

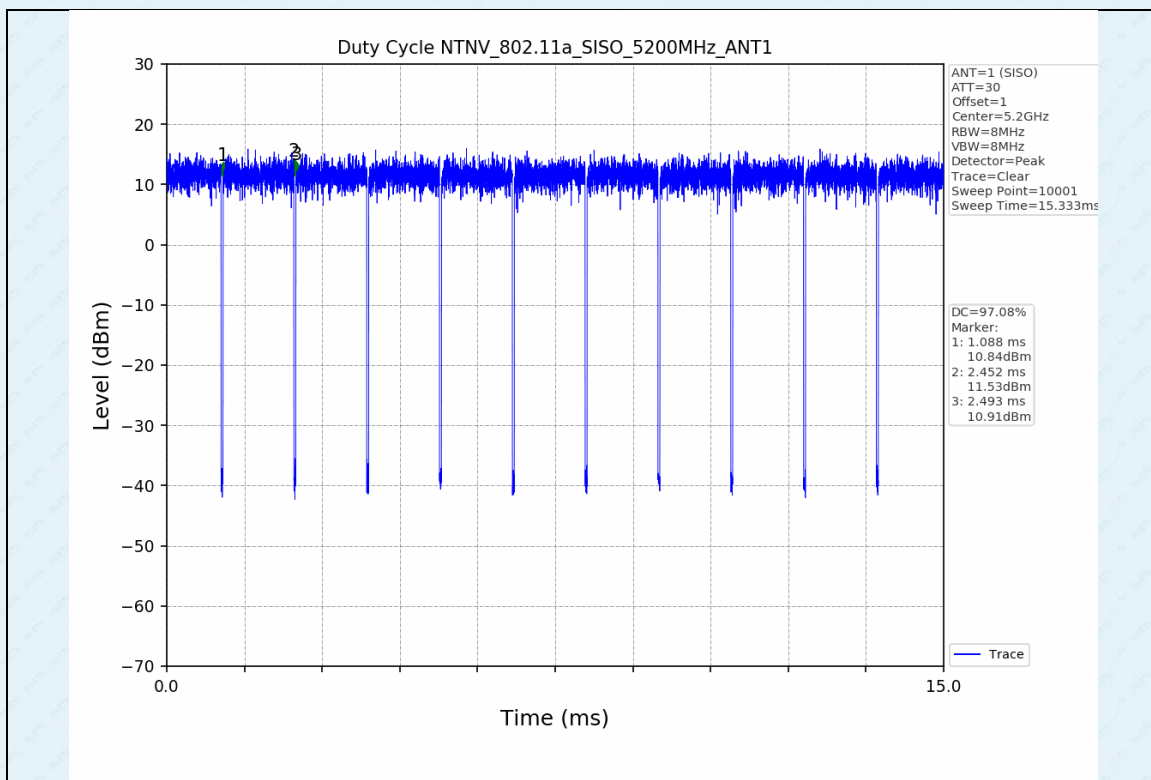
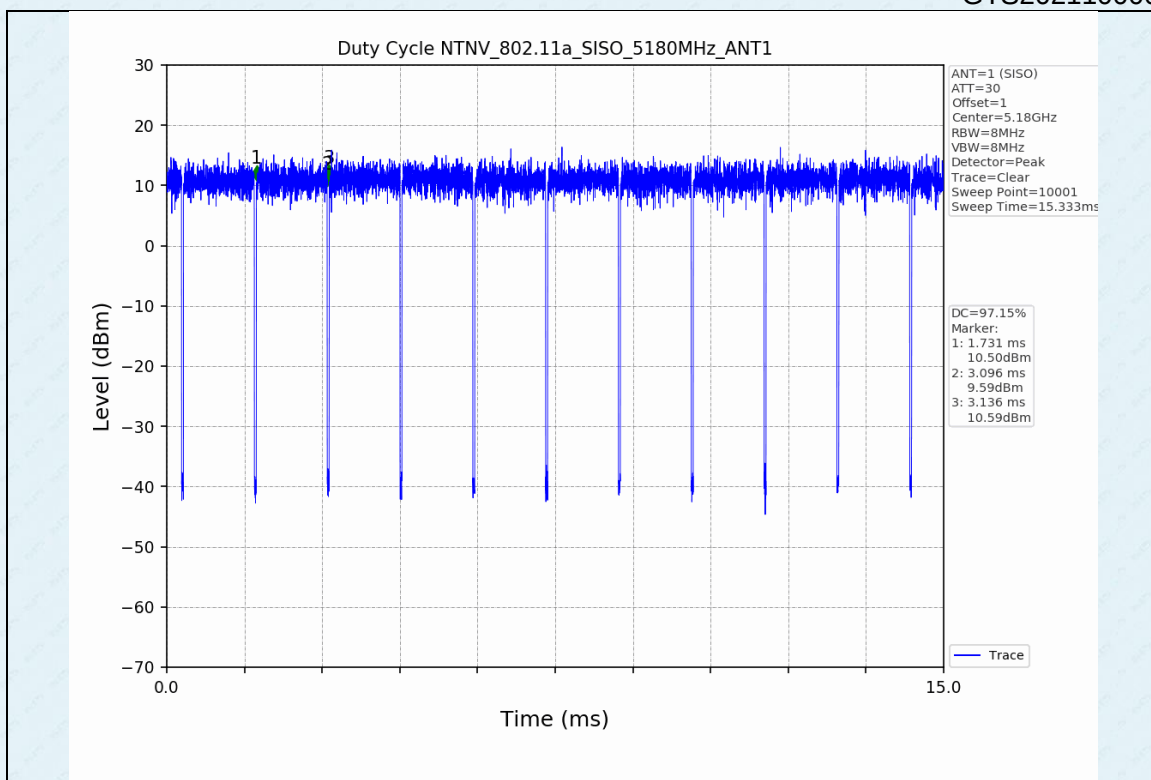
Appendix for 15.407

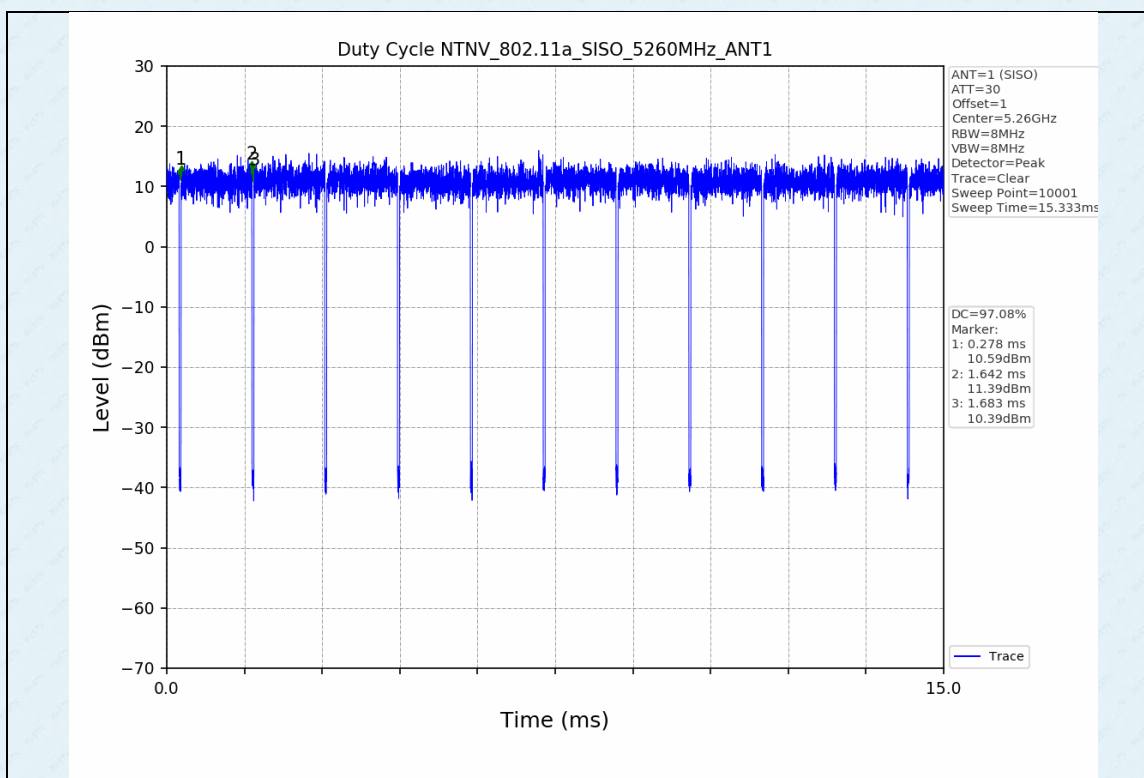
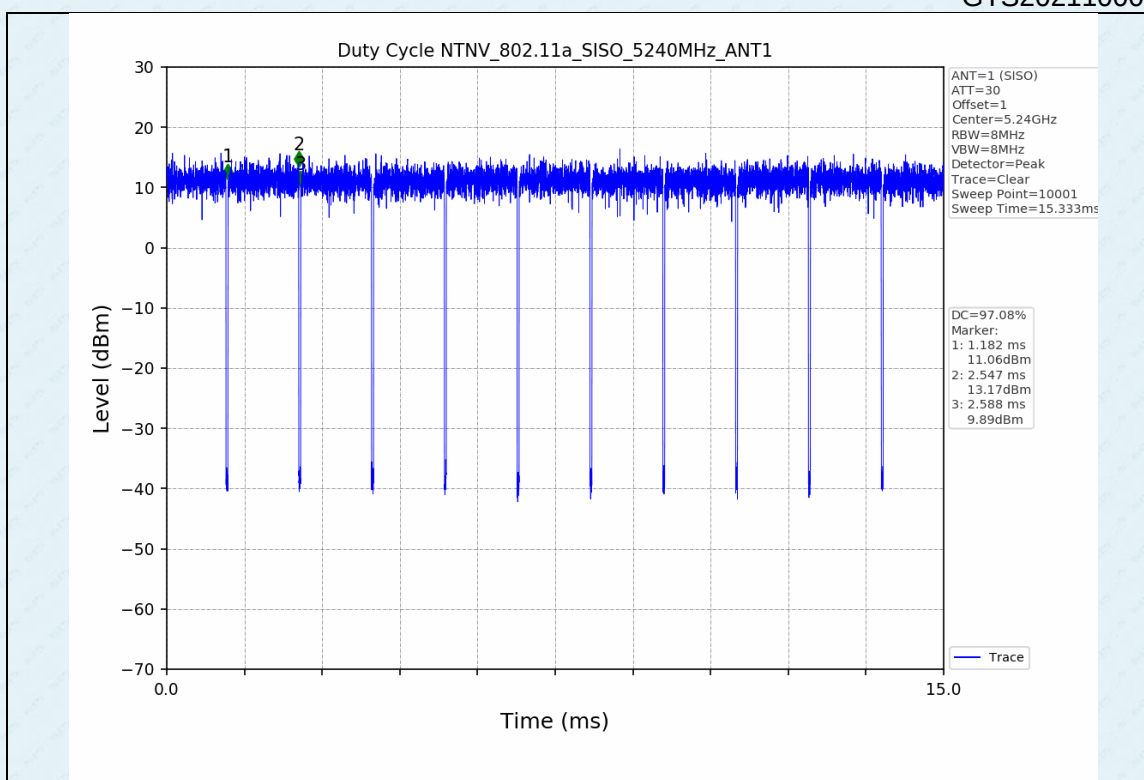
1. Duty Cycle

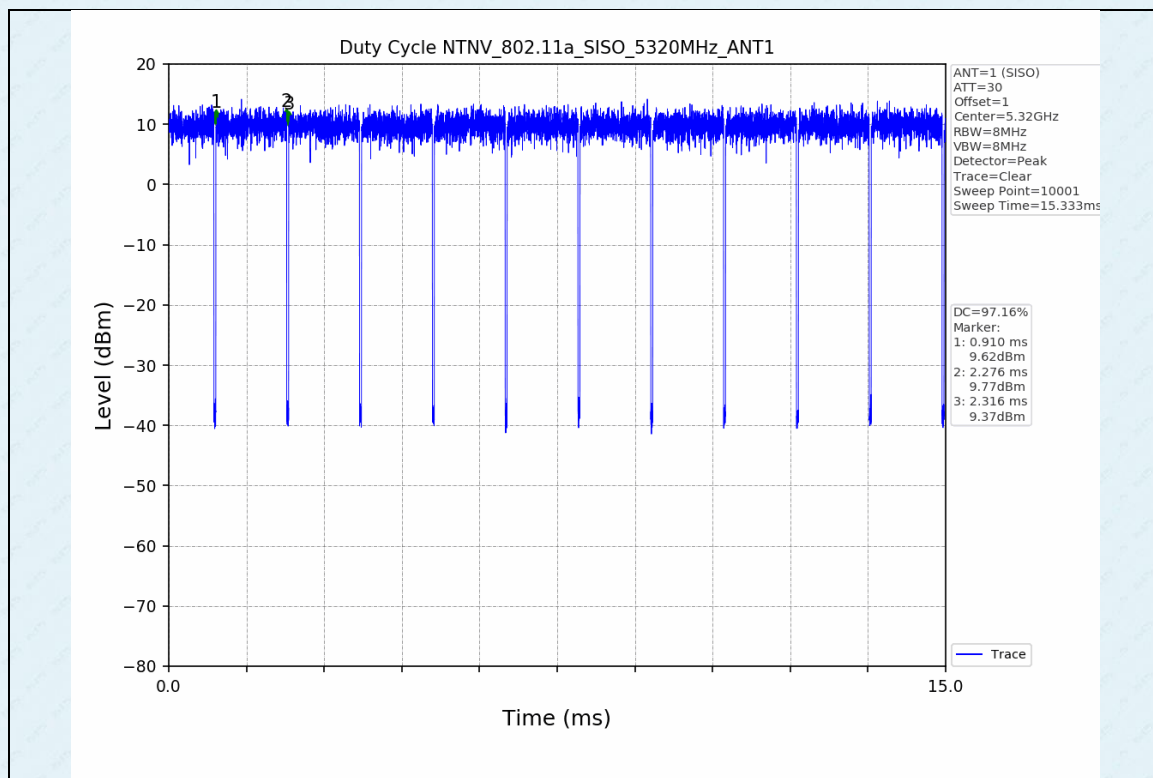
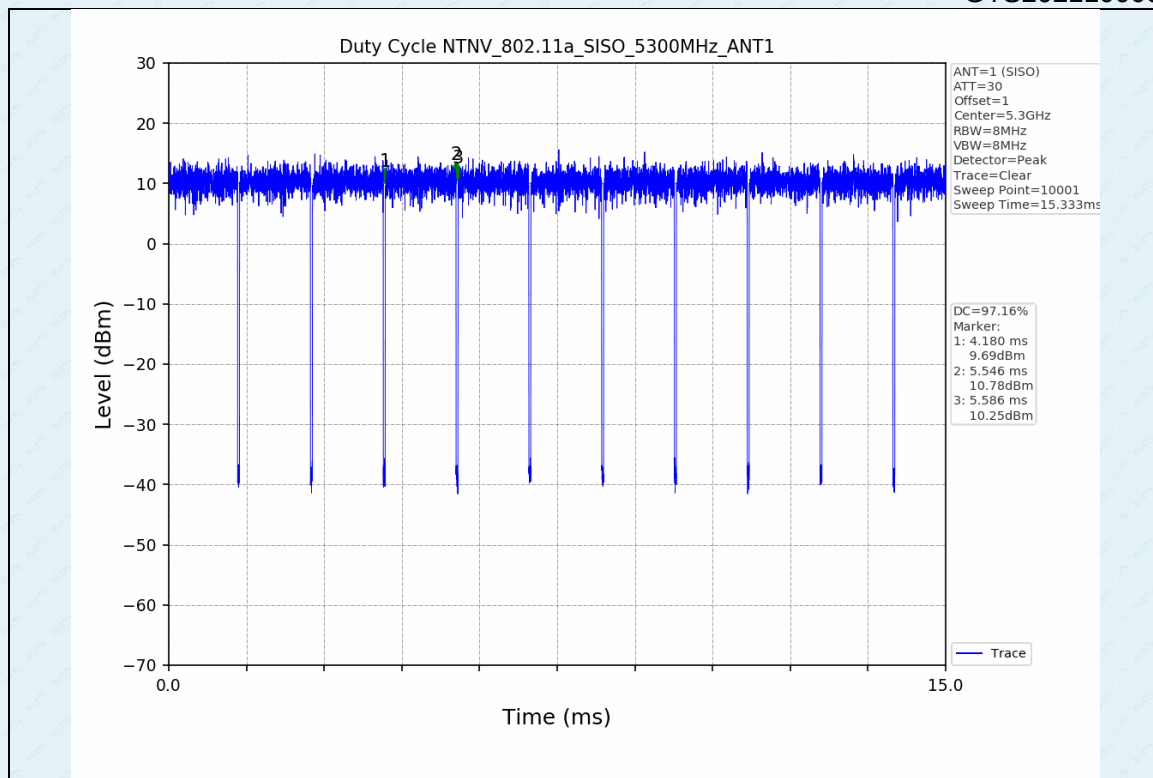
1.1 Test Result

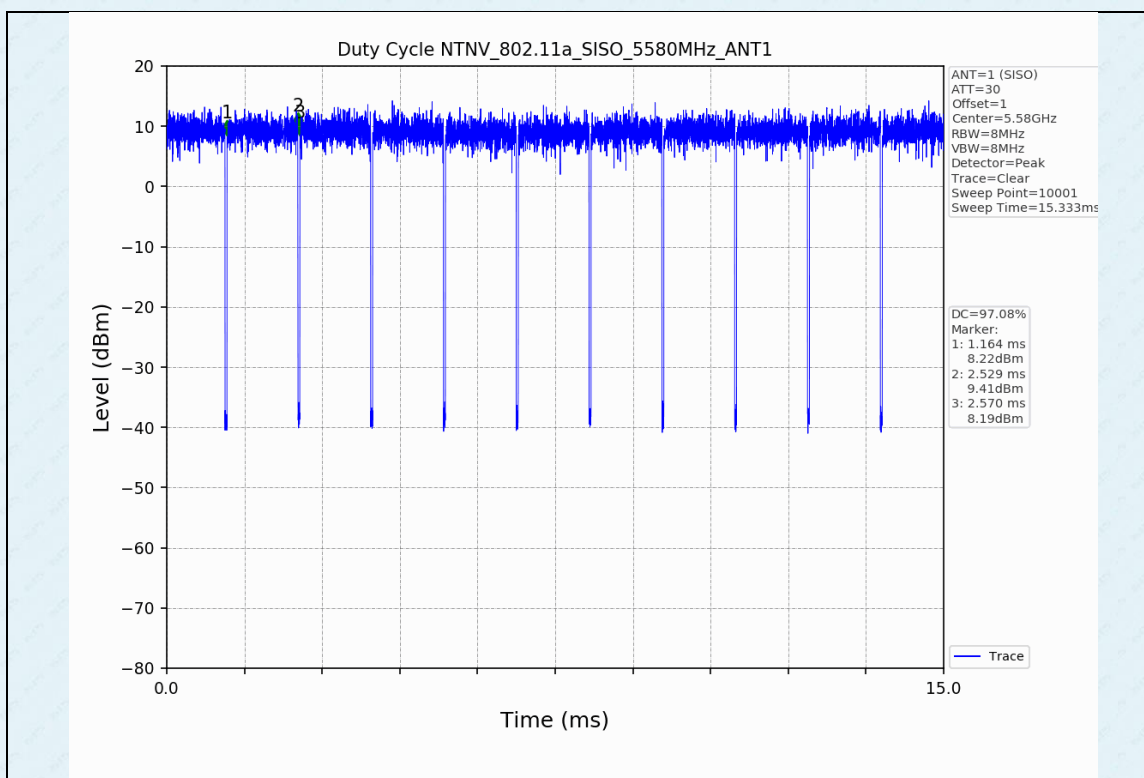
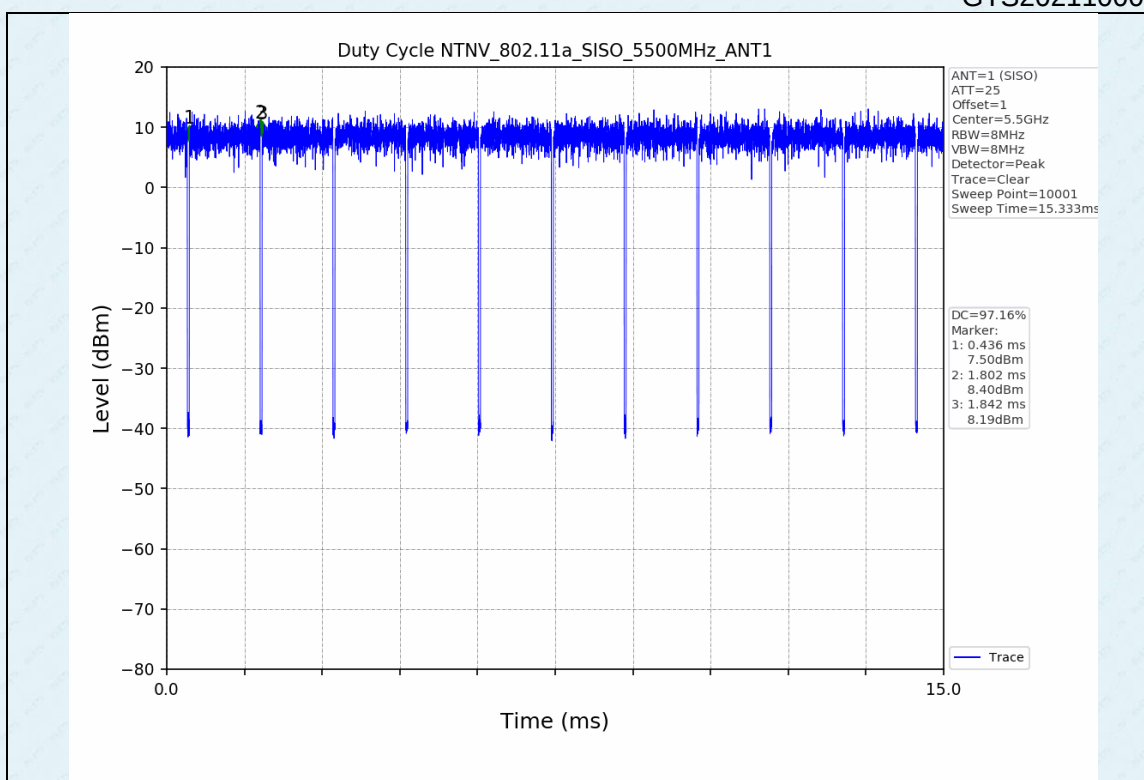
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.365	1.405	97.15	0.13
	5200	SISO	1	1.364	1.405	97.08	0.13
	5240	SISO	1	1.365	1.406	97.08	0.13
	5260	SISO	1	1.364	1.405	97.08	0.13
	5300	SISO	1	1.366	1.406	97.16	0.13
	5320	SISO	1	1.366	1.406	97.16	0.13
	5500	SISO	1	1.366	1.406	97.16	0.13
	5580	SISO	1	1.365	1.406	97.08	0.13
	5600	SISO	1	1.363	1.405	97.01	0.13
802.11n(HT20)	5700	SISO	1	1.365	1.406	97.08	0.13
	5180	SISO	1	1.308	1.350	96.89	0.14
	5200	SISO	1	1.307	1.349	96.89	0.14
	5240	SISO	1	1.307	1.349	96.89	0.14
	5260	SISO	1	1.307	1.349	96.89	0.14
	5300	SISO	1	1.307	1.349	96.89	0.14
	5320	SISO	1	1.308	1.350	96.89	0.14
	5500	SISO	1	1.308	1.350	96.89	0.14
	5580	SISO	1	1.308	1.350	96.89	0.14
	5600	SISO	1	1.307	1.349	96.89	0.14
	5700	SISO	1	1.308	1.350	96.89	0.14

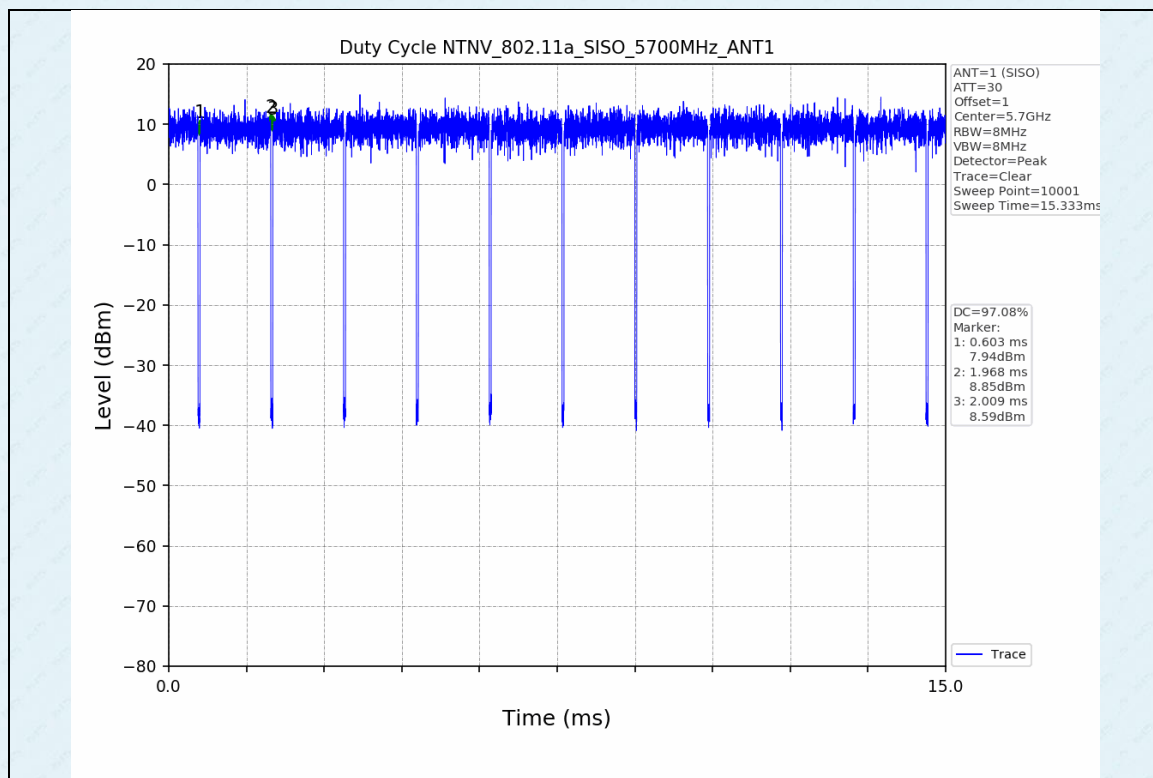
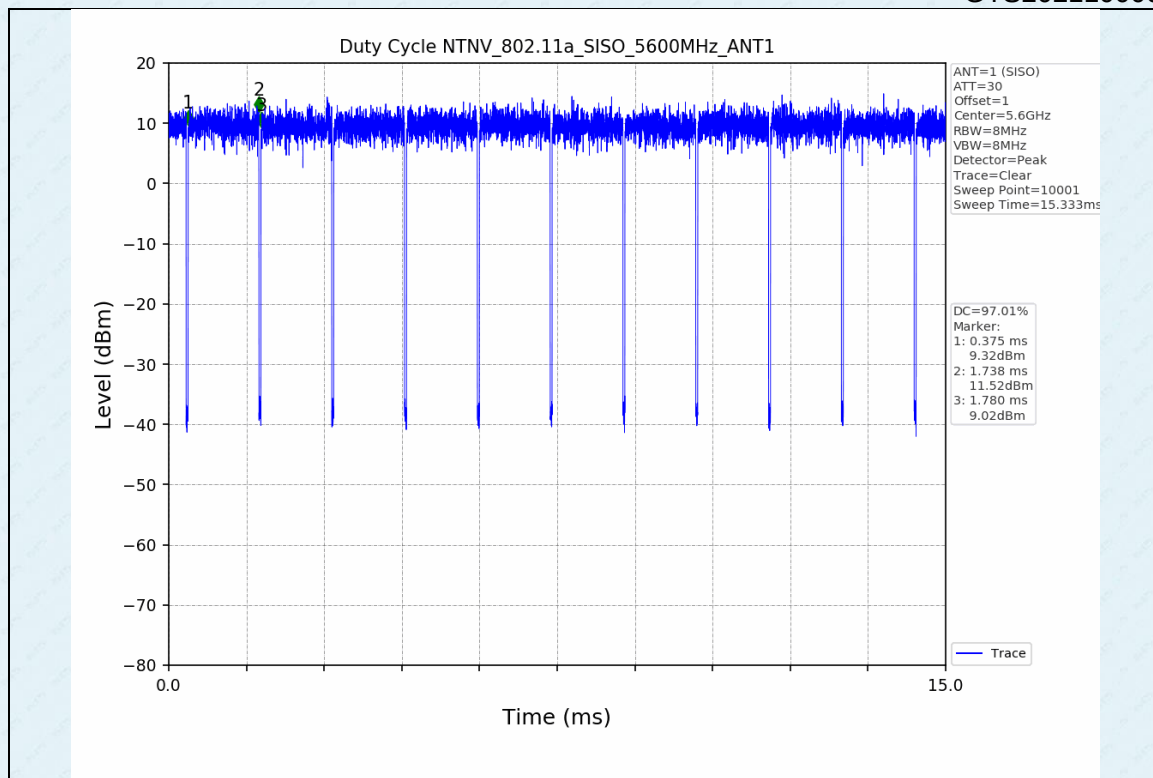
1.2 Test Graph

