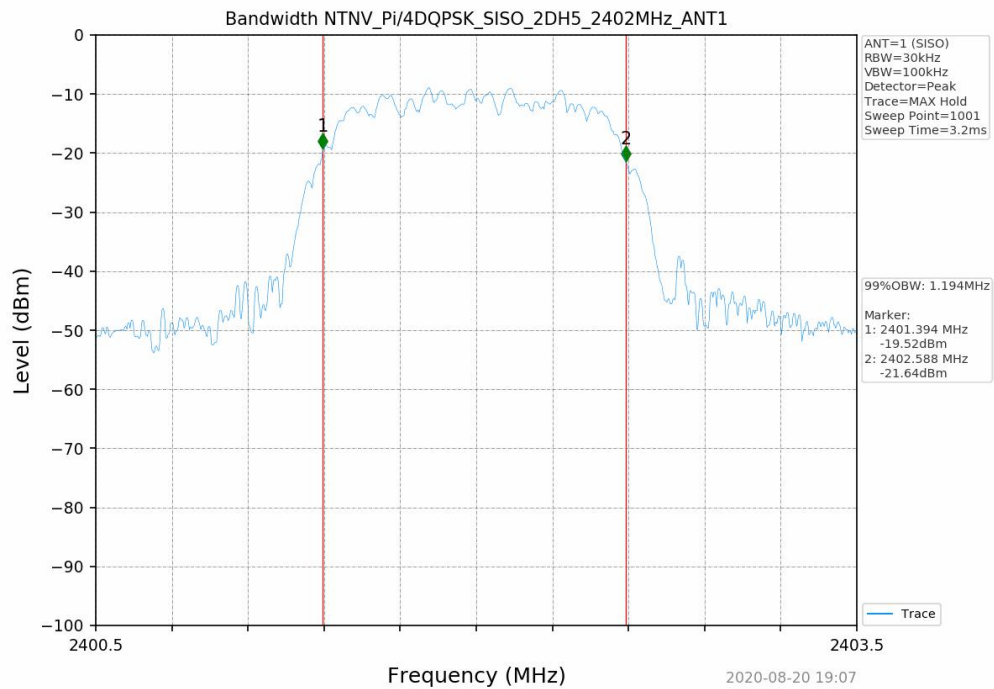


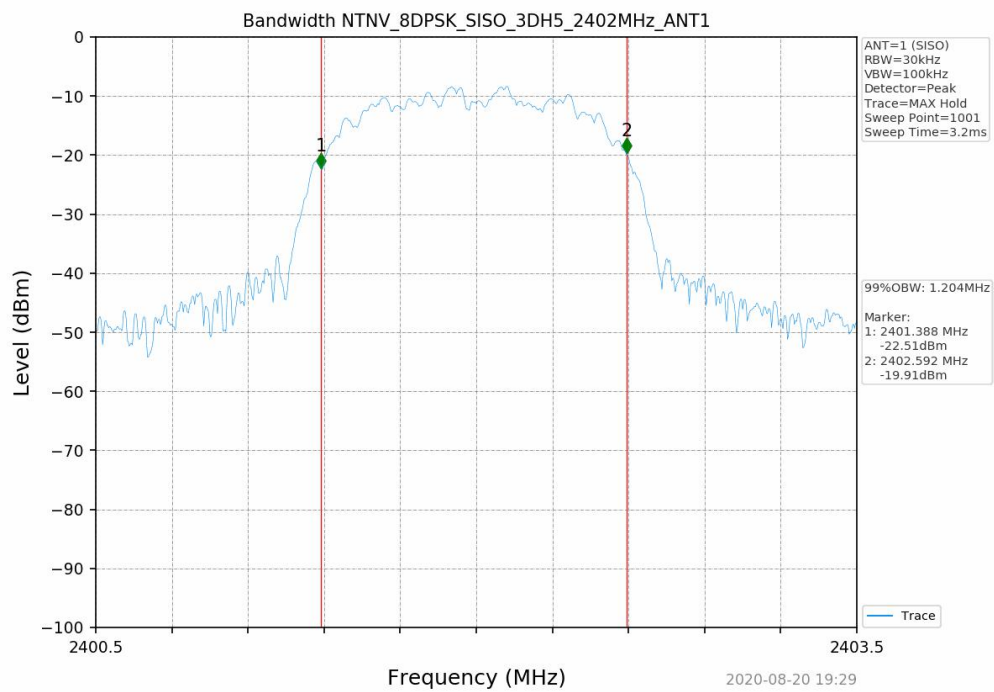
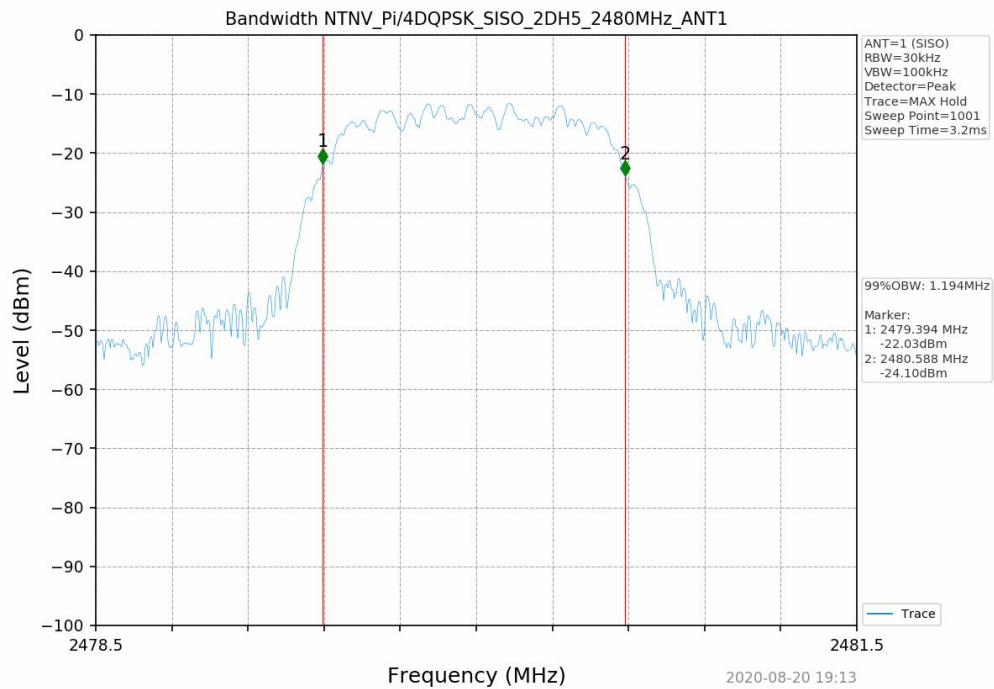


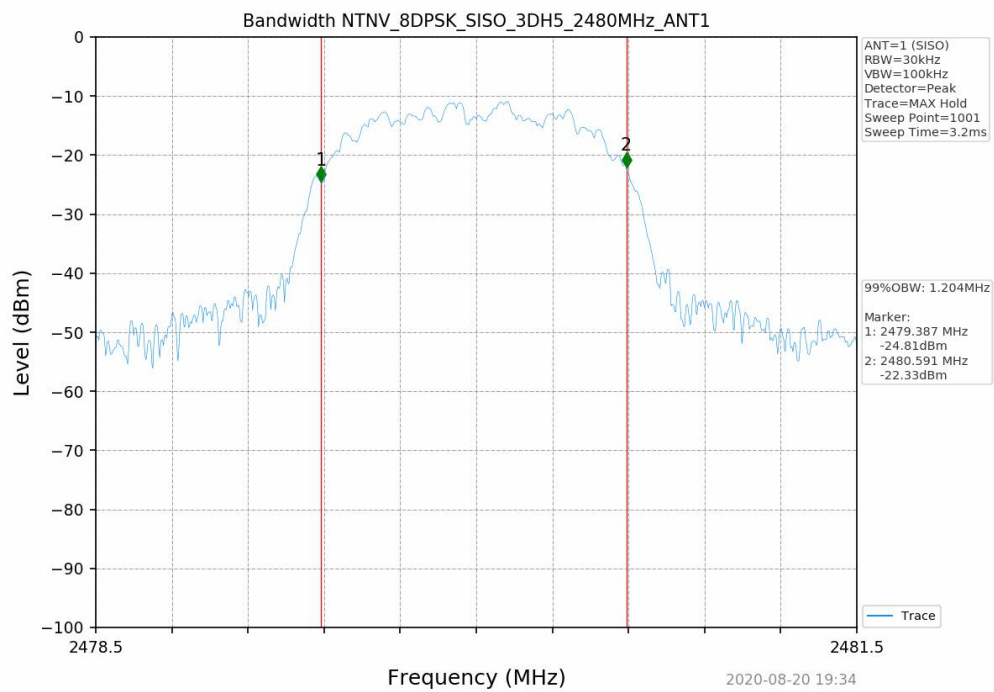
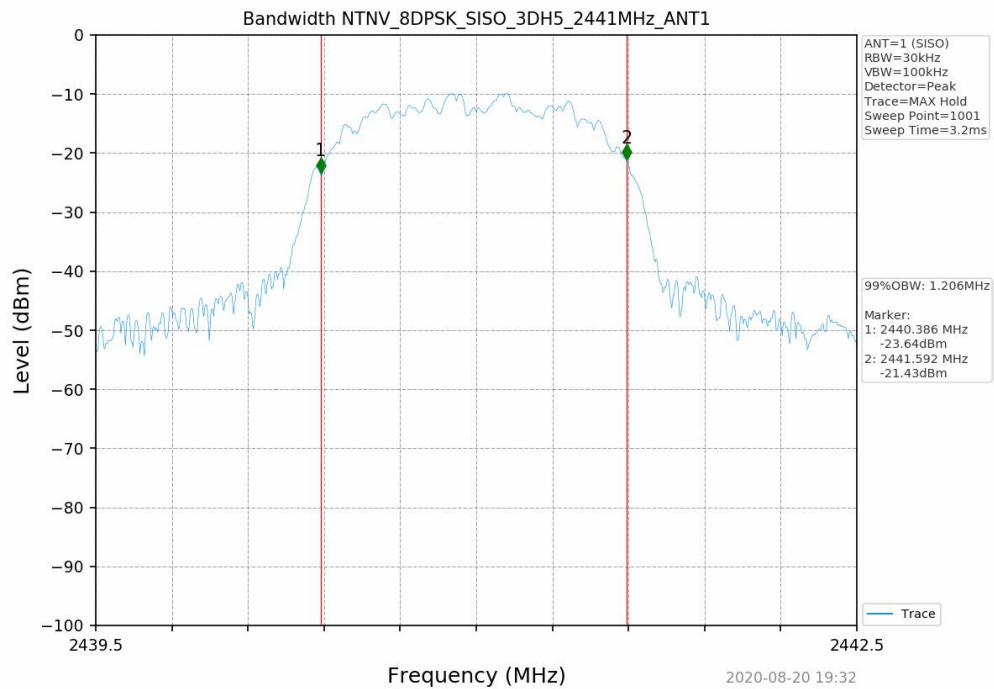
1.3 Test Graph - 99% Occupied Bandwidth









