

Appendix for 15.407

1. Bandwidth

1.1 Test Result

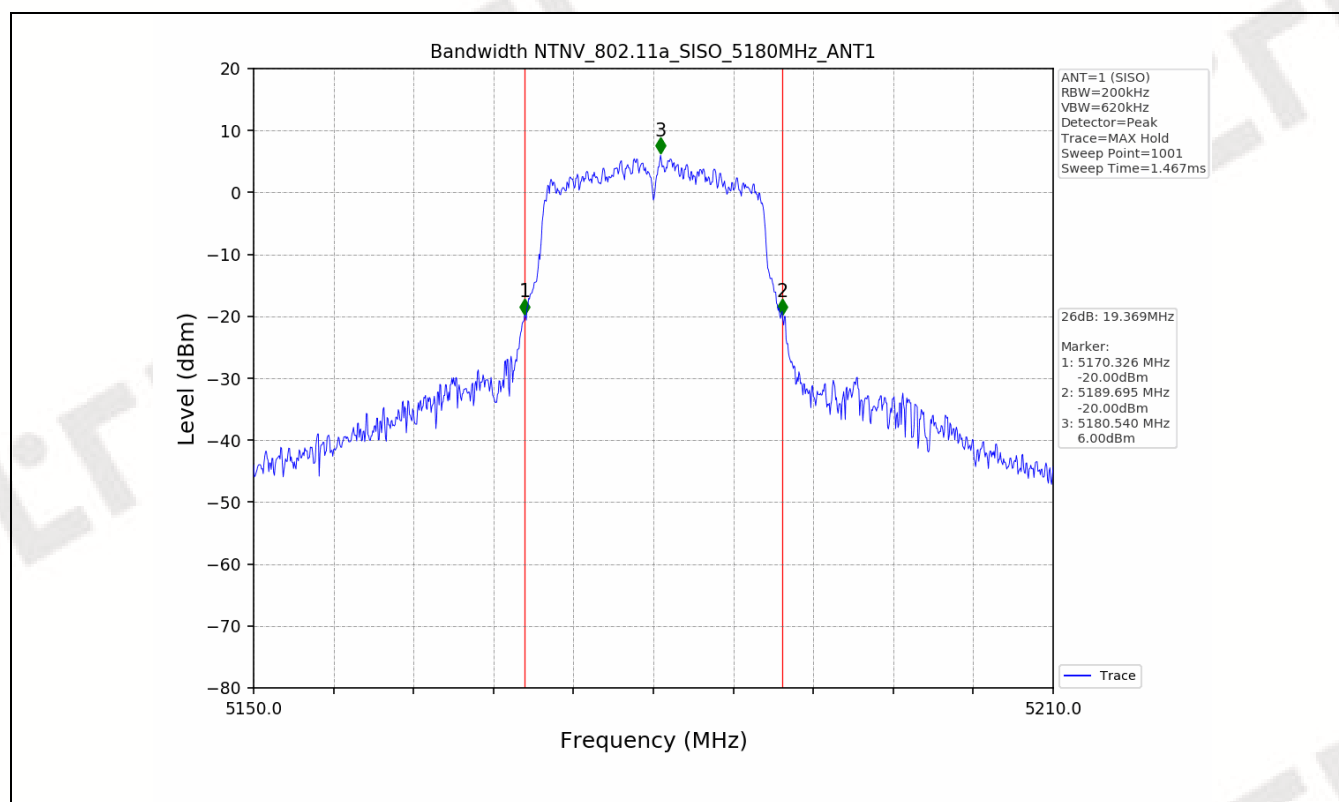
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	19.369	Only for Report Use	PASS
	5200	SISO	1	19.524	Only for Report Use	PASS
	5240	SISO	1	19.528	Only for Report Use	PASS
	5260	SISO	1	19.497	Only for Report Use	PASS
	5300	SISO	1	19.443	Only for Report Use	PASS
	5320	SISO	1	19.589	Only for Report Use	PASS
802.11n(HT20)	5180	SISO	1	19.591	Only for Report Use	PASS
	5200	SISO	1	19.906	Only for Report Use	PASS
	5240	SISO	1	19.706	Only for Report Use	PASS
	5260	SISO	1	19.750	Only for Report Use	PASS
	5300	SISO	1	19.696	Only for Report Use	PASS
	5320	SISO	1	19.891	Only for Report Use	PASS
802.11ac(VHT20)	5180	SISO	1	19.695	Only for Report Use	PASS
	5200	SISO	1	19.724	Only for Report Use	PASS
	5240	SISO	1	19.811	Only for Report Use	PASS
	5260	SISO	1	19.809	Only for Report Use	PASS
	5300	SISO	1	19.679	Only for Report Use	PASS
	5320	SISO	1	19.863	Only for Report Use	PASS

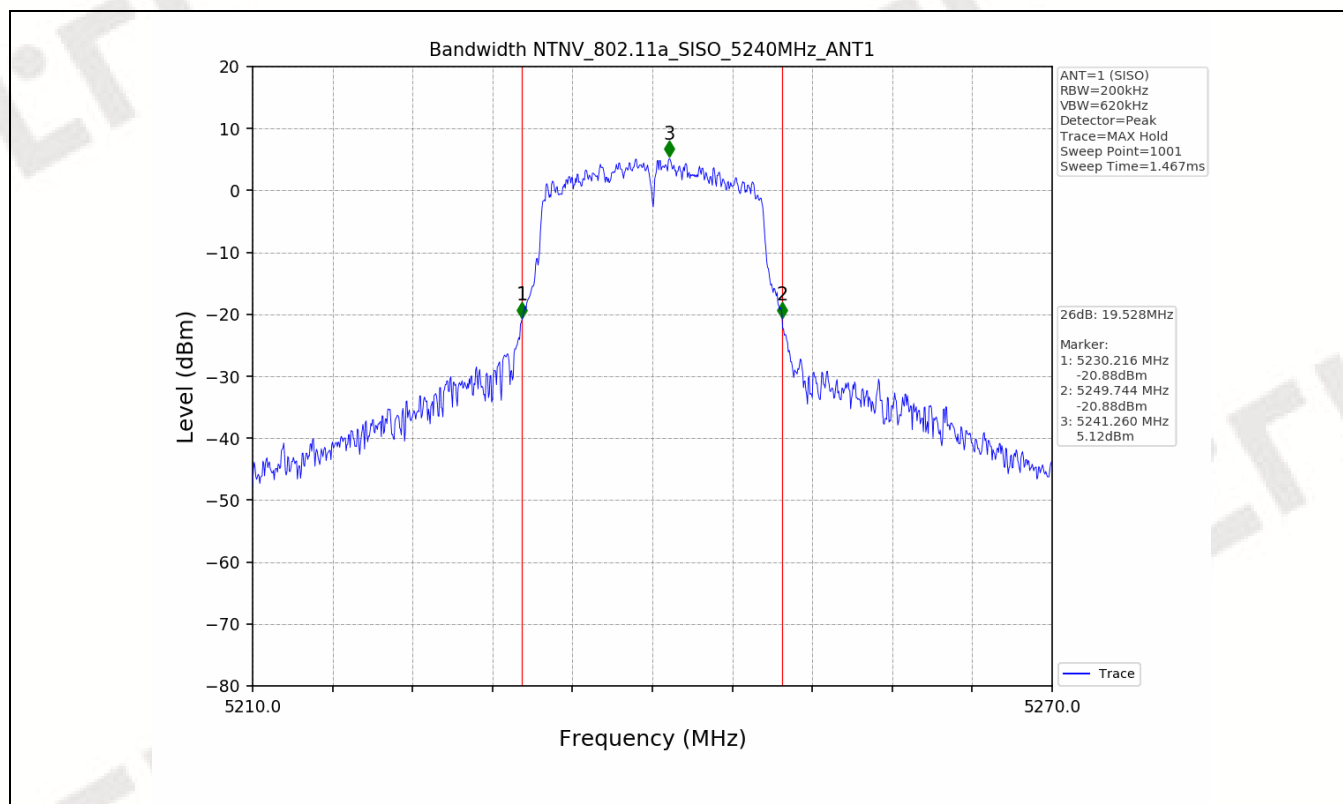
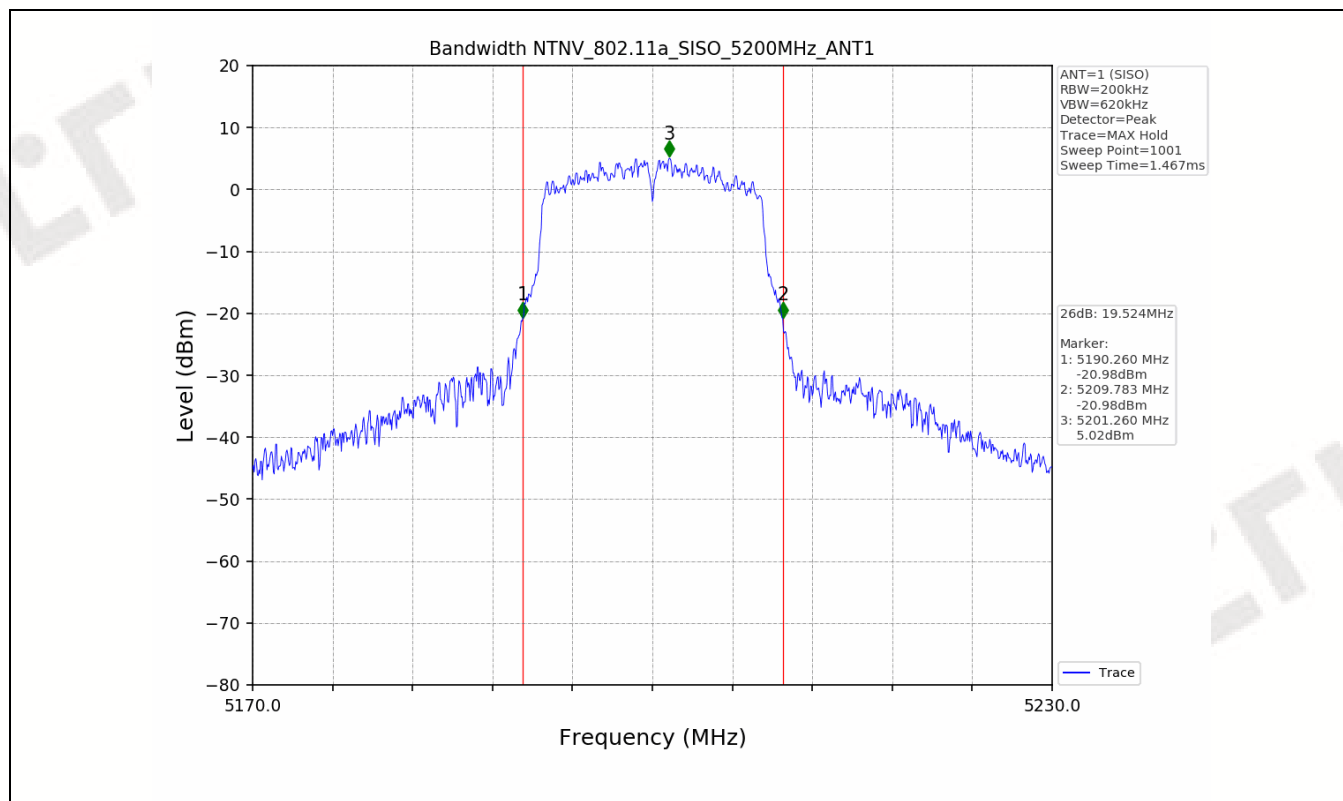
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.514	≥0.5	PASS
	5785	SISO	1	15.172	≥0.5	PASS
	5825	SISO	1	15.166	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.162	≥0.5	PASS
	5785	SISO	1	15.150	≥0.5	PASS
	5825	SISO	1	15.166	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	15.164	≥0.5	PASS
	5785	SISO	1	15.167	≥0.5	PASS
	5825	SISO	1	15.164	≥0.5	PASS

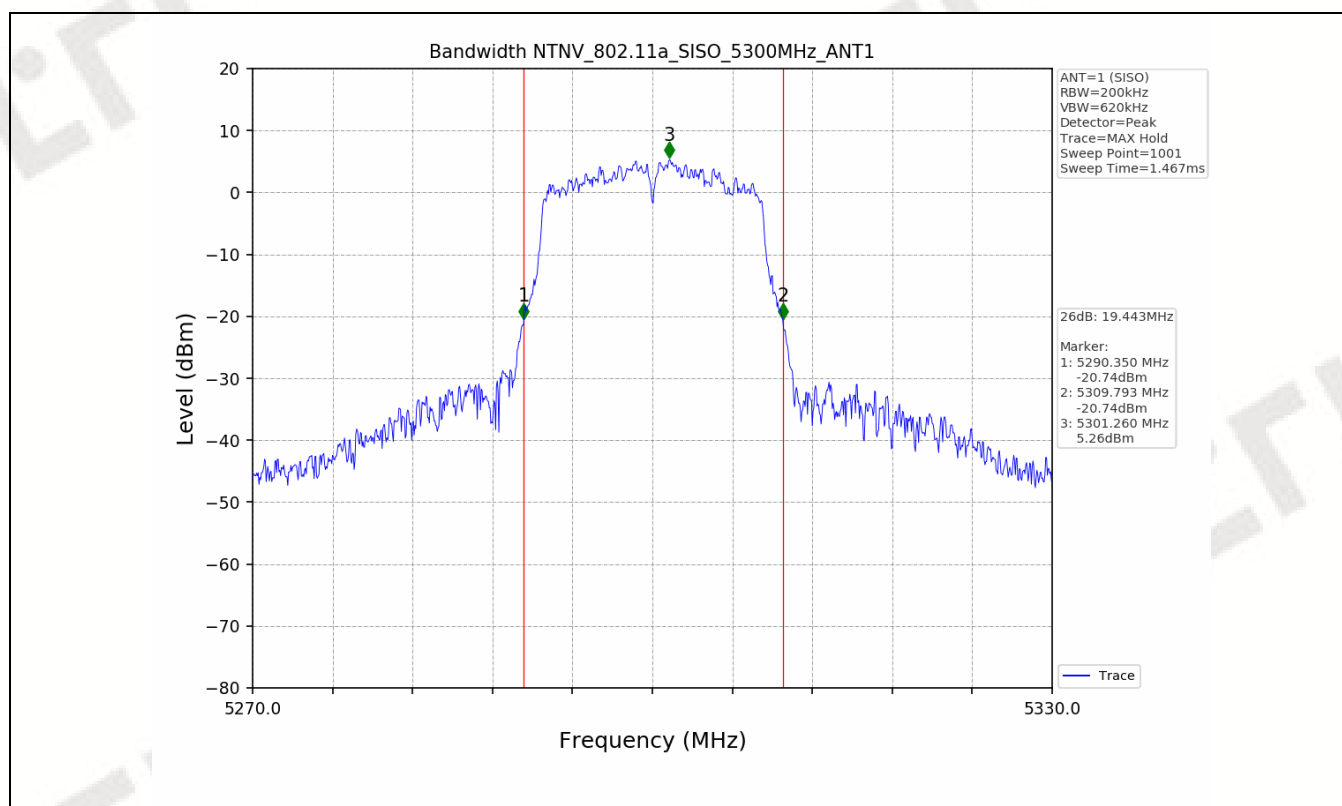
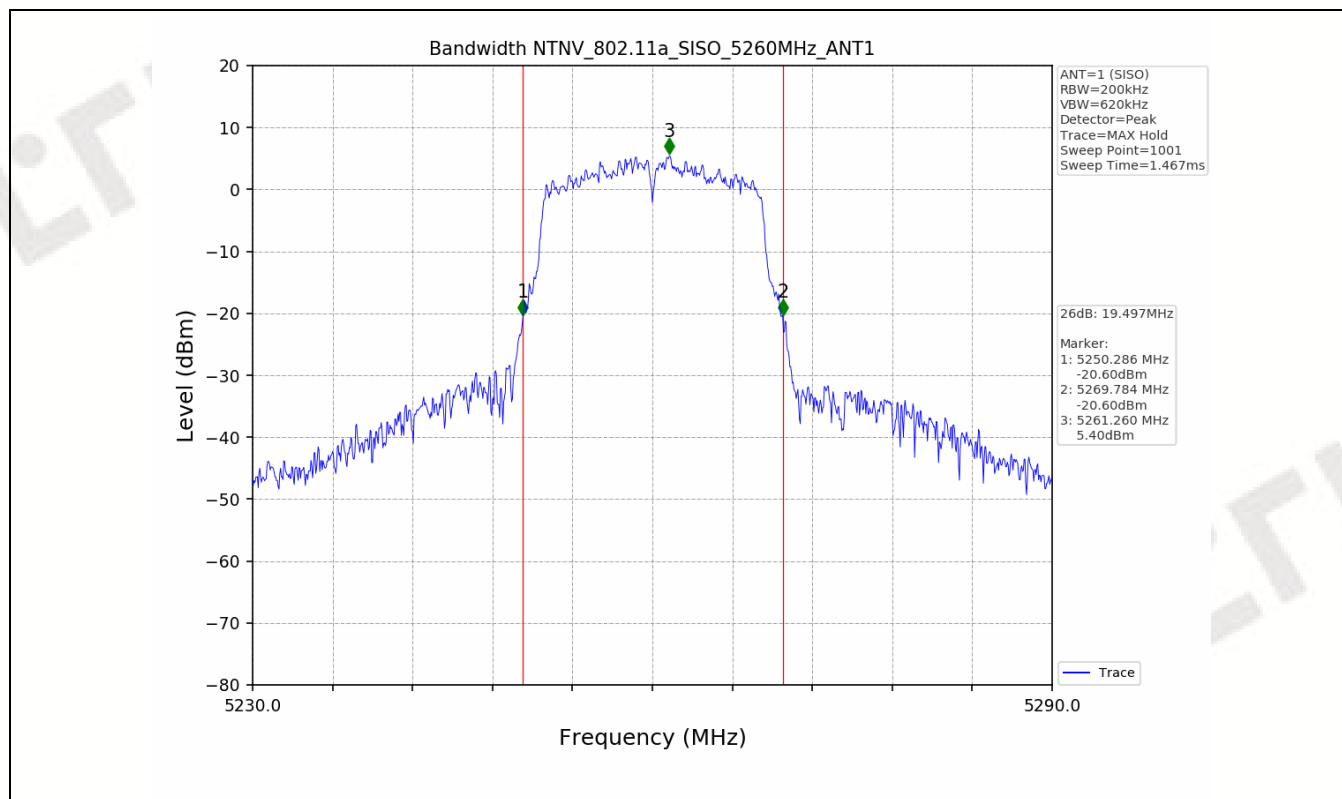
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.563	Only for Report Use
	5200	SISO	1	16.556	Only for Report Use
	5240	SISO	1	16.532	Only for Report Use
	5260	SISO	1	16.530	Only for Report Use
	5300	SISO	1	16.503	Only for Report Use
	5320	SISO	1	16.543	Only for Report Use
	5745	SISO	1	16.574	Only for Report Use
	5785	SISO	1	16.561	Only for Report Use
	5825	SISO	1	16.548	Only for Report Use
802.11n(HT20)	5180	SISO	1	17.552	Only for Report Use
	5200	SISO	1	17.575	Only for Report Use
	5240	SISO	1	17.607	Only for Report Use
	5260	SISO	1	17.612	Only for Report Use
	5300	SISO	1	17.587	Only for Report Use
	5320	SISO	1	17.614	Only for Report Use

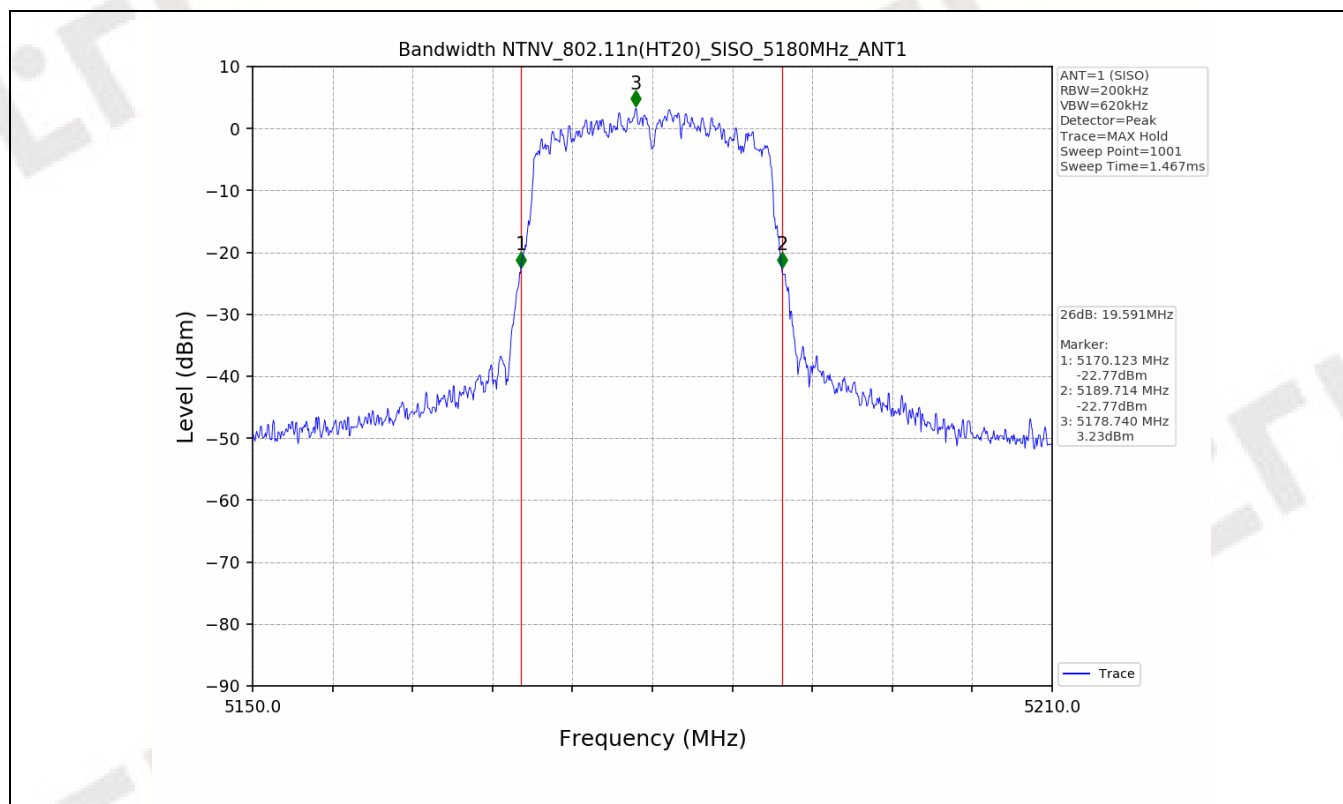
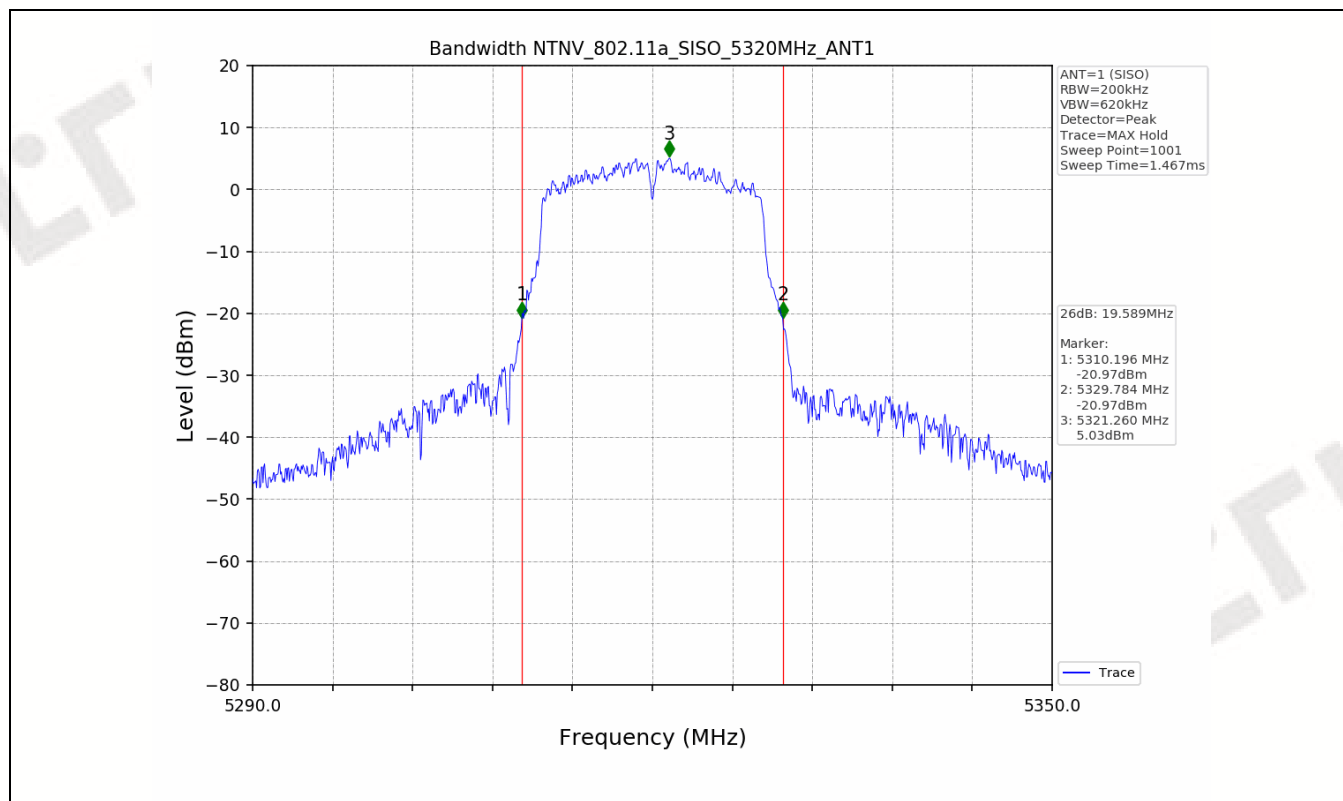
802.11ac(VHT20)	5745	SISO	1	17.586	Only for Report Use
	5785	SISO	1	17.624	Only for Report Use
	5825	SISO	1	17.599	Only for Report Use
	5180	SISO	1	17.609	Only for Report Use
	5200	SISO	1	17.643	Only for Report Use
	5240	SISO	1	17.570	Only for Report Use
	5260	SISO	1	17.610	Only for Report Use
	5300	SISO	1	17.554	Only for Report Use
	5320	SISO	1	17.622	Only for Report Use
	5745	SISO	1	17.617	Only for Report Use
	5785	SISO	1	17.594	Only for Report Use
	5825	SISO	1	16.566	Only for Report Use

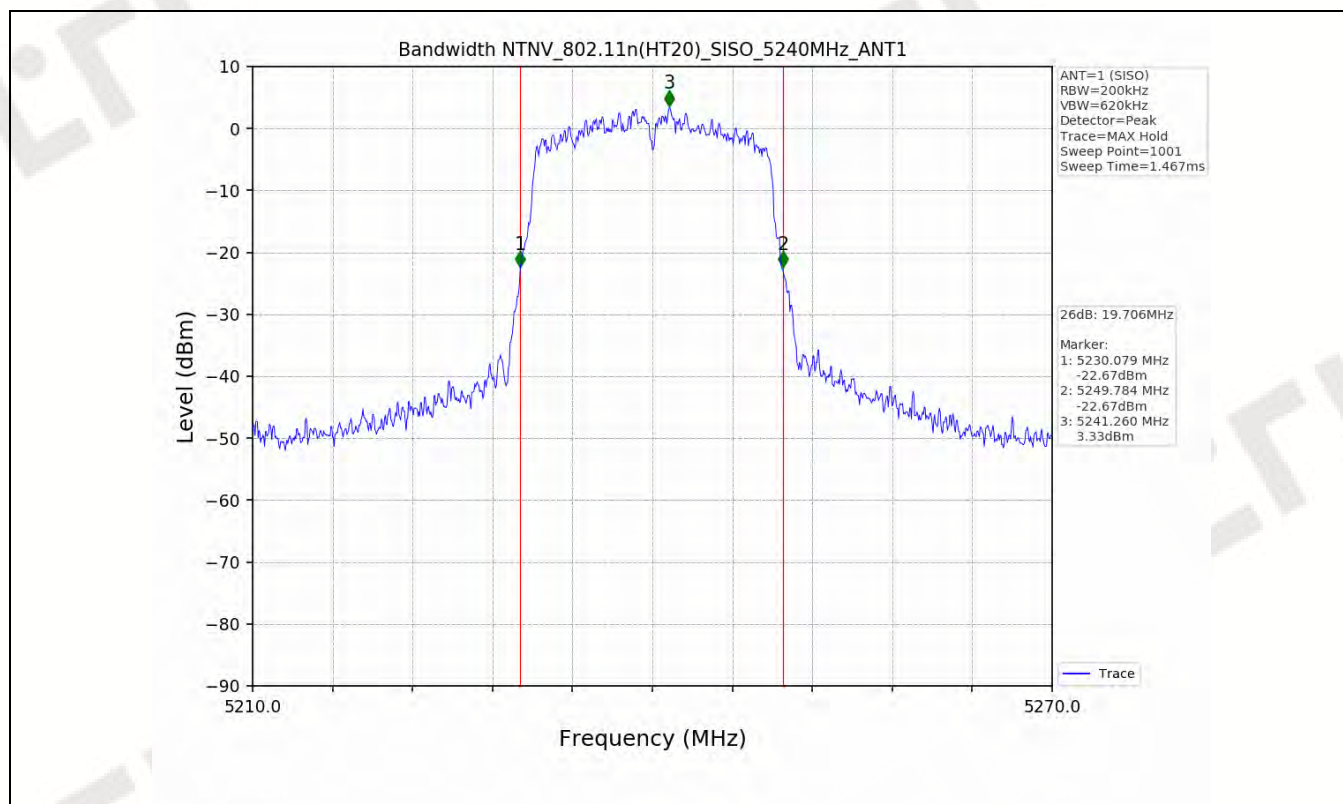
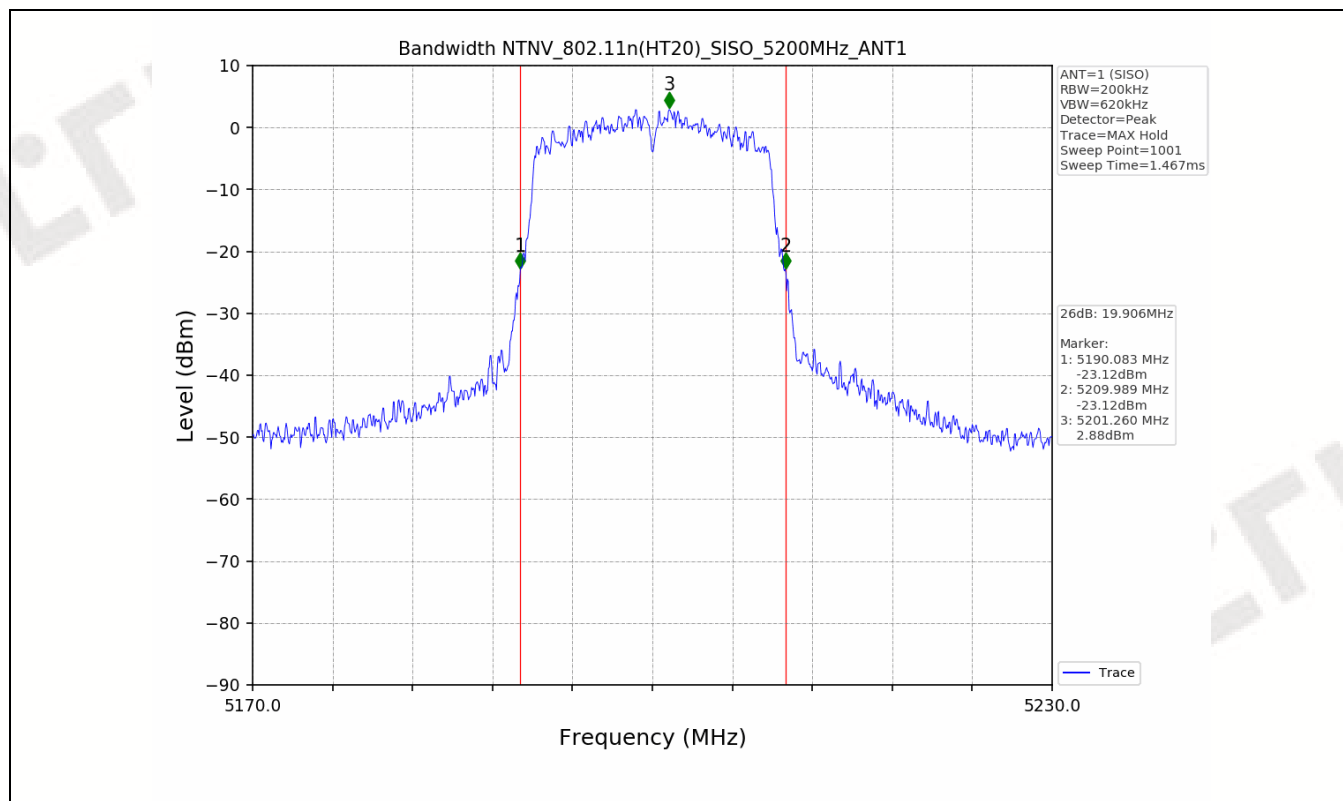
1.2 Test Graph - Emission Bandwidth