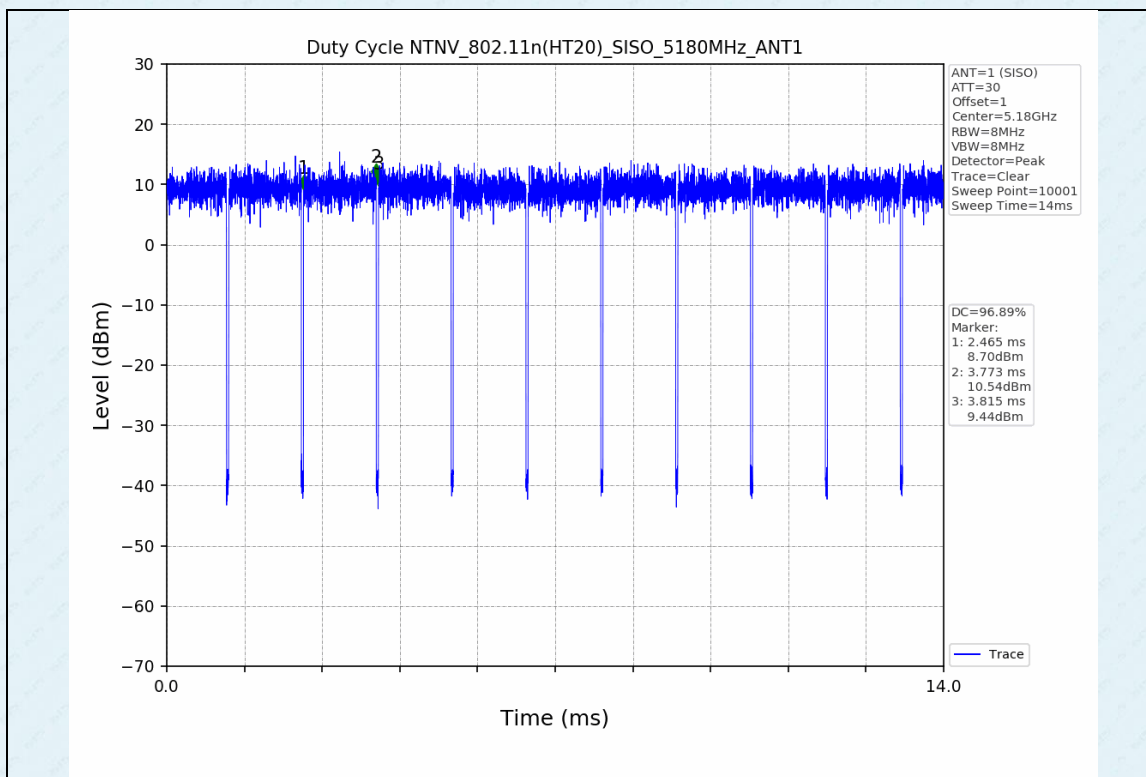


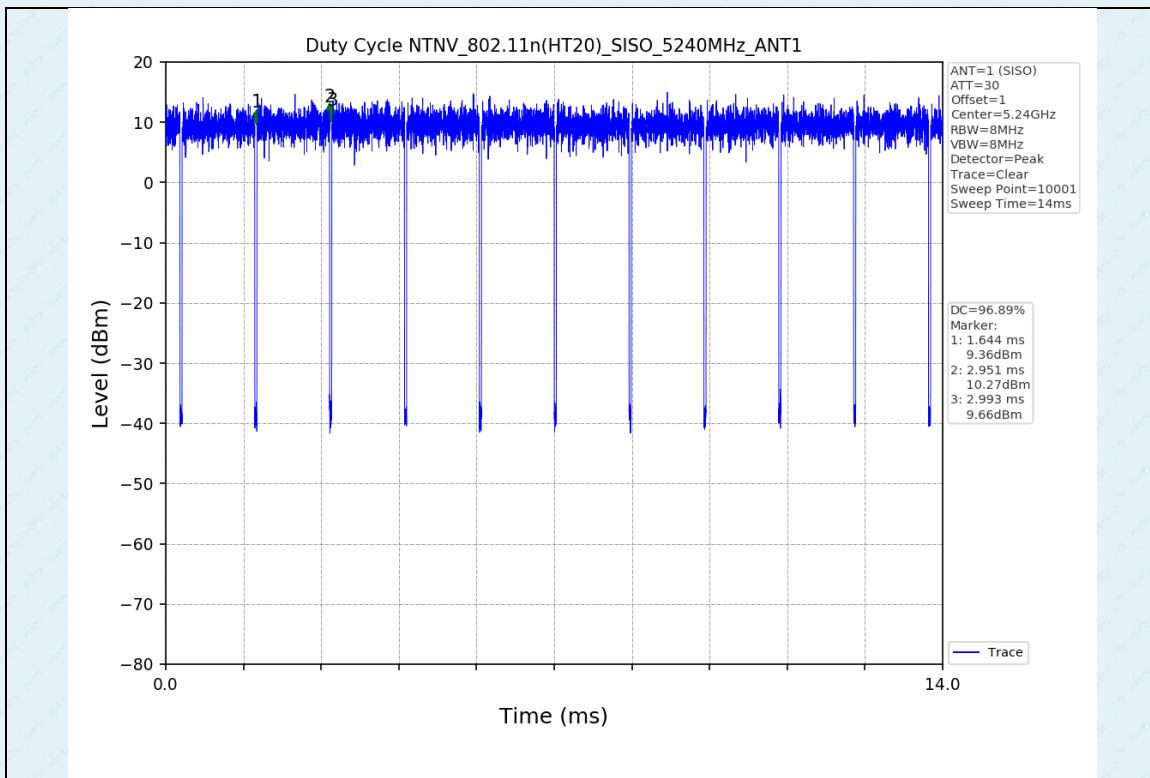
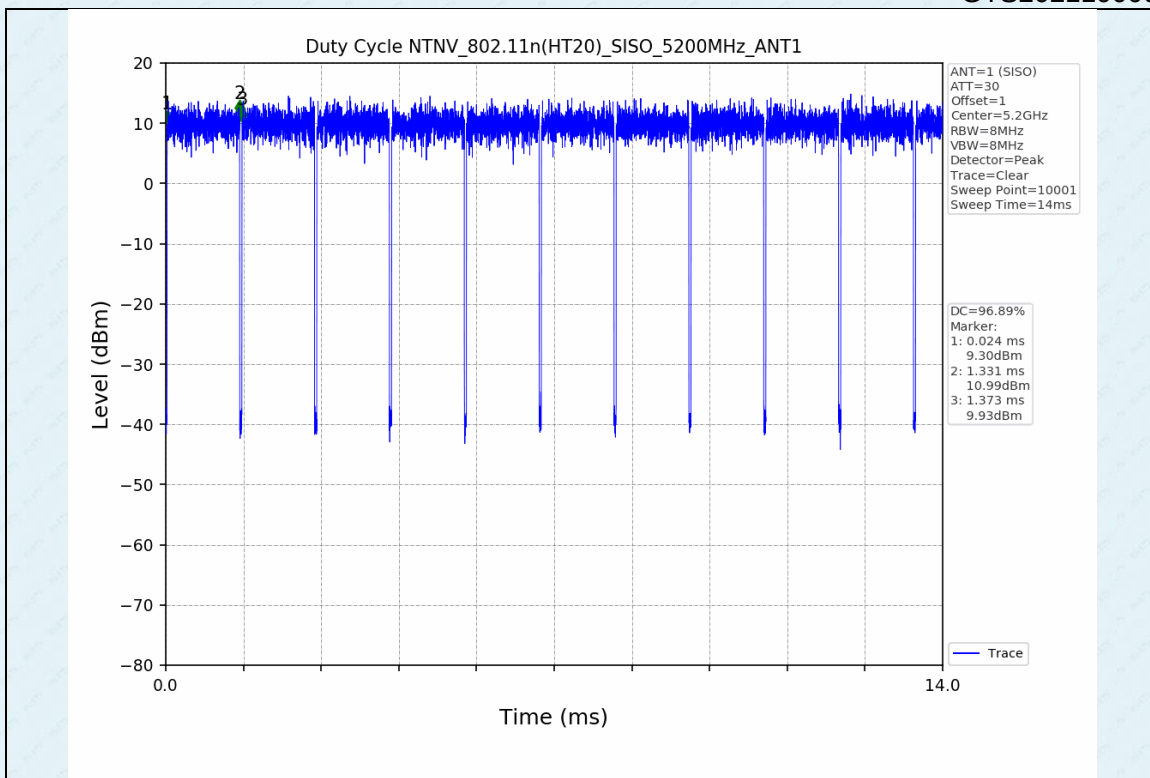


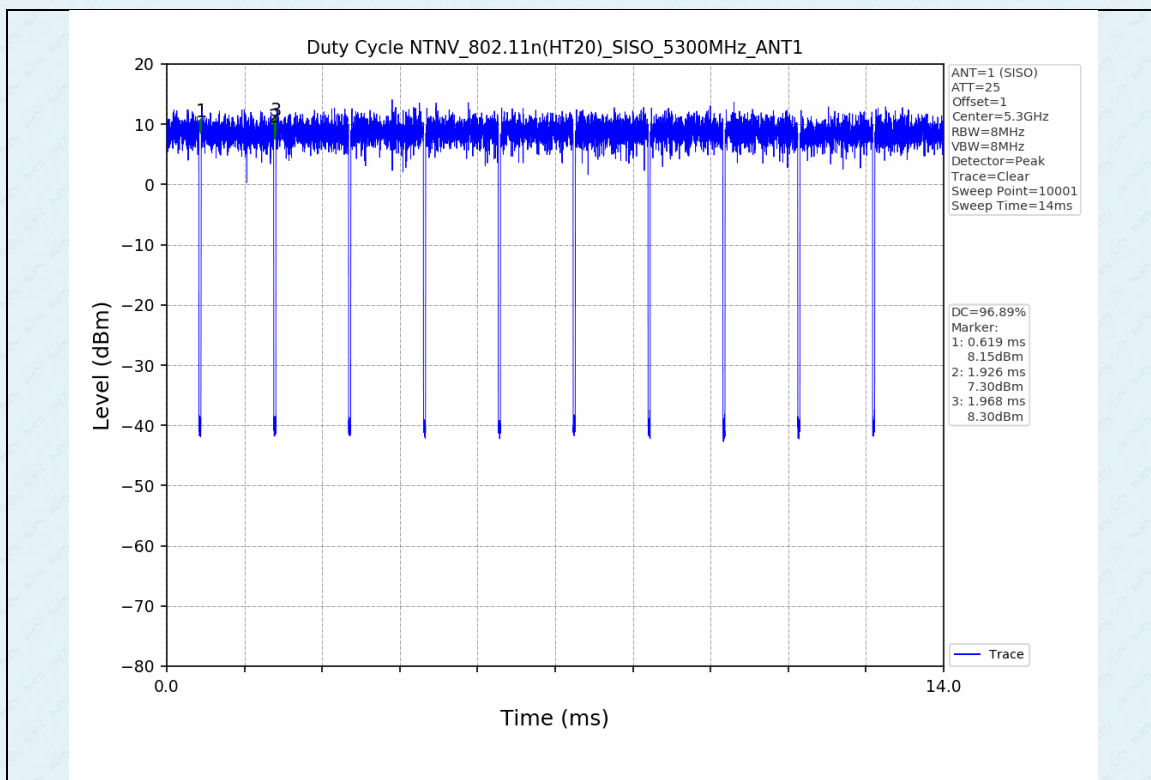
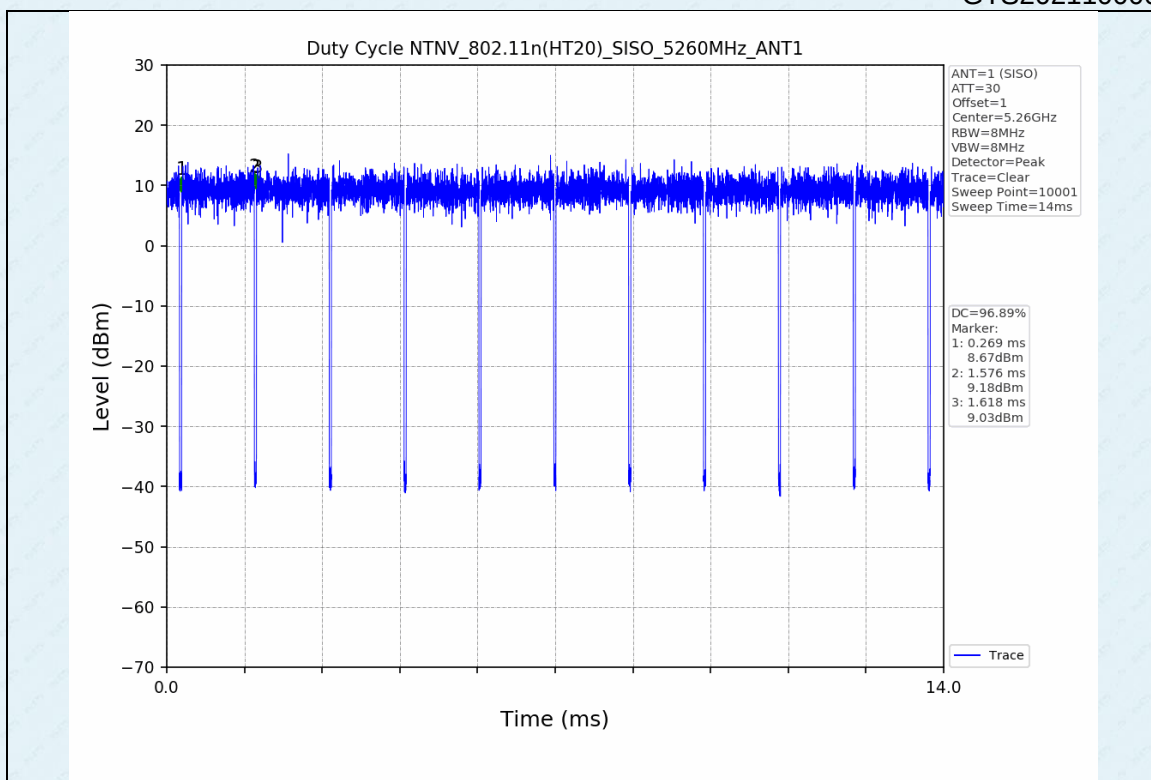


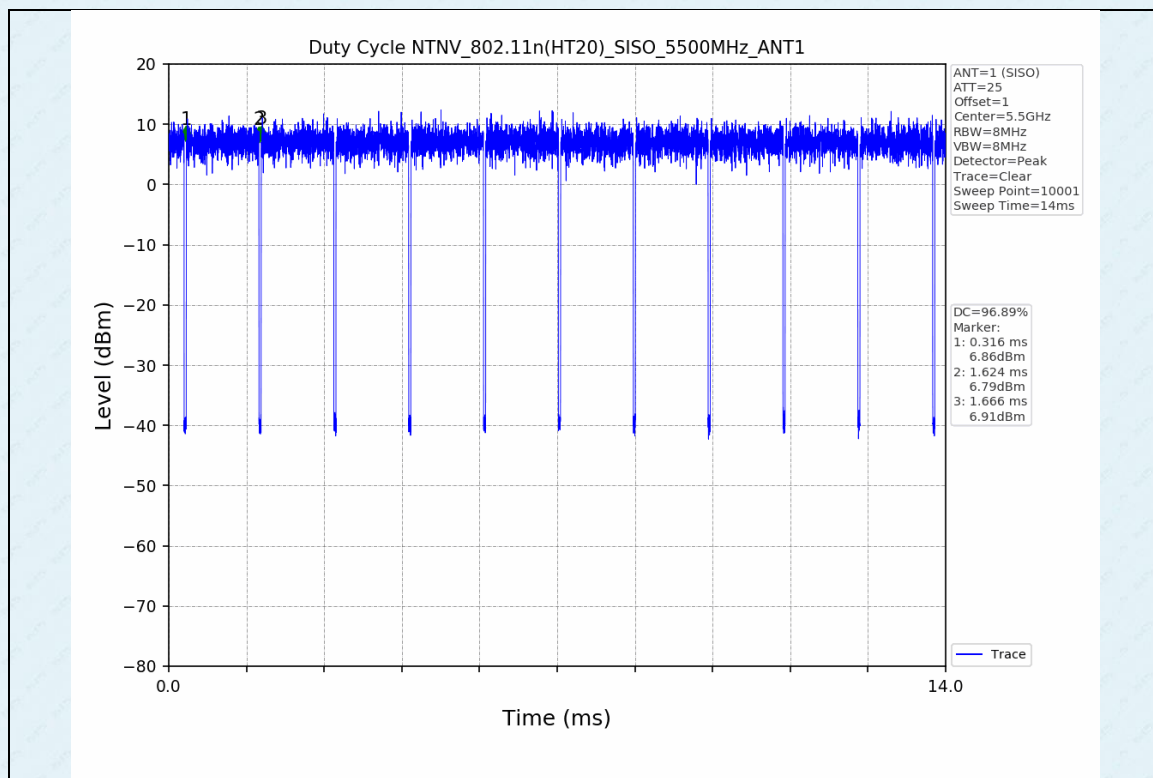
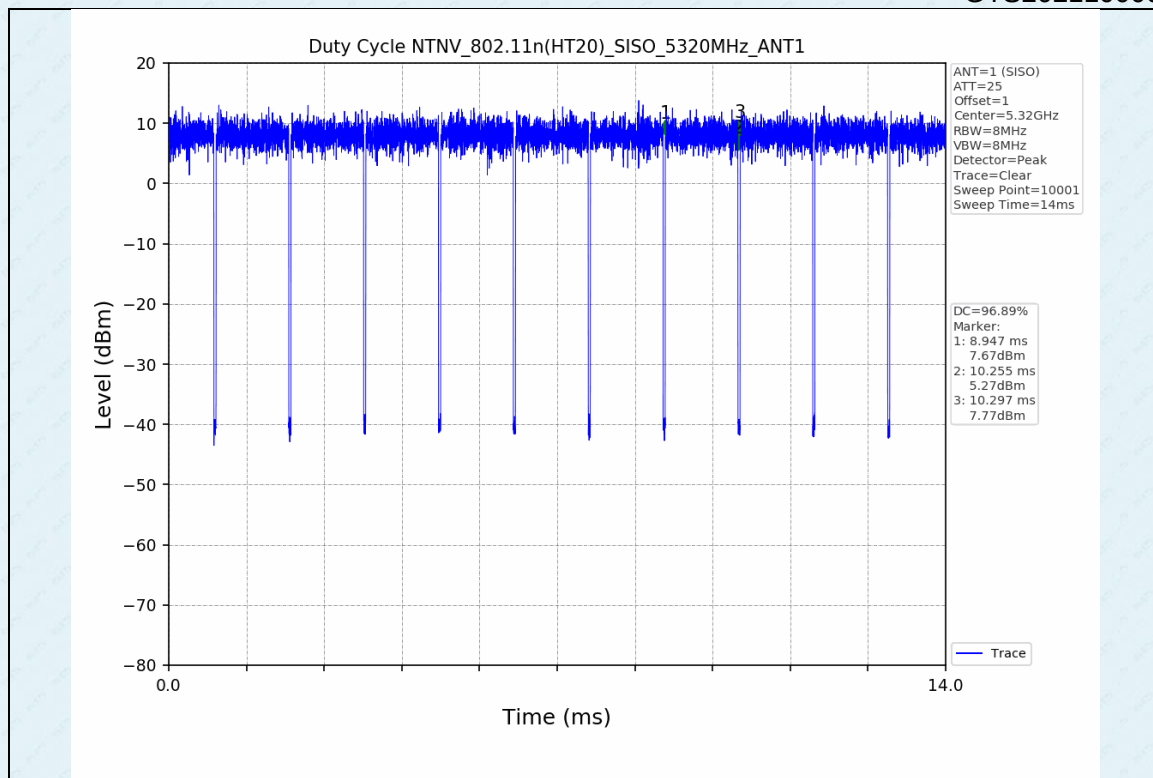


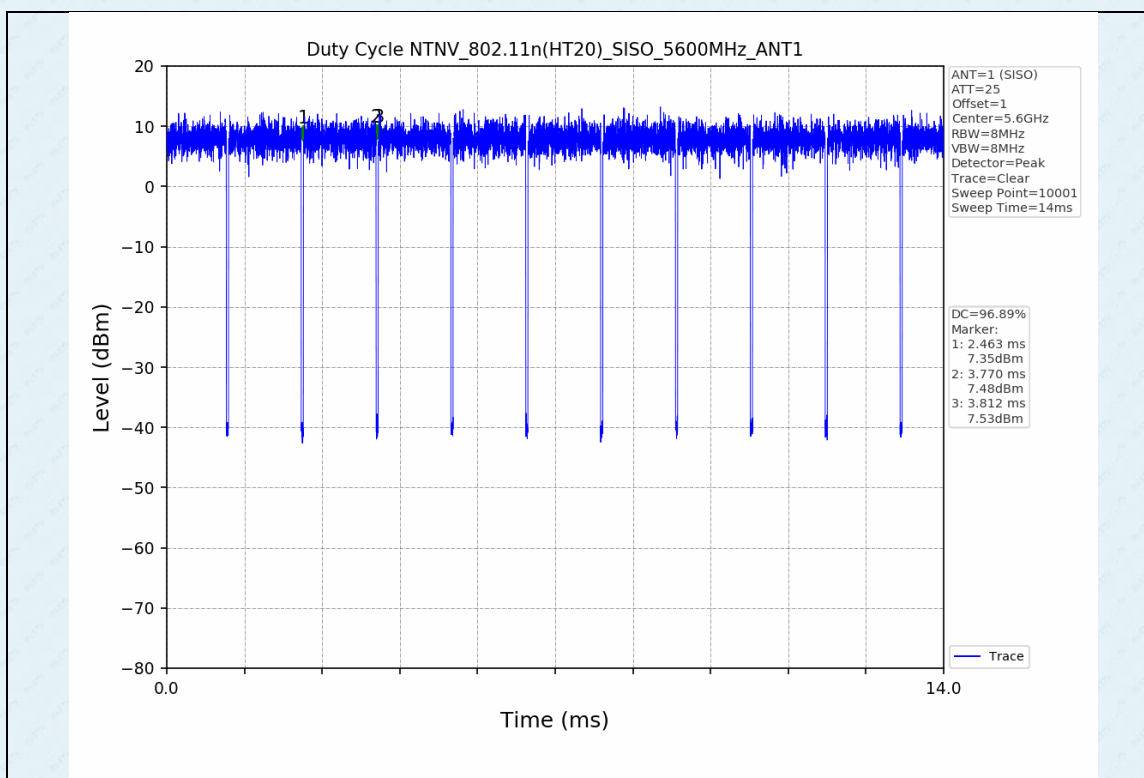
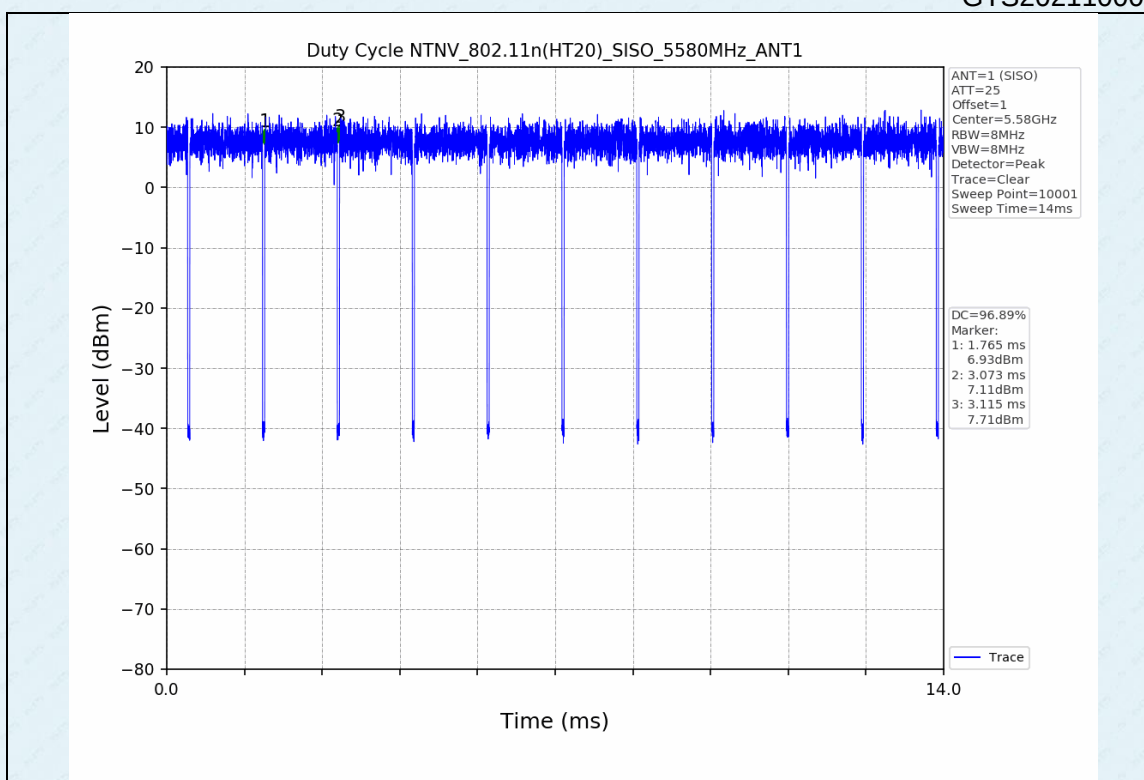


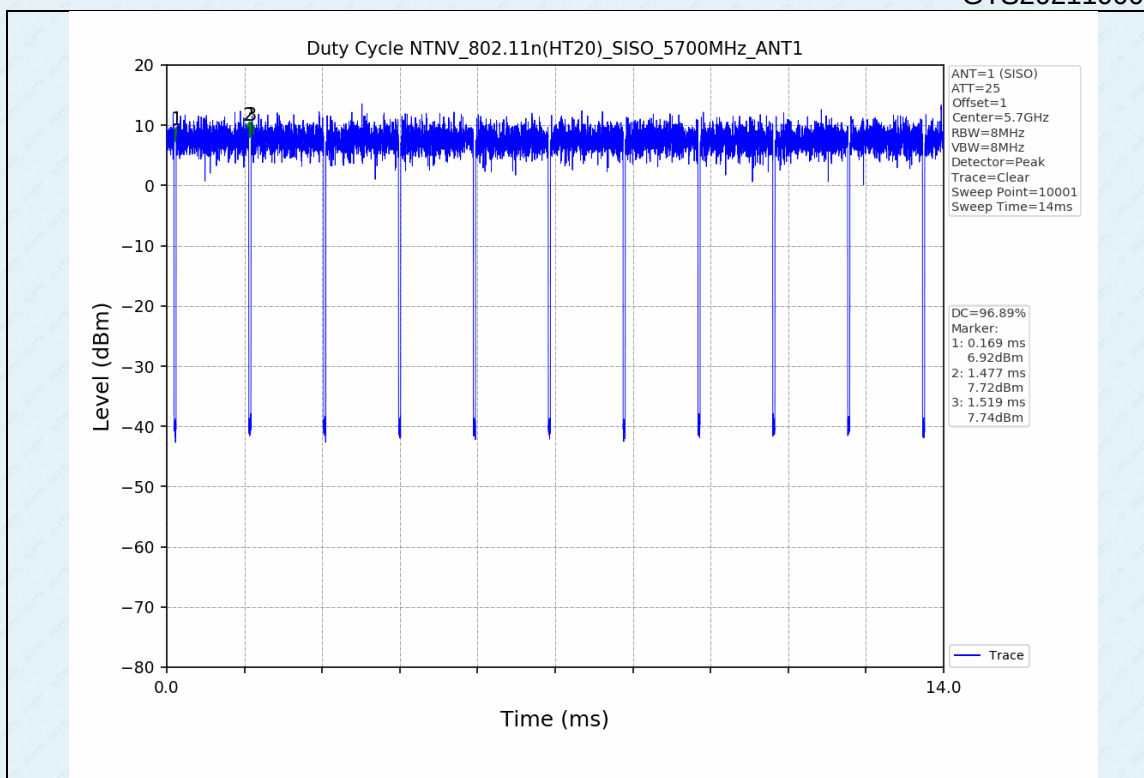












2. Bandwidth

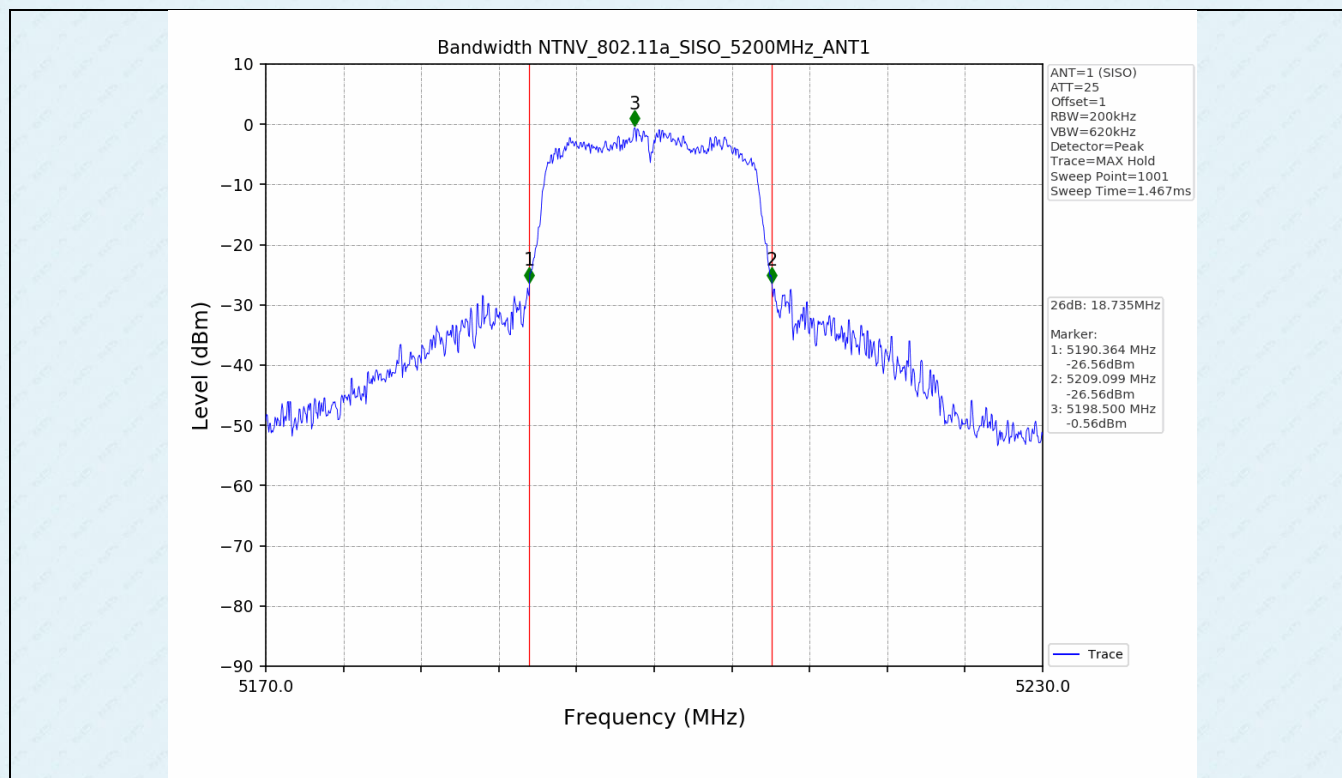
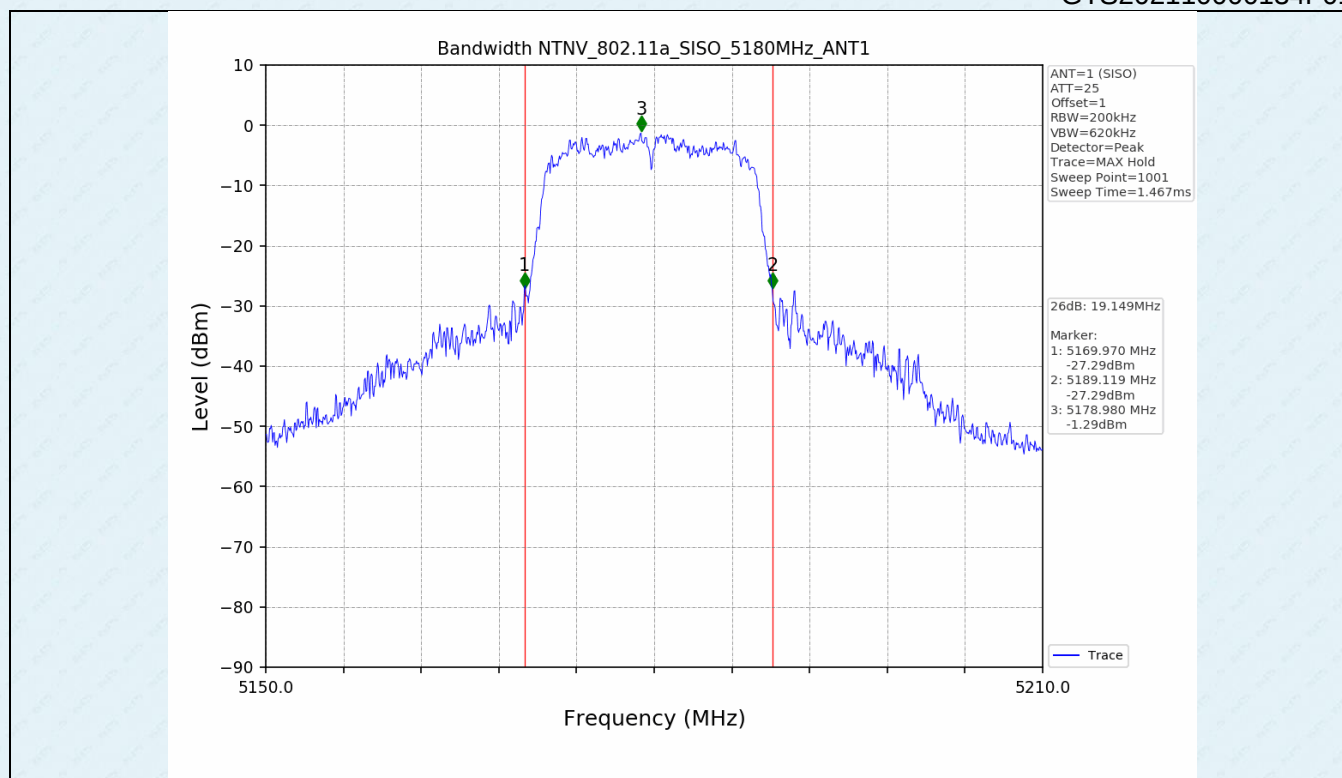
2.1 Test Result

