

Appendix for 15.247

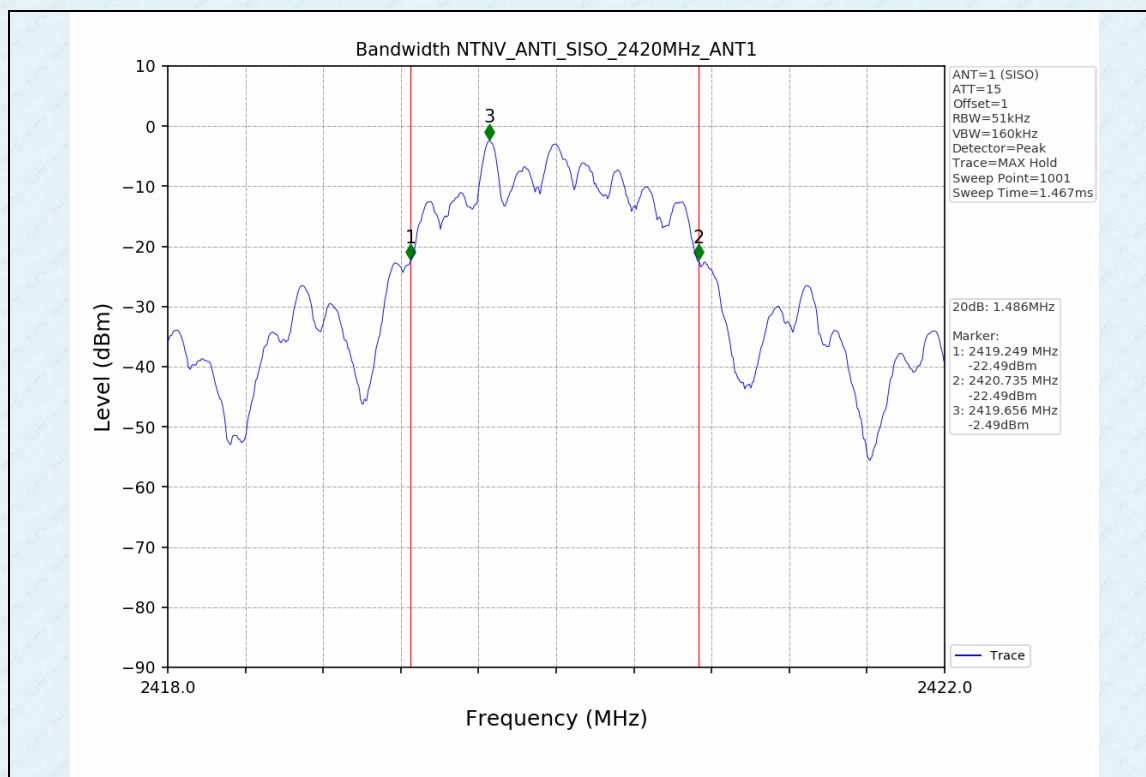
1. Bandwidth

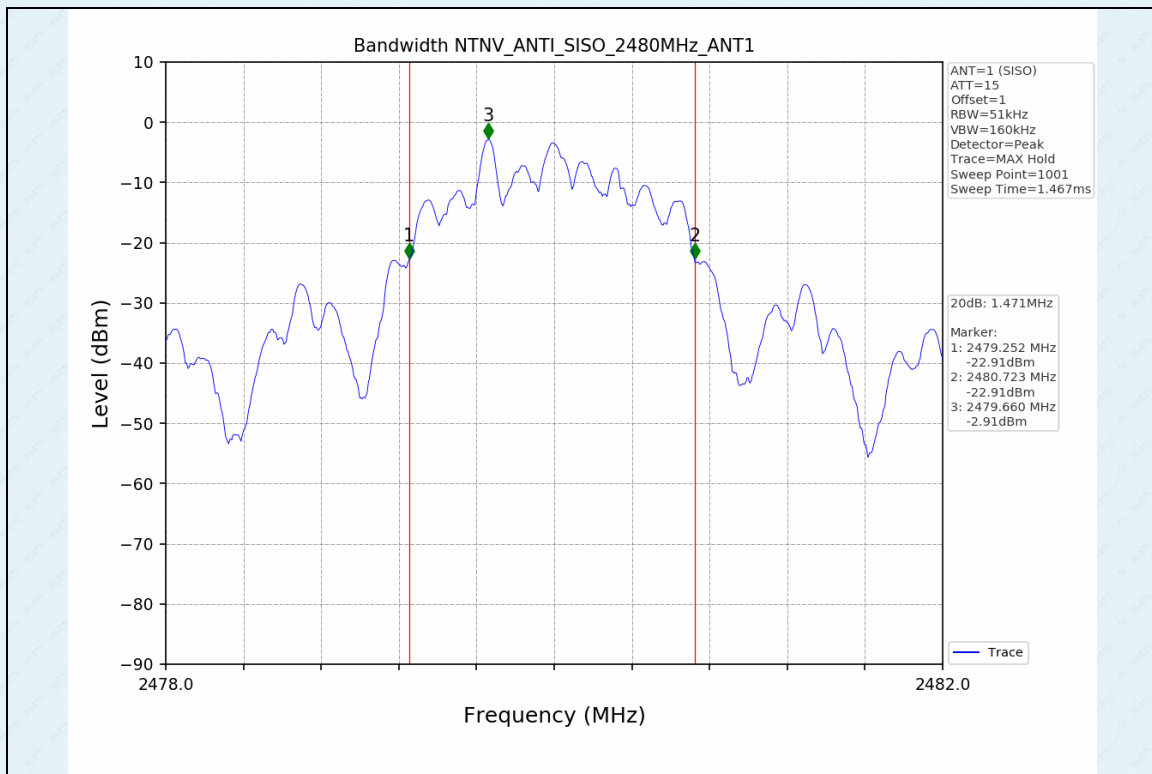
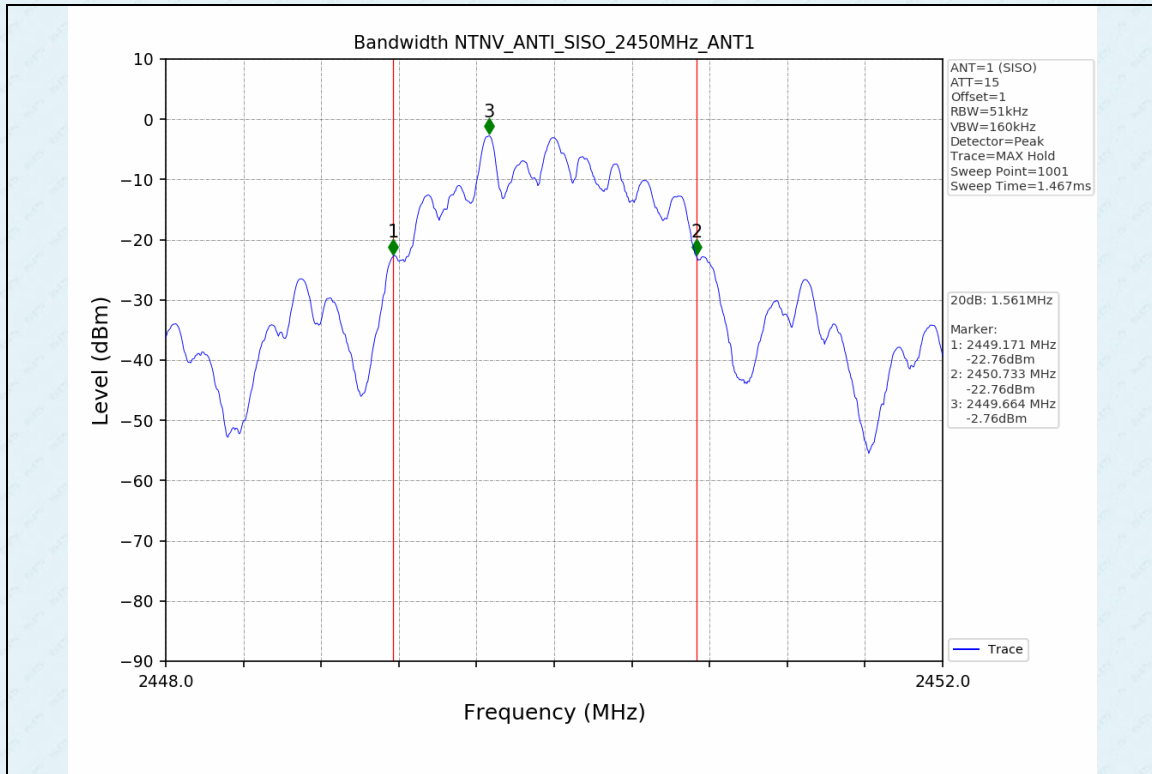
1.1 Test Result

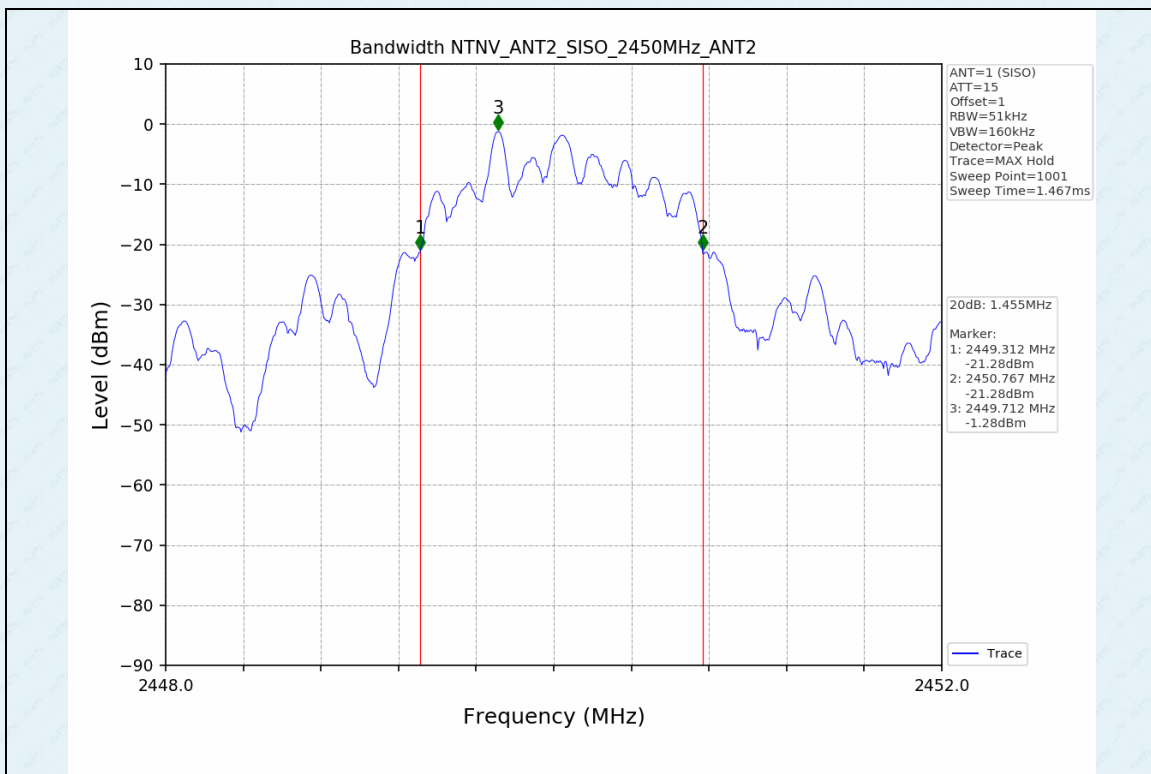
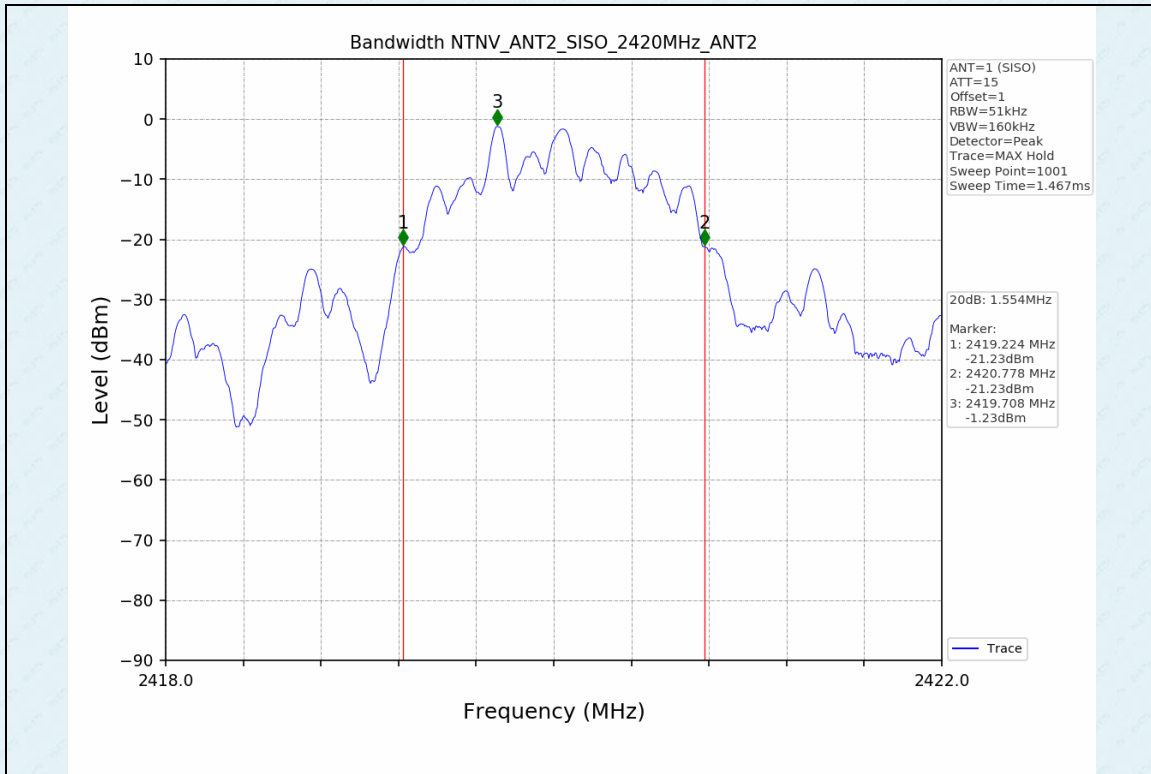
Test Mode	Frequency (MHz)	TX Type	20dB Bandwidth	Verdict
			Test Result (MHz)	
ANTI	2420	SISO	1.486	PASS
	2450	SISO	1.561	PASS
	2480	SISO	1.471	PASS
ANT2	2420	SISO	1.554	PASS
	2450	SISO	1.455	PASS
	2480	SISO	1.478	PASS

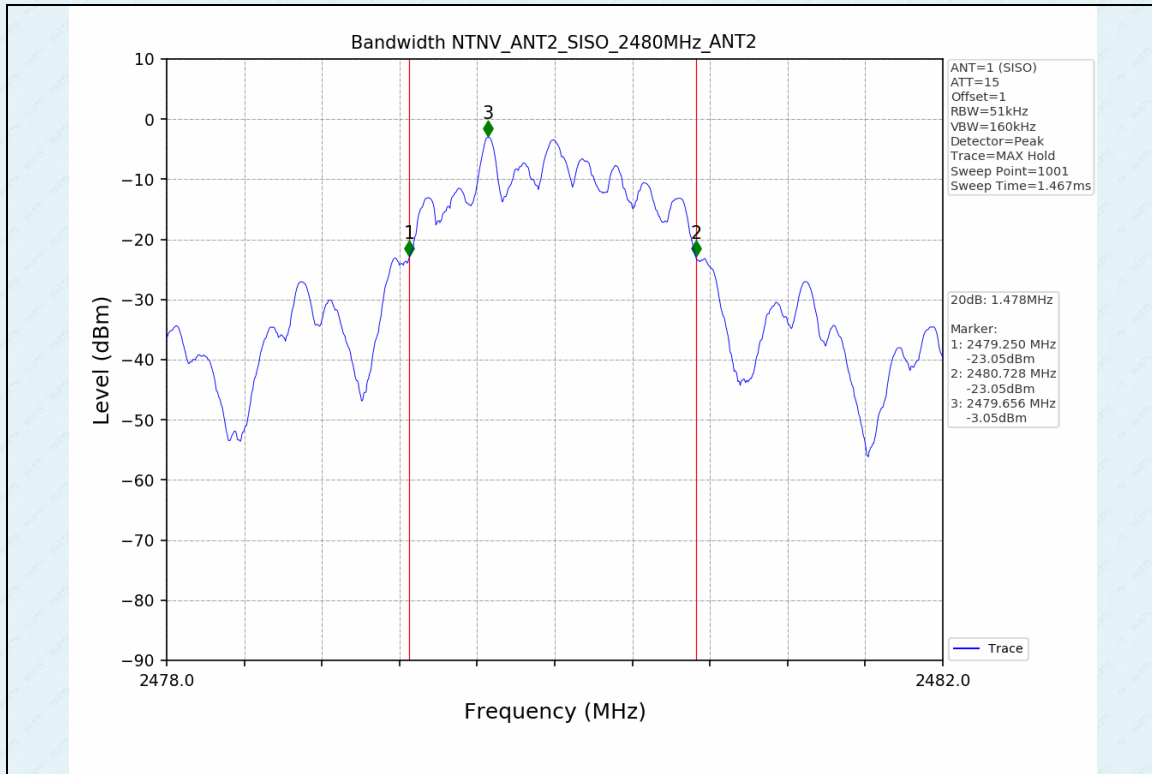
Test Mode	Frequency (MHz)	TX Type	99% Occupied Bandwidth	
			Test Result (MHz)	
ANTI	2420	SISO	1.483	Only for Report Use
	2450	SISO	1.485	Only for Report Use
	2480	SISO	1.488	Only for Report Use
ANT2	2420	SISO	1.495	Only for Report Use
	2450	SISO	1.486	Only for Report Use
	2480	SISO	1.483	Only for Report Use