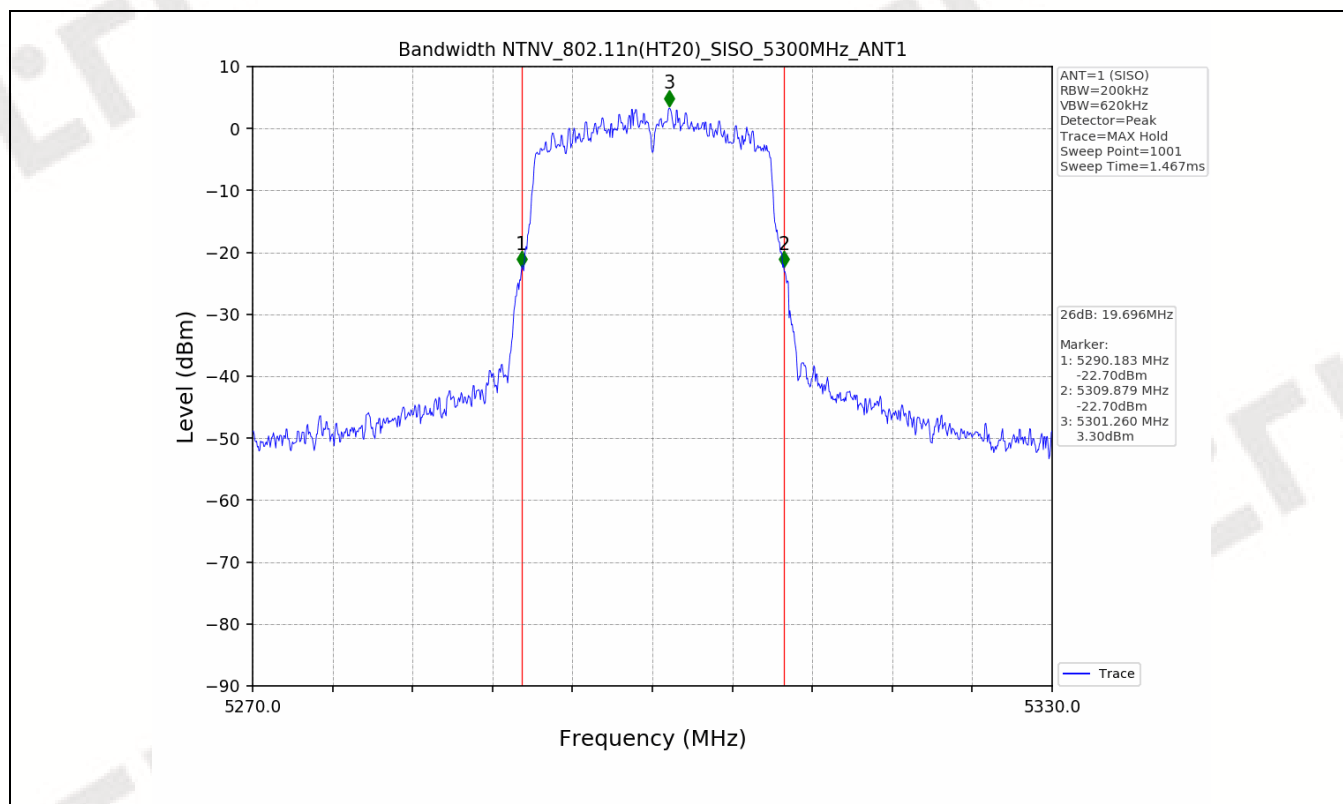
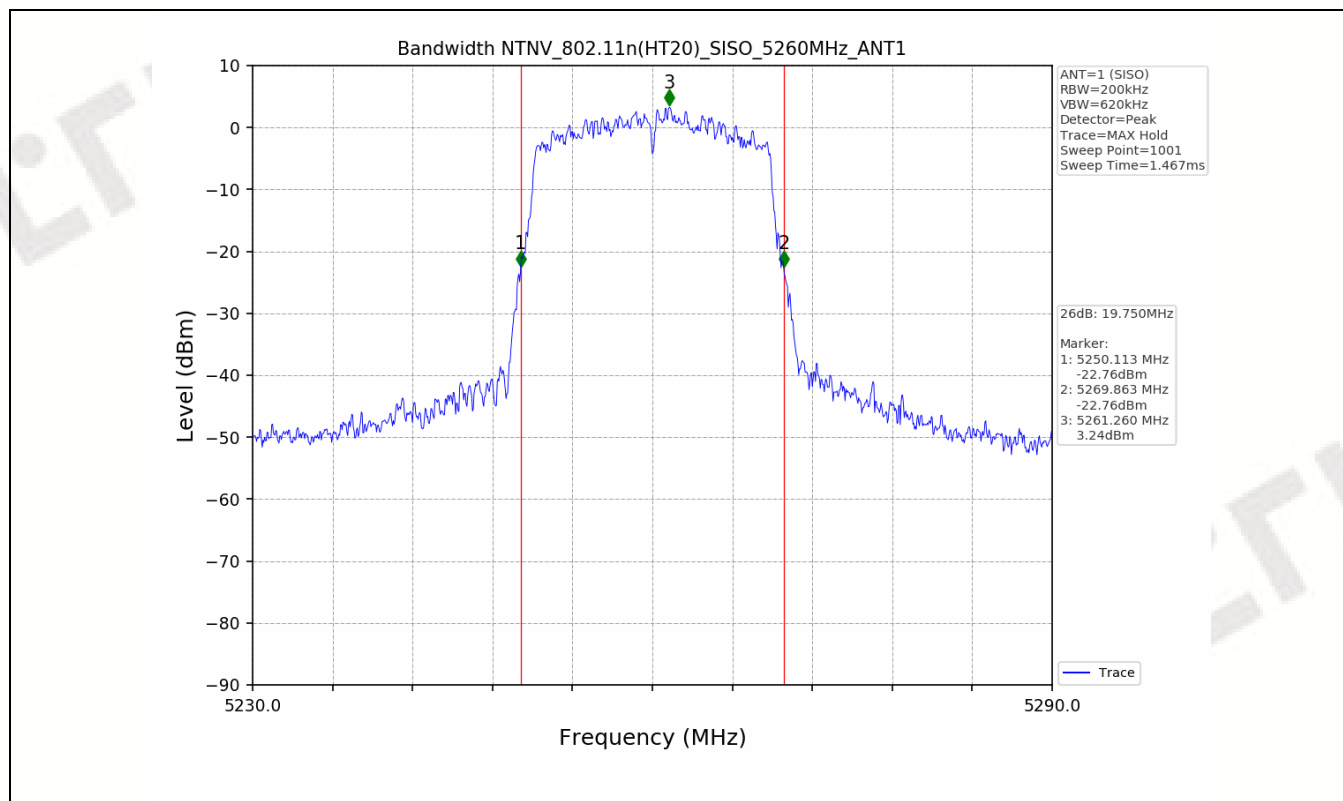


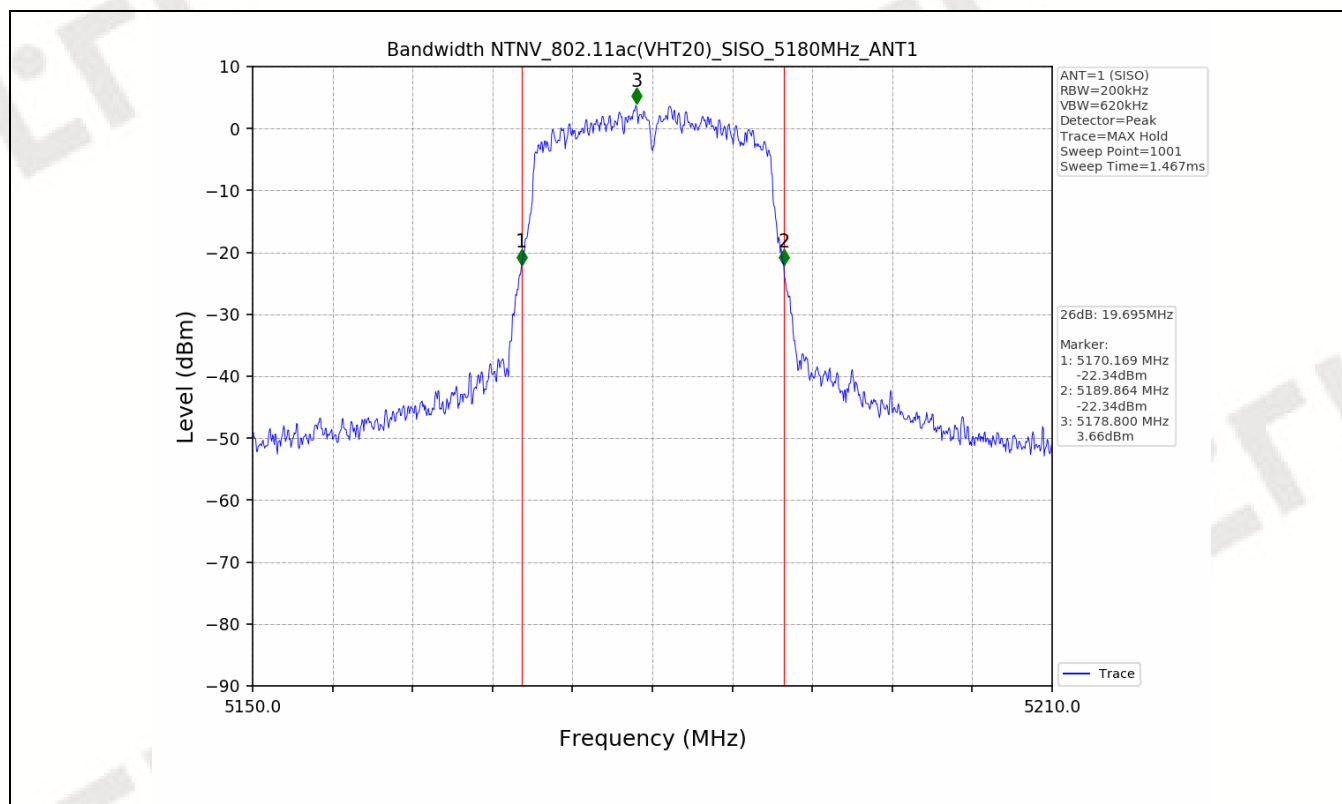
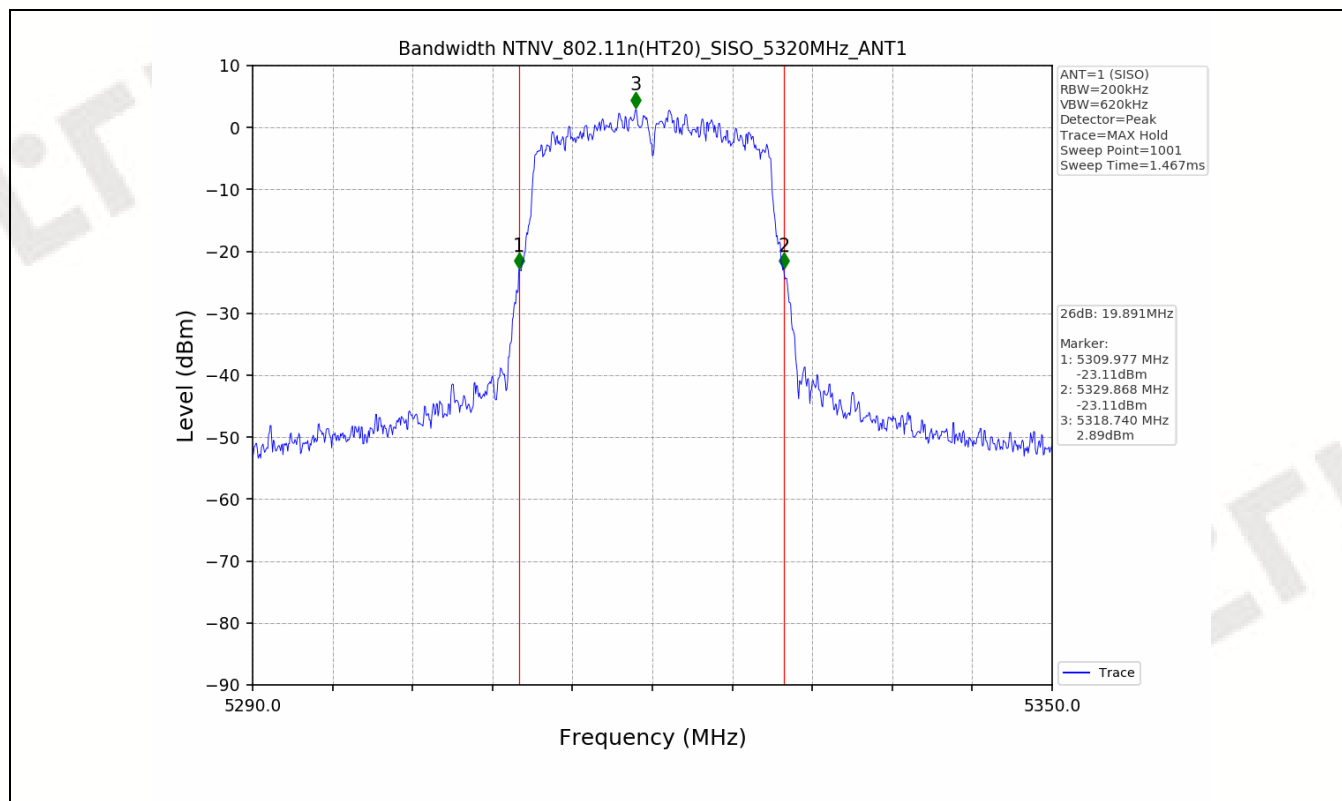


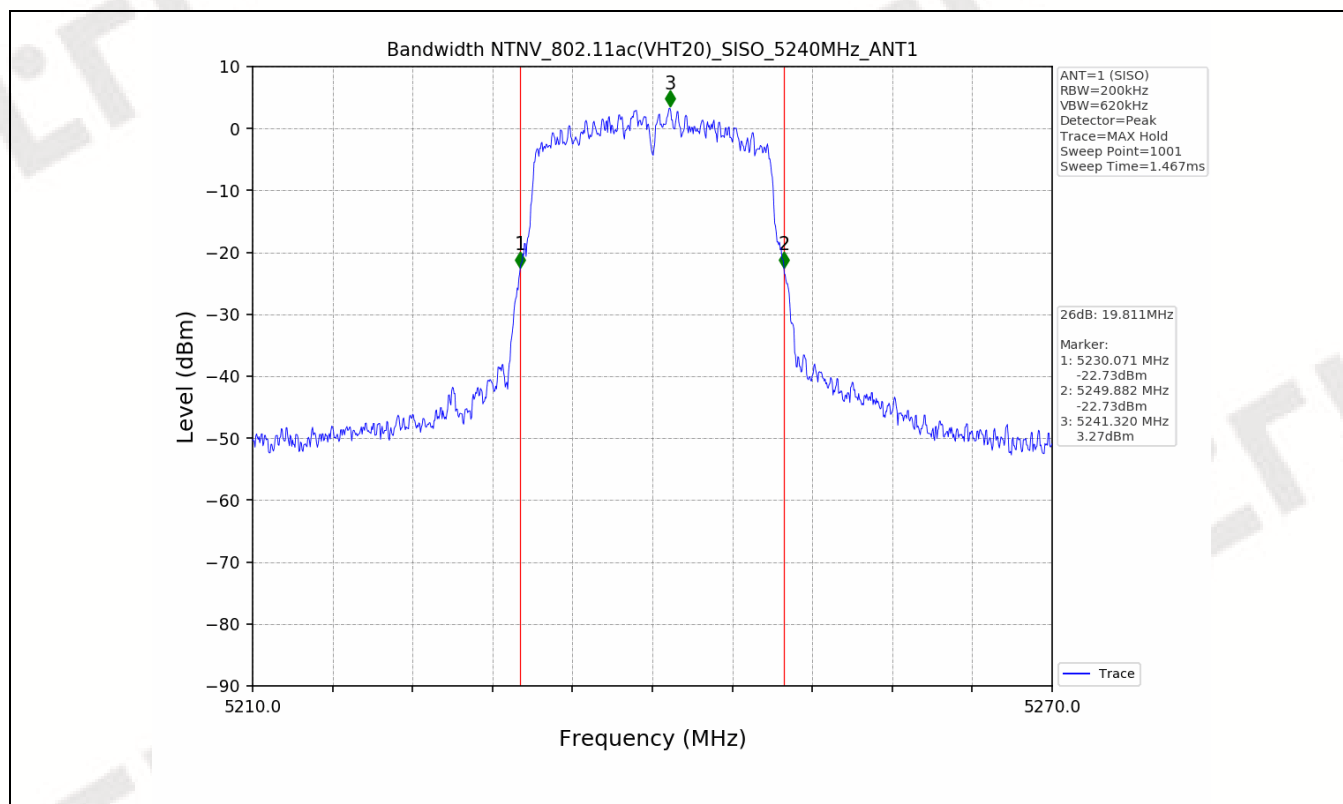
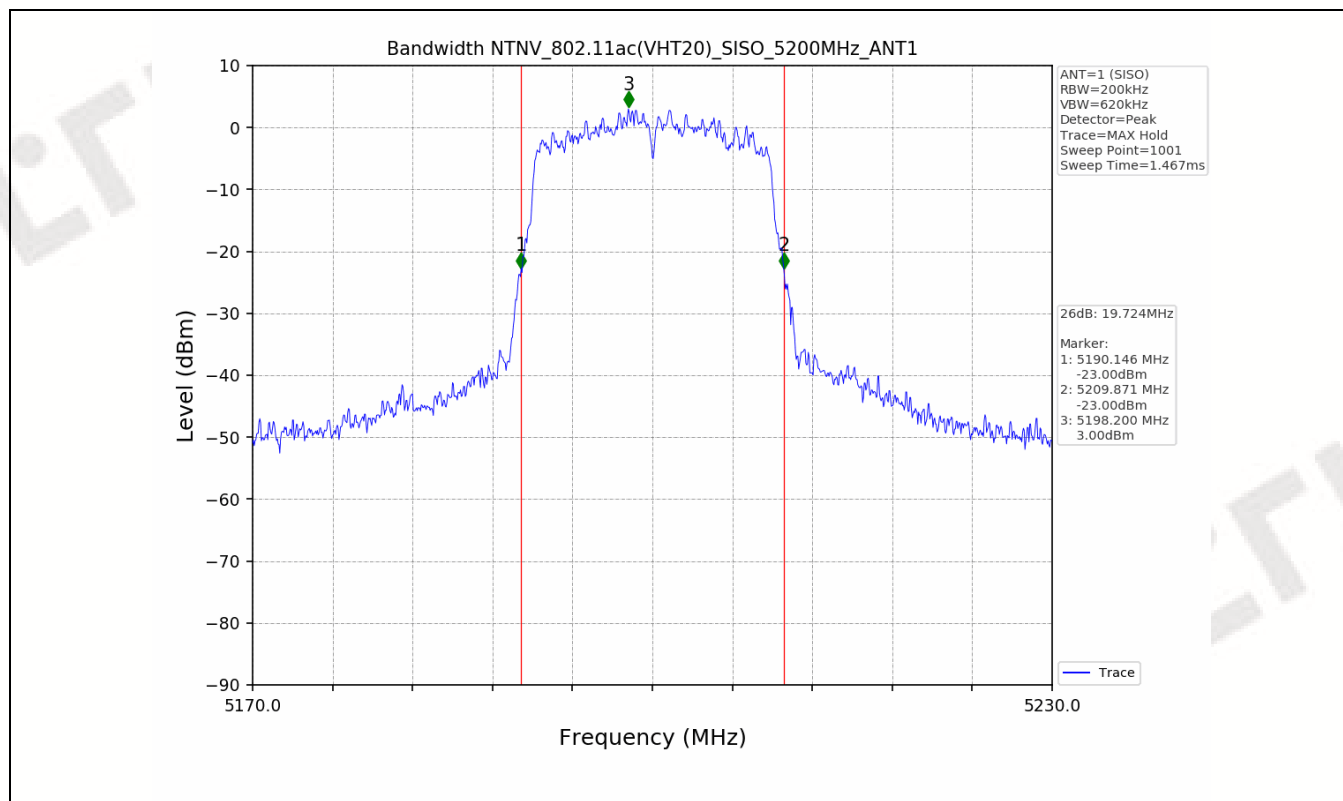


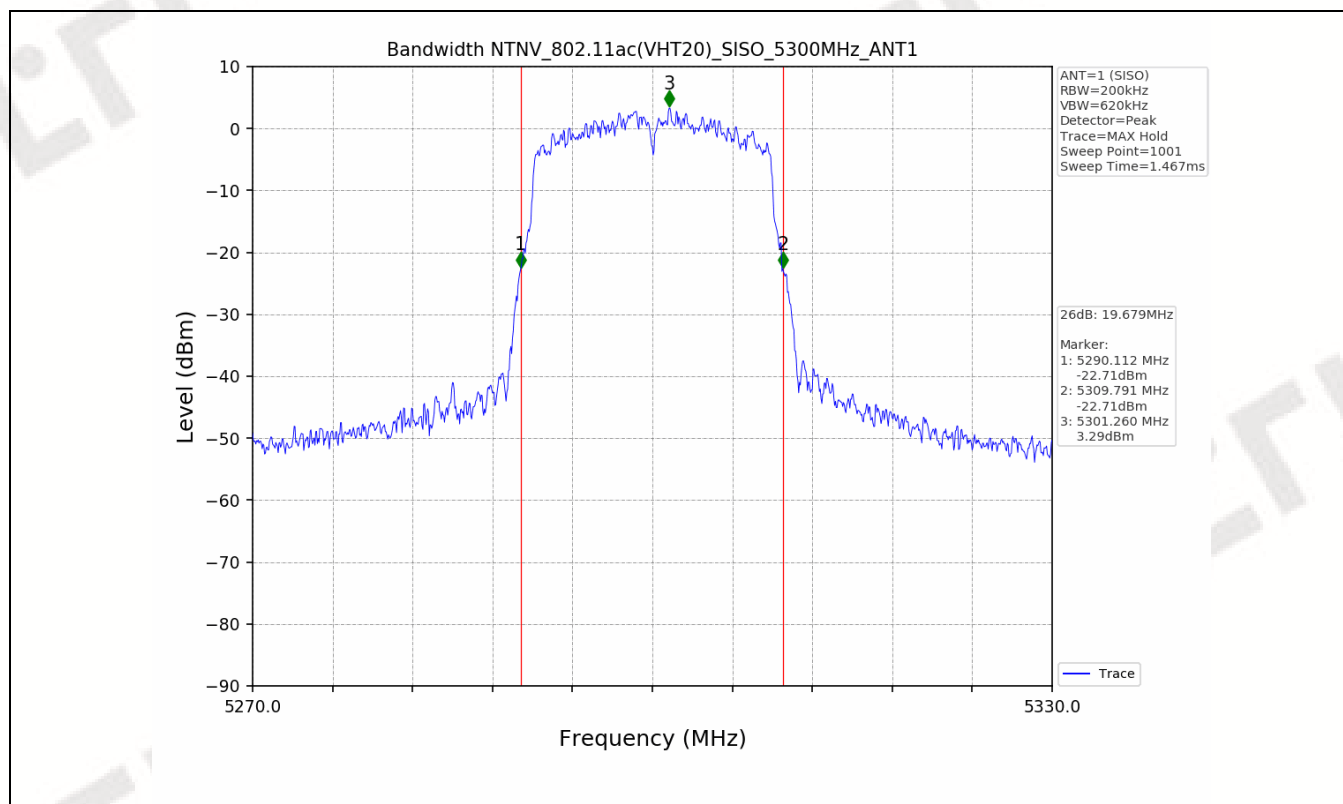
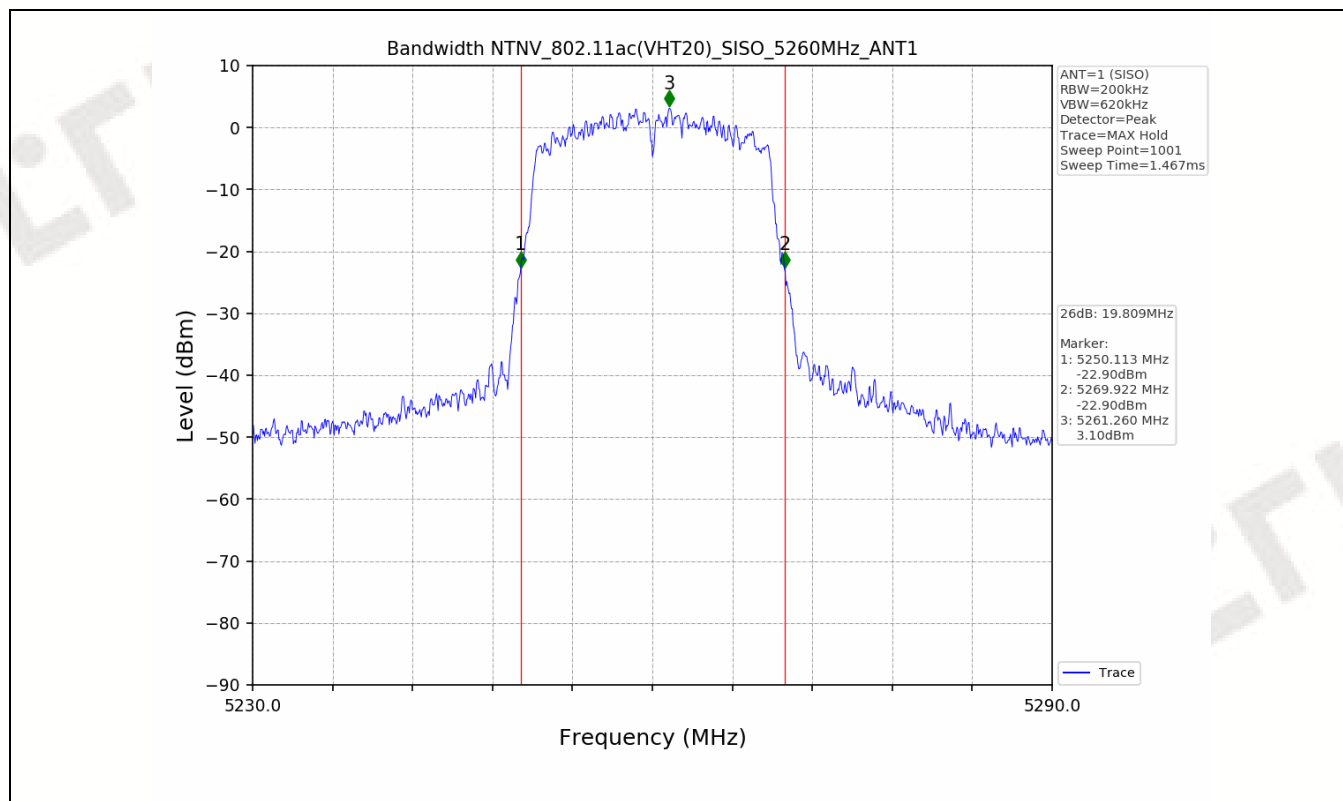


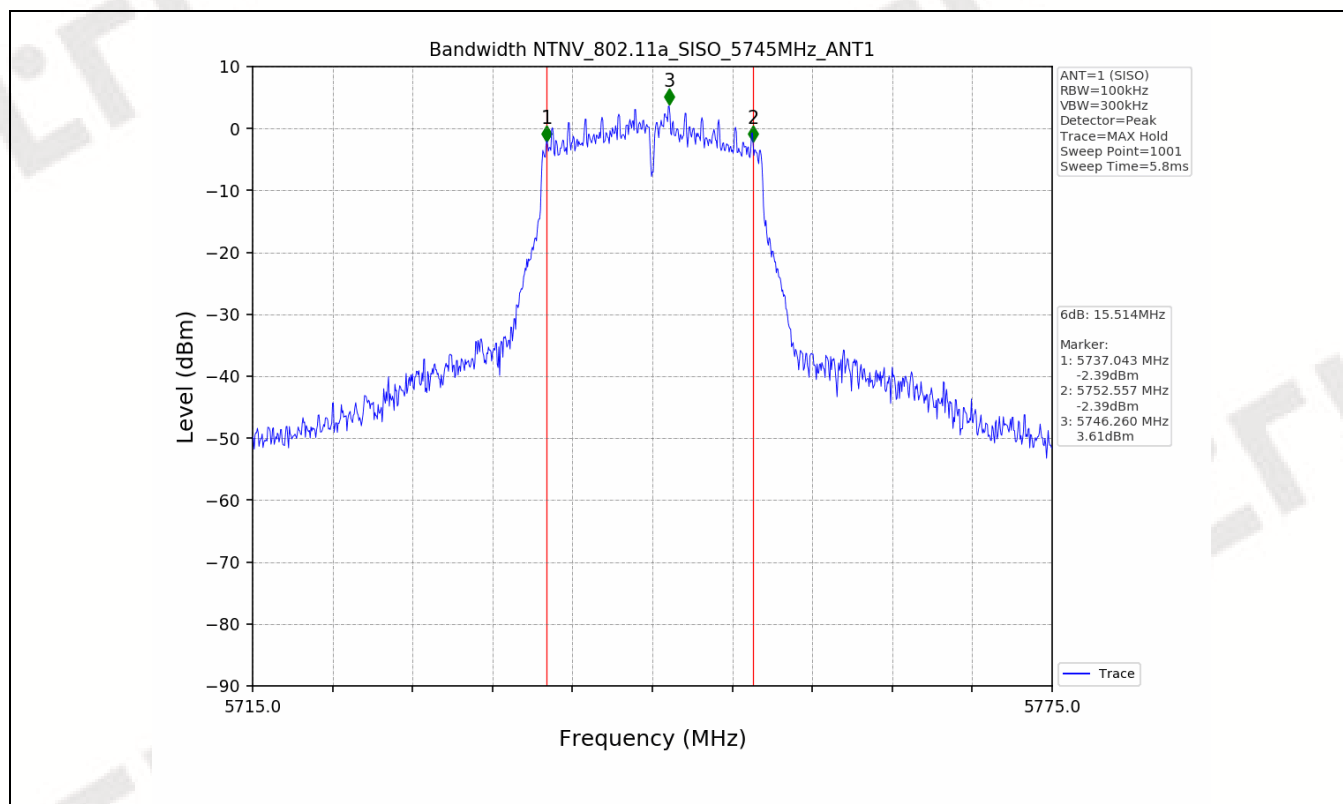
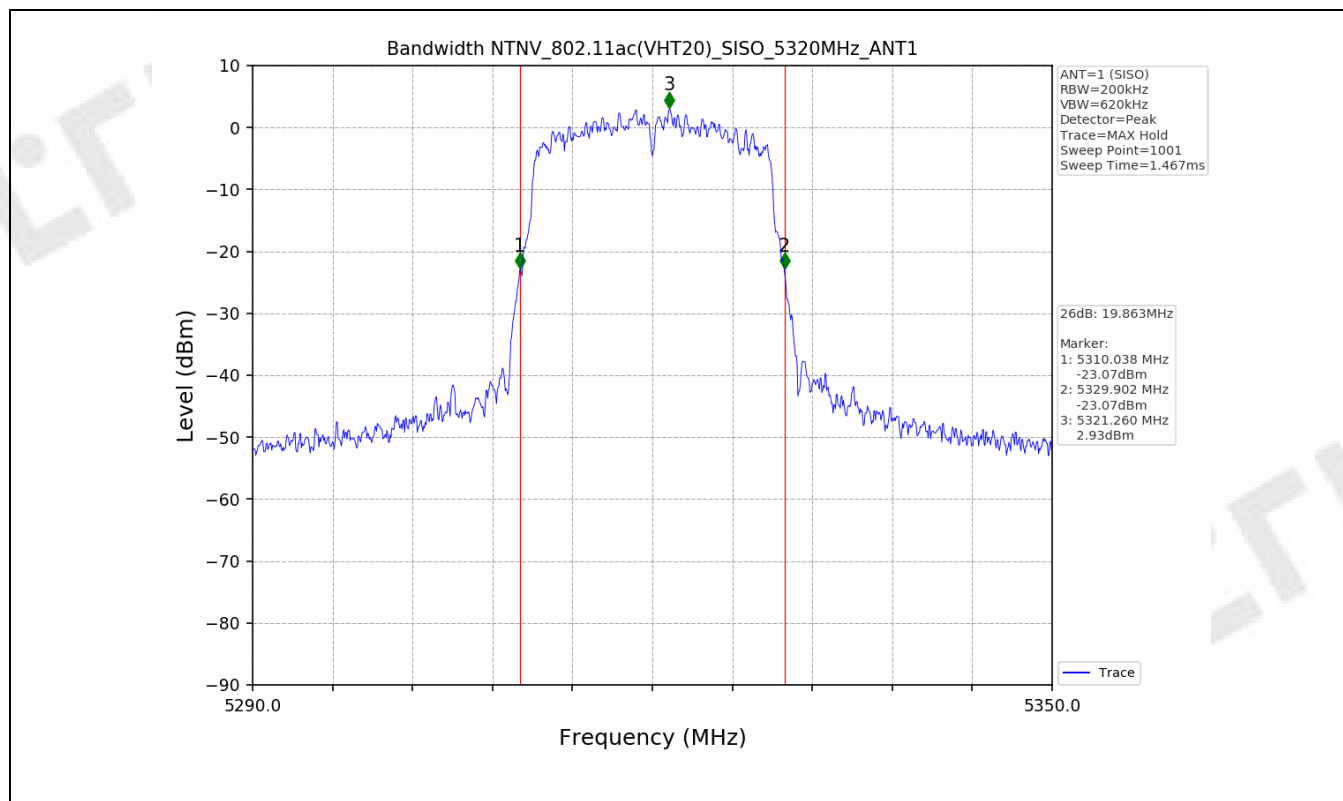