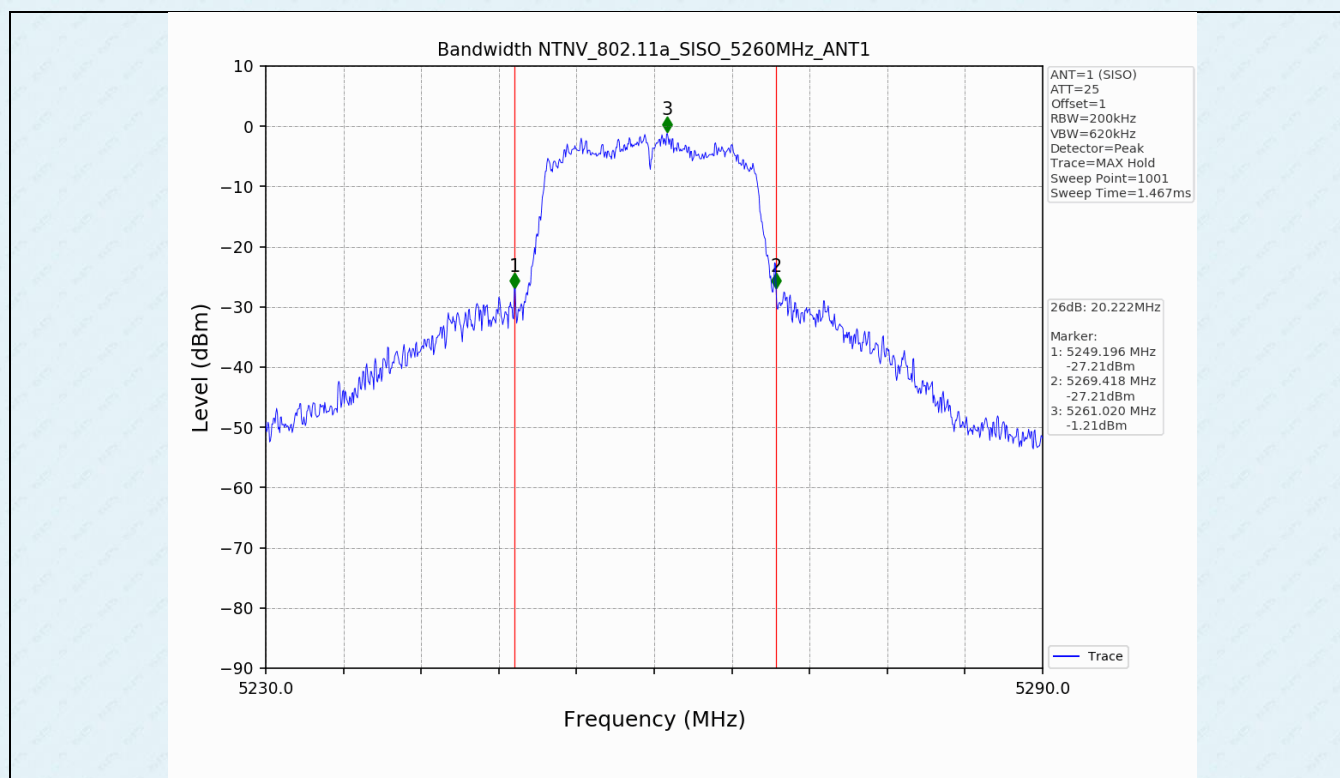
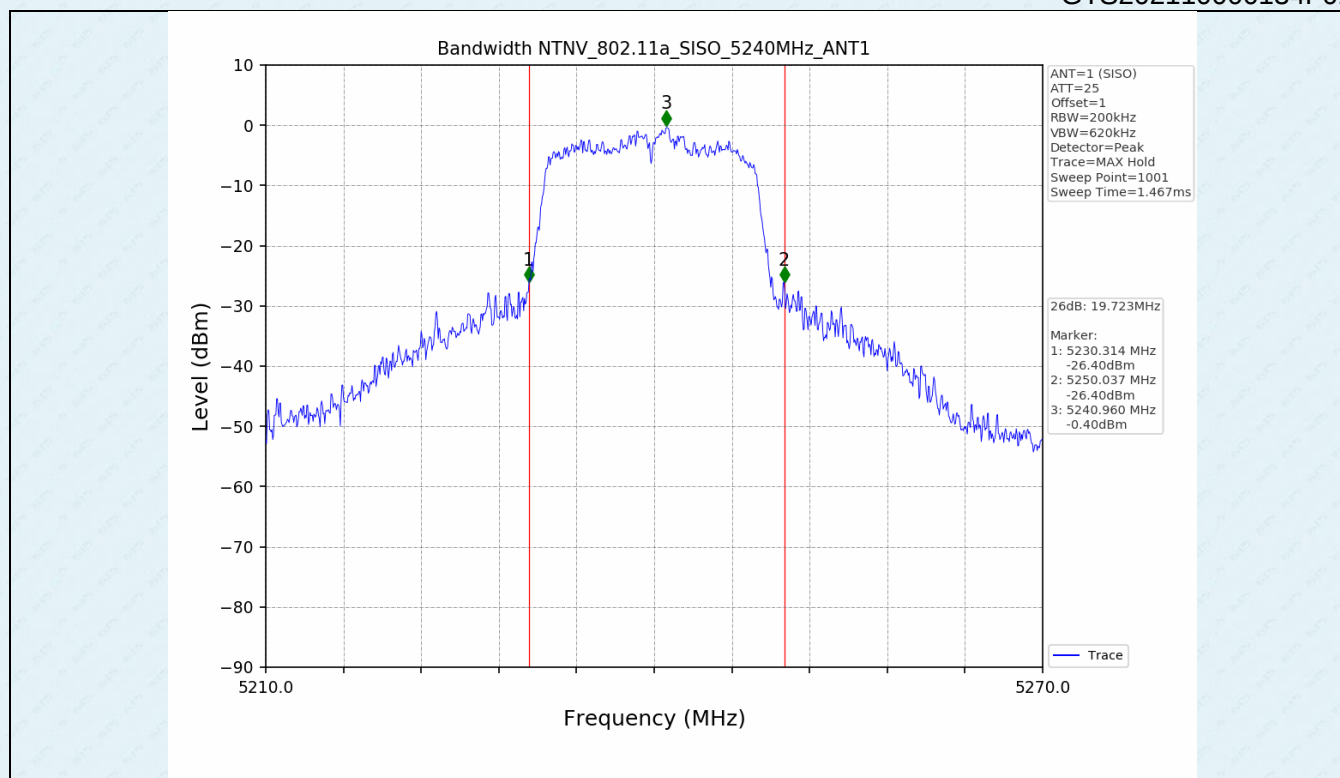
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	19.149	Only for Report Use	PASS
	5200	SISO	1	18.735	Only for Report Use	PASS
	5240	SISO	1	19.723	Only for Report Use	PASS
	5260	SISO	1	20.222	Only for Report Use	PASS
	5300	SISO	1	19.316	Only for Report Use	PASS
	5320	SISO	1	18.932	Only for Report Use	PASS
	5500	SISO	1	20.370	Only for Report Use	PASS
	5580	SISO	1	18.772	Only for Report Use	PASS
	5600	SISO	1	18.806	Only for Report Use	PASS
802.11n(HT20)	5700	SISO	1	18.779	Only for Report Use	PASS
	5180	SISO	1	19.063	Only for Report Use	PASS
	5200	SISO	1	19.063	Only for Report Use	PASS
	5240	SISO	1	18.991	Only for Report Use	PASS
	5260	SISO	1	18.956	Only for Report Use	PASS
	5300	SISO	1	18.979	Only for Report Use	PASS
	5320	SISO	1	19.138	Only for Report Use	PASS
	5500	SISO	1	19.059	Only for Report Use	PASS

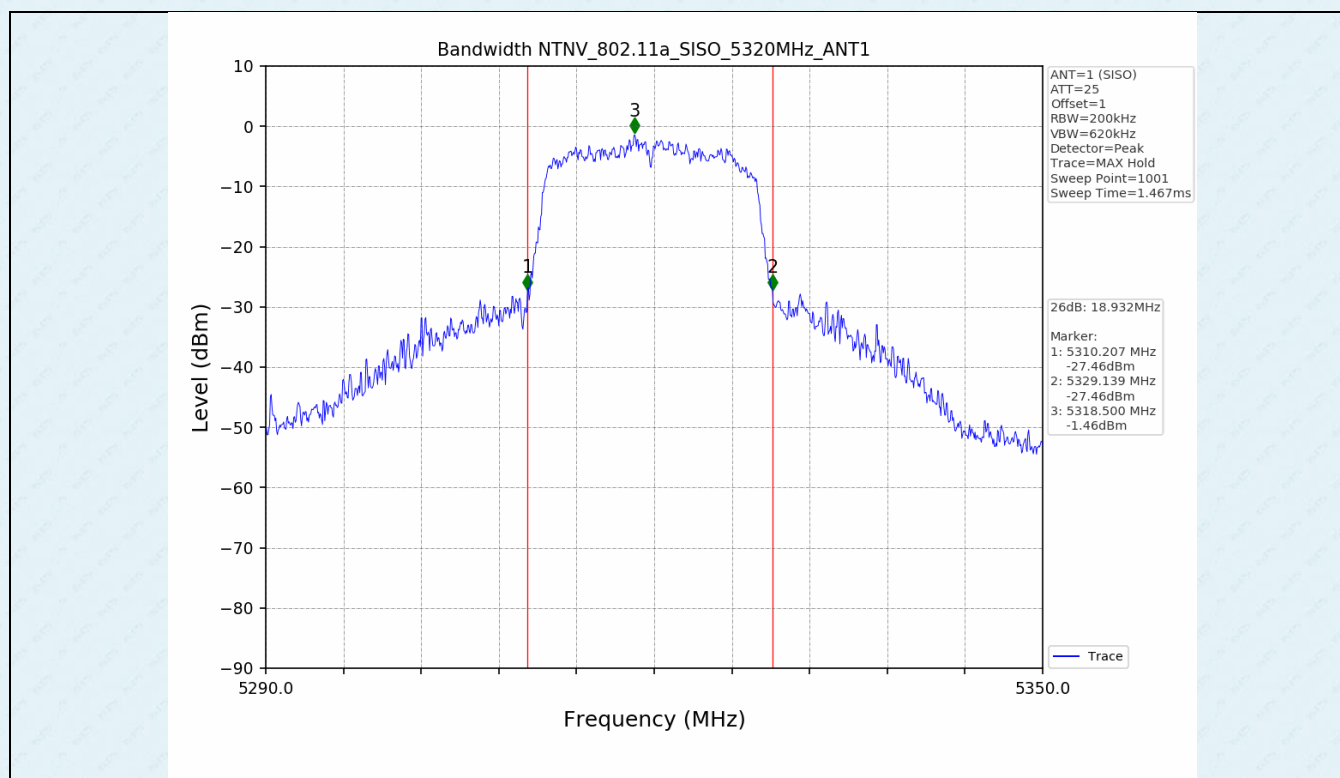
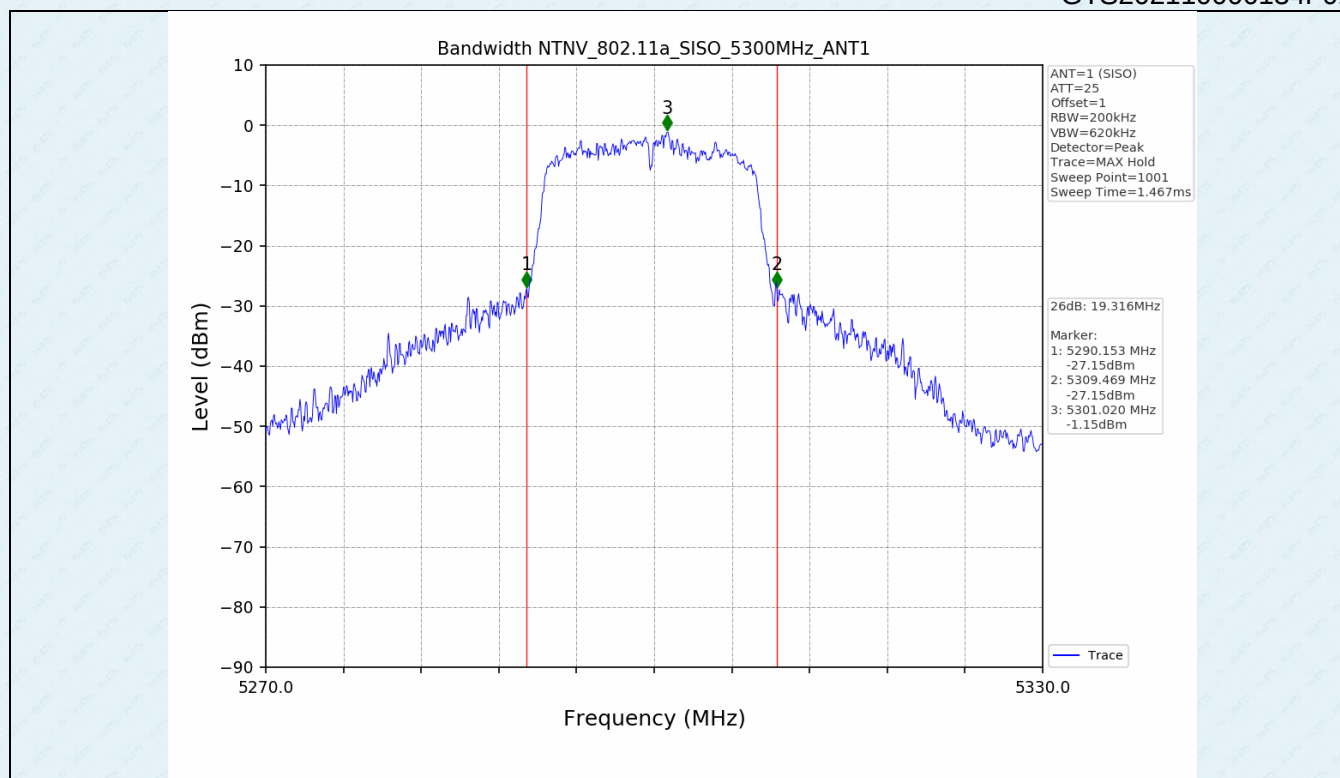
	5580	SISO	1	19.080	Only for Report Use	PASS
	5600	SISO	1	18.984	Only for Report Use	PASS
	5700	SISO	1	19.618	Only for Report Use	PASS

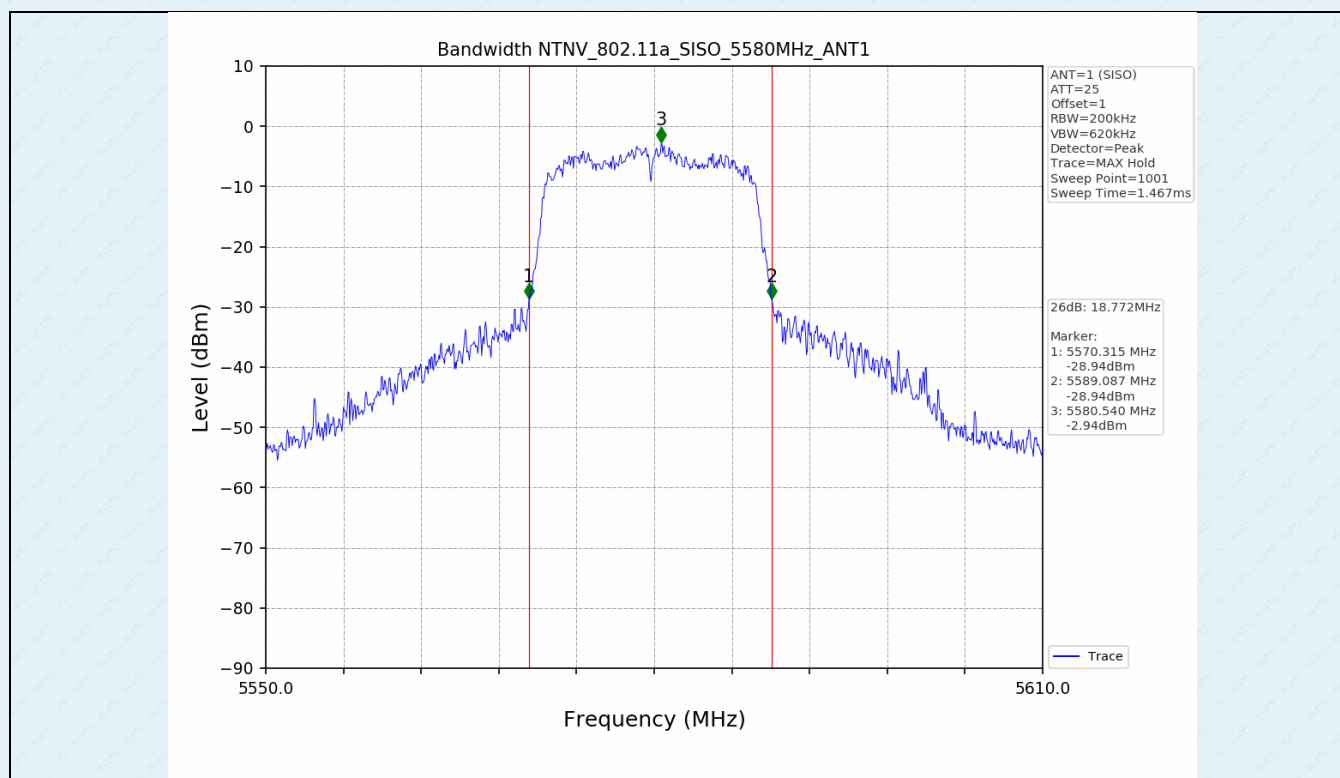
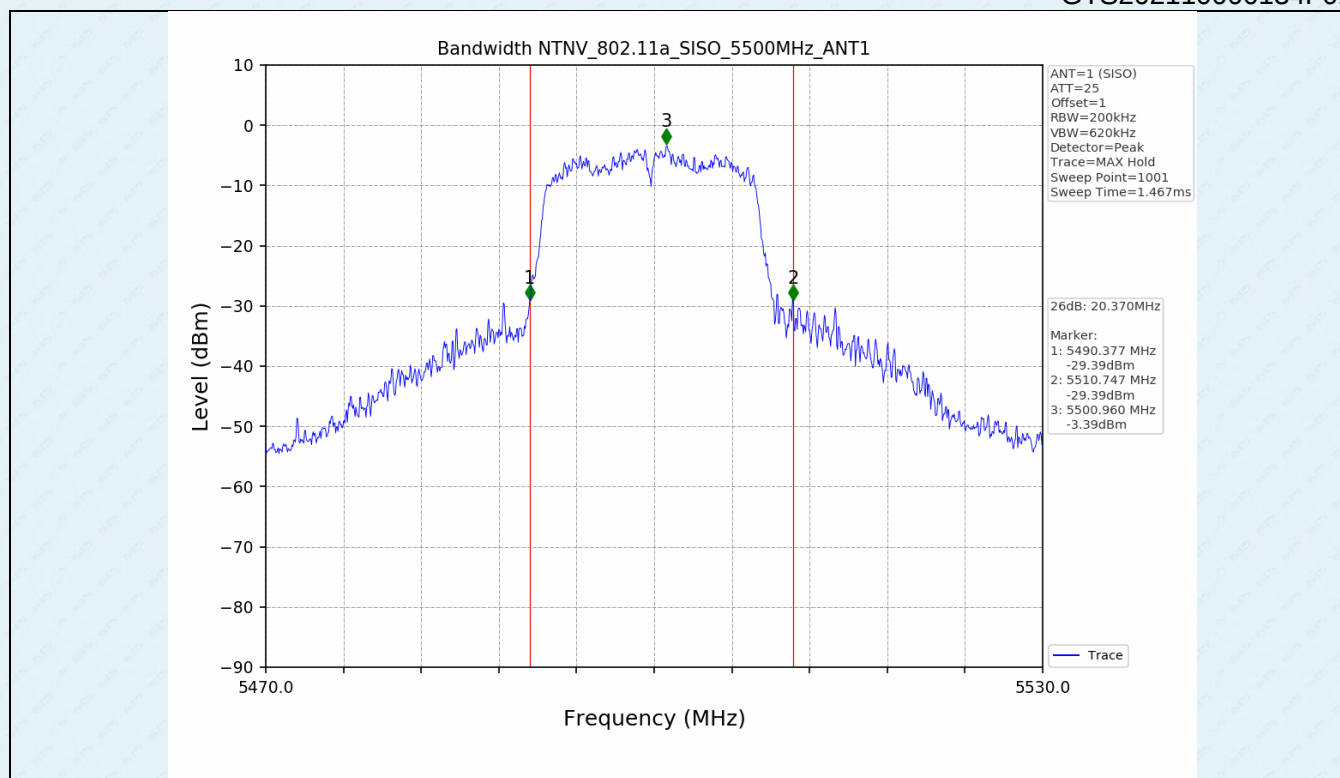
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.596	Only for Report Use
	5200	SISO	1	16.525	Only for Report Use
	5240	SISO	1	16.584	Only for Report Use
	5260	SISO	1	16.623	Only for Report Use
	5300	SISO	1	16.624	Only for Report Use
	5320	SISO	1	16.624	Only for Report Use
	5500	SISO	1	16.668	Only for Report Use
	5580	SISO	1	16.577	Only for Report Use
	5600	SISO	1	16.578	Only for Report Use
802.11n(HT20)	5700	SISO	1	16.543	Only for Report Use
	5180	SISO	1	17.541	Only for Report Use
	5200	SISO	1	17.537	Only for Report Use
	5240	SISO	1	17.589	Only for Report Use
	5260	SISO	1	17.572	Only for Report Use
	5300	SISO	1	17.548	Only for Report Use
	5320	SISO	1	17.553	Only for Report Use
	5500	SISO	1	17.549	Only for Report Use
	5580	SISO	1	17.535	Only for Report Use
	5600	SISO	1	17.524	Only for Report Use
	5700	SISO	1	17.530	Only for Report Use

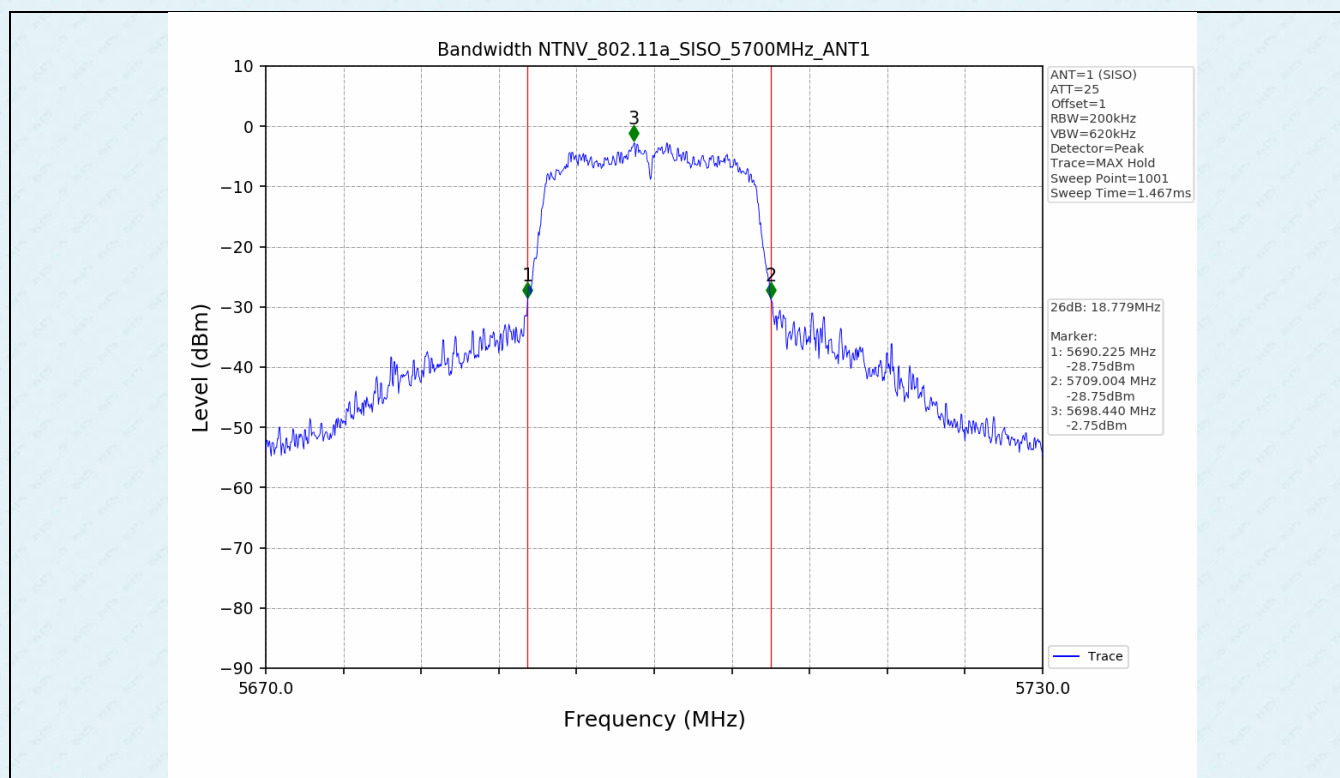
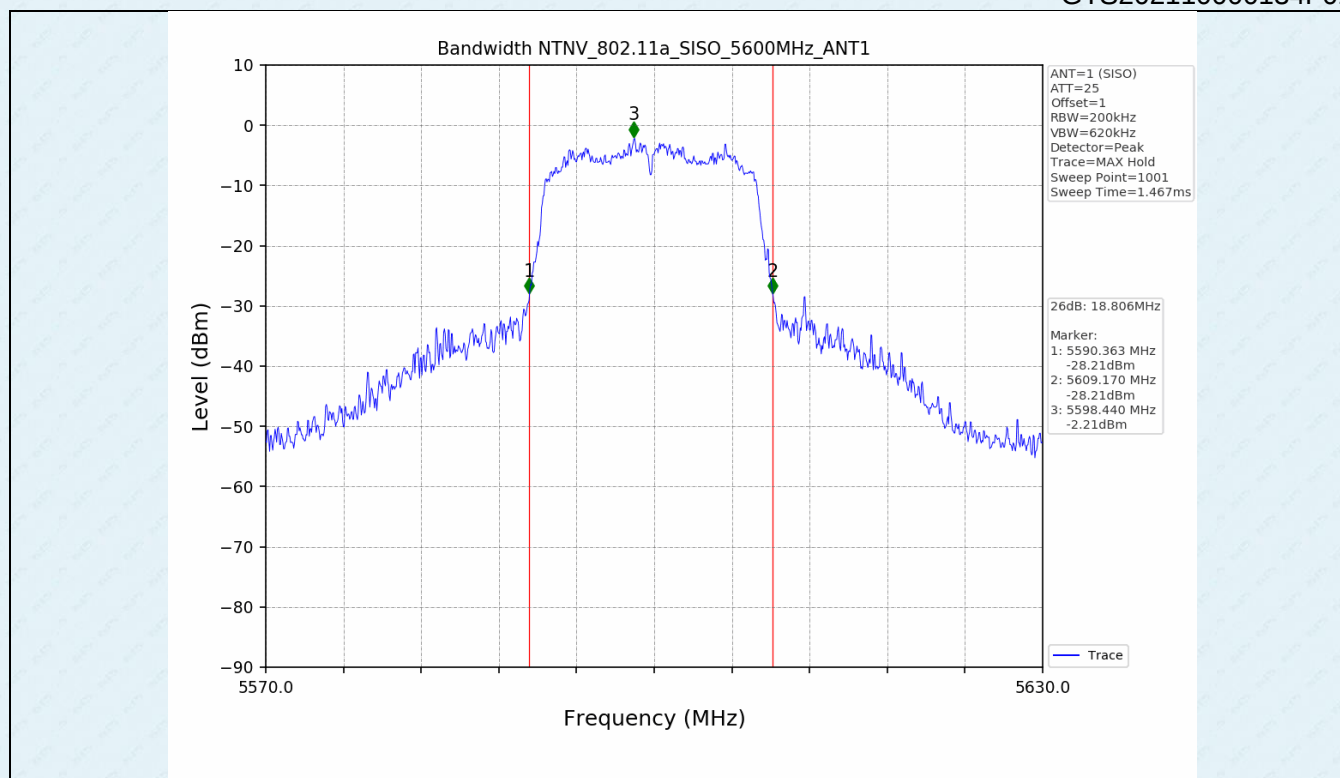
2.2 Test Graph - Emission Bandwidth

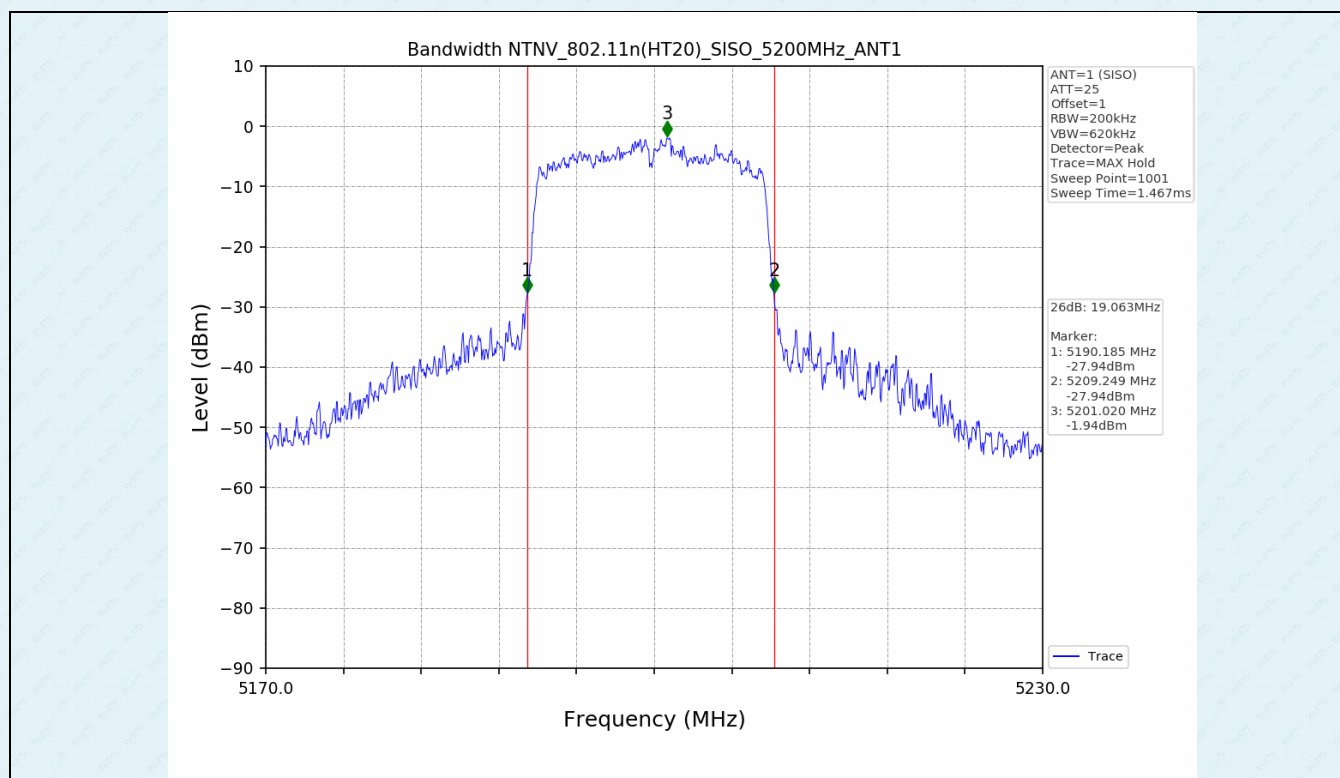
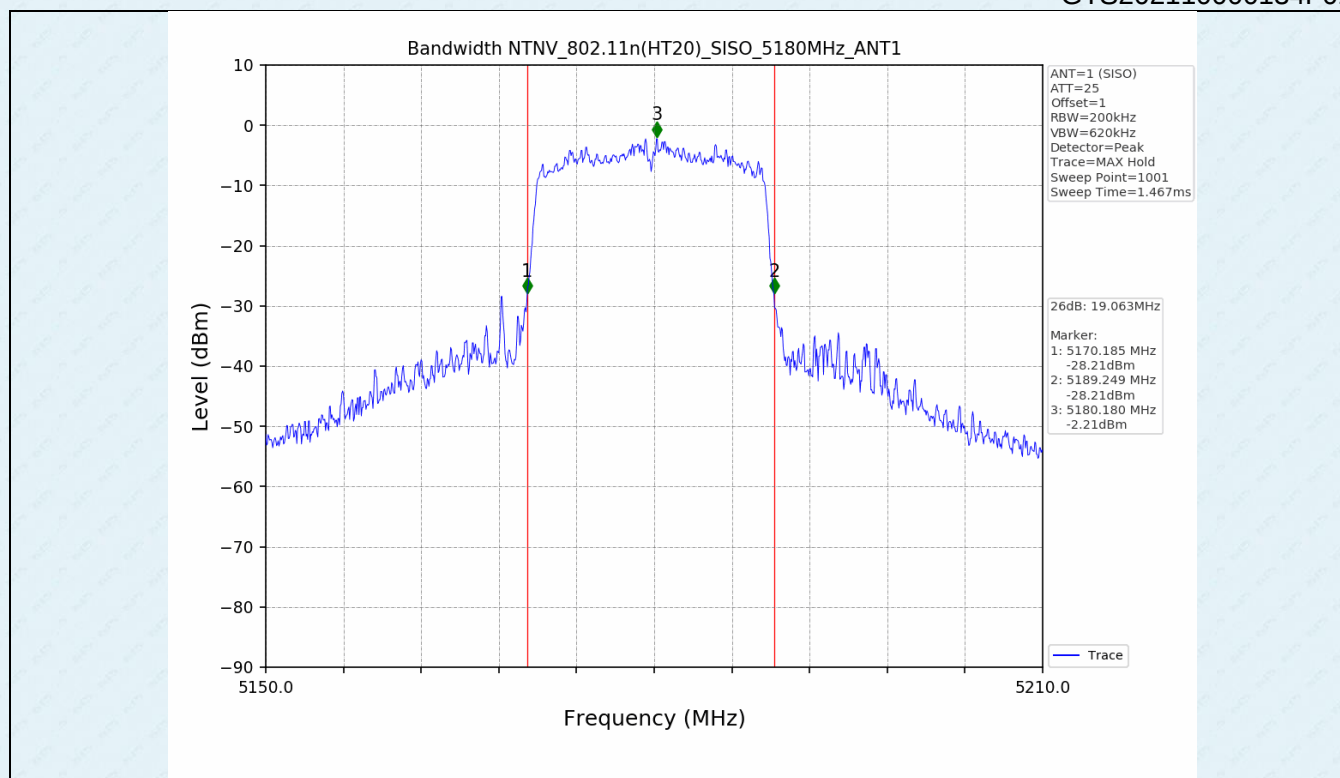


