

Appendix for 15.247

1. Bandwidth

1.1 Test Result

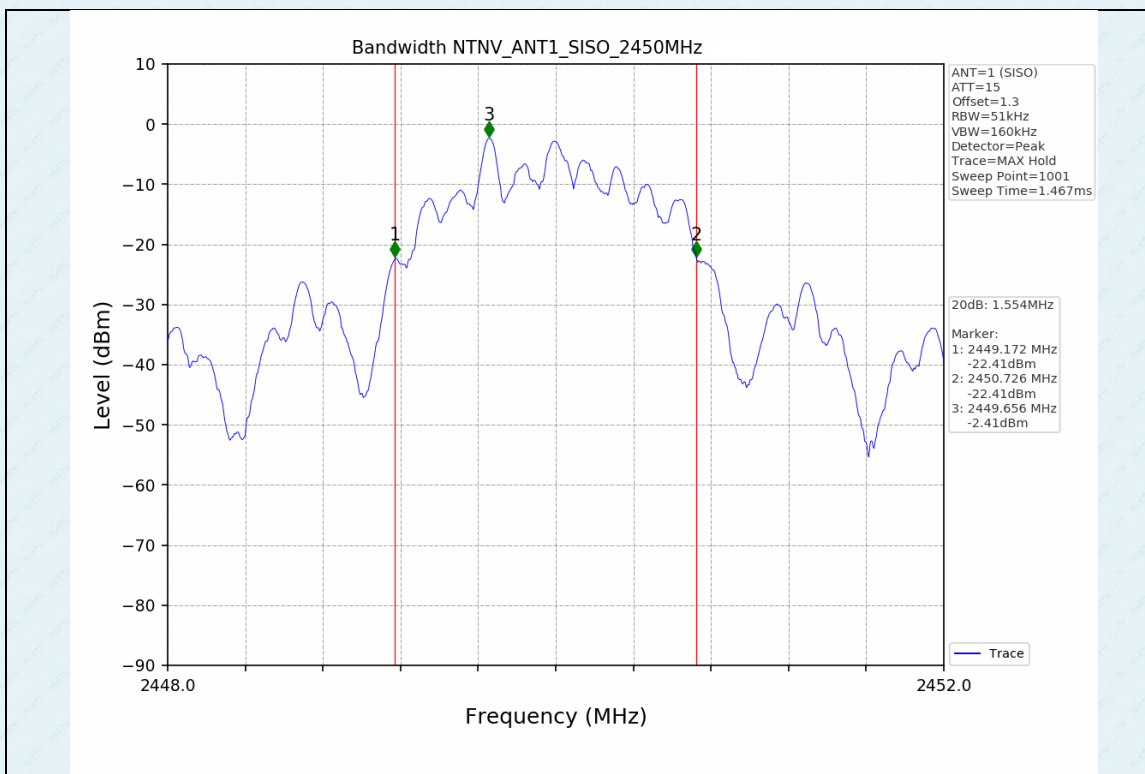
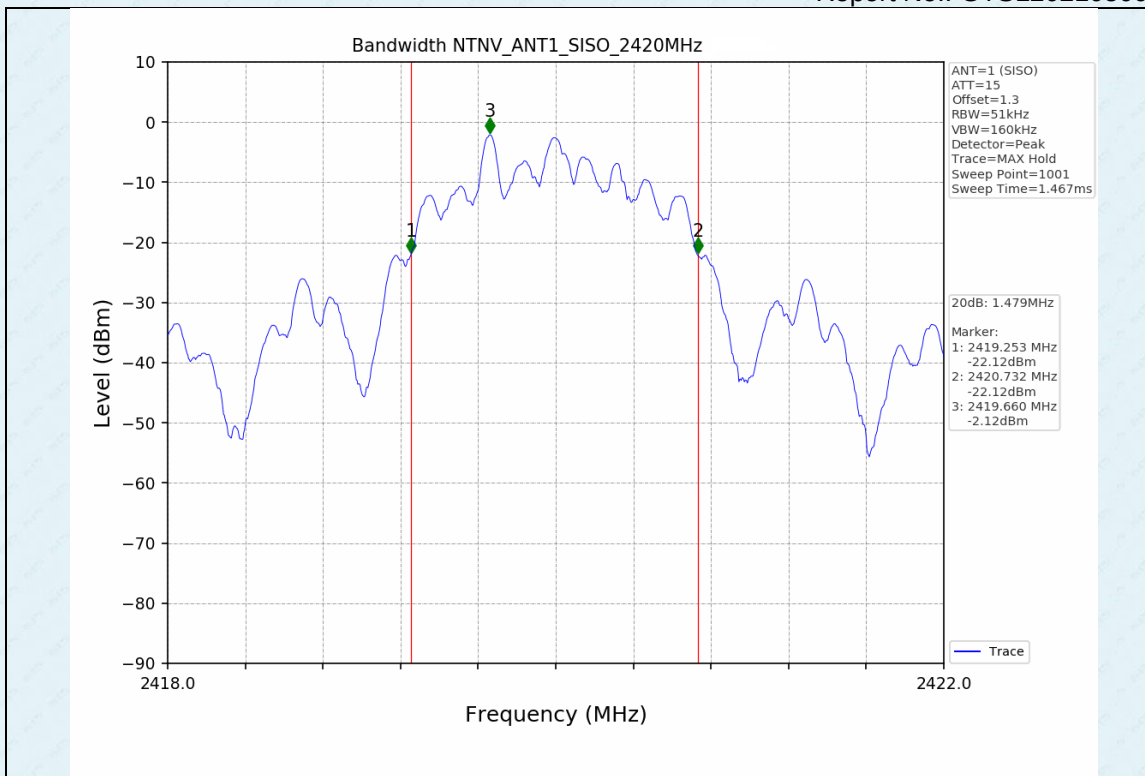
Test Mode	Frequency (MHz)	TX Type	20dB Bandwidth	Verdict
			Test Result (MHz)	
ANT1	2420	SISO	1.479	PASS
	2450	SISO	1.554	PASS
	2480	SISO	1.486	PASS

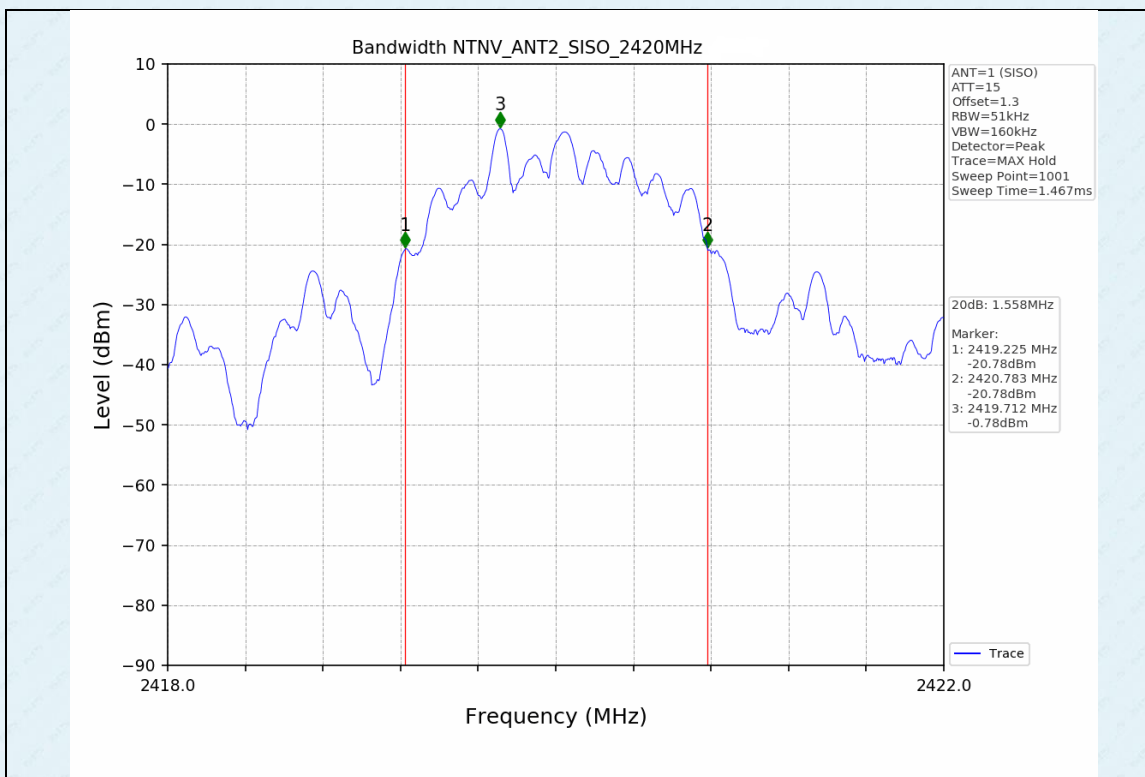
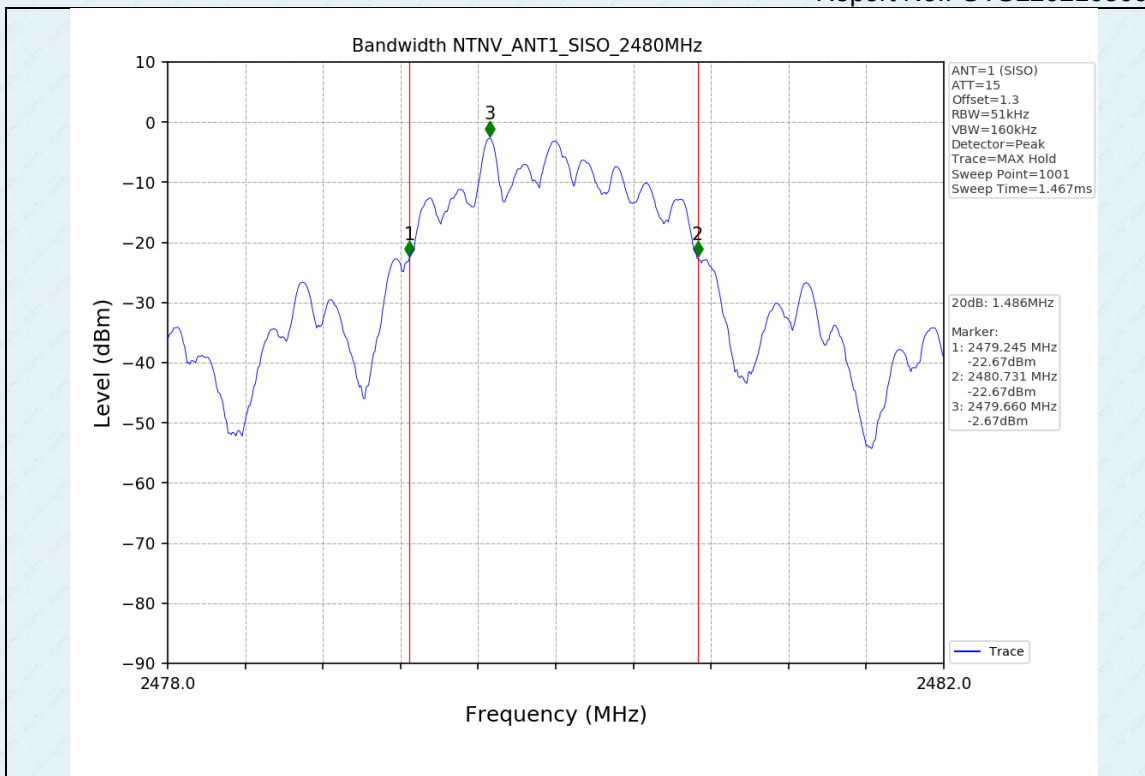
Test Mode	Frequency (MHz)	TX Type	20dB Bandwidth	Verdict
			Test Result (MHz)	
ANT2	2420	SISO	1.558	PASS
	2450	SISO	1.474	PASS
	2480	SISO	1.470	PASS