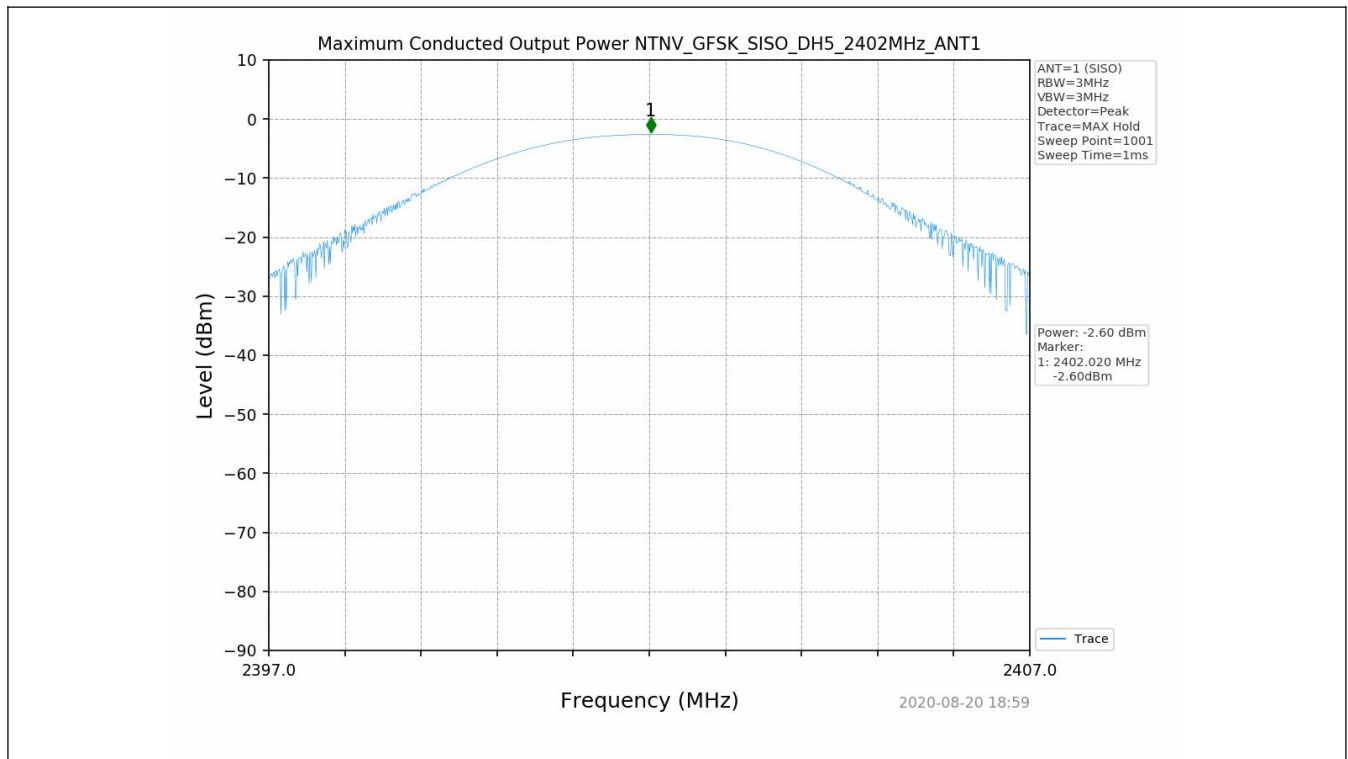


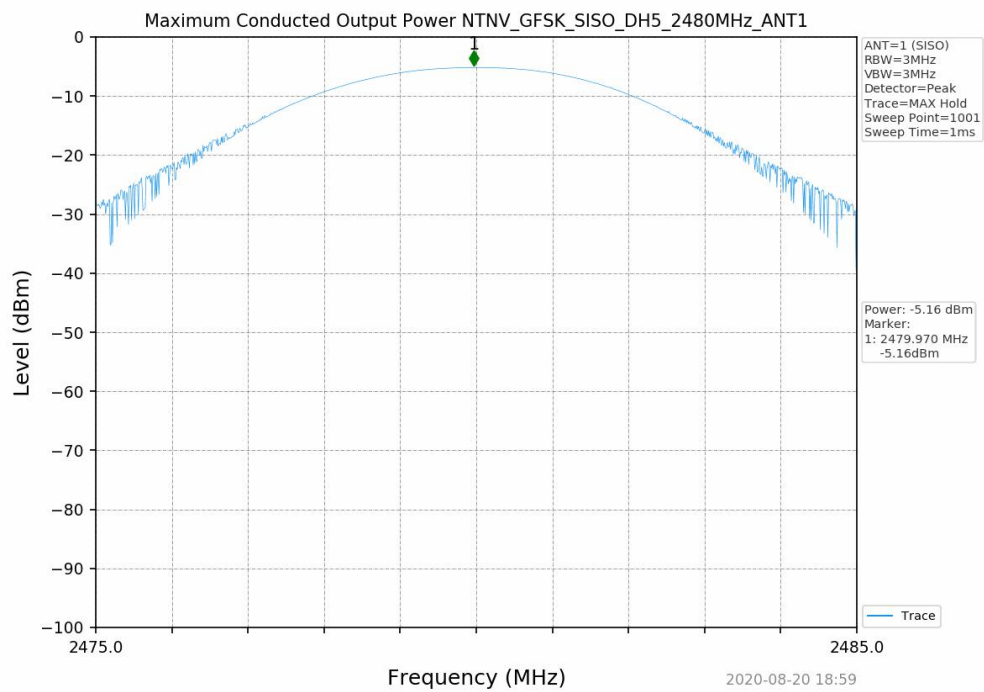
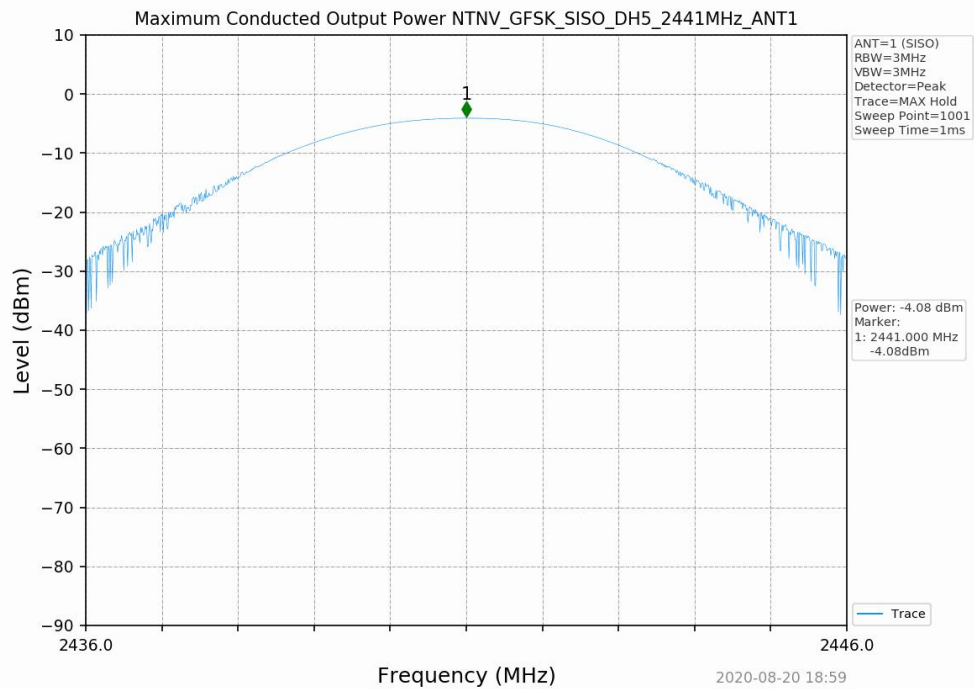
2. Maximum Conducted Output Power

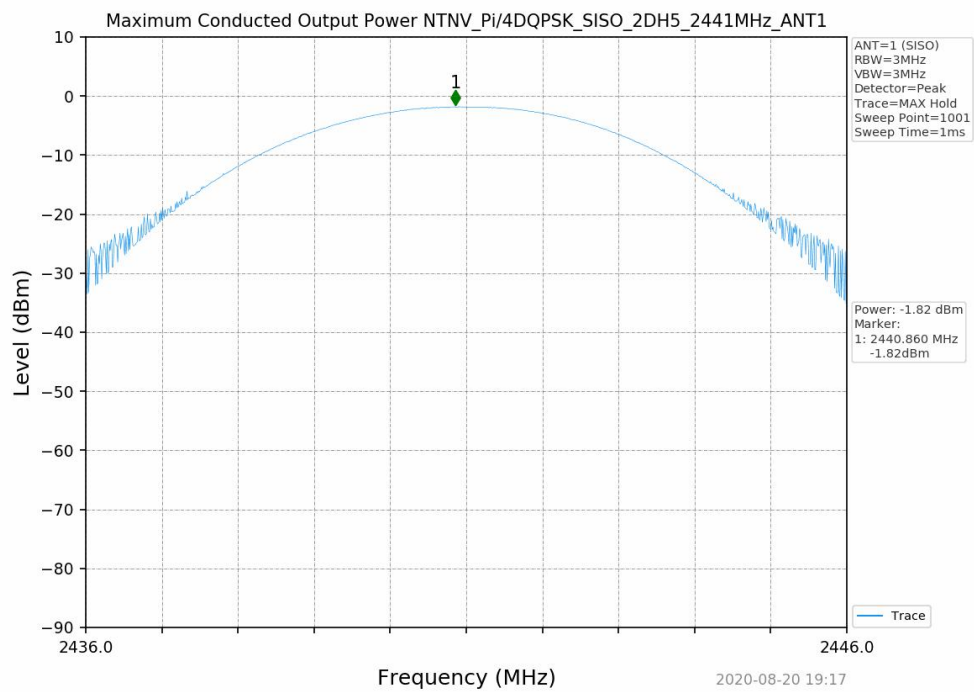
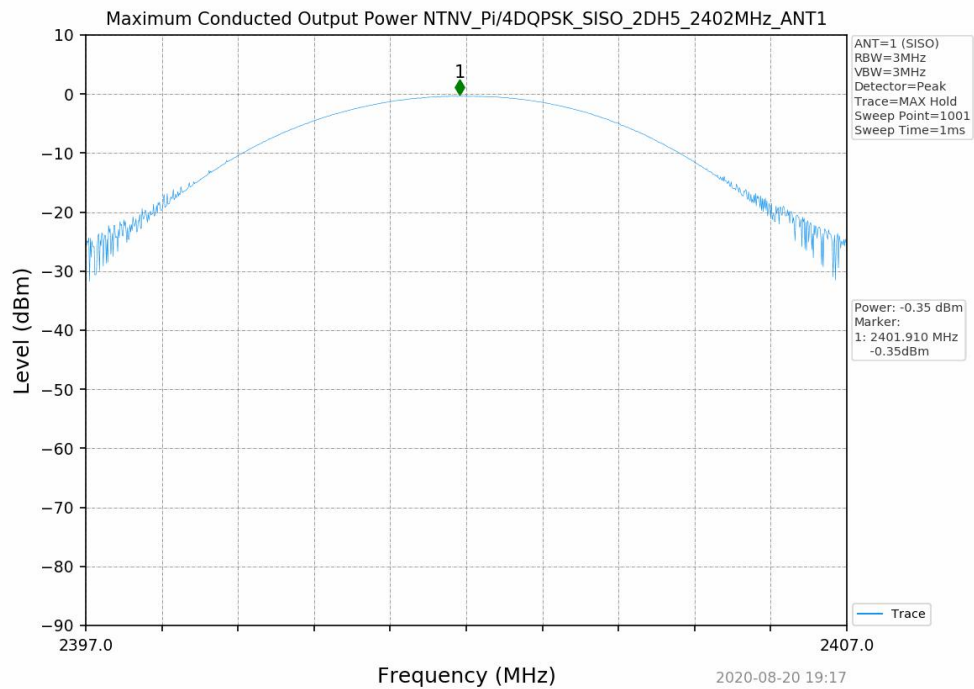
2.1 Test Result

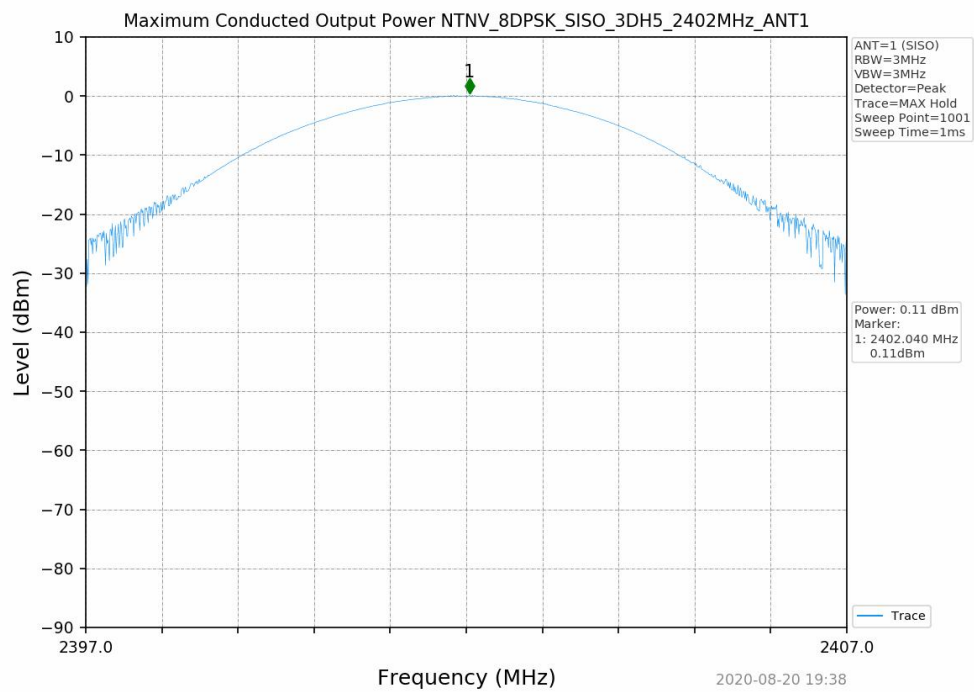
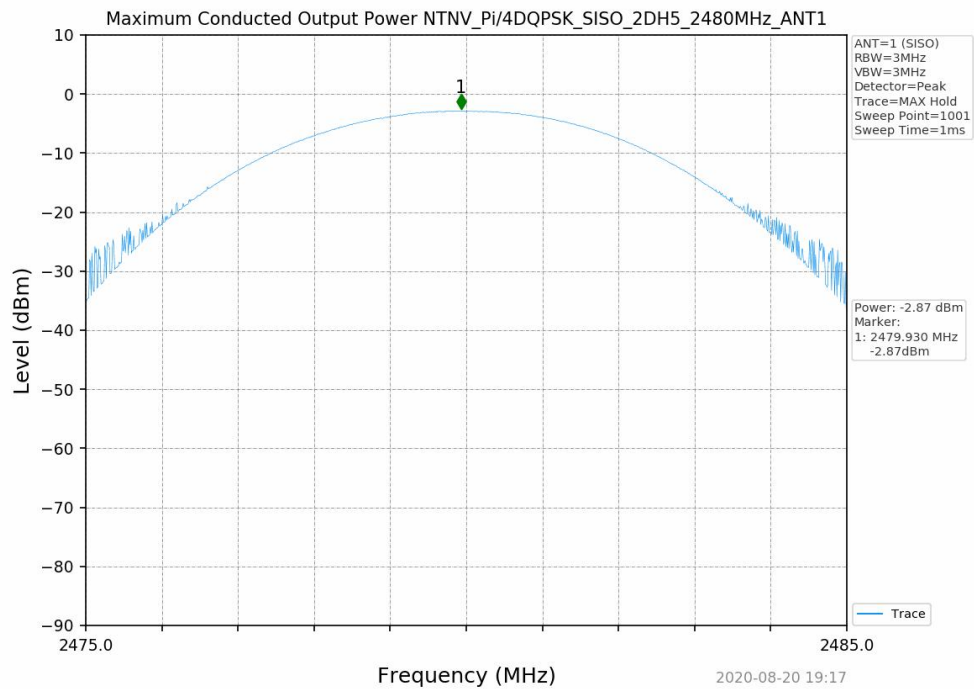
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	-2.60	30	PASS
	2441	SISO	-4.08	30	PASS
	2480	SISO	-5.16	30	PASS
Pi/4DQPSK	2402	SISO	-0.35	20.97	PASS
	2441	SISO	-1.82	20.97	PASS
	2480	SISO	-2.87	20.97	PASS
8DPSK	2402	SISO	0.11	20.97	PASS
	2441	SISO	-1.32	20.97	PASS
	2480	SISO	-2.36	20.97	PASS