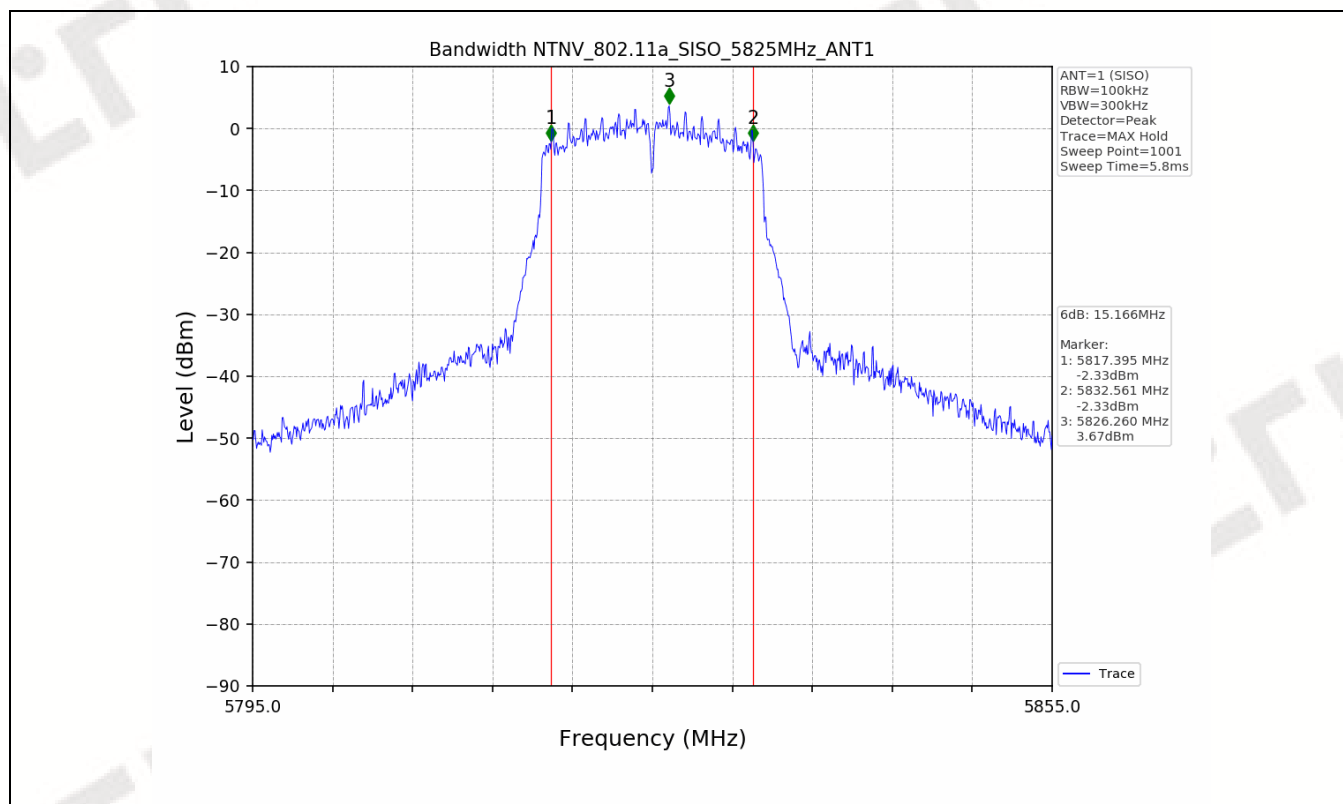
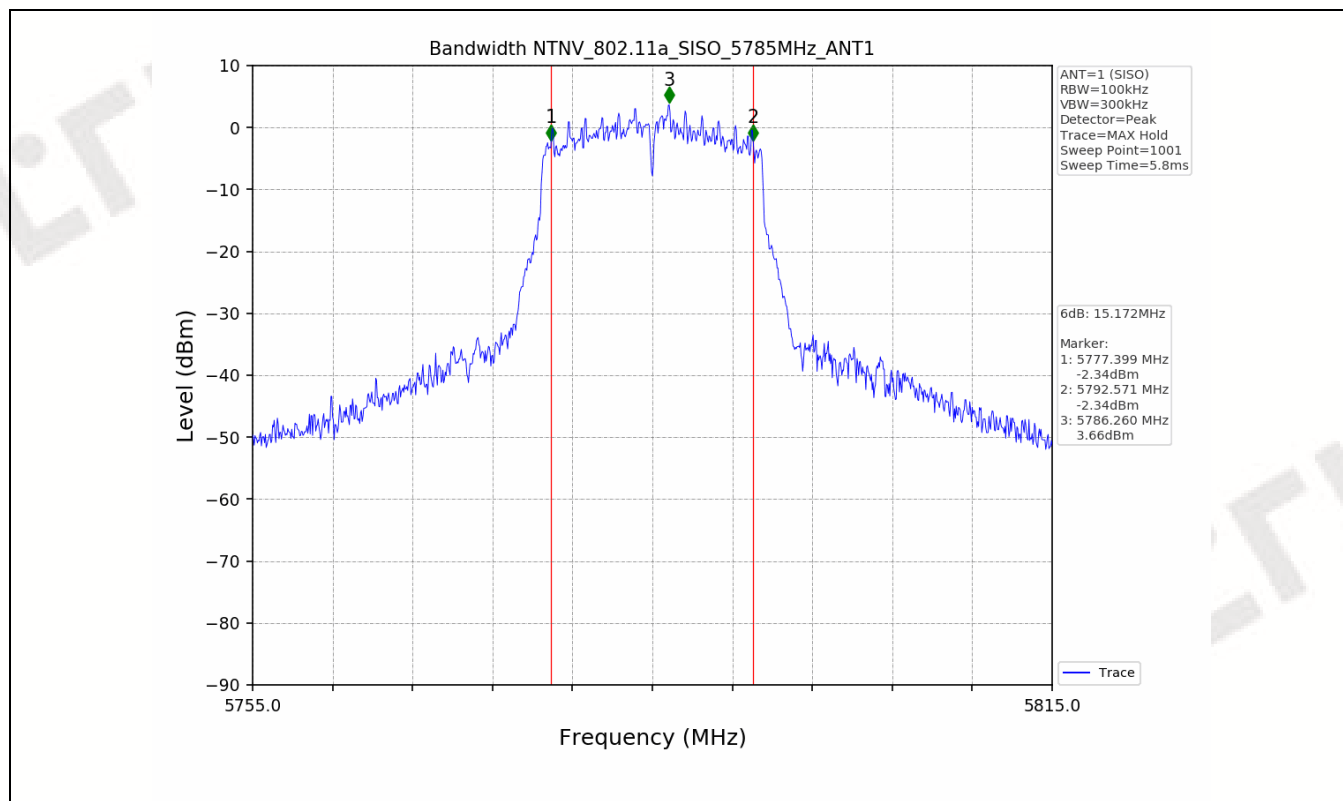


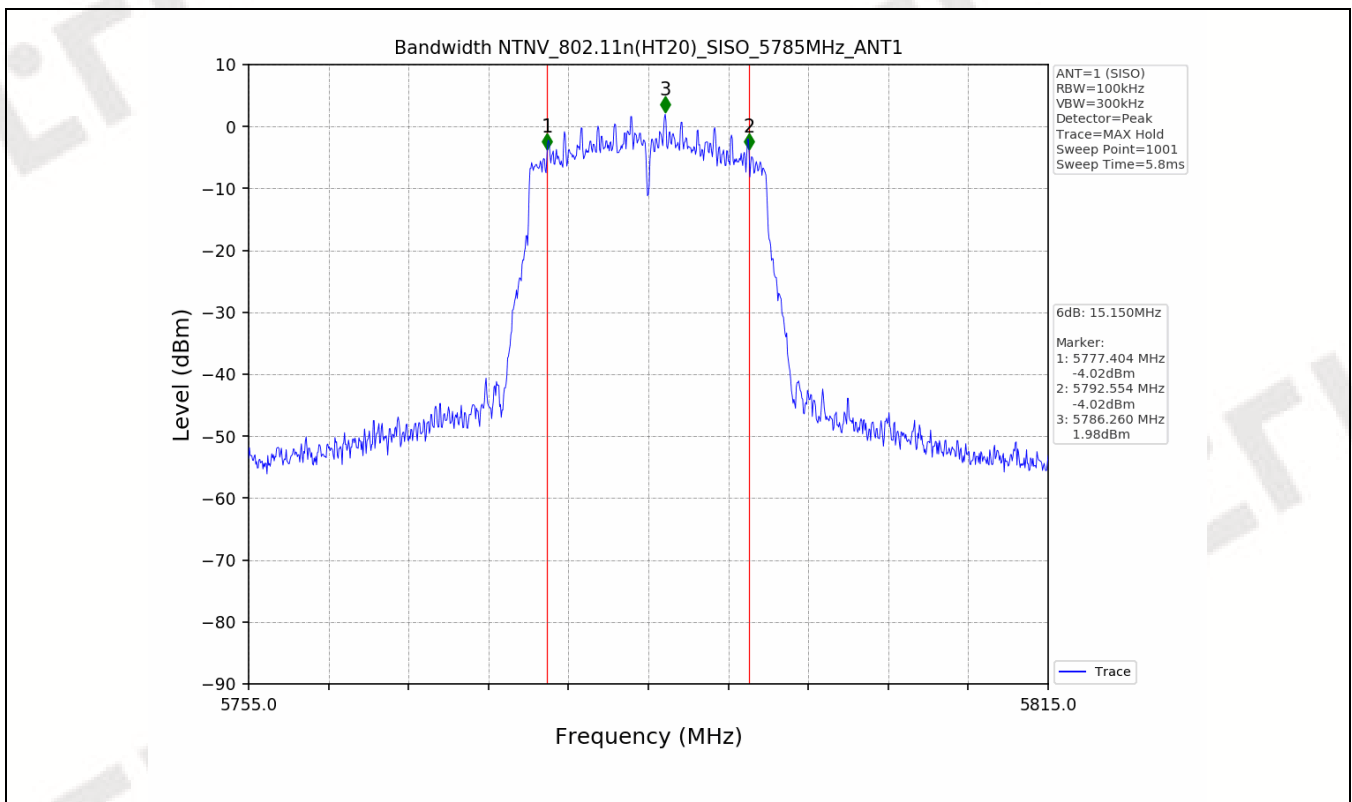
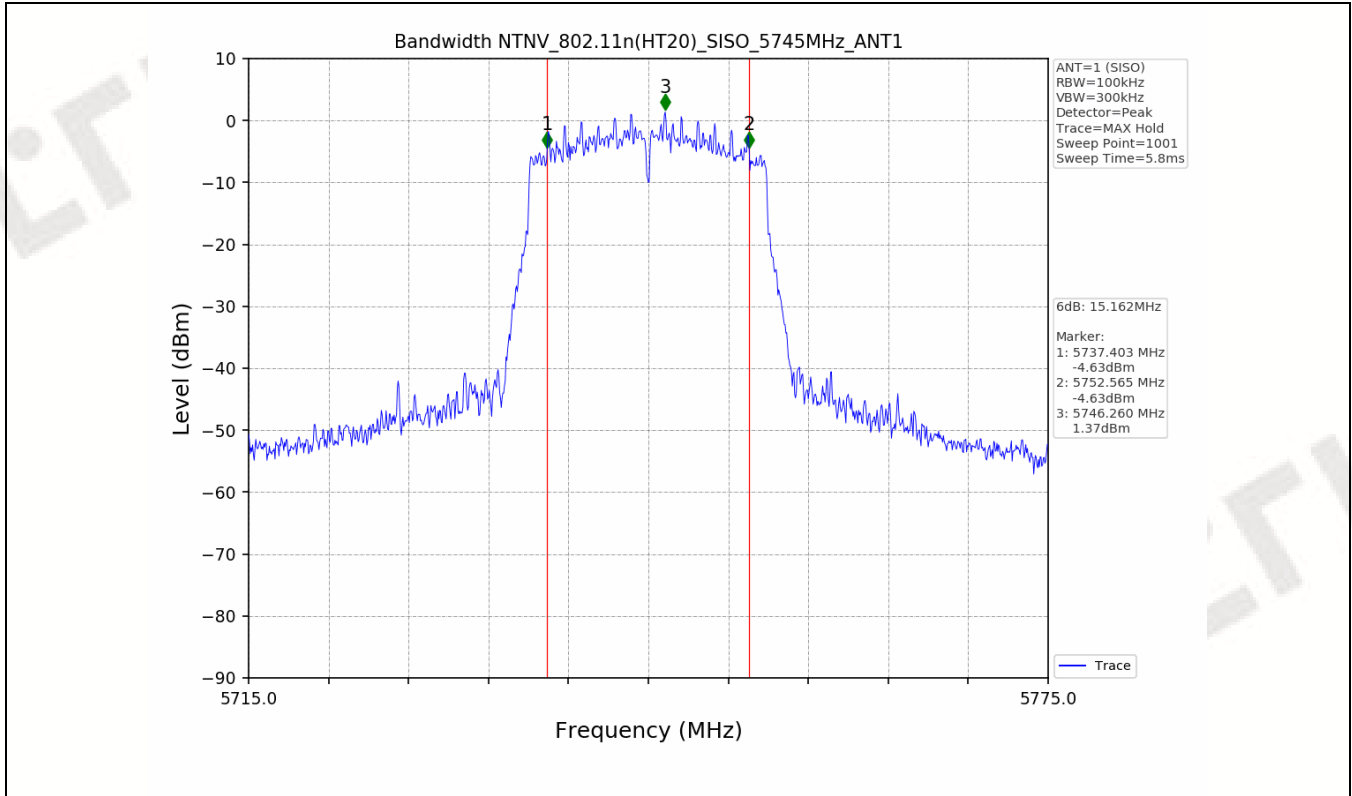


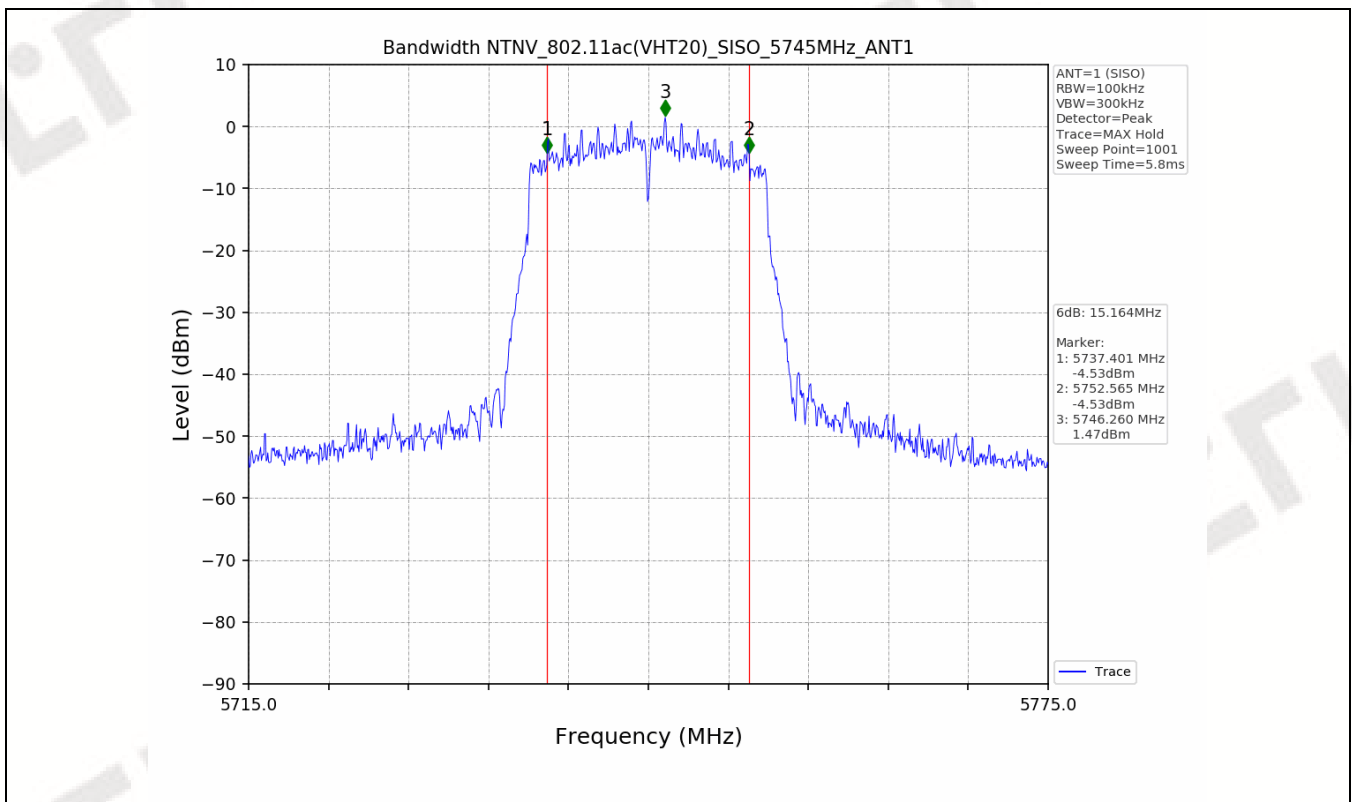
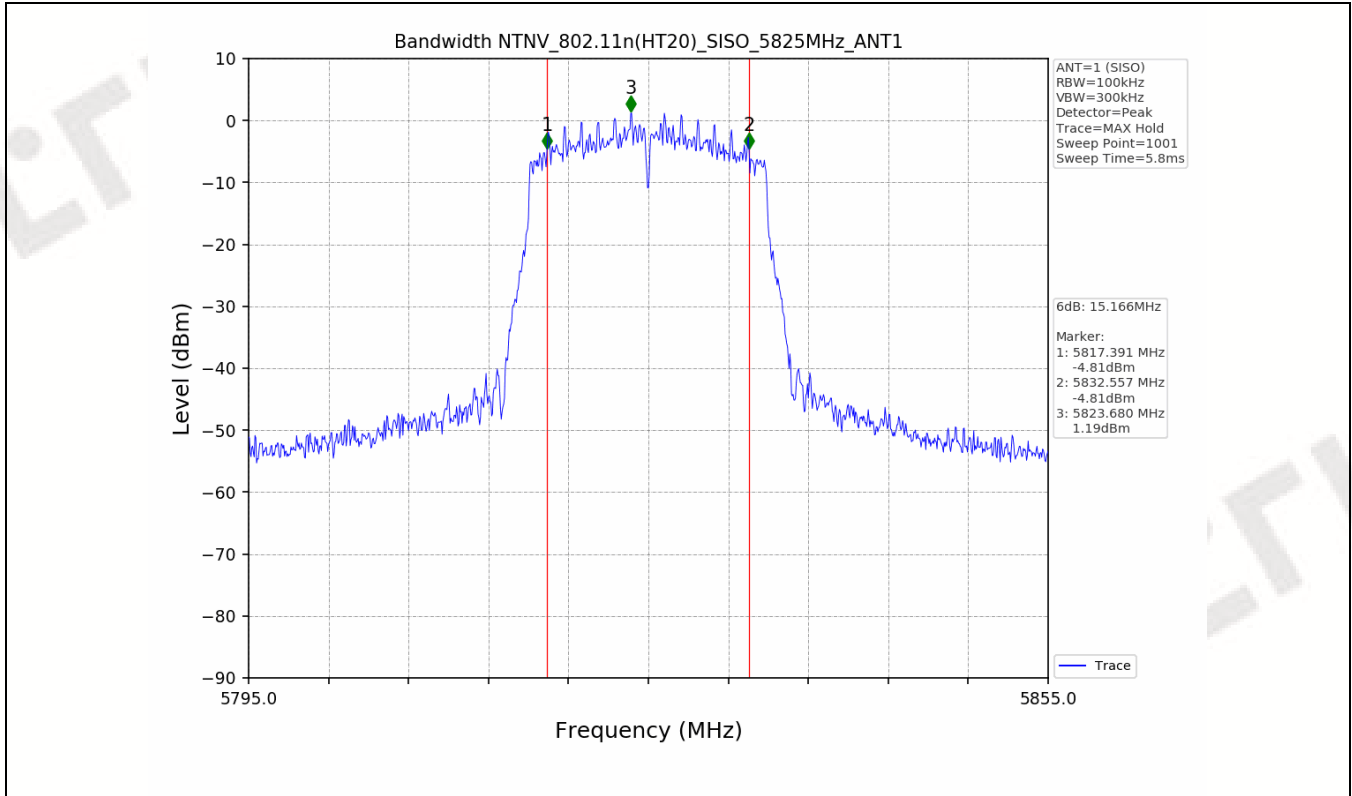


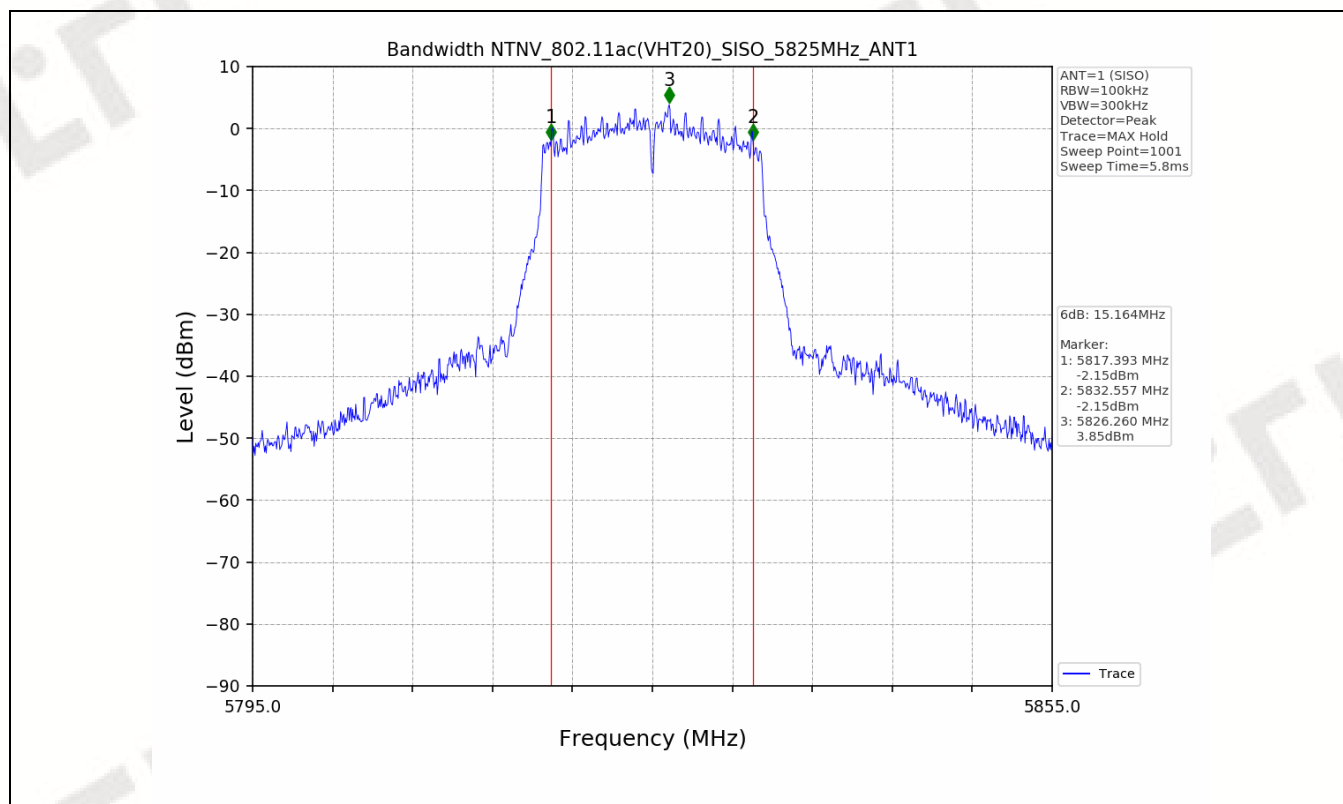
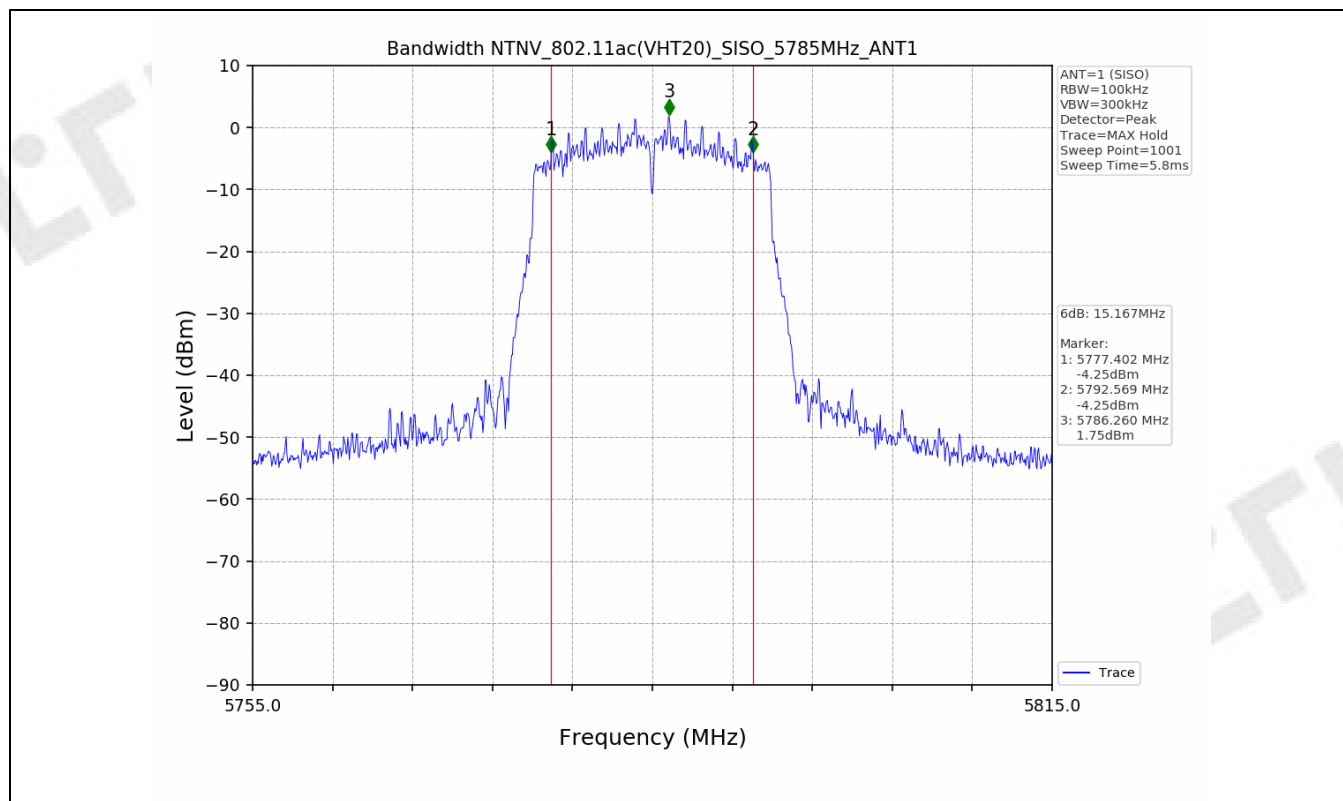




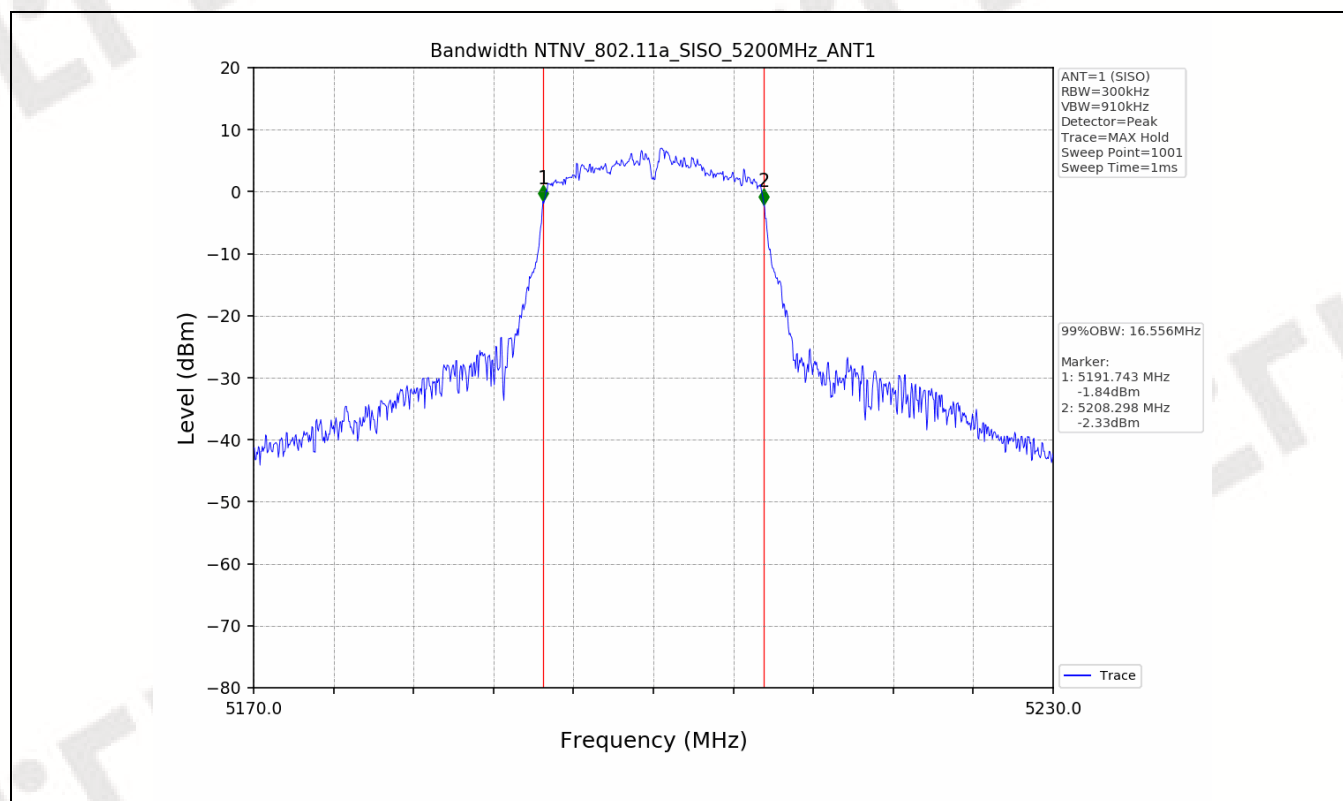
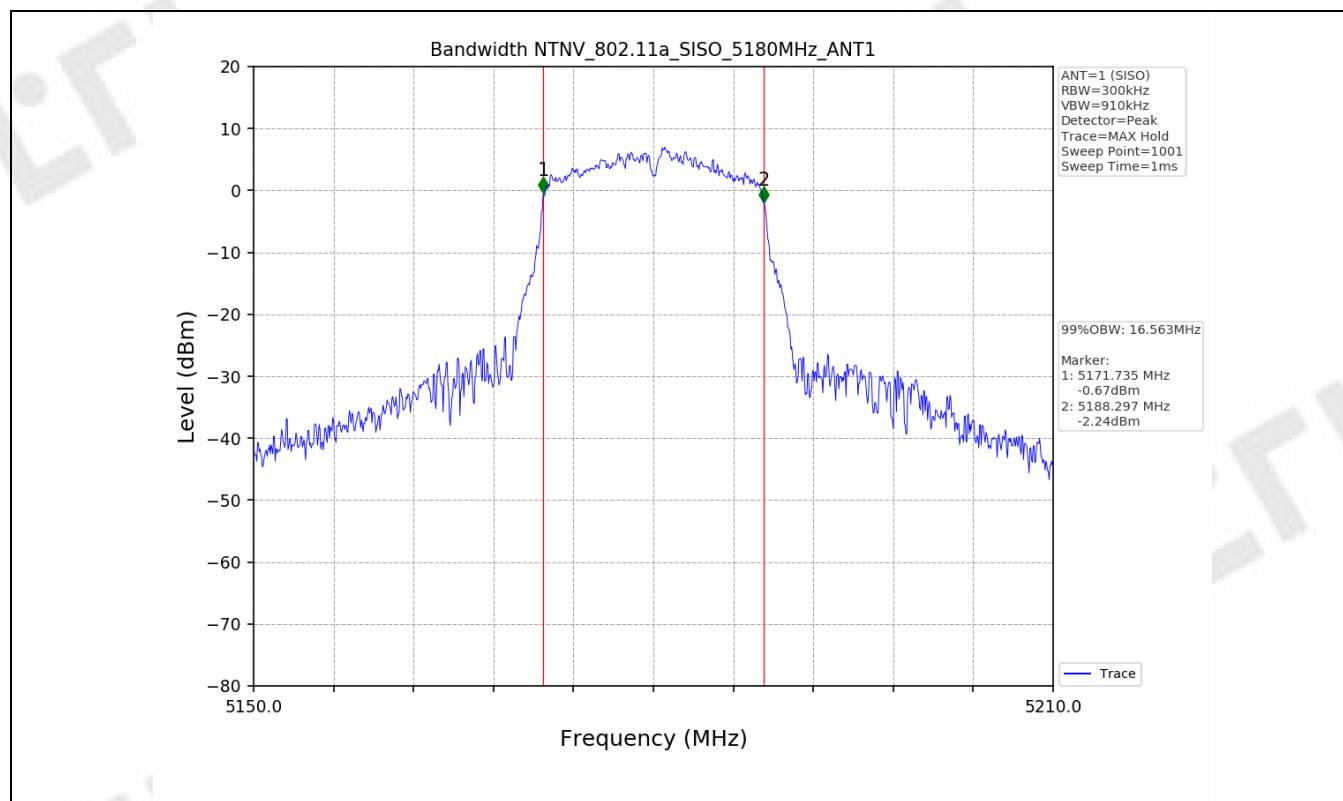