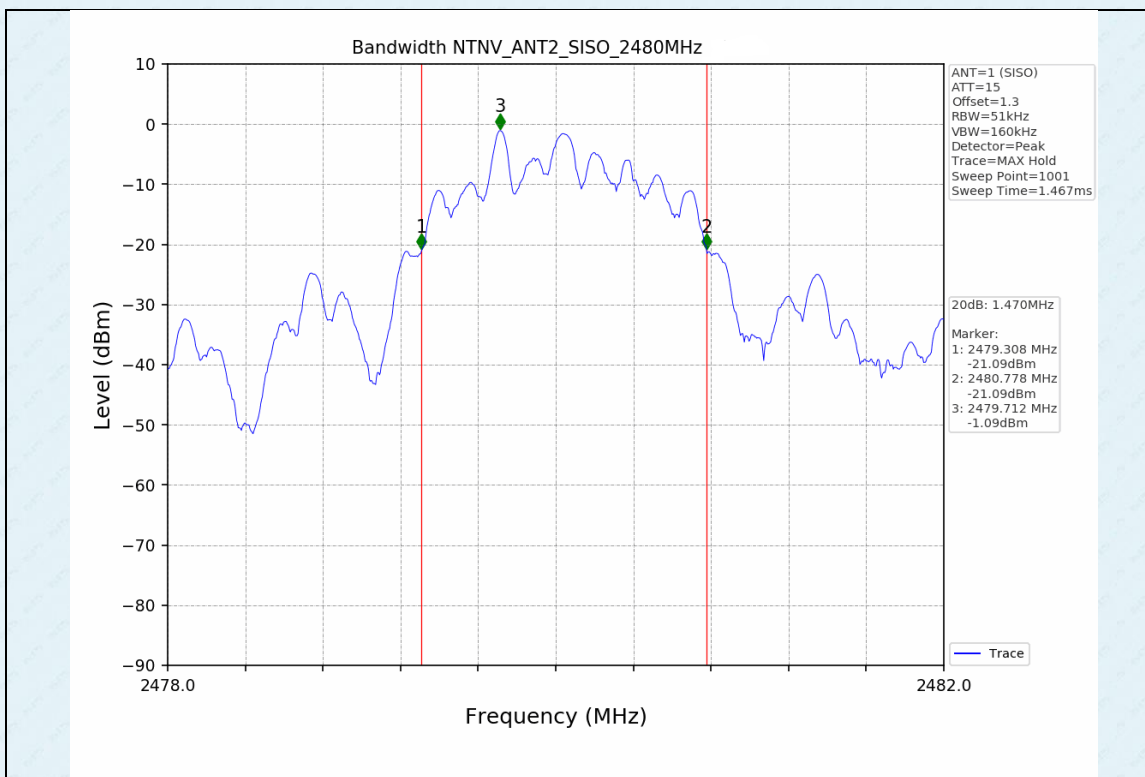
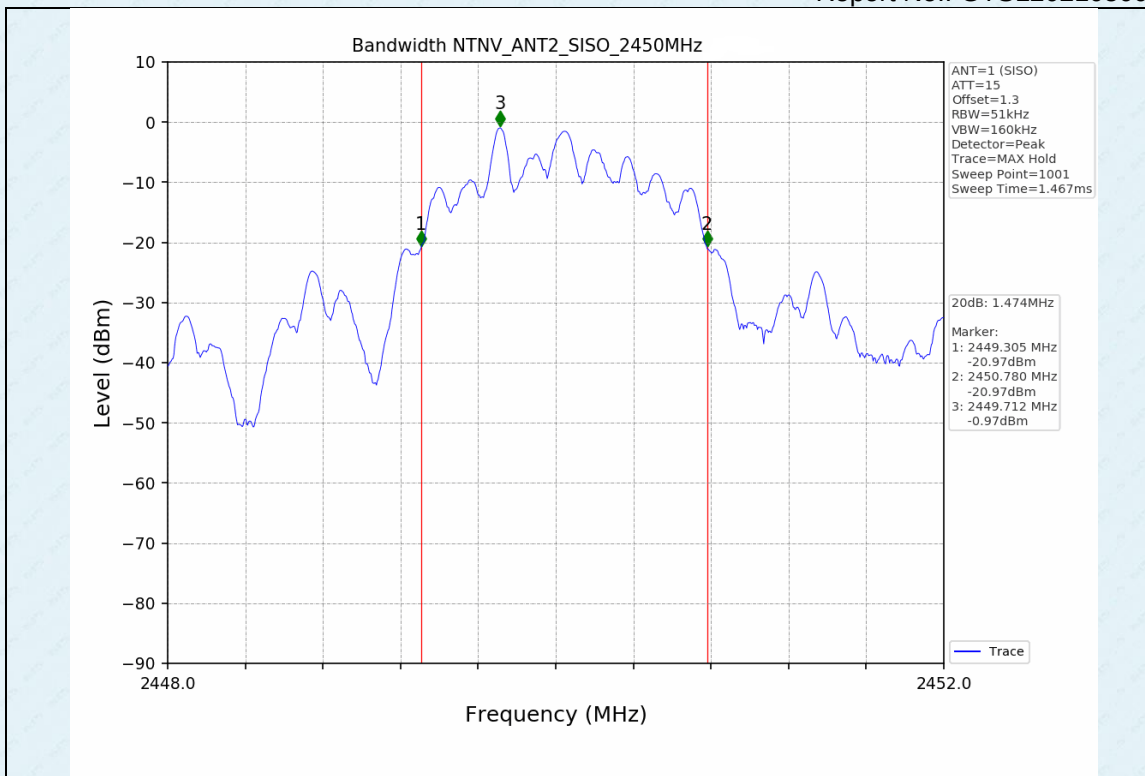
Test Mode	Frequency (MHz)	TX Type	99% Occupied Bandwidth	
			Test Result (MHz)	
ANT1	2420	SISO	1.488	Only for Report Use
	2450	SISO	1.487	Only for Report Use
	2480	SISO	1.486	Only for Report Use

Test Mode	Frequency (MHz)	TX Type	99% Occupied Bandwidth	
			Test Result (MHz)	
ANT2	2420	SISO	1.504	Only for Report Use
	2450	SISO	1.494	Only for Report Use
	2480	SISO	1.492	Only for Report Use

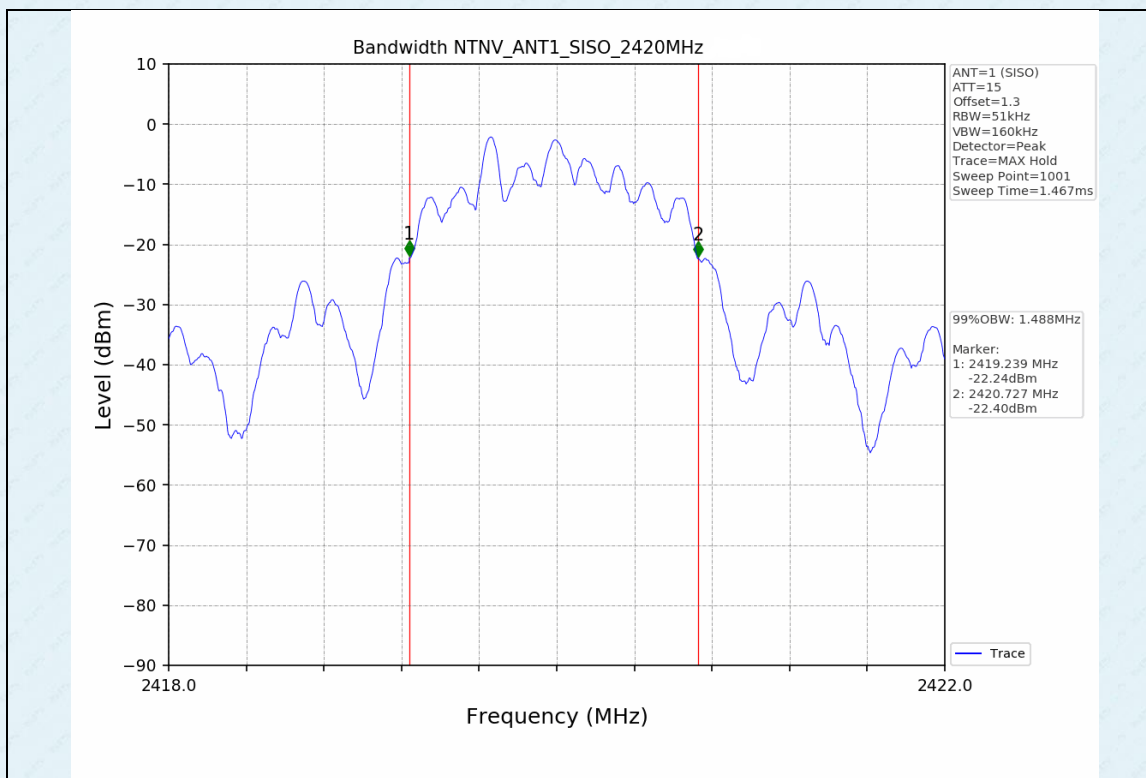
1.2 Test Graph - 20dB Bandwidth

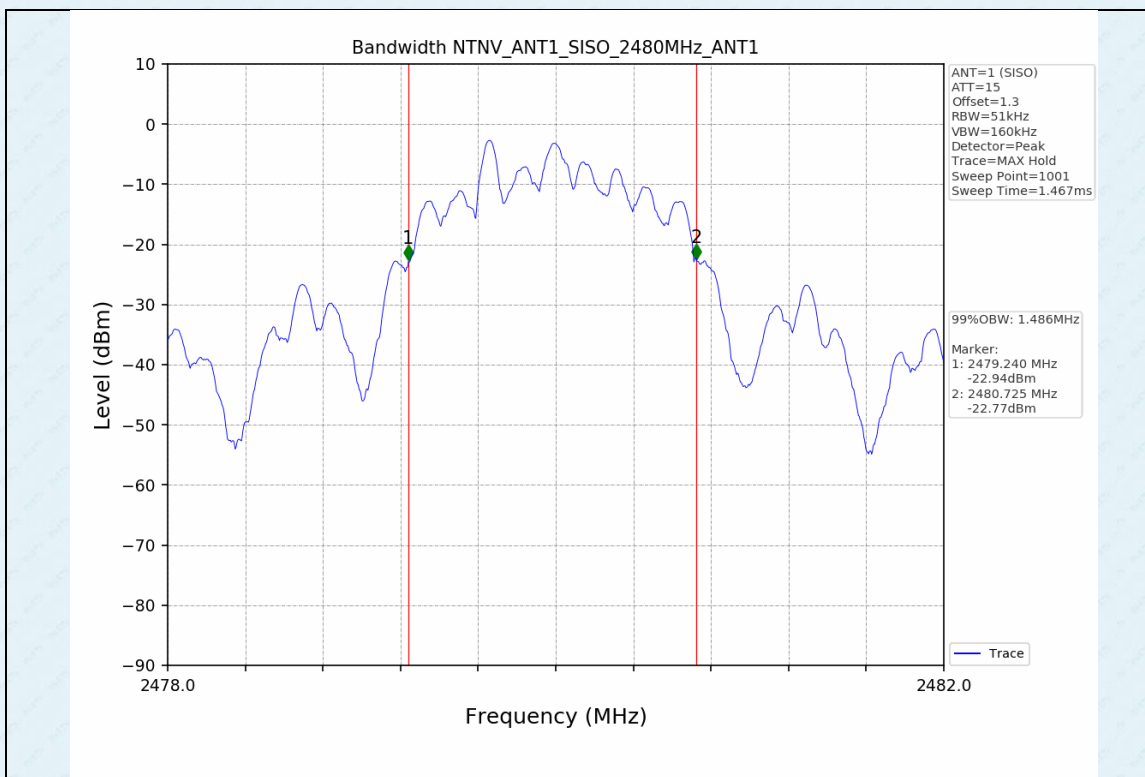
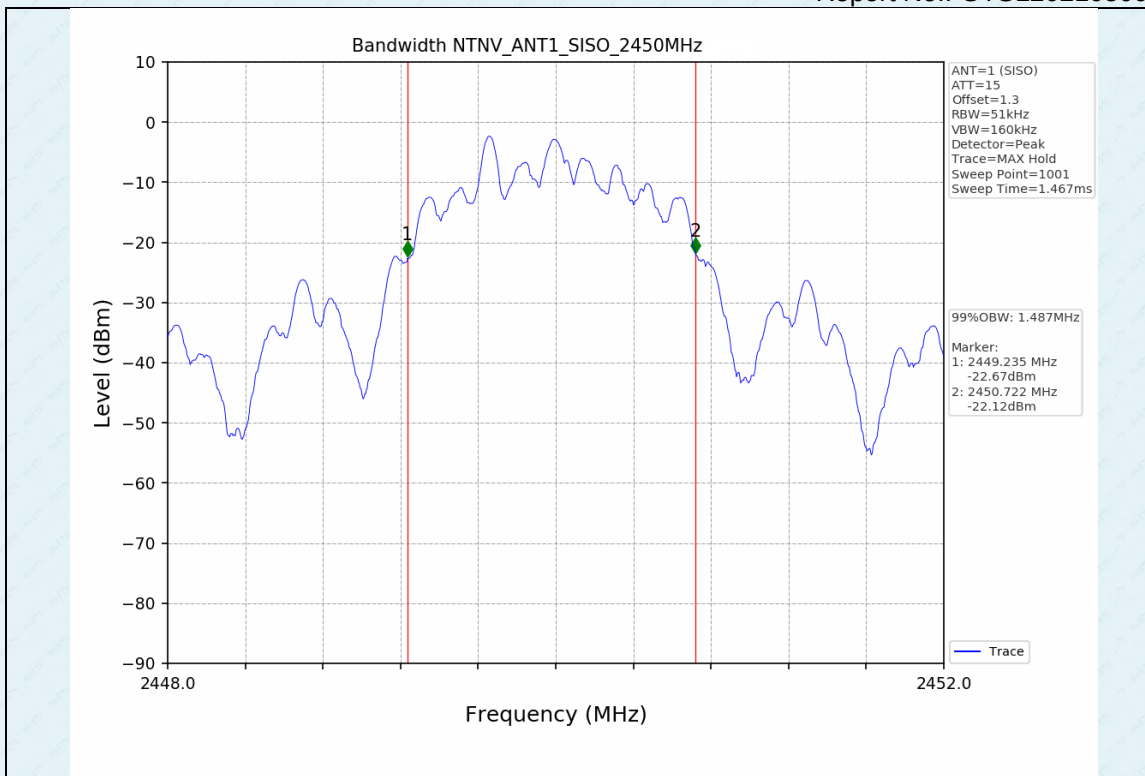