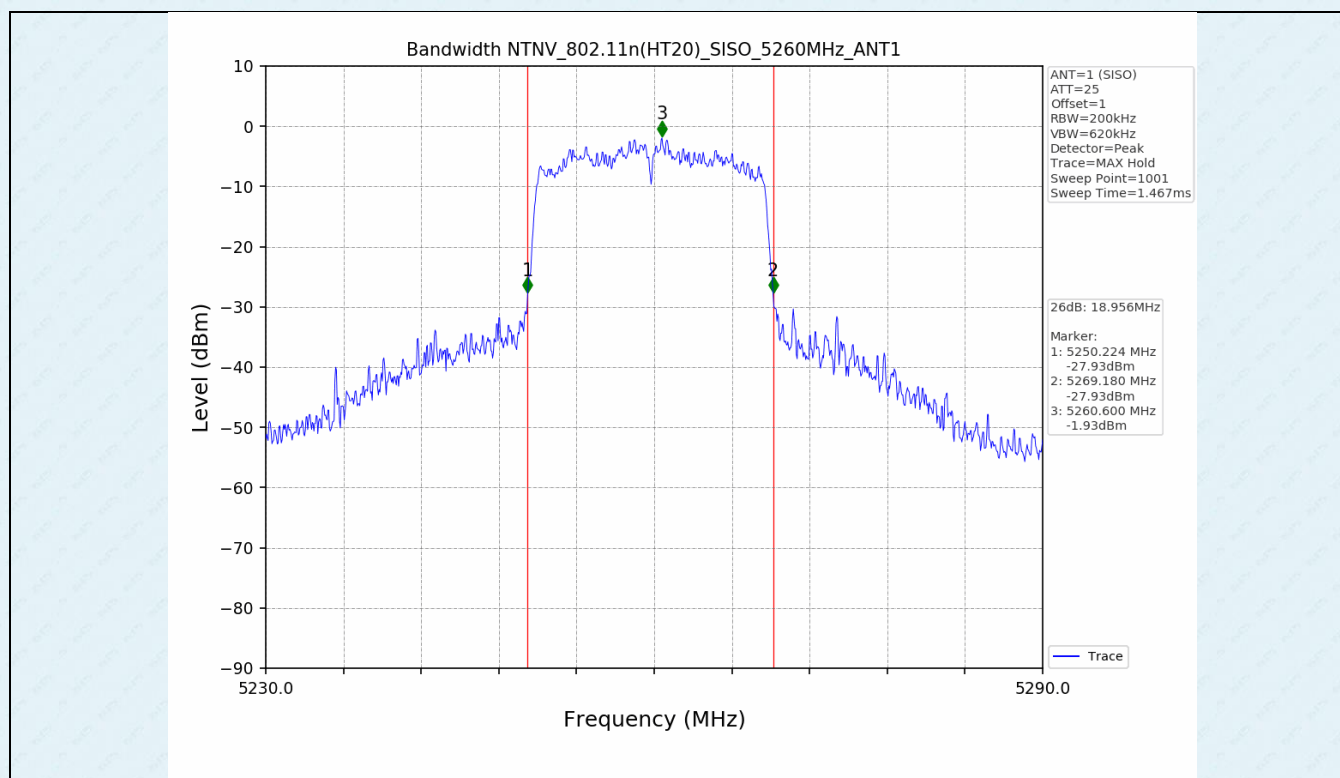
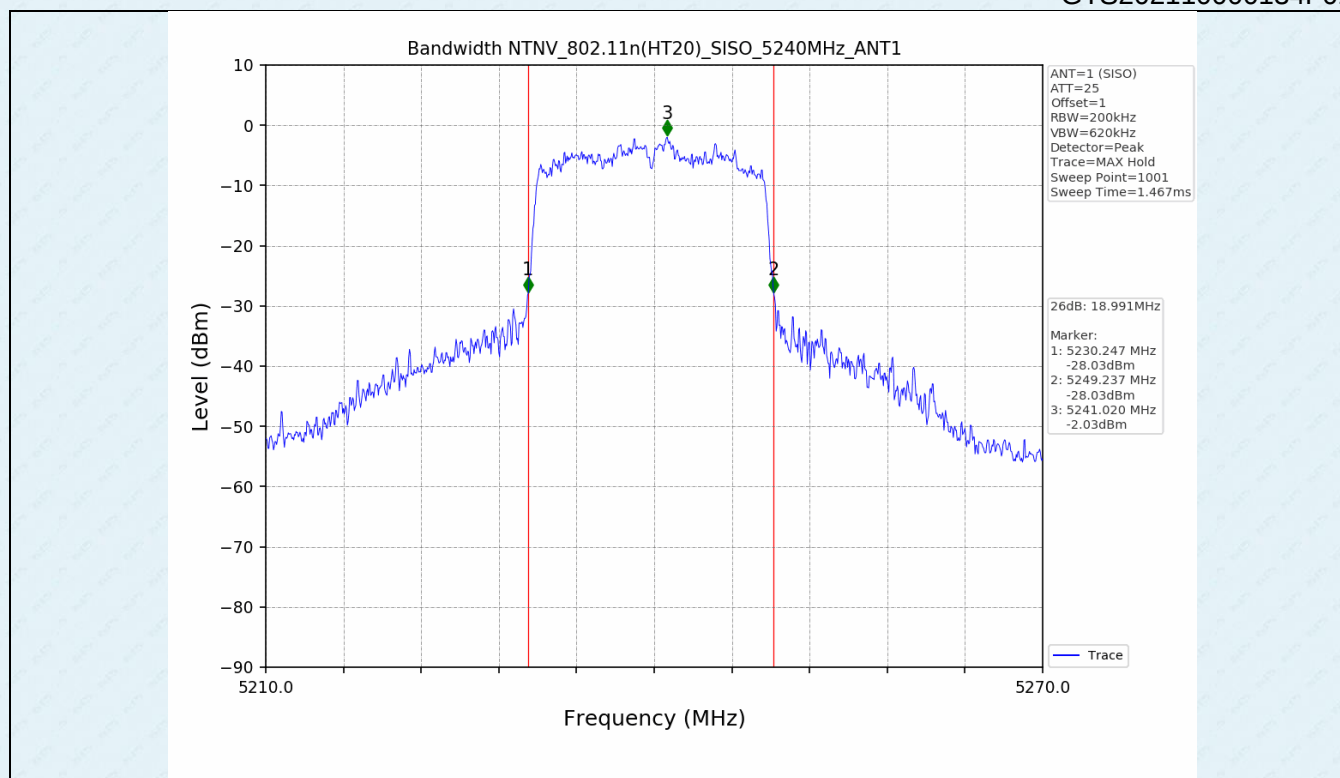


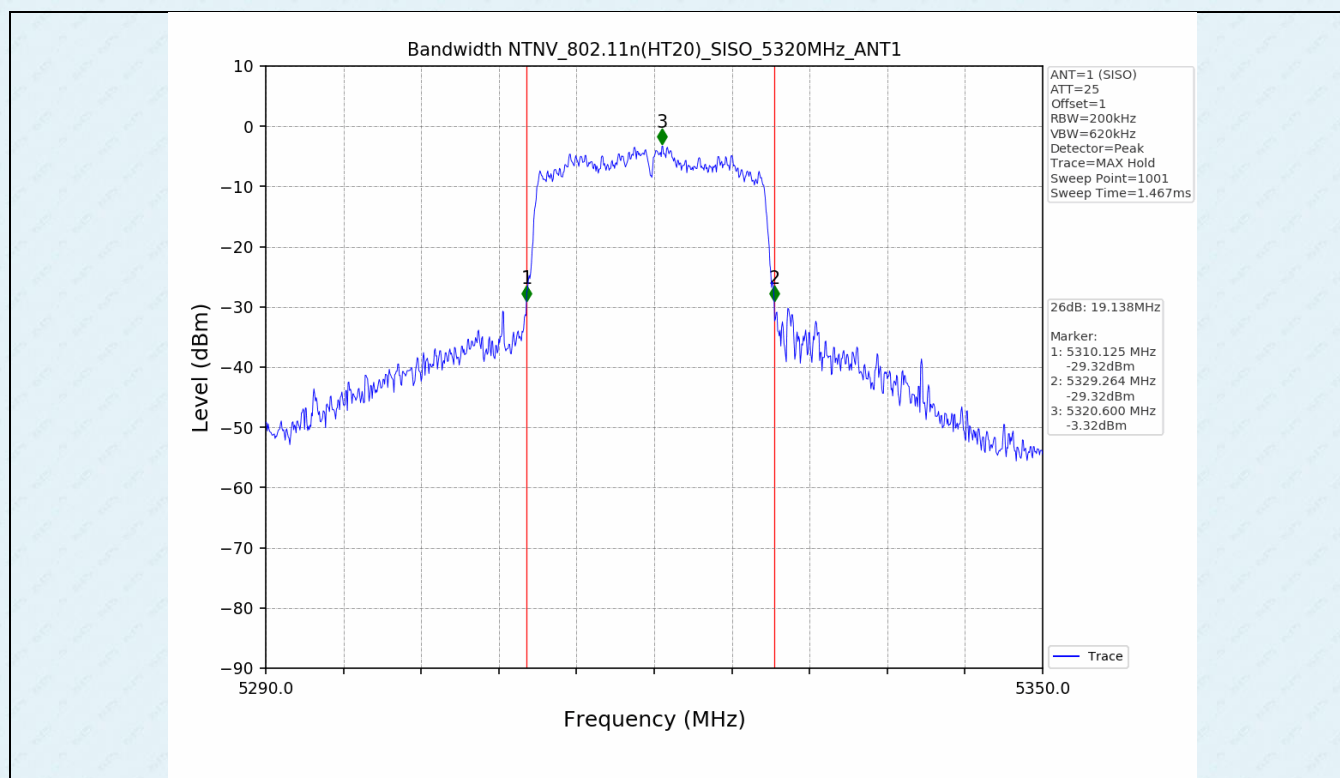
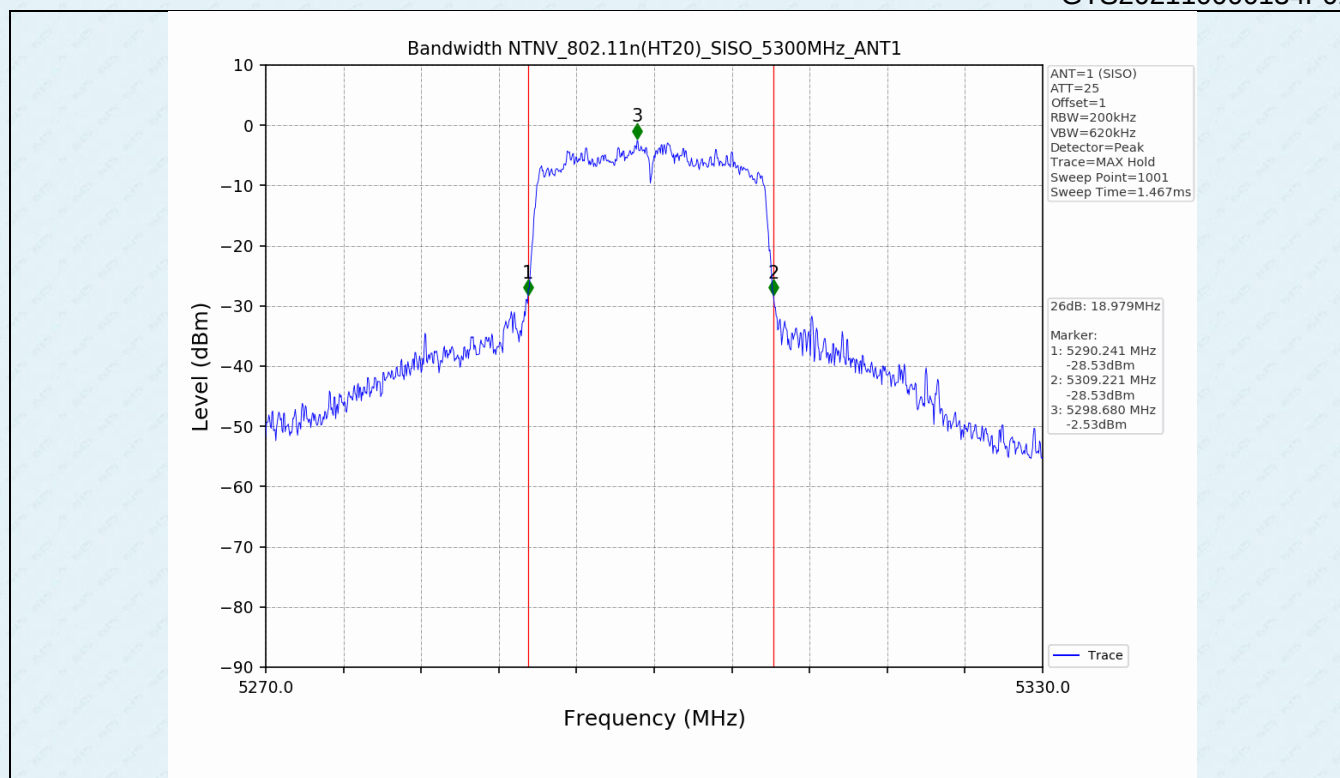


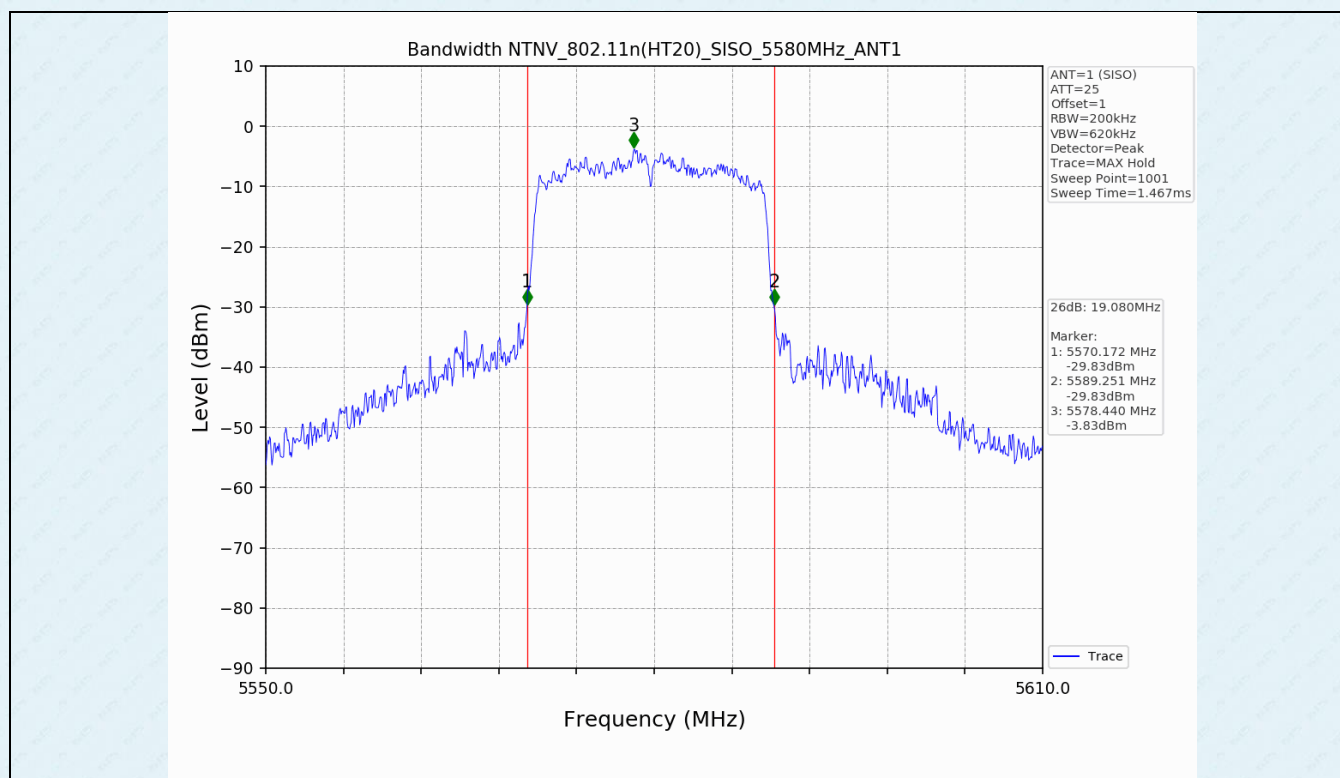
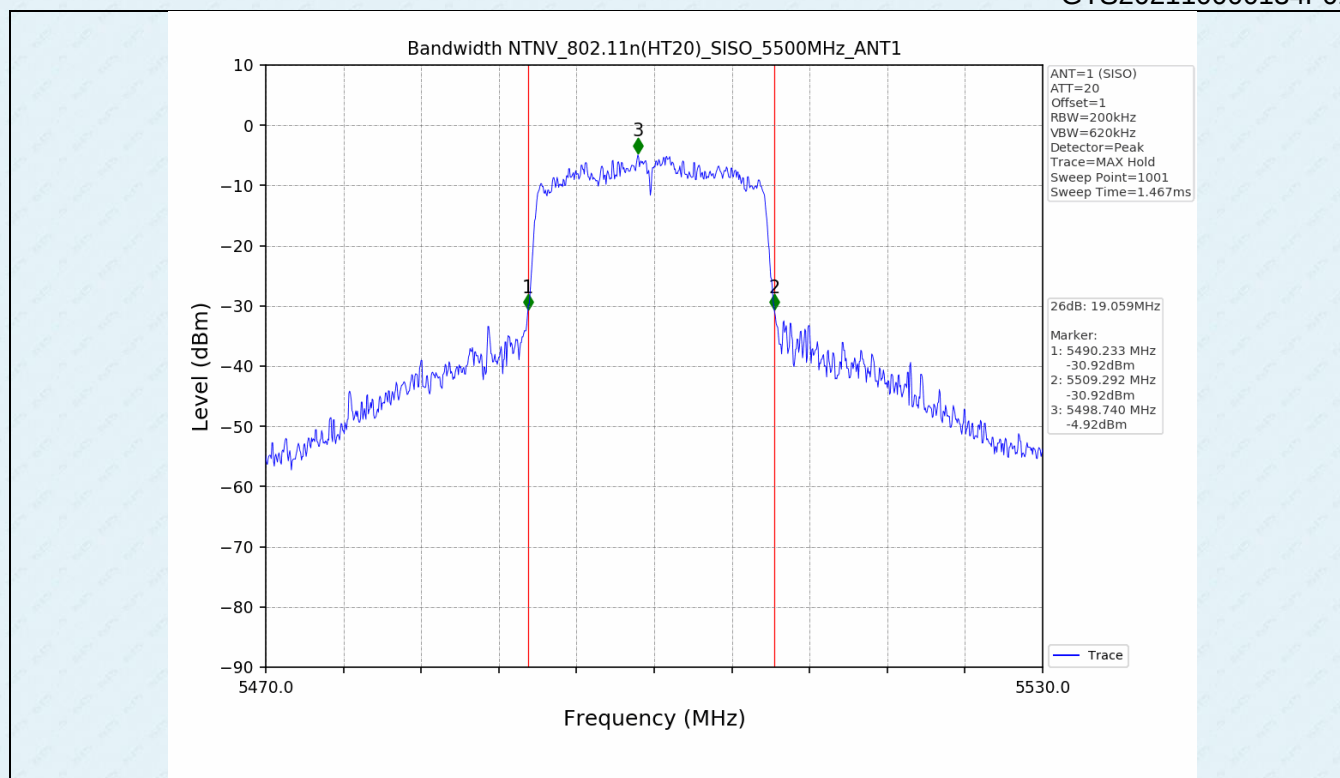


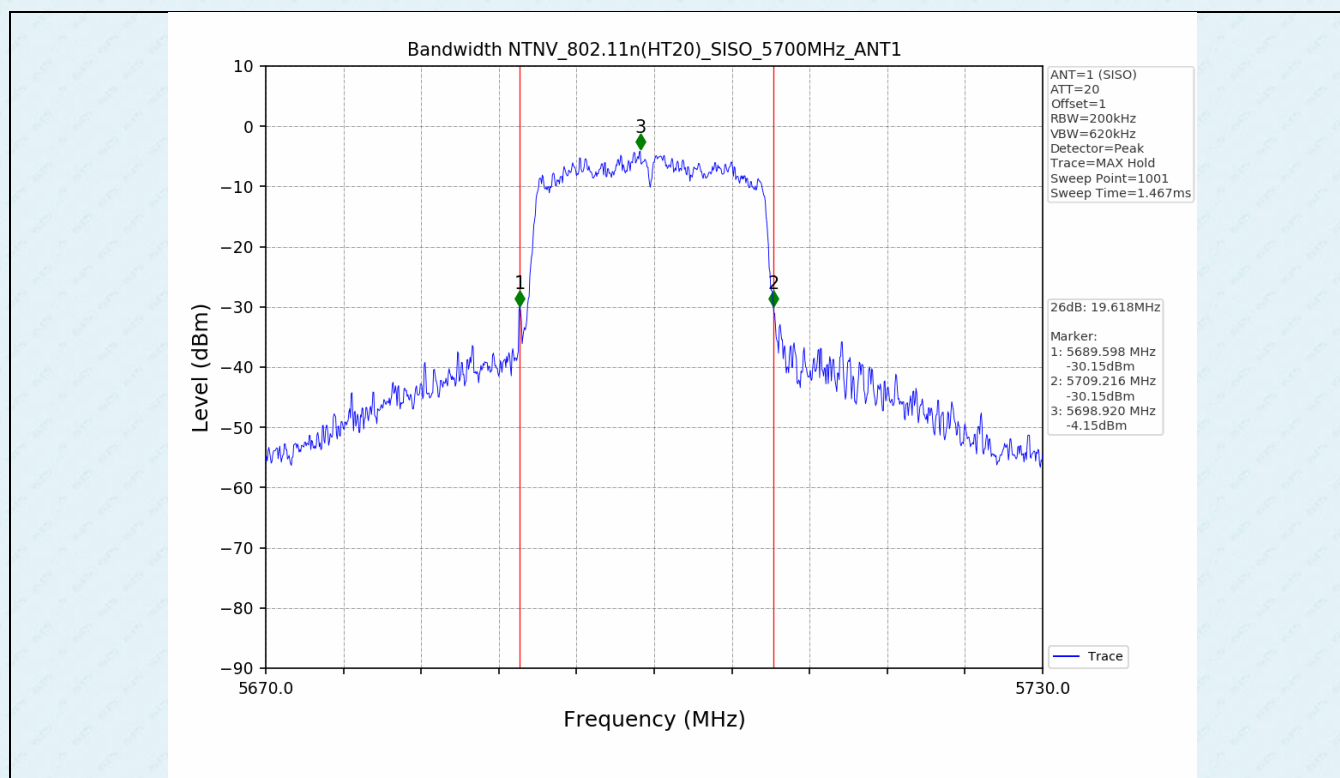
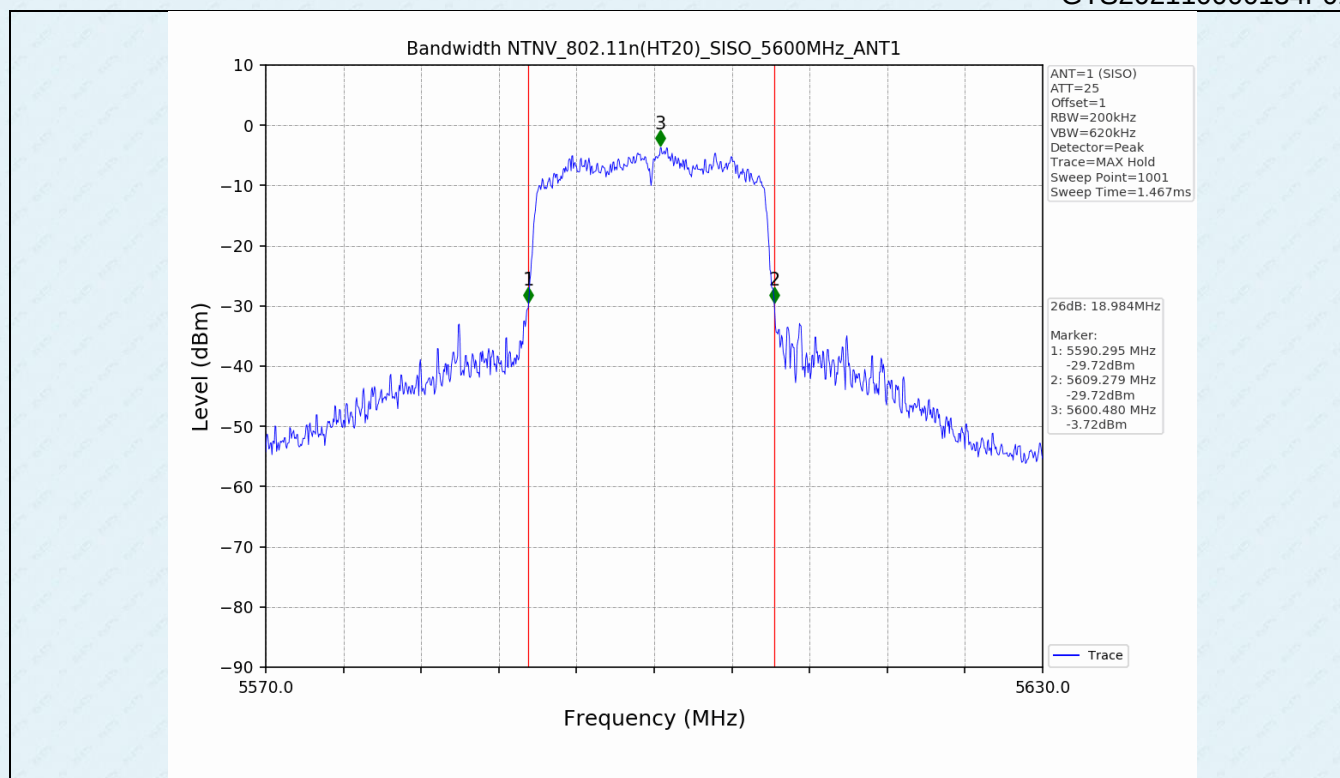