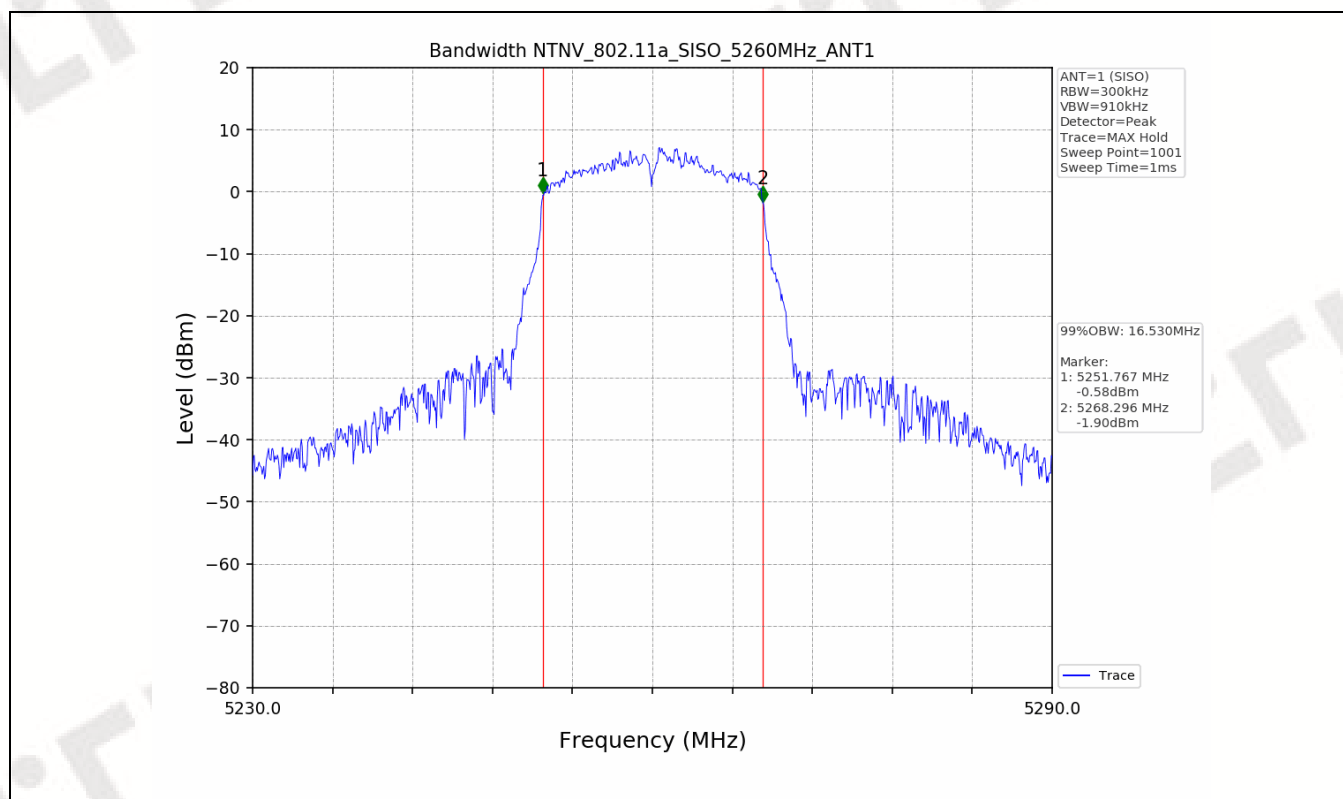
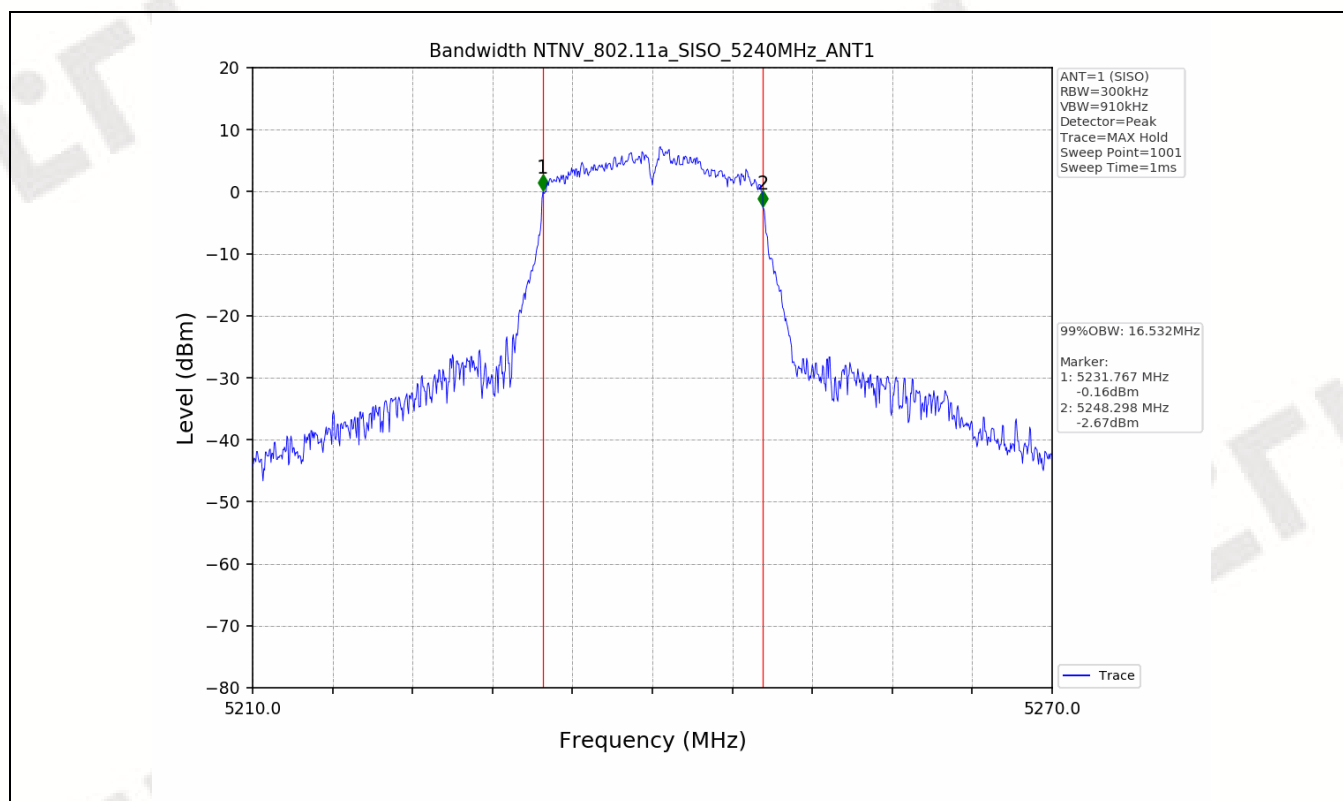


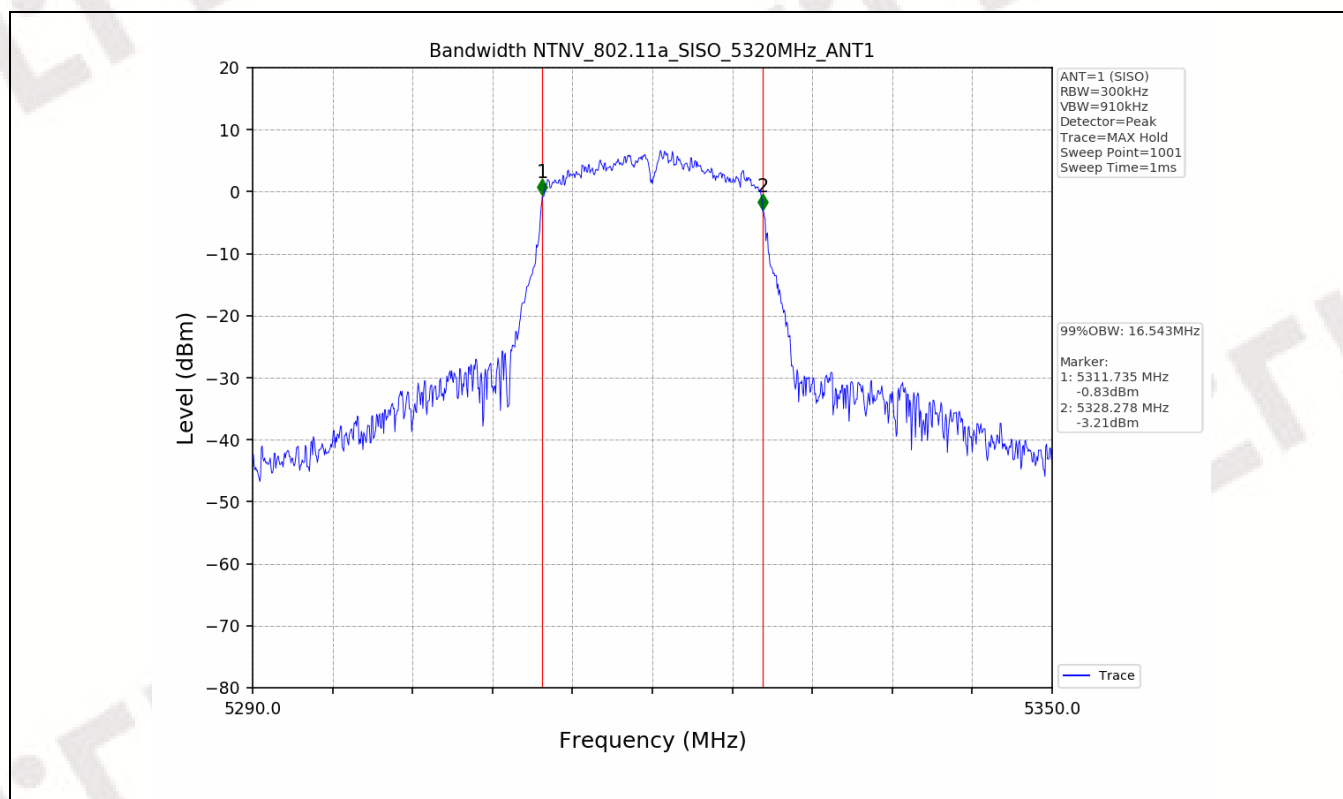
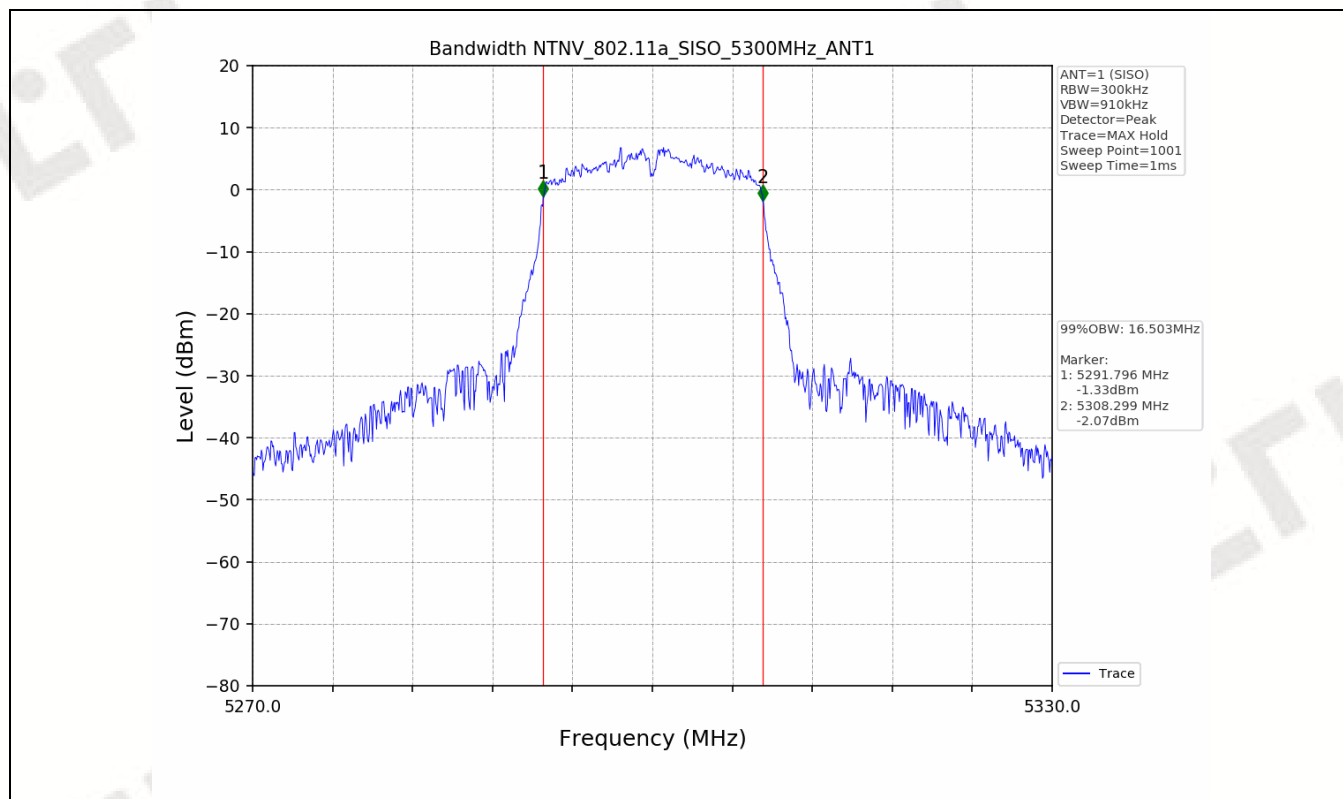


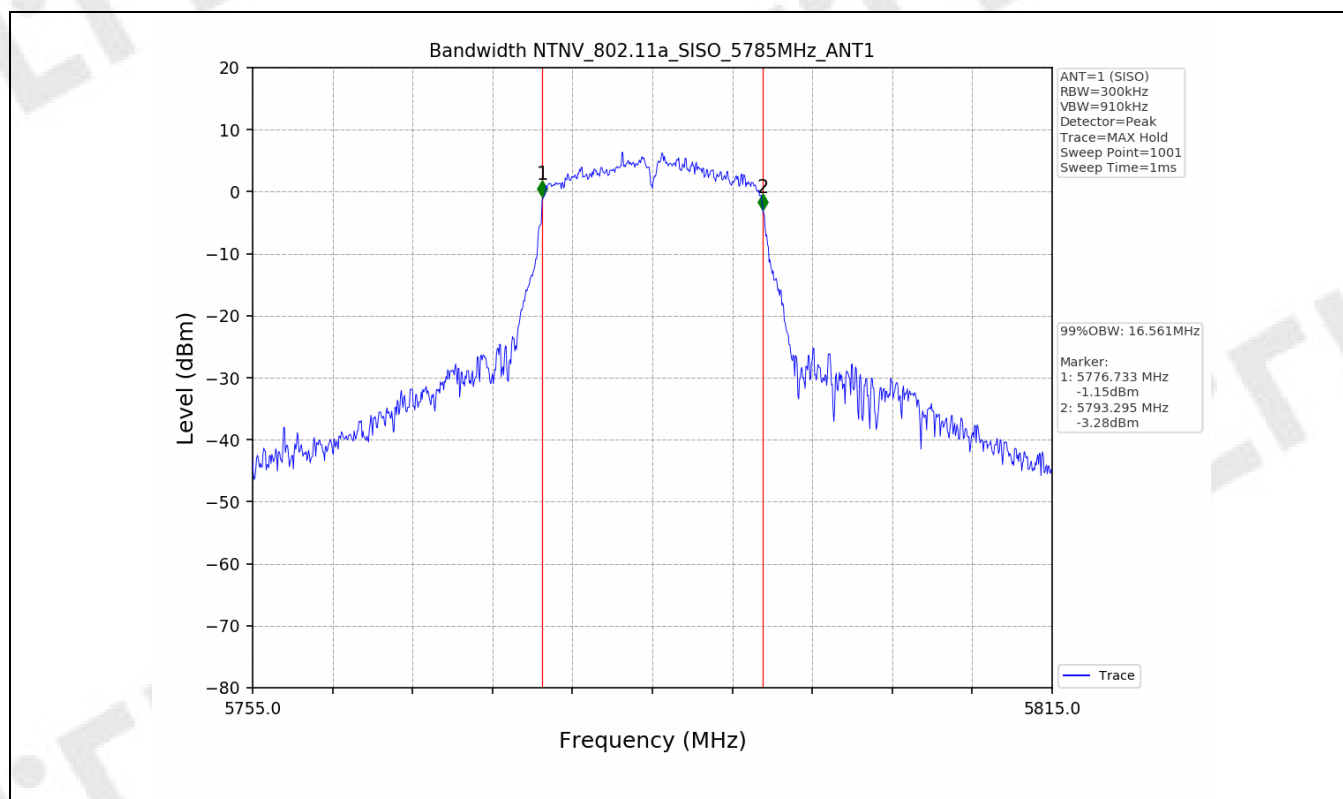
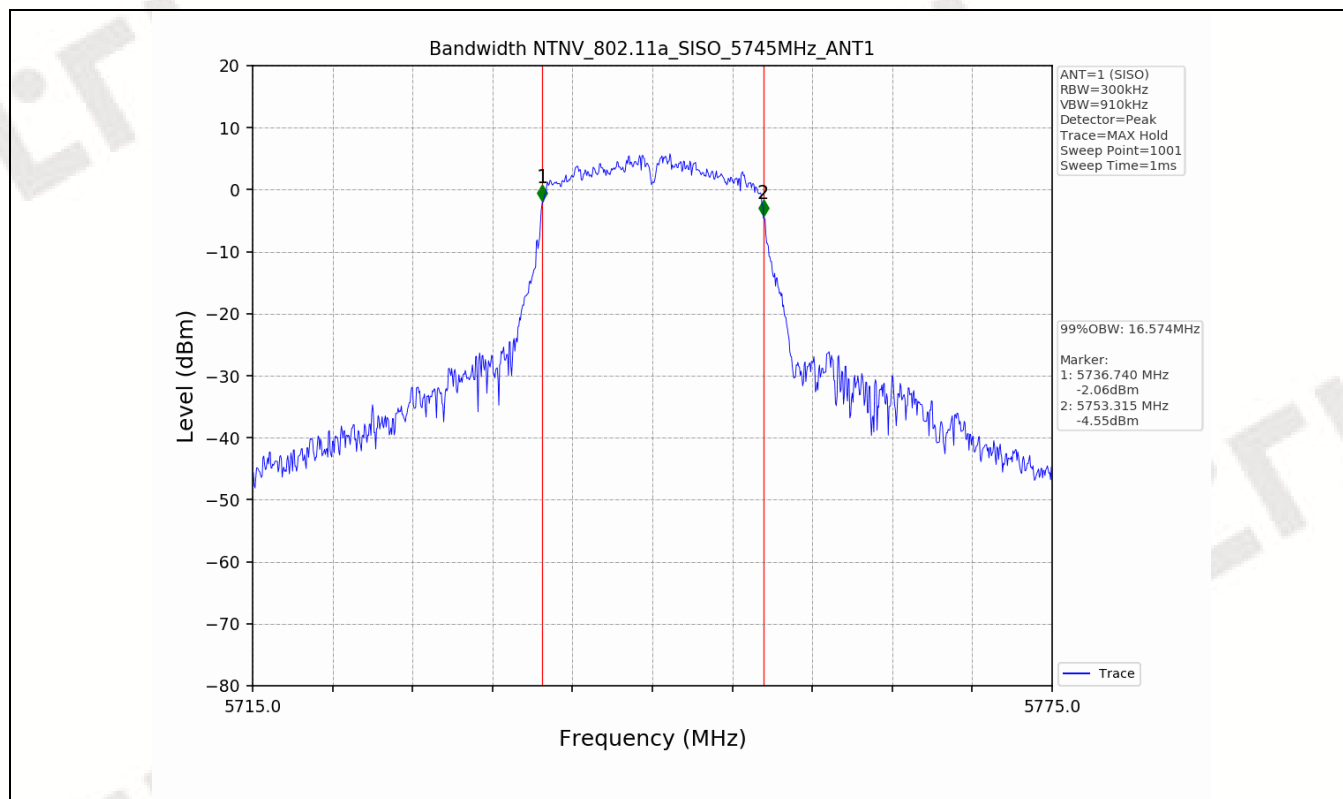


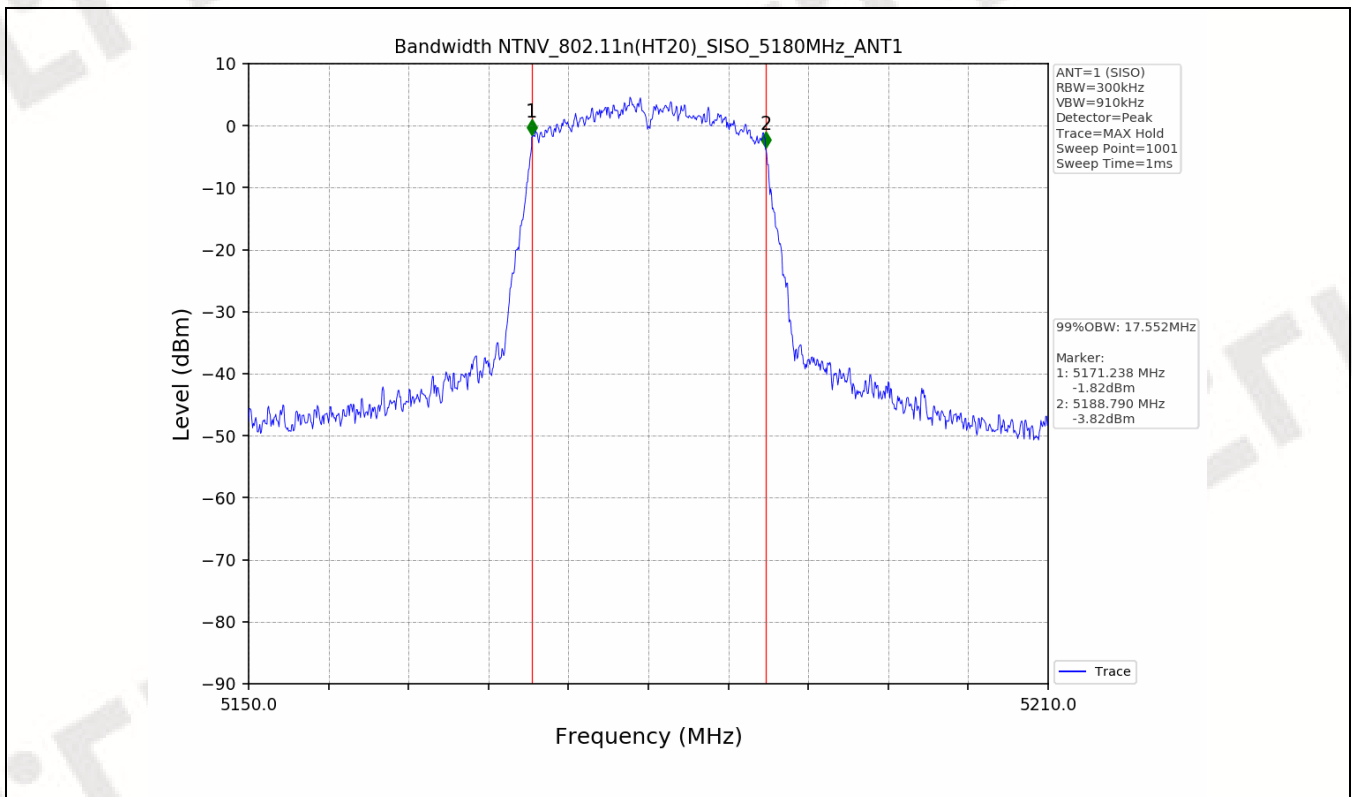
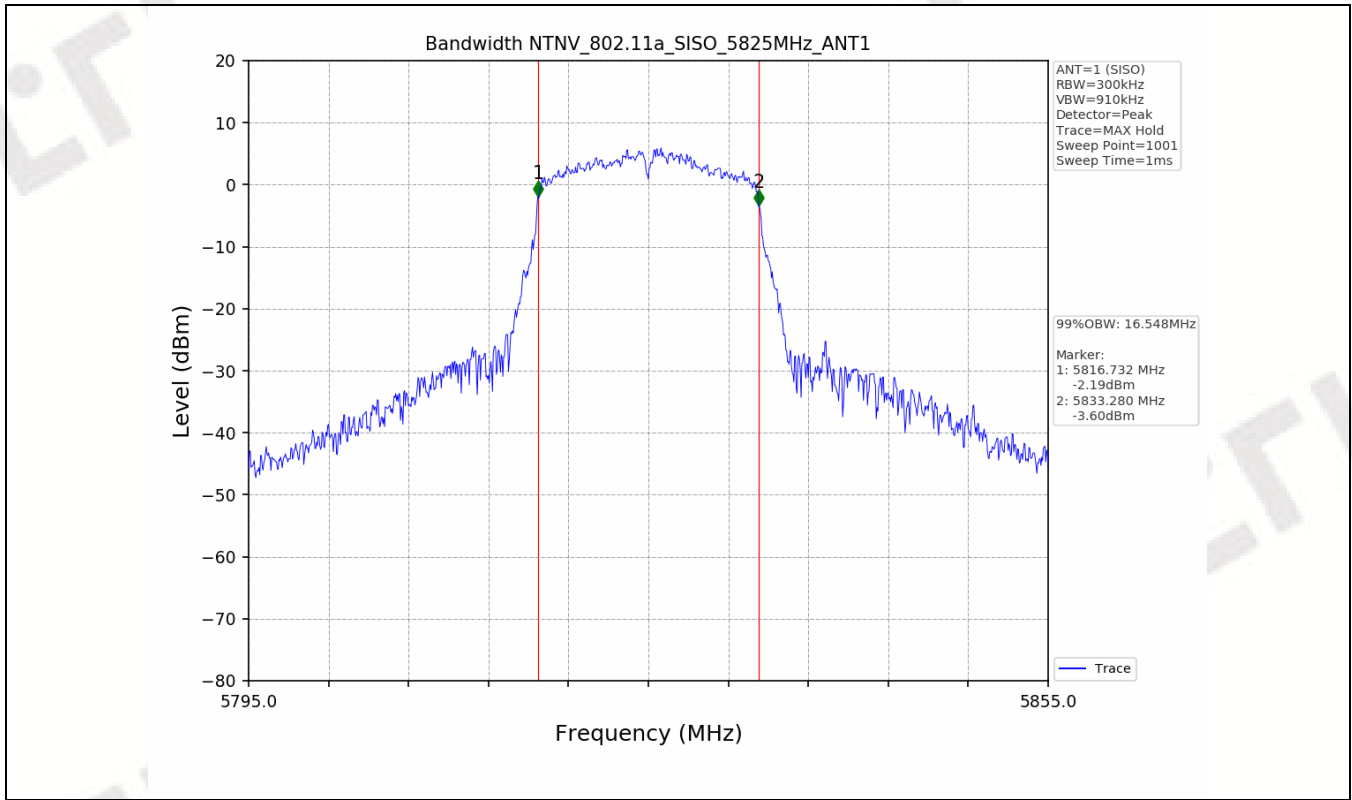
1.3 Test Graph - 99% Occupied Bandwidth

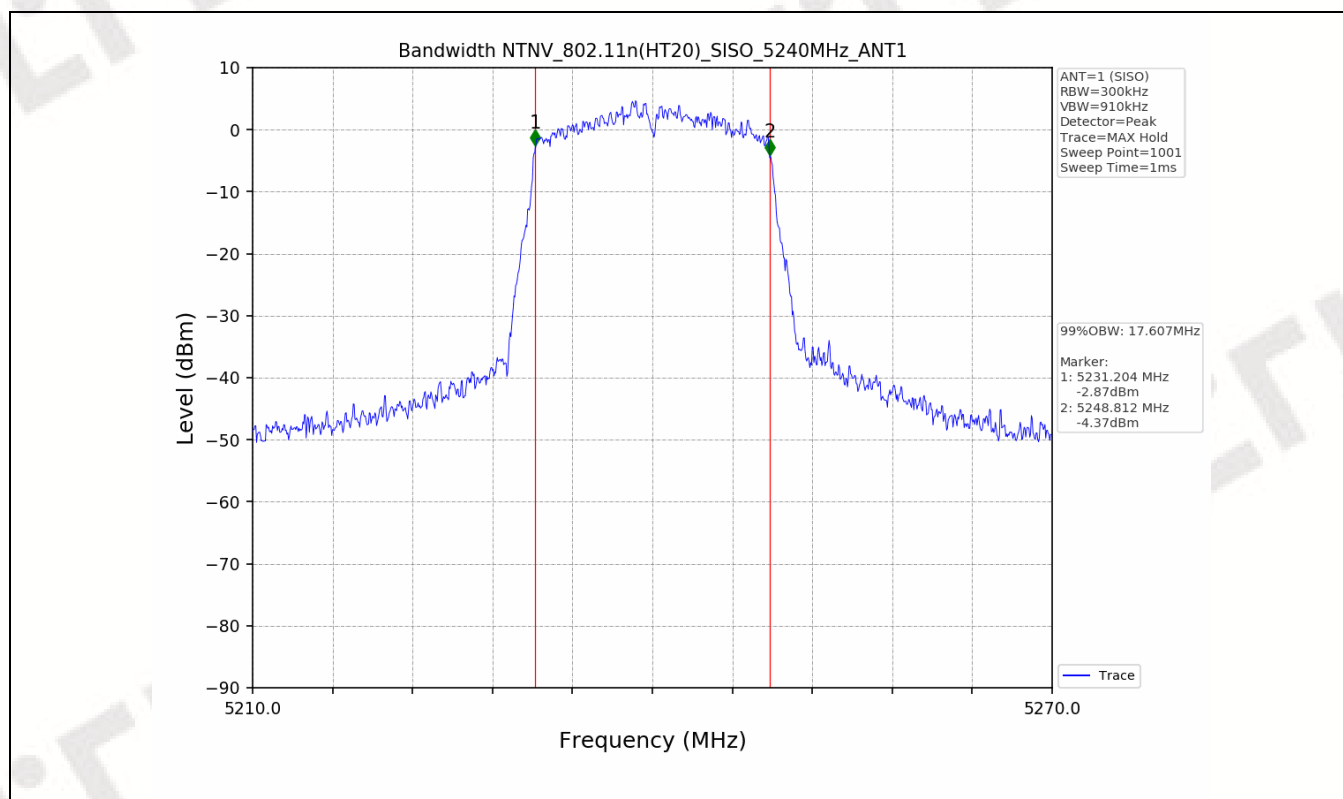
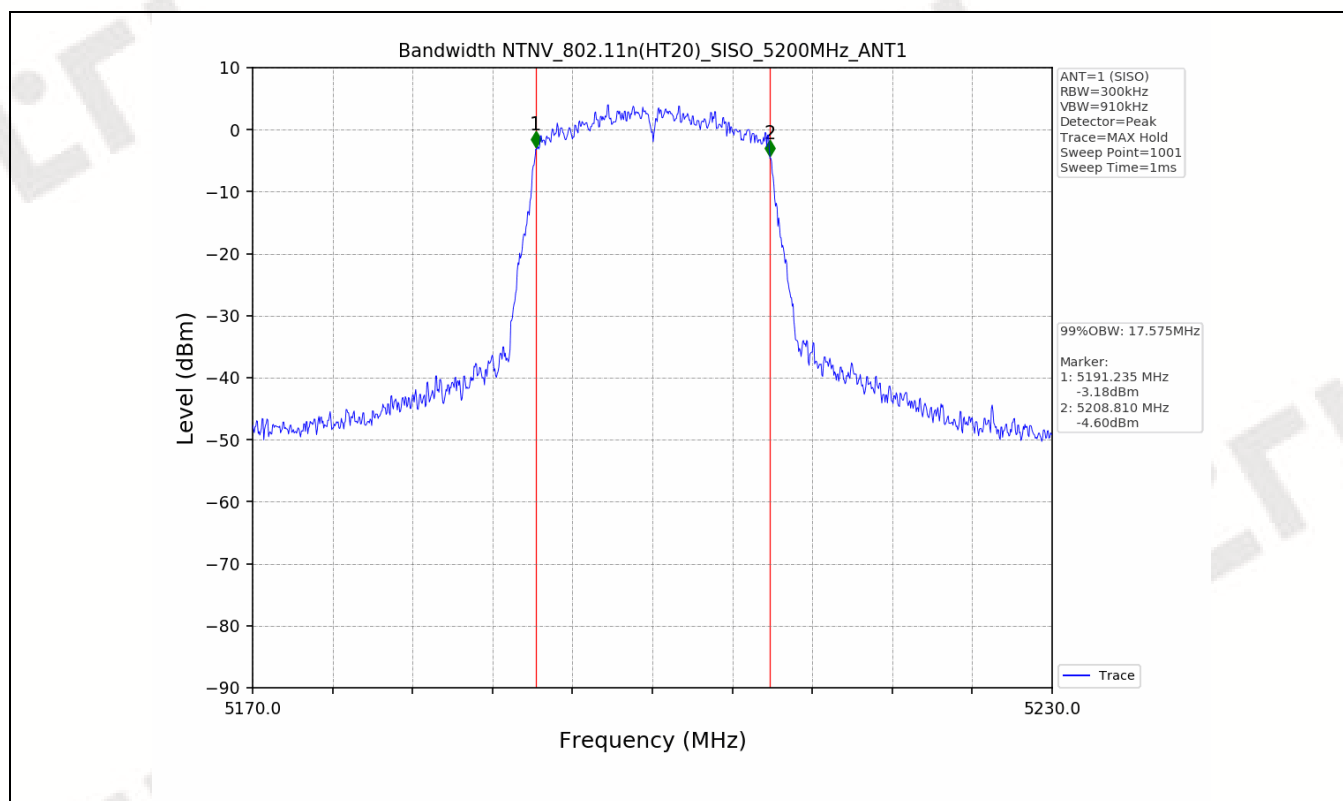