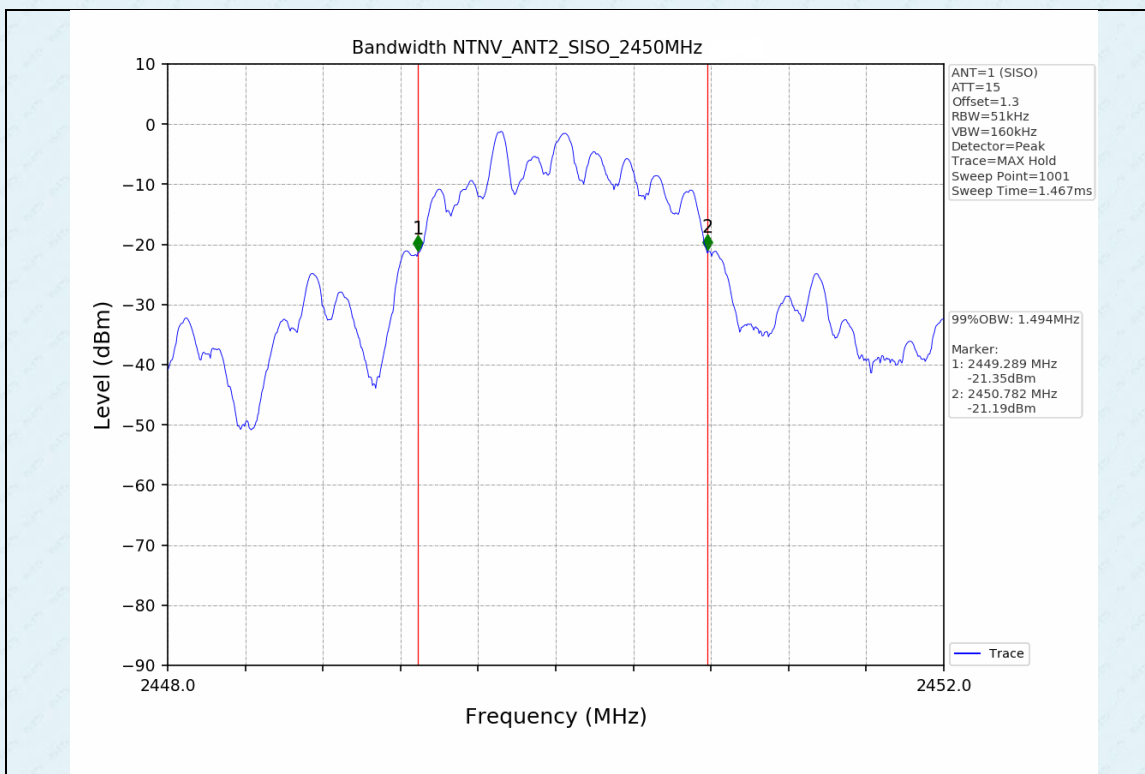
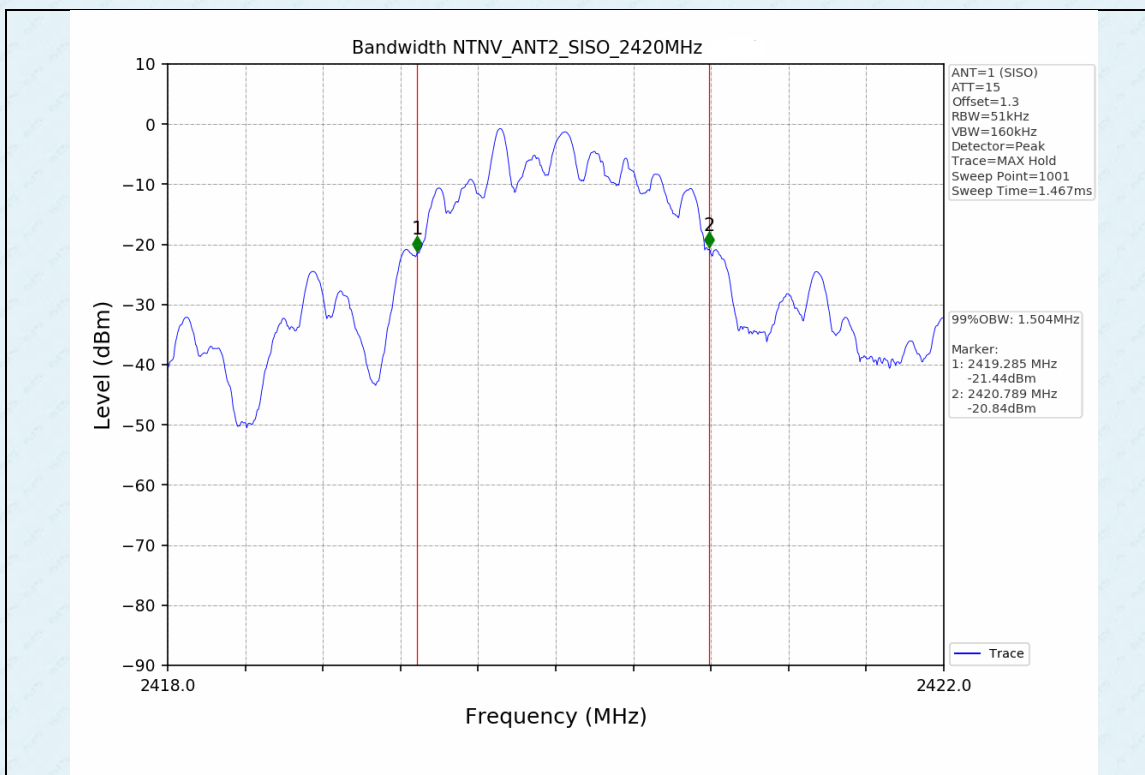


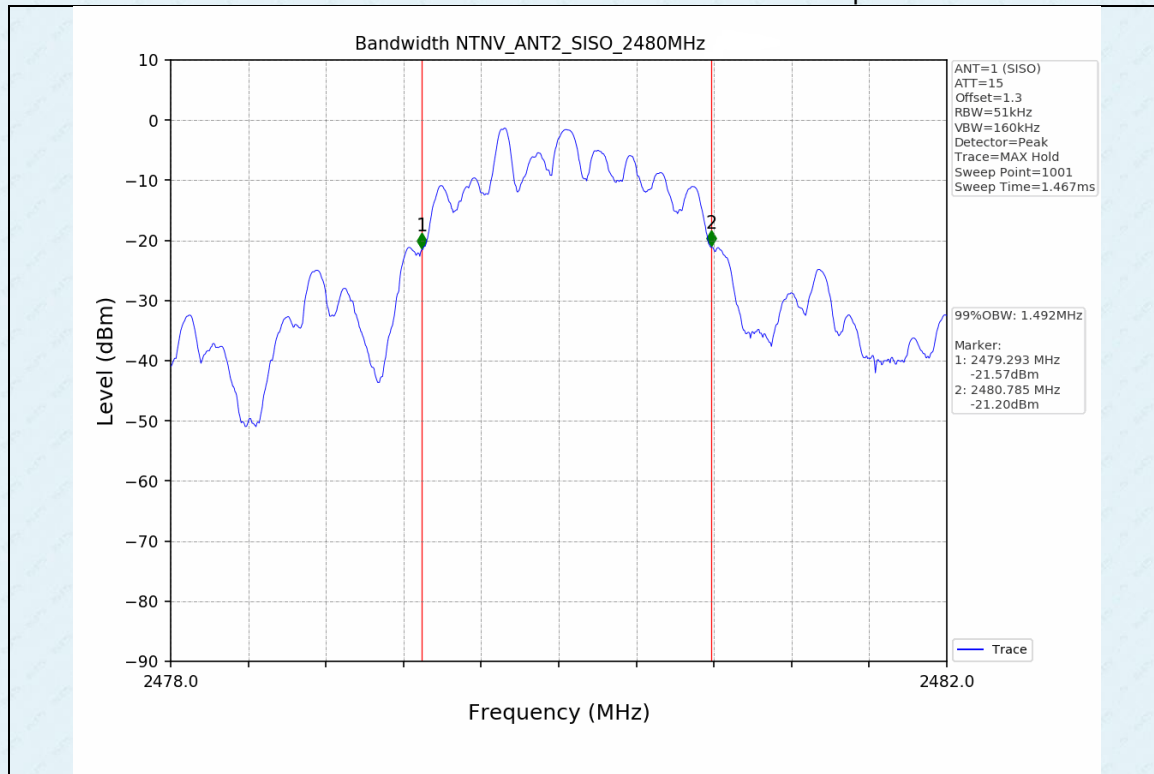


1.3 Test Graph - 99% Occupied Bandwidth









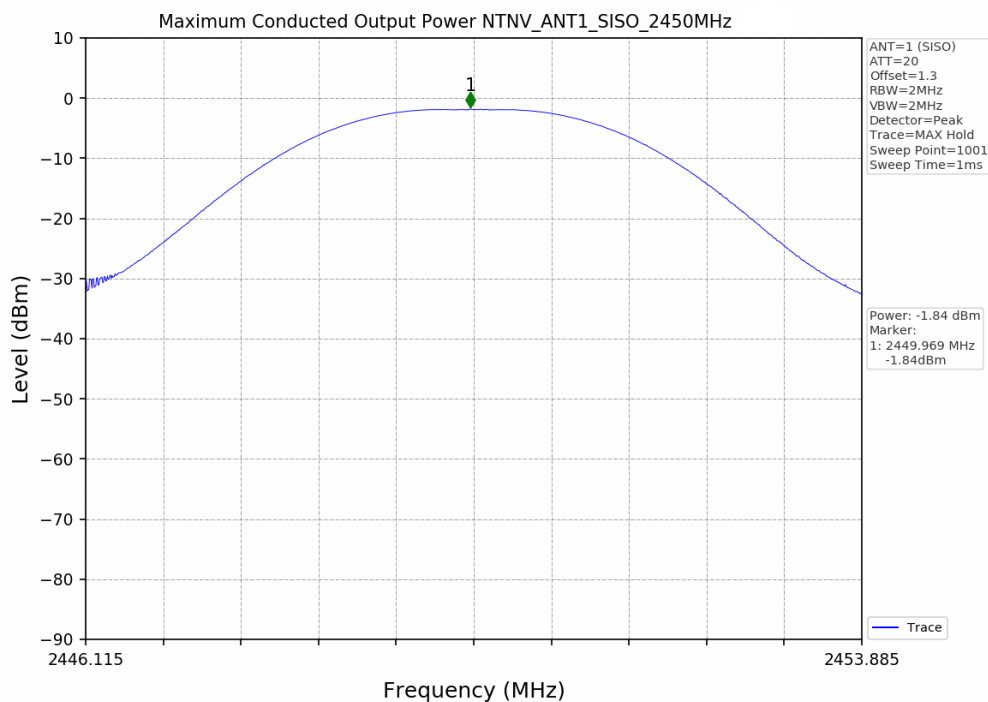
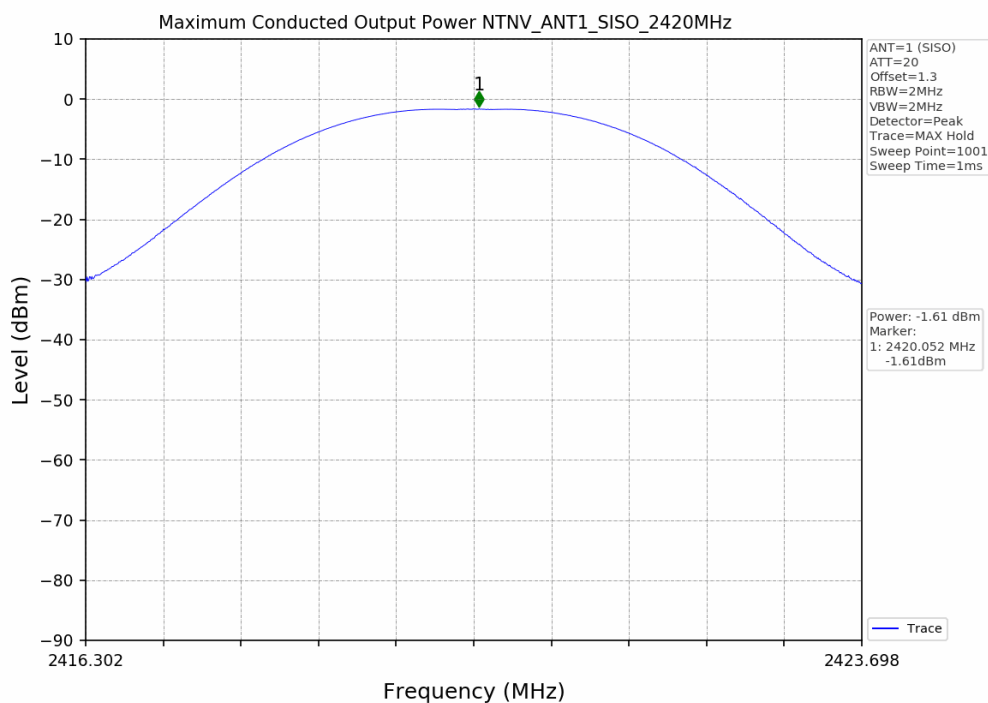
2. Maximum Conducted Output Power

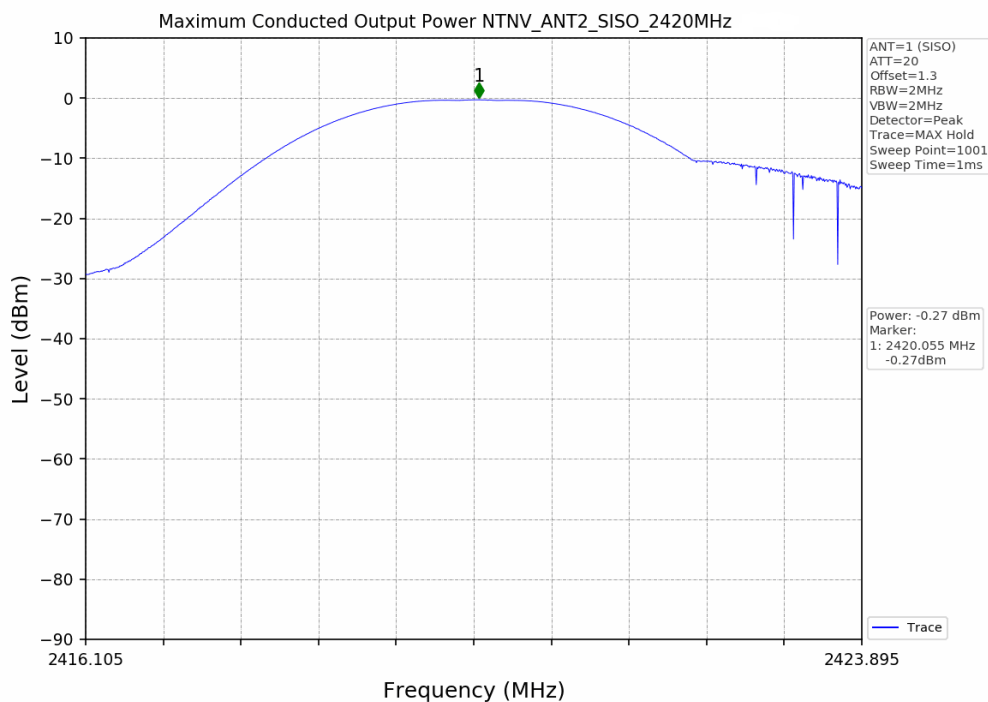
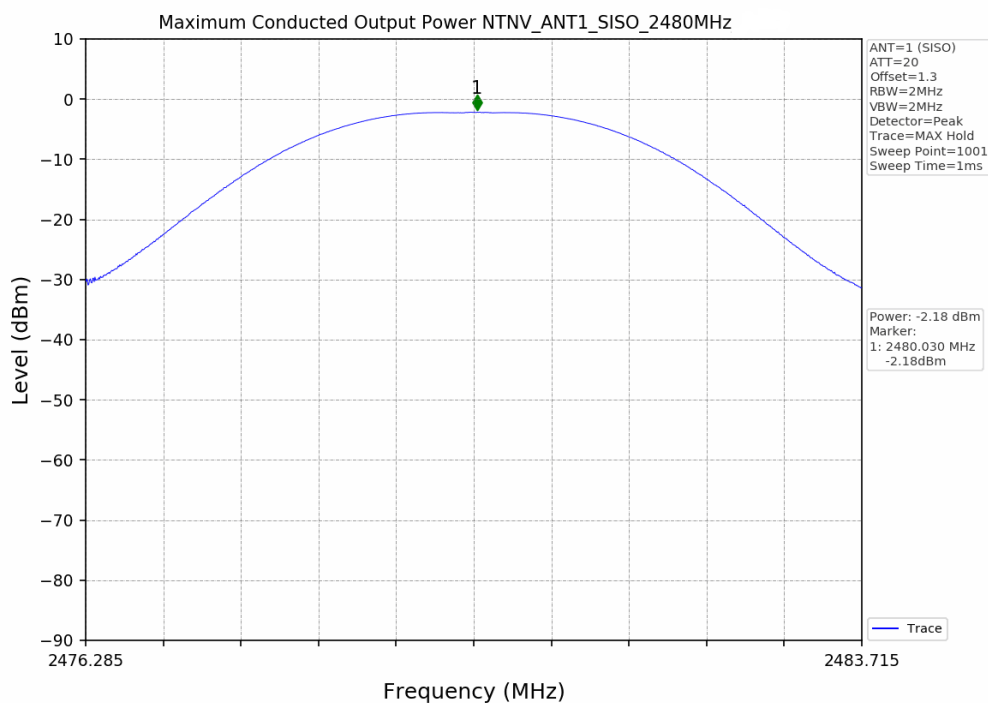
2.1 Test Result