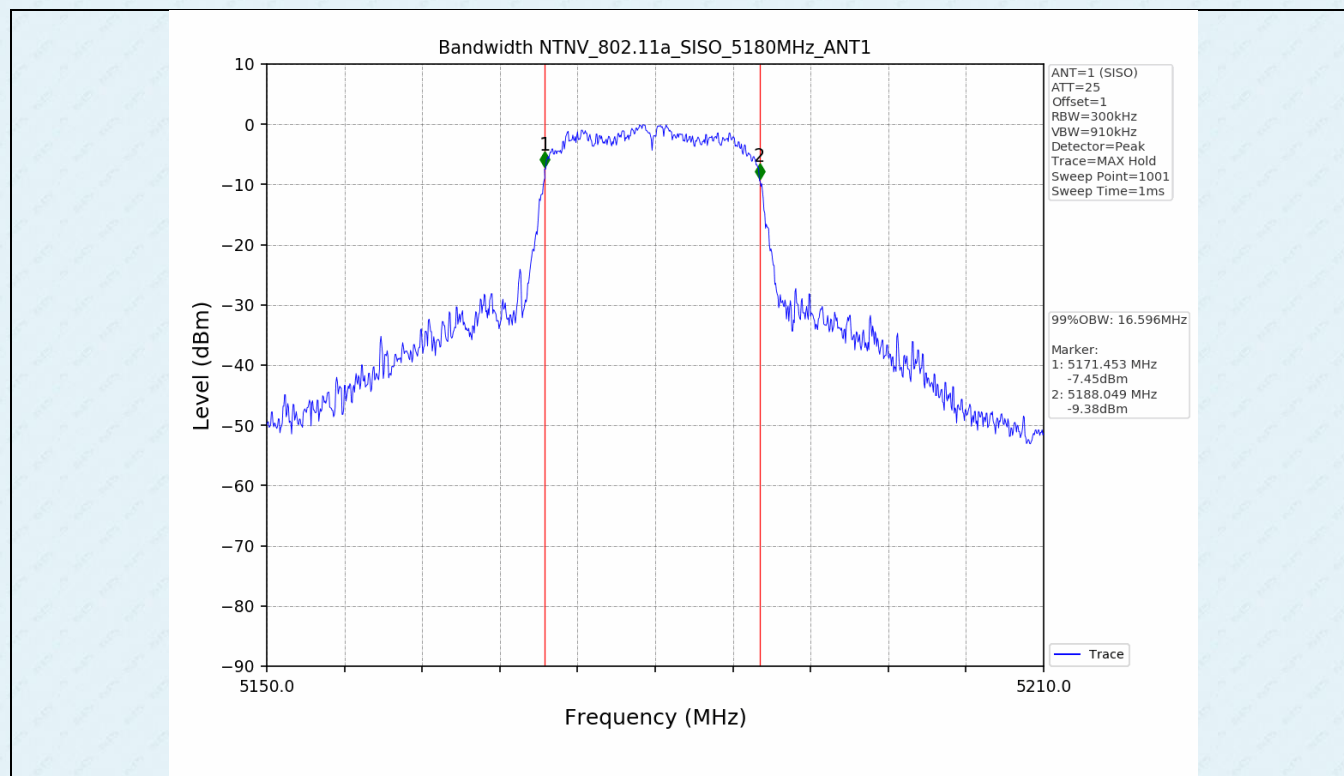


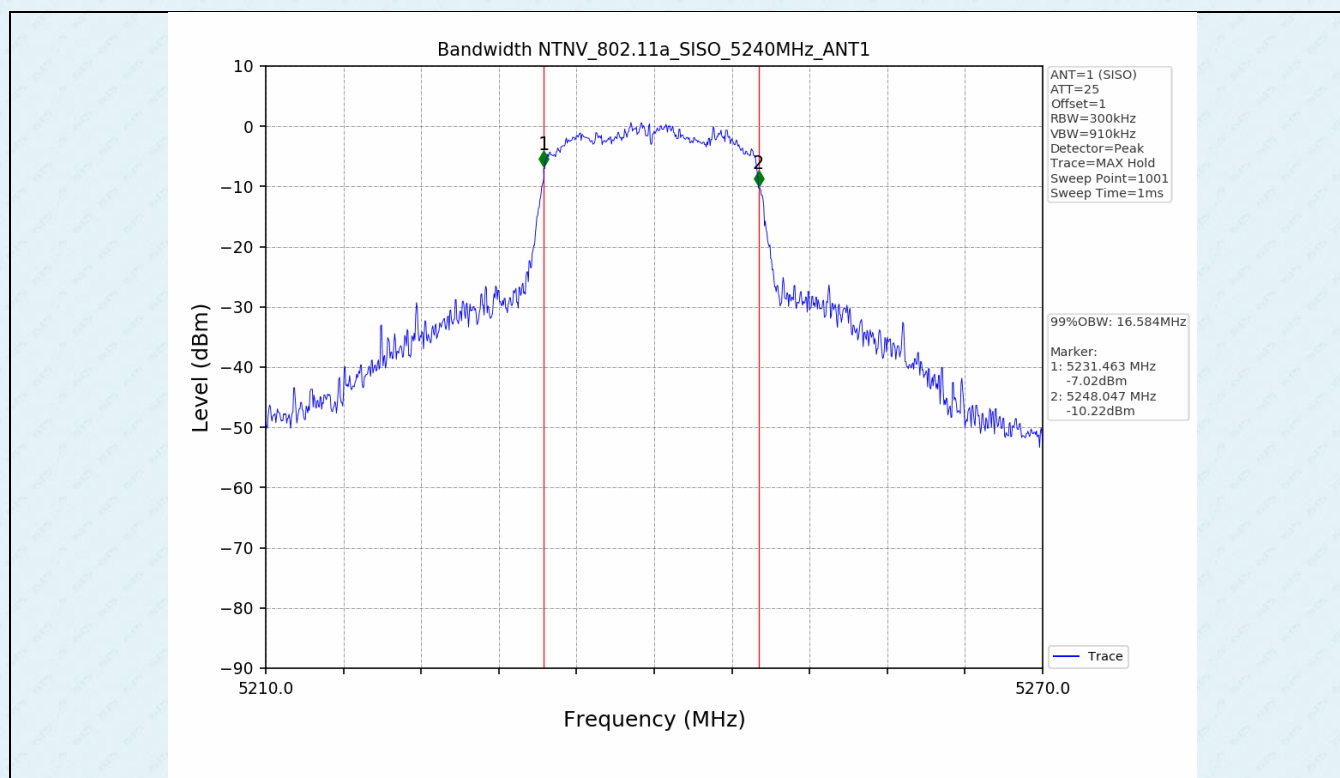
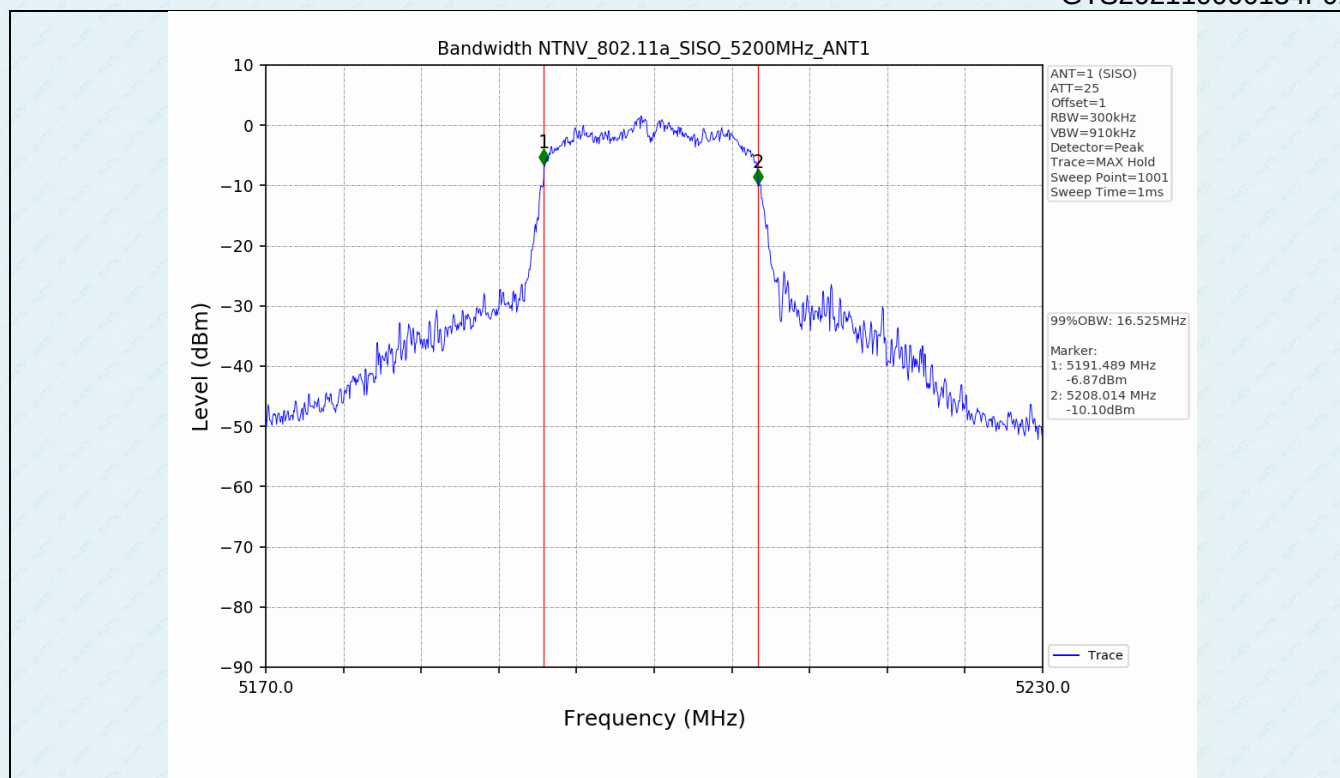


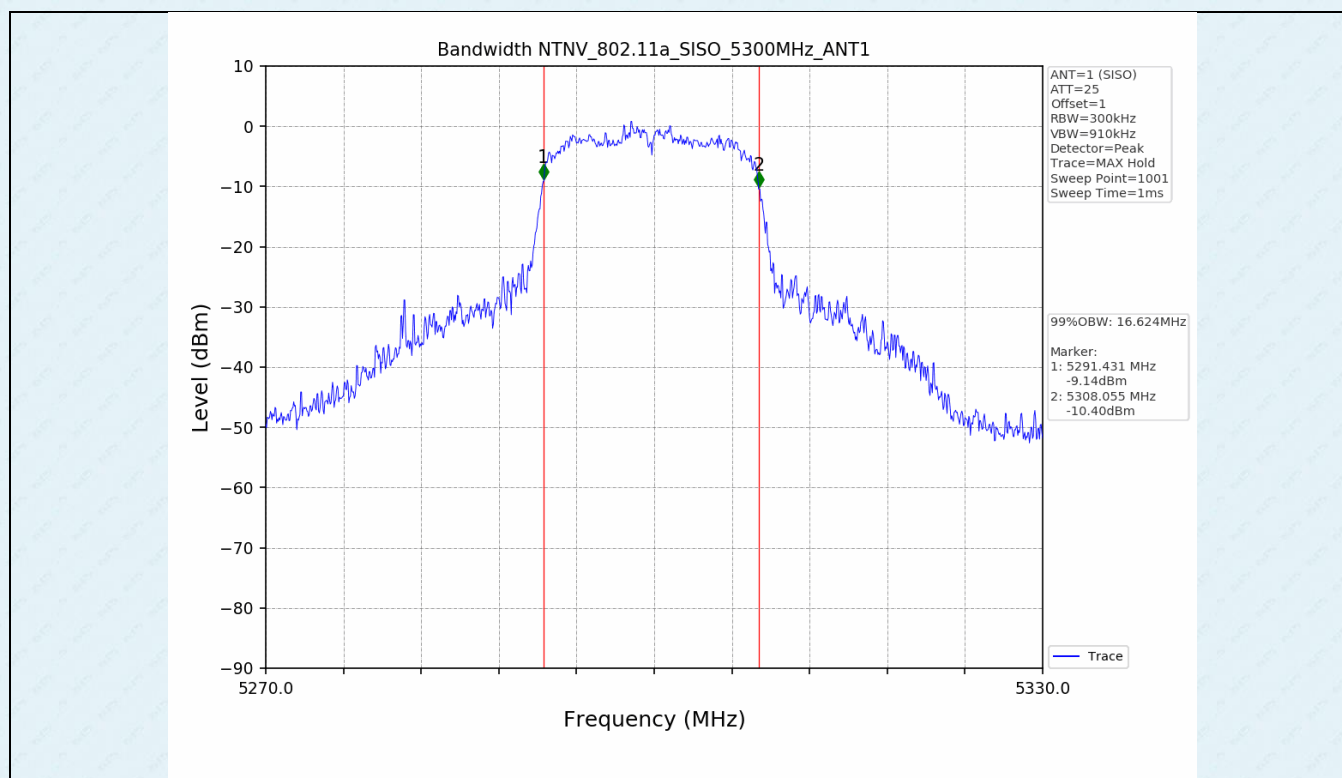
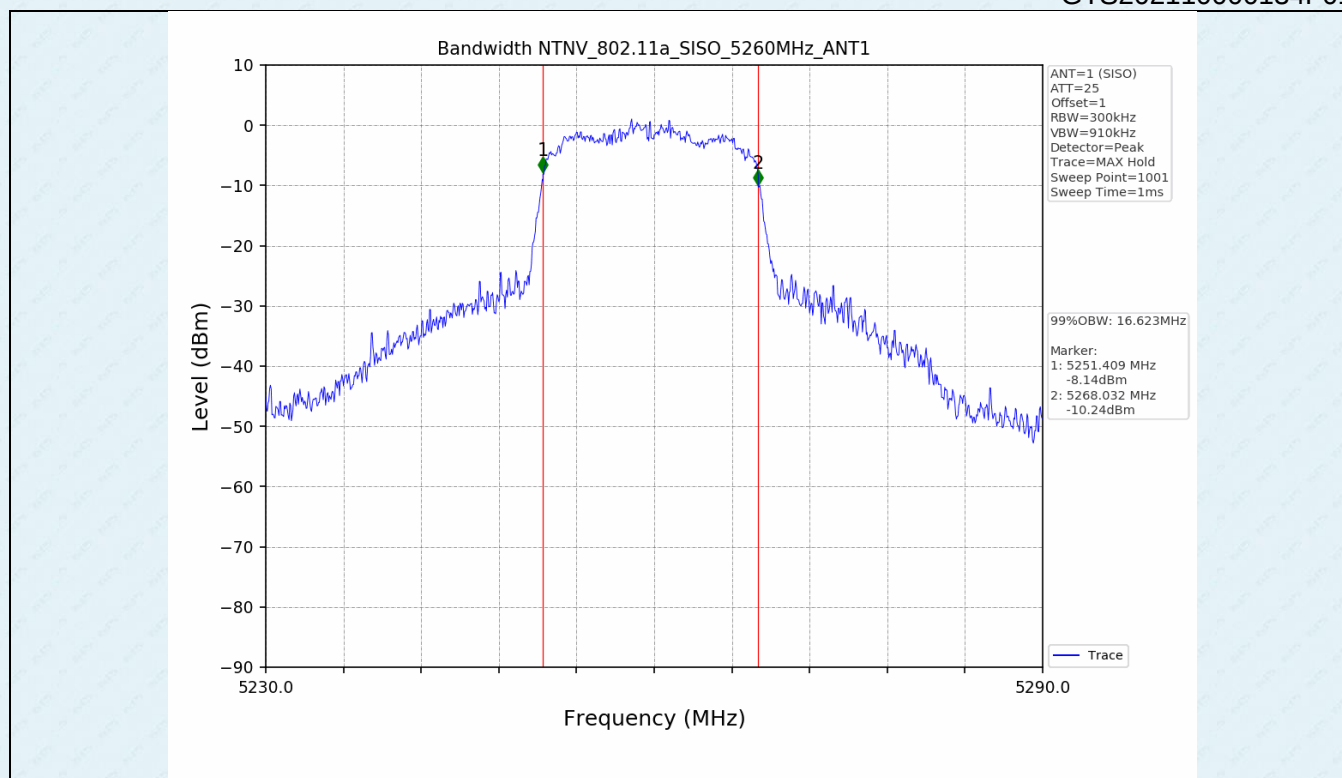


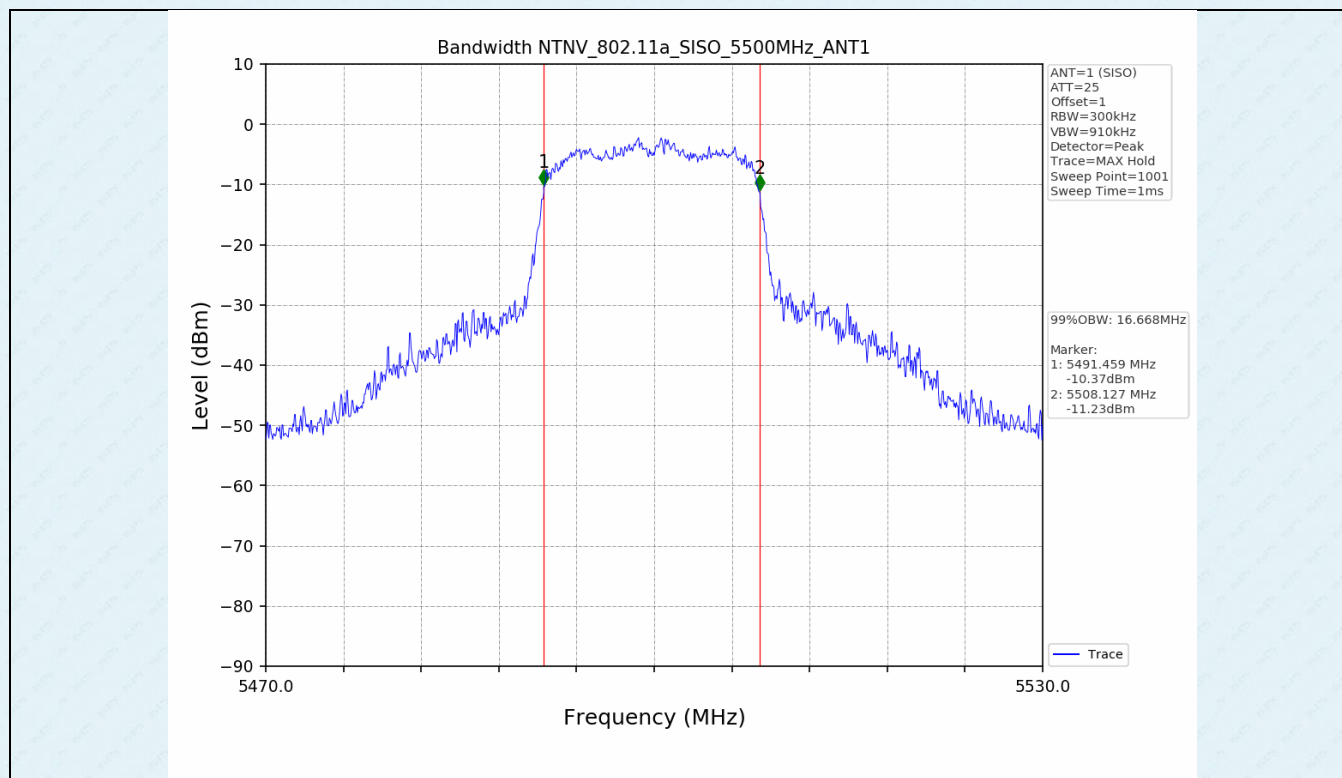
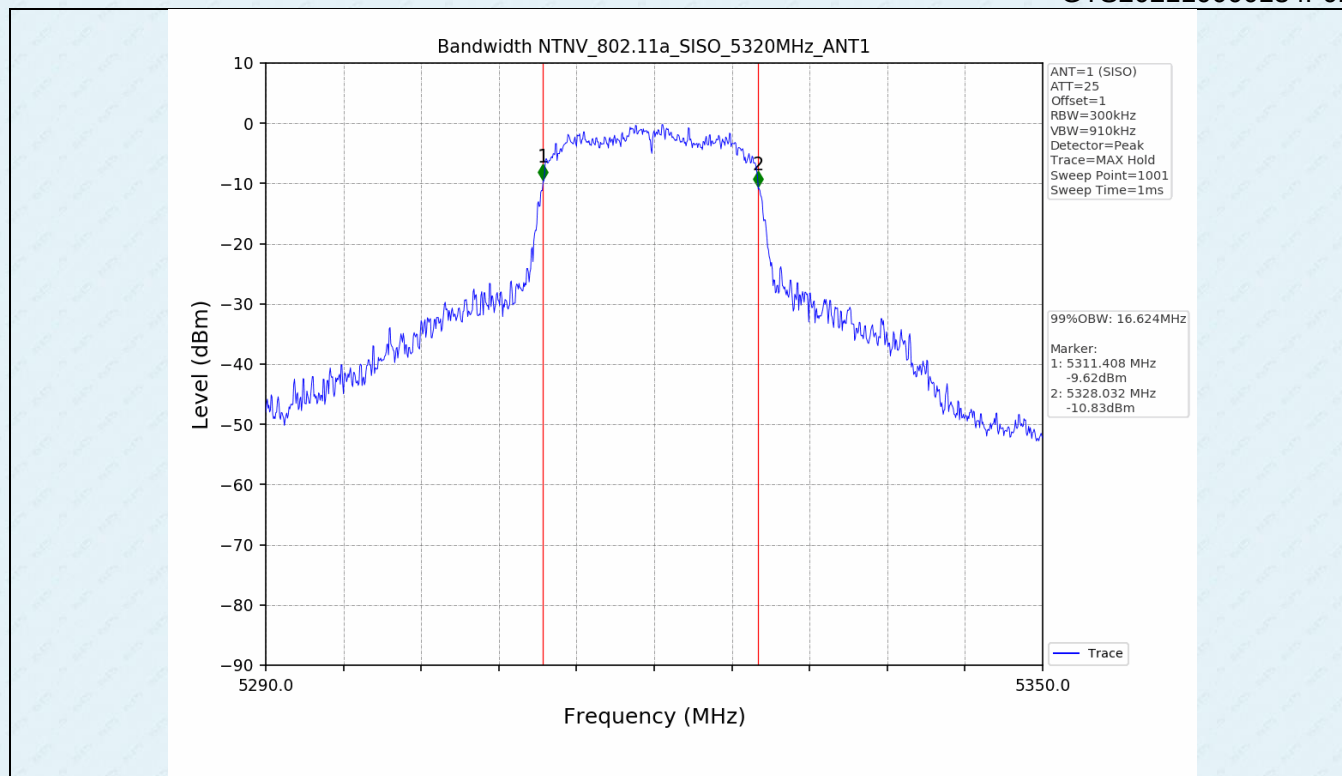


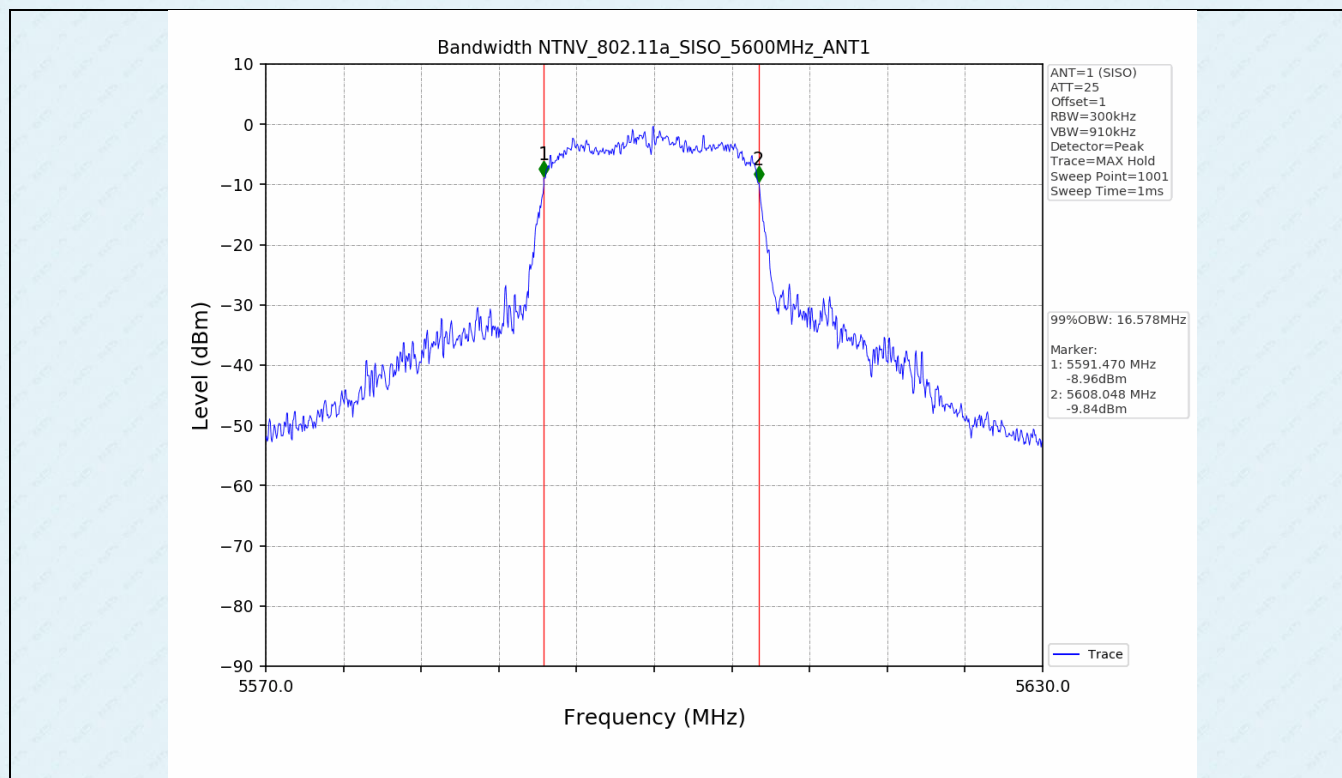
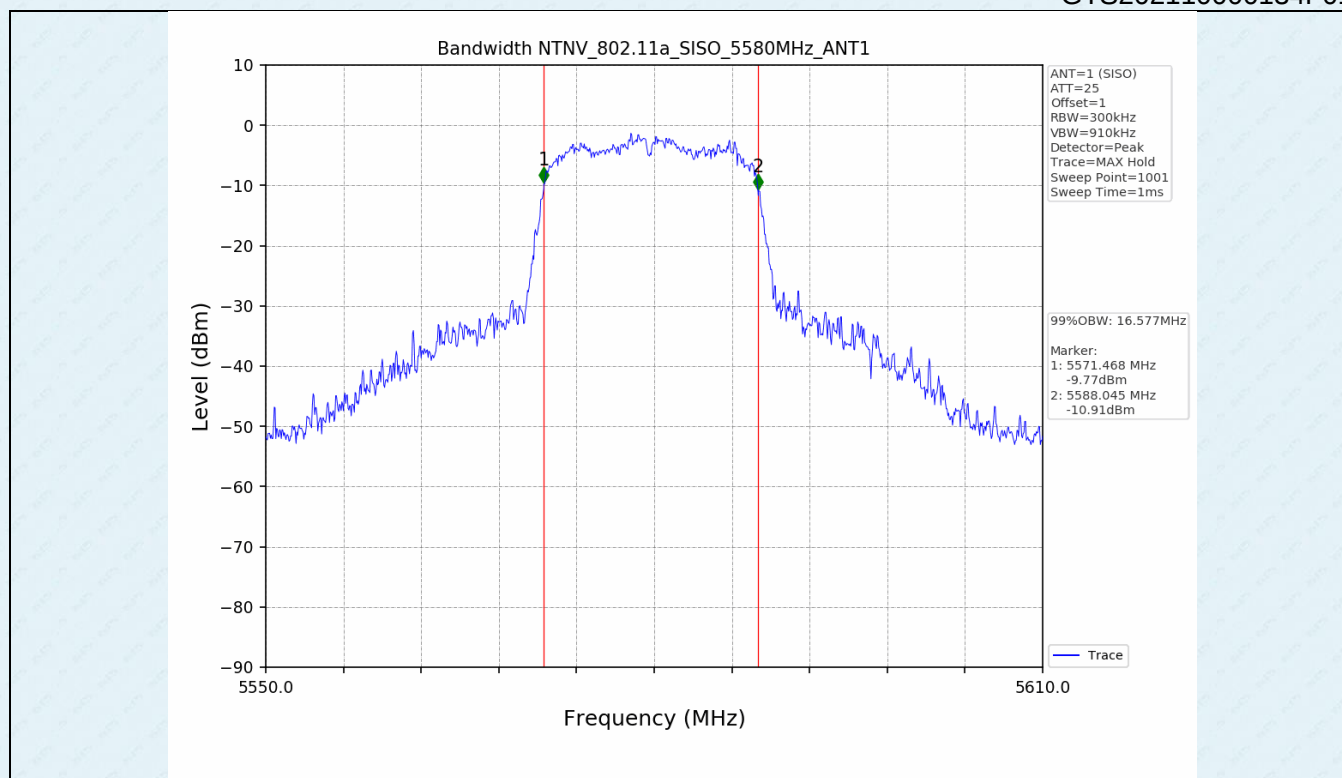
2.3 Test Graph - 99% Occupied Bandwidth

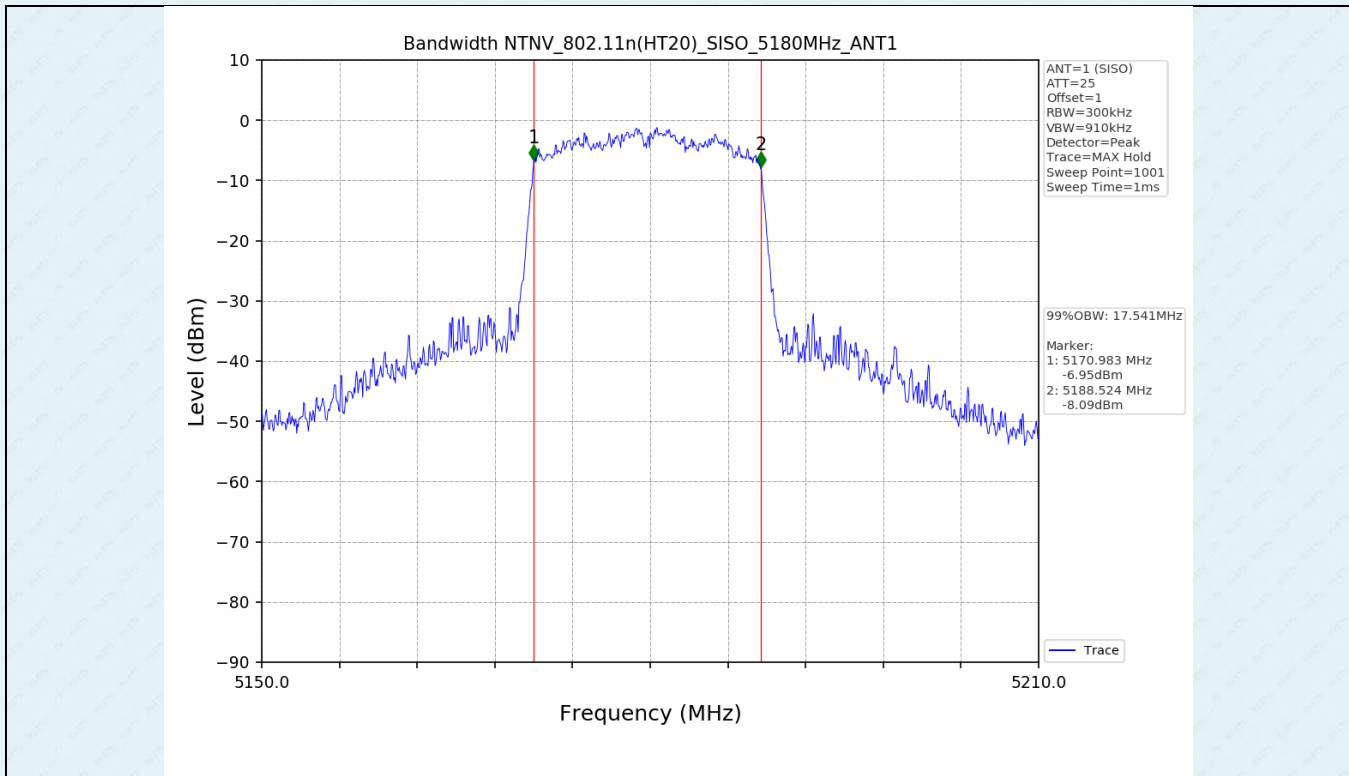
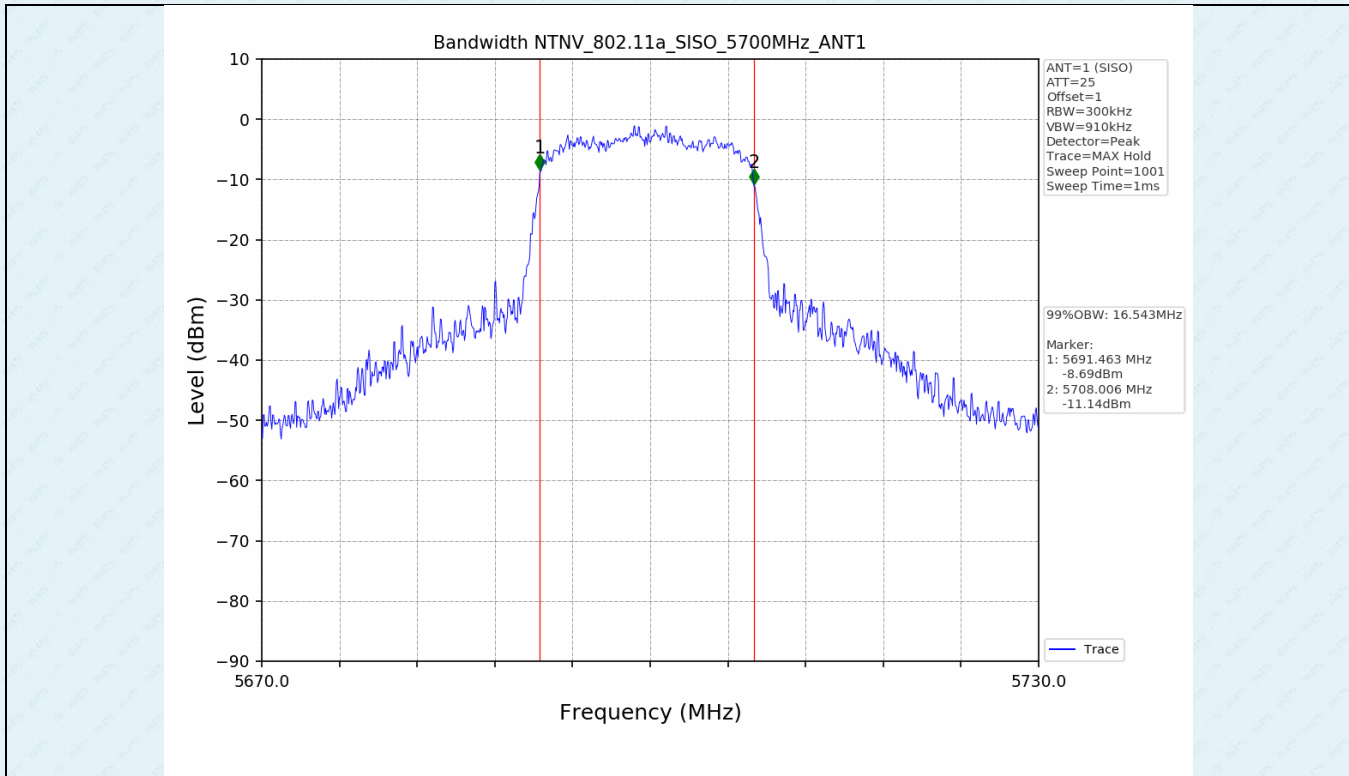