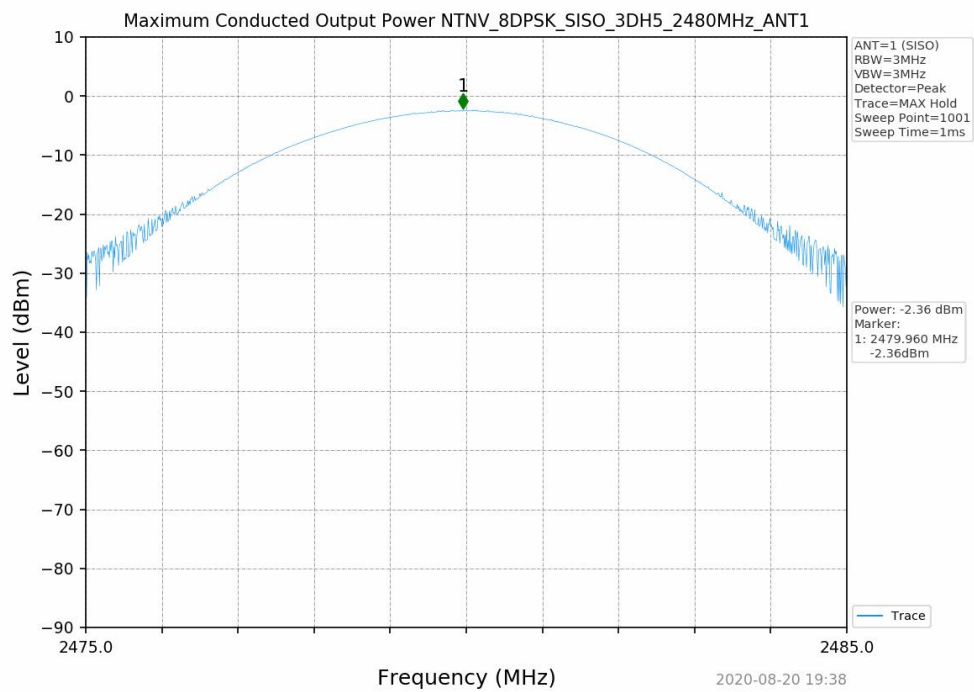
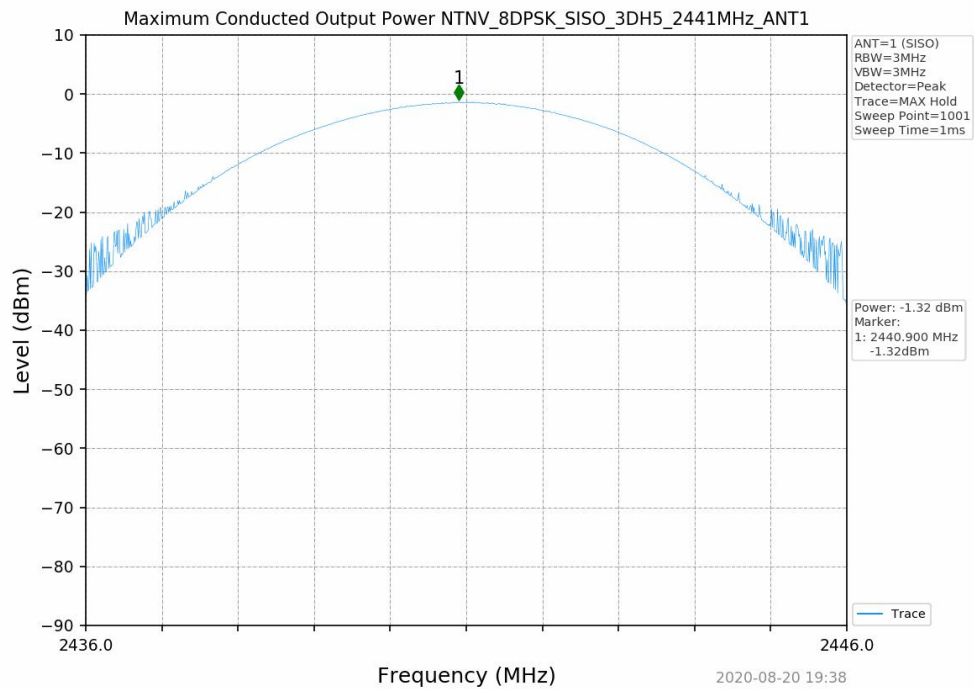
2.2 Test Graph









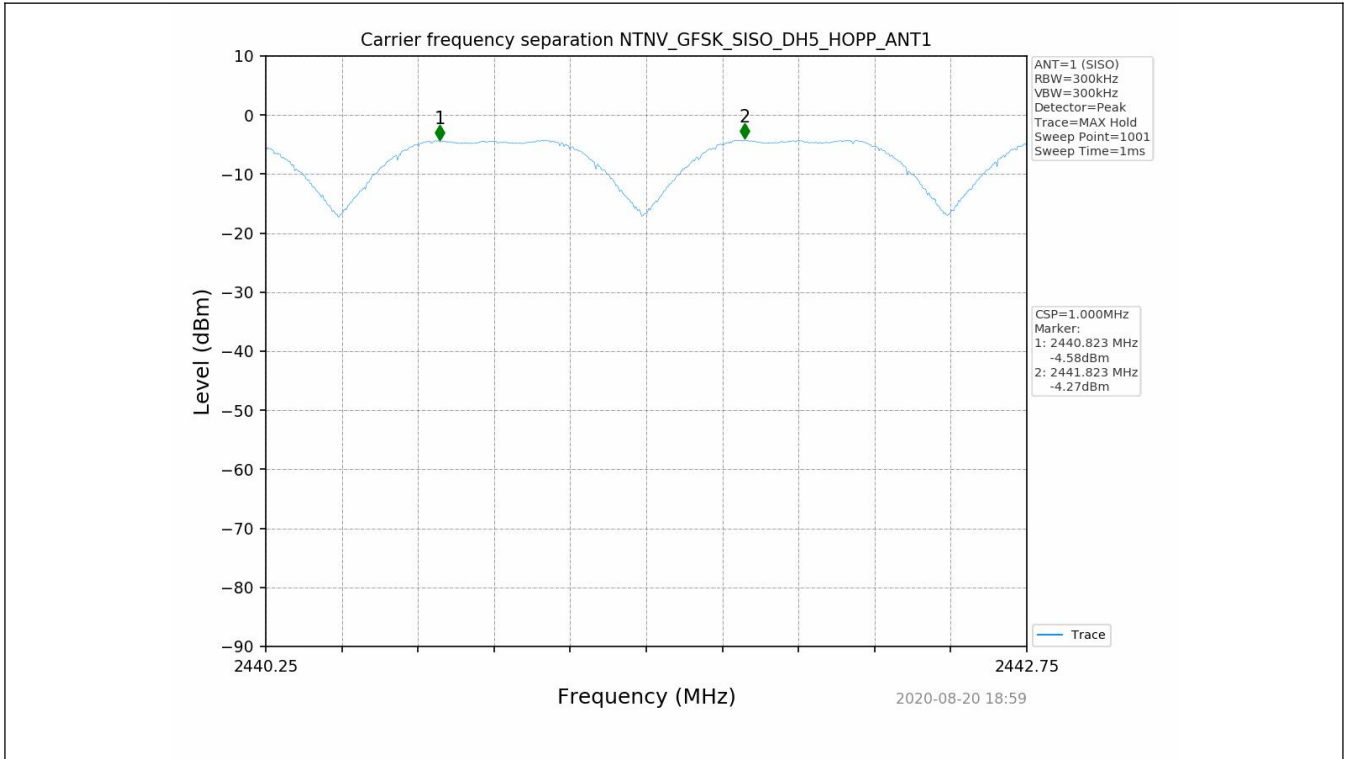


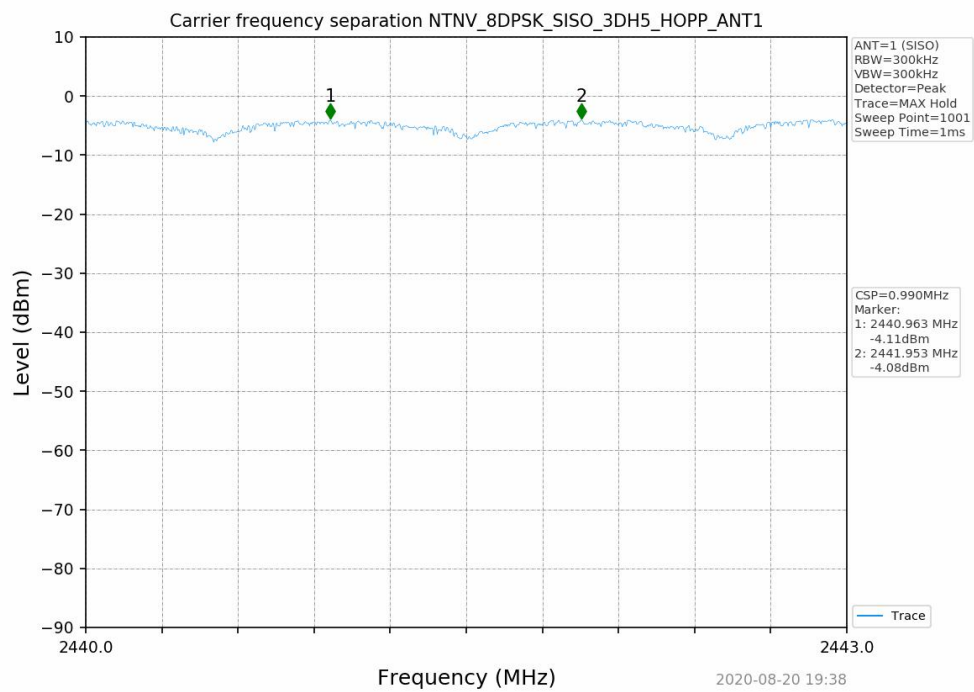
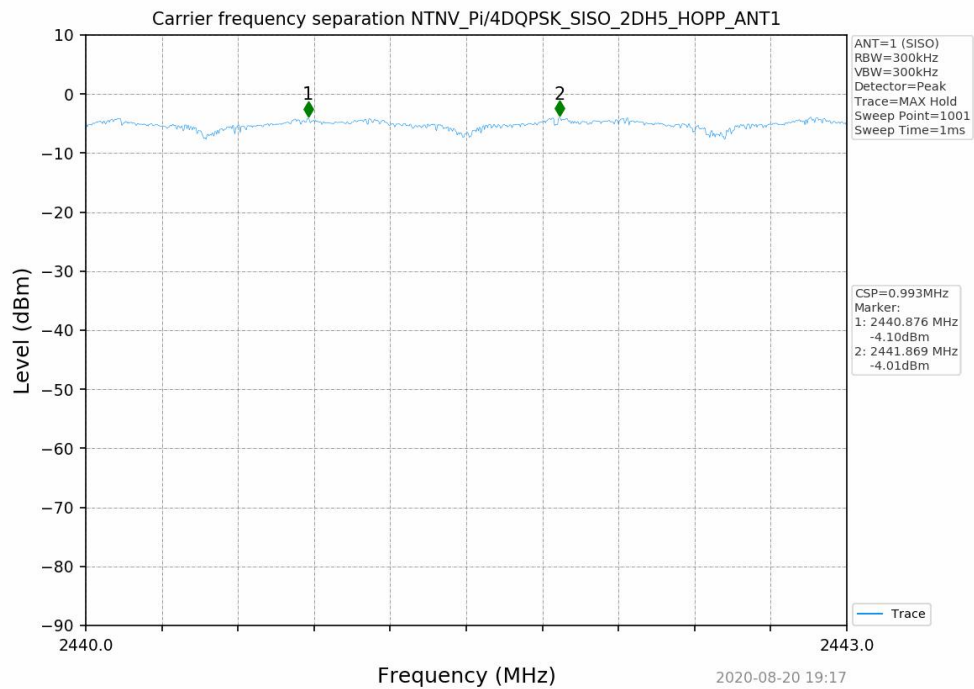
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.000	1.031	≥ 0.687	PASS
Pi/4DQPSK	SISO	1	0.993	1.366	≥ 0.911	PASS
8DPSK	SISO	1	0.990	1.347	≥ 0.898	PASS