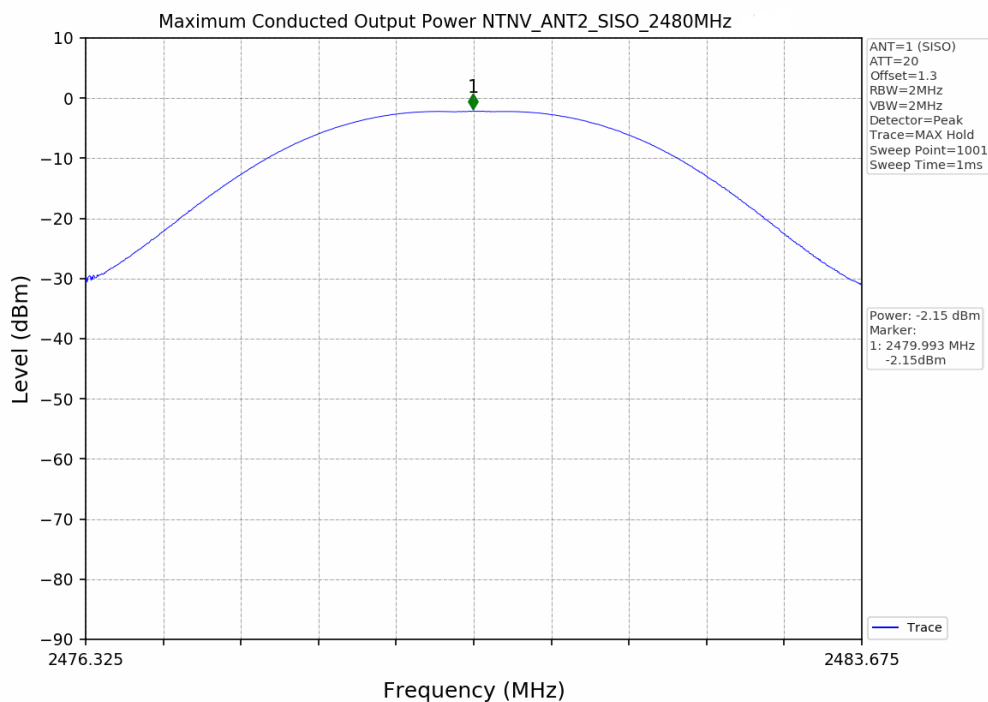
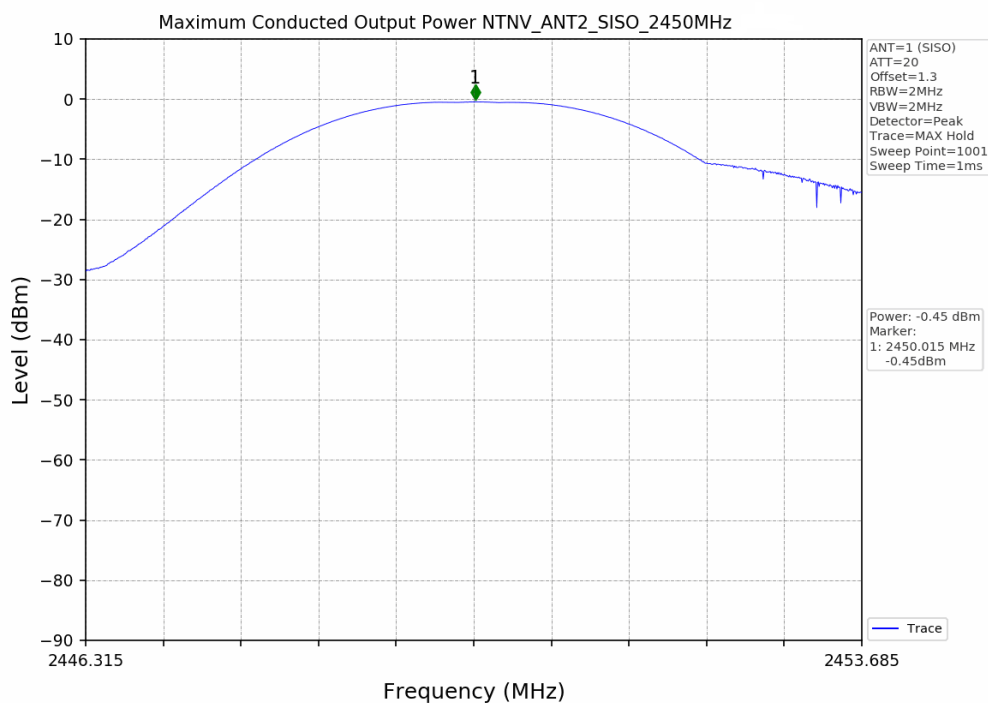
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
ANT1	2420	SISO	-1.61	20.97	PASS
	2450	SISO	-1.84	20.97	PASS
	2480	SISO	-2.18	20.97	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
ANT2	2420	SISO	-0.27	20.97	PASS
	2450	SISO	-0.45	20.97	PASS
	2480	SISO	-2.15	20.97	PASS

2.2 Test Graph







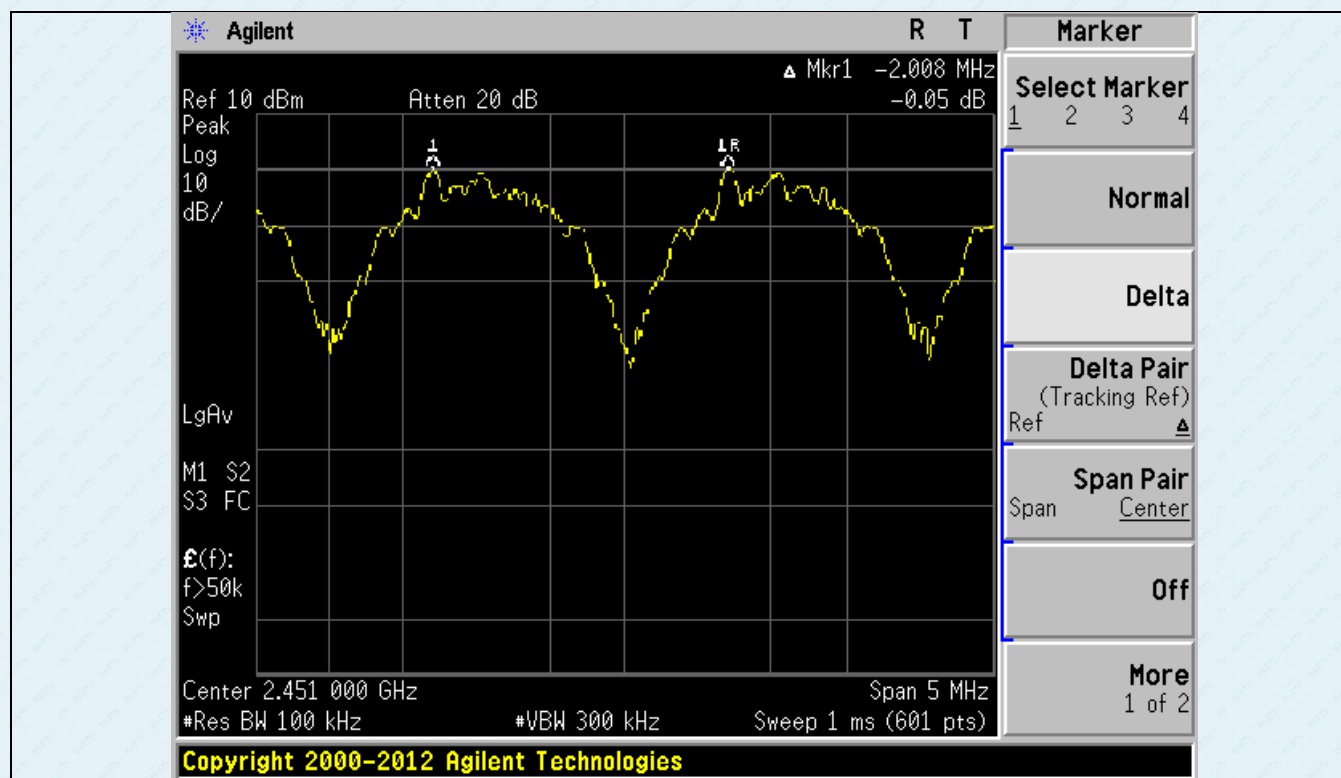
3. Carrier frequency separation

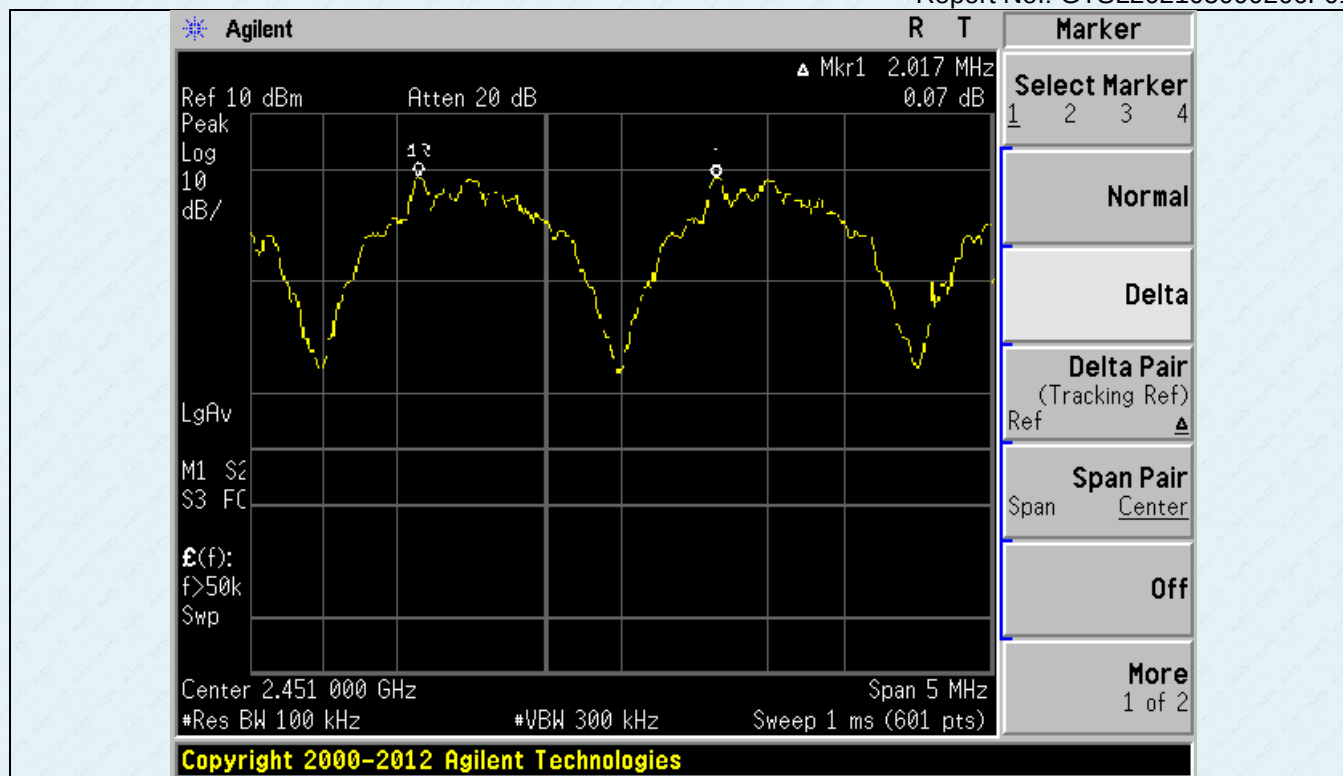
3.1 Test Result

Test Mode	TX Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
ANT1	SISO	2.008	1.554	≥ 1.036	PASS

Test Mode	TX Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
ANT2	SISO	2.017	1.558	≥ 1.039	PASS