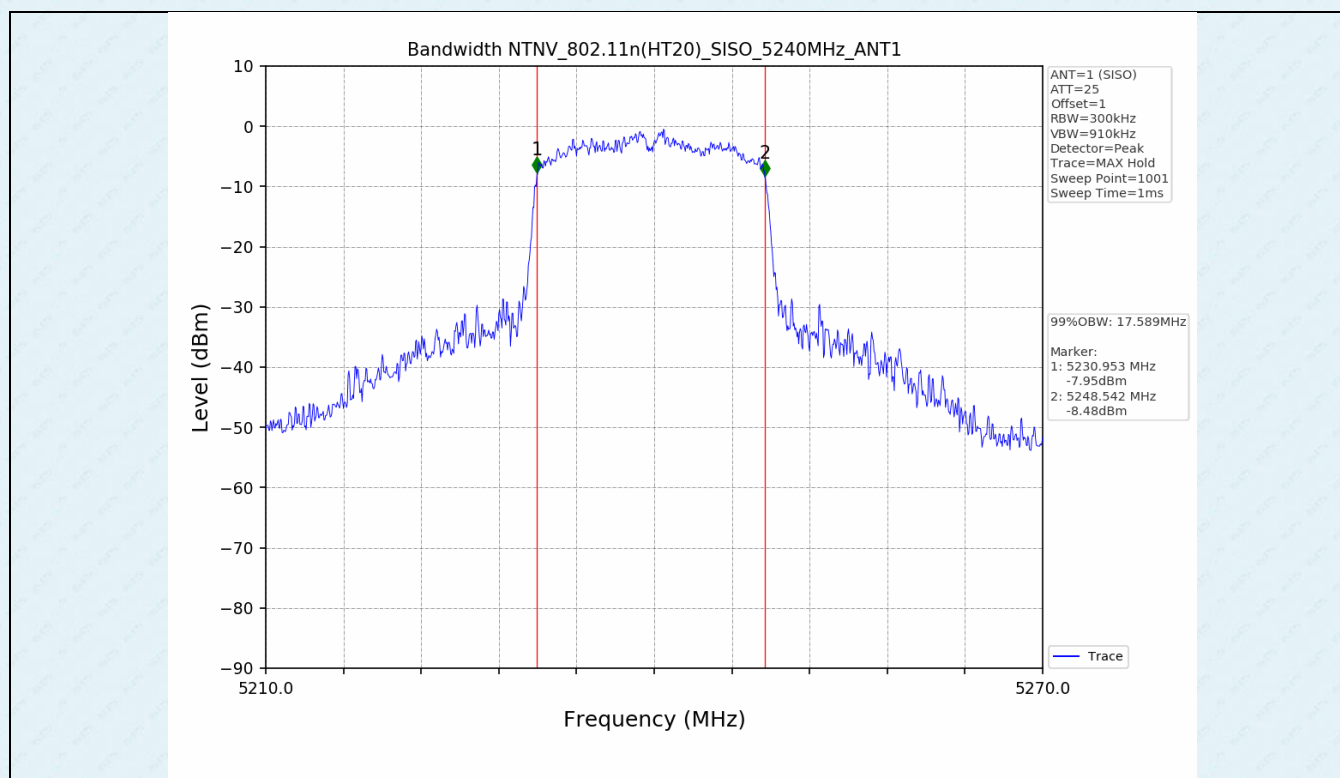
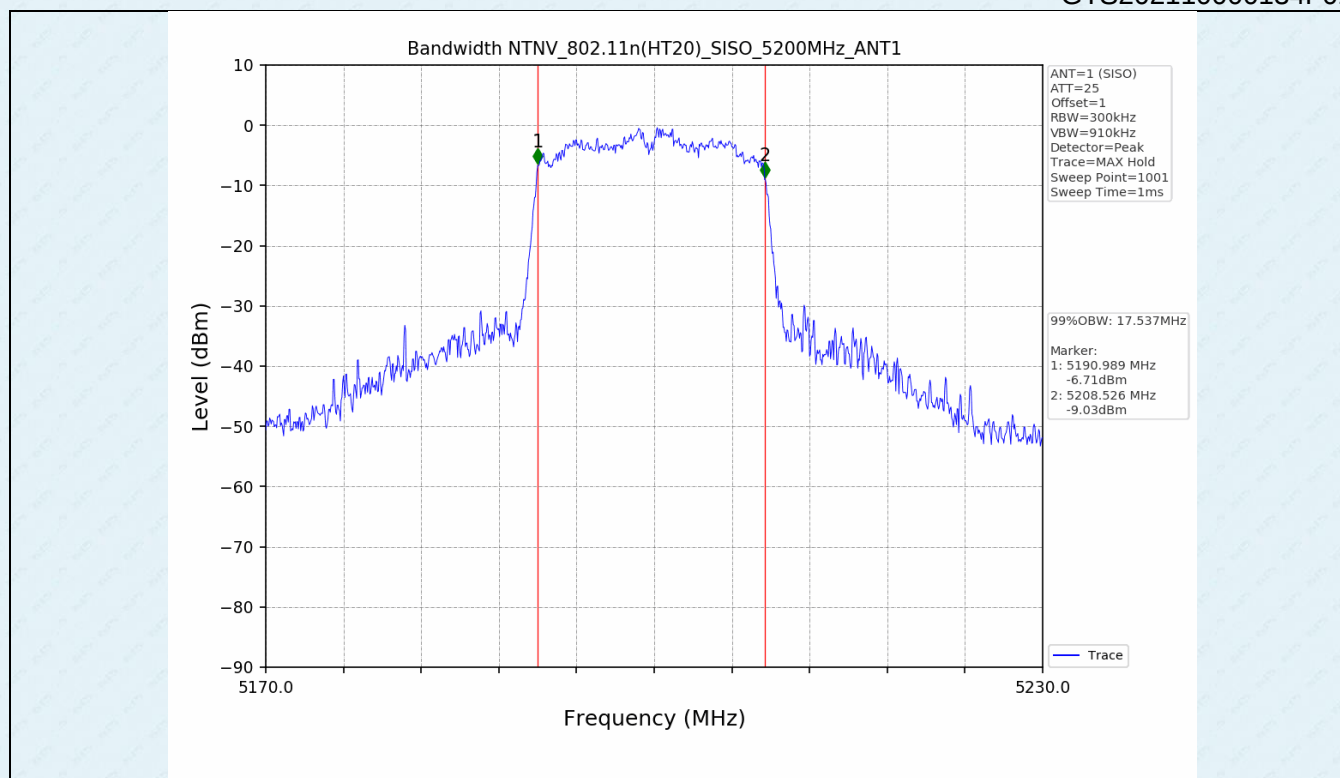


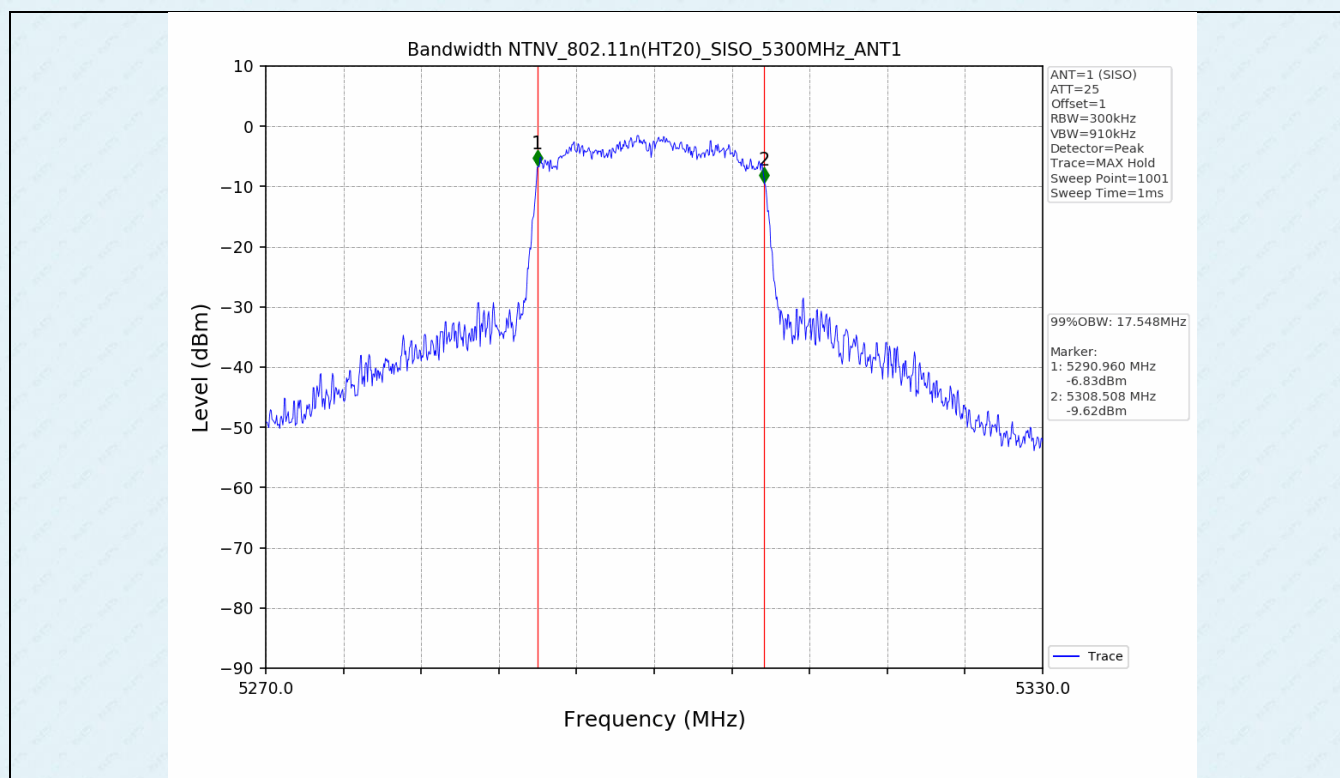
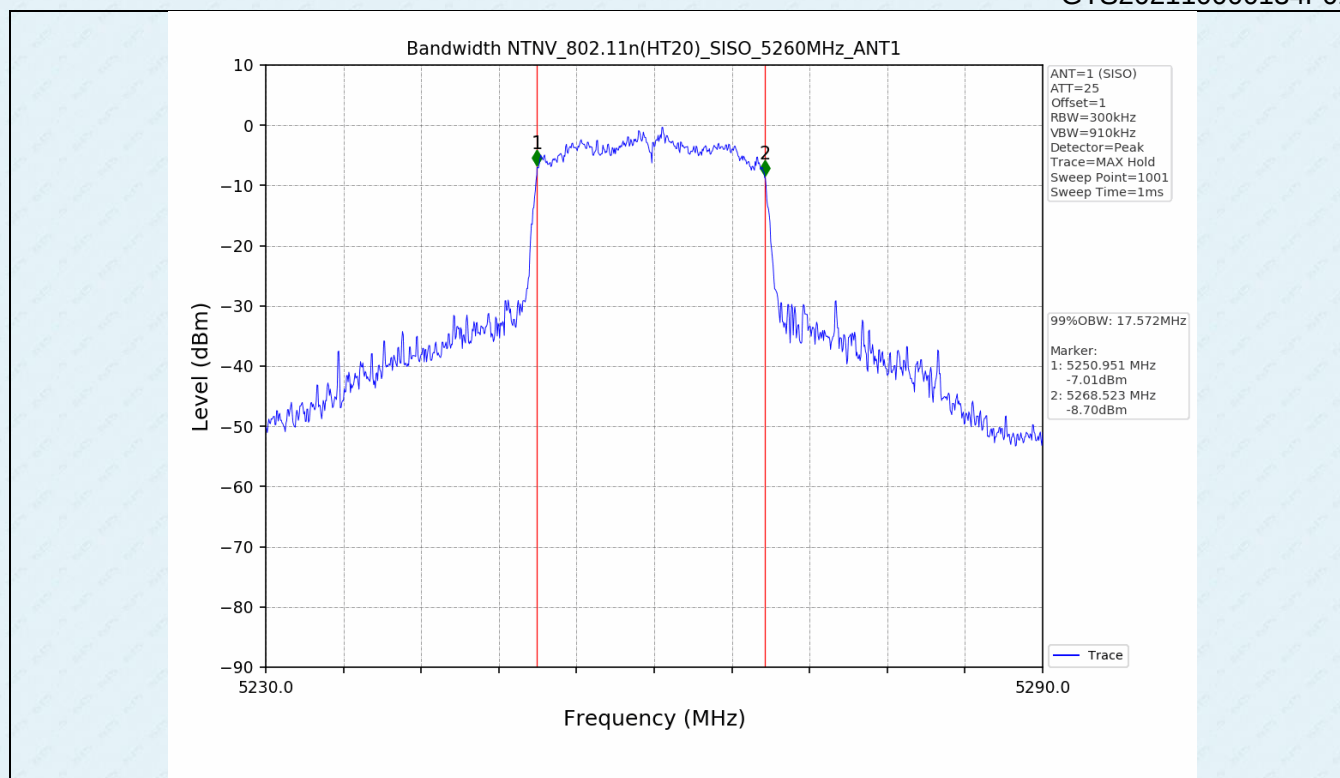


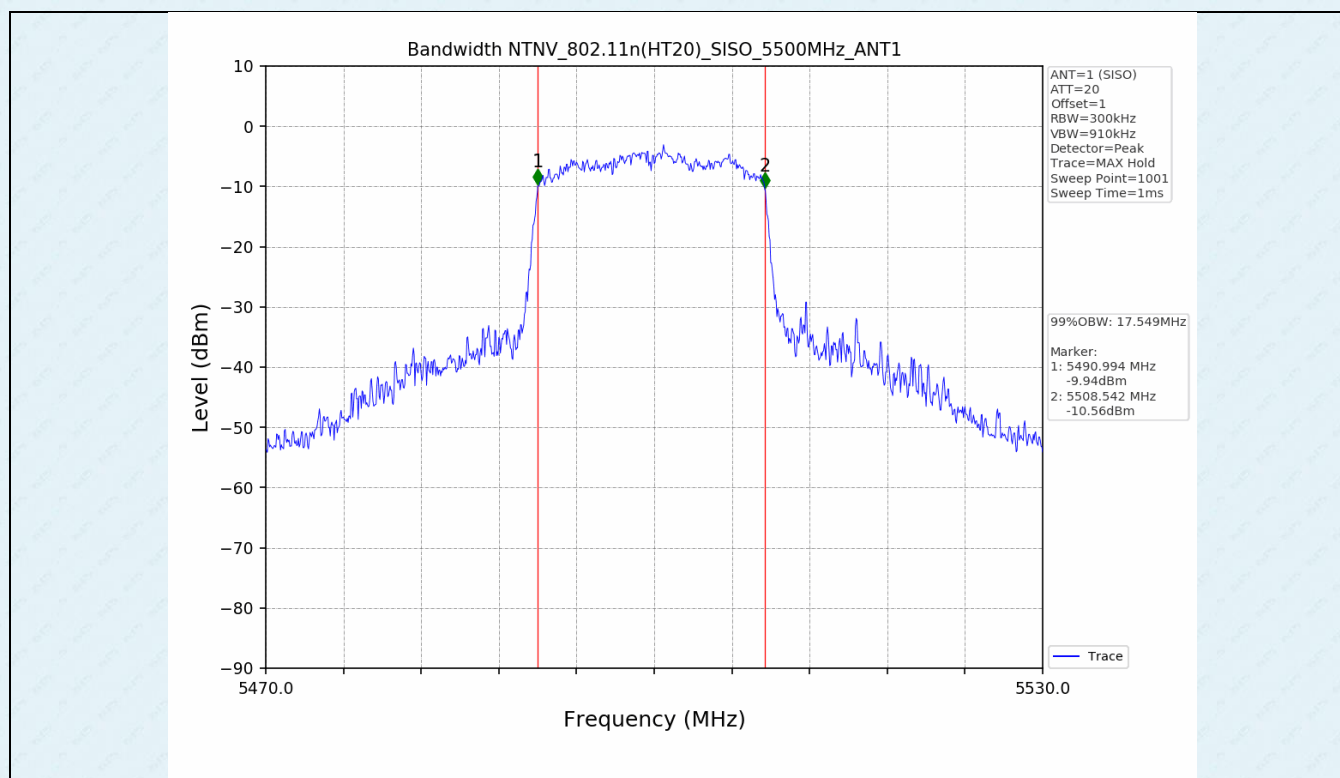
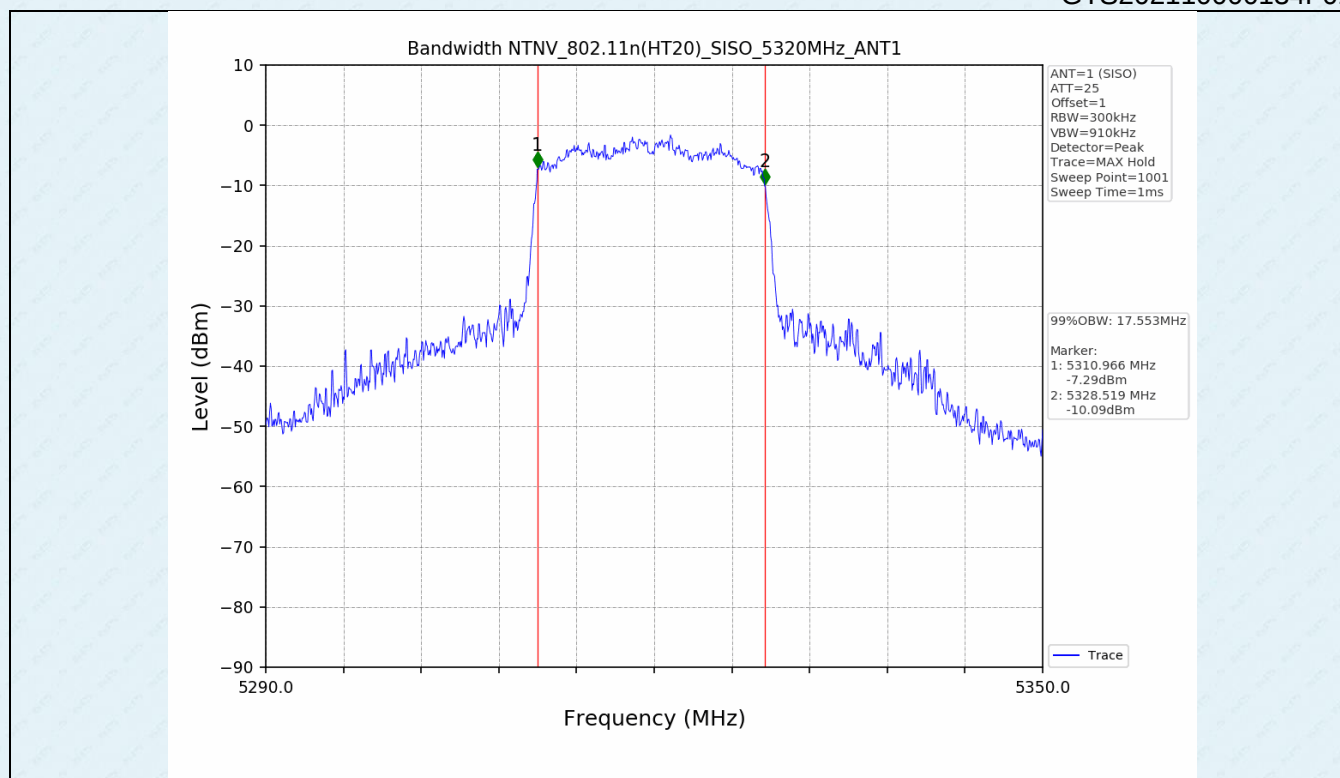


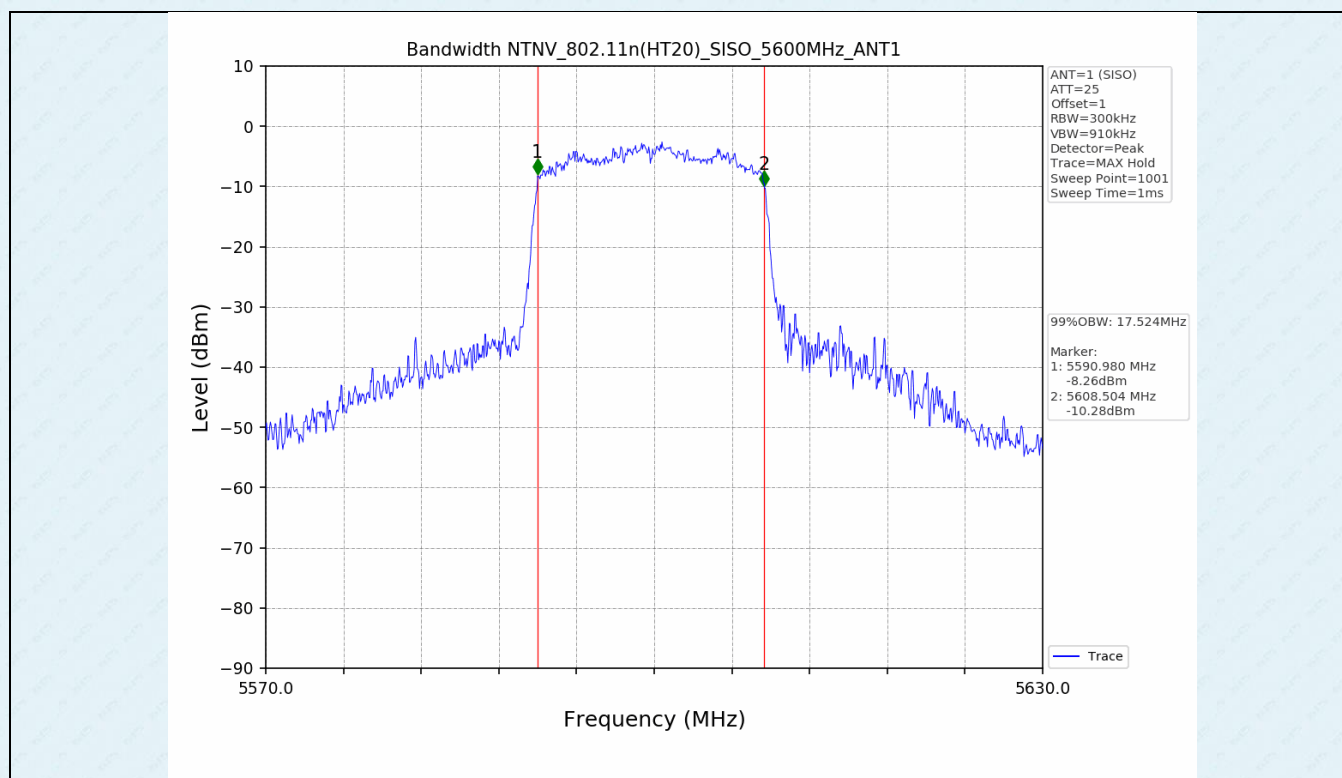
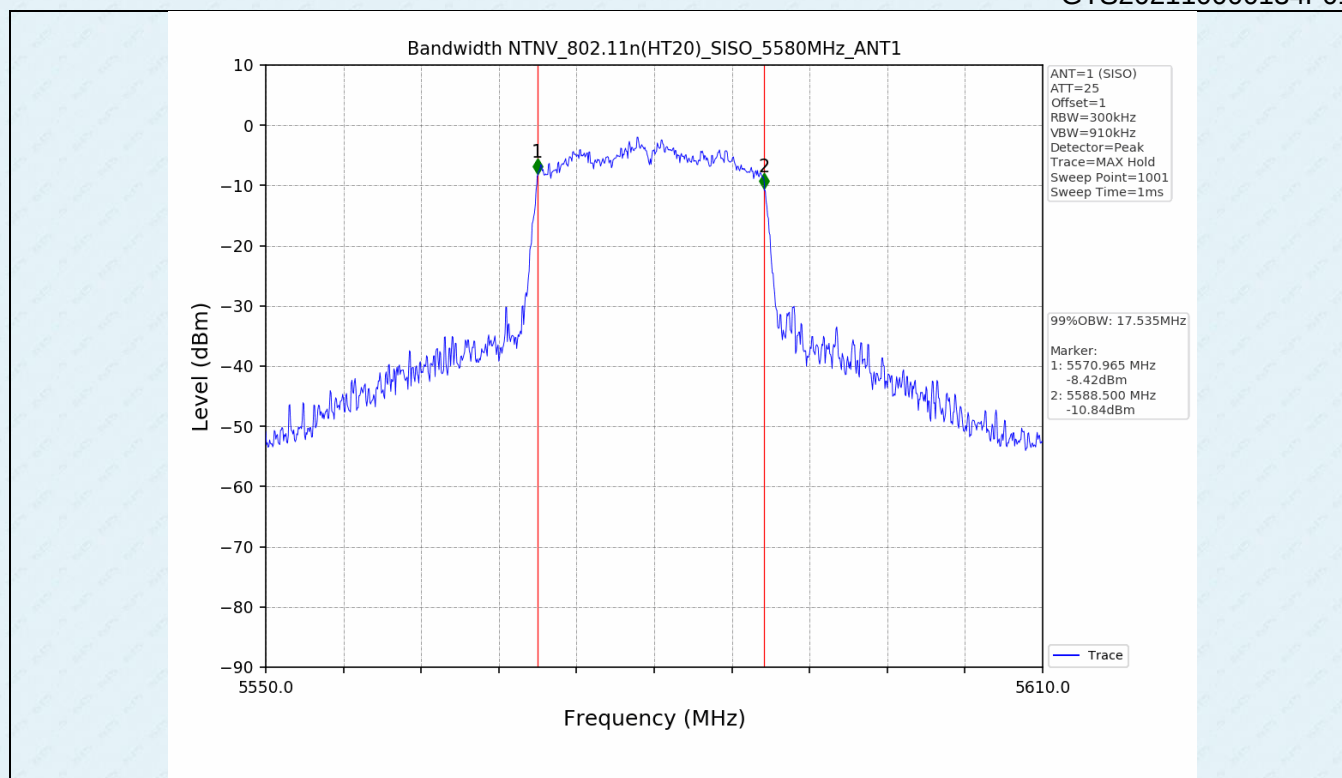


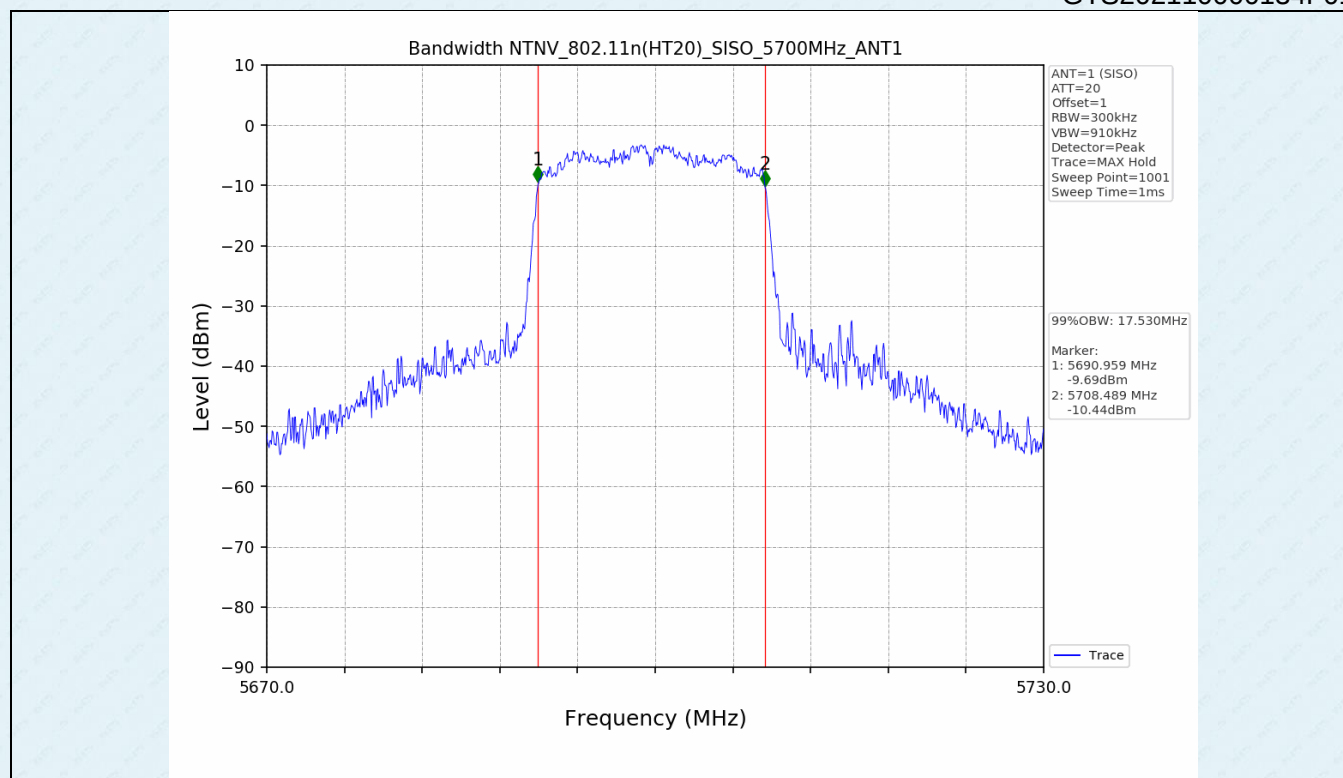












3. Maximum Conducted Output Power

3.1 Test Result

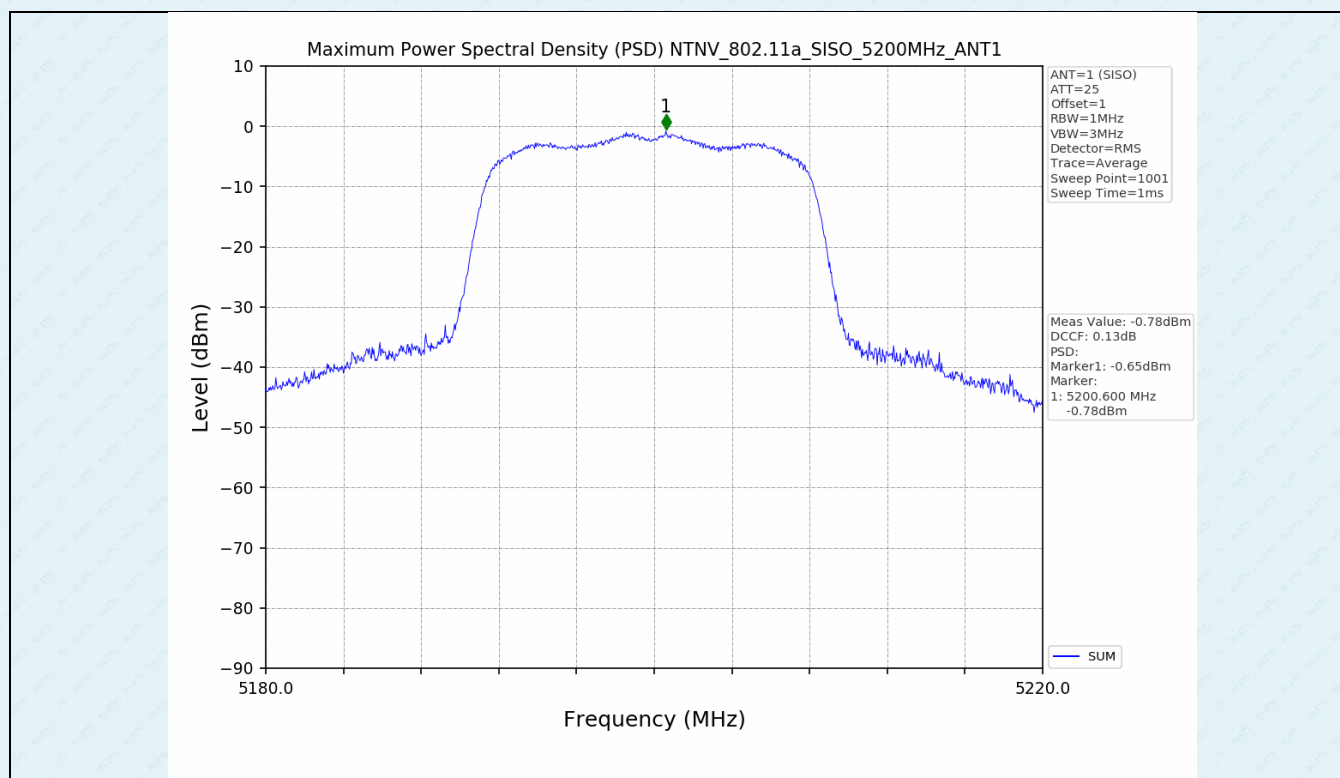
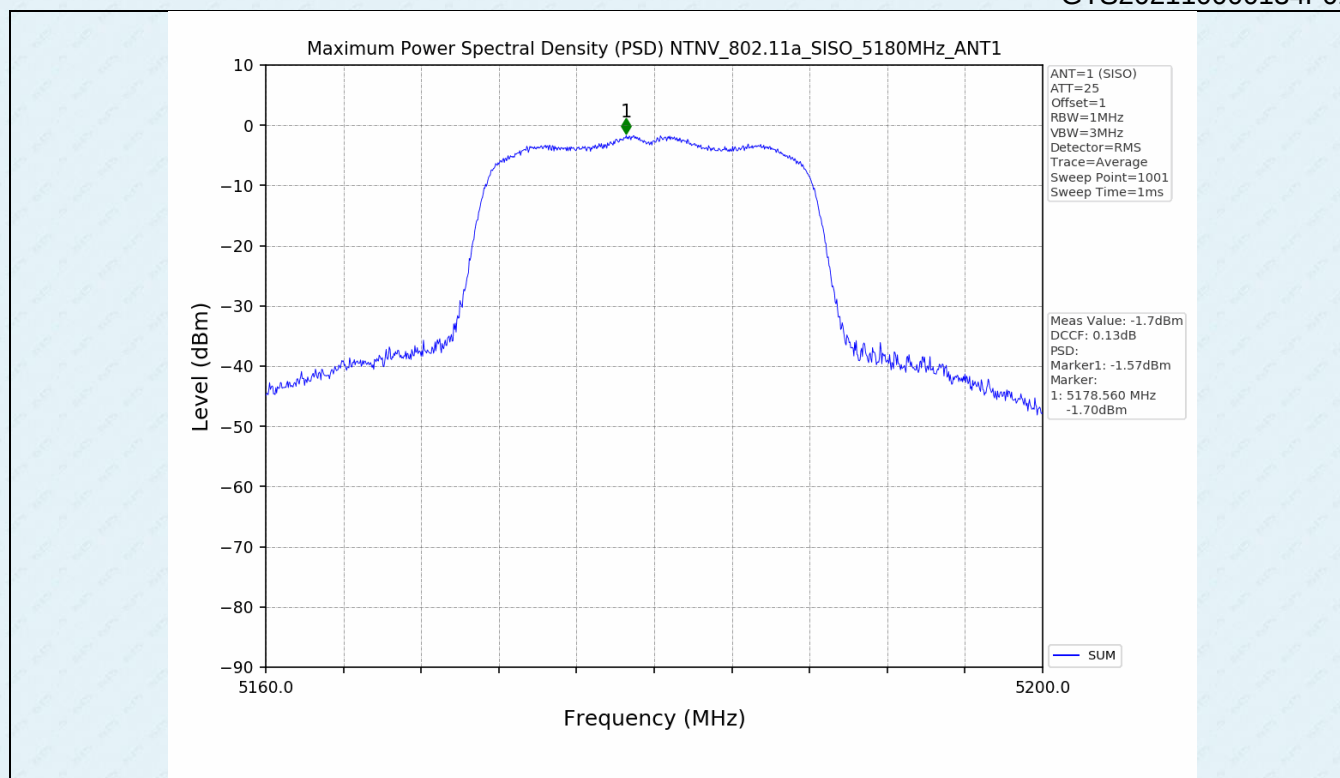
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	8.19	≤23.98	PASS
	5200	SISO	8.69	≤23.98	PASS
	5240	SISO	8.50	≤23.98	PASS
	5260	SISO	8.27	≤23.98	PASS
	5300	SISO	8.00	≤23.86	PASS
	5320	SISO	7.60	≤23.77	PASS
	5500	SISO	6.44	≤23.98	PASS
	5580	SISO	6.33	≤23.74	PASS
	5600	SISO	6.80	≤23.74	PASS
802.11n(HT20)	5700	SISO	6.41	≤23.74	PASS
	5180	SISO	6.83	≤23.98	PASS
	5200	SISO	7.27	≤23.98	PASS
	5240	SISO	7.11	≤23.98	PASS
	5260	SISO	6.89	≤23.78	PASS
	5300	SISO	6.58	≤23.78	PASS
	5320	SISO	6.12	≤23.82	PASS
	5500	SISO	7.34	≤23.80	PASS
	5580	SISO	7.14	≤23.81	PASS
	5600	SISO	7.34	≤23.78	PASS
	5700	SISO	6.92	≤23.93	PASS