1.2 Test Graph - 20dB Bandwidth

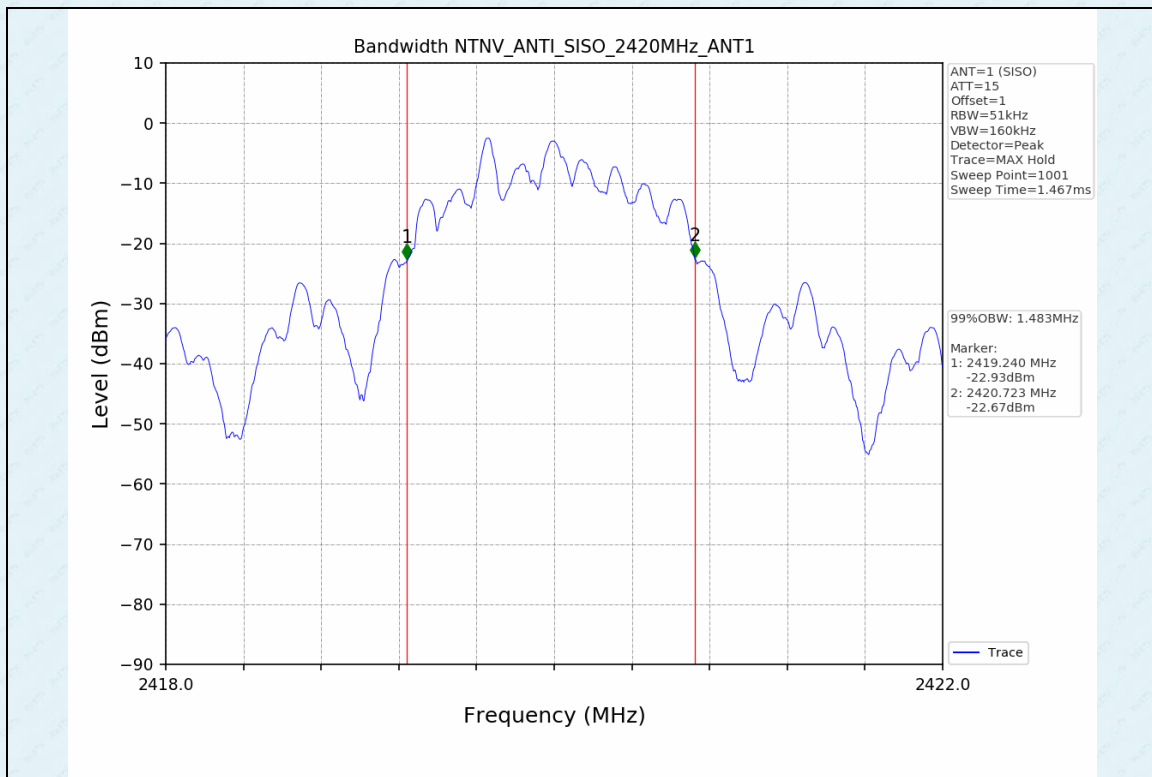


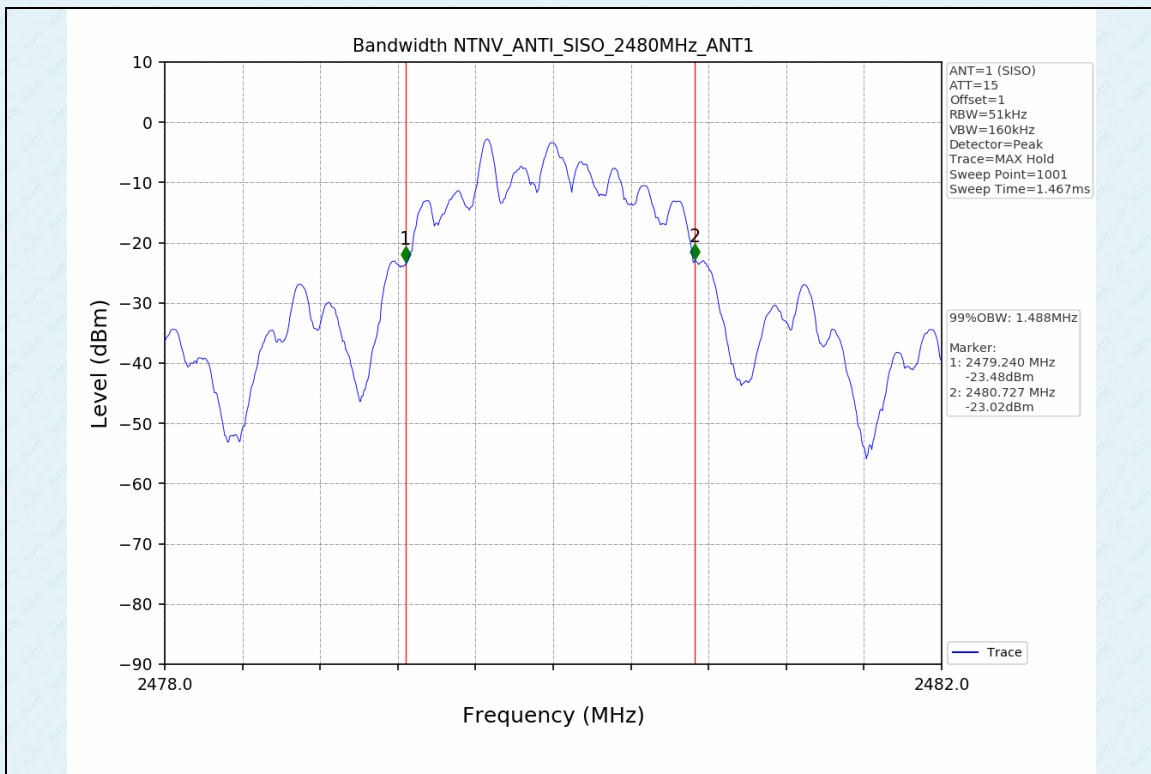
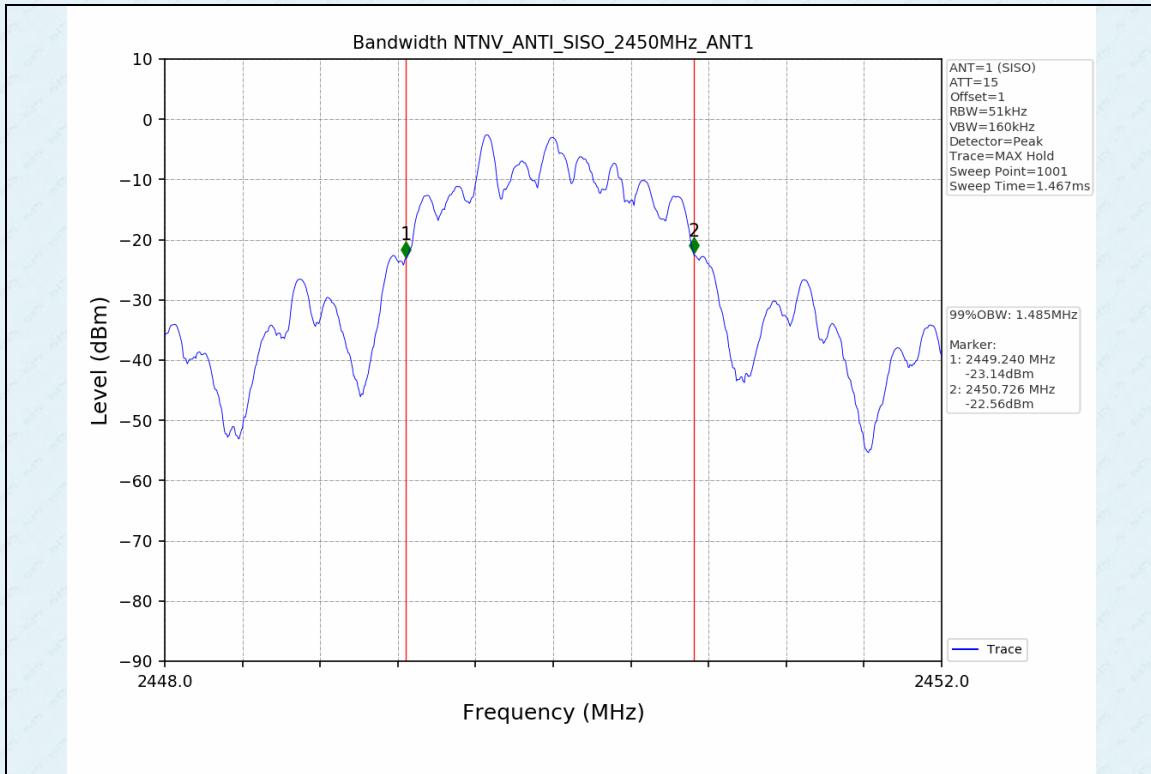


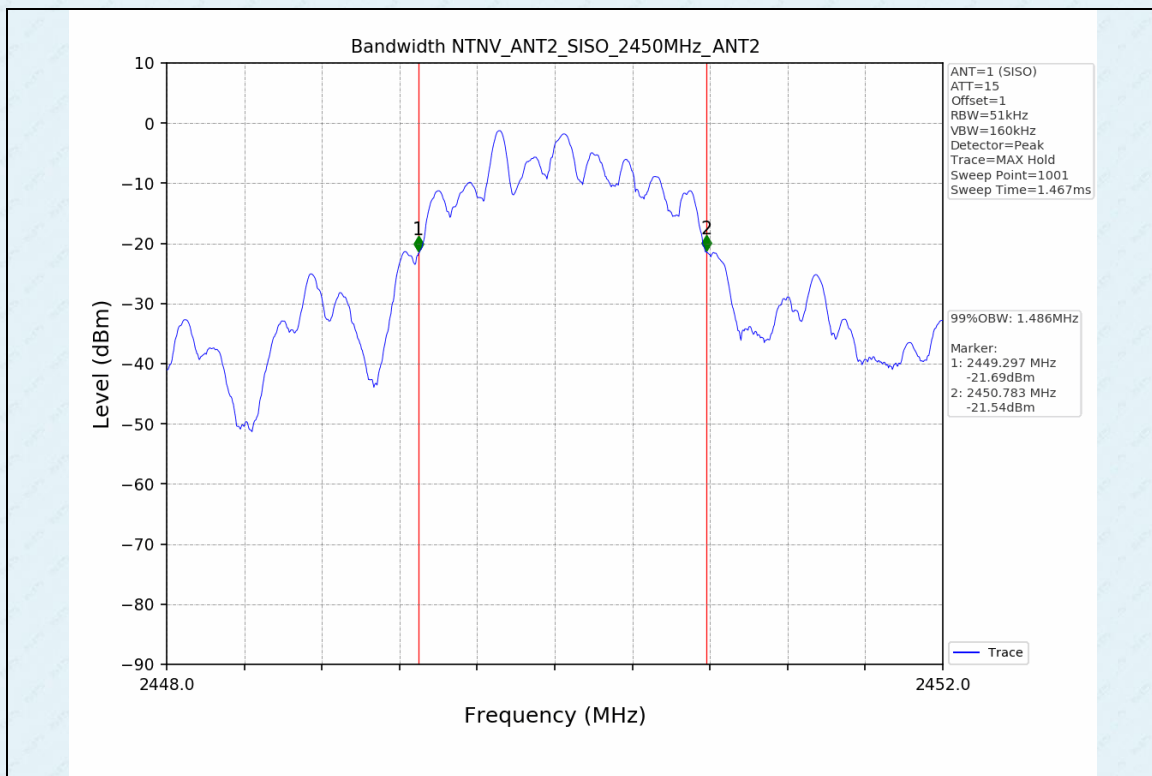
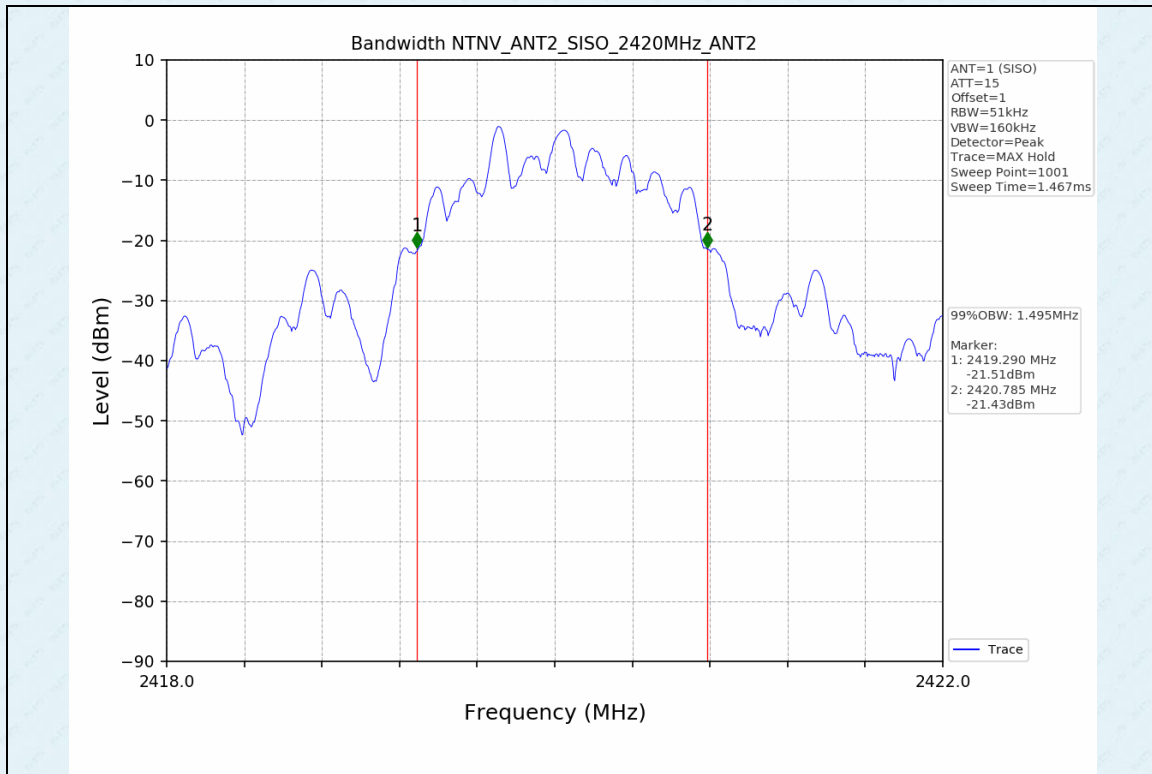