3.2 Test Graph



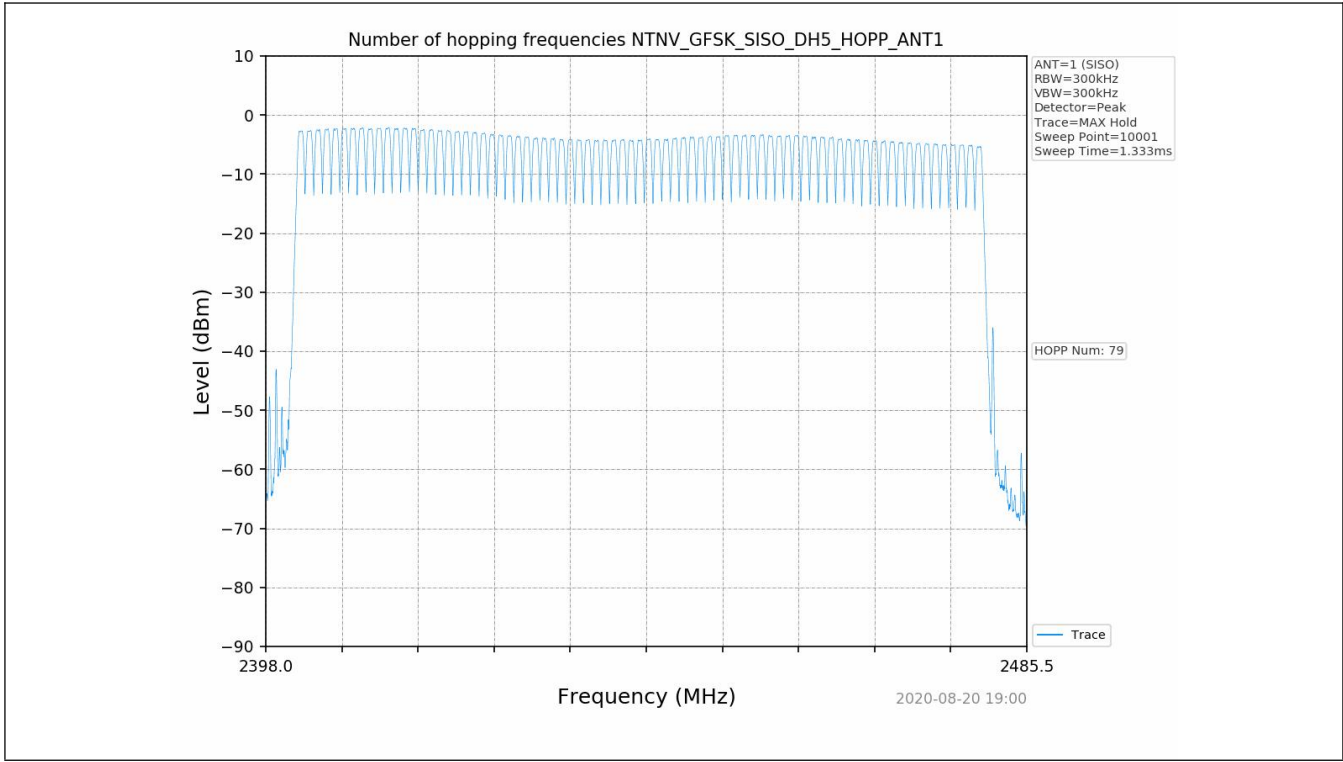


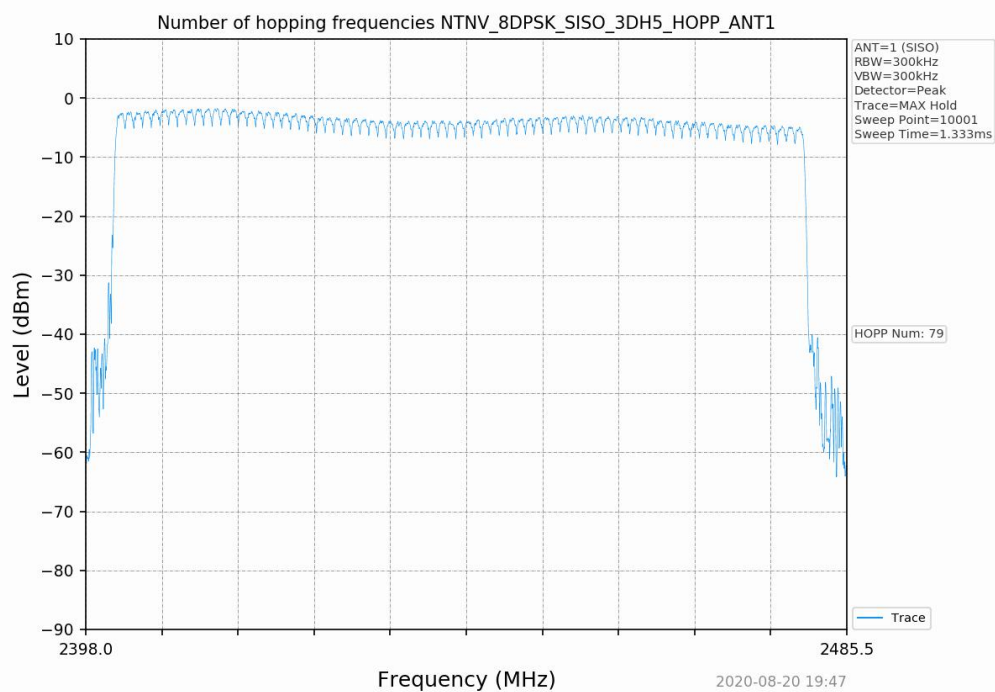
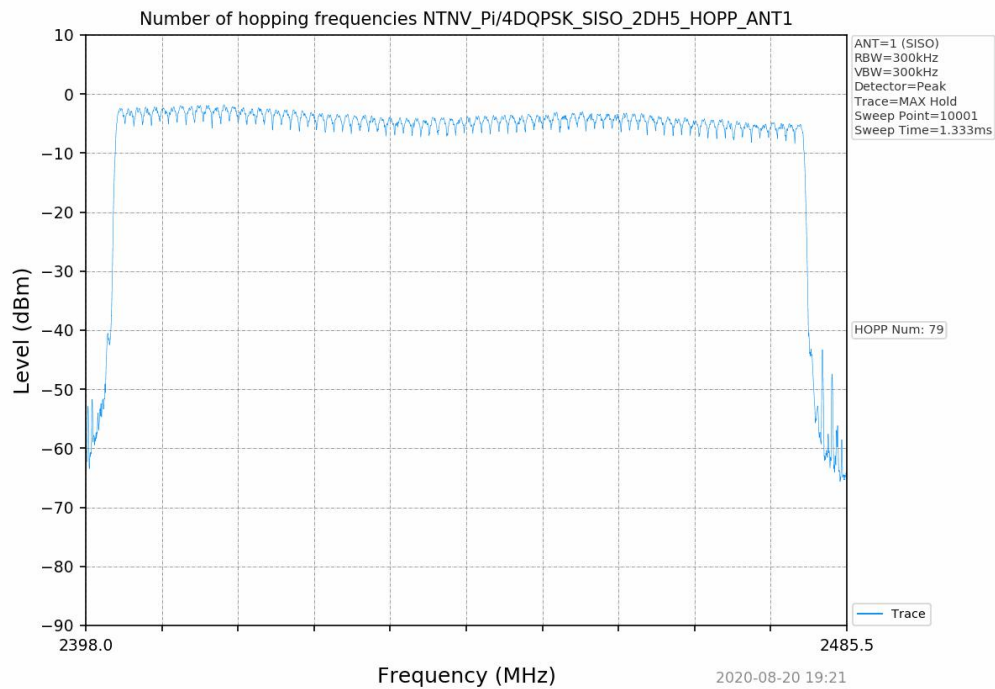
4. Number of hopping frequencies