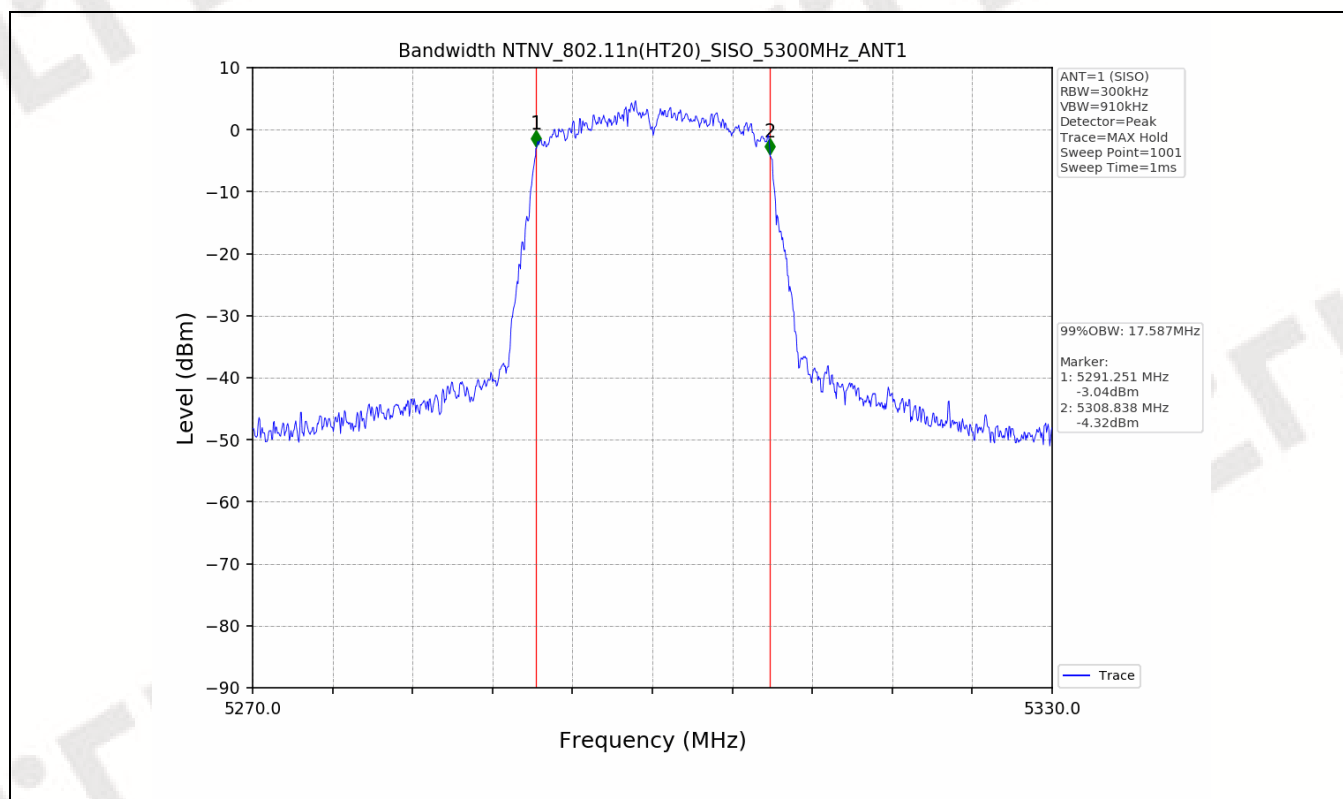
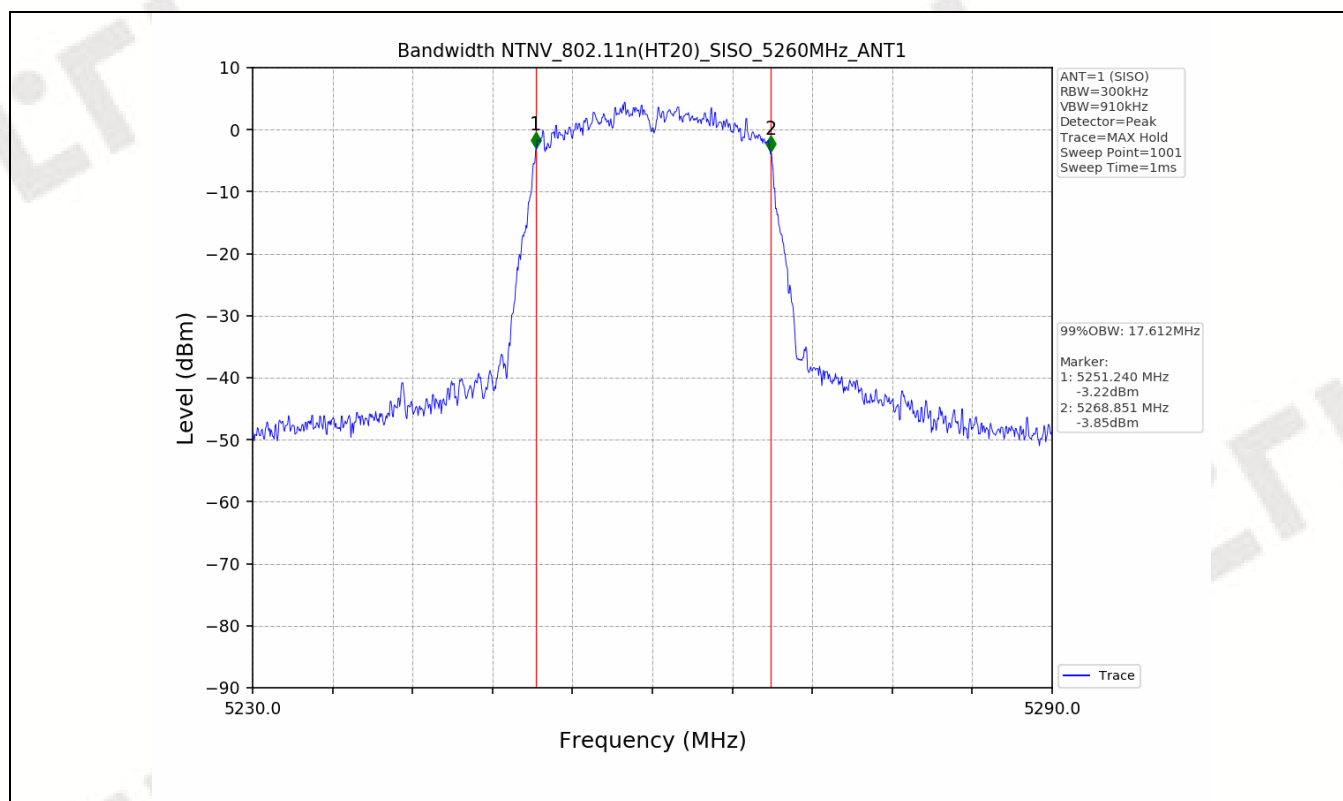


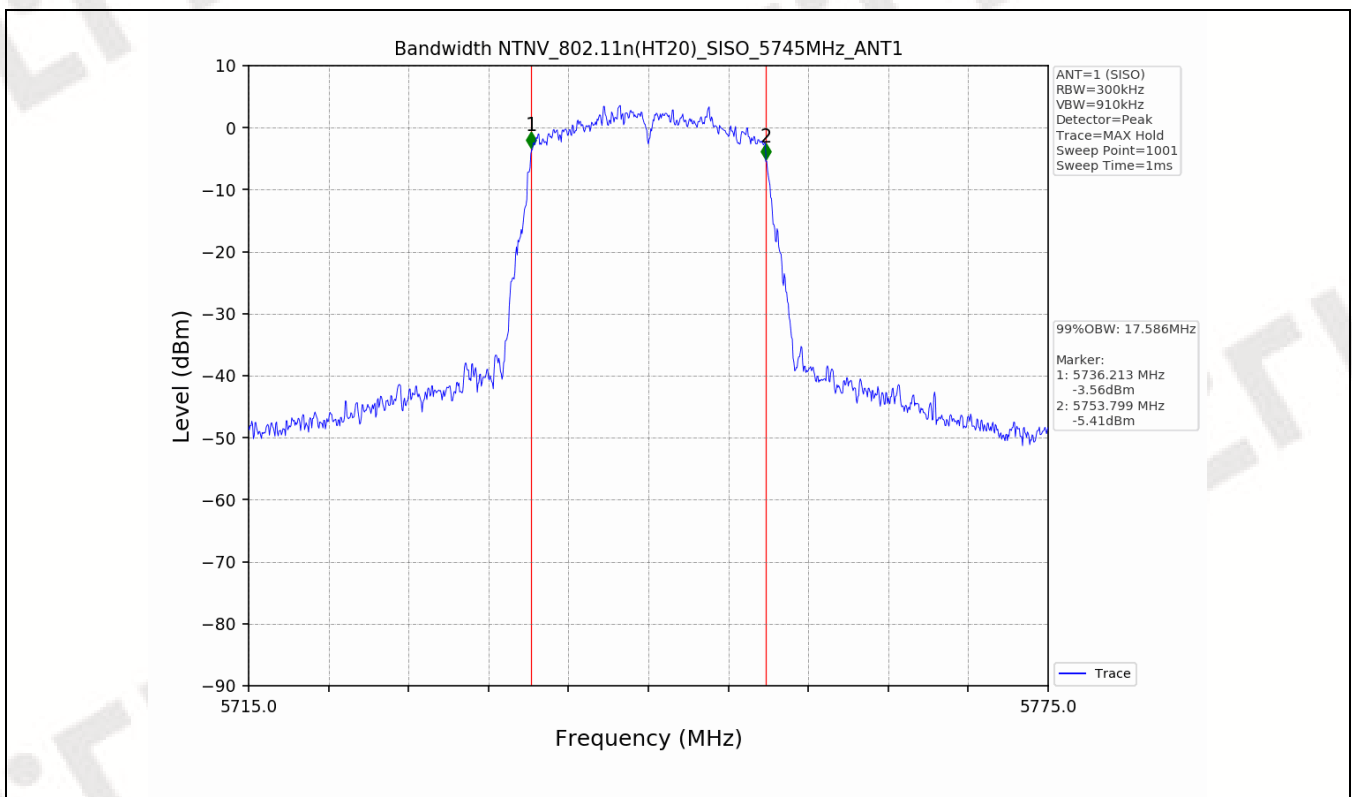
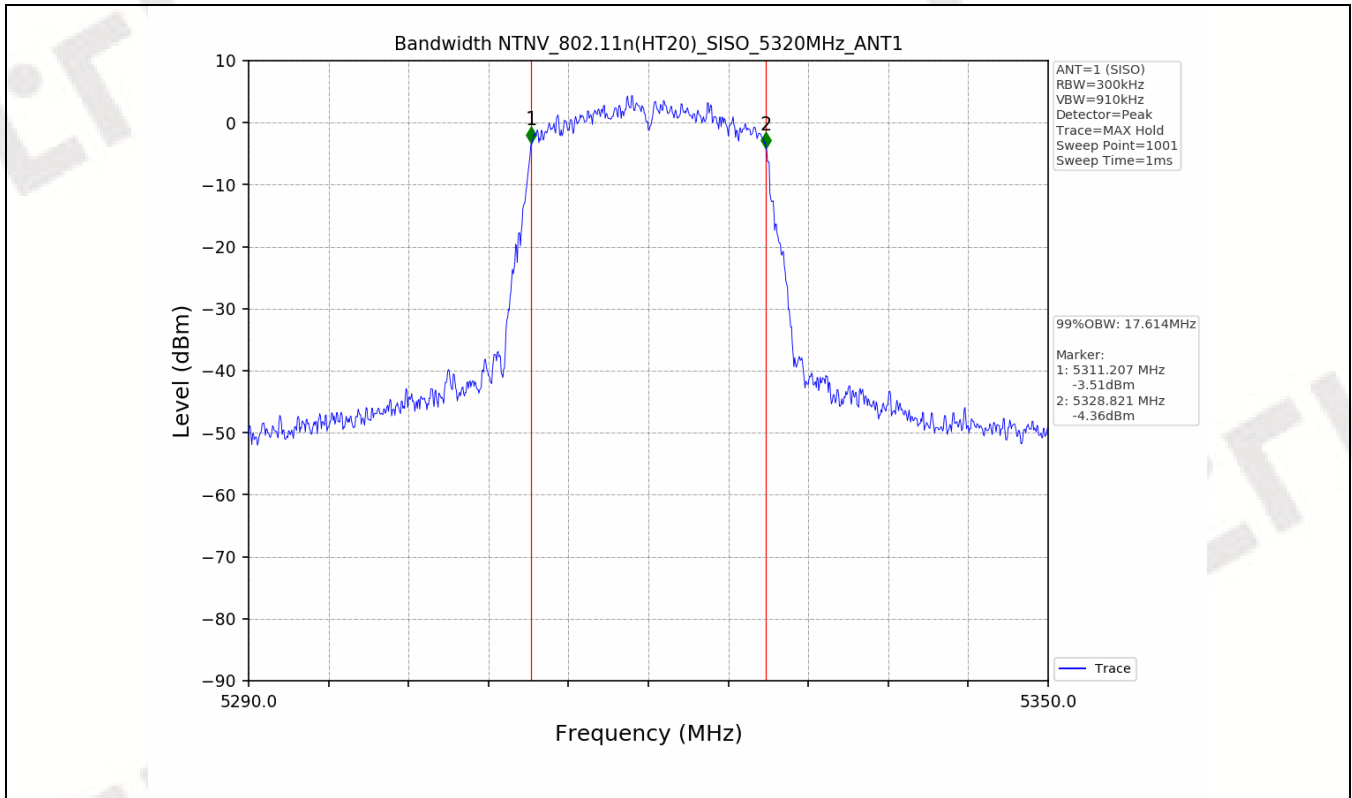


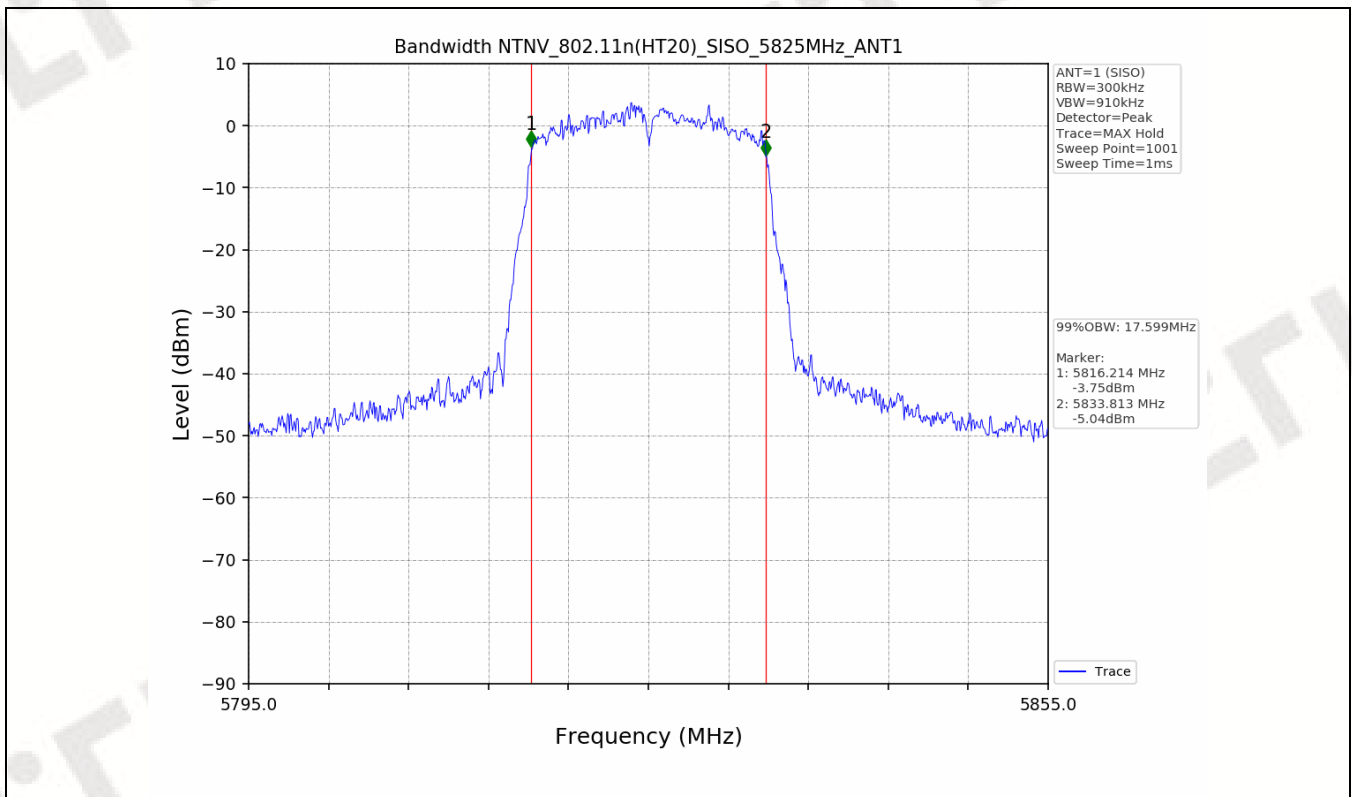
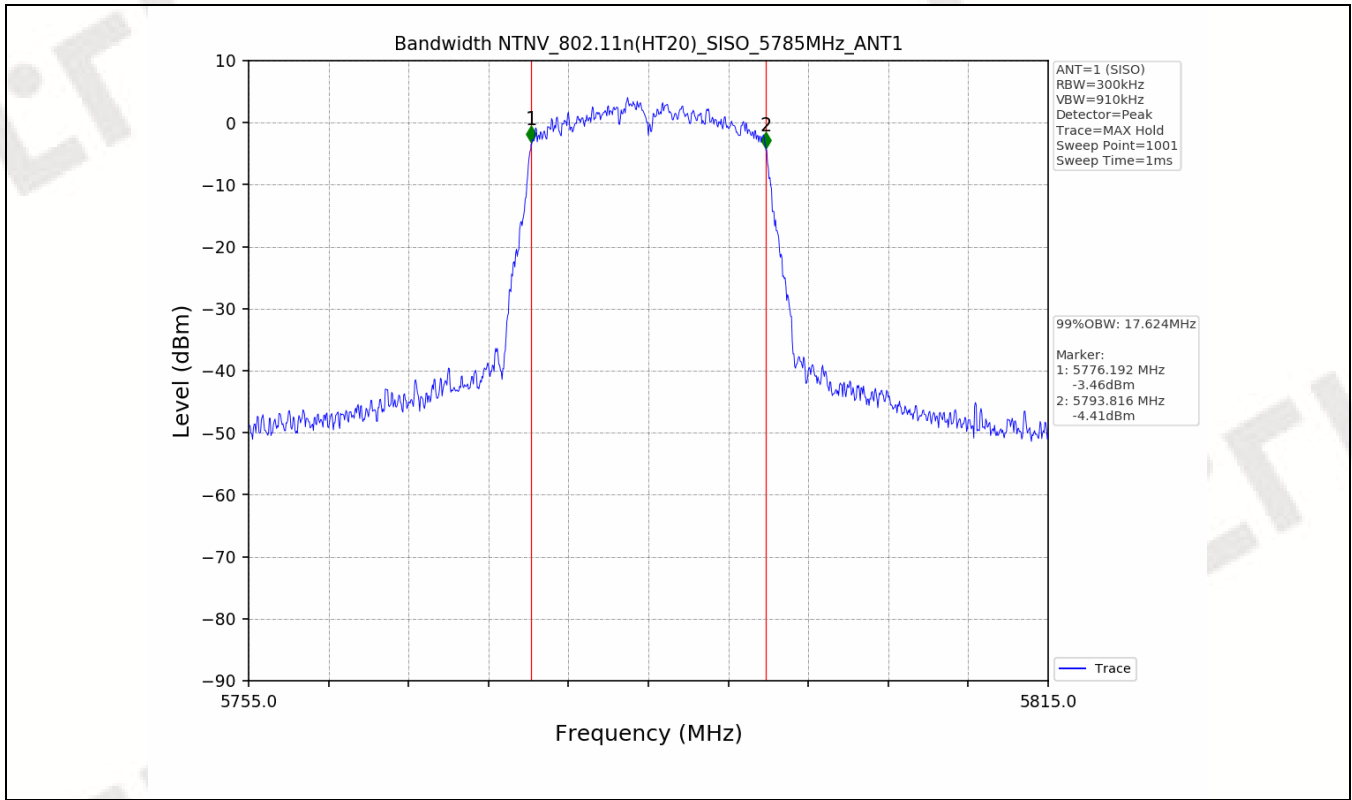


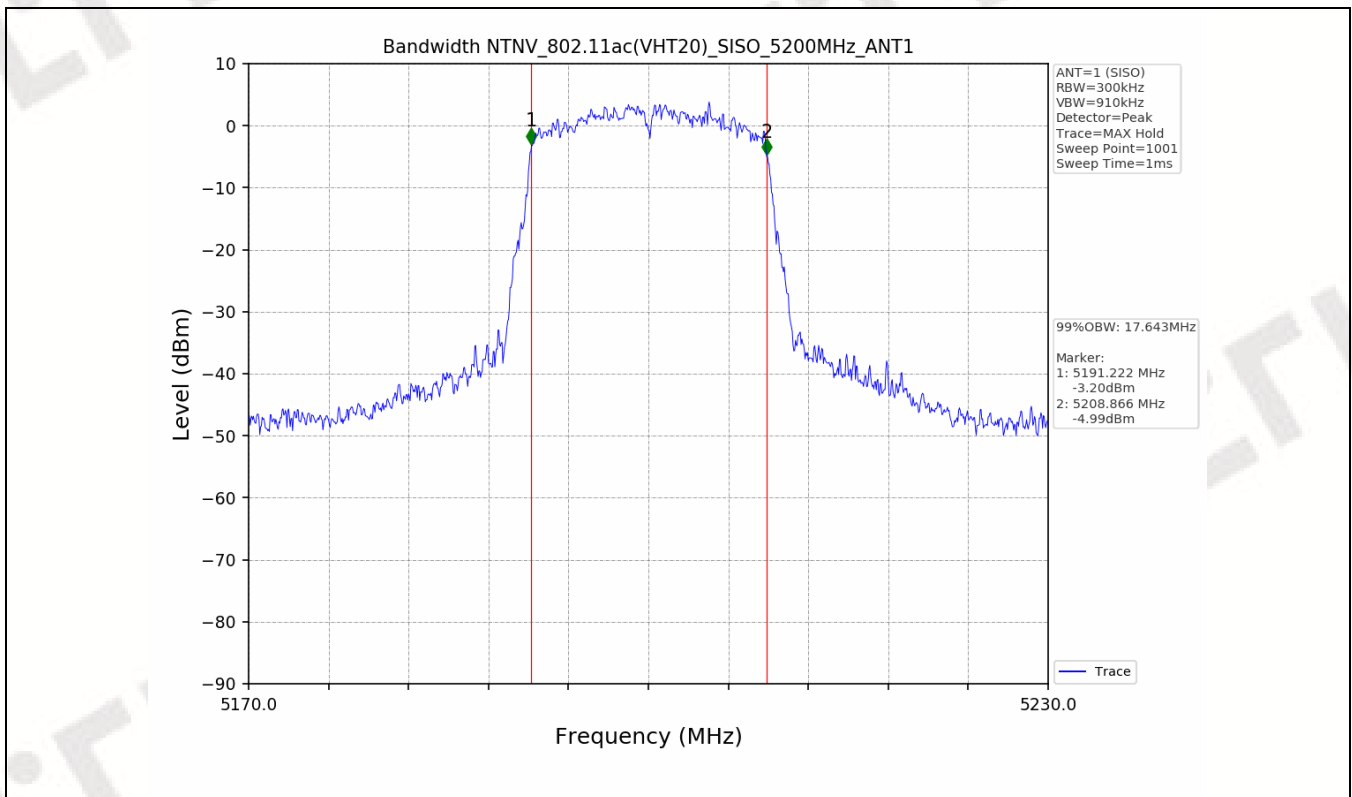
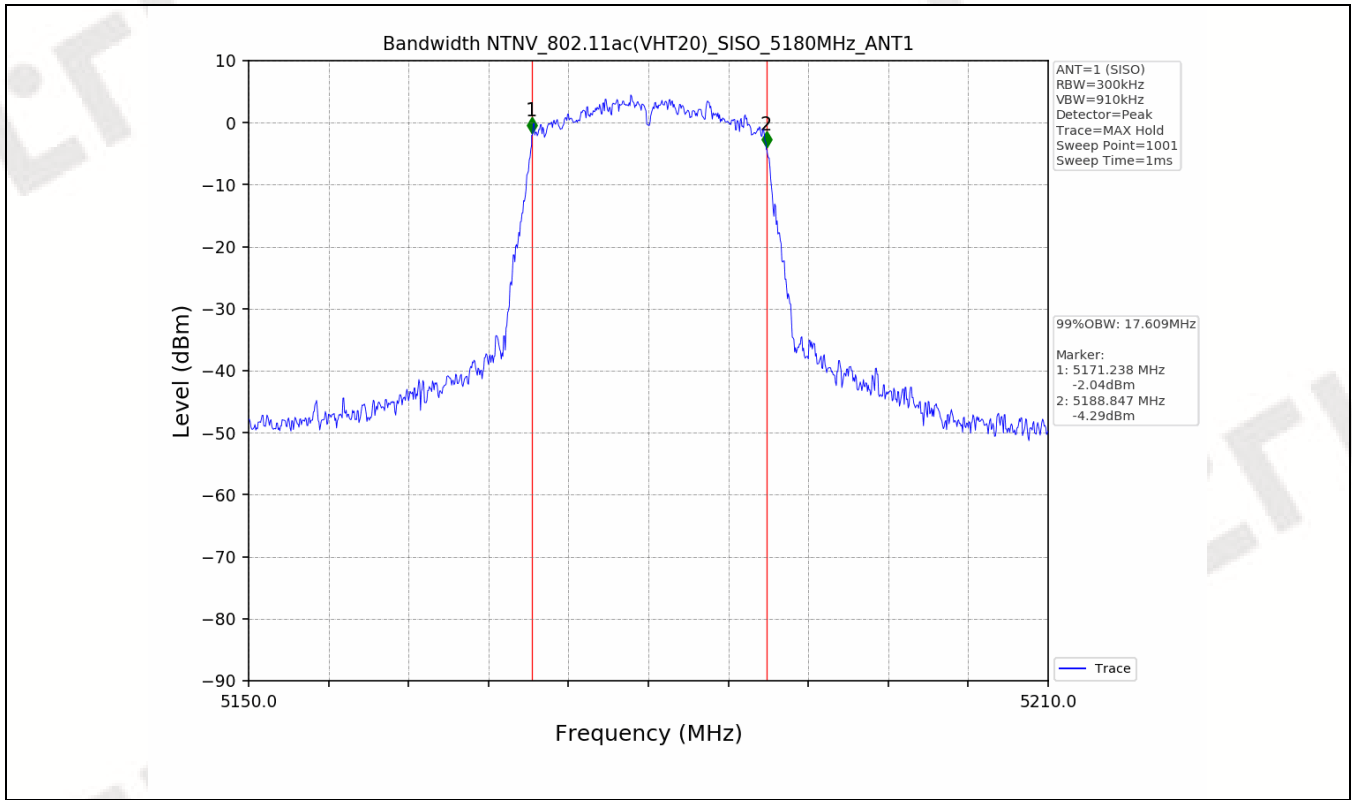


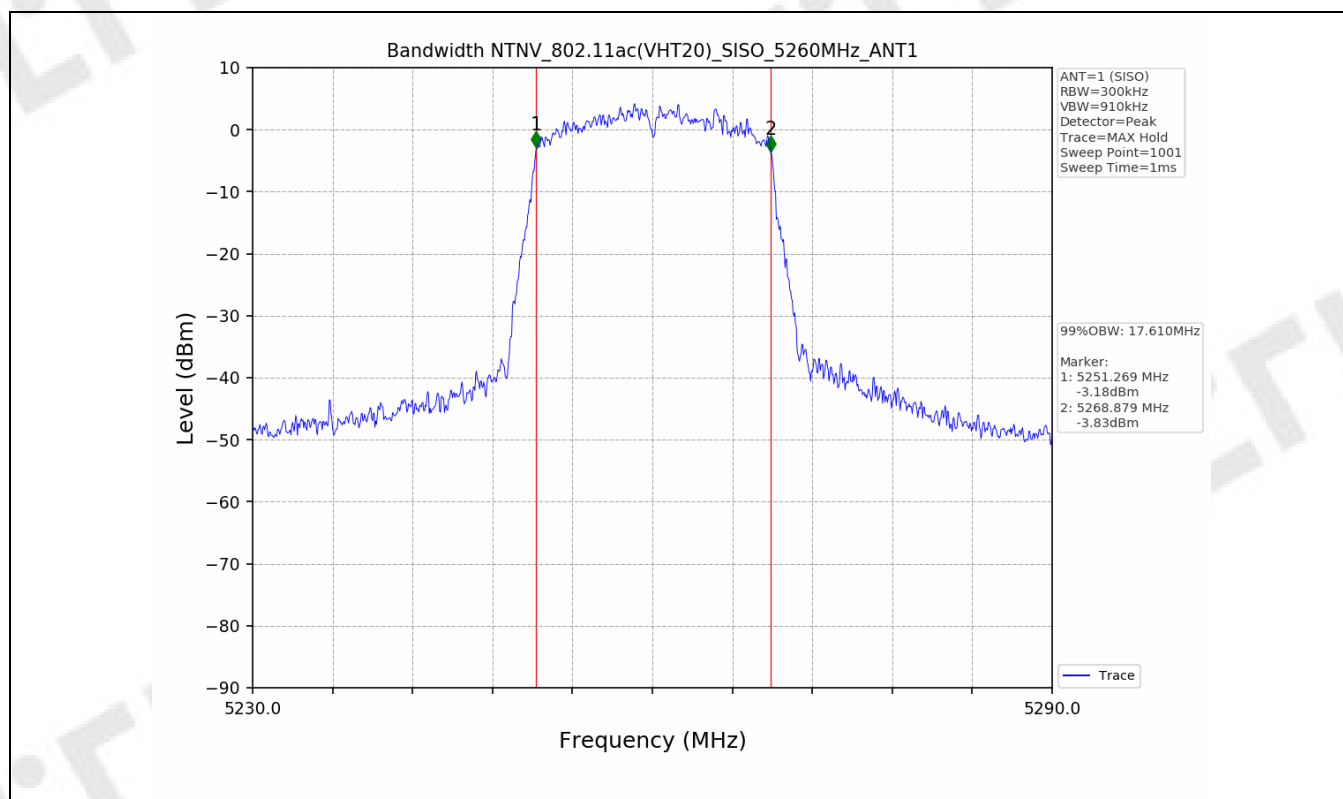
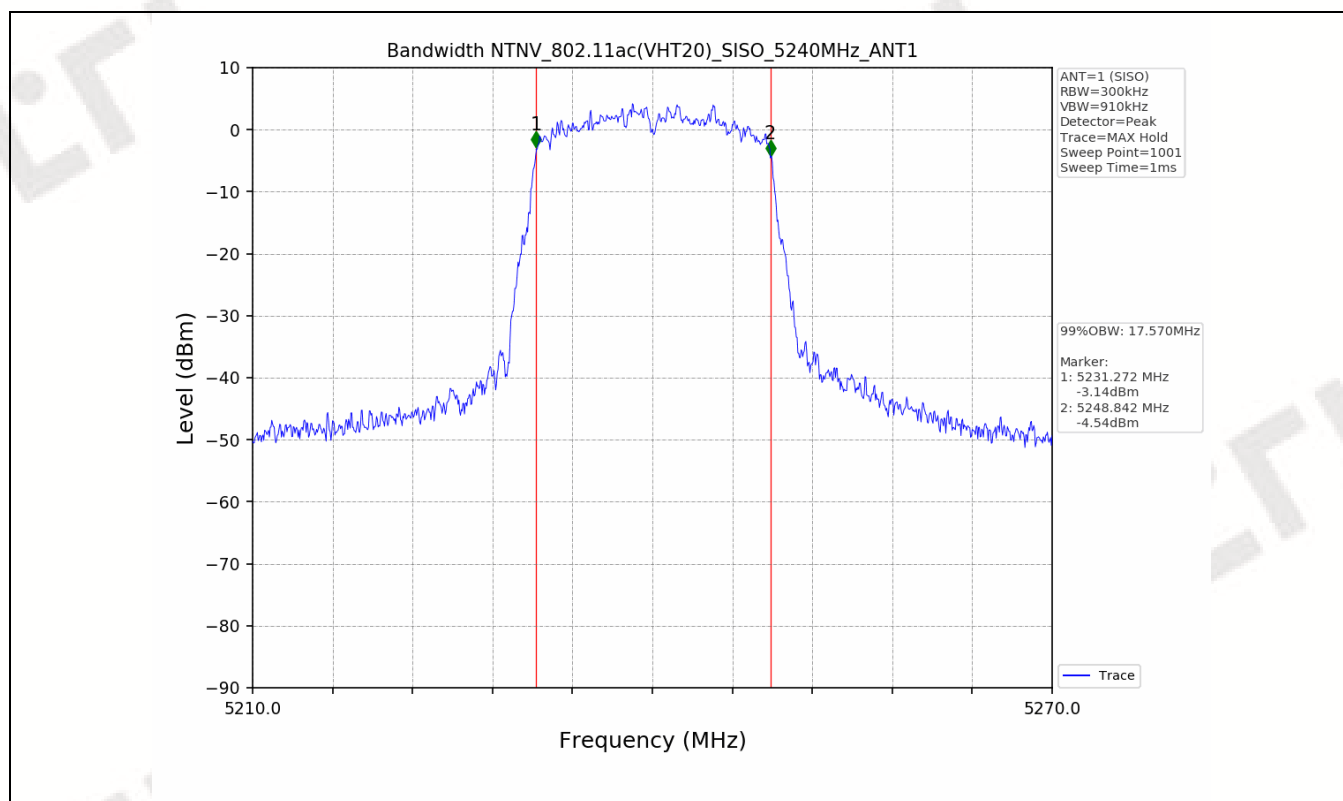