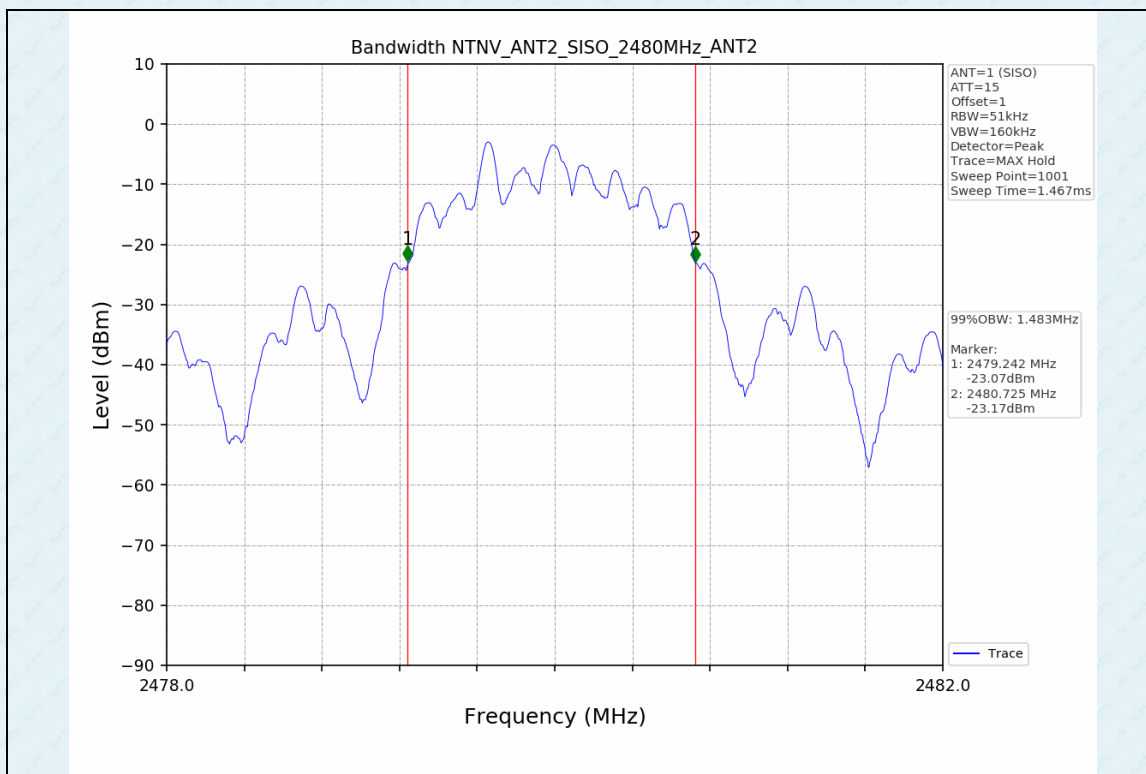


1.3 Test Graph - 99% Occupied Bandwidth









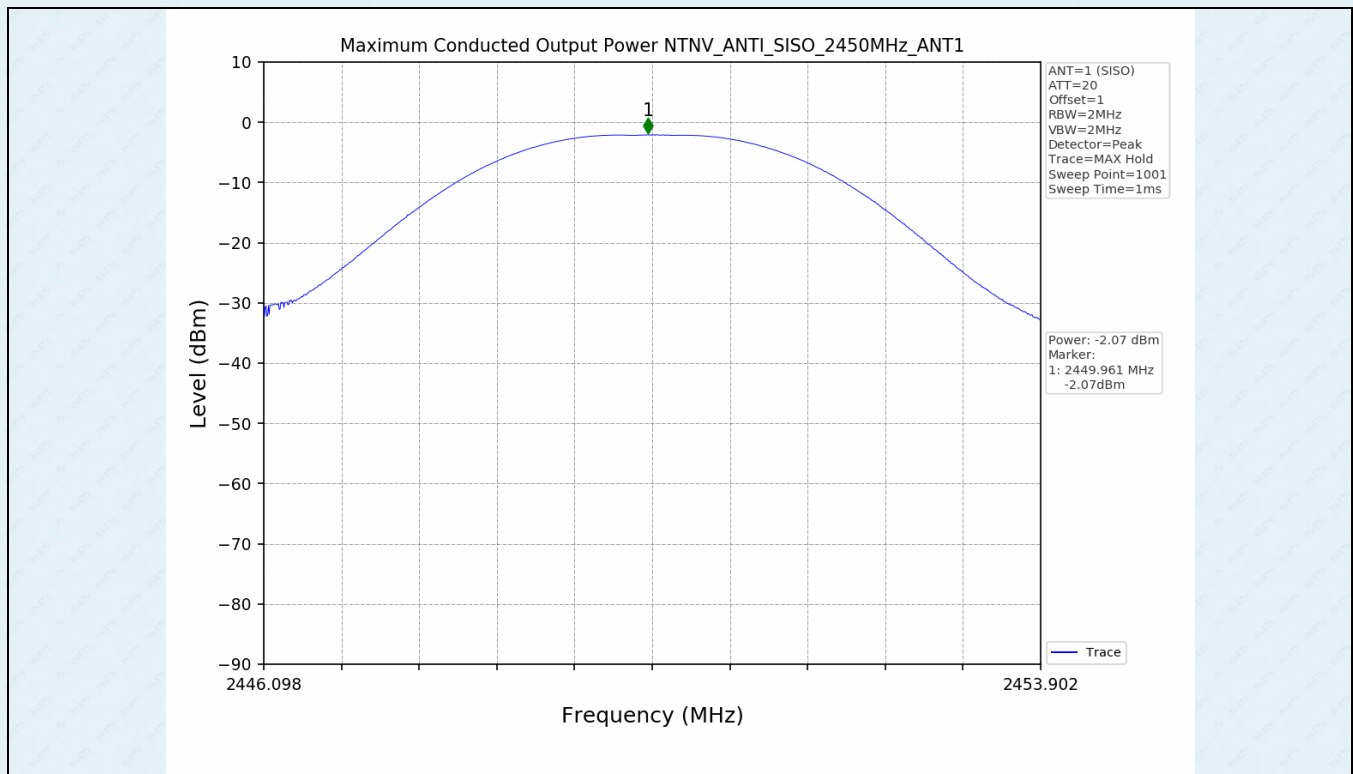
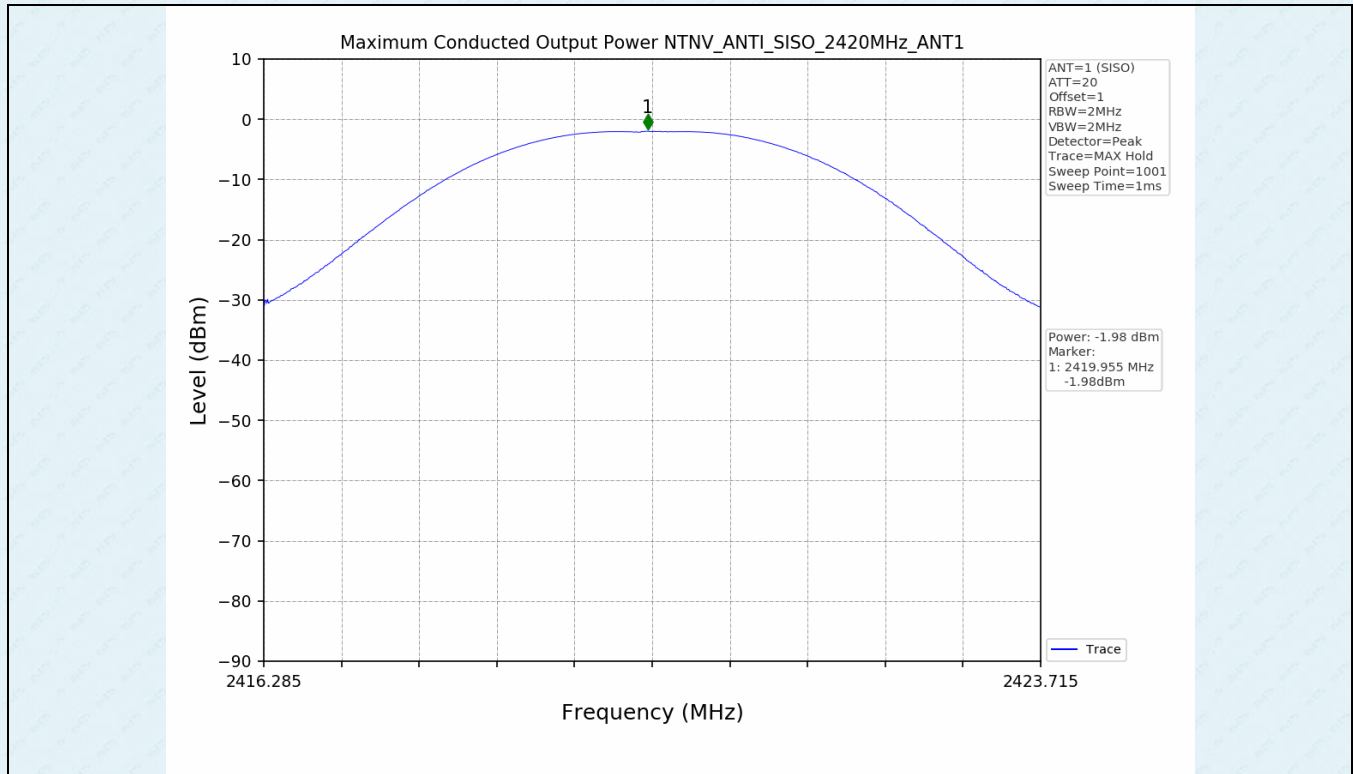
2. Maximum Conducted Output Power

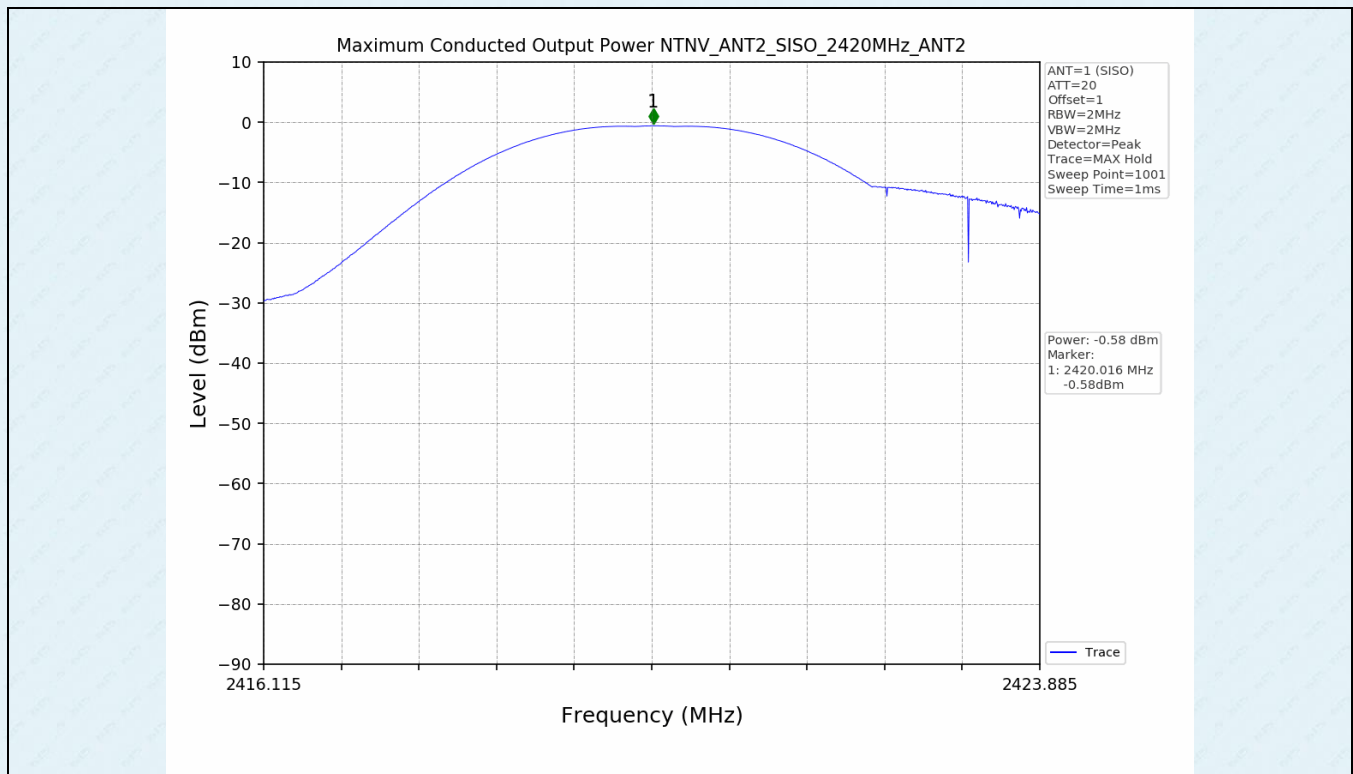
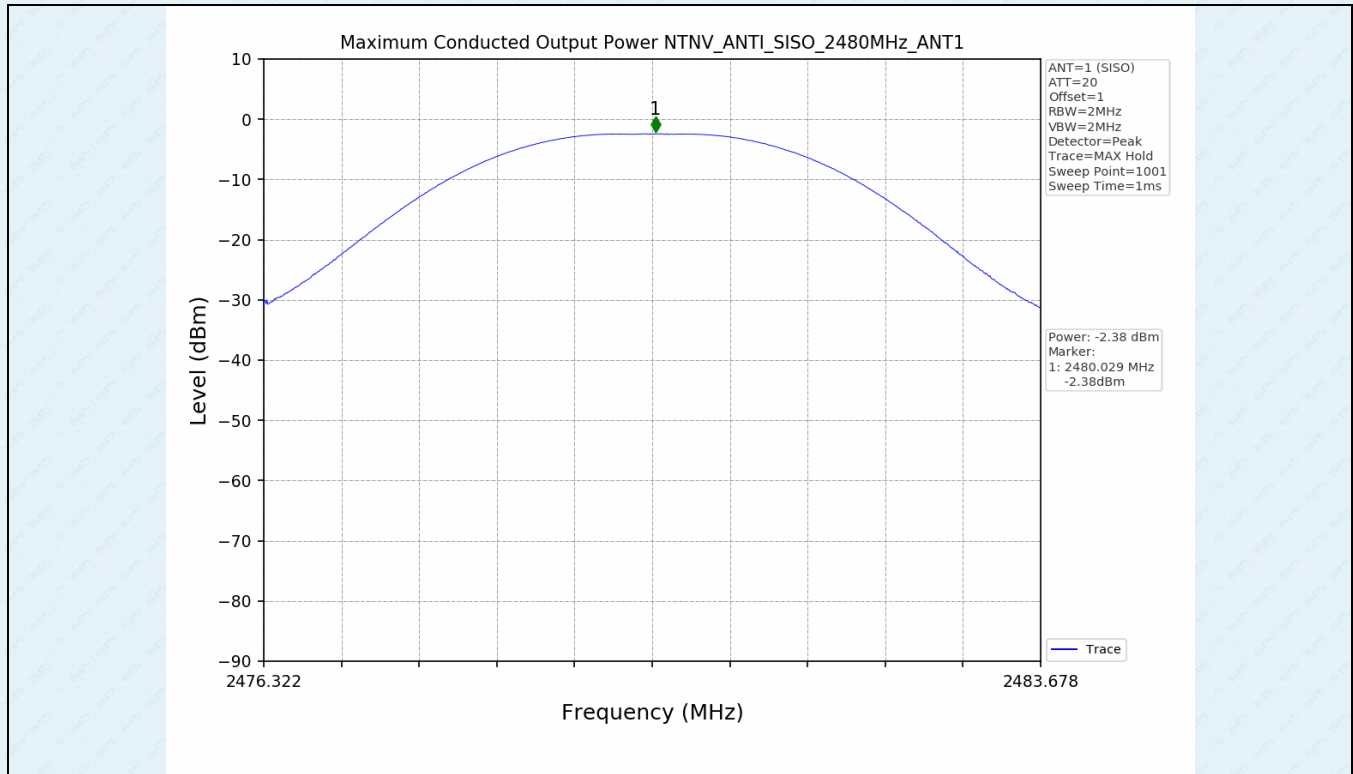
2.1 Test Result