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



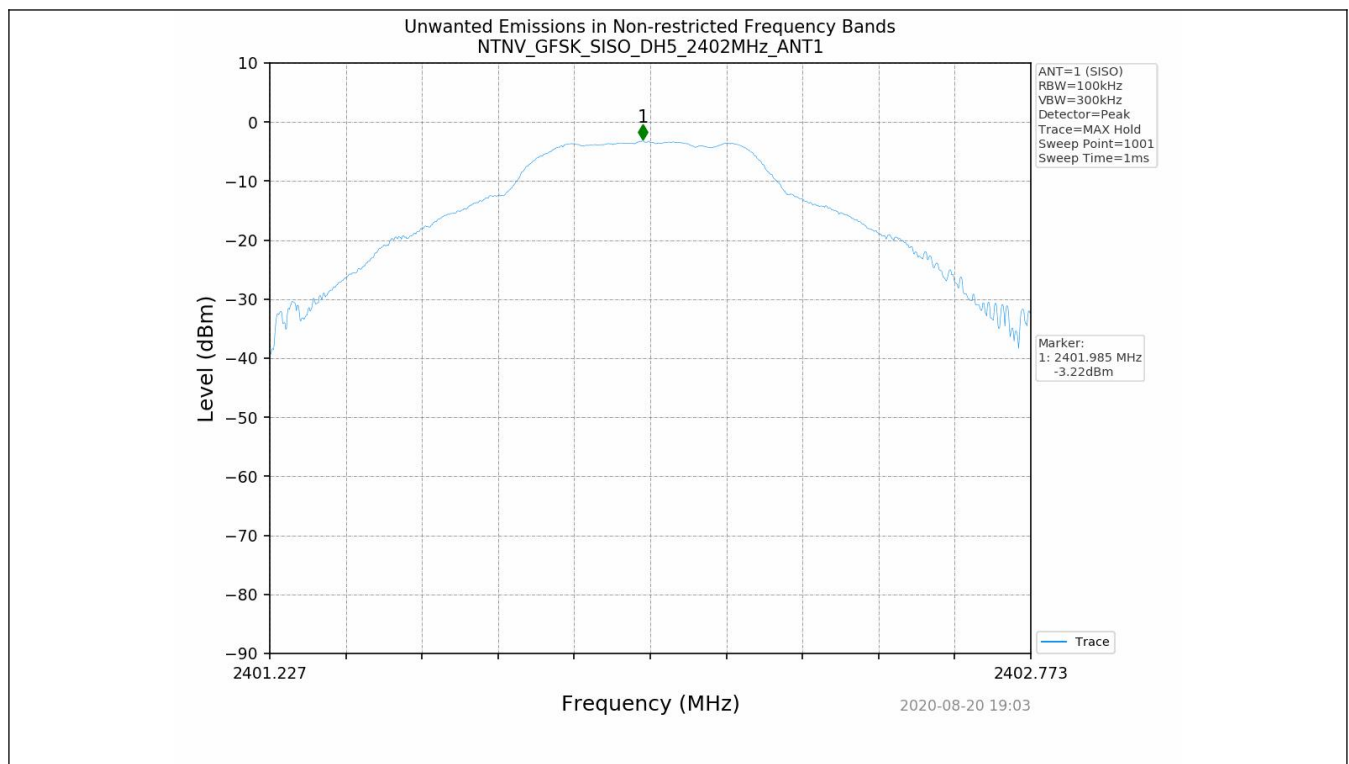


5. Unwanted Emissions in Non-restricted Frequency Bands

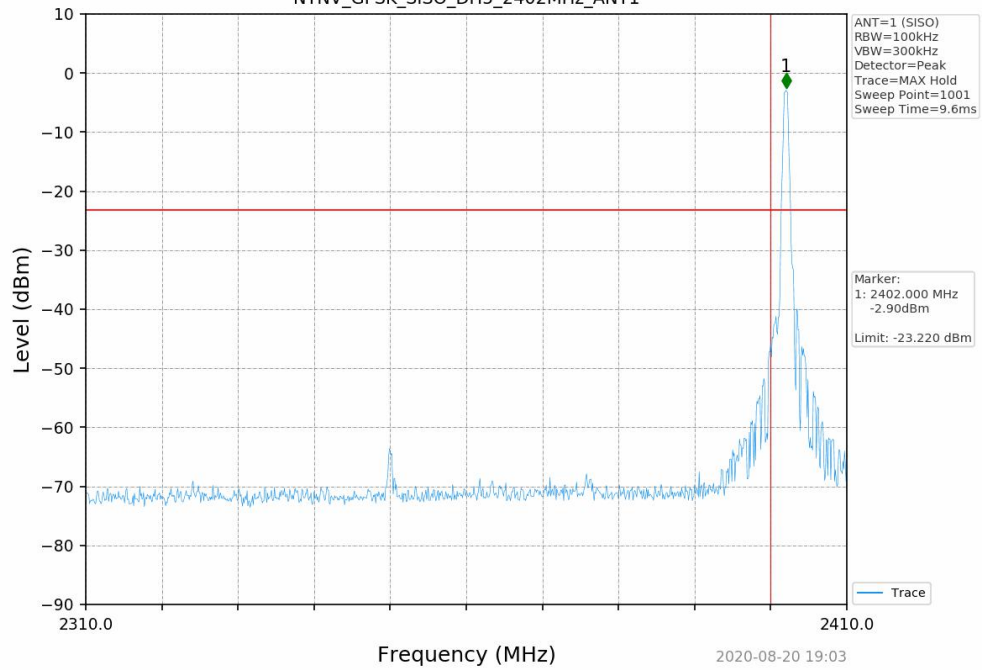
5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-23.22	PASS
	2441	SISO	1	Refer to test graph	-23.22	PASS
	2480	SISO	1	Refer to test graph	-23.22	PASS
	Hopping	SISO	1	Refer to test graph	-23.22	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-24.29	PASS
	2441	SISO	1	Refer to test graph	-24.29	PASS
	2480	SISO	1	Refer to test graph	-24.29	PASS
	Hopping	SISO	1	Refer to test graph	-24.29	PASS
8DPSK	2402	SISO	1	Refer to test graph	-24.36	PASS
	2441	SISO	1	Refer to test graph	-24.36	PASS
	2480	SISO	1	Refer to test graph	-24.36	PASS
	Hopping	SISO	1	Refer to test graph	-24.36	PASS

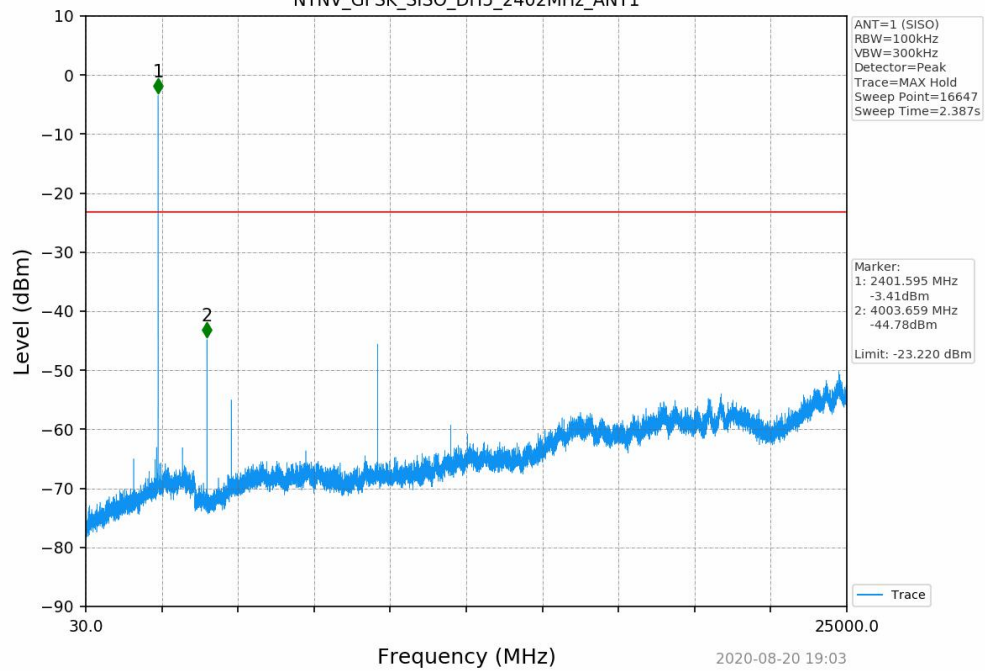
5.2 Test Graph

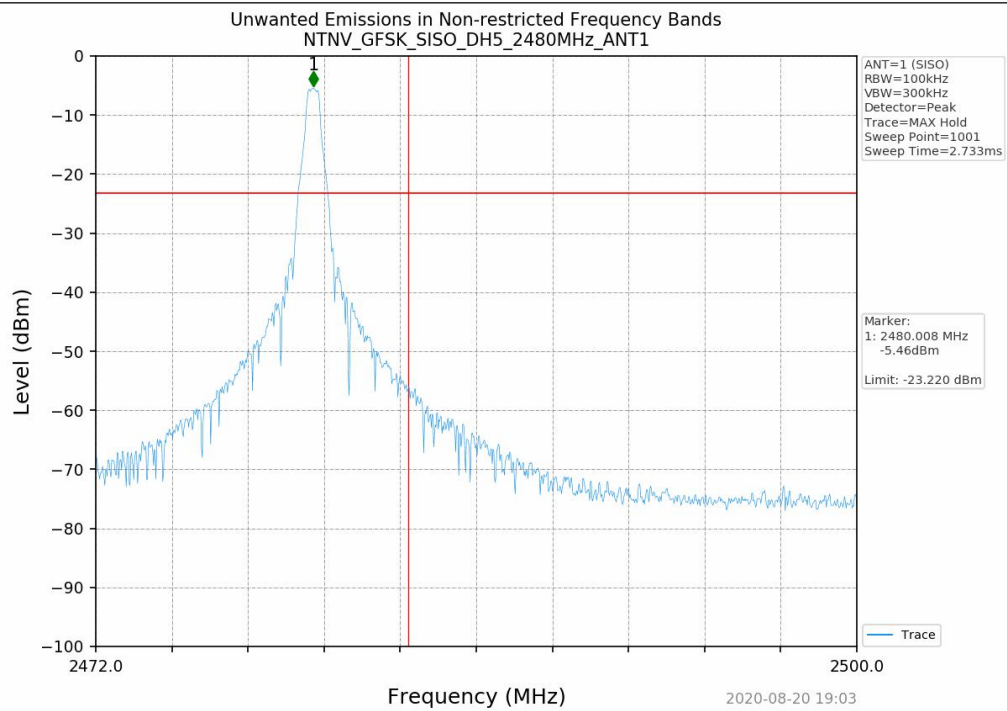
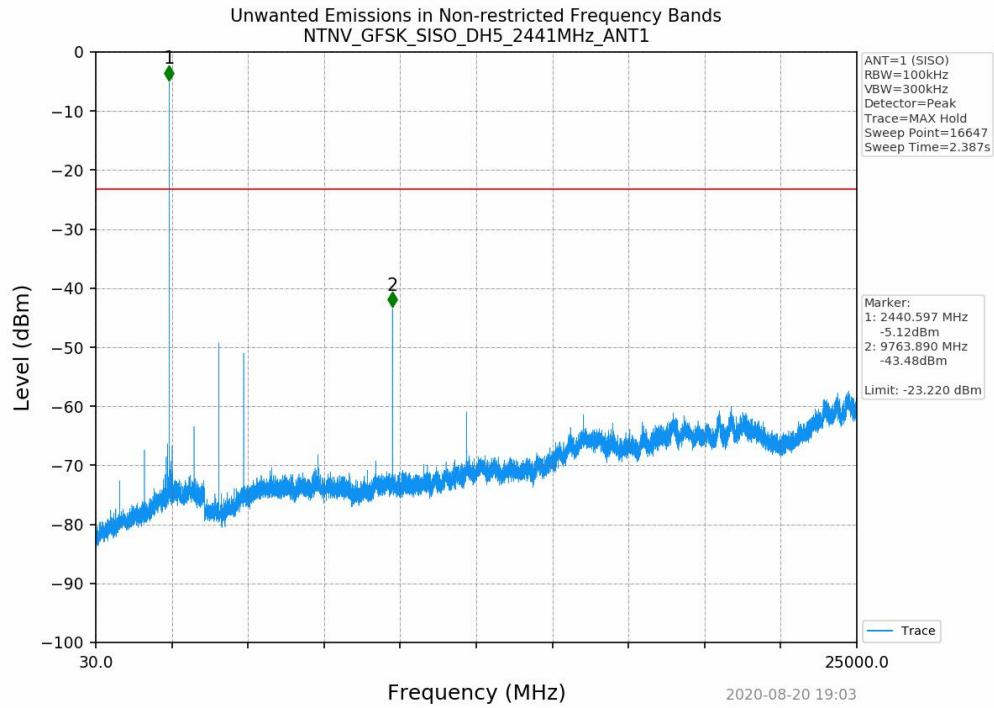


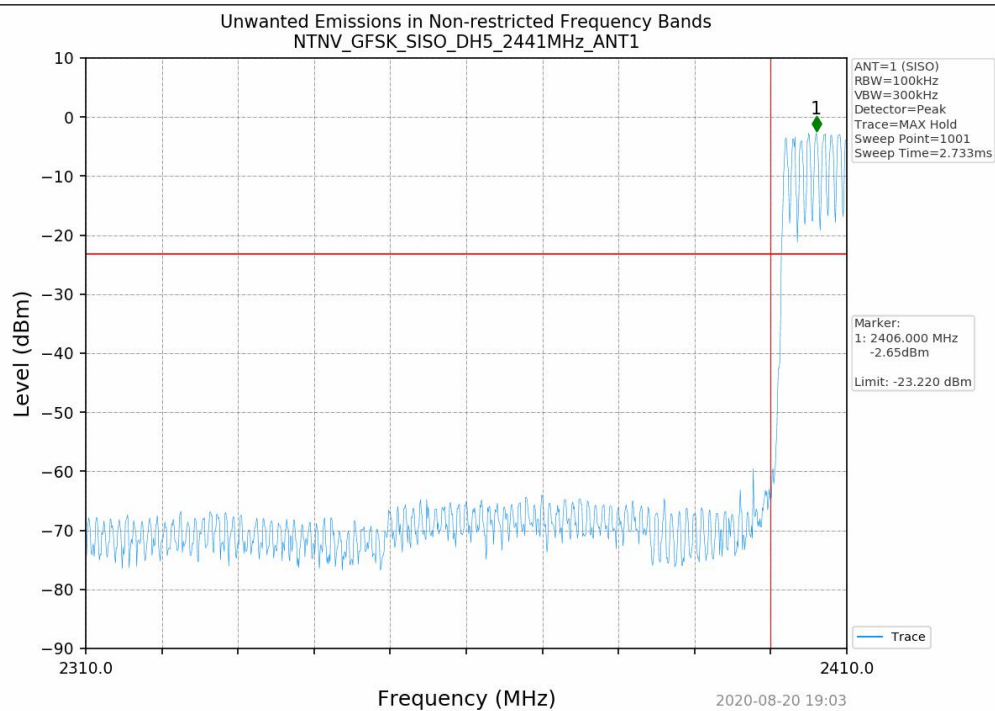
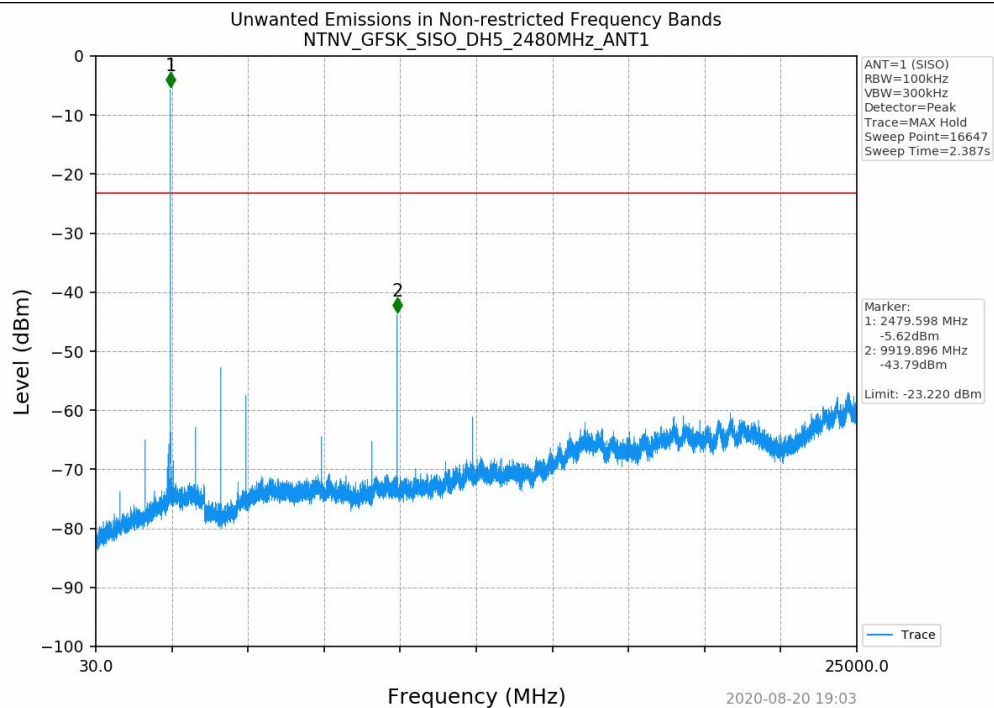
Unwanted Emissions in Non-restricted Frequency Bands
NTNV_GFSK_SISO_DH5_2402MHz_ANT1