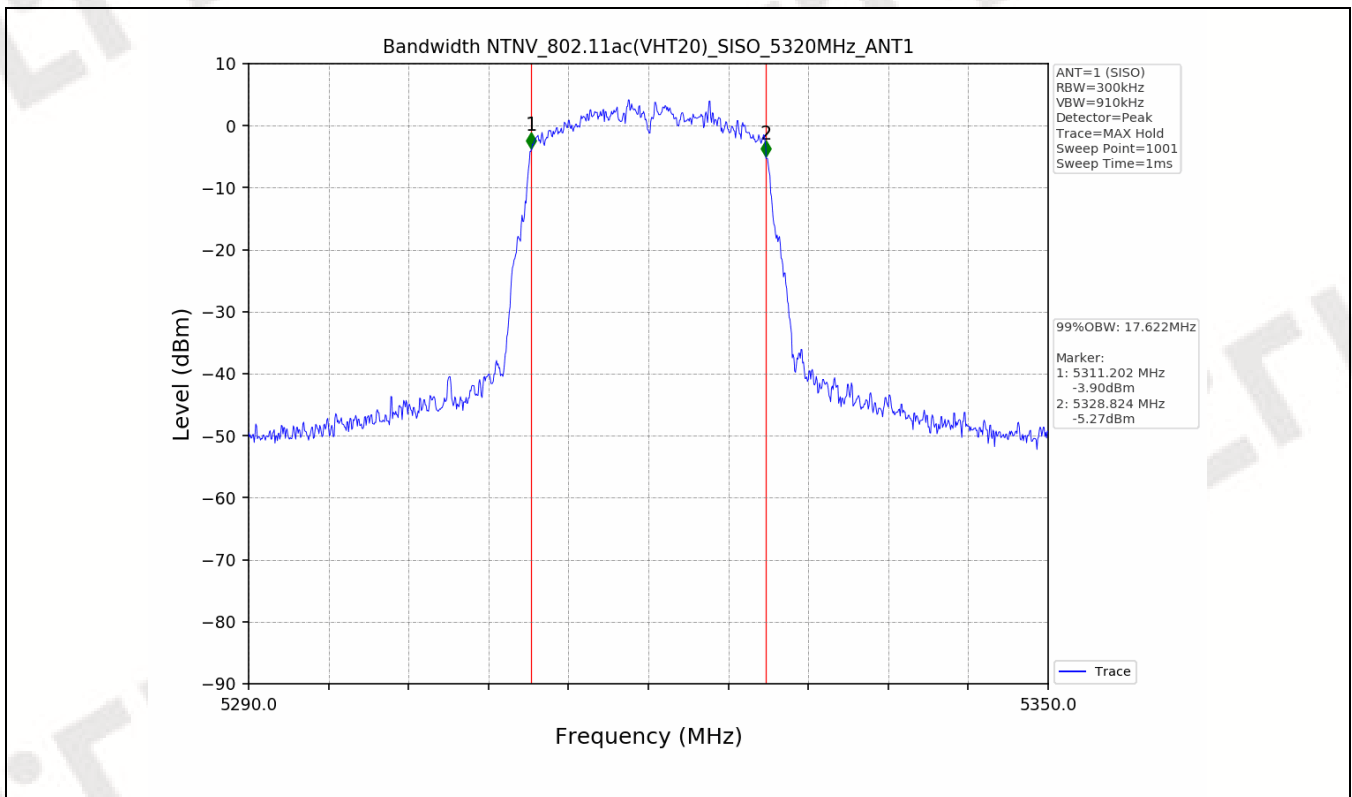
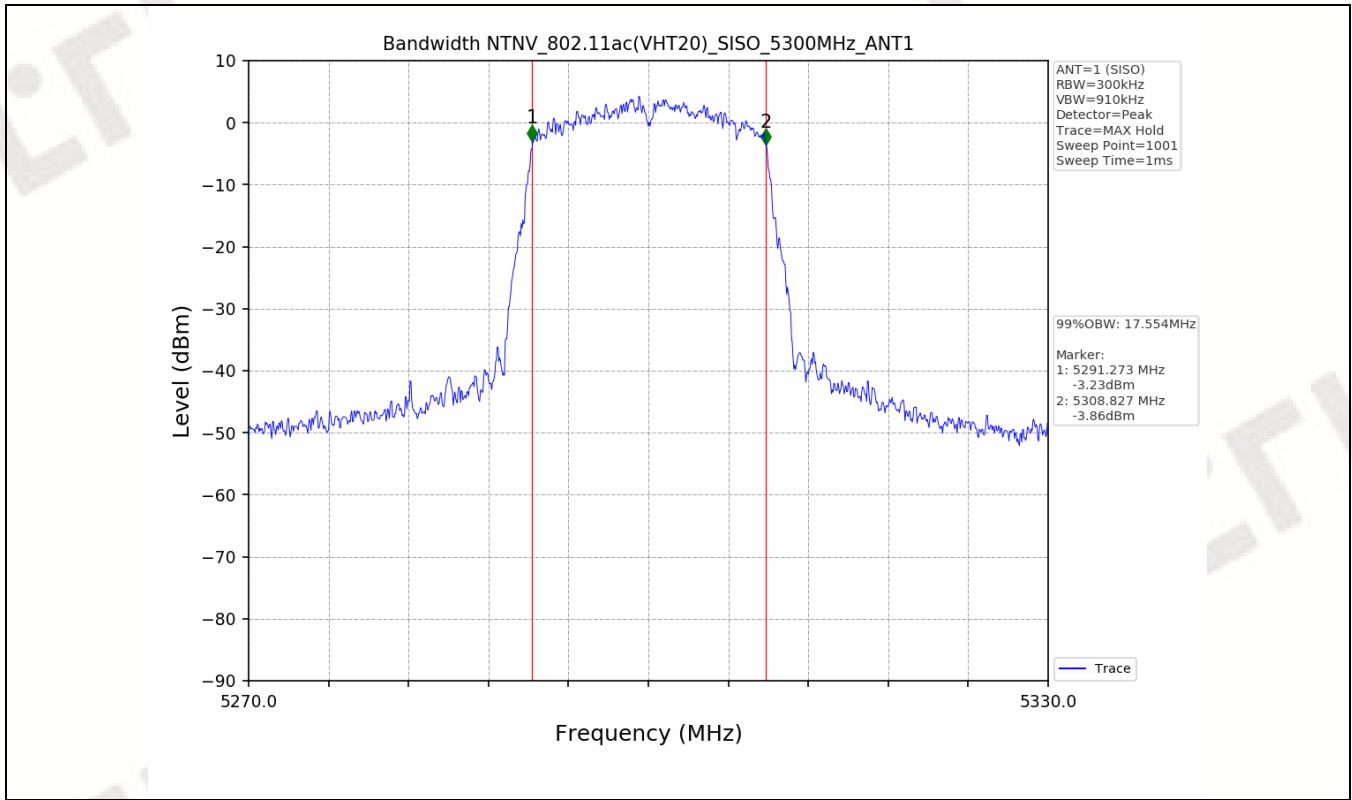


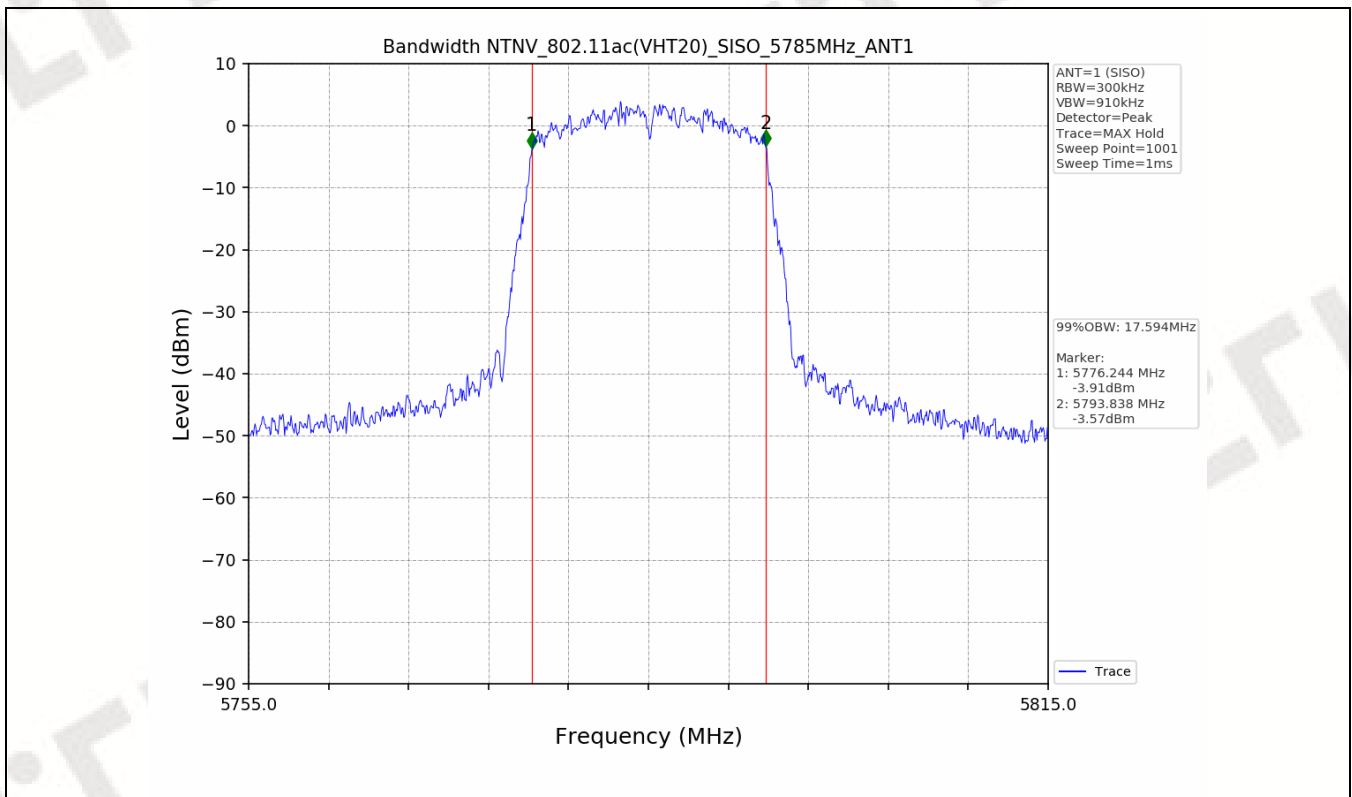
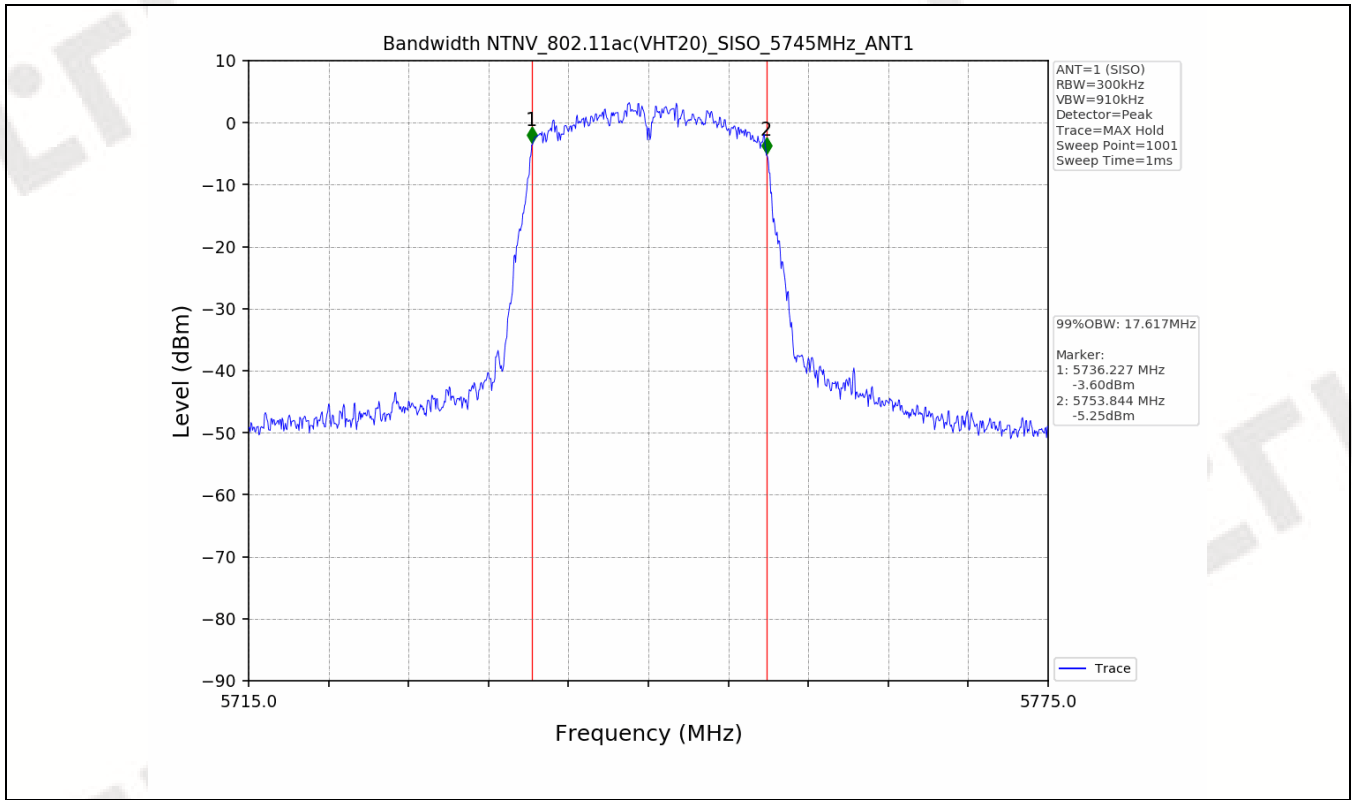


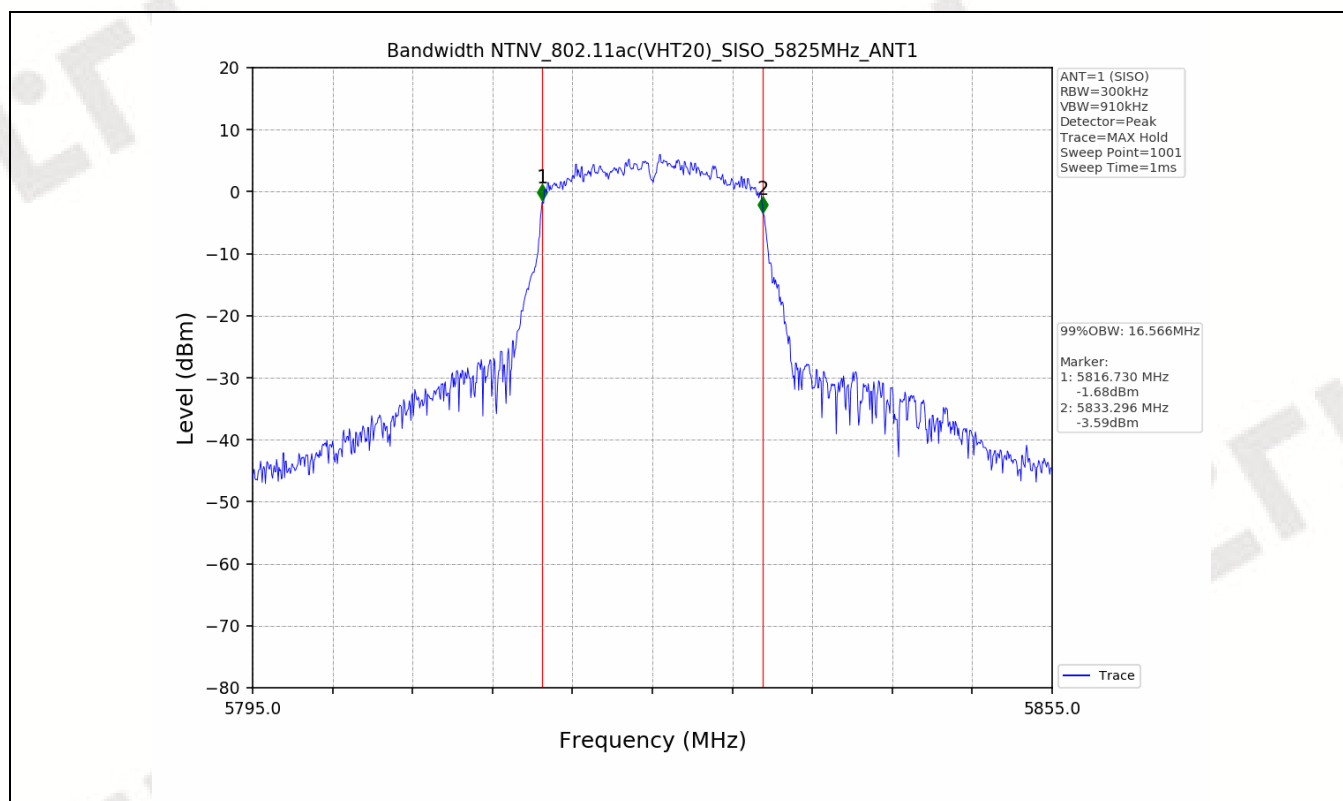












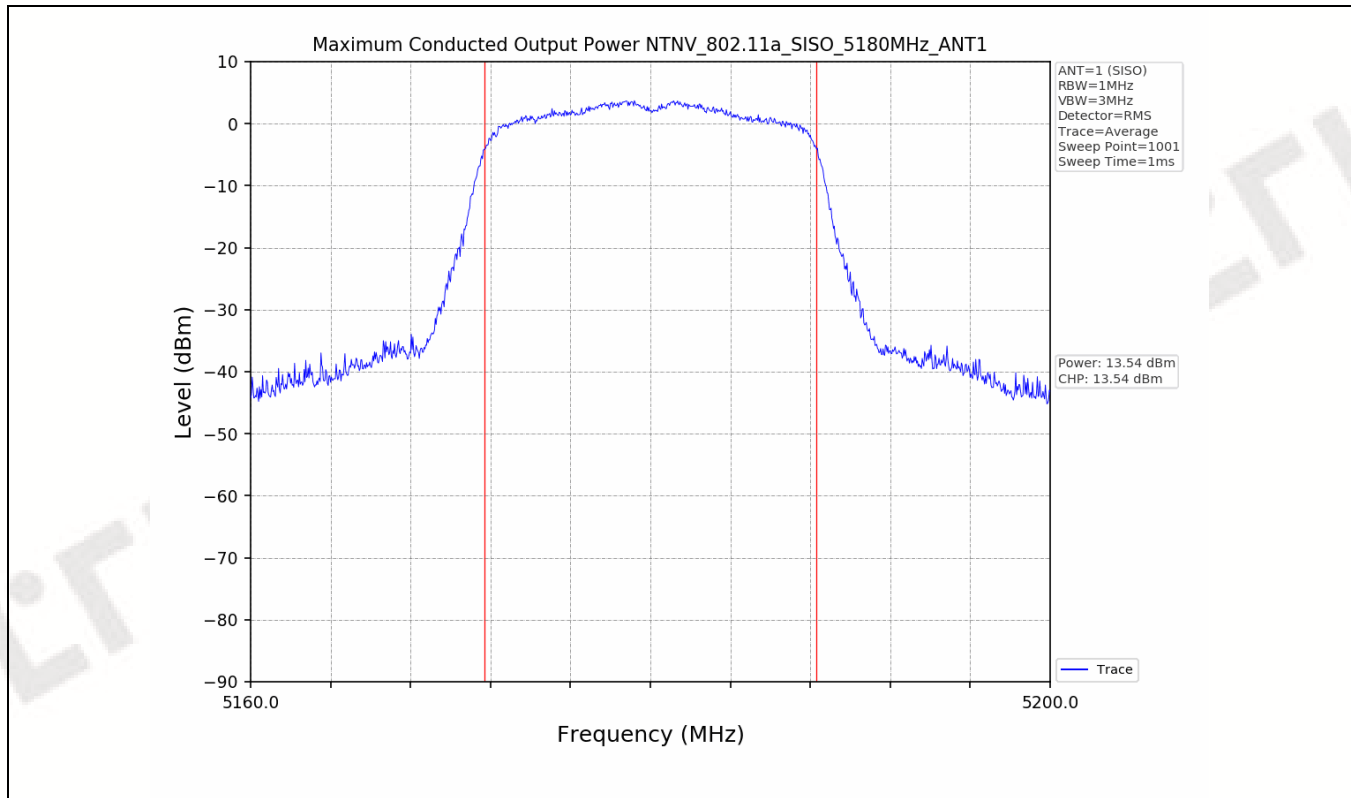
2. Maximum Conducted Output Power

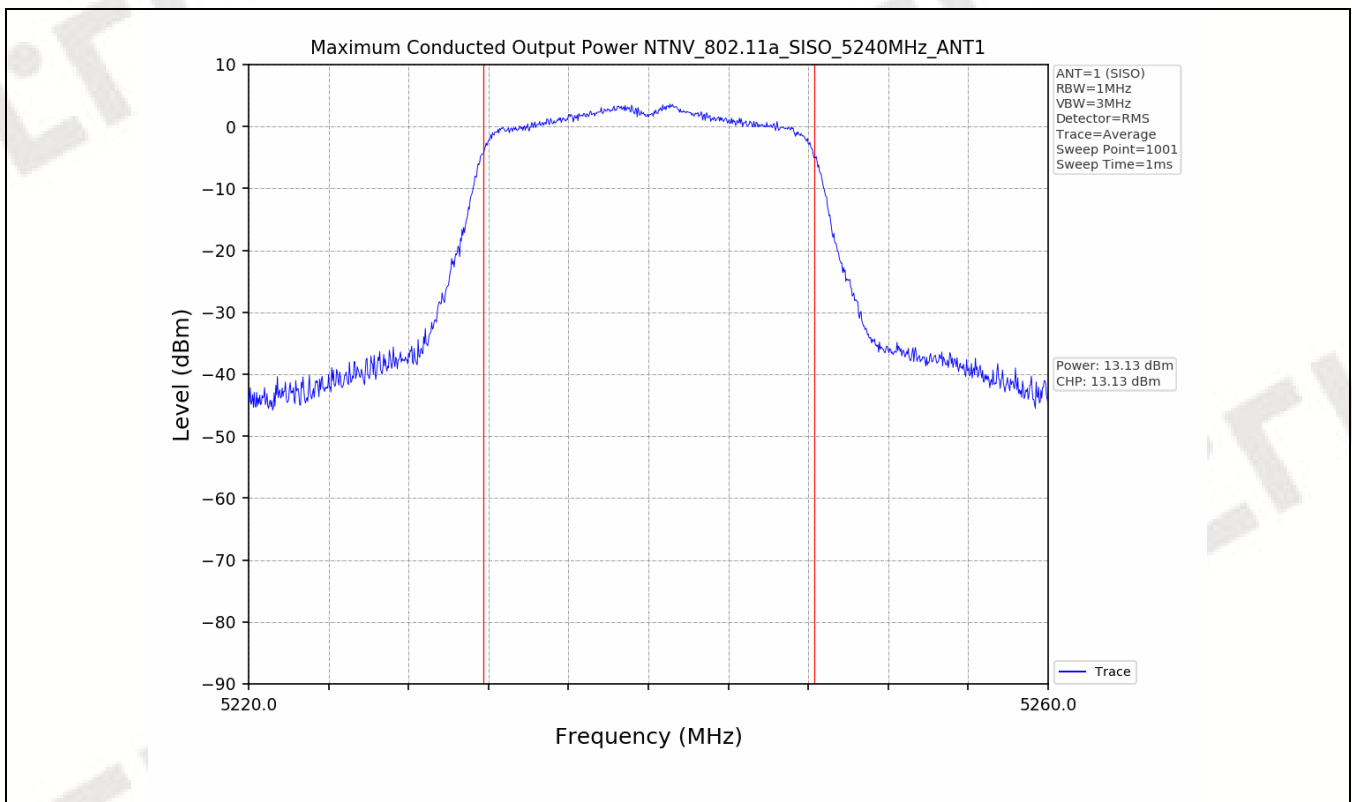
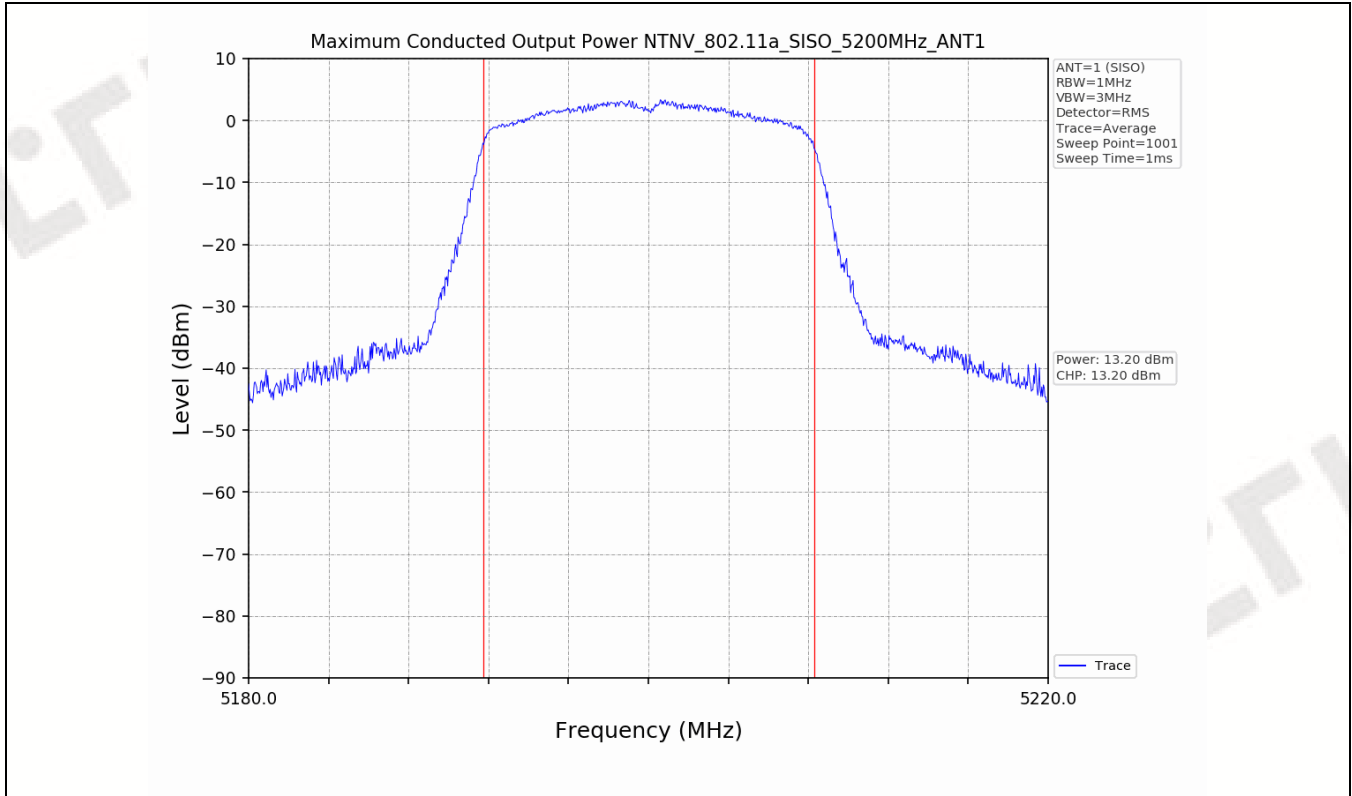
2.1 Test Result

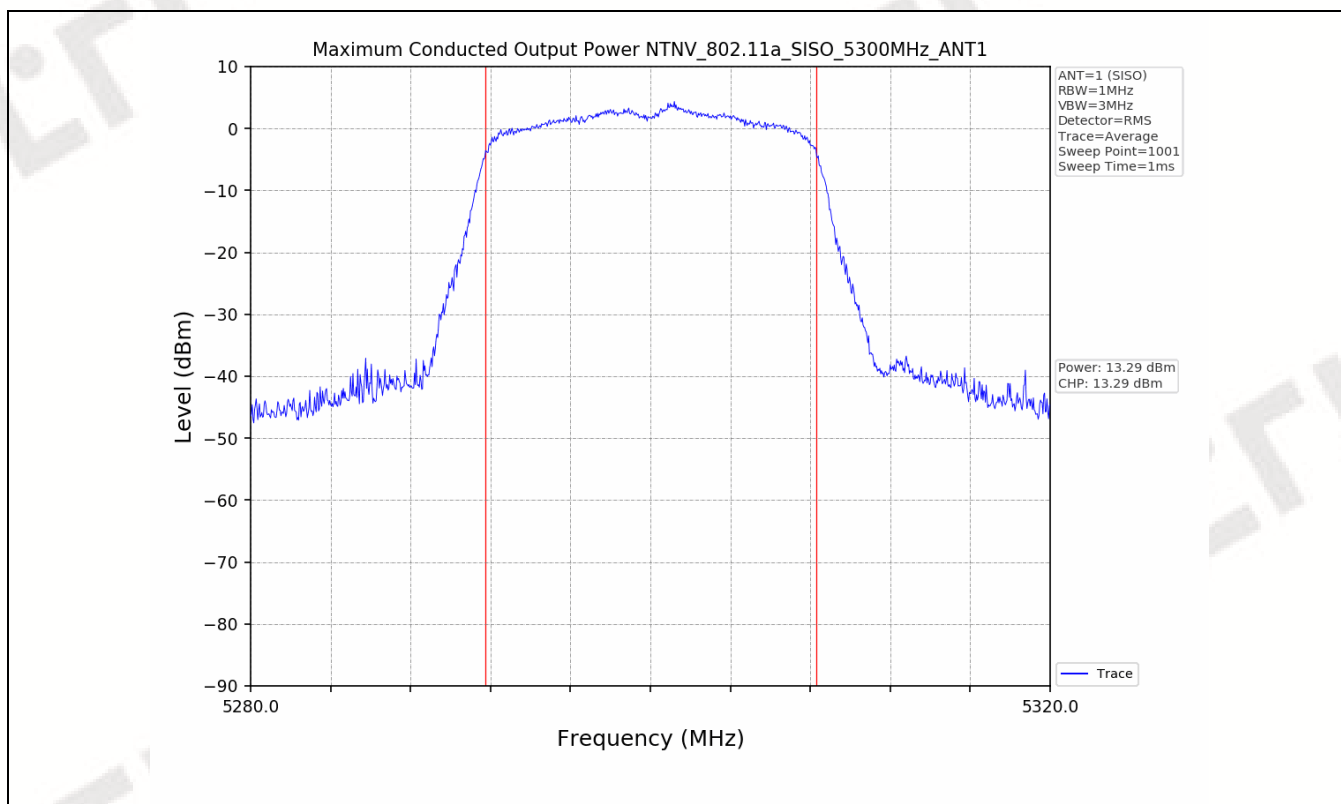
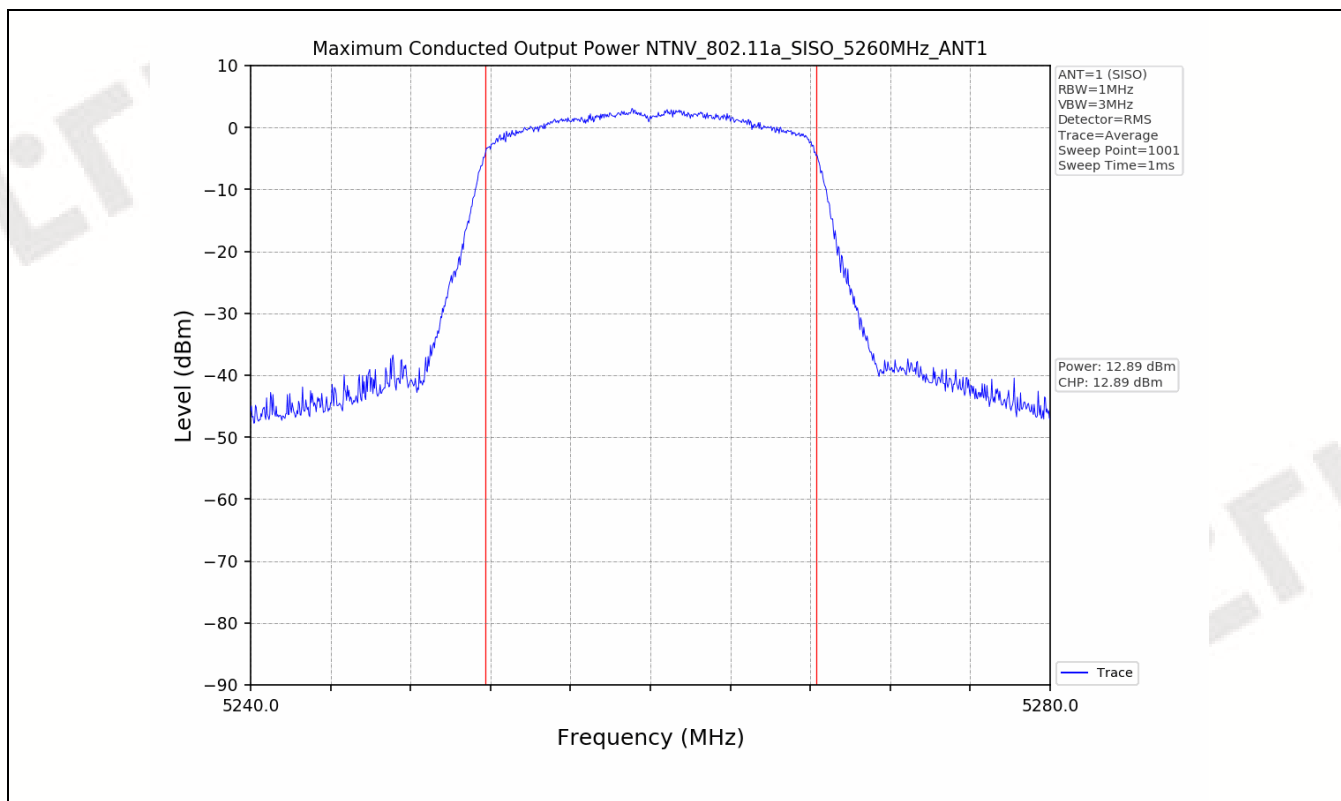
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	13.54	≤23.98	PASS
	5200	SISO	13.20	≤23.98	PASS
	5240	SISO	13.13	≤23.98	PASS
	5260	SISO	12.89	≤23.90	PASS
	5300	SISO	13.29	≤23.89	PASS
	5320	SISO	14.32	≤23.92	PASS
	5745	SISO	12.20	≤30.00	PASS
	5785	SISO	12.44	≤30.00	PASS
802.11n(HT20)	5825	SISO	12.65	≤30.00	PASS
	5180	SISO	10.68	≤23.98	PASS
	5200	SISO	12.14	≤23.98	PASS
	5240	SISO	12.28	≤23.98	PASS
	5260	SISO	11.20	≤23.96	PASS
	5300	SISO	12.31	≤23.94	PASS
	5320	SISO	12.06	≤23.98	PASS
	5745	SISO	9.80	≤30.00	PASS
802.11ac(VHT20)	5785	SISO	10.64	≤30.00	PASS
	5825	SISO	9.69	≤30.00	PASS
	5180	SISO	11.38	≤23.98	PASS
	5200	SISO	10.79	≤23.98	PASS