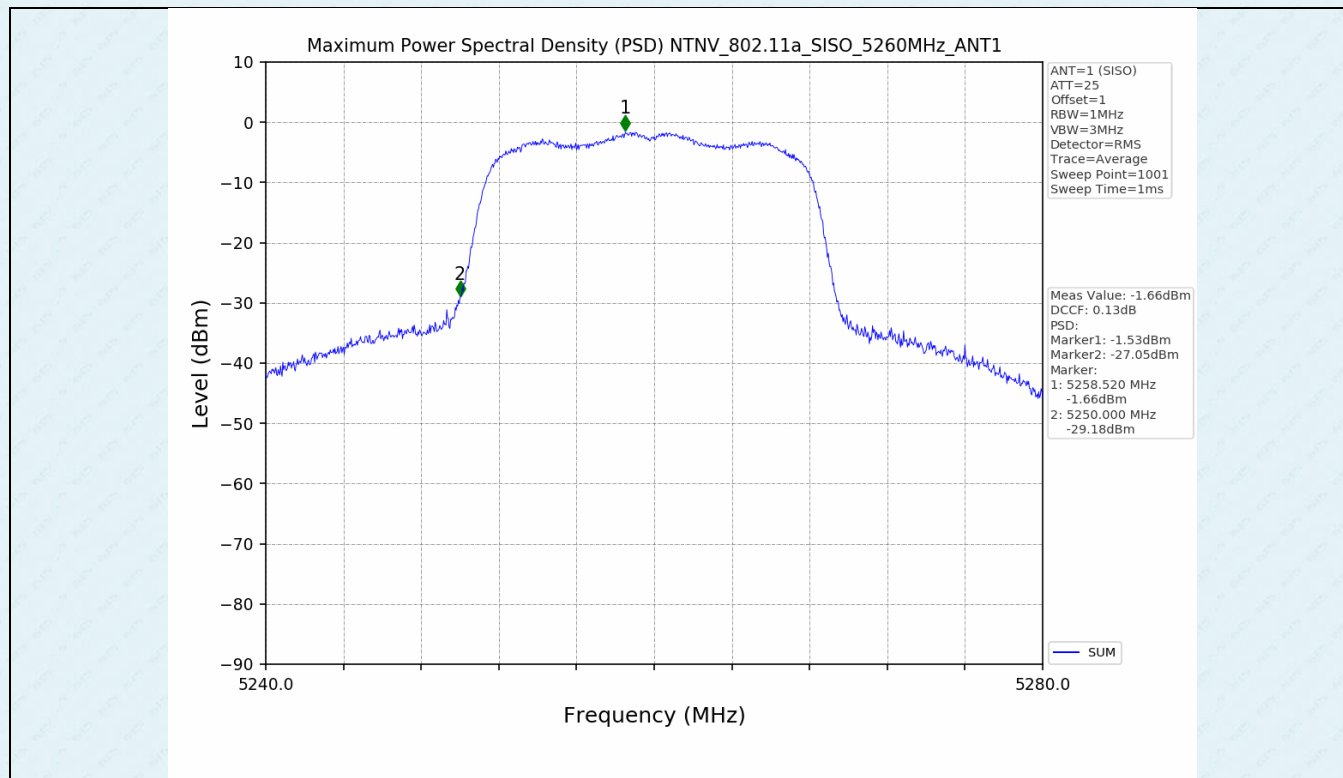
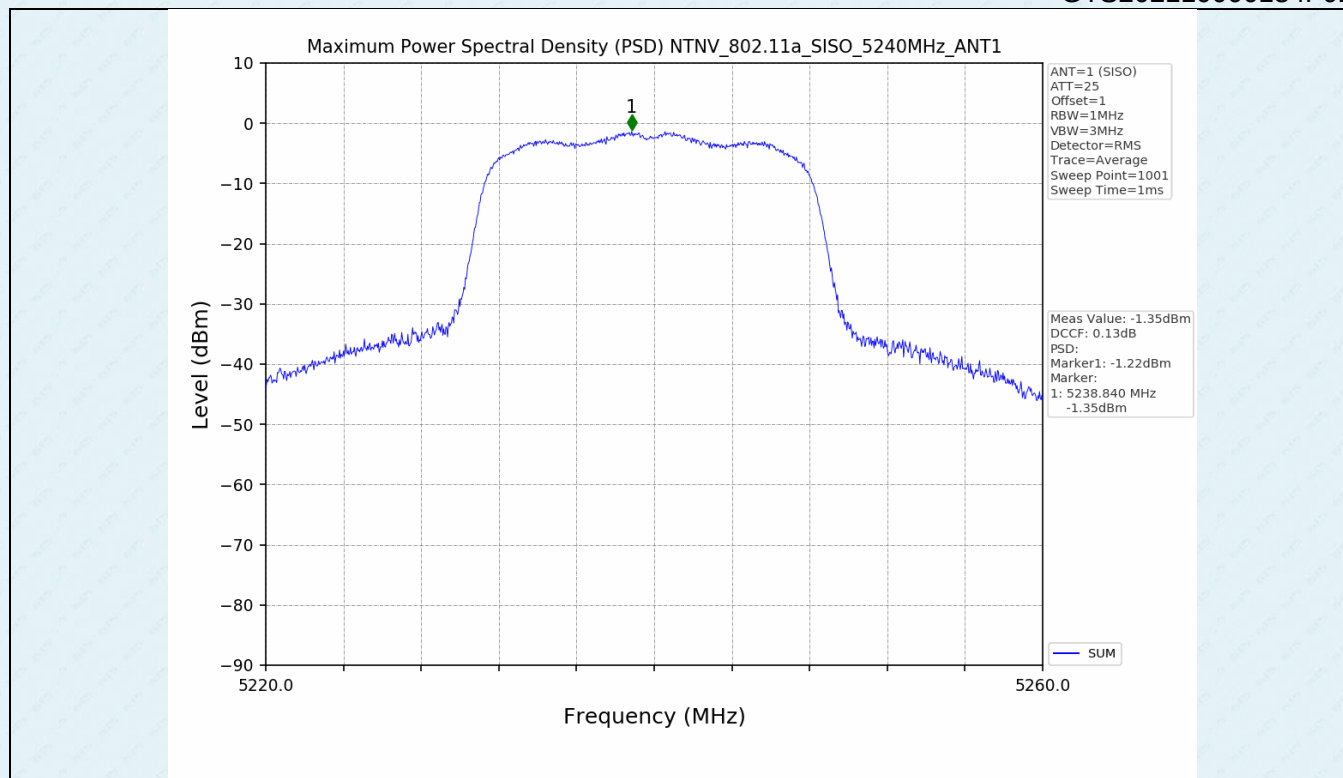
4. Maximum Power Spectral Density (PSD)

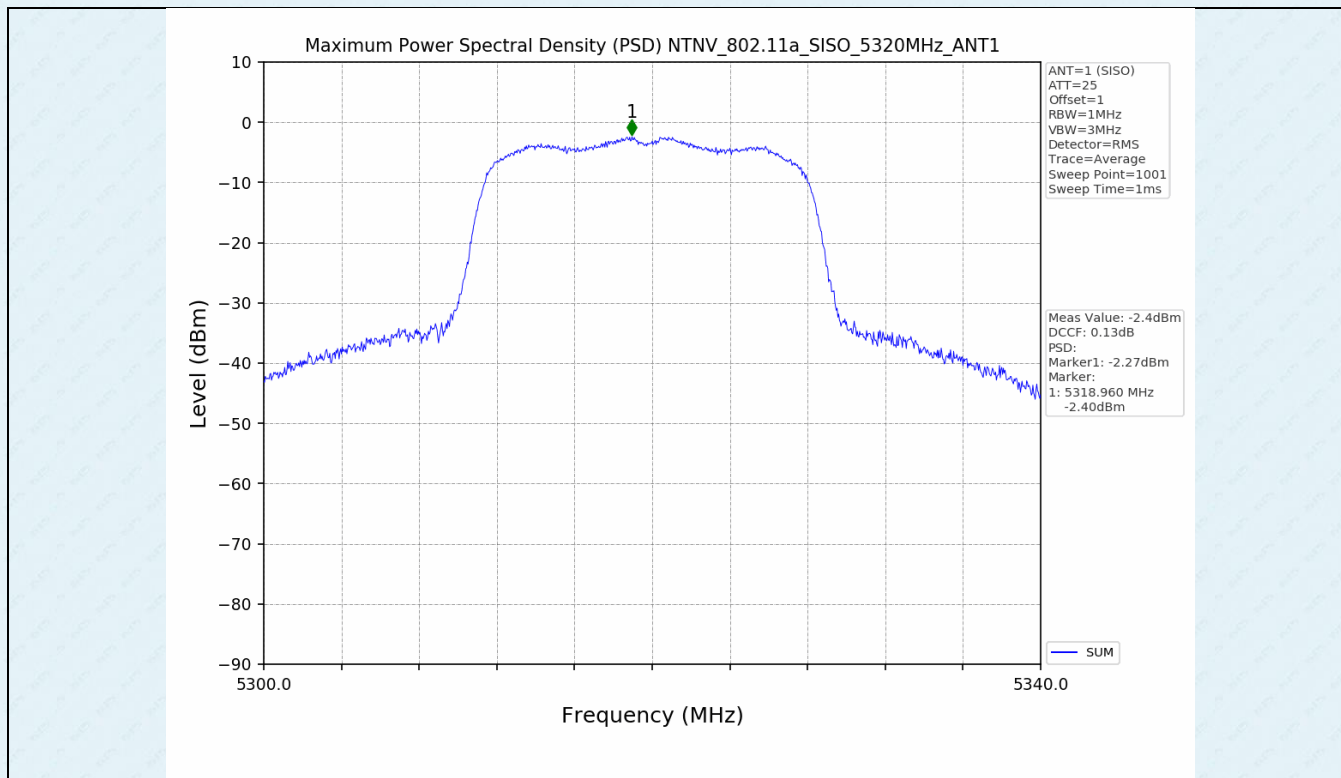
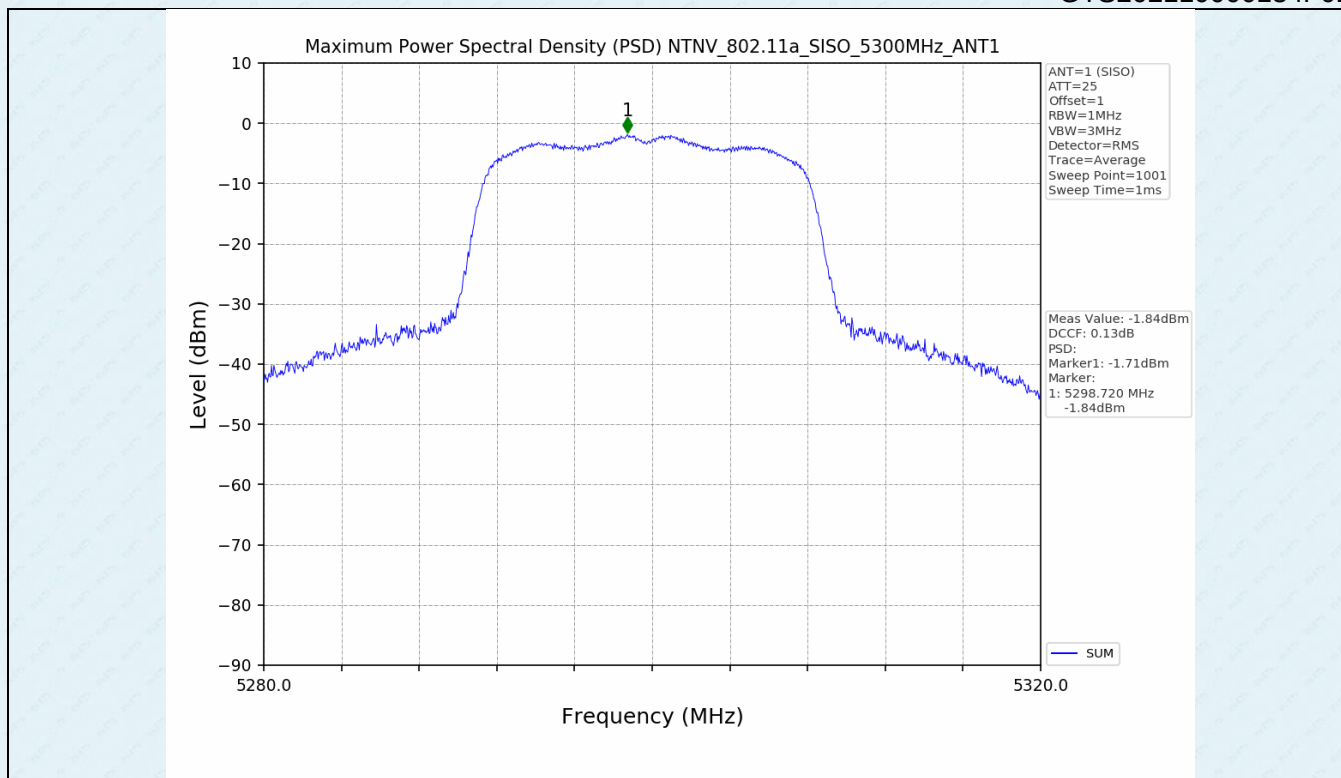
4.1 Test Result

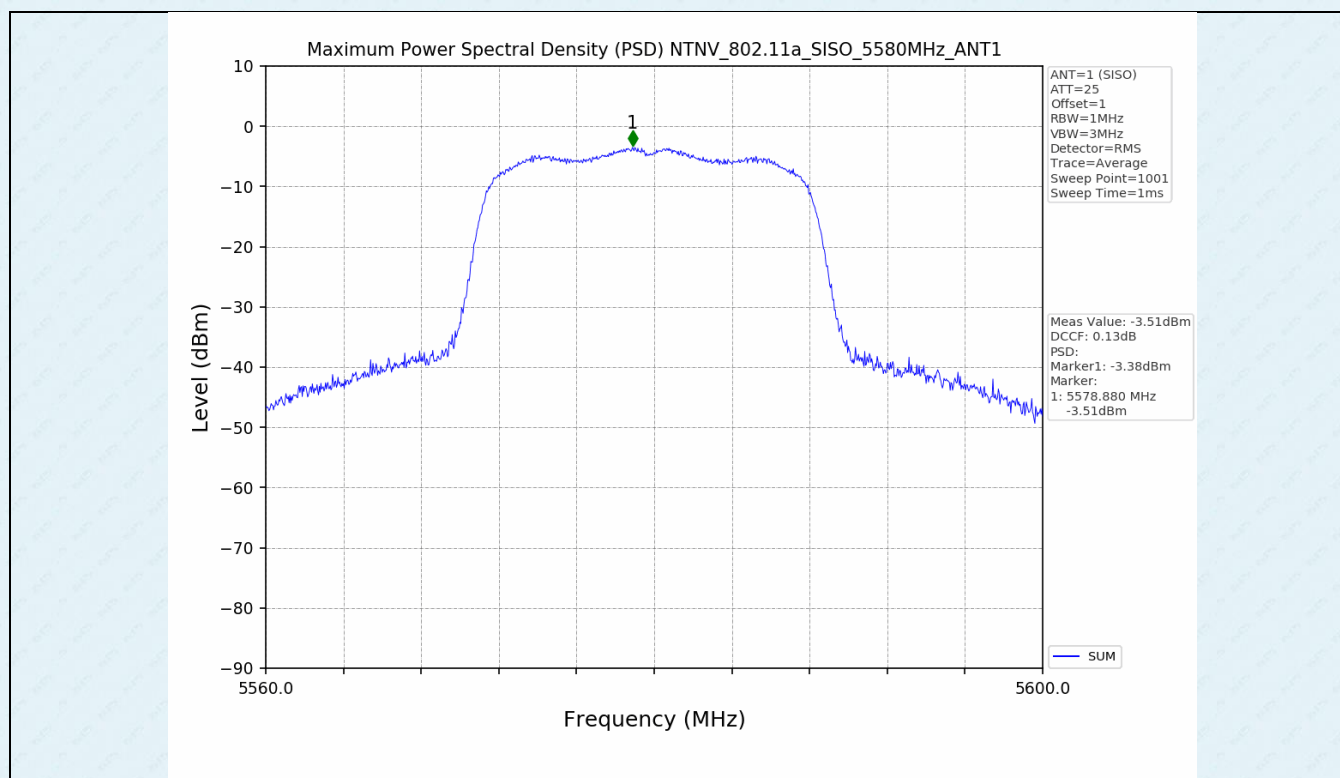
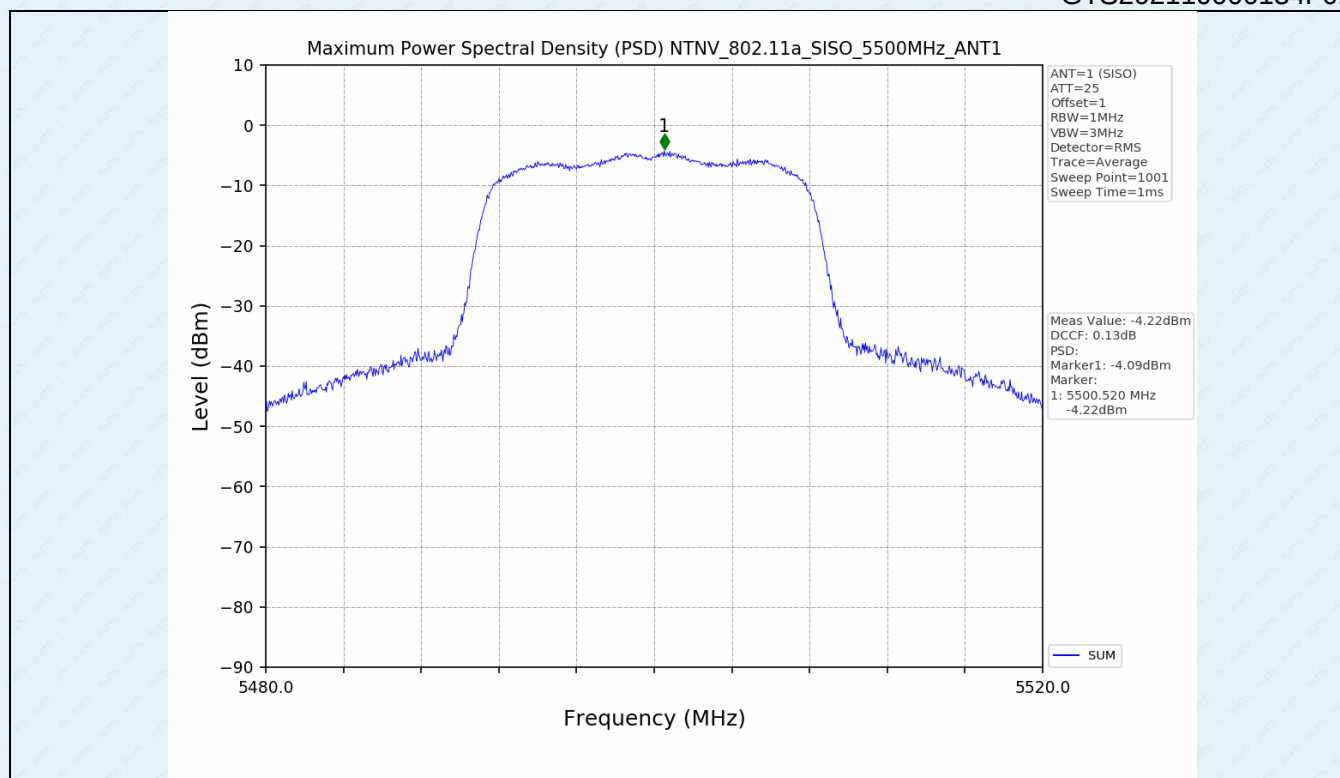
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	-1.57	≤11	PASS
	5200	SISO	-0.65	≤11	PASS
	5240	SISO	-1.22	≤11	PASS
	5260	SISO	-1.53	≤11	PASS
	5300	SISO	-1.71	≤11	PASS
	5320	SISO	-2.27	≤11	PASS
	5500	SISO	-4.09	≤11	PASS
	5580	SISO	-3.38	≤11	PASS
	5600	SISO	-2.70	≤11	PASS
802.11n(HT20)	5700	SISO	-3.14	≤11	PASS
	5180	SISO	-2.98	≤11	PASS
	5200	SISO	-2.66	≤11	PASS
	5240	SISO	-2.76	≤11	PASS
	5260	SISO	-2.93	≤11	PASS
	5300	SISO	-3.12	≤11	PASS
	5320	SISO	-3.70	≤11	PASS
	5500	SISO	-5.25	≤11	PASS
	5580	SISO	-4.75	≤11	PASS
	5600	SISO	-4.57	≤11	PASS
	5700	SISO	-4.98	≤11	PASS

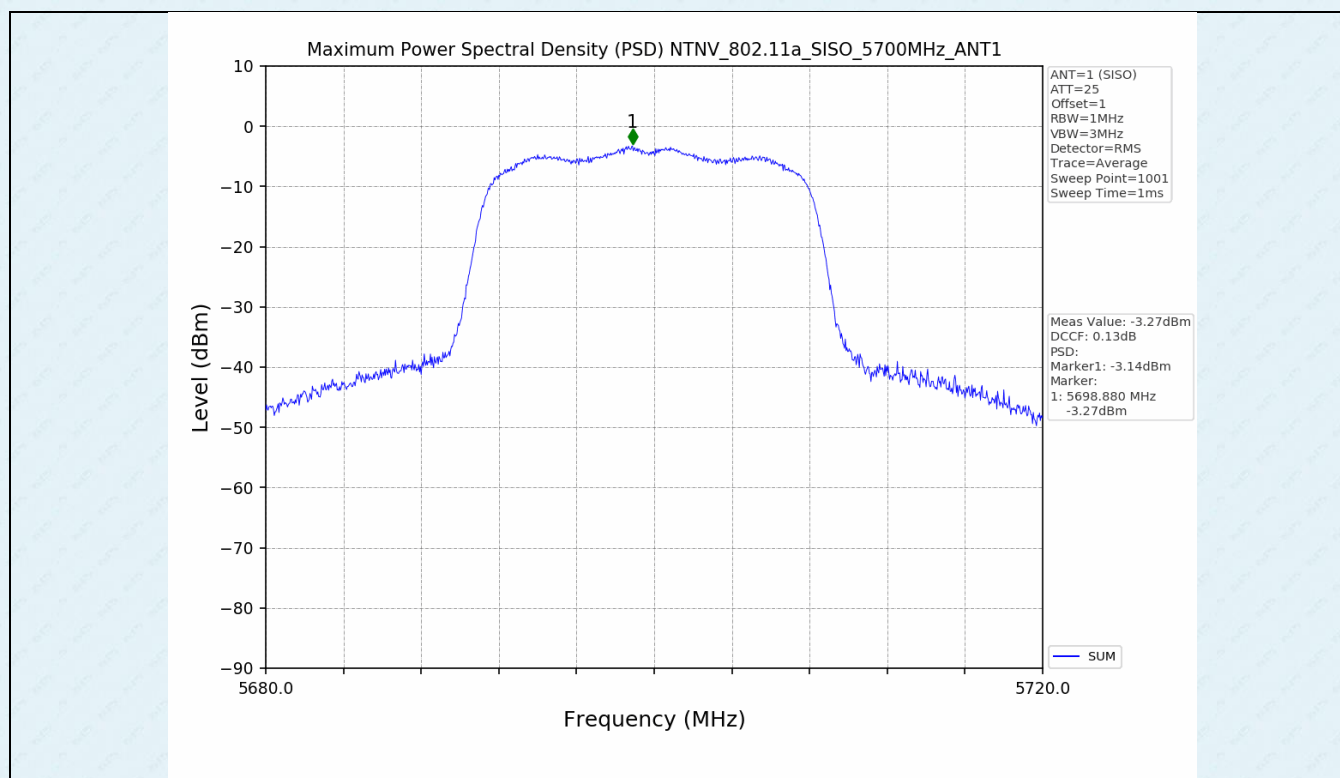
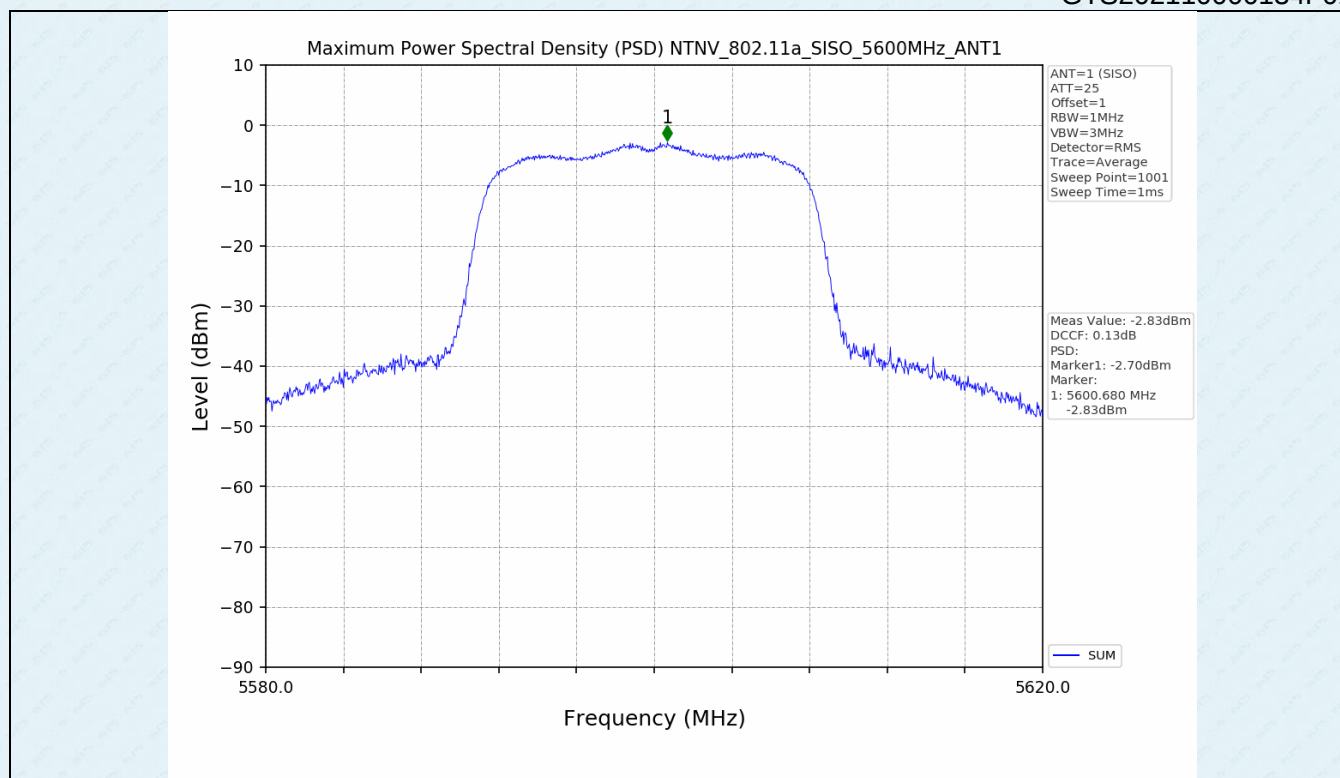
4.2 Test Graph