3.2 Test Graph





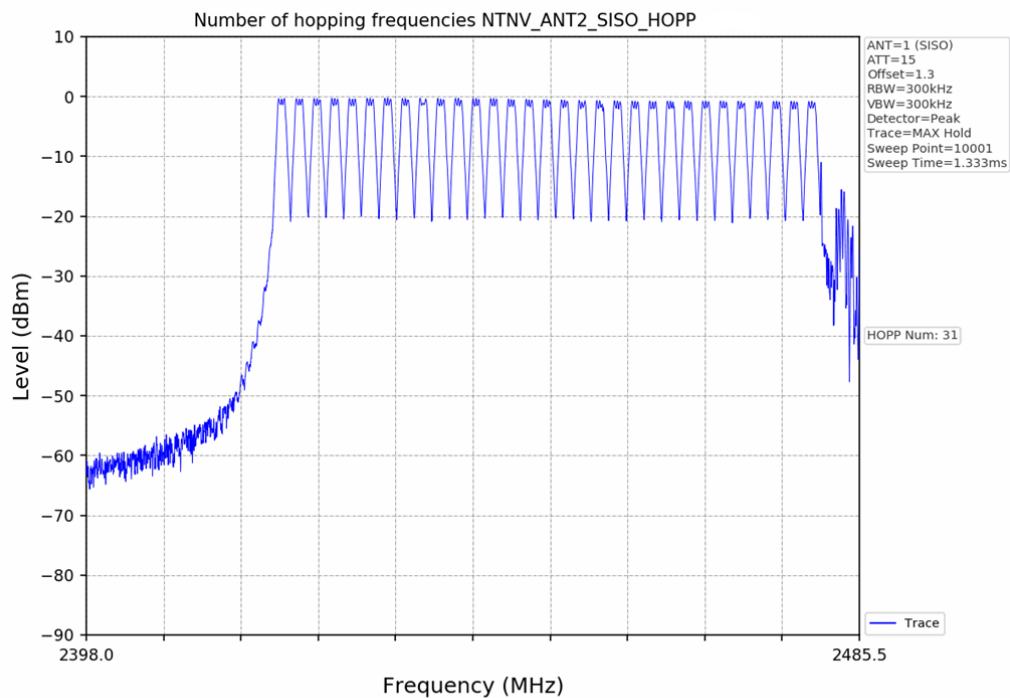
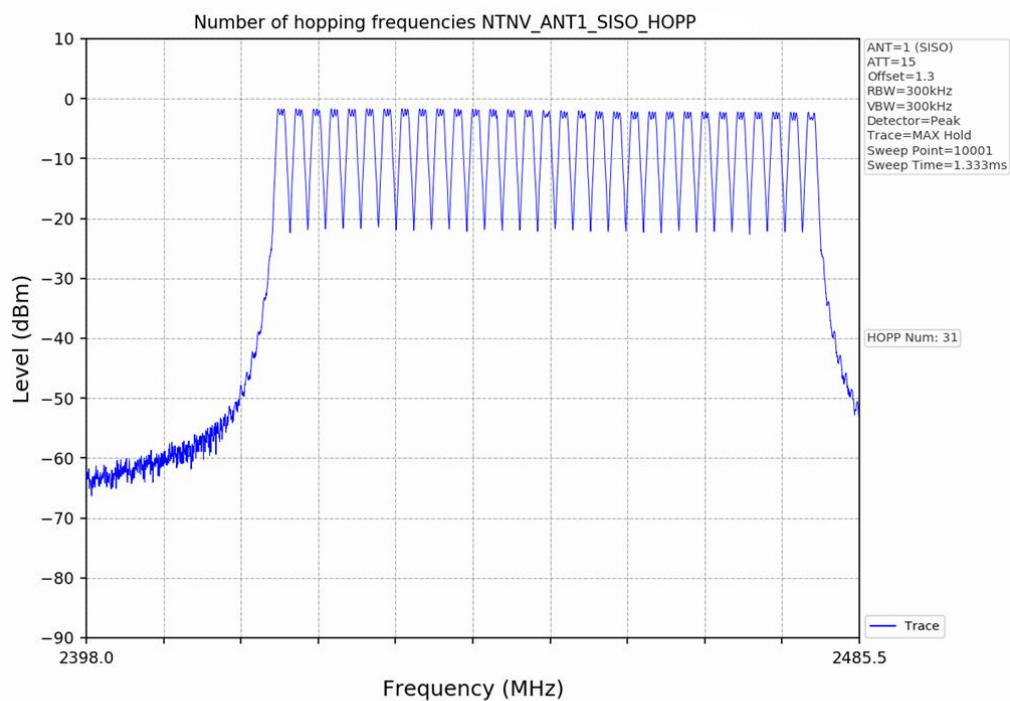
4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	Hopping channel	Limits	Verdict
ANT1	SISO	31	≥15	PASS

Test Mode	TX Type	Hopping channel	Limits	Verdict
ANT2	SISO	31	≥15	PASS

4.2 Test Graph



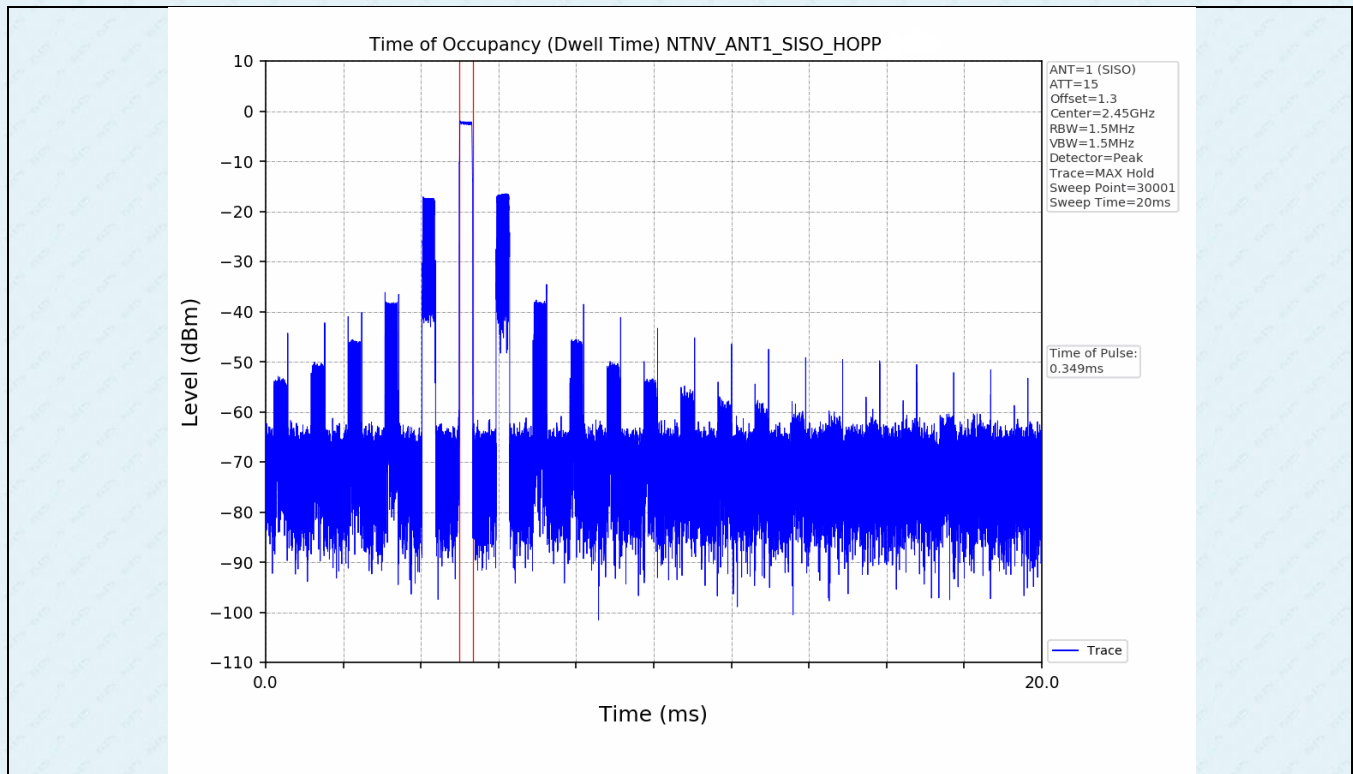
5. Time of Occupancy (Dwell Time)

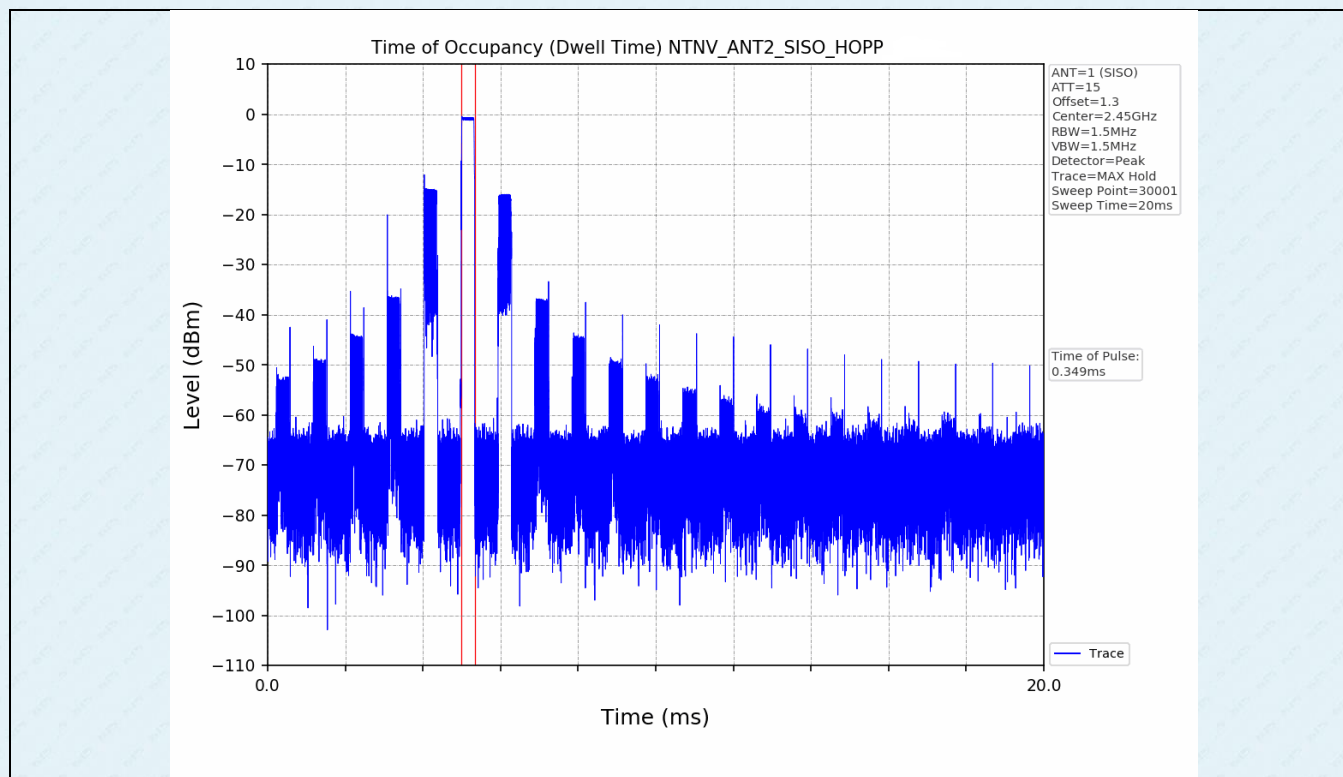
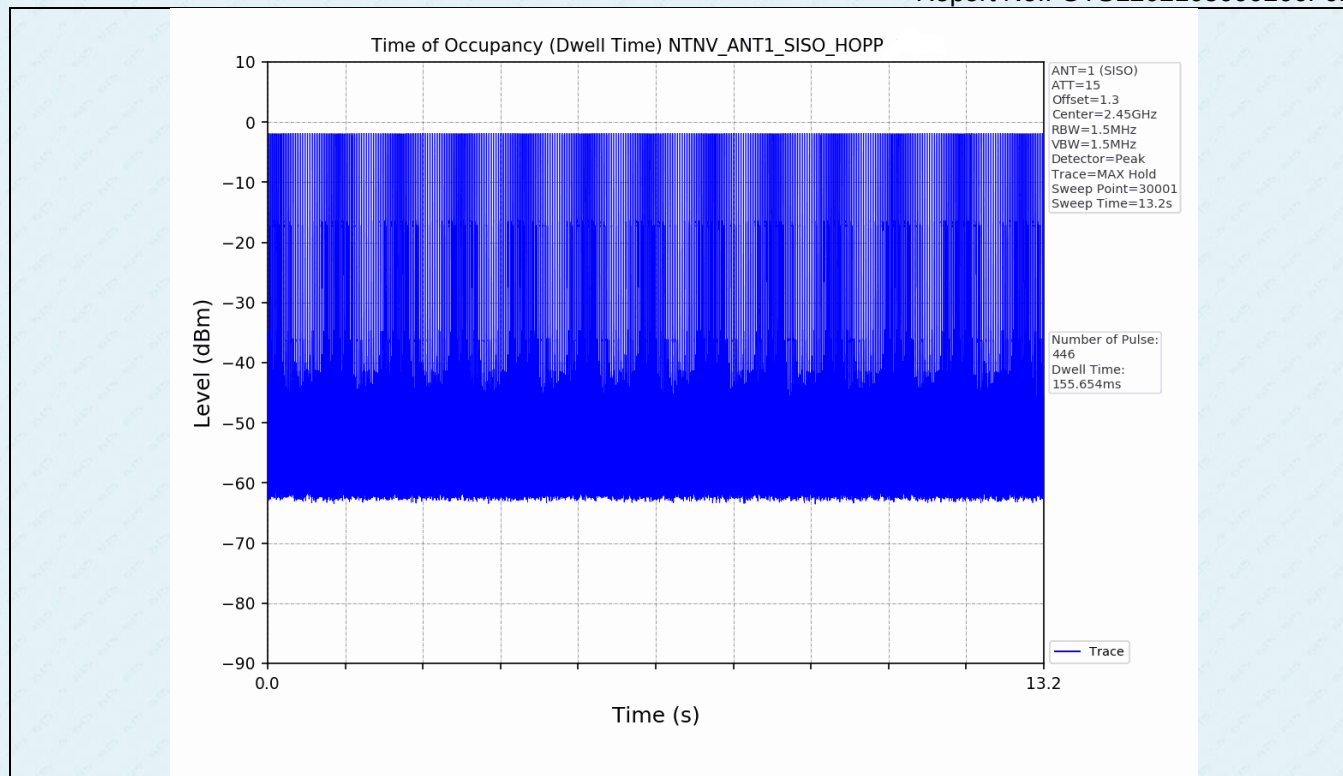
5.1 Test Result