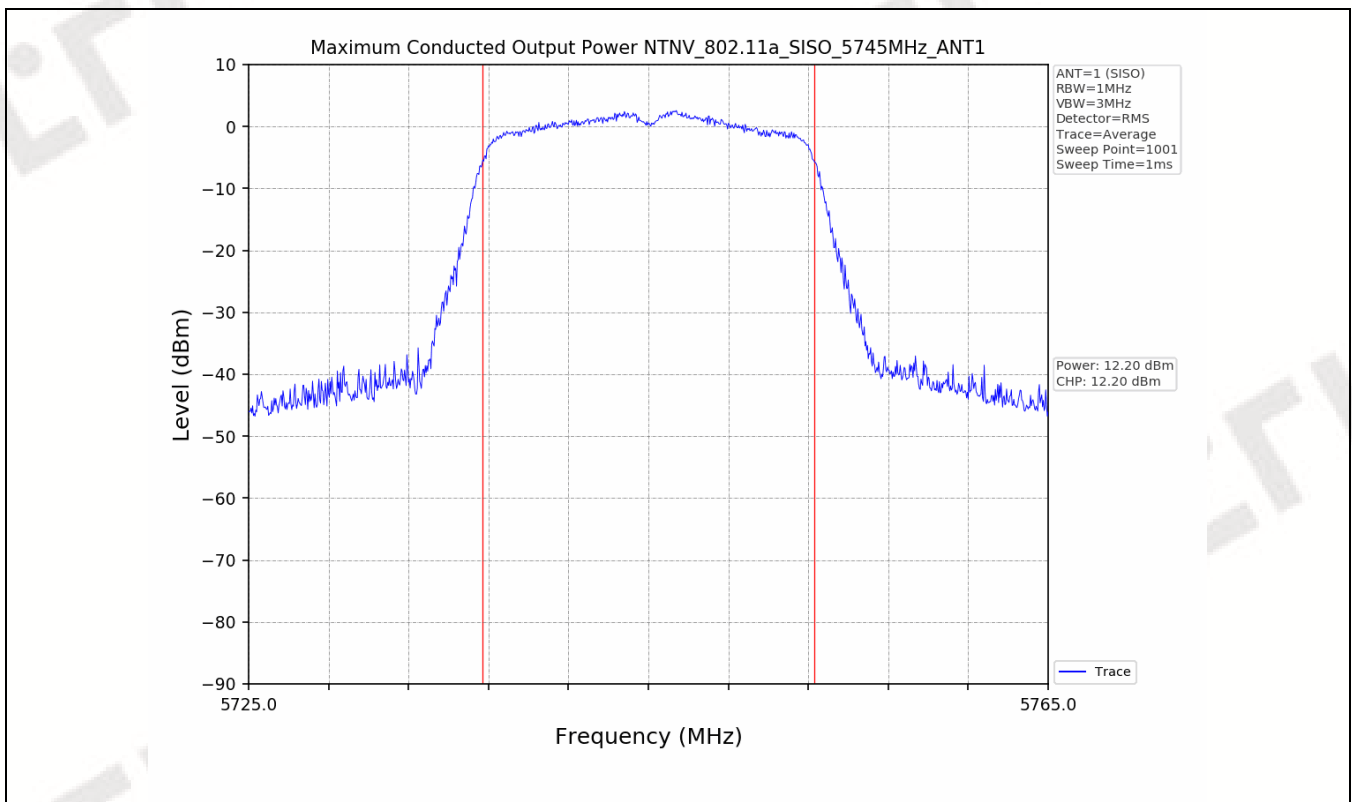
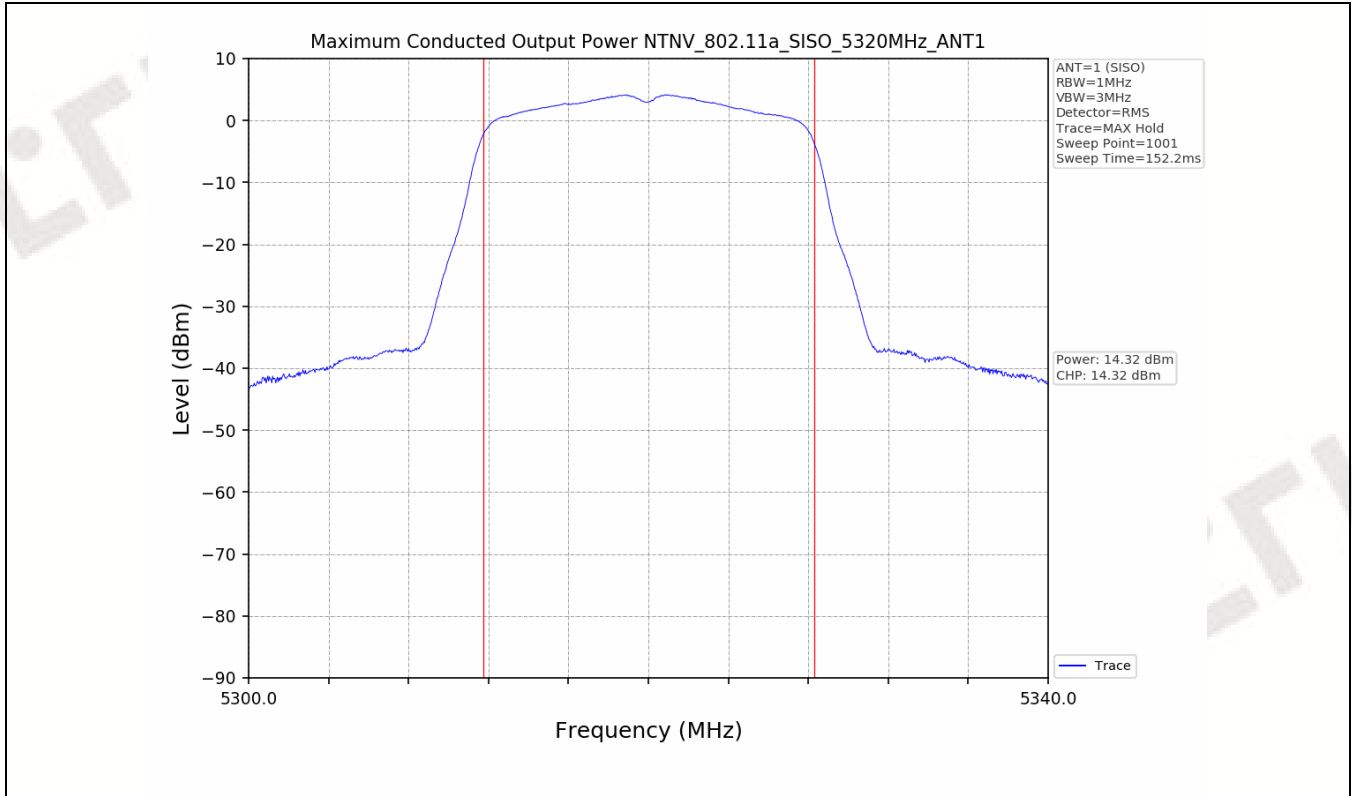
	5240	SISO	10.73	≤ 23.98	PASS
	5260	SISO	10.82	≤ 23.97	PASS
	5300	SISO	10.90	≤ 23.94	PASS
	5320	SISO	10.68	≤ 23.98	PASS
	5745	SISO	12.35	≤ 30.00	PASS
	5785	SISO	10.15	≤ 30.00	PASS
	5825	SISO	8.84	≤ 30.00	PASS

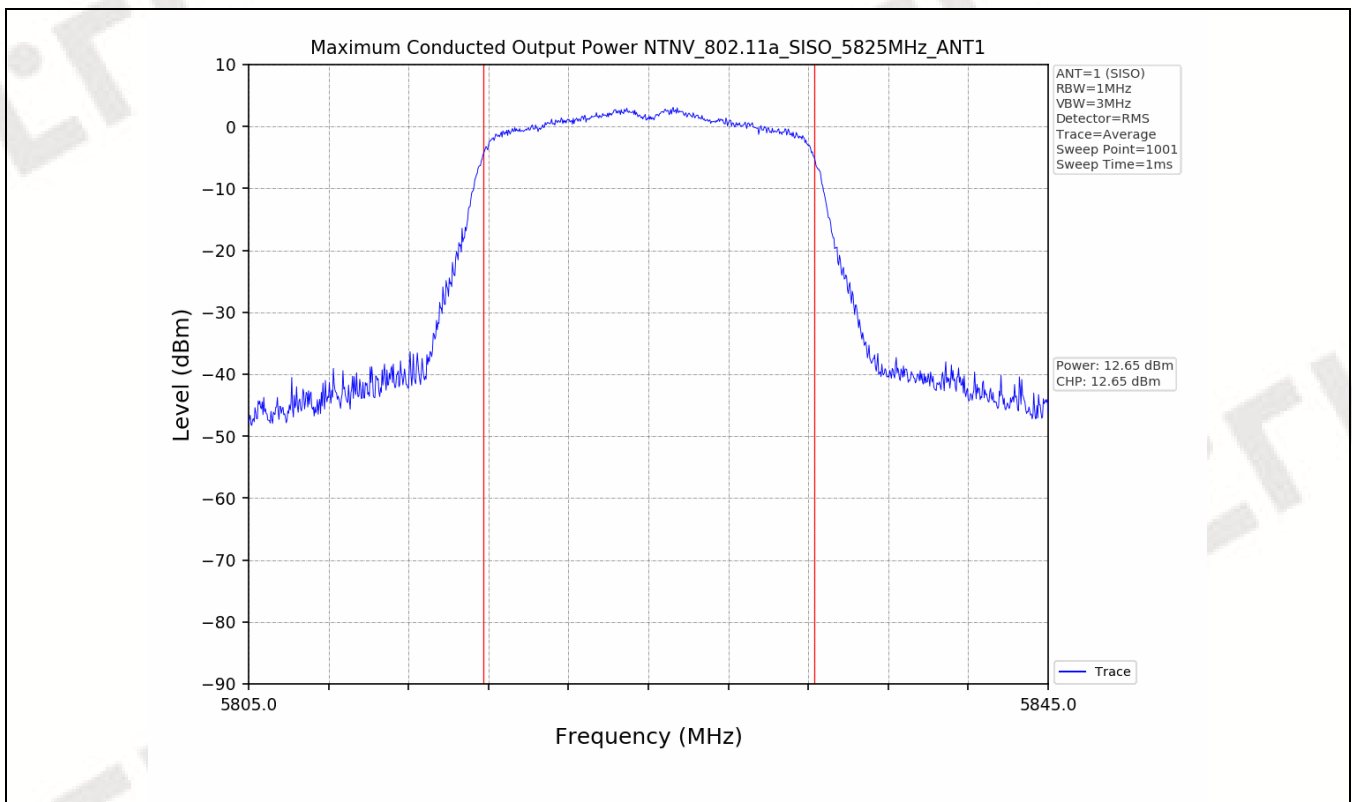
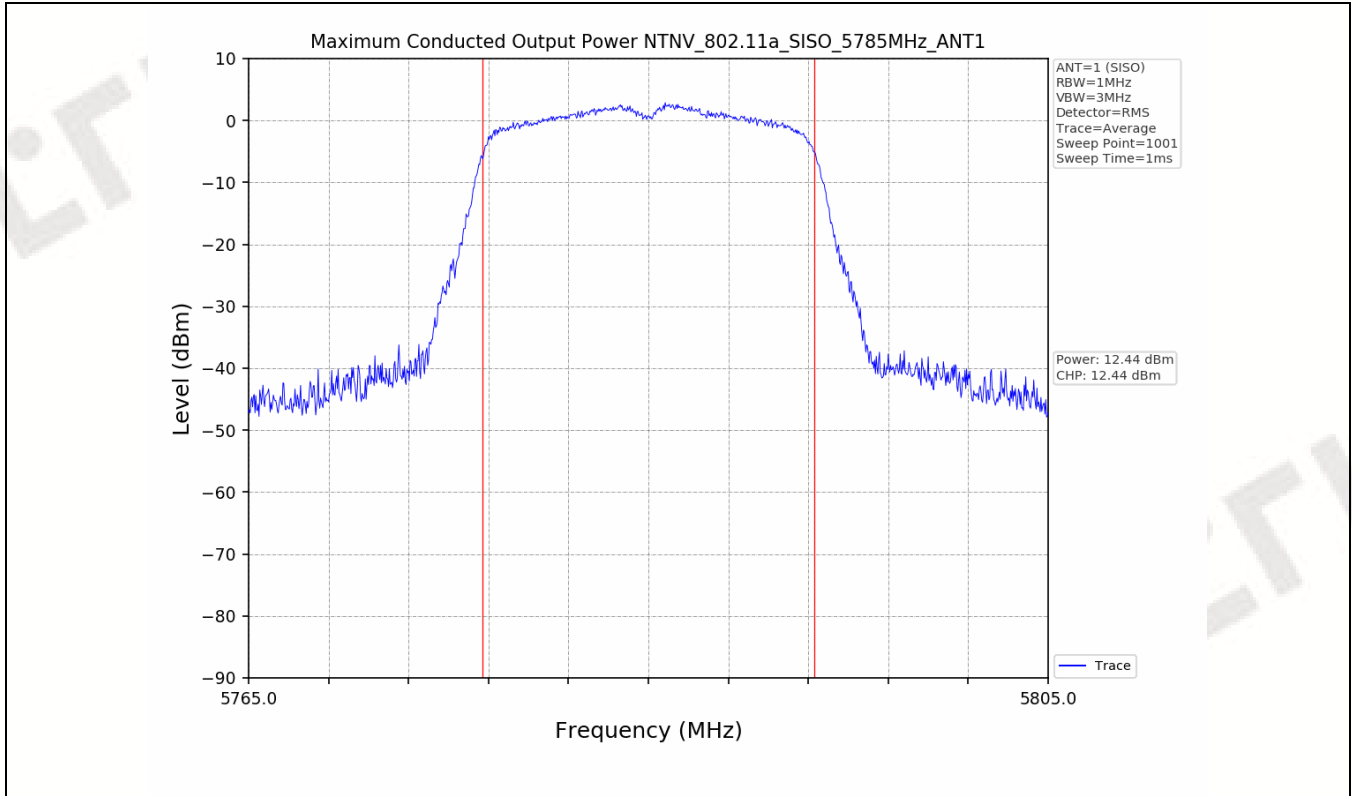
2.2 Test Graph

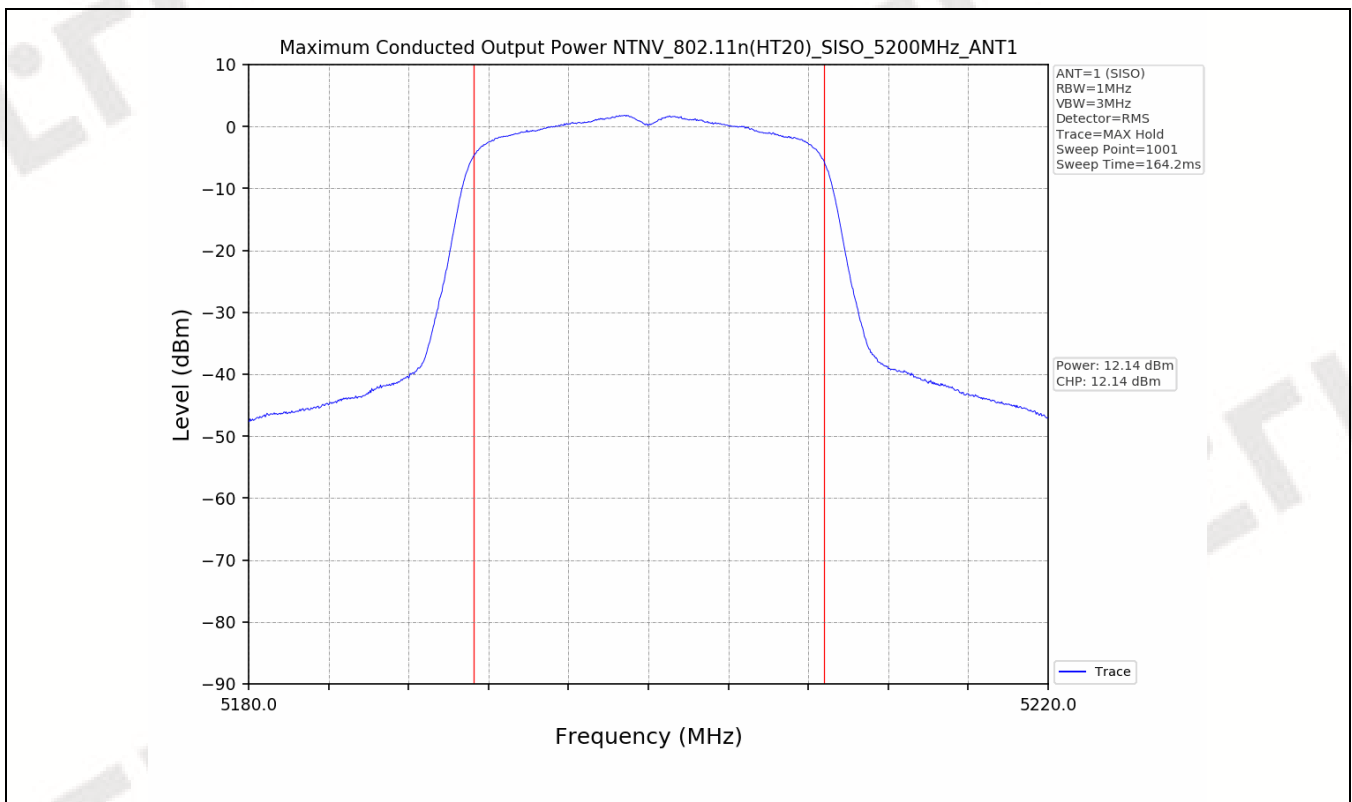
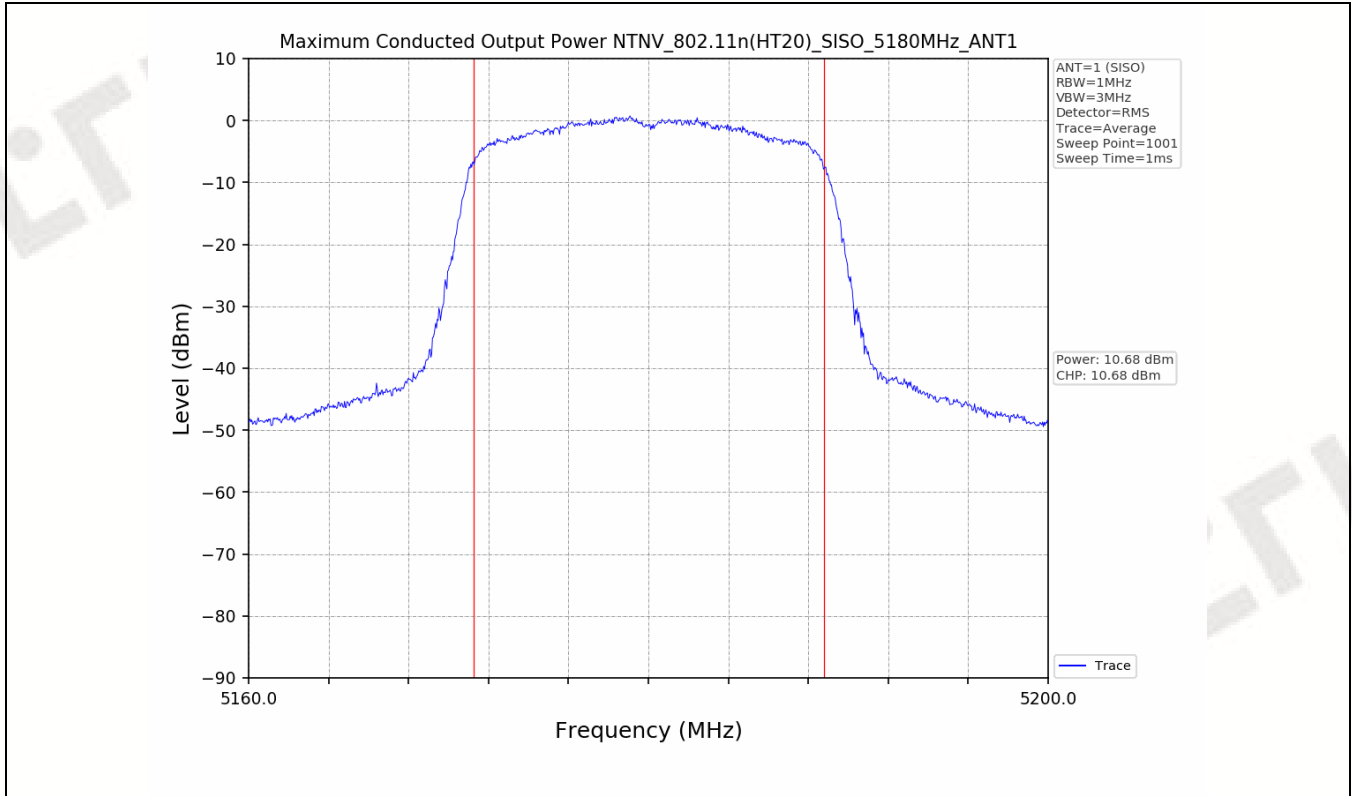


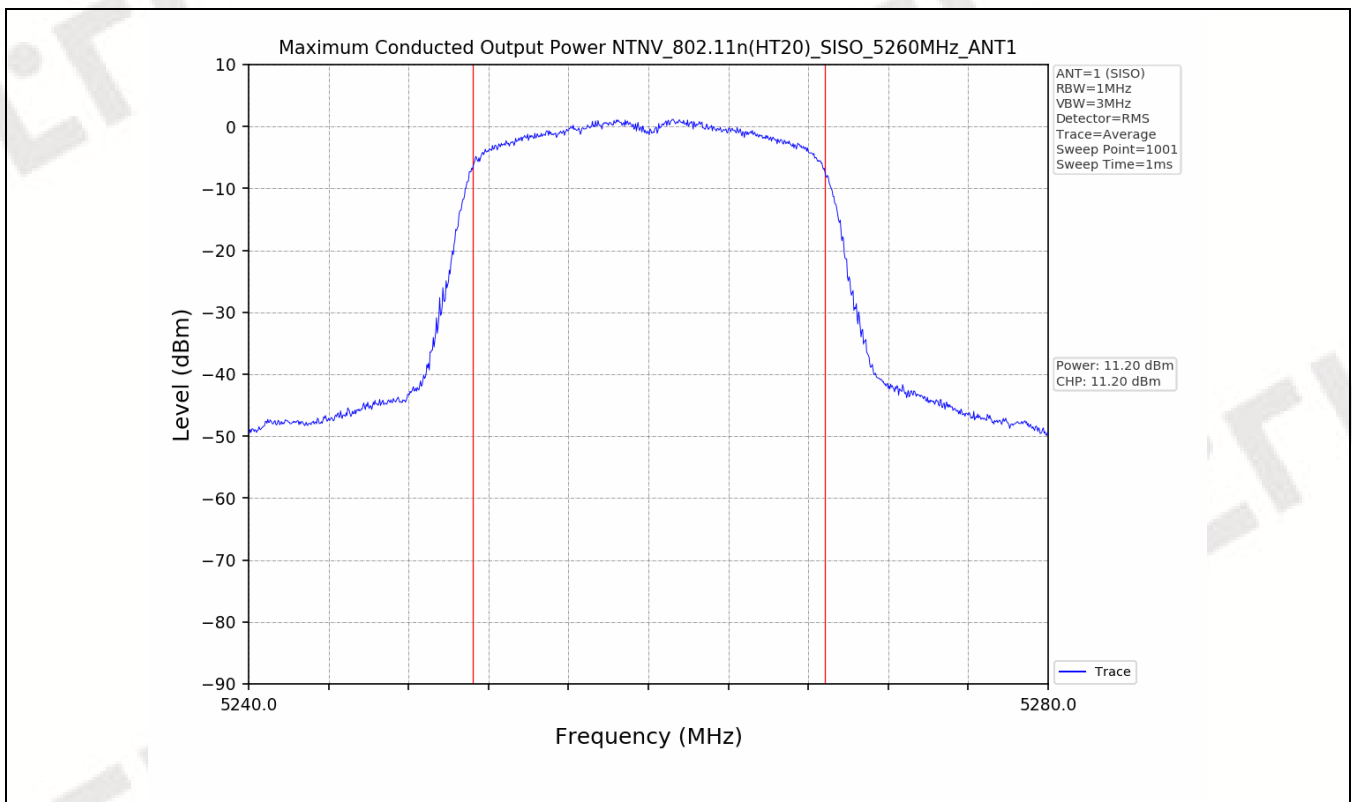
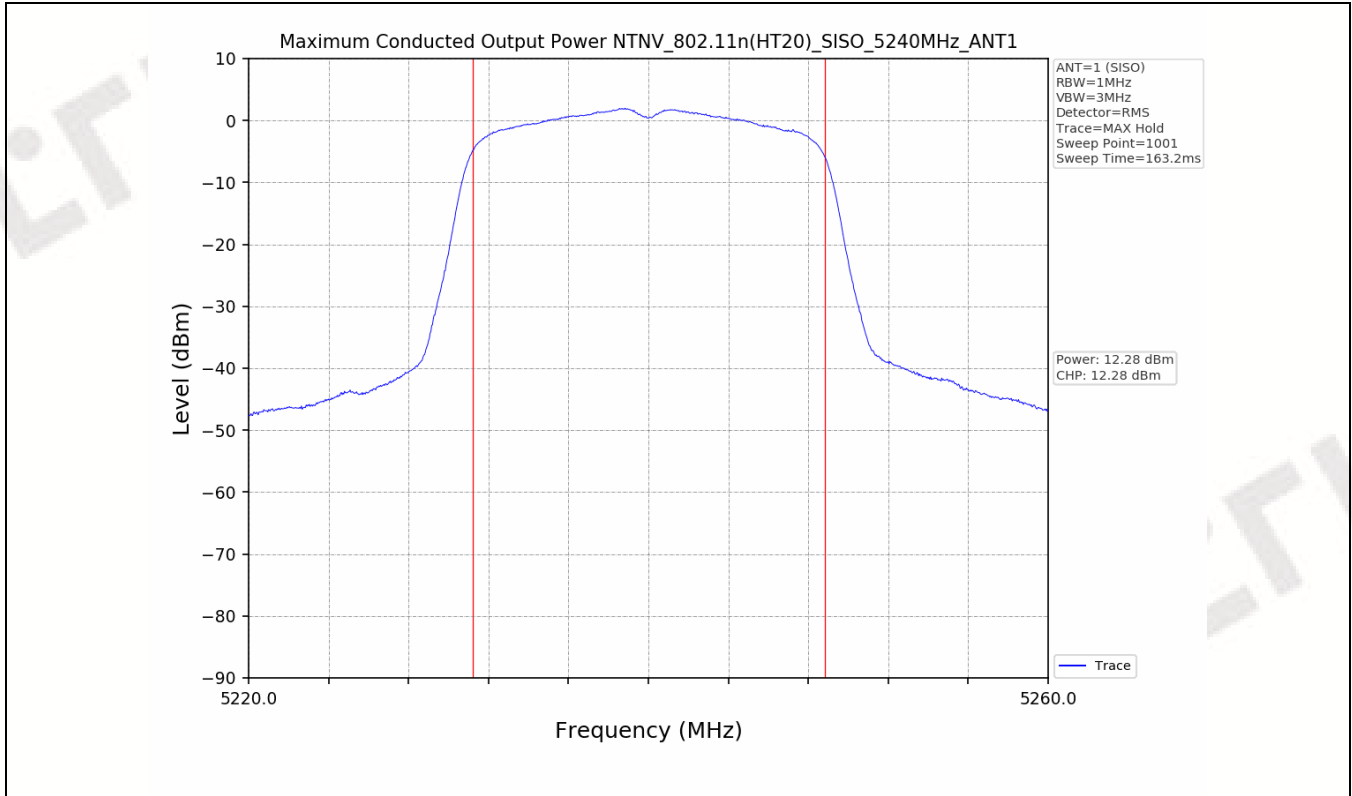


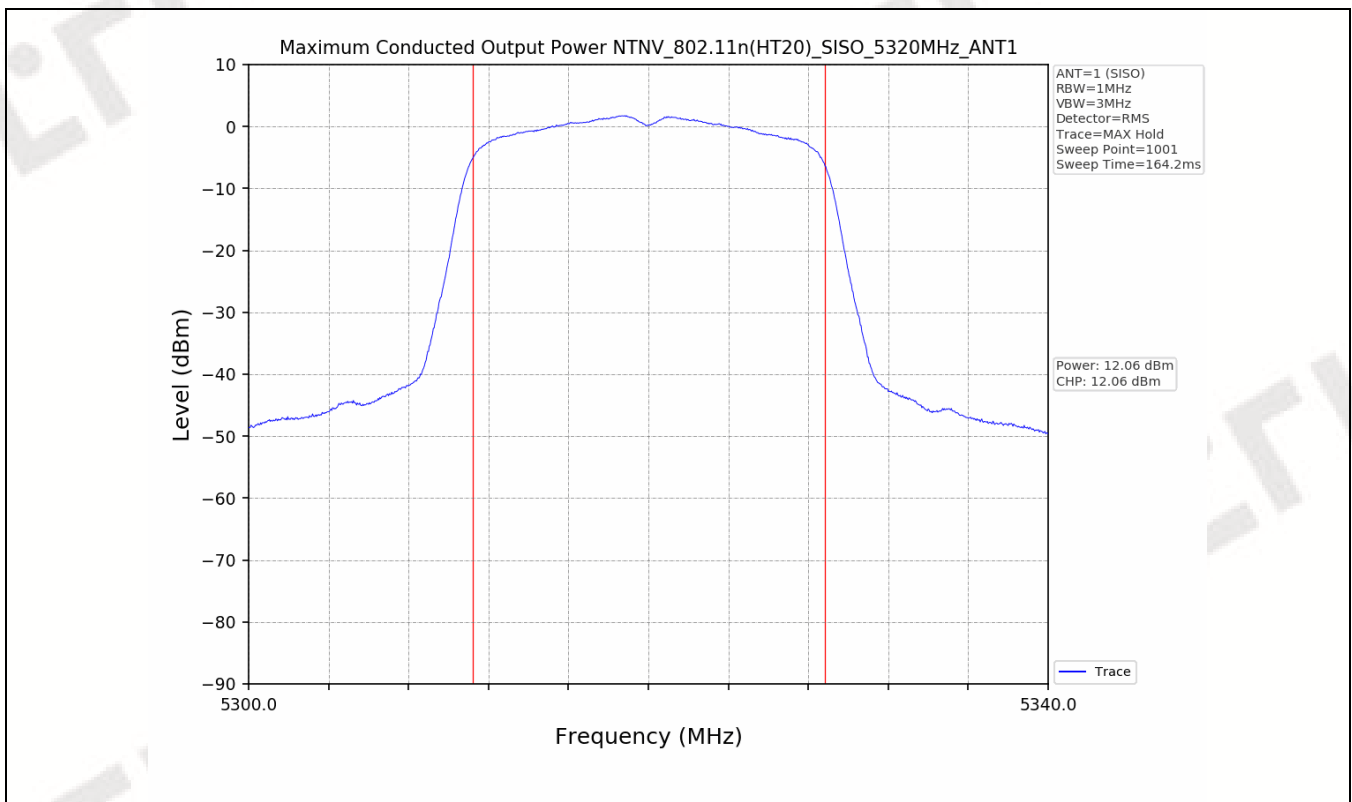
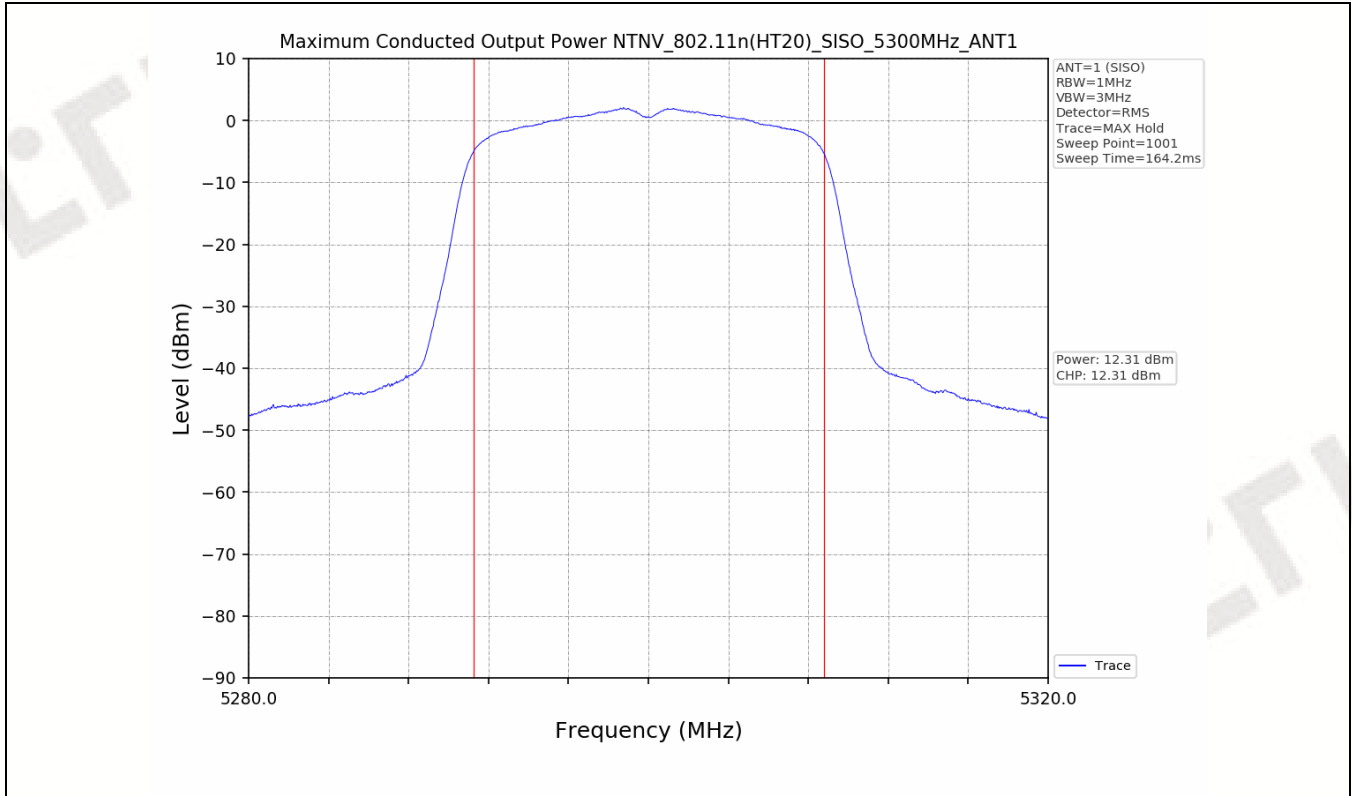