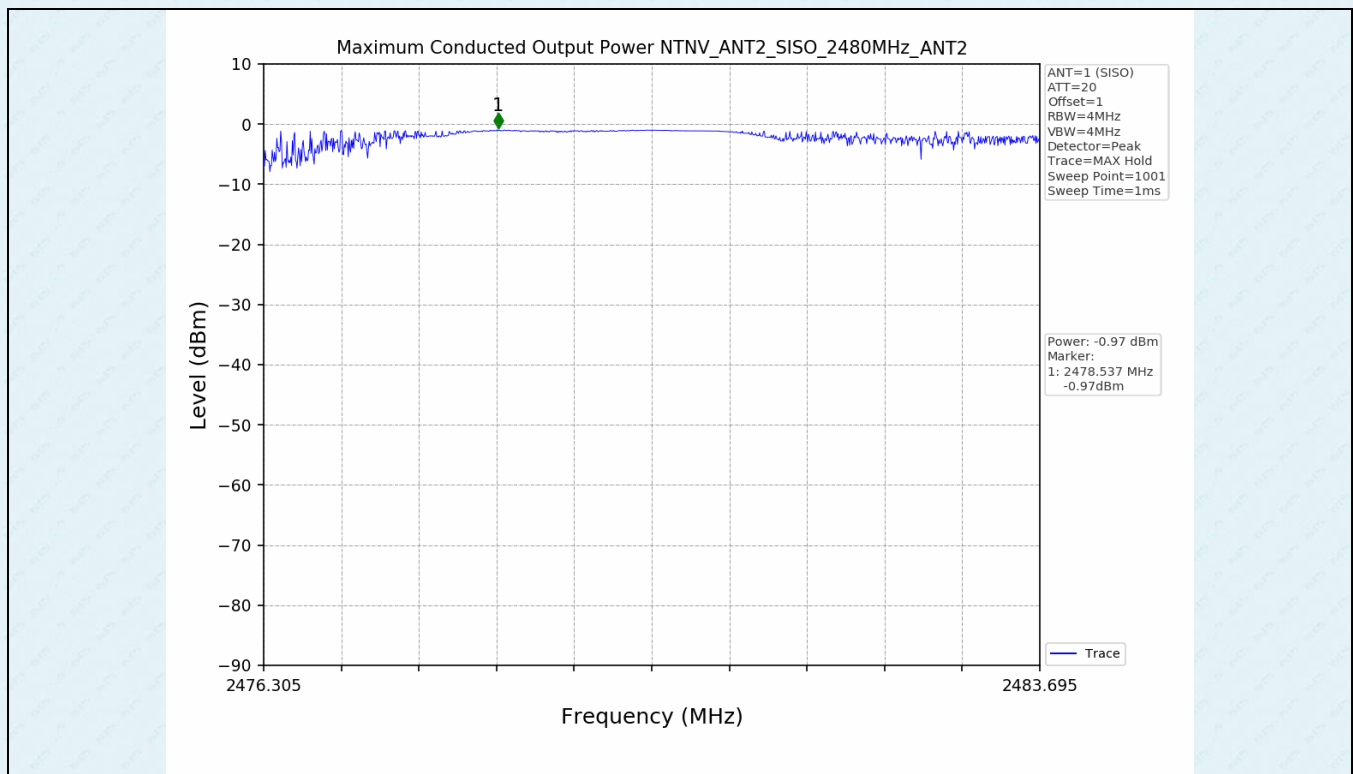
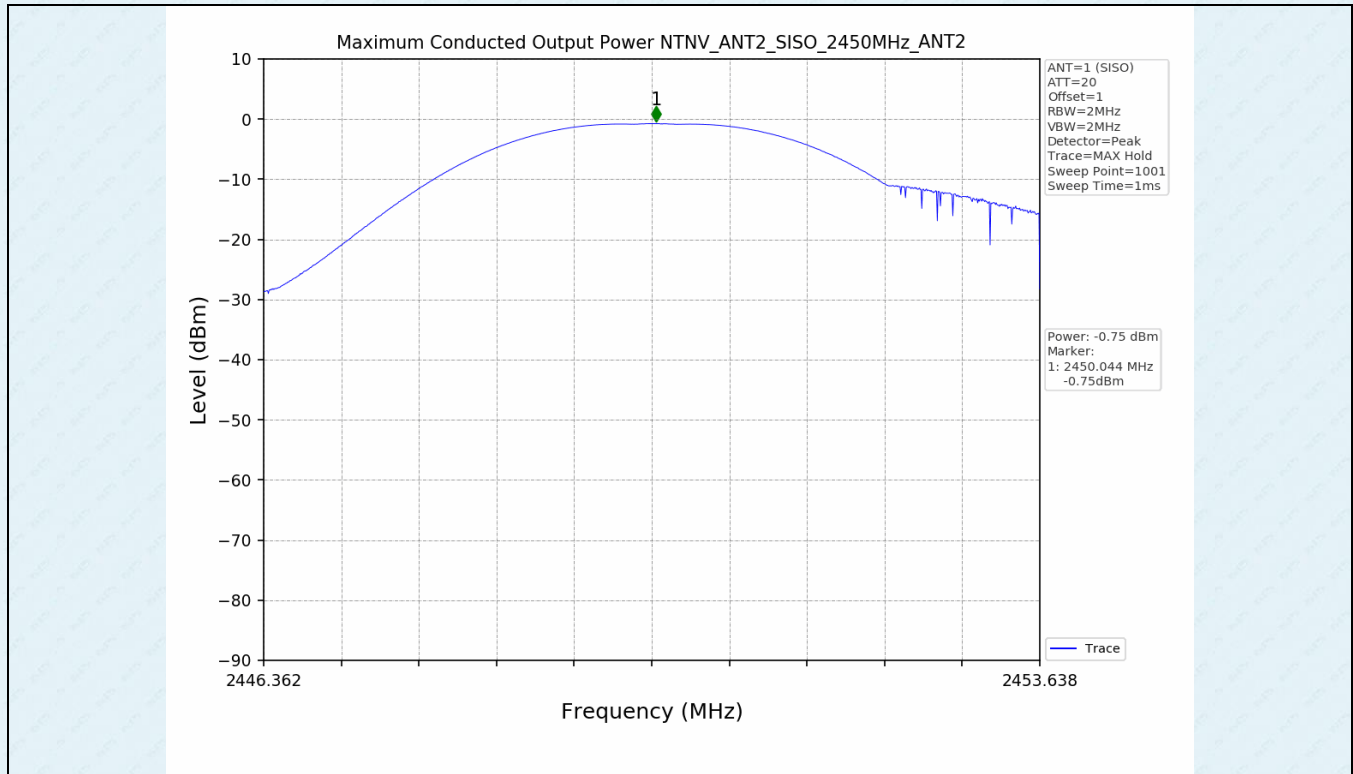
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
ANTI	2420	SISO	-1.98	20.97	PASS
	2450	SISO	-2.07	20.97	PASS
	2480	SISO	-2.38	20.97	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
ANT2	2420	SISO	-0.58	20.97	PASS
	2450	SISO	-0.75	20.97	PASS
	2480	SISO	-0.97	20.97	PASS

2.2 Test Graph





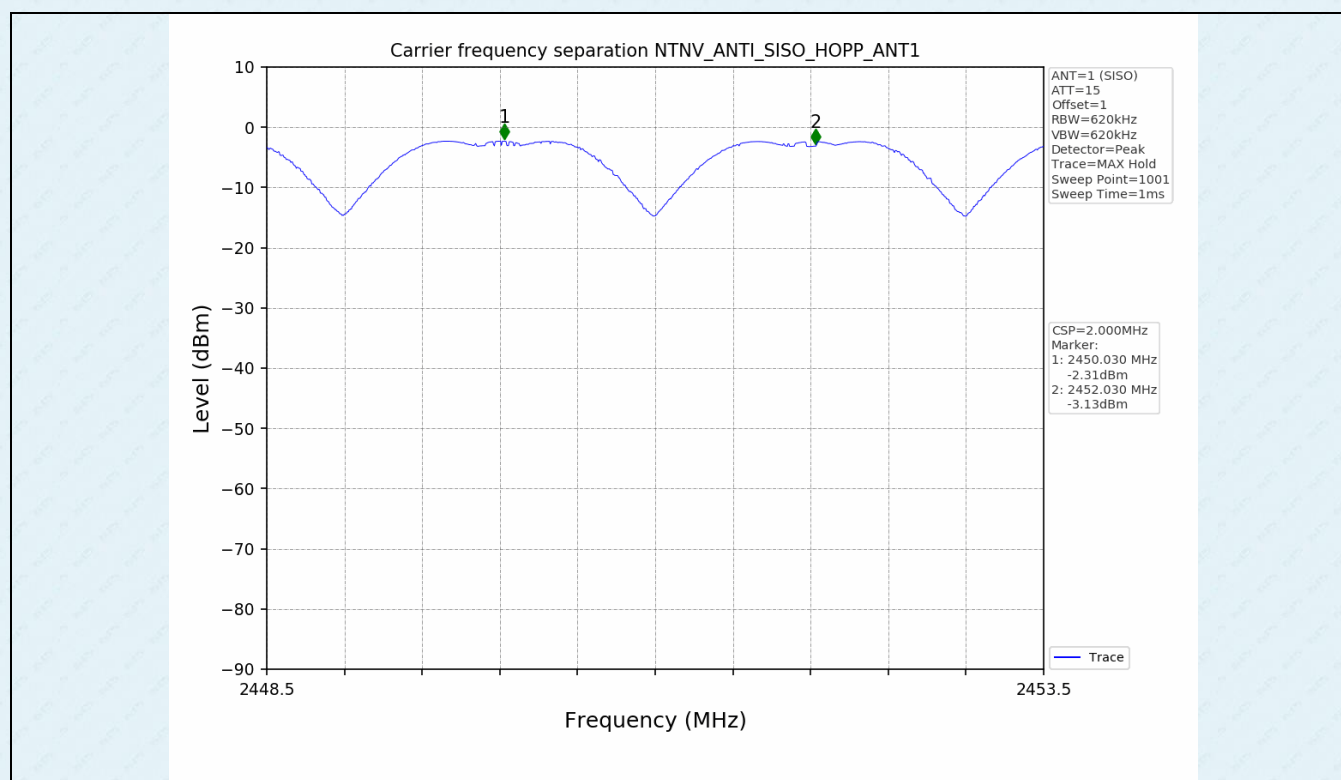


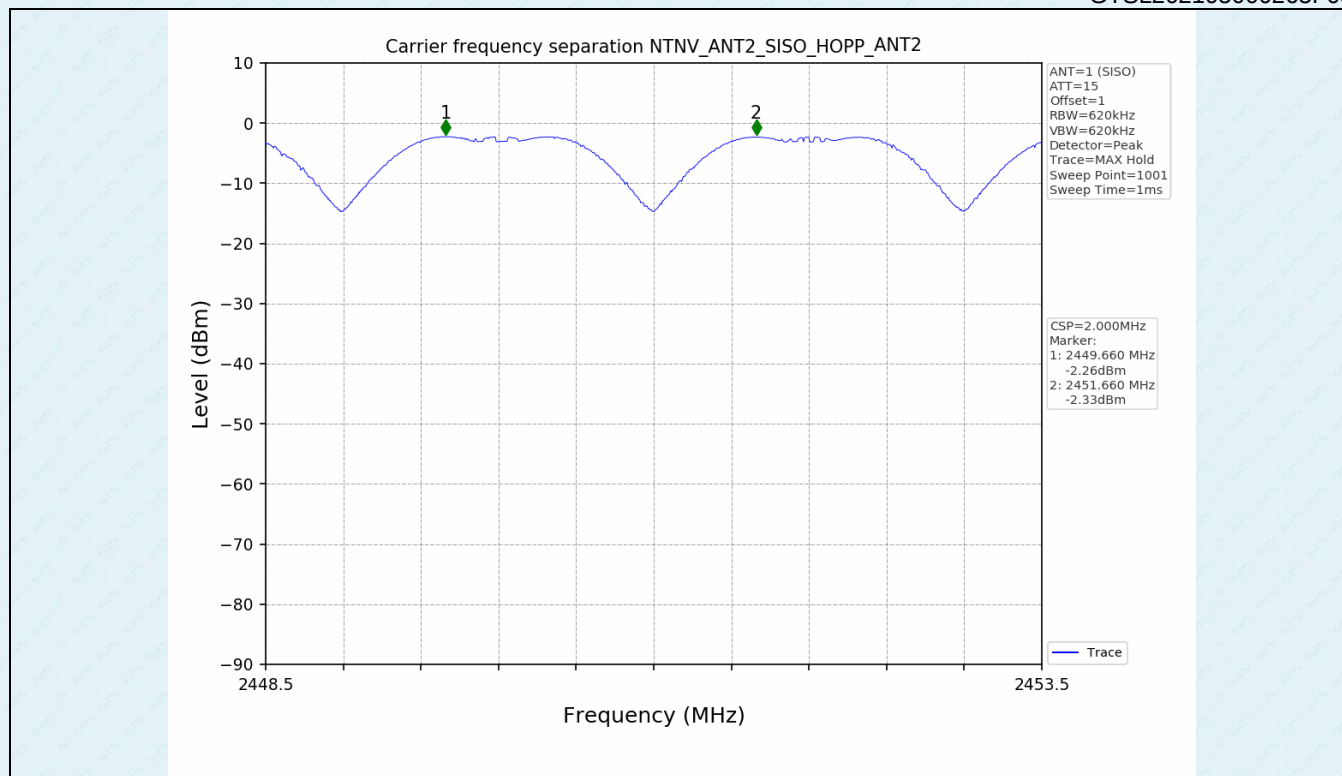
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
ANTI	SISO	2.000	1.561	≥ 1.561	PASS
ANT2	SISO	2.000	1.554	≥ 1.554	PASS

3.2 Test Graph



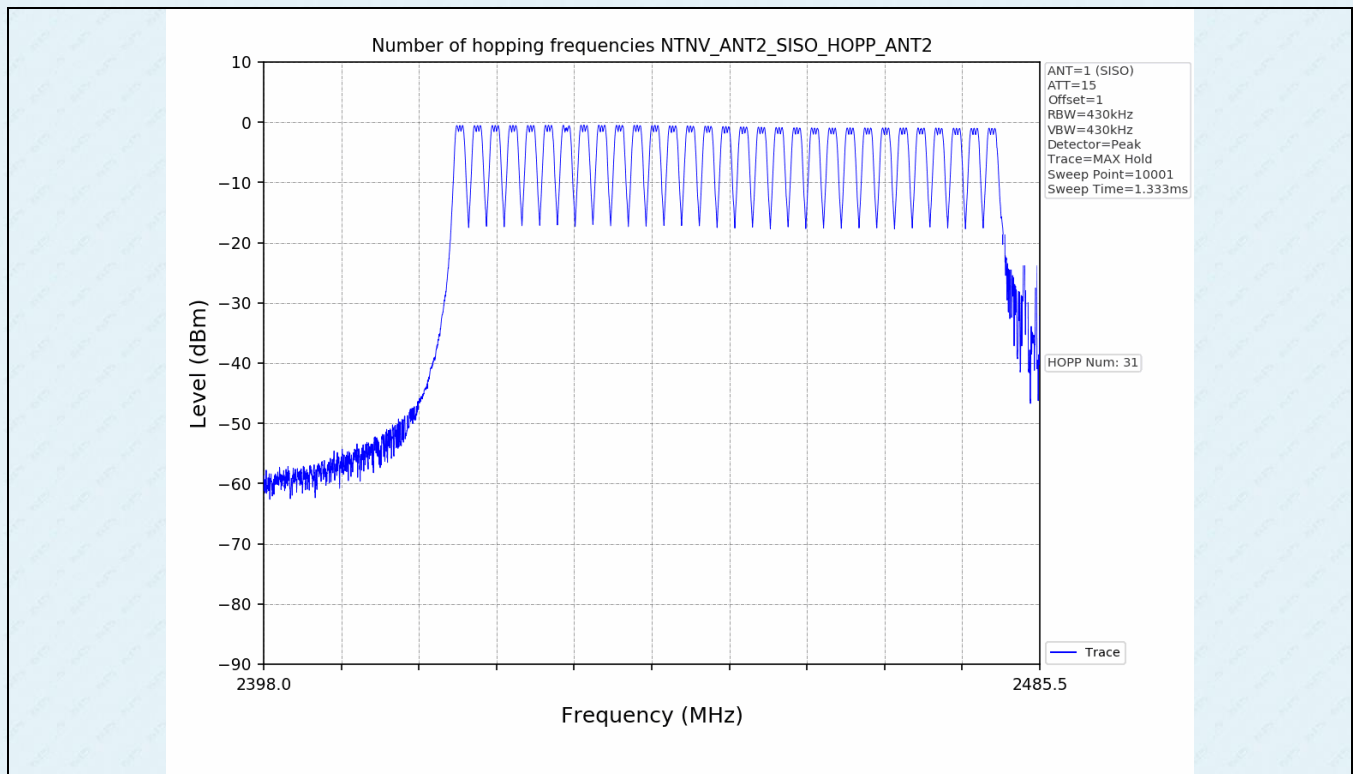
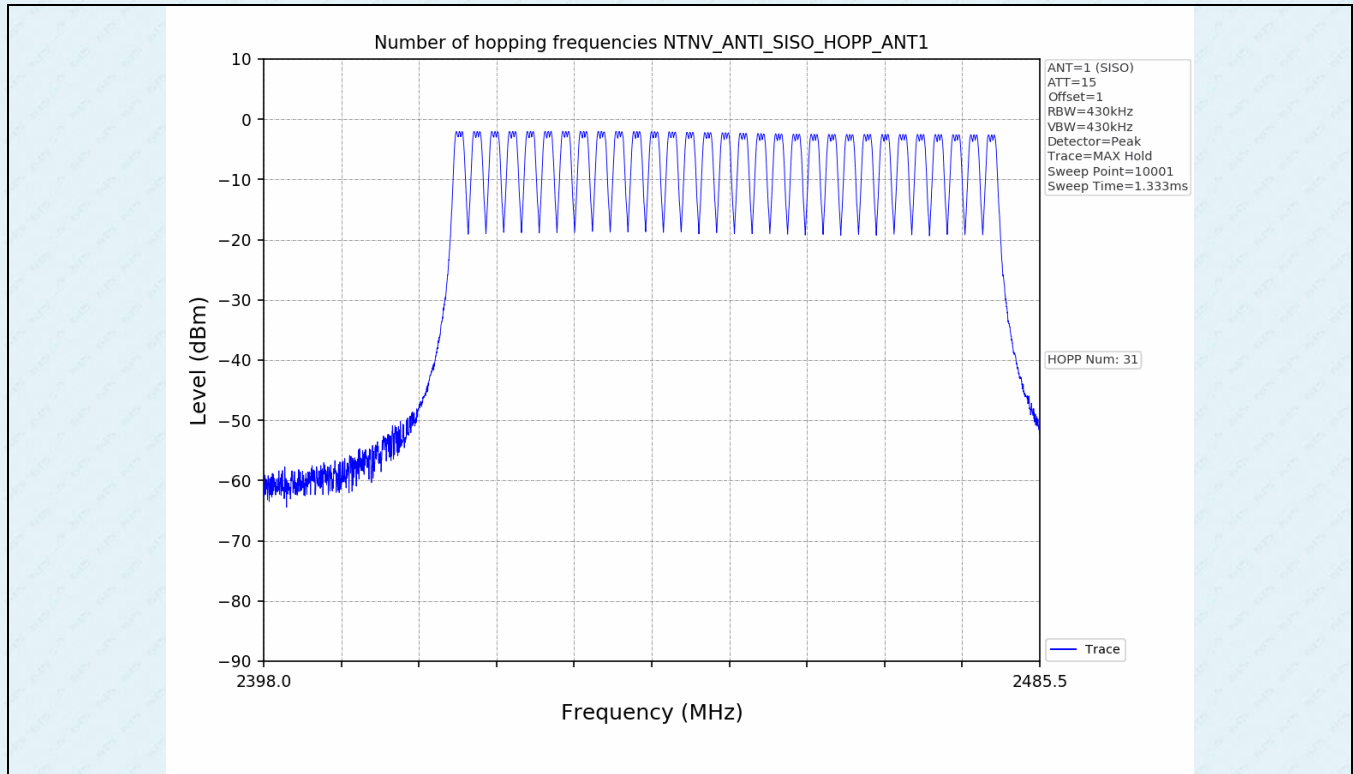