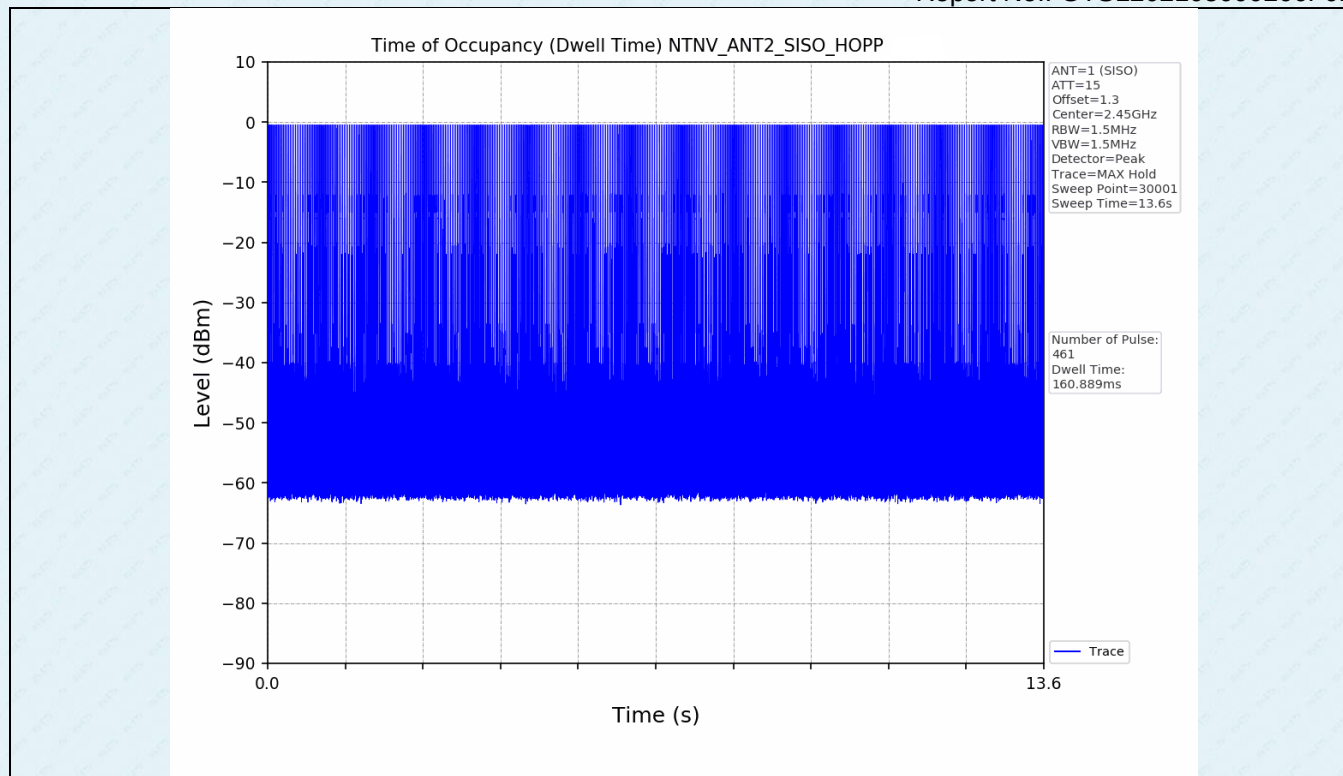
Test Mode	Packet Type	TX Type	Duration of Single Pulse (ms)	Obeservation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
ANT1	NoPT	SISO	0.349	12.4	446	155.654	≤400	PASS

Test Mode	Packet Type	TX Type	Duration of Single Pulse (ms)	Obeservation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
ANT2	NoPT	SISO	0.349	12.4	461	160.889	≤400	PASS

5.2 Test Graph







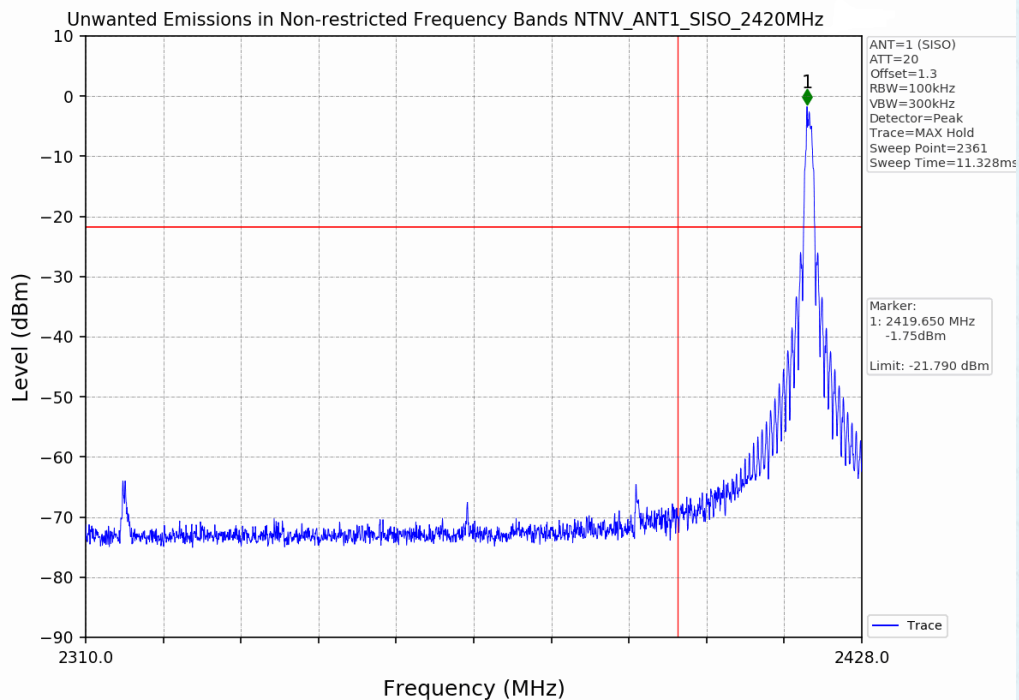
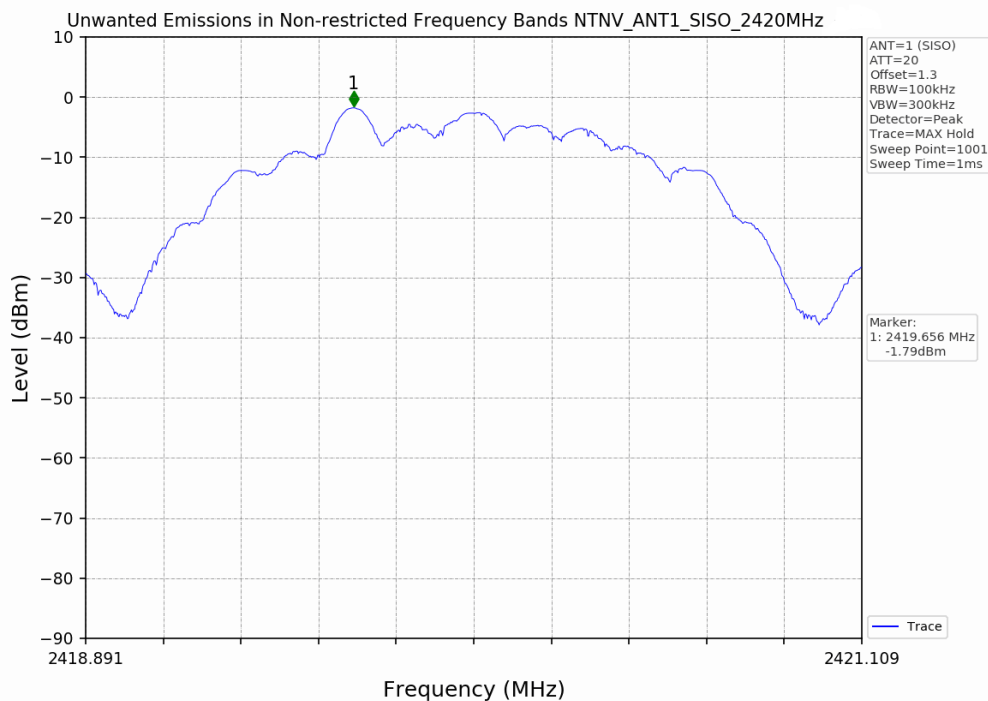
6. Unwanted Emissions in Non-restricted Frequency Bands

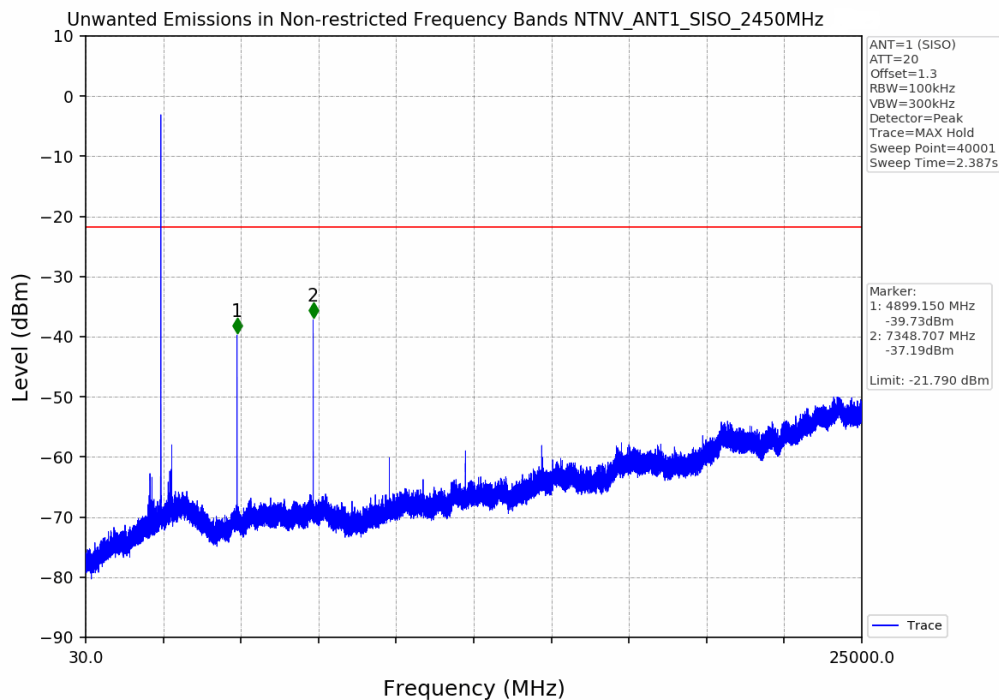
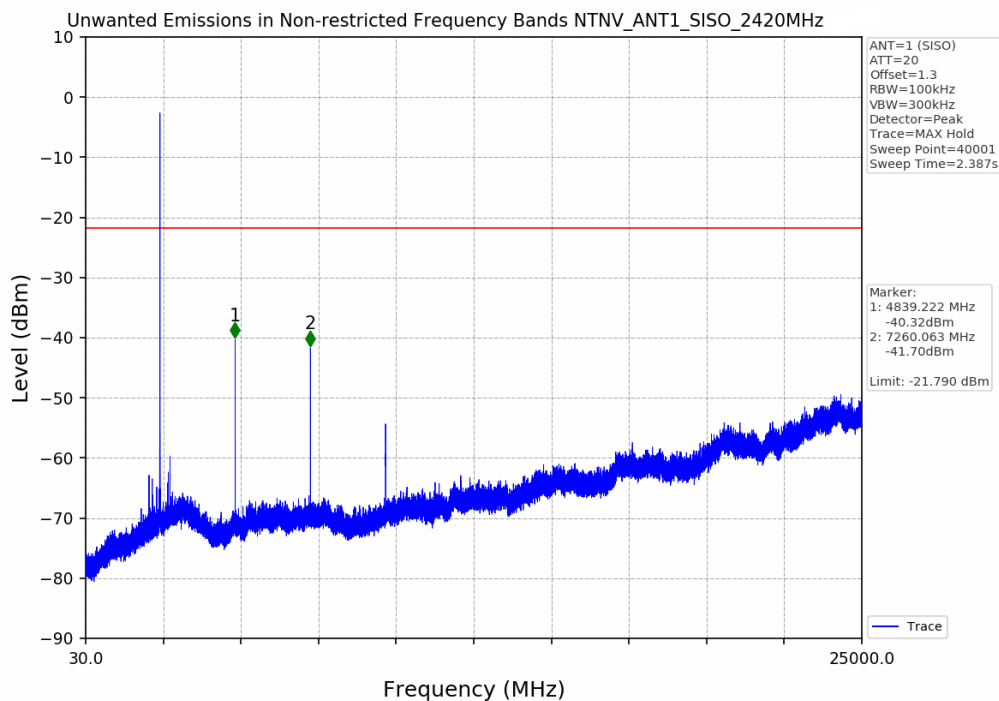
6.1 Test Result