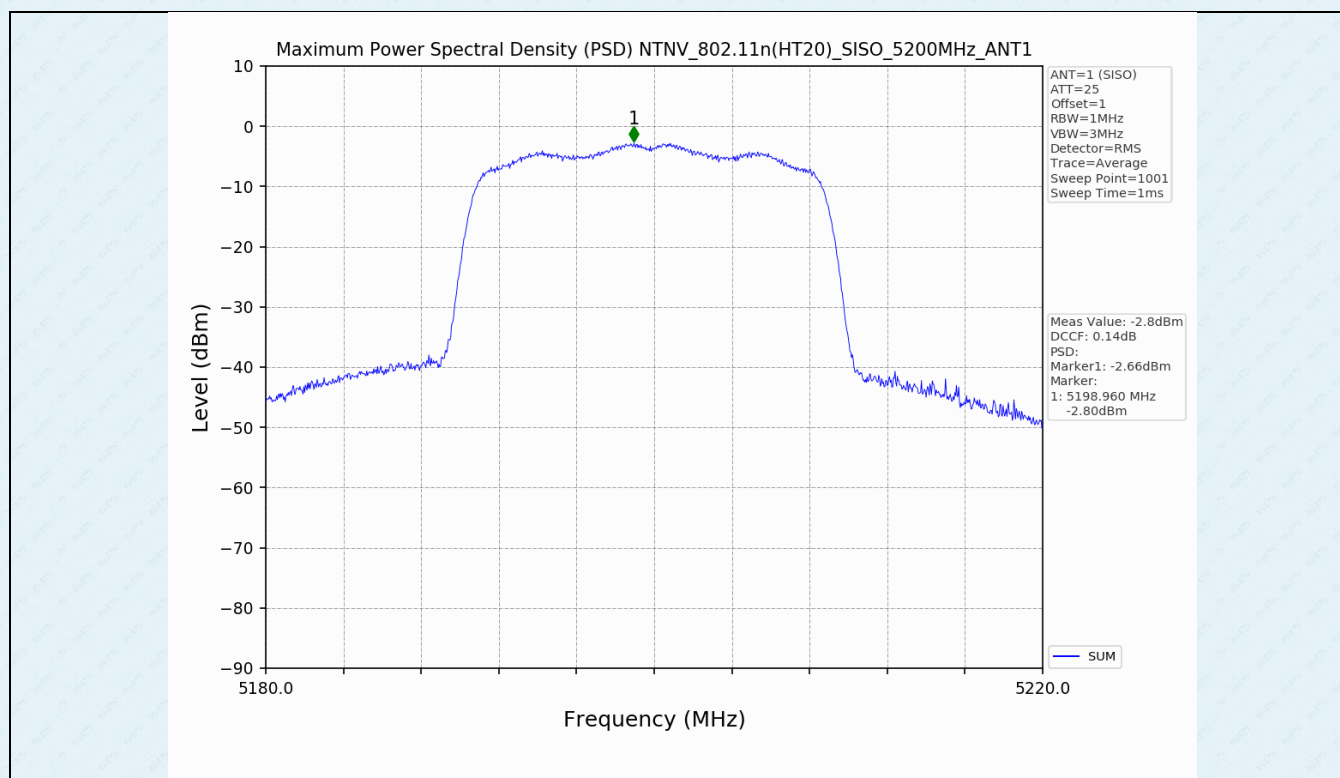
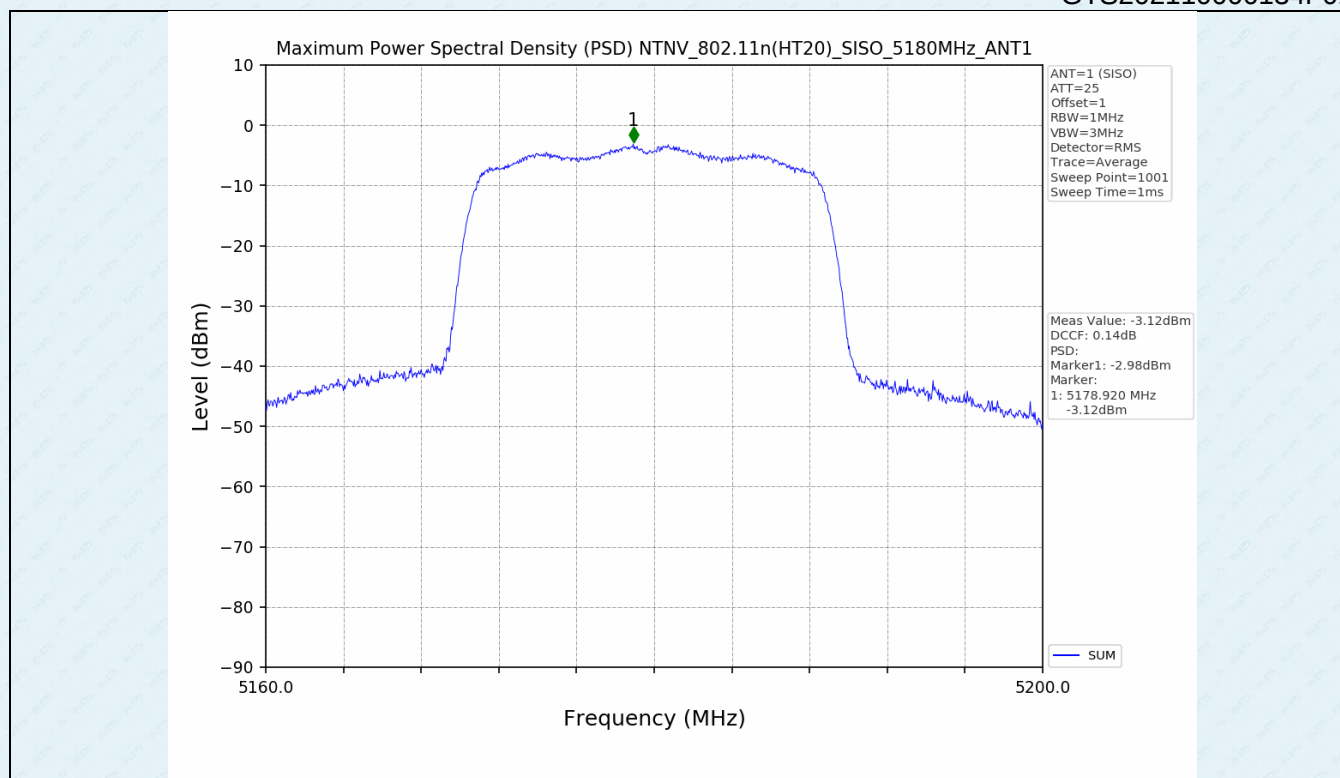


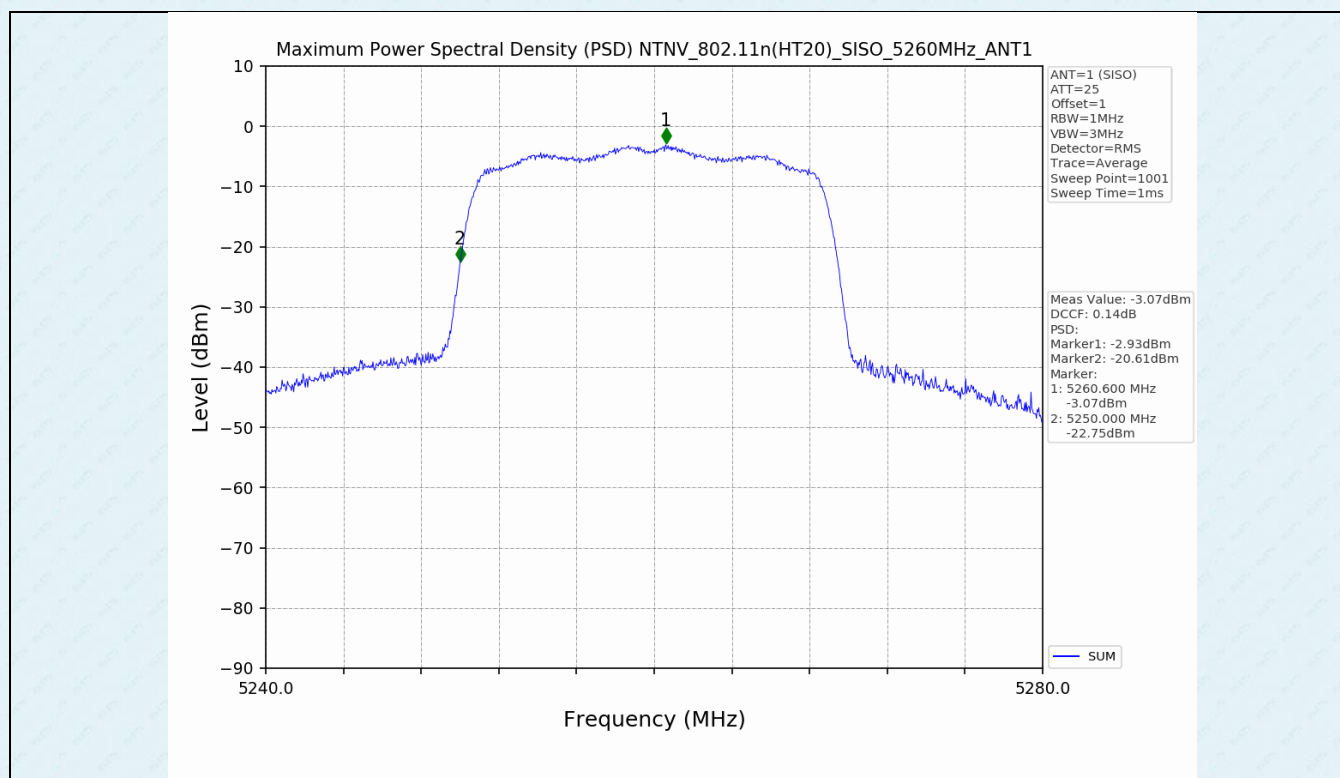
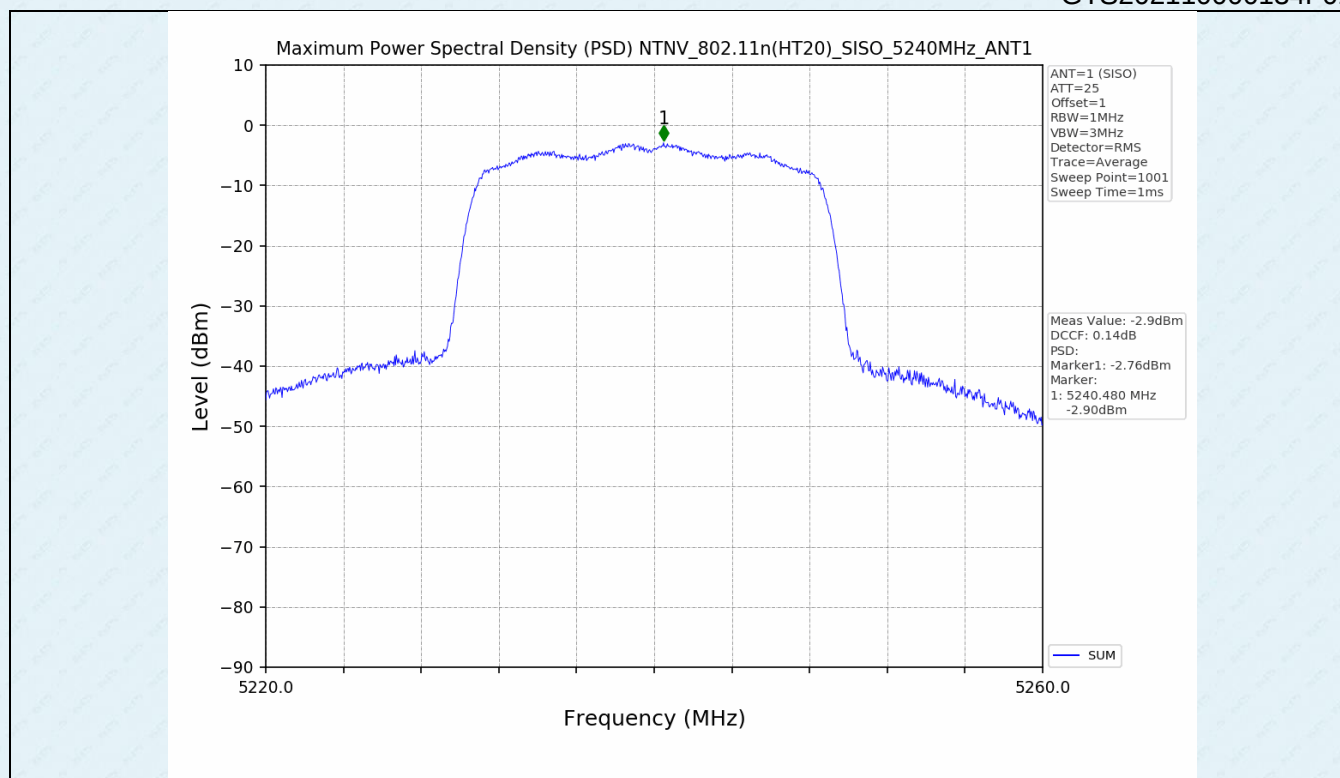


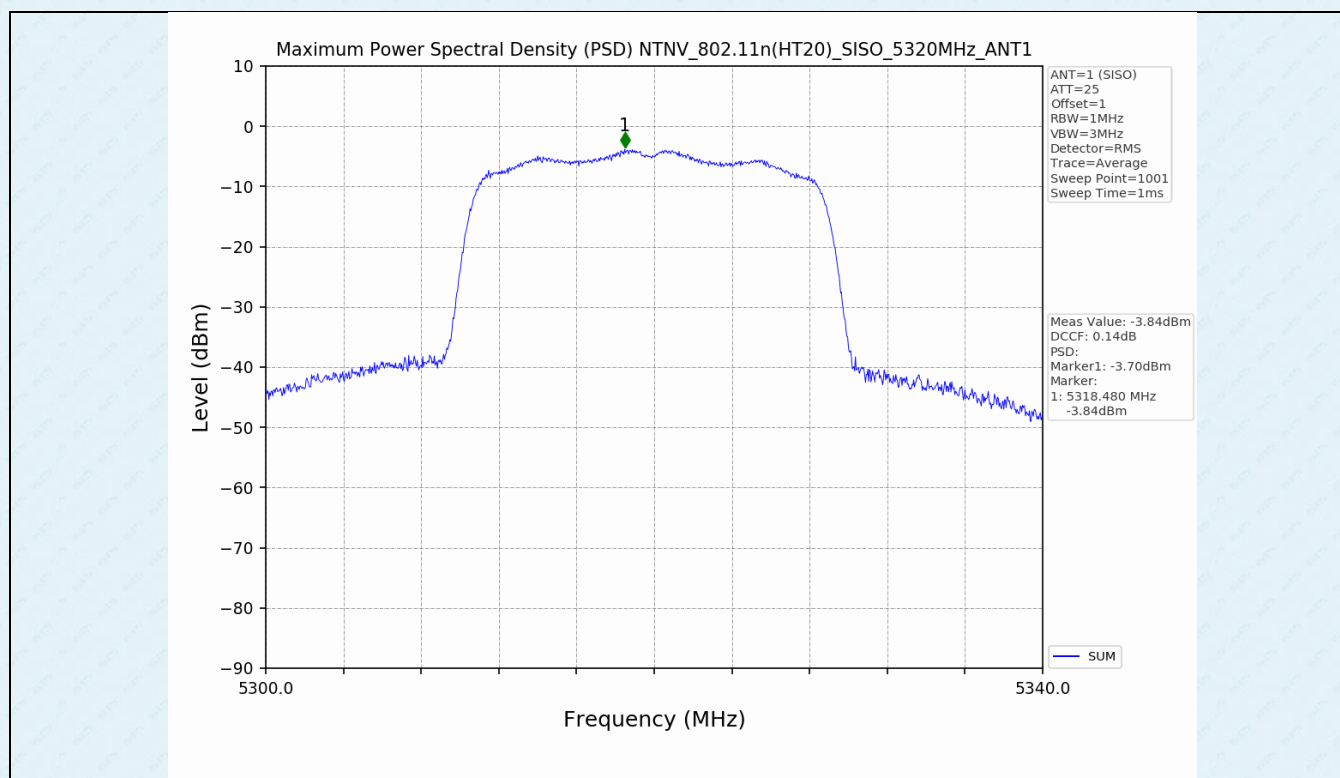
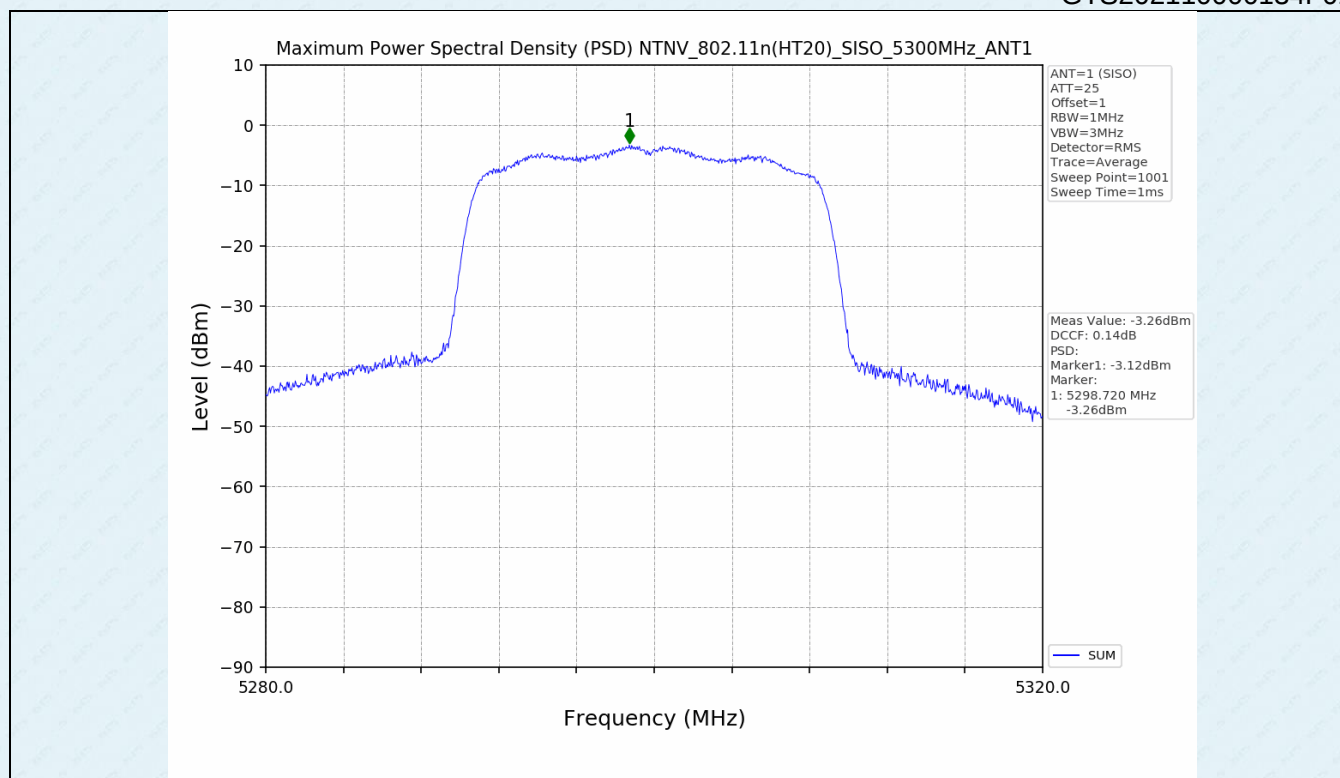


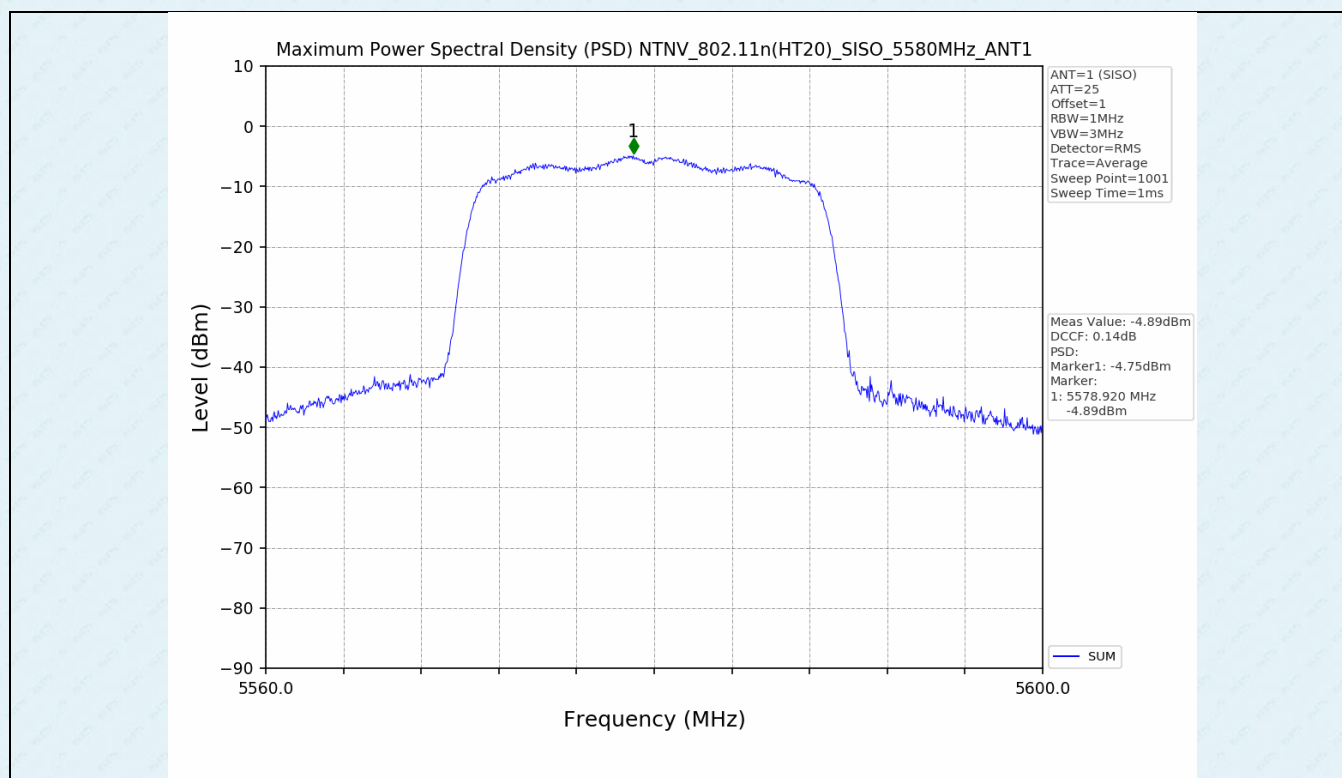
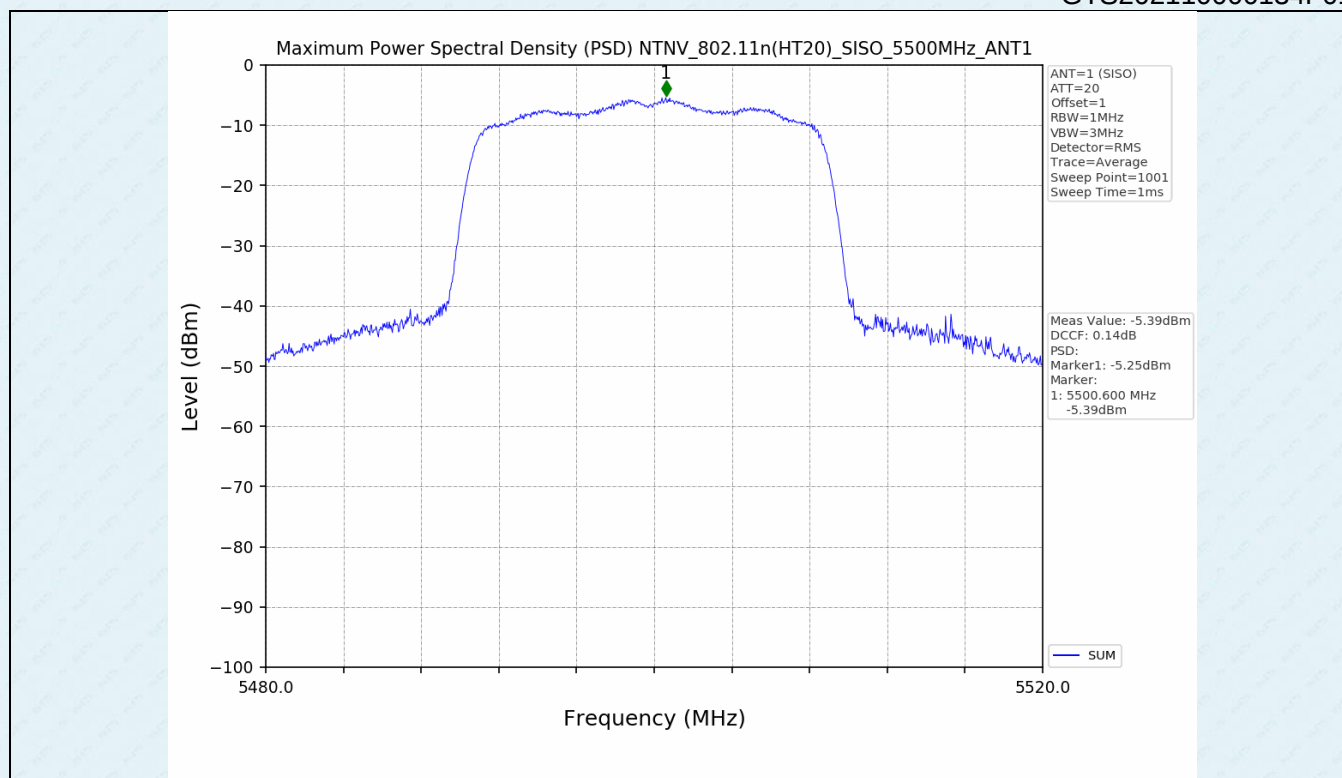


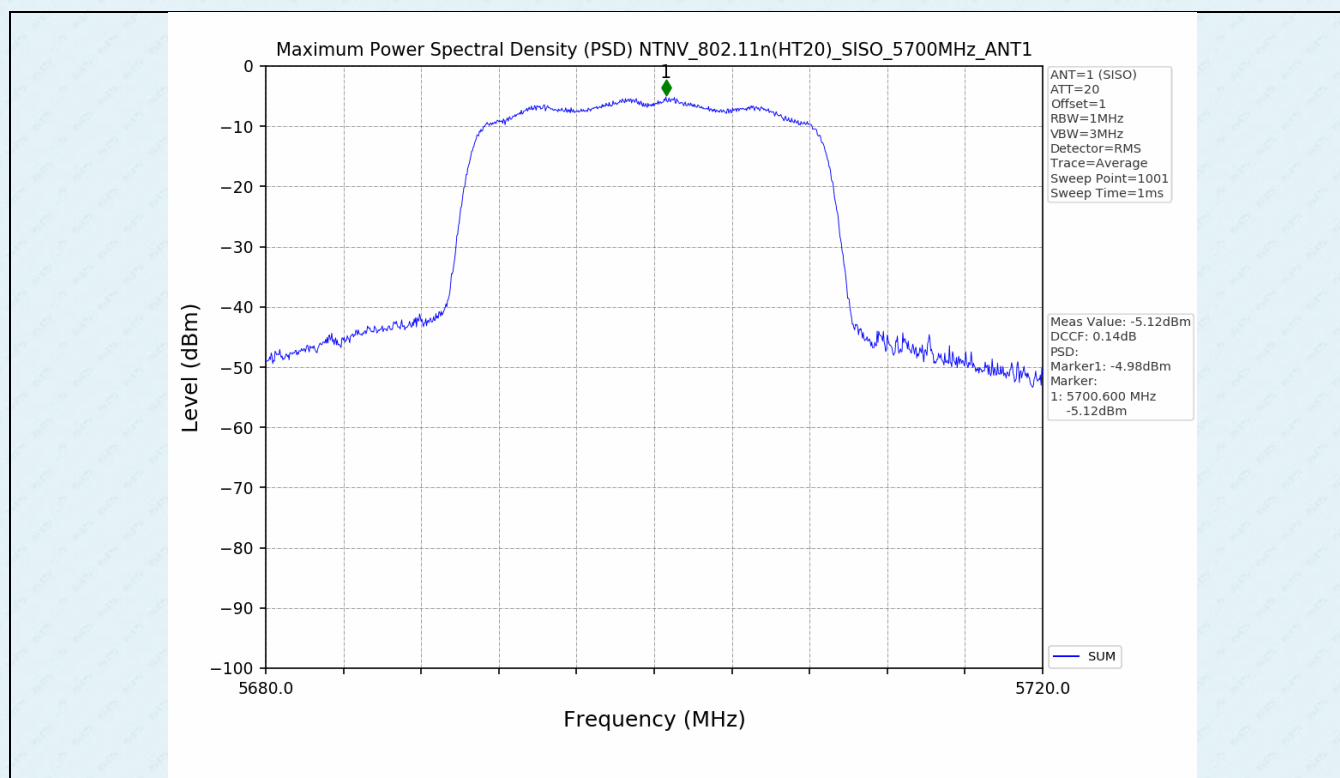
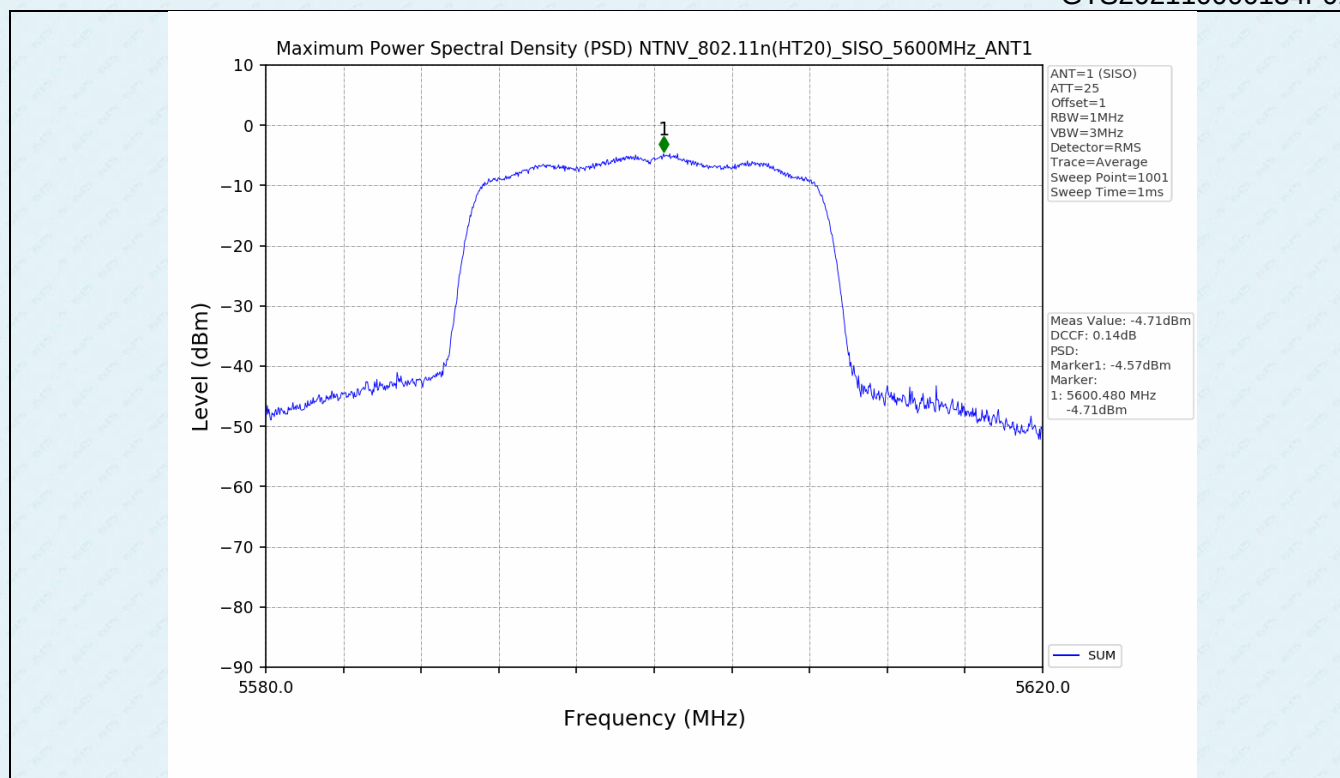












5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5180	1	-57.34	<=20	PASS
		5200	1	-57.31	<=20	PASS
		5240	1	-57.44	<=20	PASS
		5260	1	-57.41	<=20	PASS
		5300	1	-57.36	<=20	PASS
		5320	1	-57.33	<=20	PASS
		5500	1	-57.45	<=20	PASS
		5580	1	-57.35	<=20	PASS
		5600	1	-57.32	<=20	PASS
		5700	1	-57.37	<=20	PASS

-----End-----