4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	Num of Hopping Frequencies	Limits	Verdict
ANT1	SISO	31	≥15	PASS
ANT2	SISO	31	≥15	PASS

4.2 Test Graph

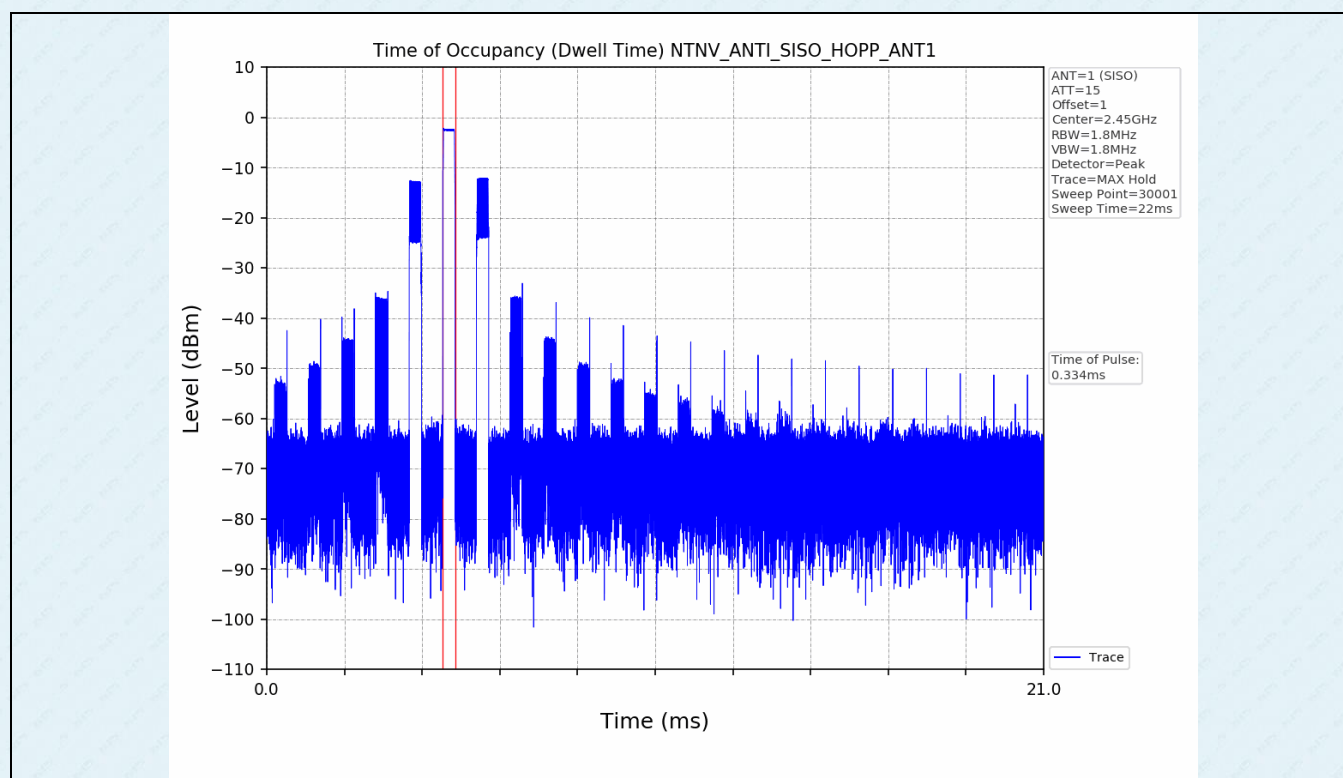


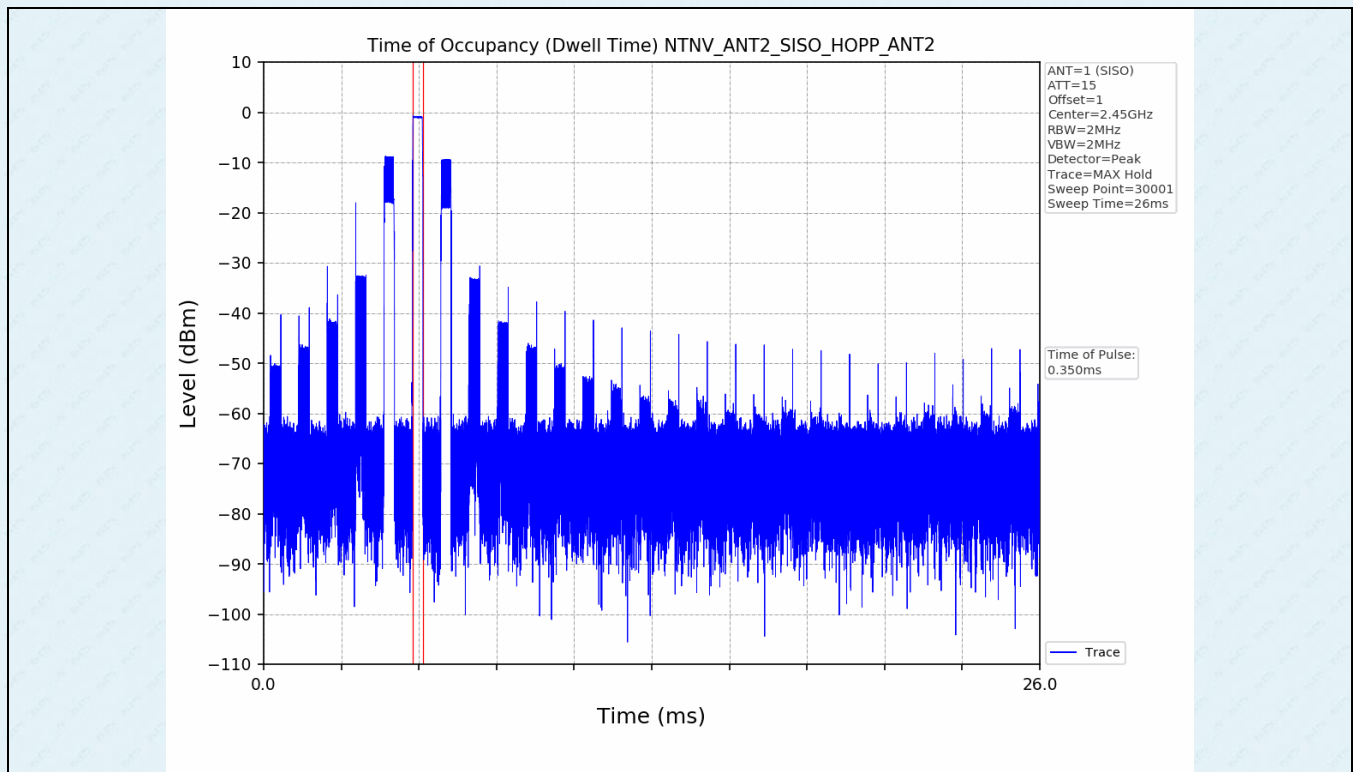
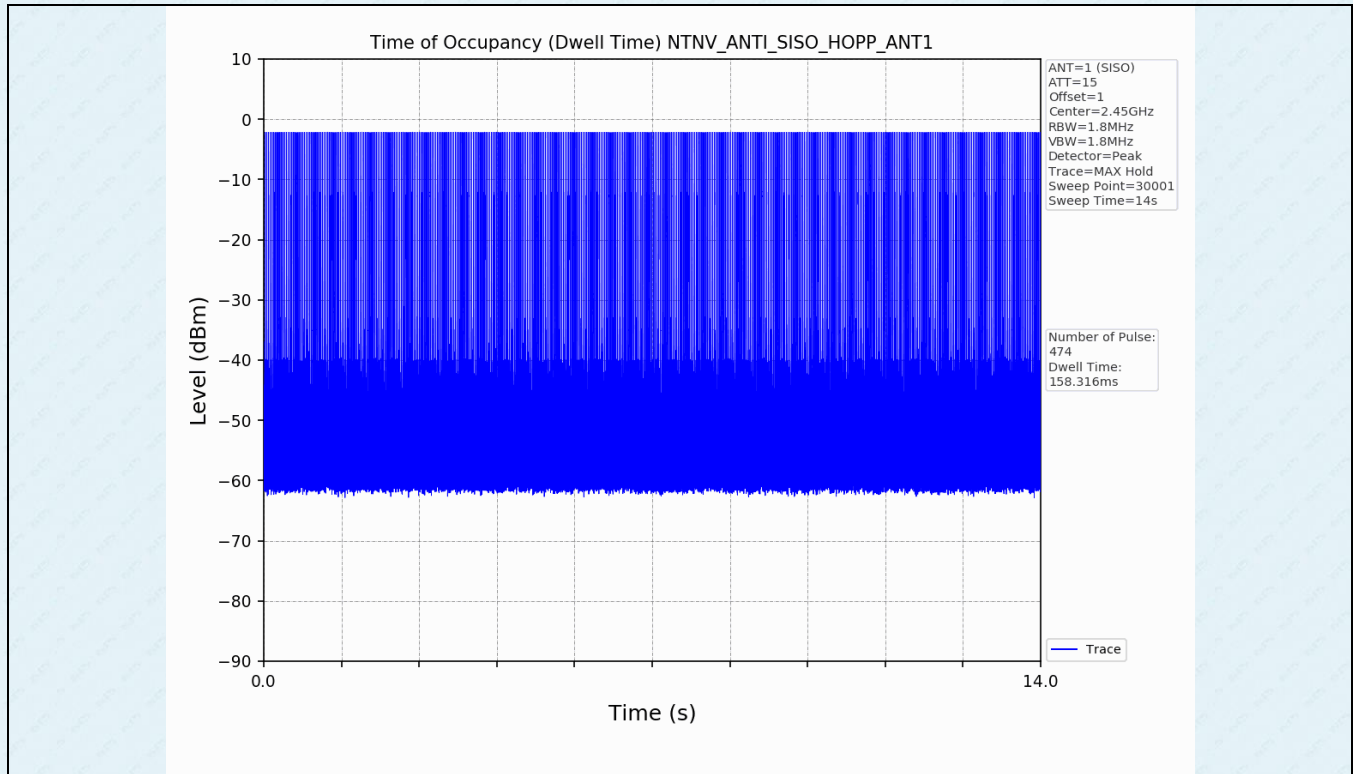
5. Time of Occupancy (Dwell Time)

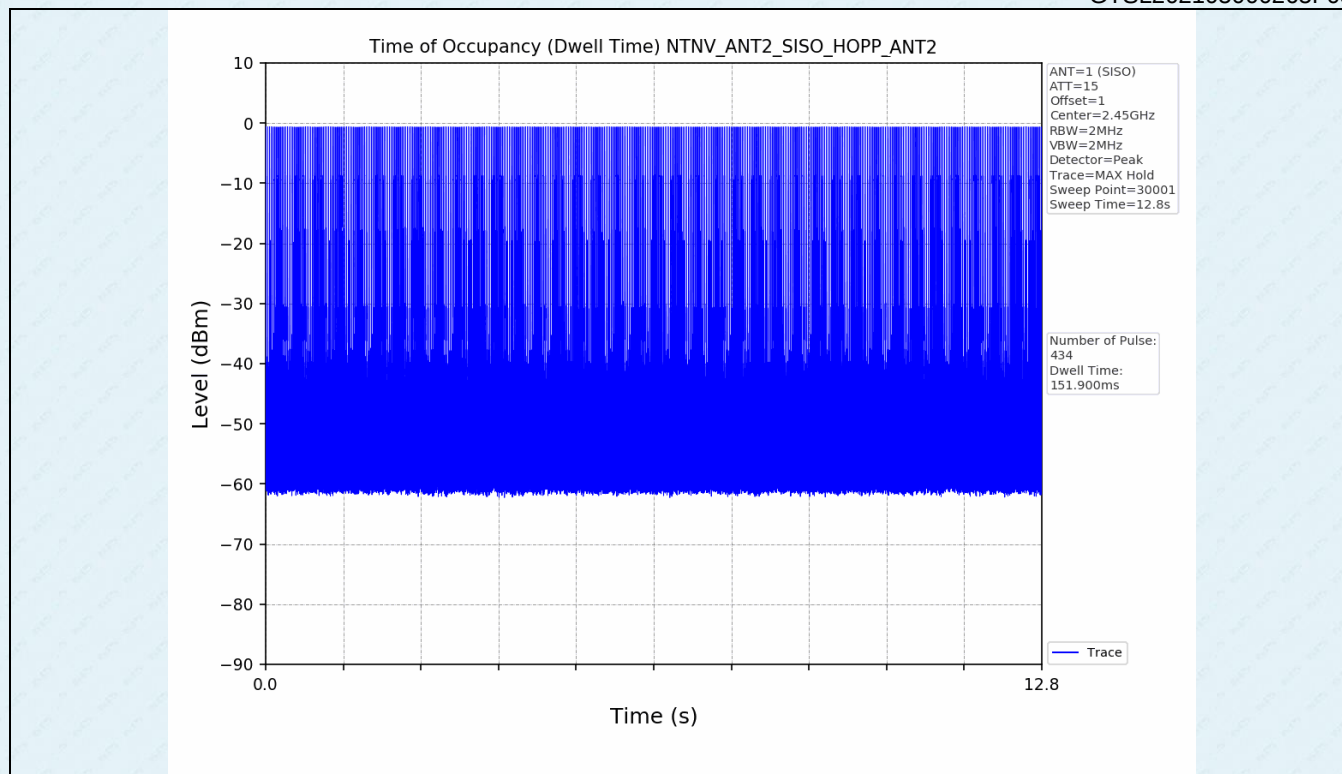
5.1 Test Result

Test Mode	Packet Type	TX Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
ANTI	NoPT	SISO	0.334	14	474	158.316	≤400	PASS
ANT2	NoPT	SISO	0.350	14	434	151.900	≤400	PASS