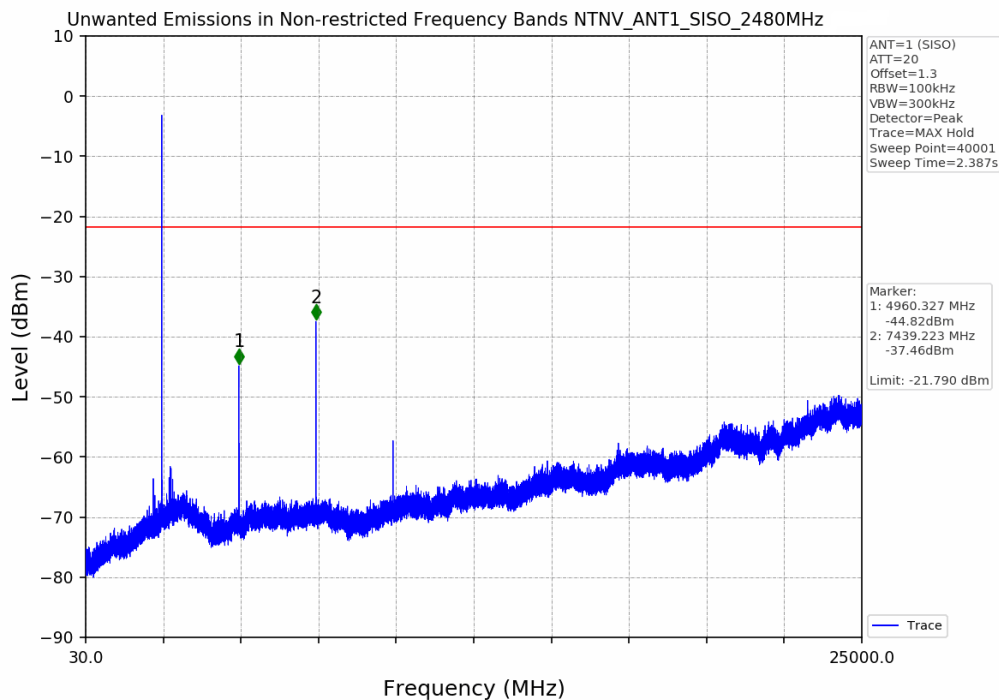
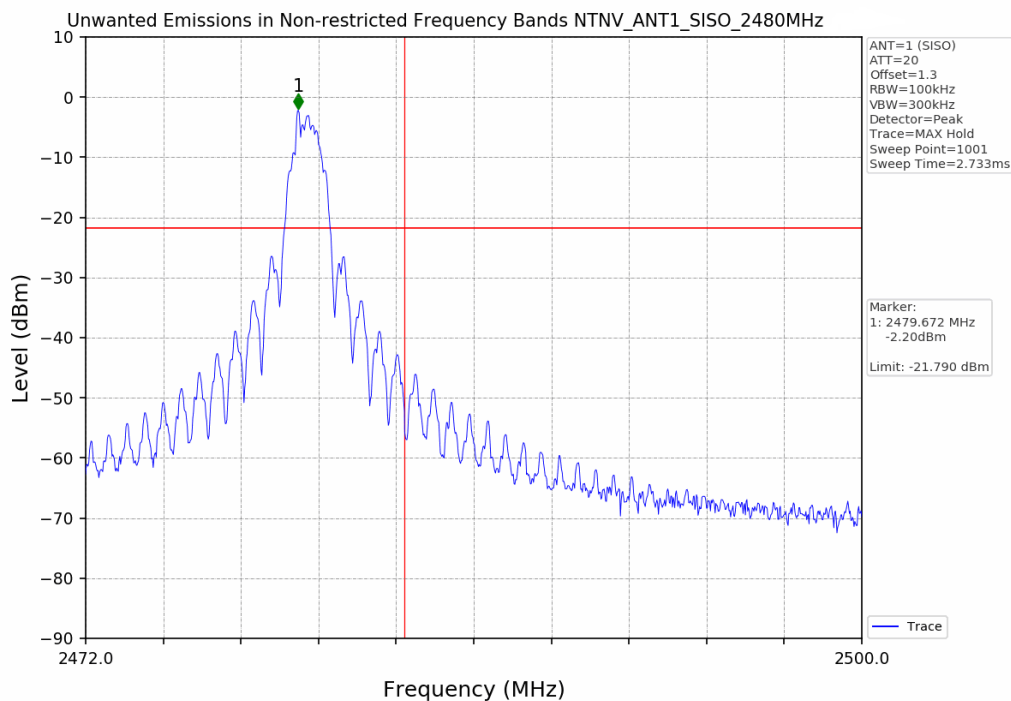
Test Mode	Frequency (MHz)	TX Type	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
ANT1	2420	SISO	Refer to test graph	-21.79	PASS
	2450	SISO	Refer to test graph	-21.79	PASS
	2480	SISO	Refer to test graph	-21.79	PASS
	Hopping	SISO	Refer to test graph	-21.79	PASS

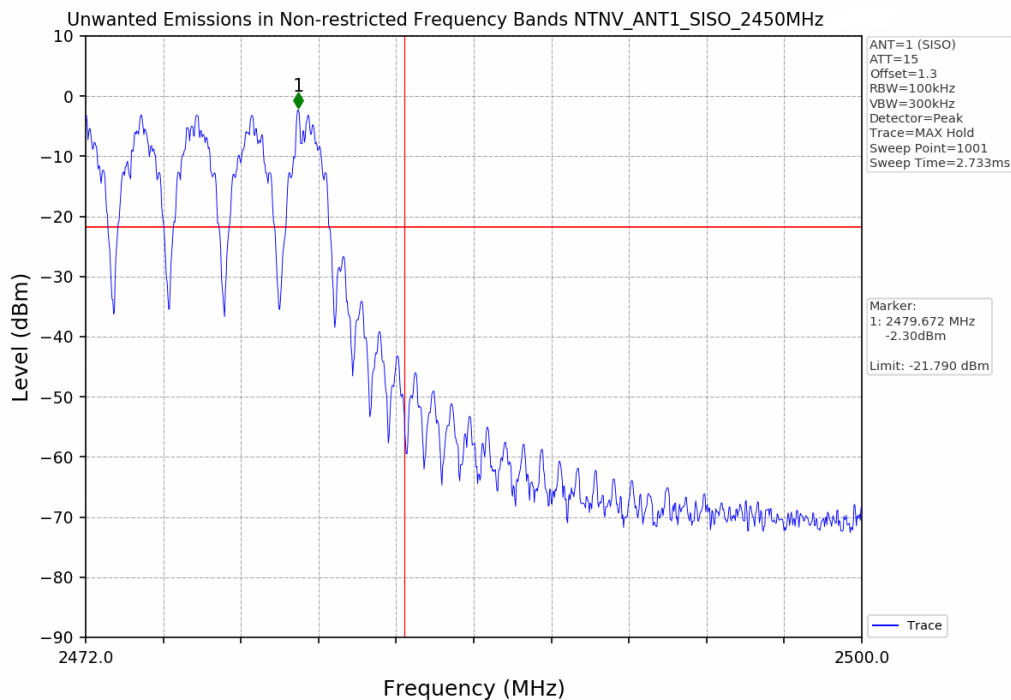
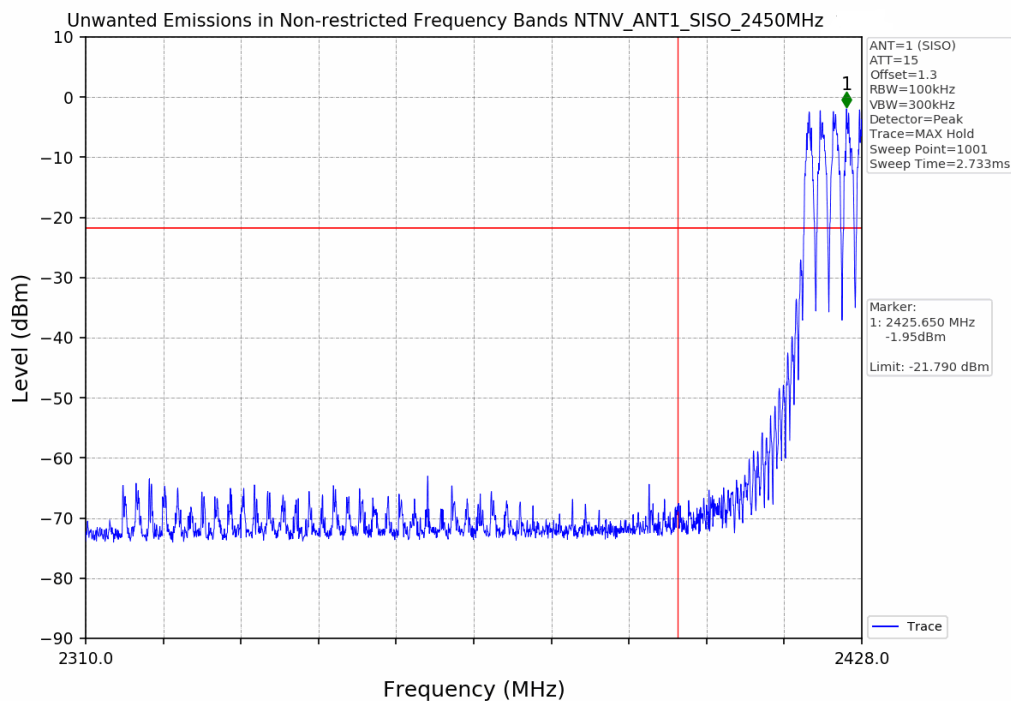
Test Mode	Frequency (MHz)	TX Type	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
ANT2	2420	SISO	Refer to test graph	-20.46	PASS
	2450	SISO	Refer to test graph	-20.46	PASS
	2480	SISO	Refer to test graph	-20.46	PASS
	Hopping	SISO	Refer to test graph	-20.46	PASS

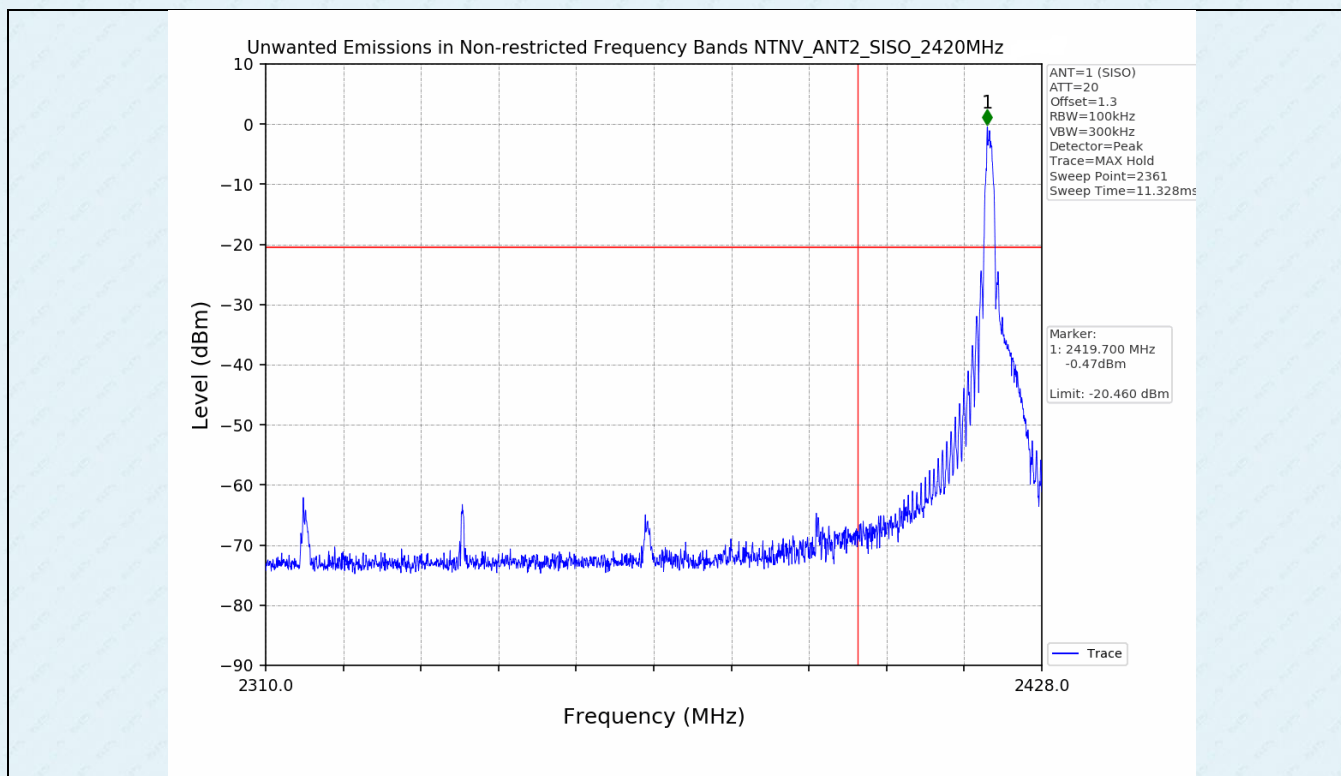
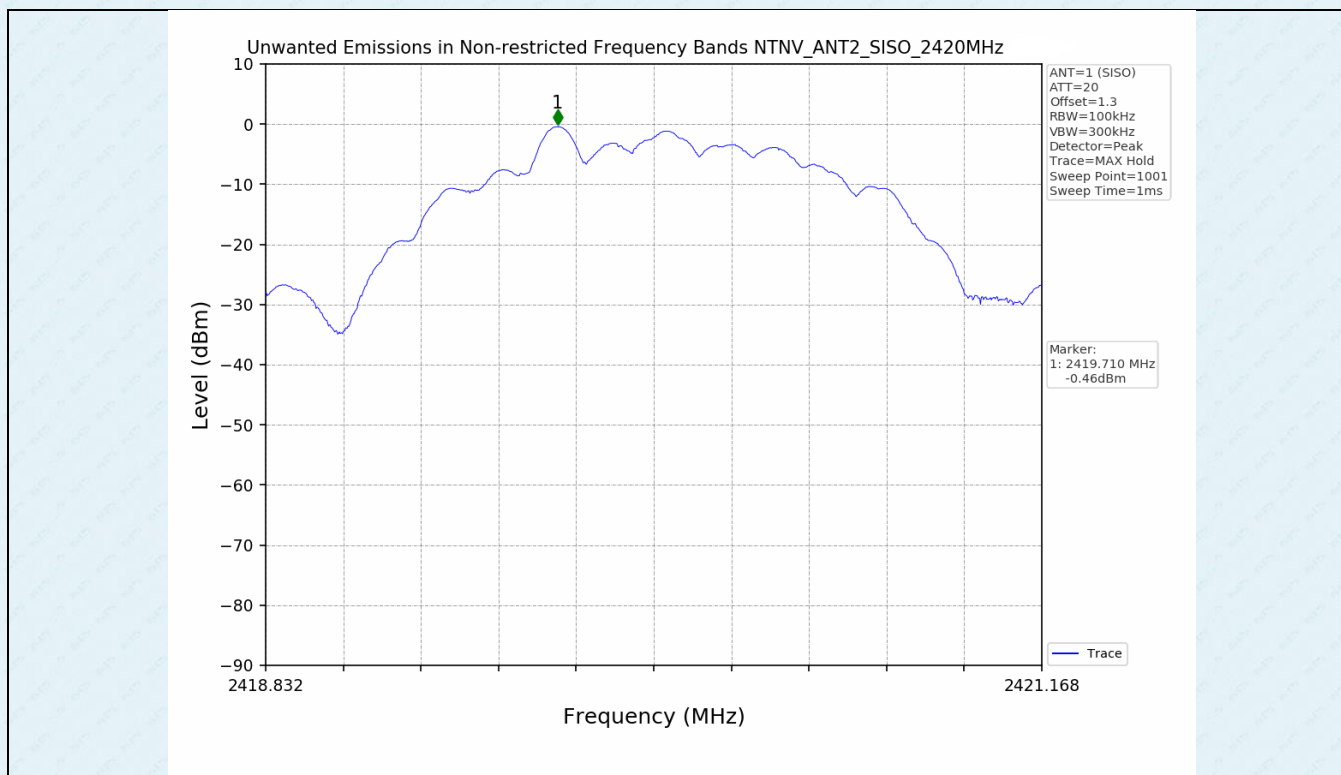
6.2 Test Graph