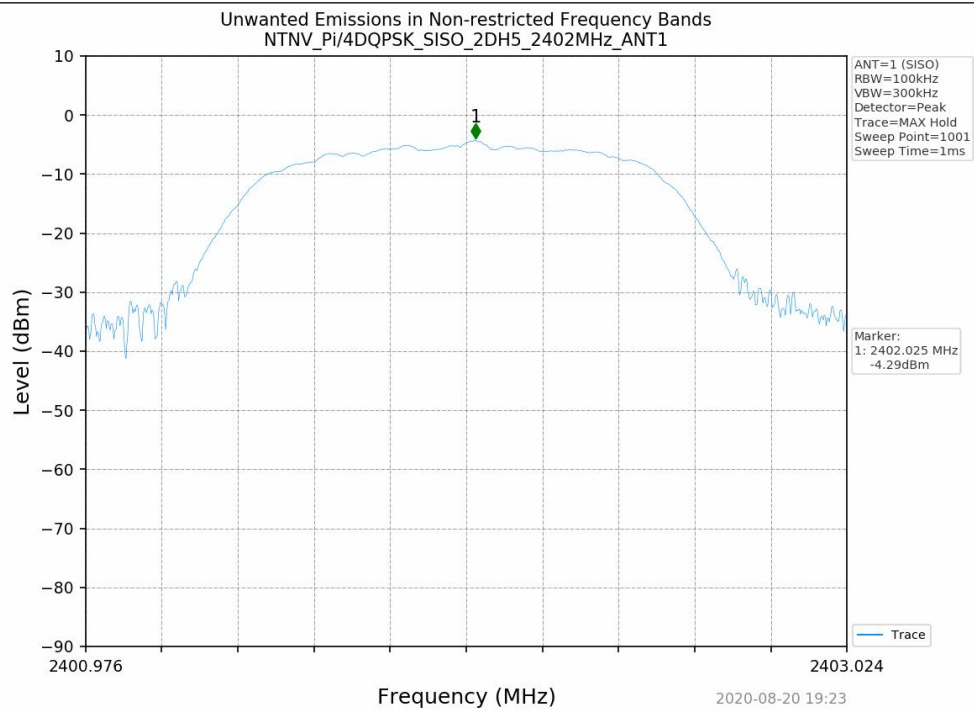
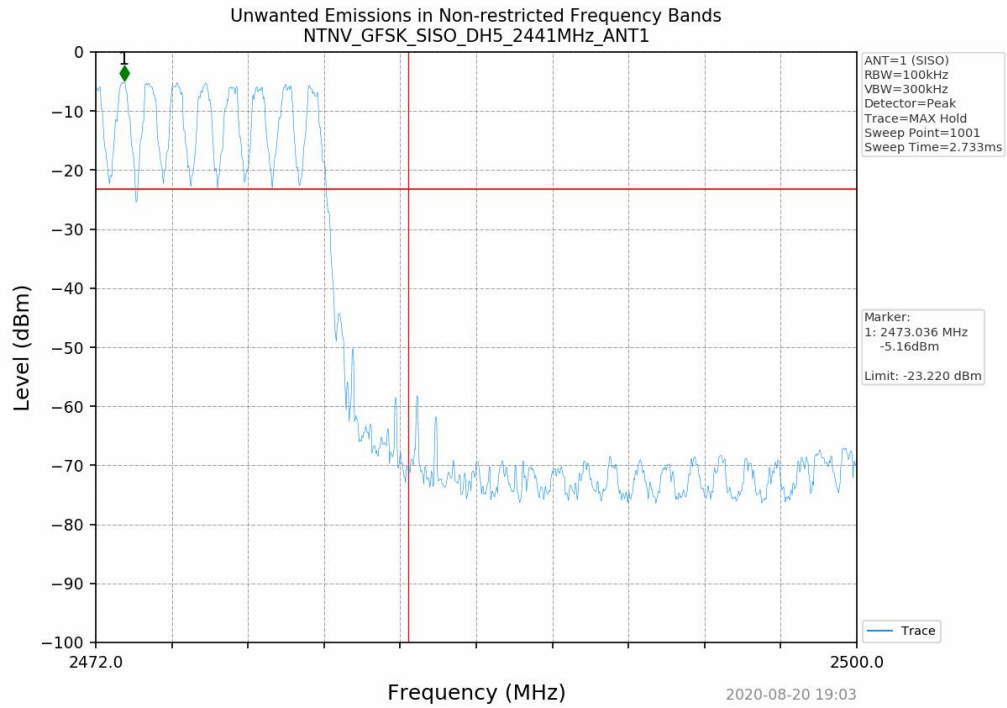