5.2 Test Graph







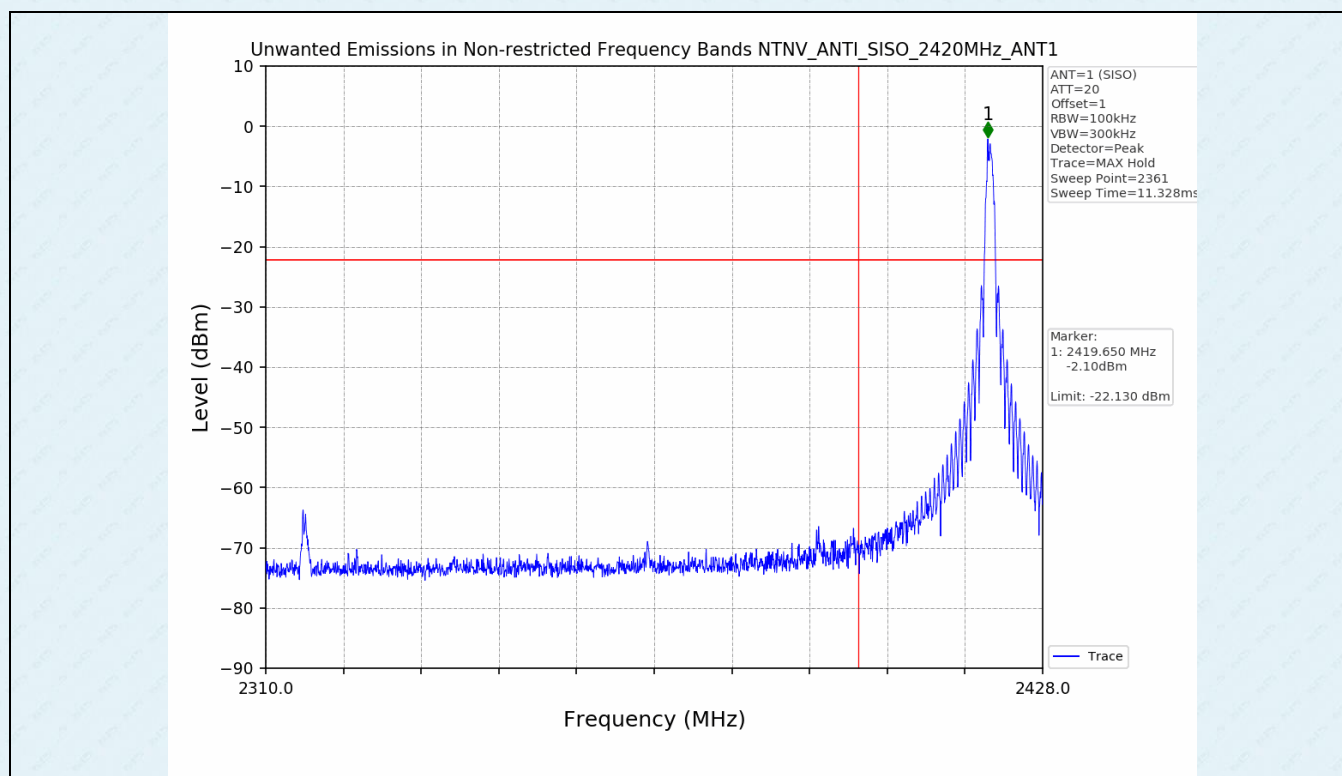
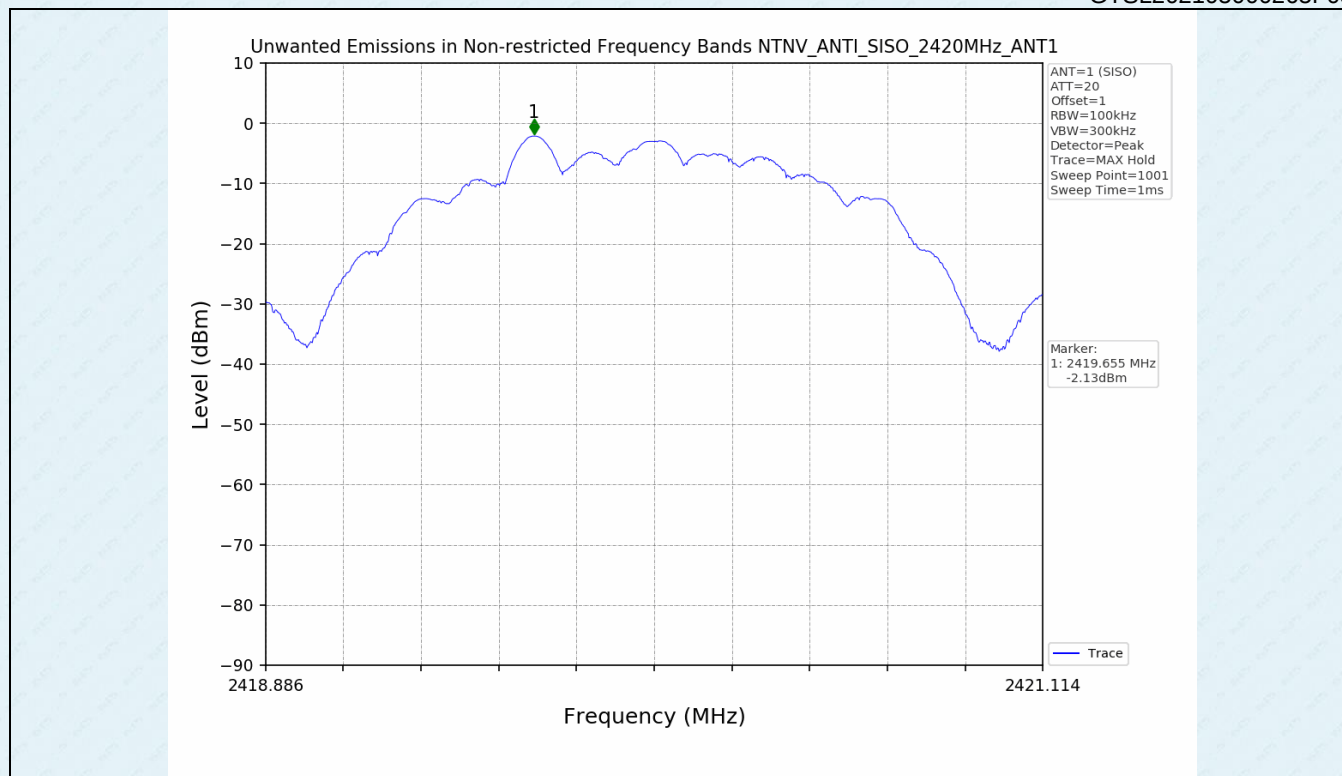
6. Unwanted Emissions in Non-restricted Frequency Bands

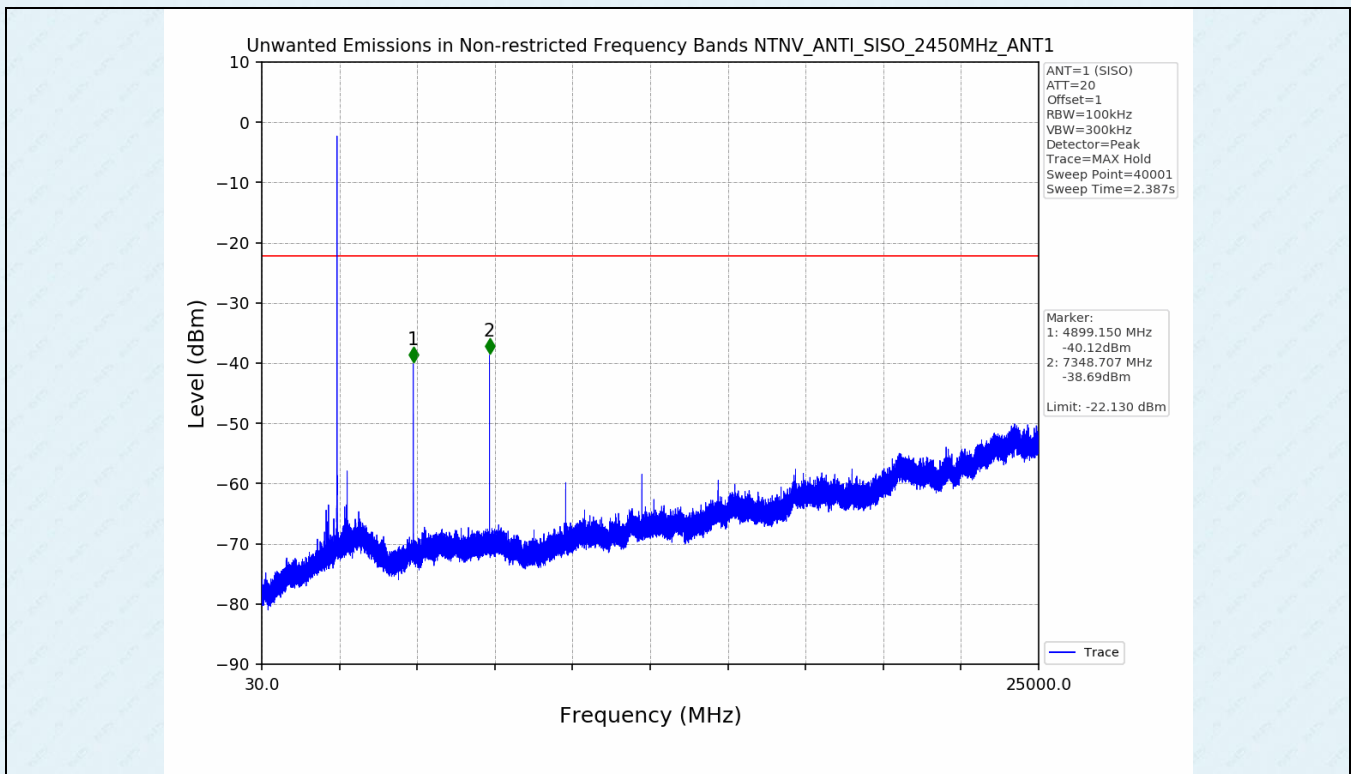
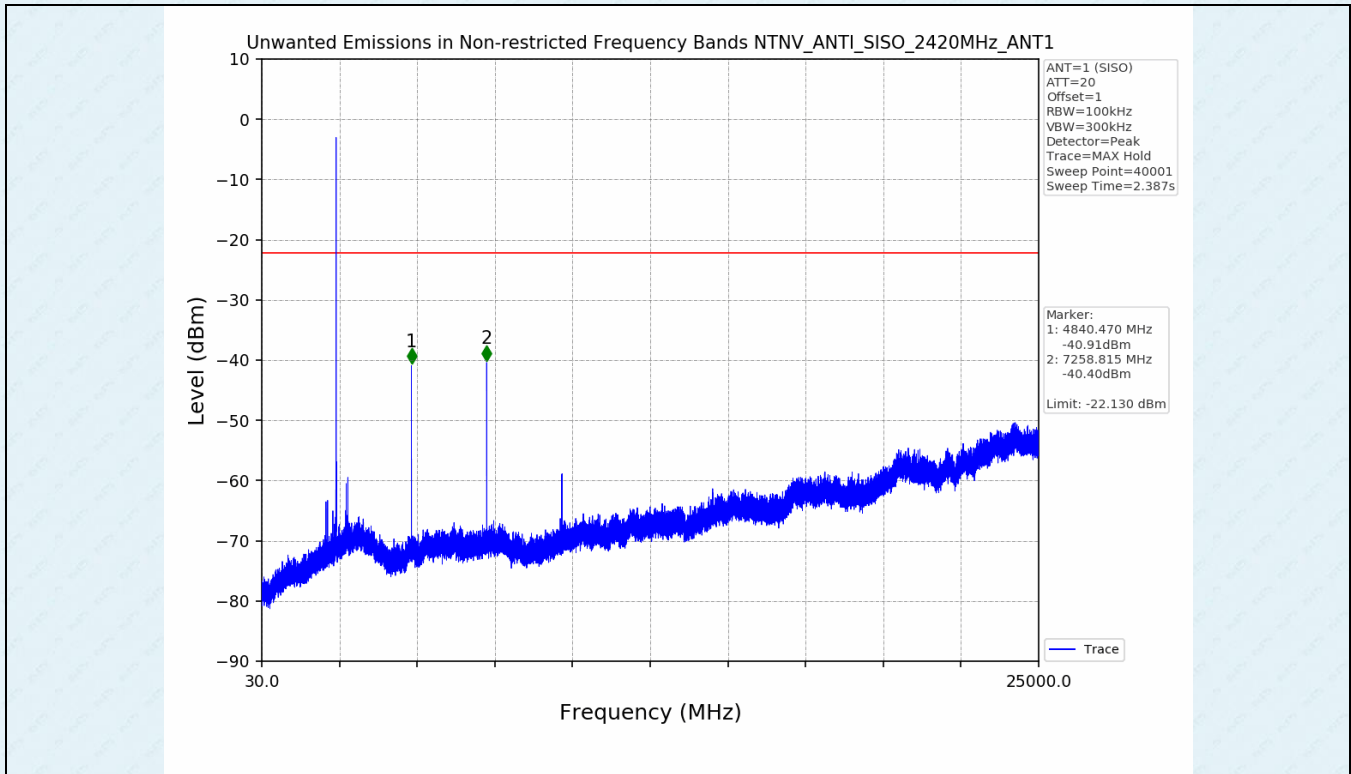
6.1 Test Result

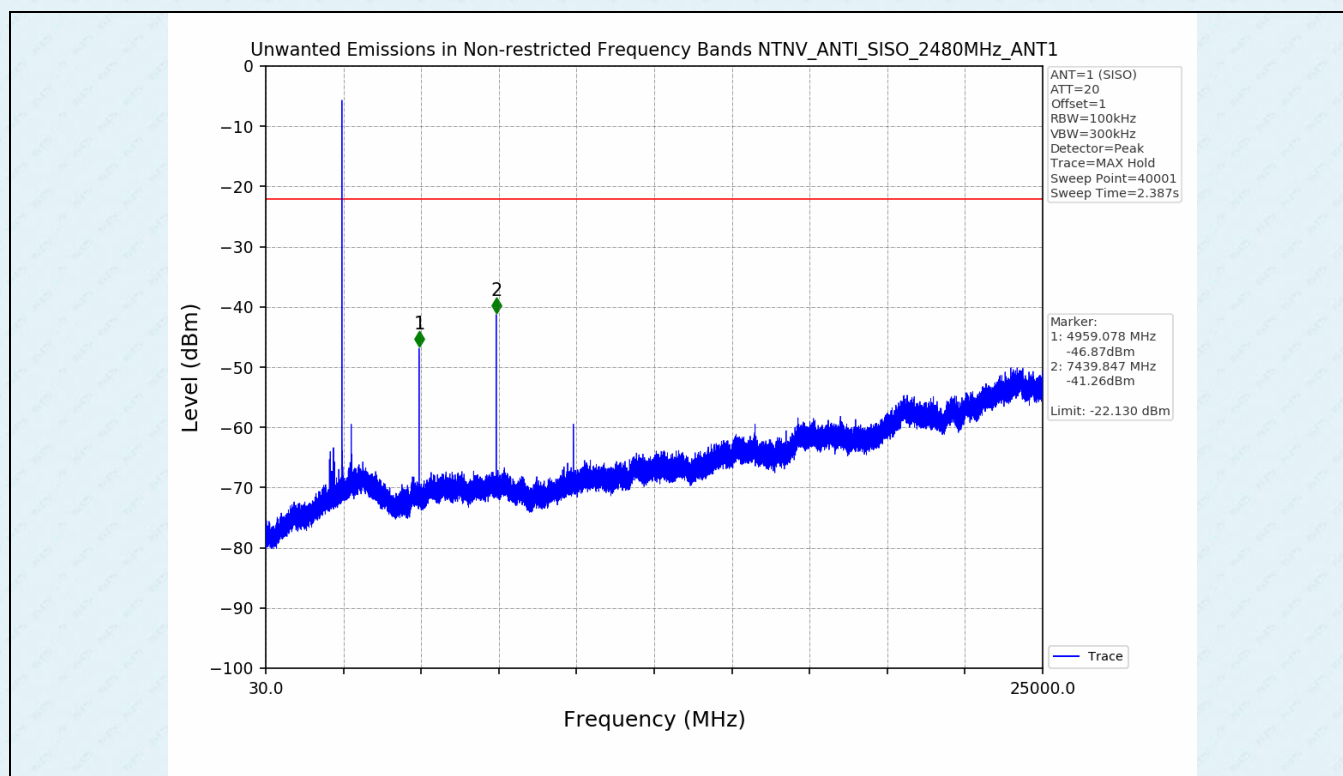
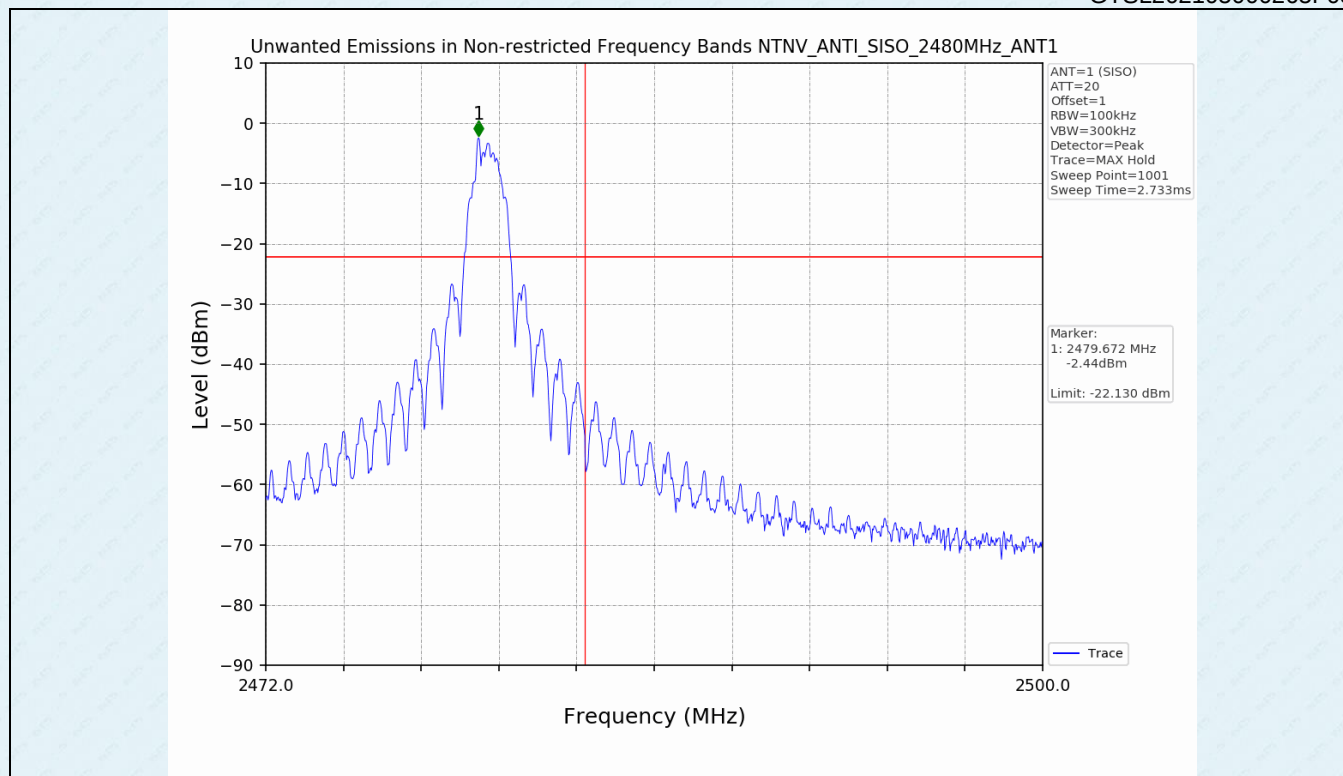
Test Mode	Frequency (MHz)	TX Type	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
ANTI	2420	SISO	Refer to test graph	-22.13	PASS
	2450	SISO	Refer to test graph	-22.13	PASS
	2480	SISO	Refer to test graph	-22.13	PASS
	Hopping	SISO	Refer to test graph	-22.13	PASS