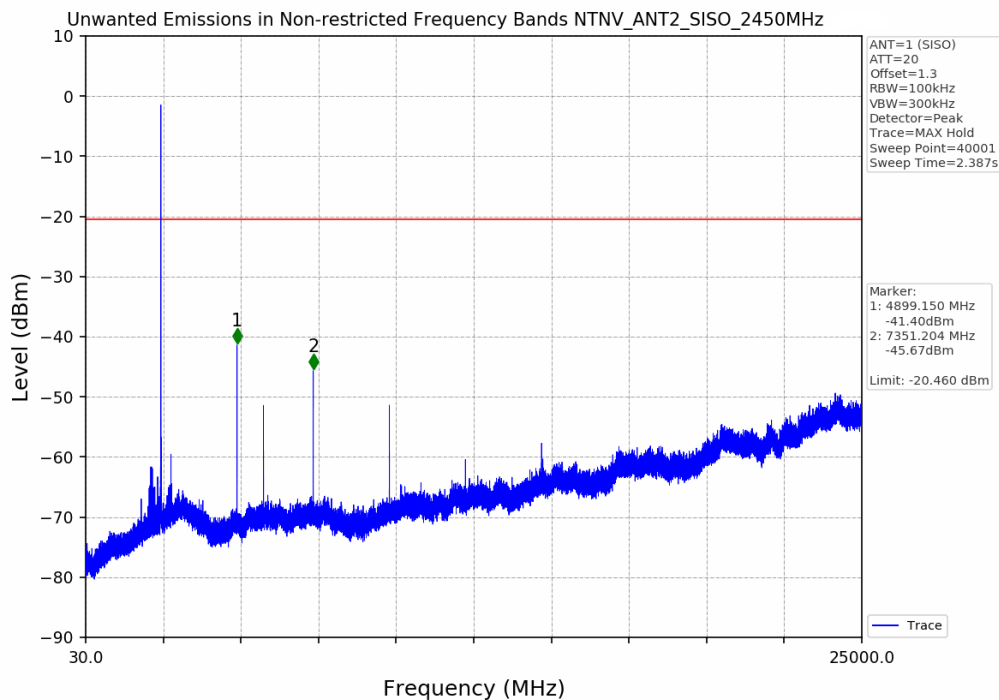
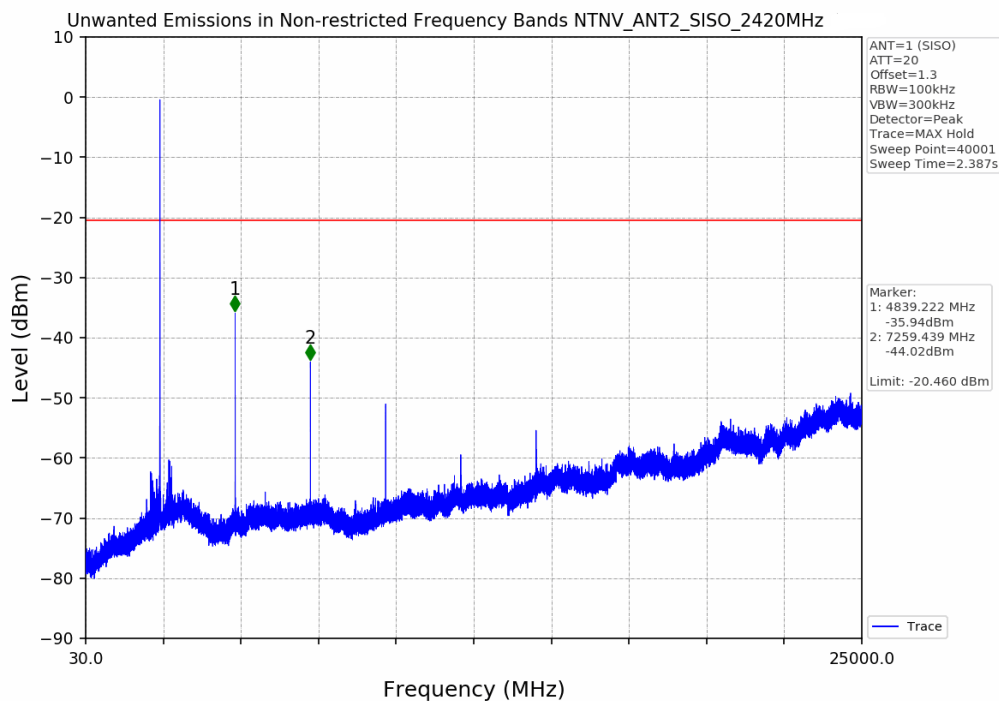


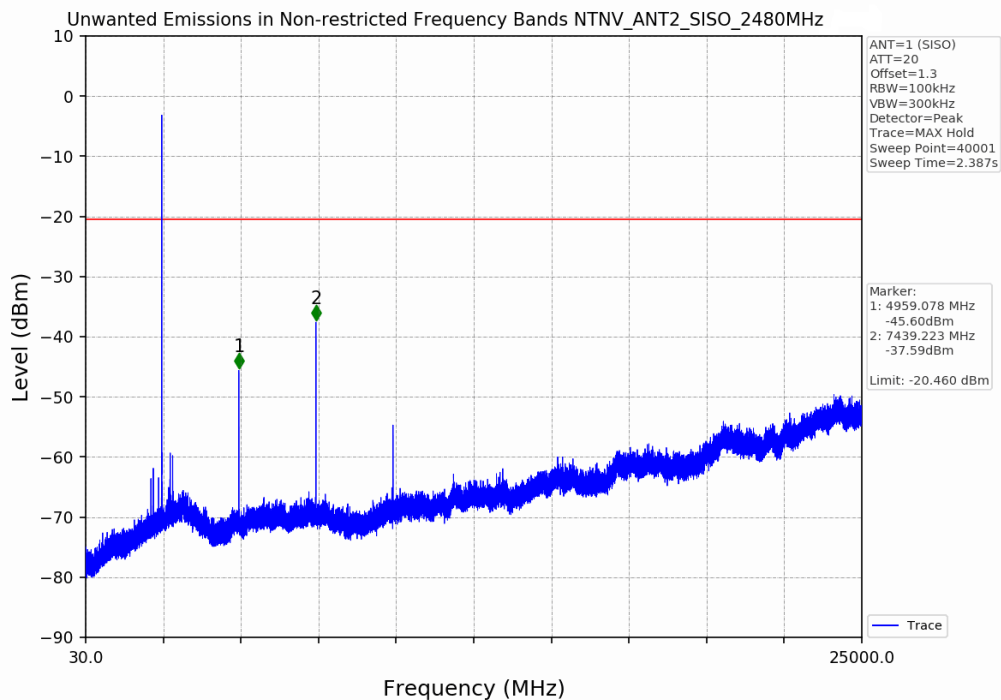
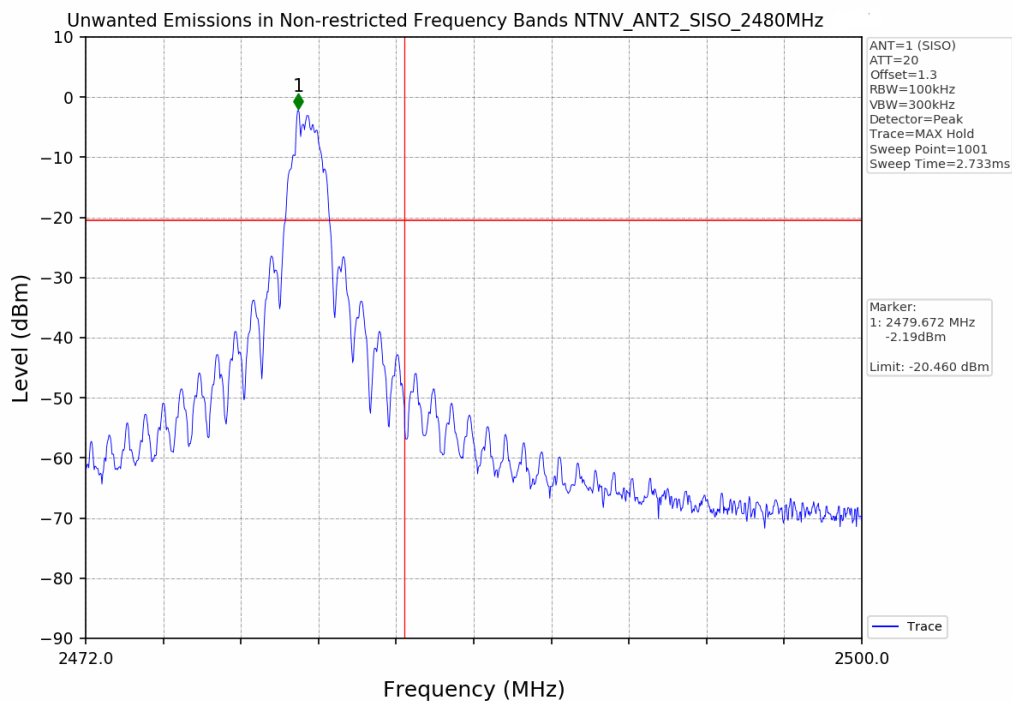


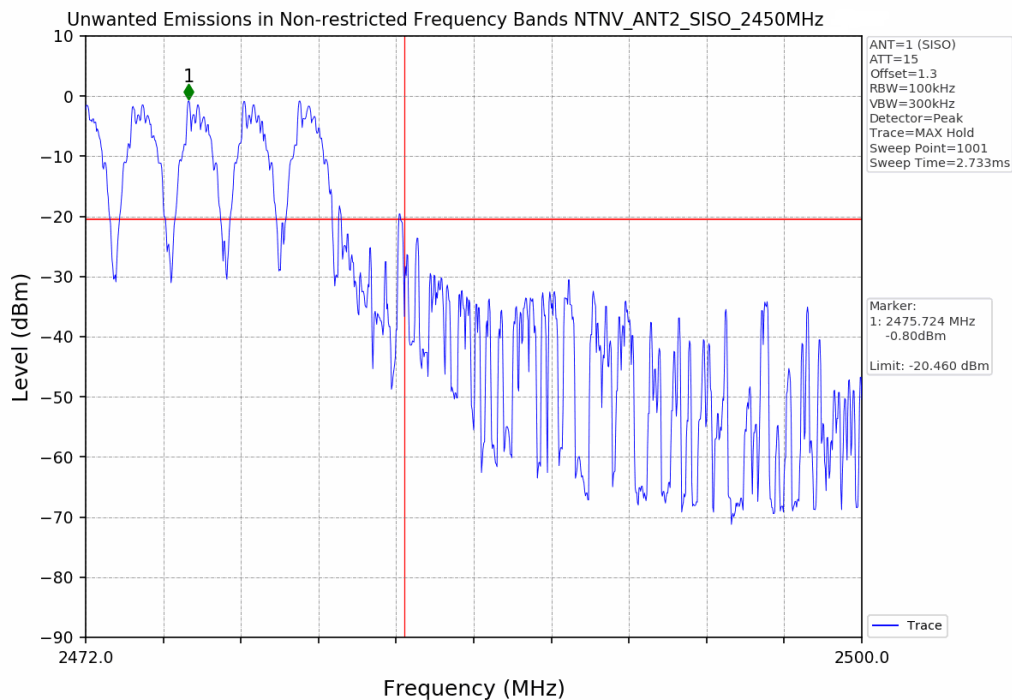
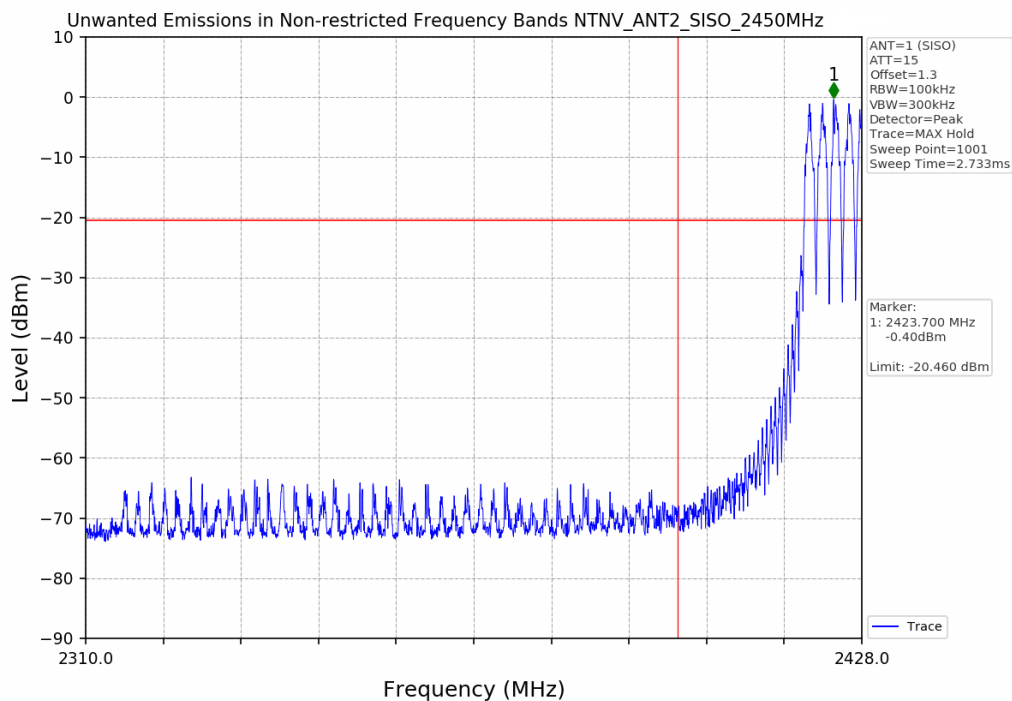












7. Frequency Error

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