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_GFSK_SISO_DH5_2402MHz_ANT1

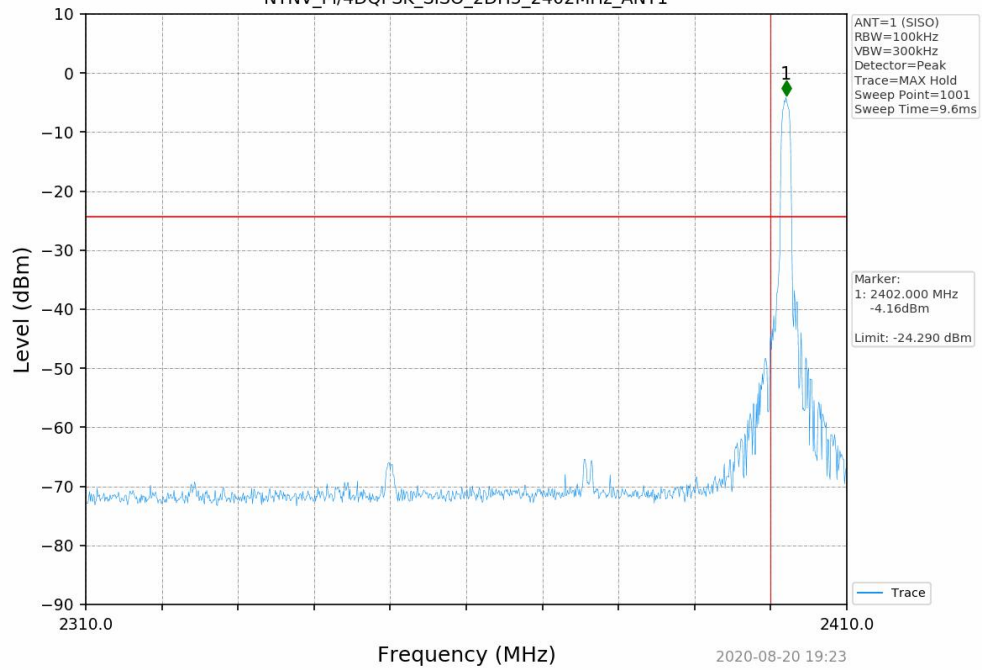




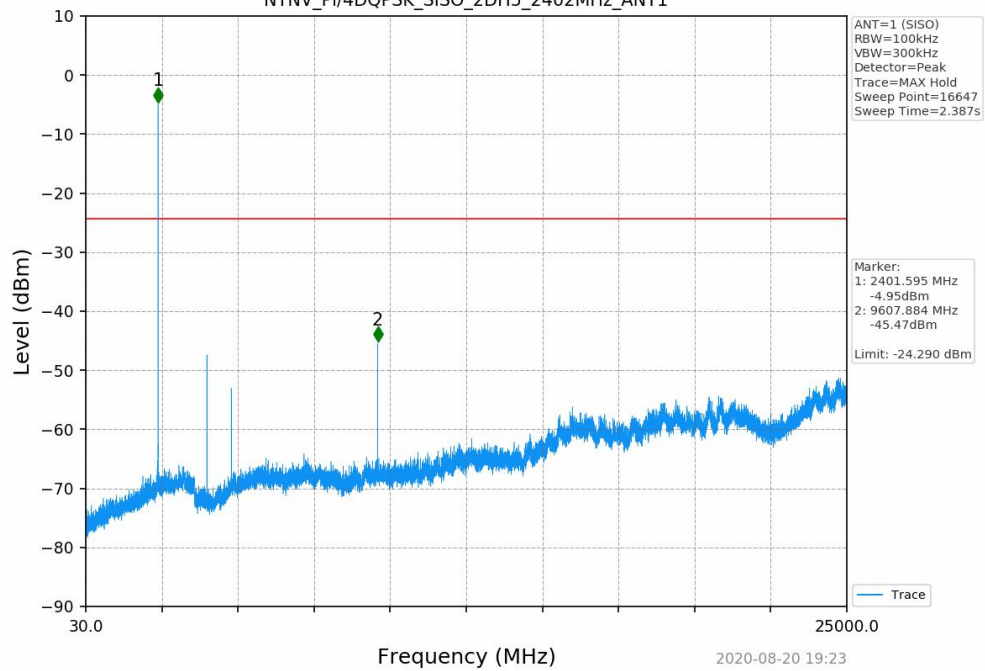


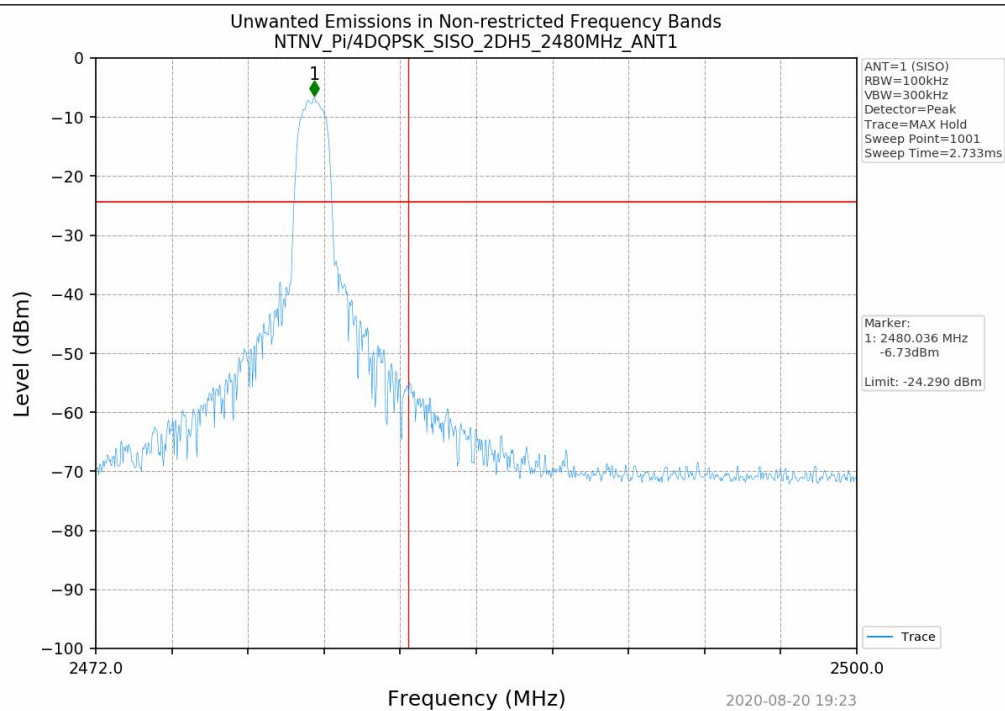
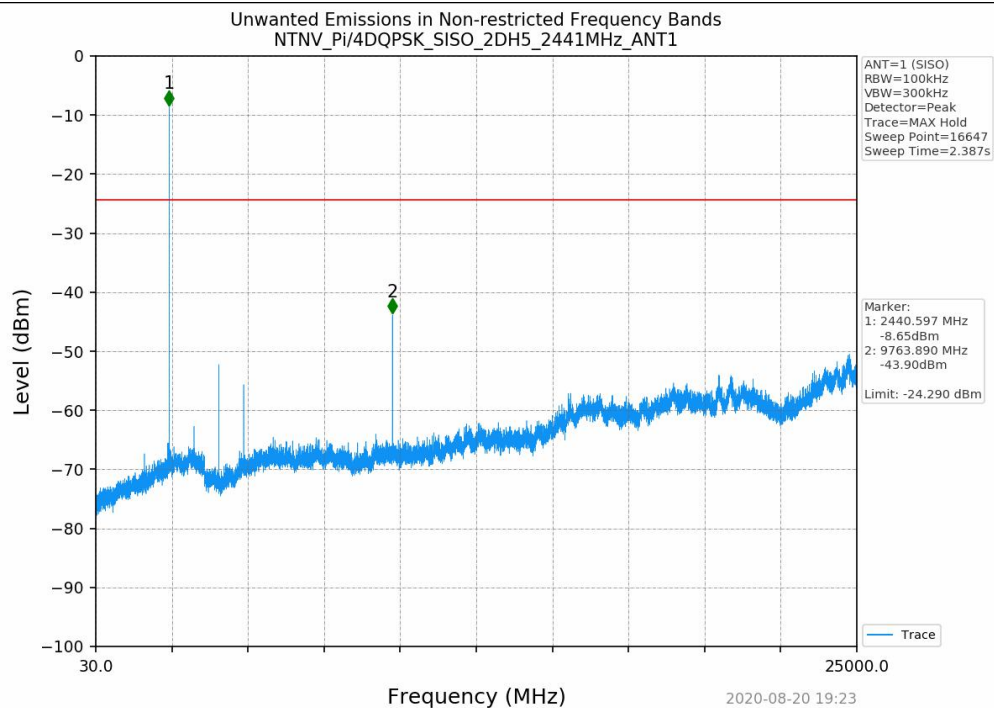


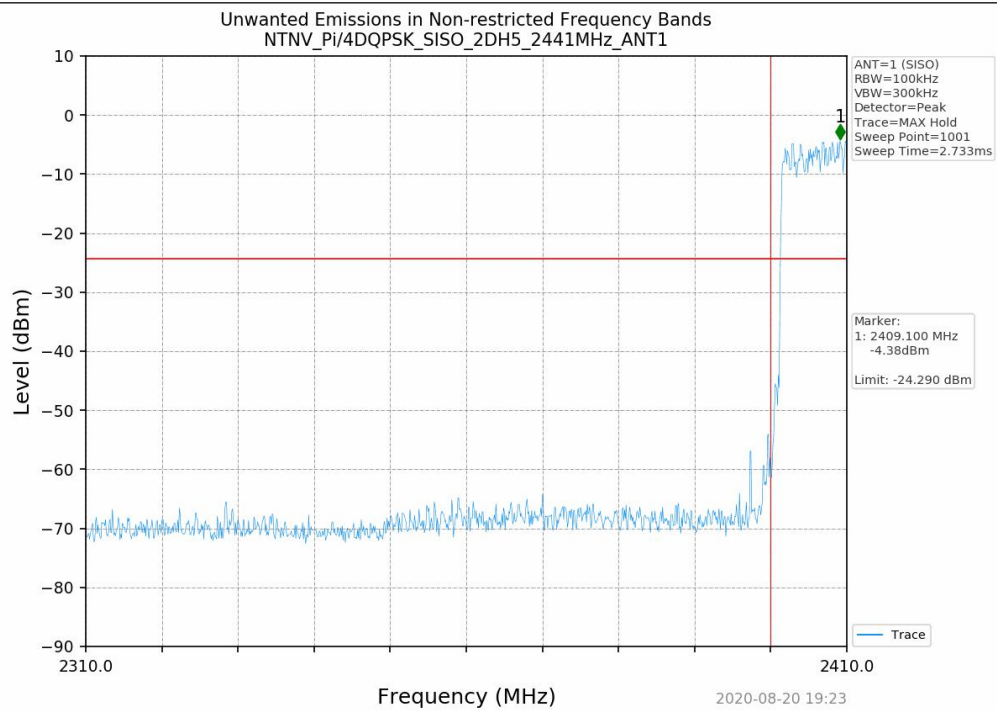
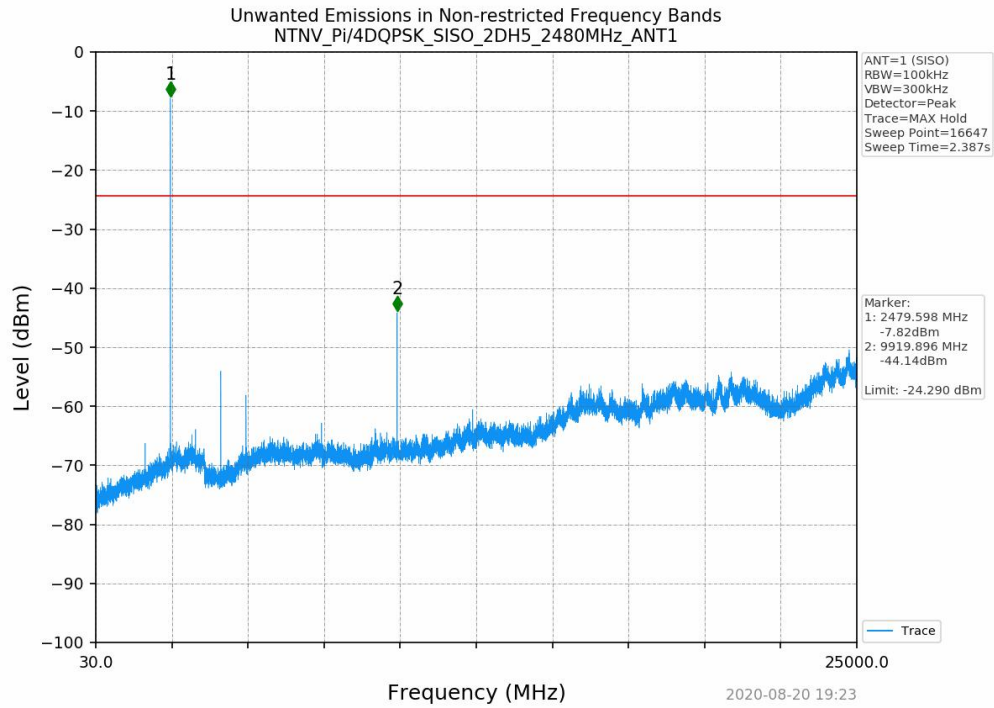
Unwanted Emissions in Non-restricted Frequency Bands
NTNV_Pi/4DQPSK_SISO_2DH5_2402MHz_ANT1

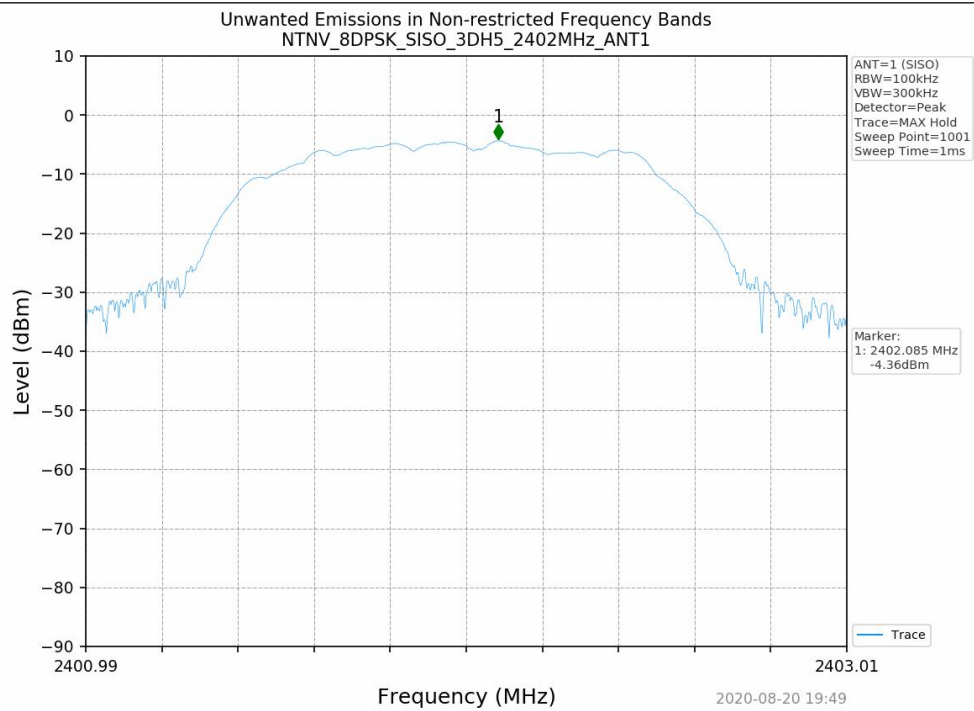
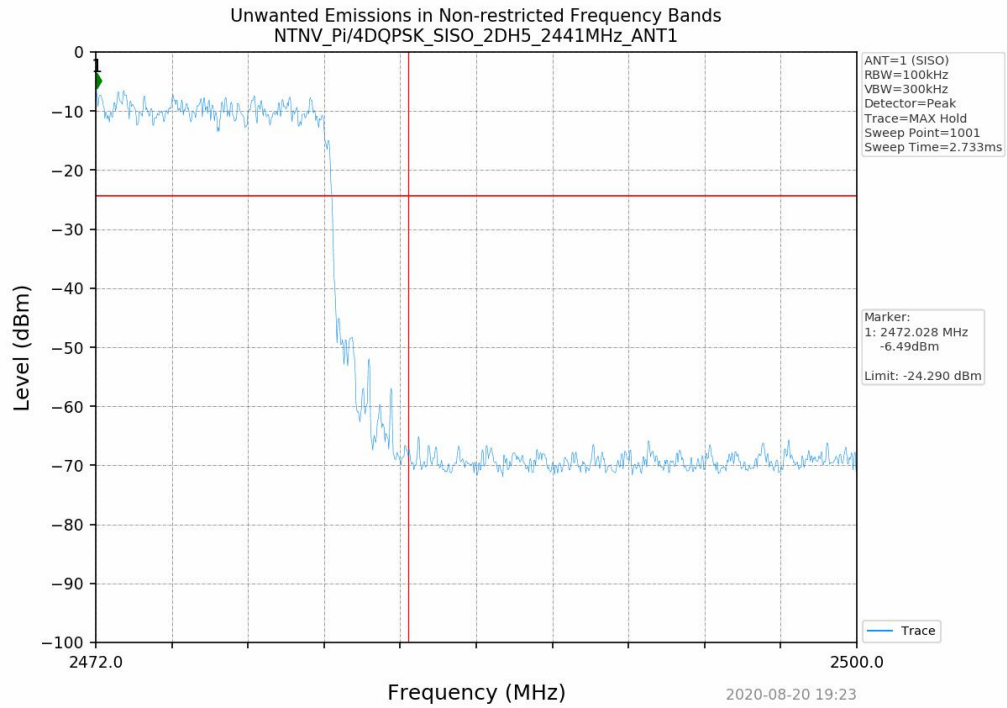


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_Pi/4DQPSK_SISO_2DH5_2402MHz_ANT1