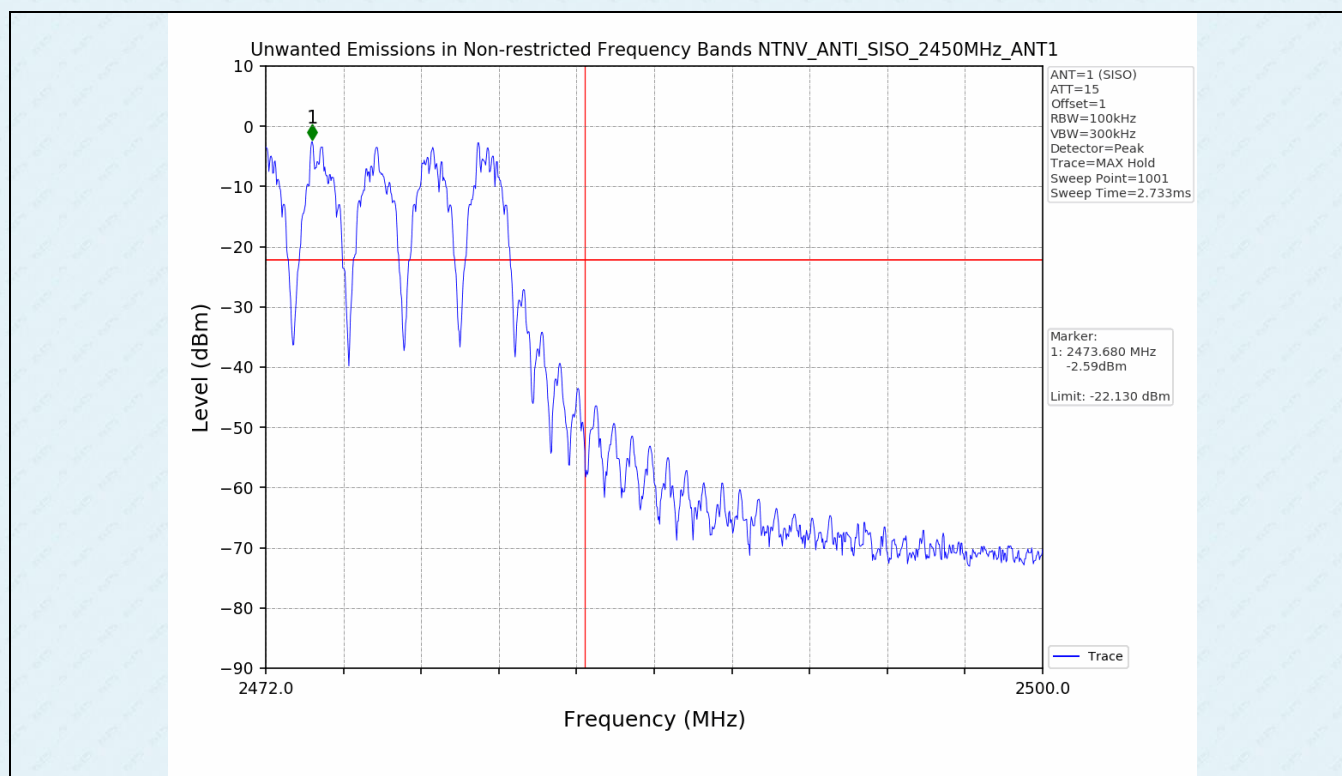
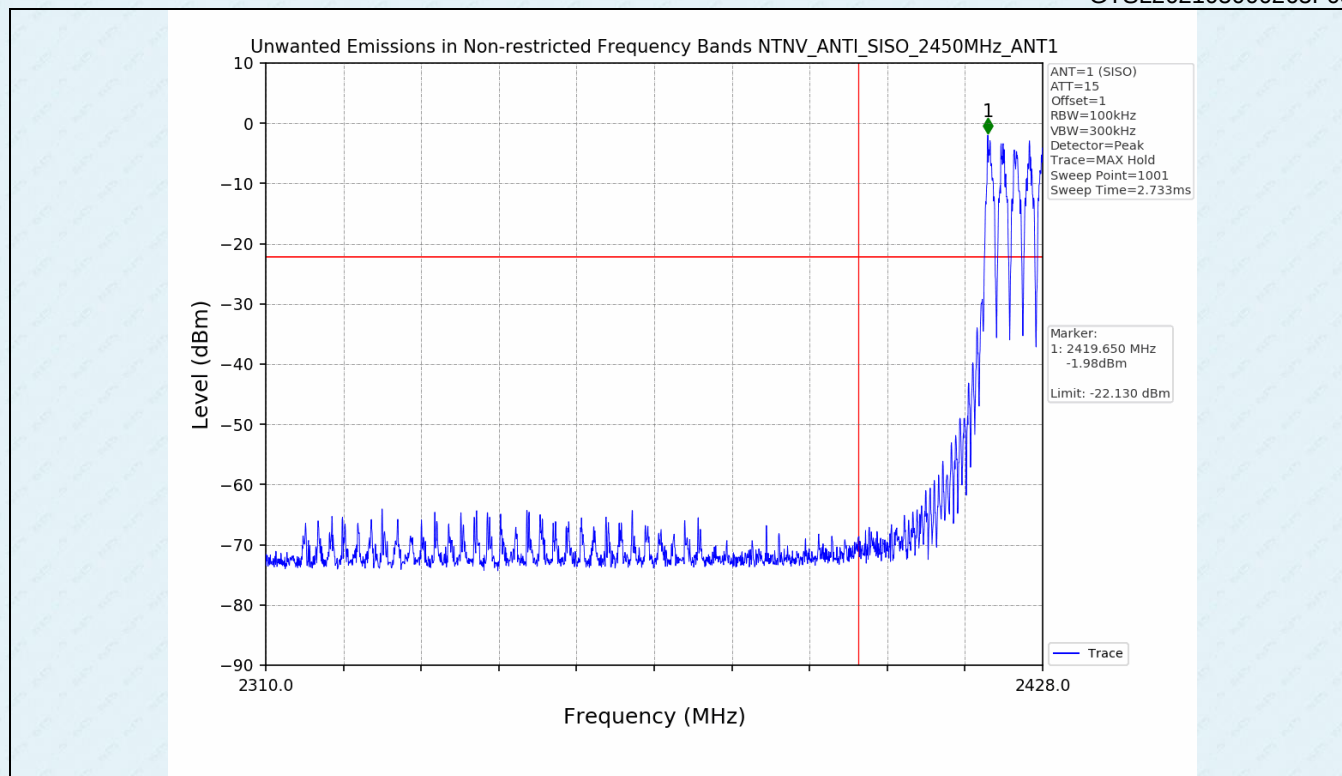
Test Mode	Frequency (MHz)	TX Type	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
ANT2	2420	SISO	Refer to test graph	-20.76	PASS
	2450	SISO	Refer to test graph	-20.76	PASS
	2480	SISO	Refer to test graph	-20.76	PASS
	Hopping	SISO	Refer to test graph	-20.76	PASS

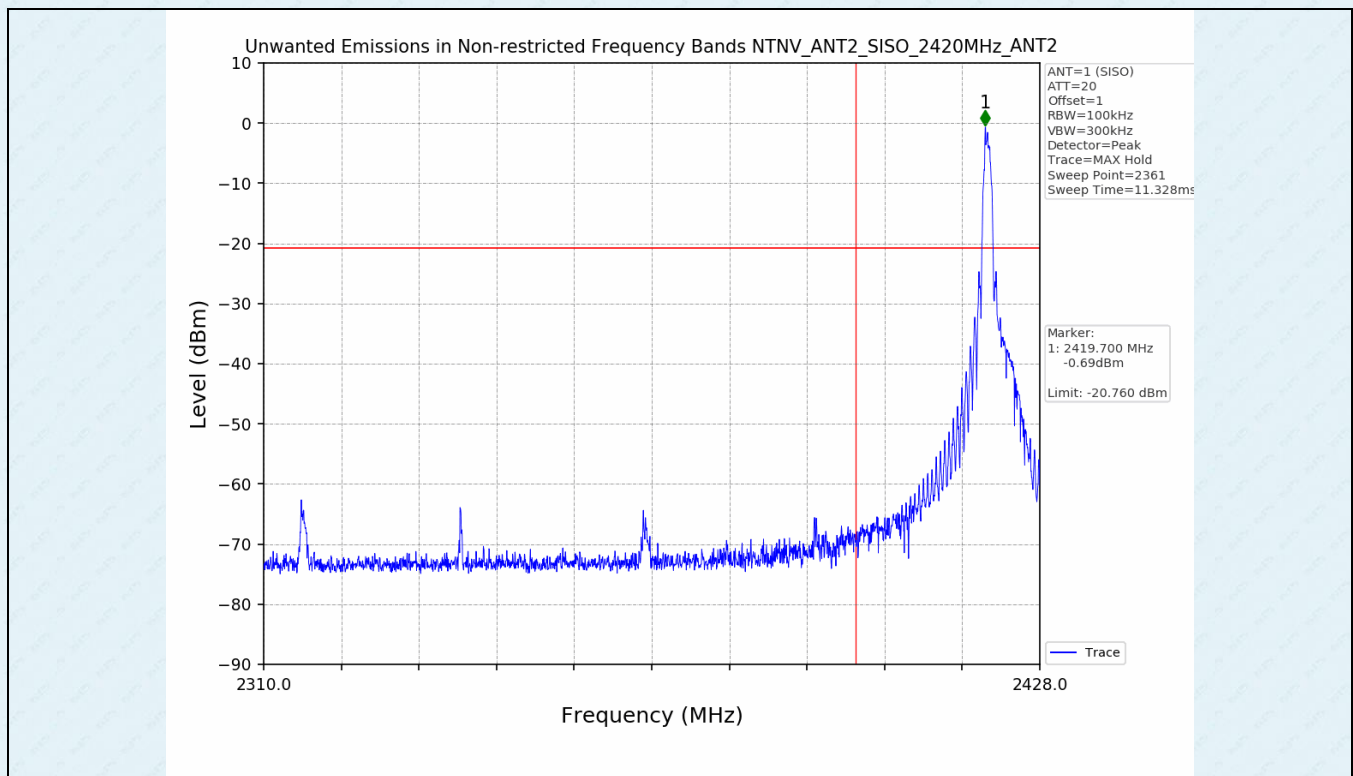
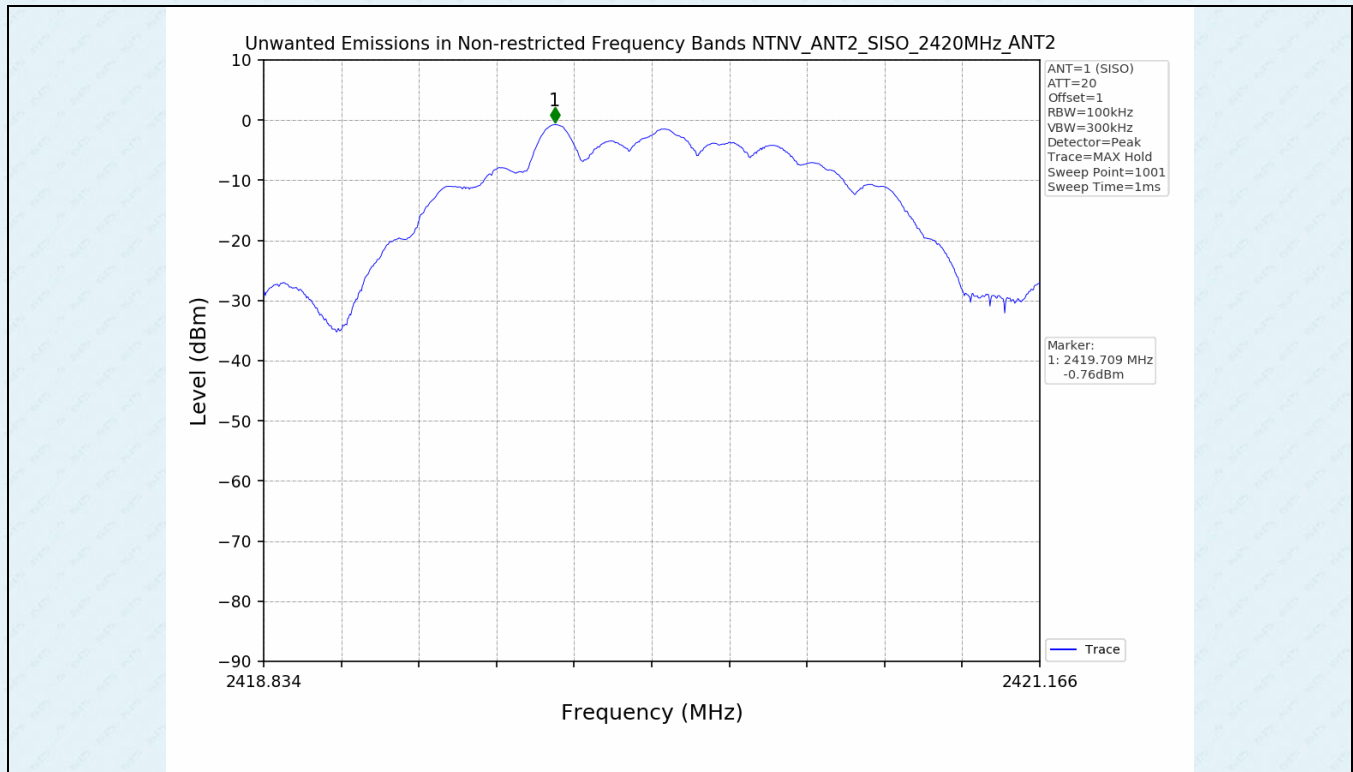
6.2 Test Graph