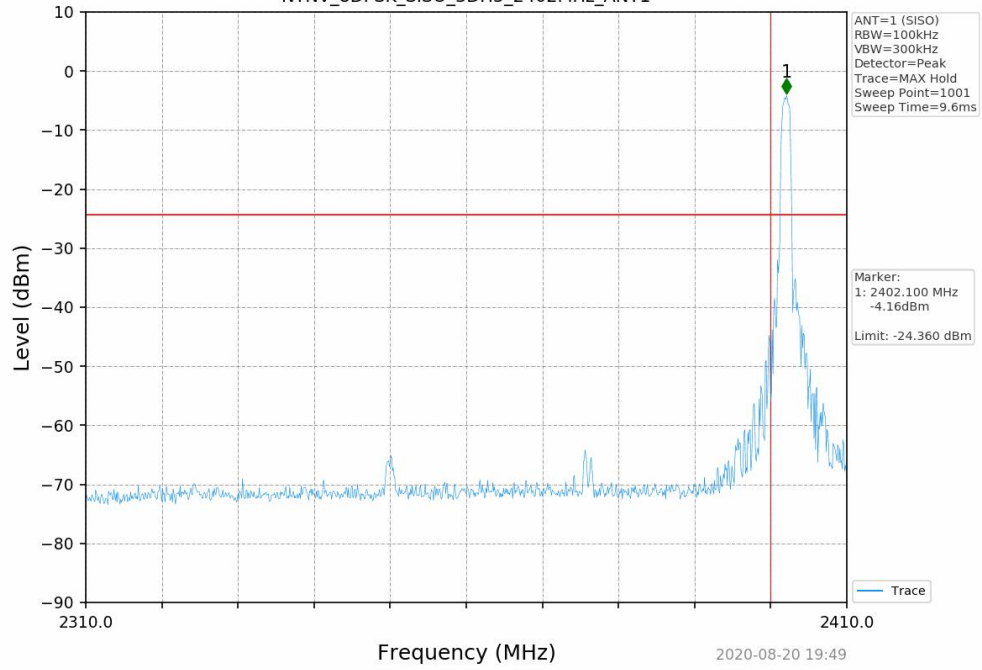




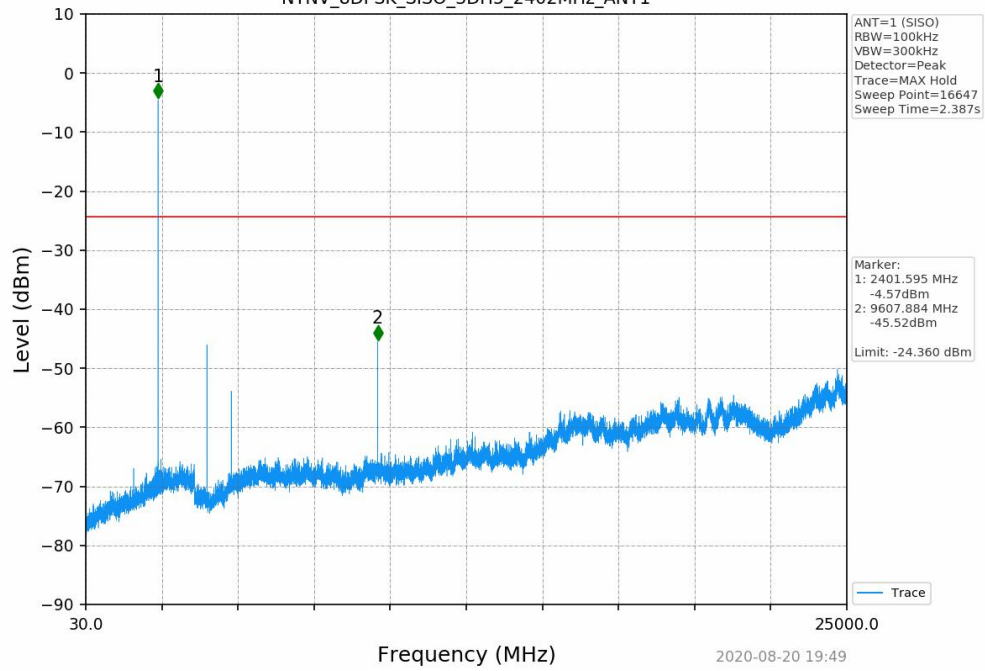


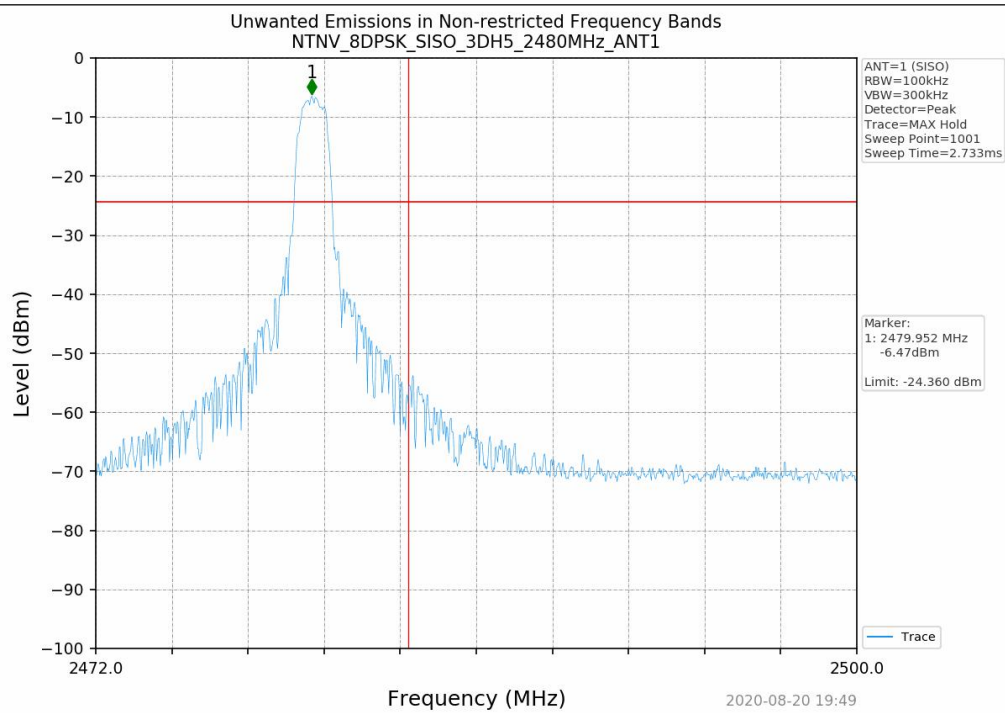
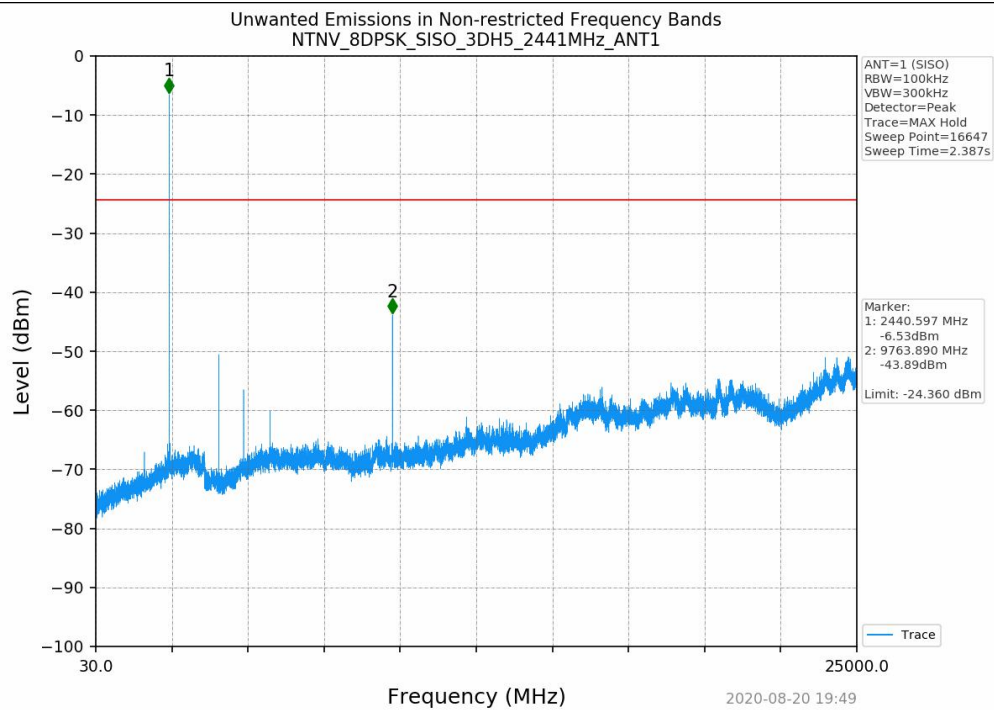


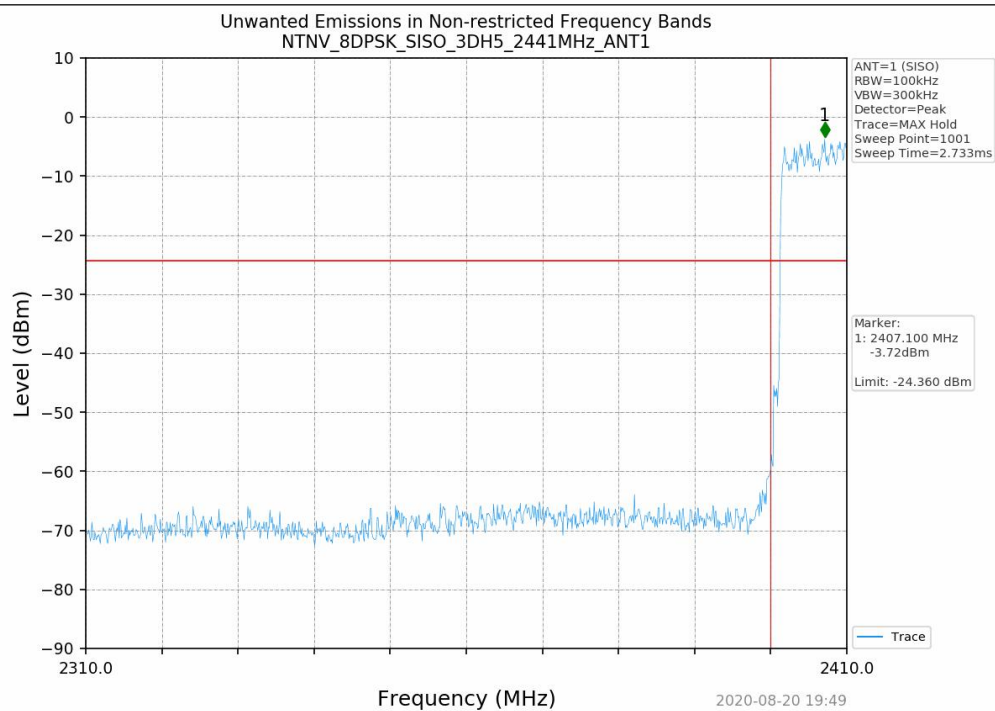
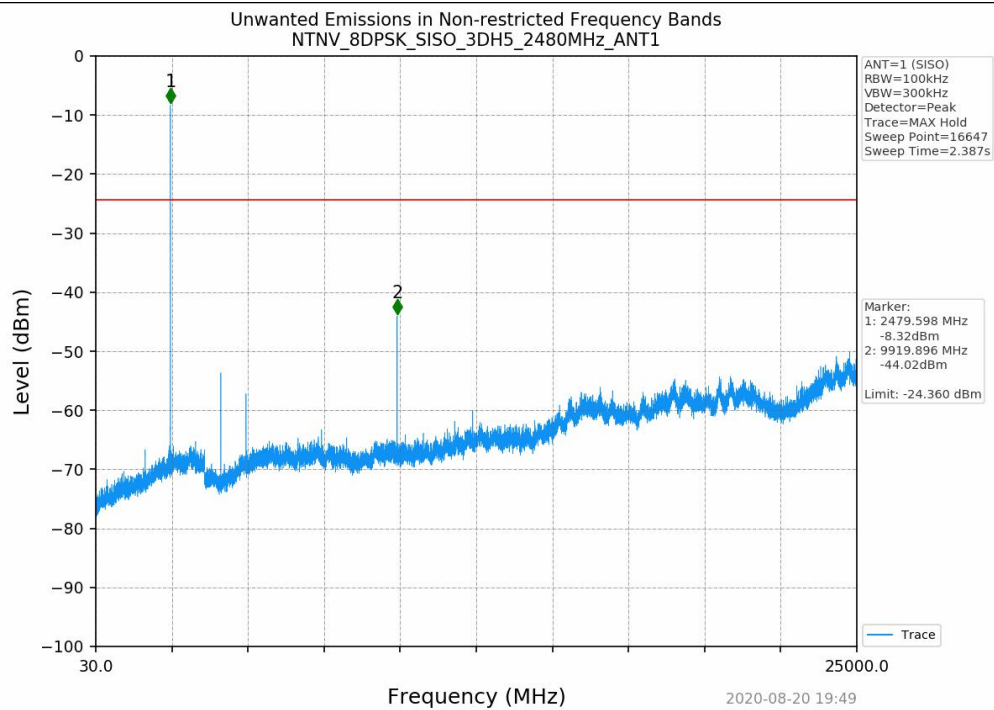
Unwanted Emissions in Non-restricted Frequency Bands
NTNV_8DPSK_SISO_3DH5_2402MHz_ANT1



Unwanted Emissions in Non-restricted Frequency Bands
NTNV_8DPSK_SISO_3DH5_2402MHz_ANT1







Unwanted Emissions in Non-restricted Frequency Bands
NTNV_8DPSK_SISO_3DH5_2441MHz_ANT1