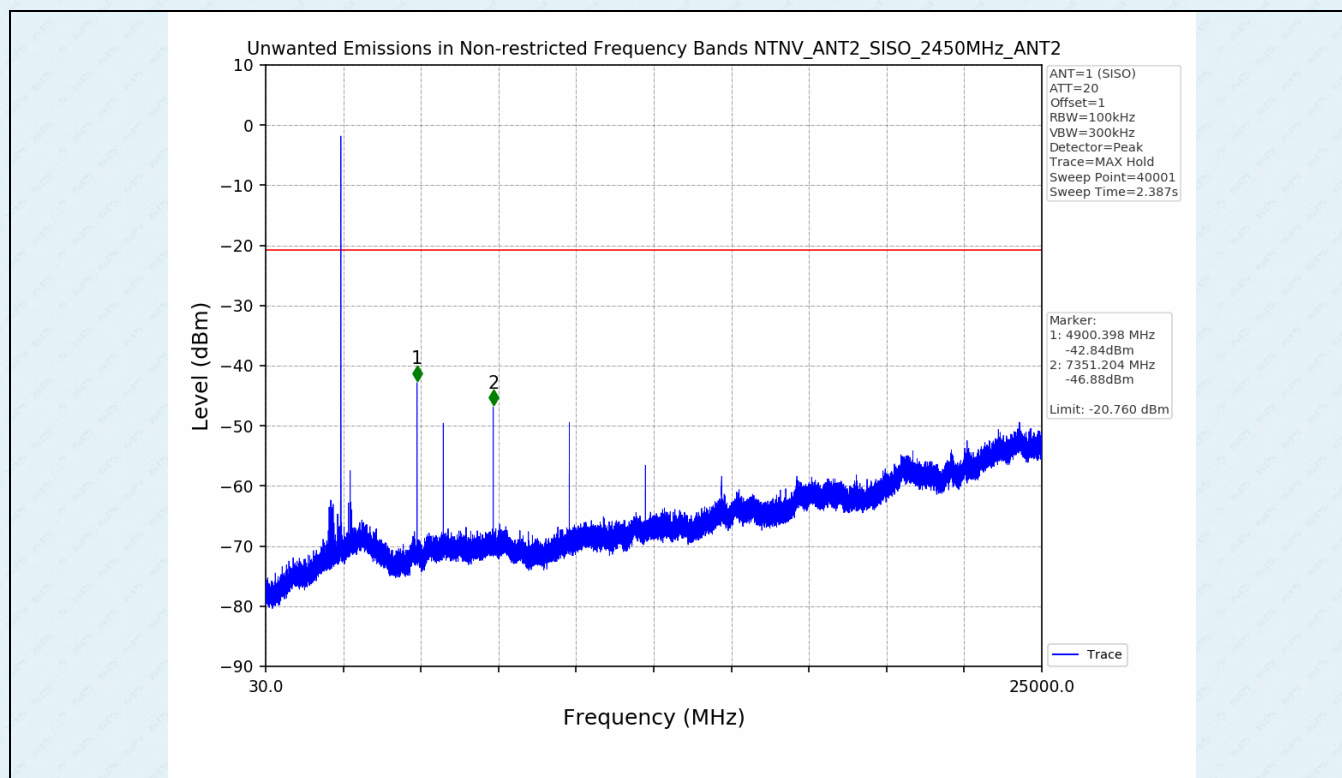
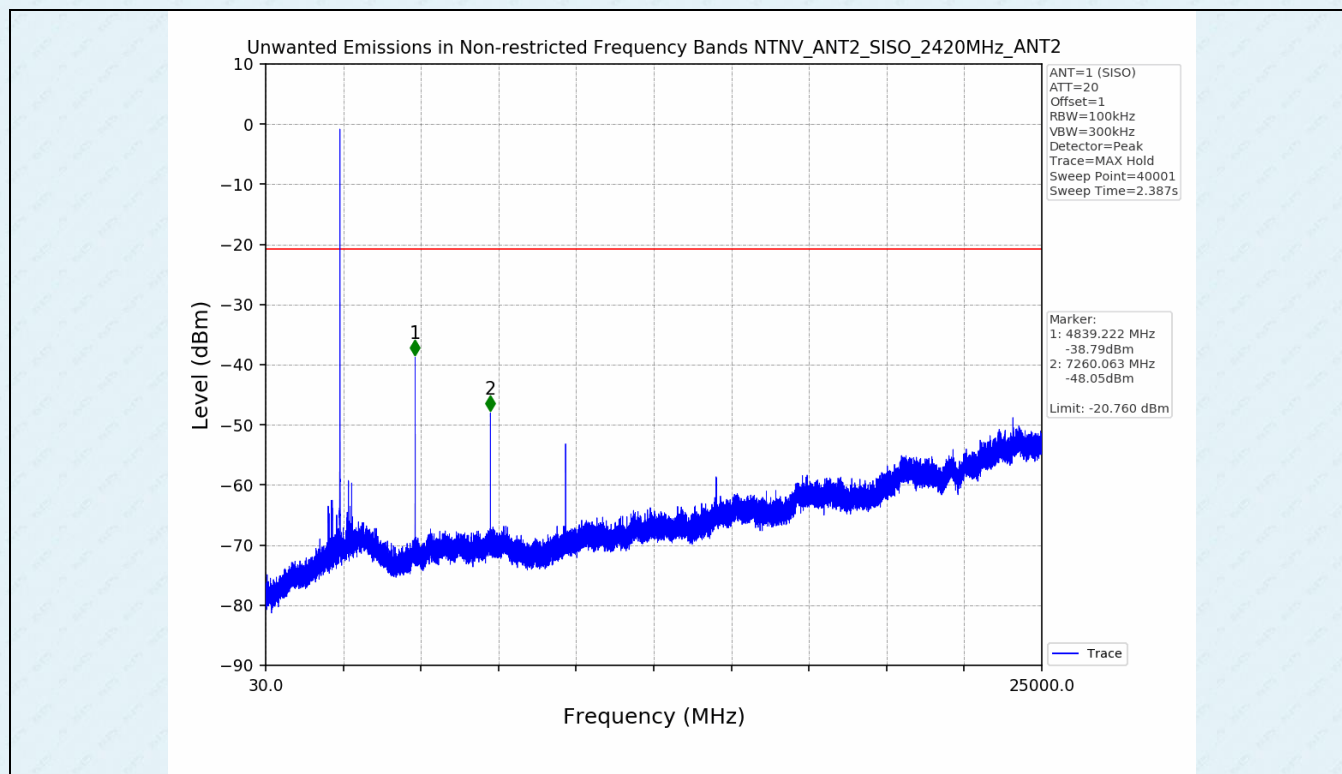


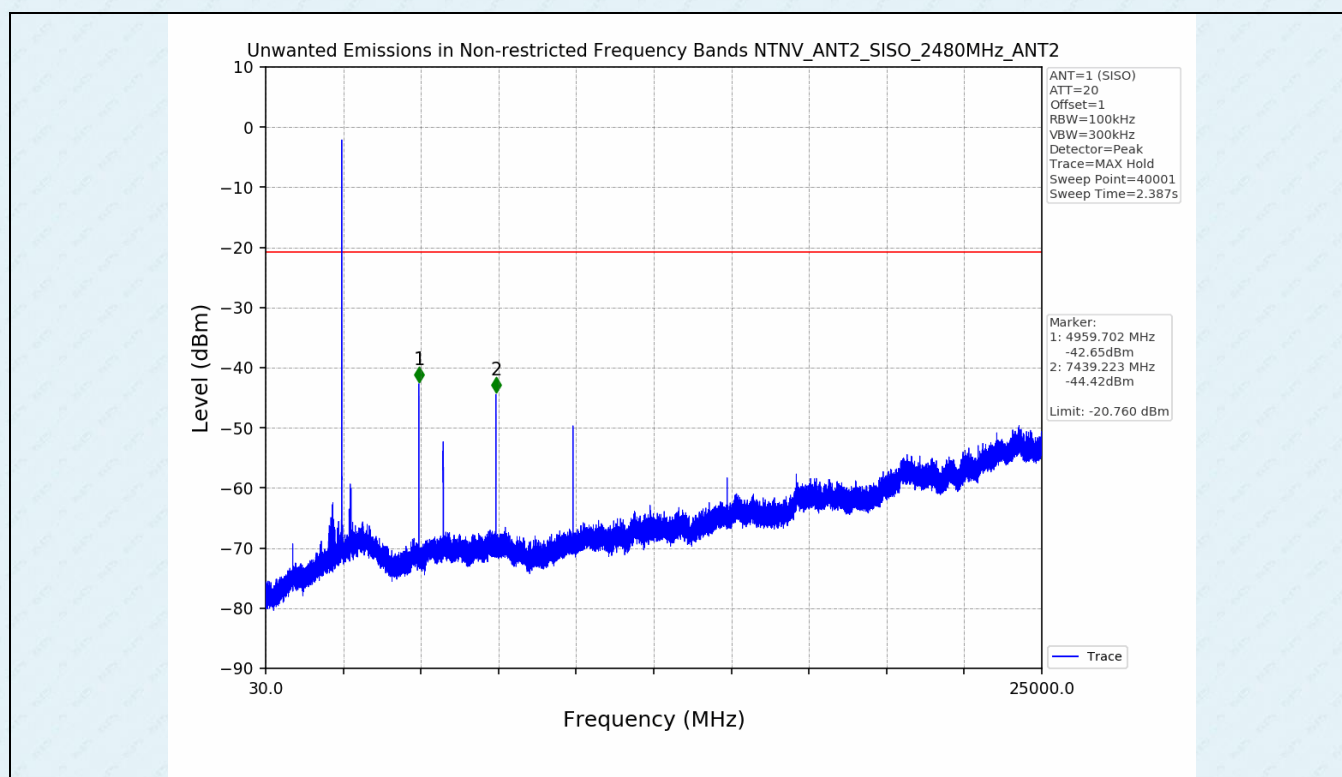
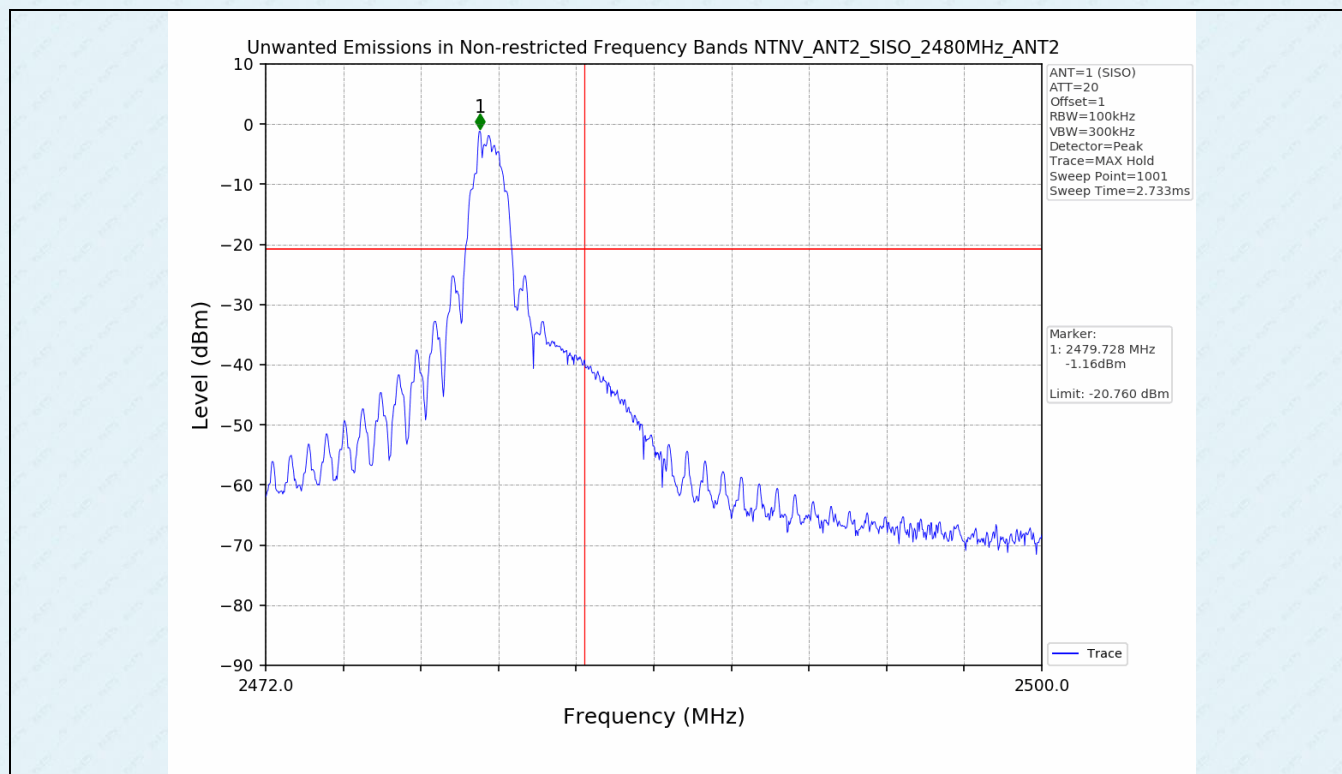


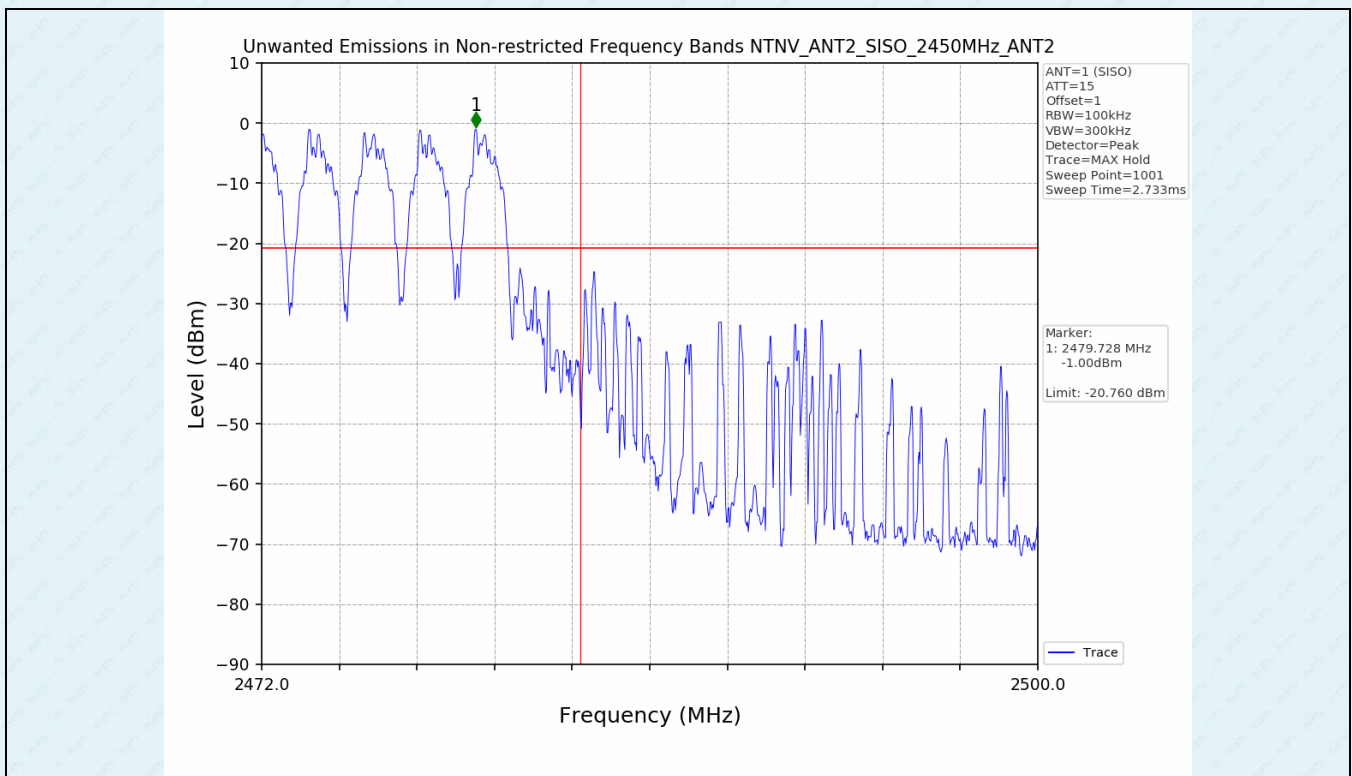
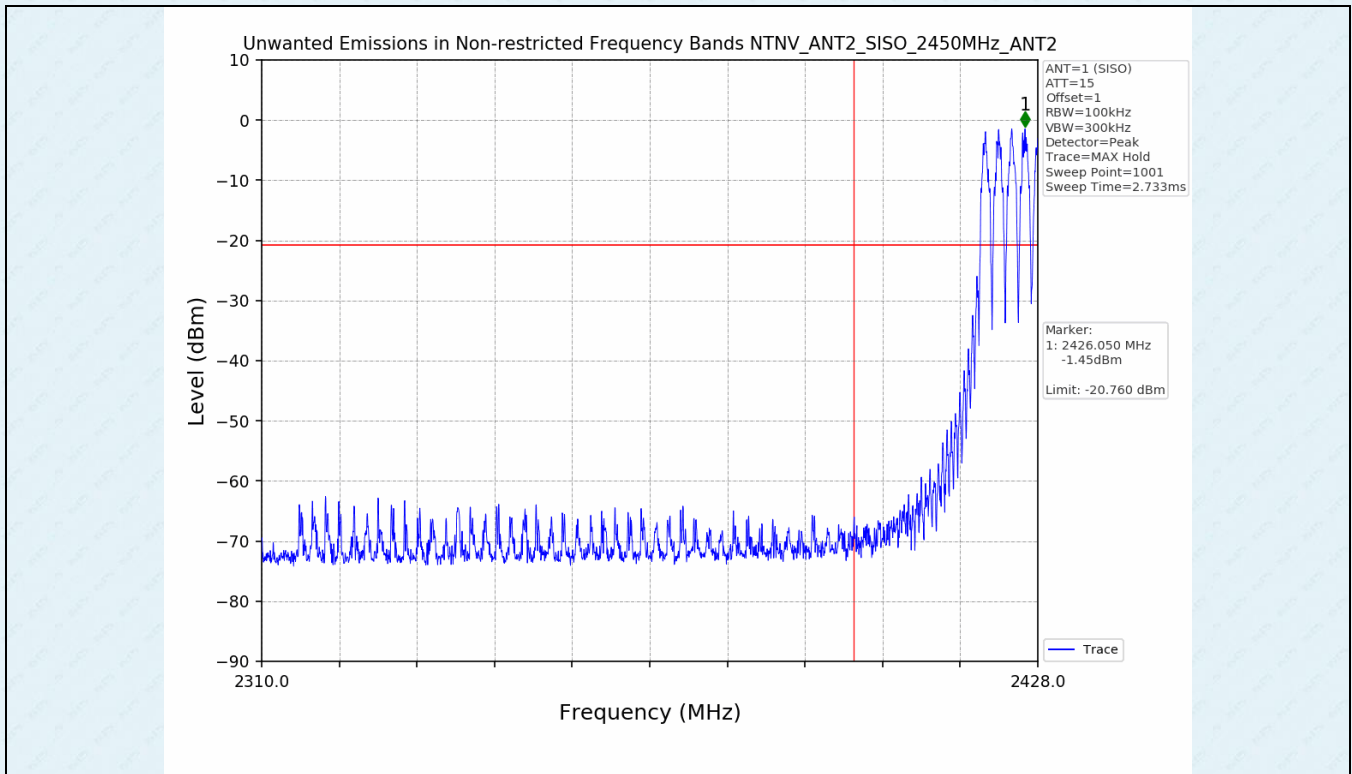












7. Frequency Error

7.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
Carrier	2420	SISO	1	2419.98	2400-2483.5	PASS
	2450	SISO	1	2449.98	2400-2483.5	PASS
	2480	SISO	1	2479.98	2400-2483.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT	Measured Frequency (MHz)		Verdict
				Test Result	Limit	
Carrier	2420	SISO	2	2420.03	2400-2483.5	PASS
	2450	SISO	2	2450.03	2400-2483.5	PASS
	2480	SISO	2	2480.03	2400-2483.5	PASS

7.2 Test Graph