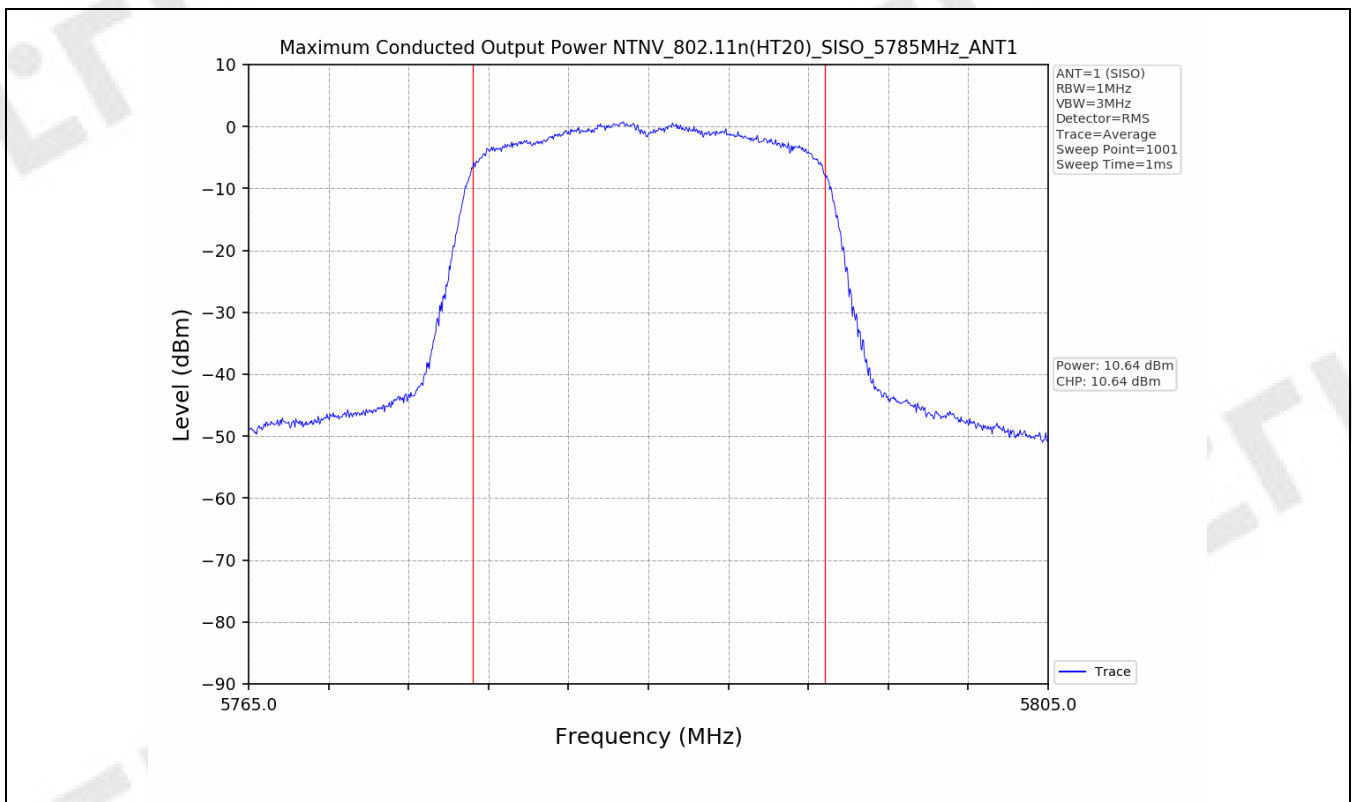
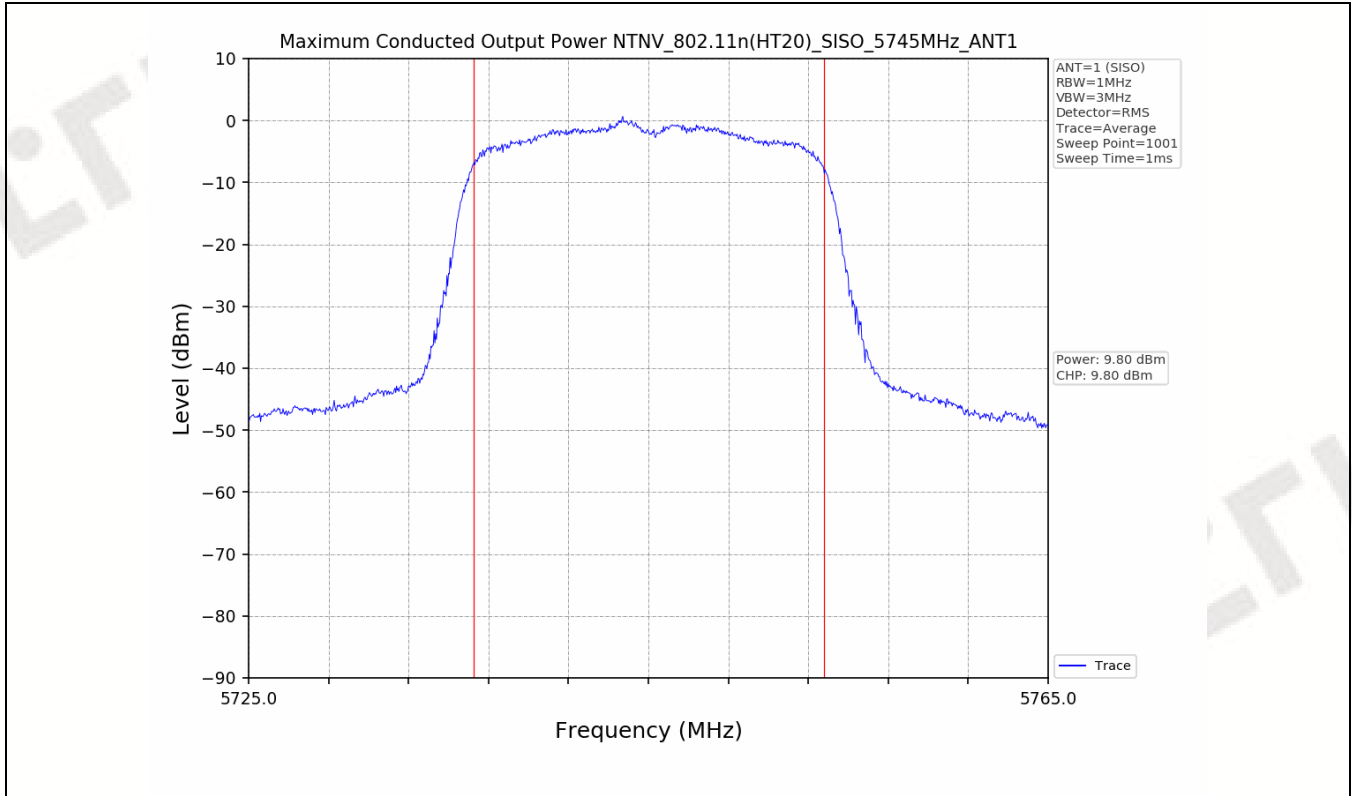


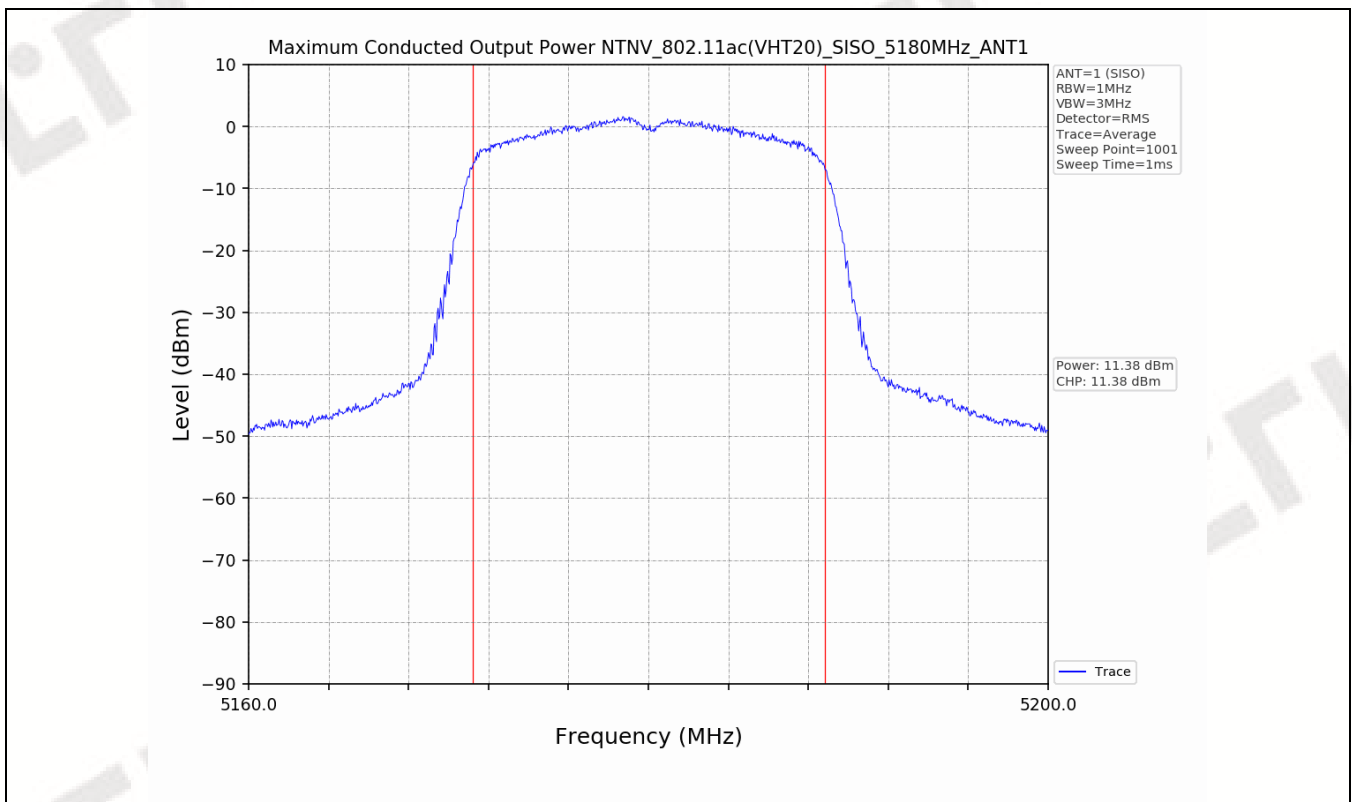
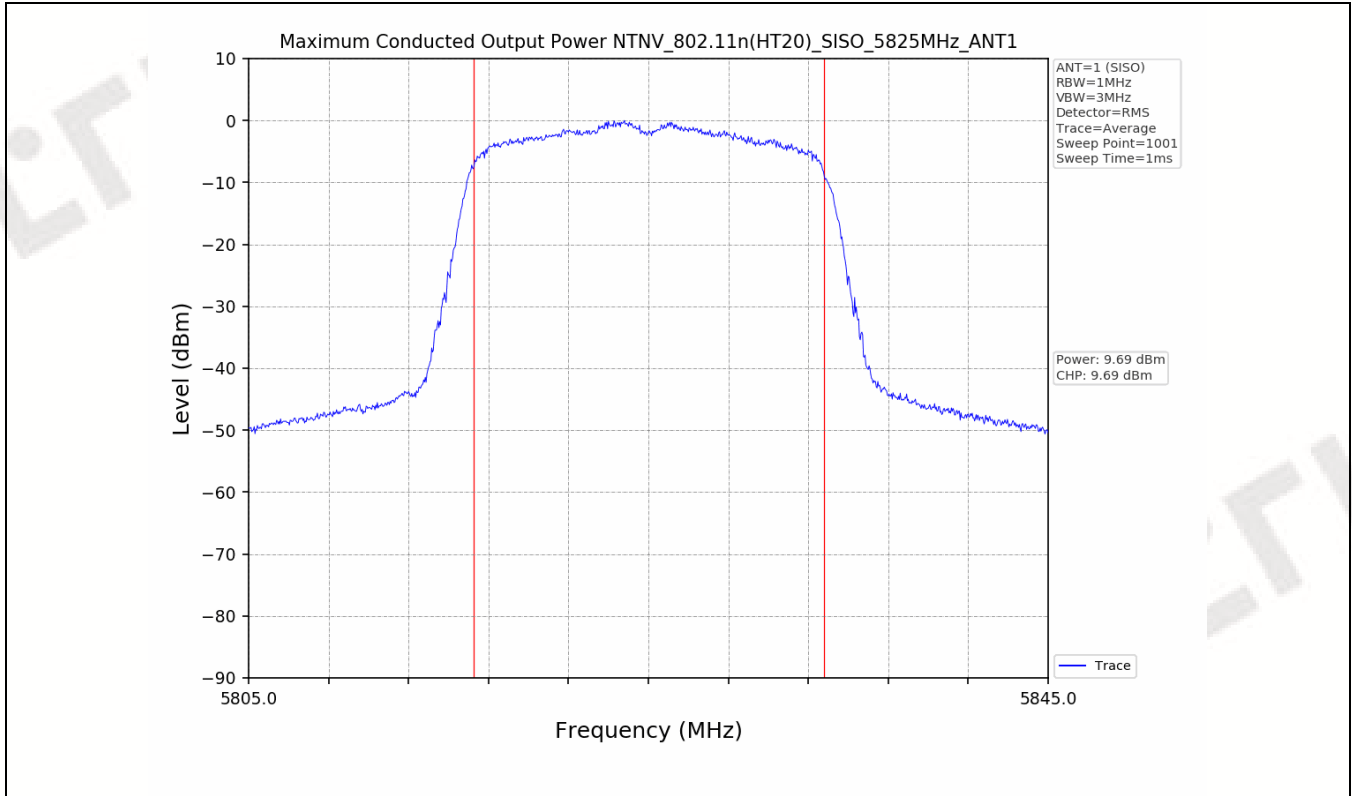


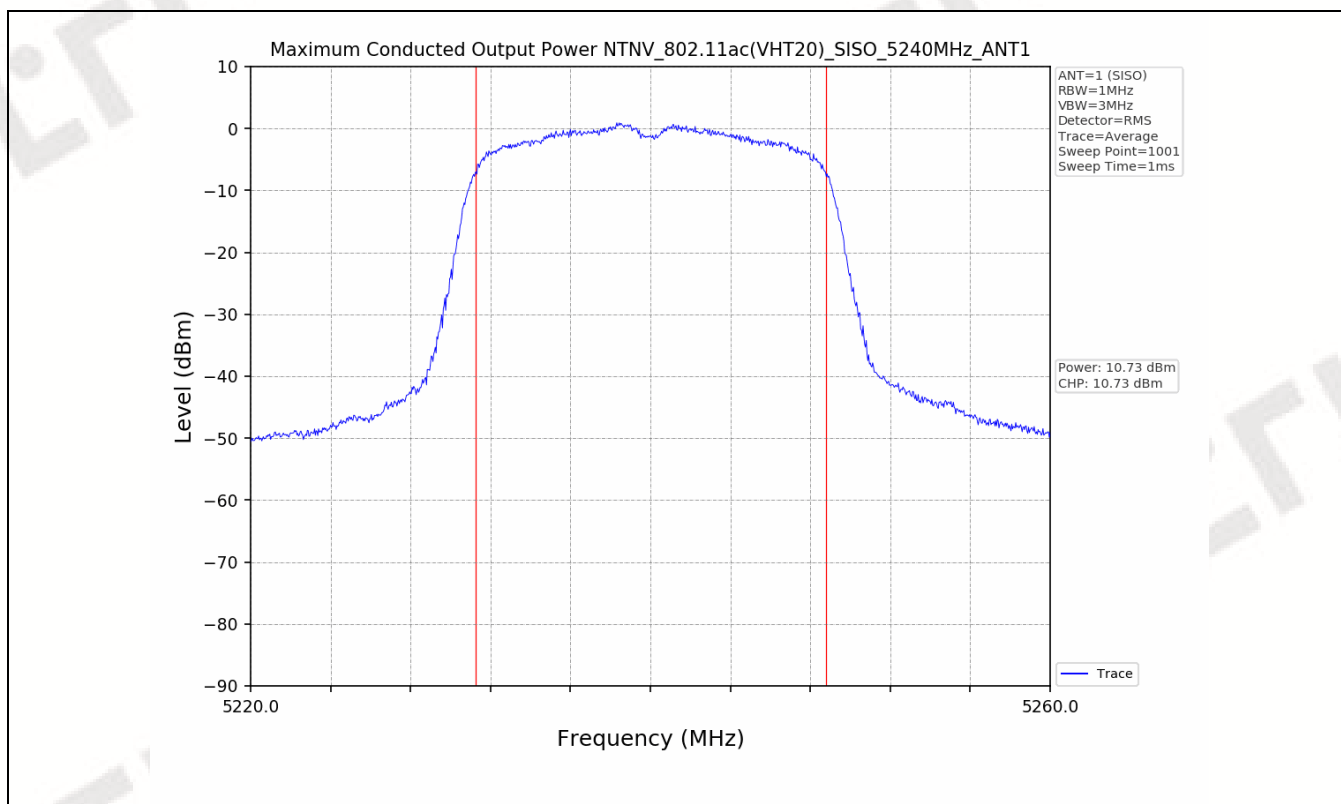
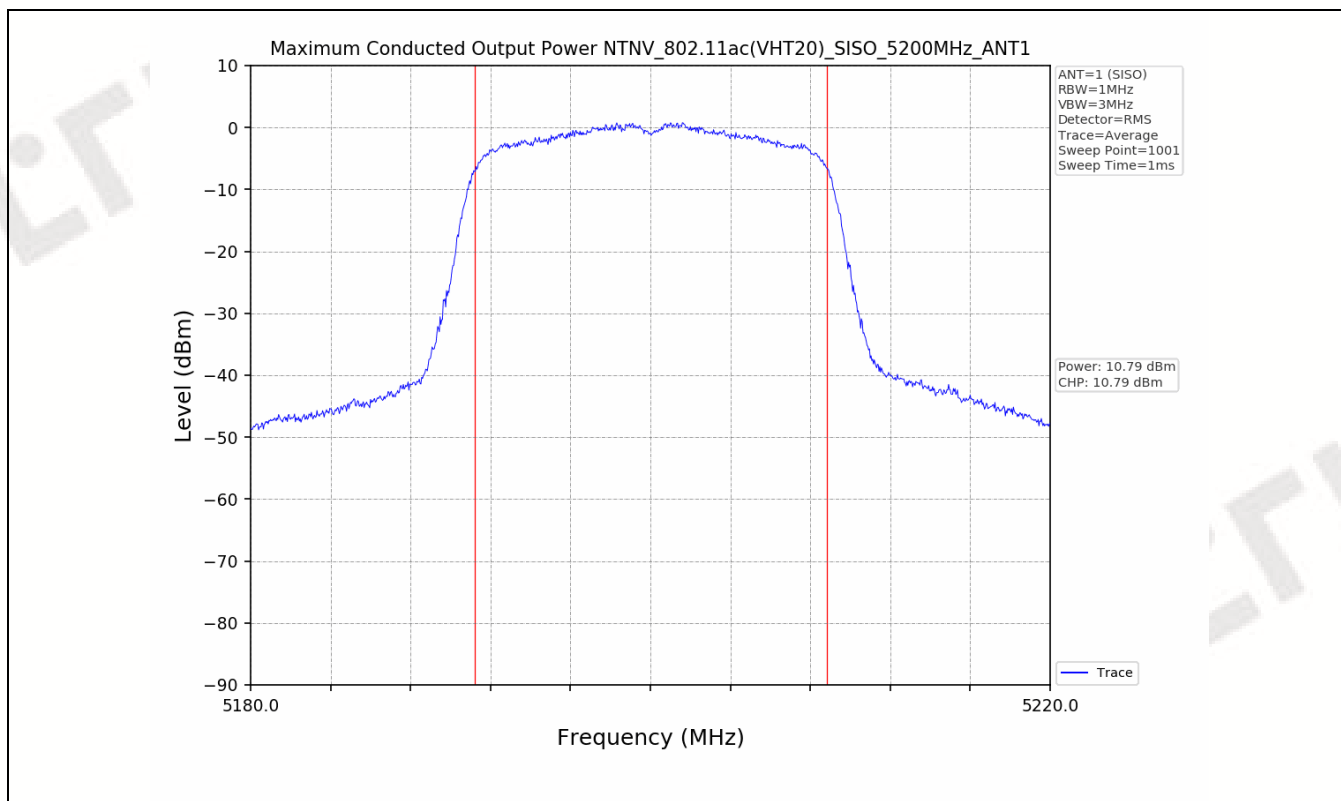


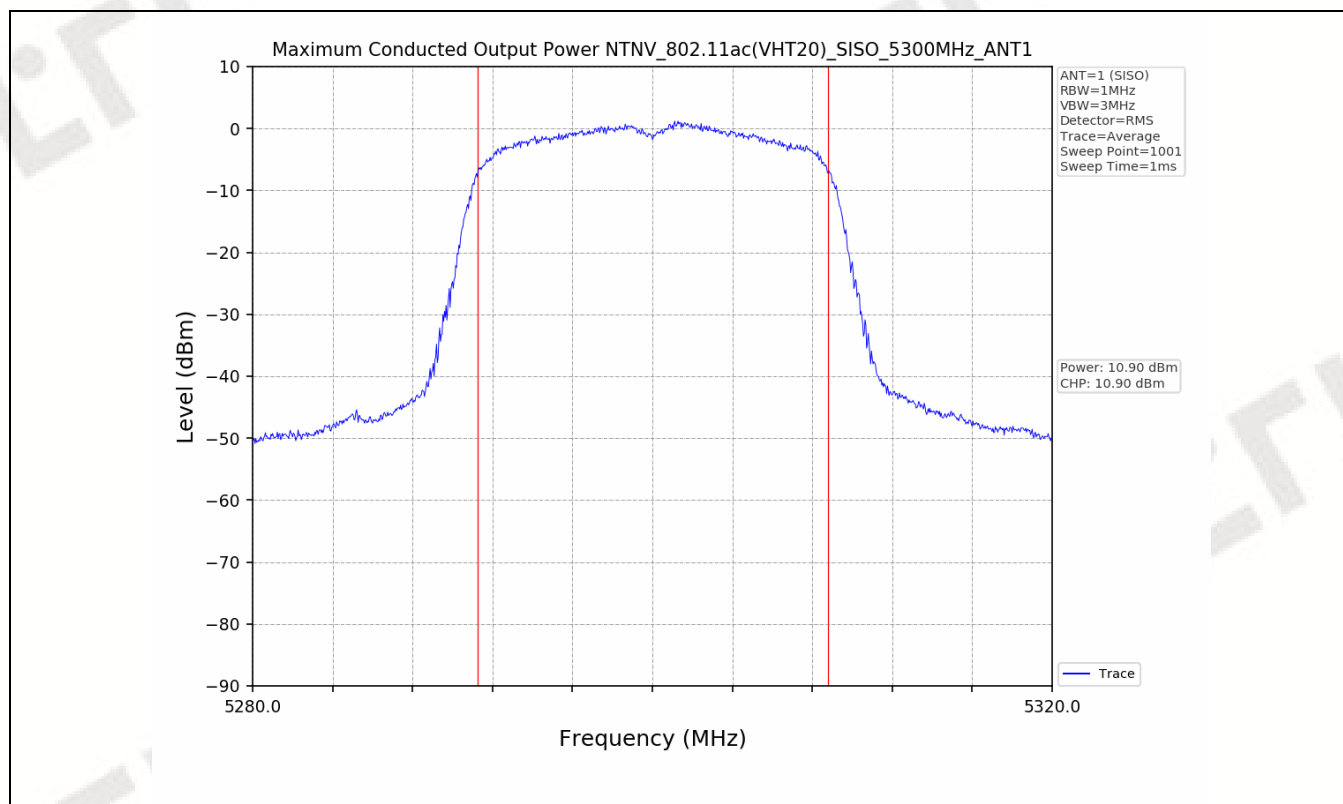
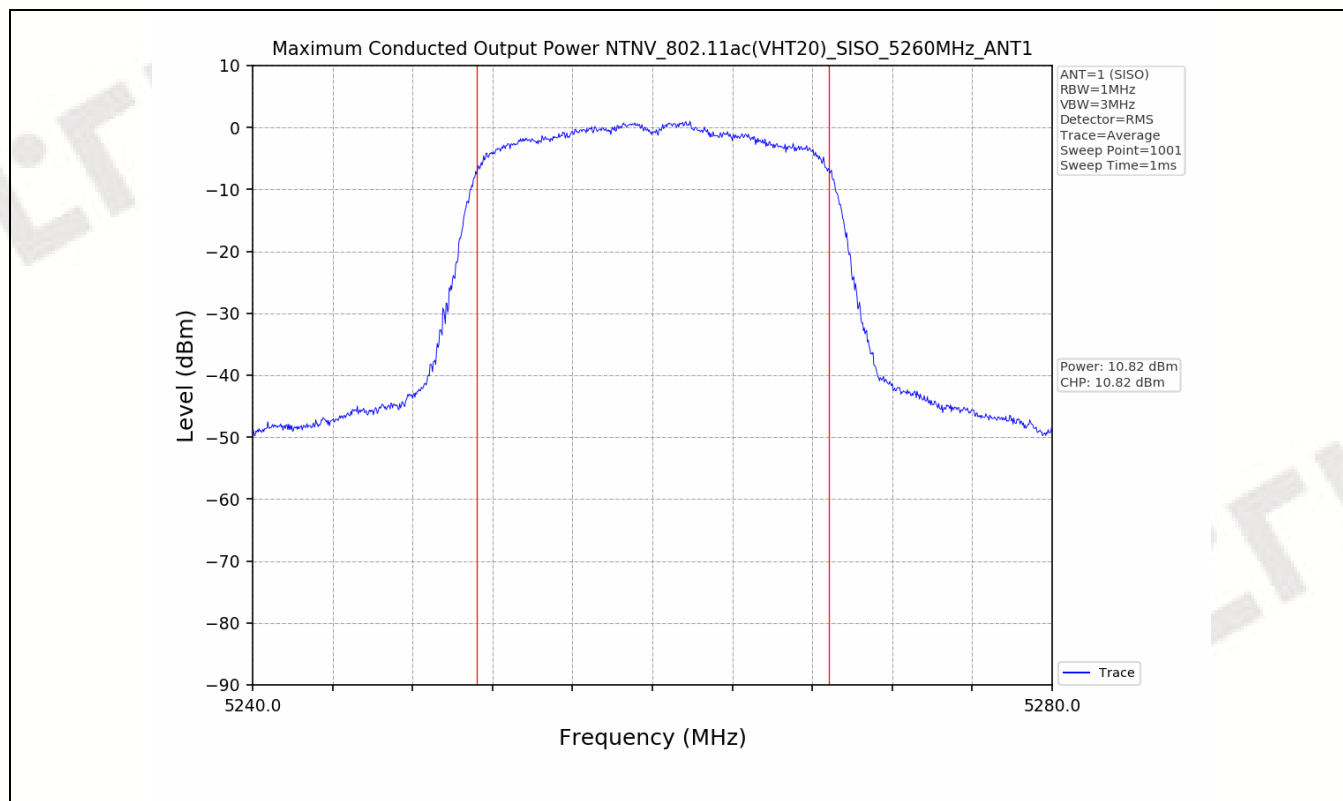


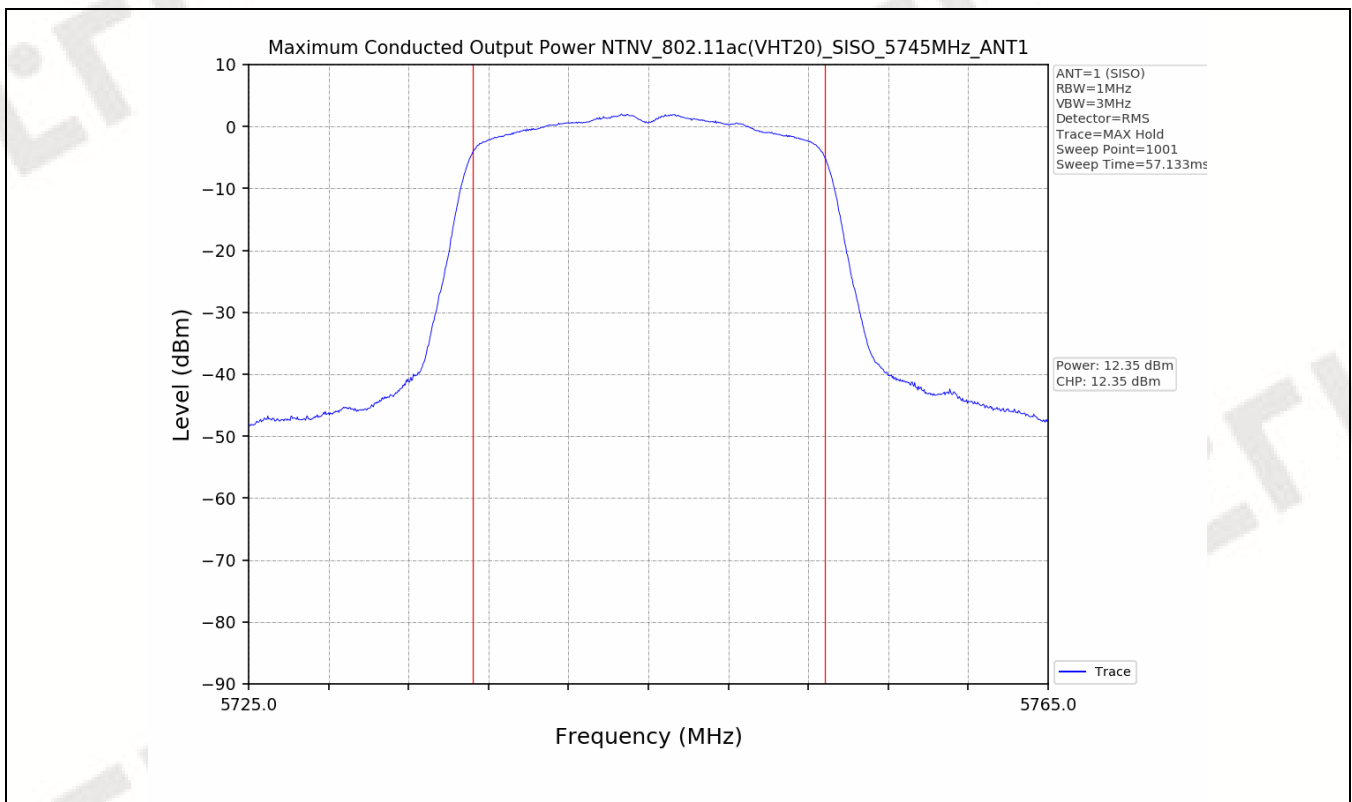
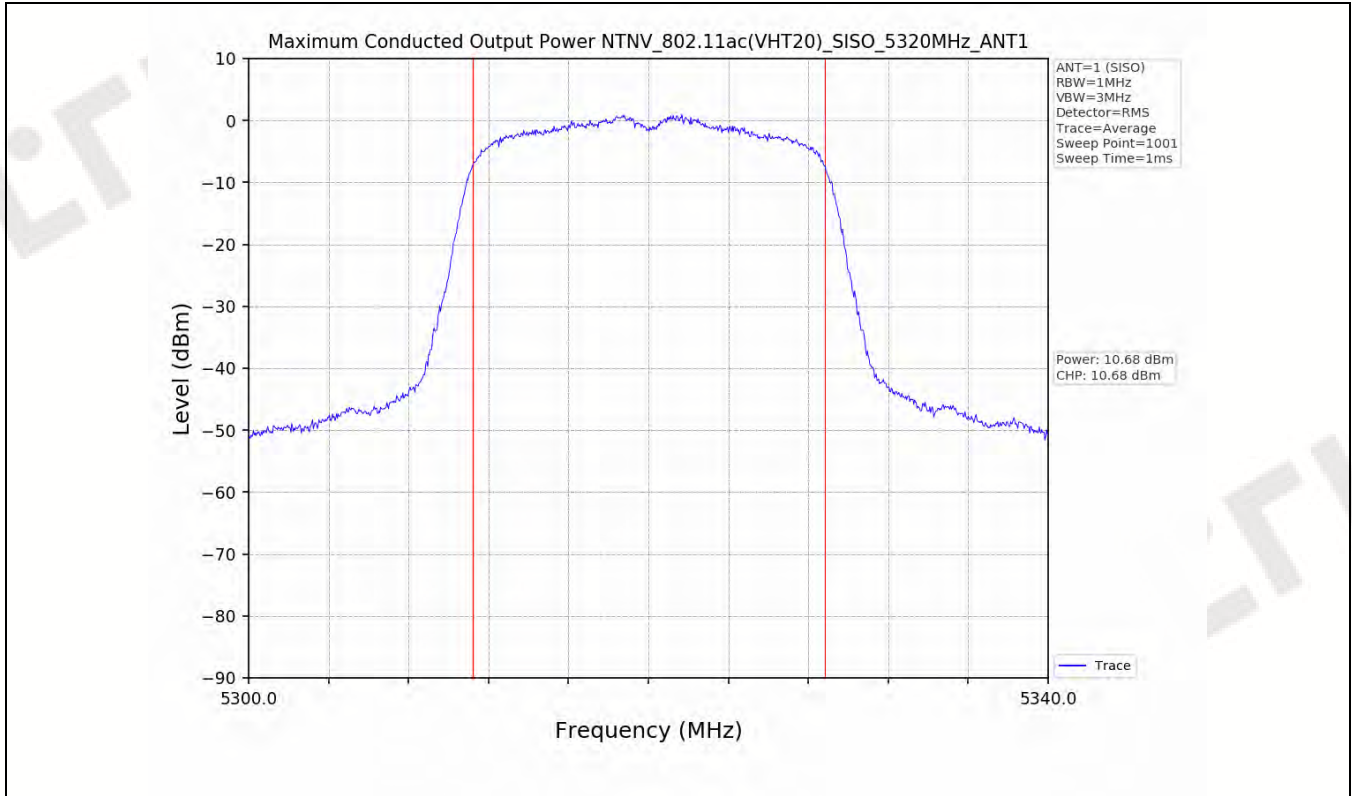


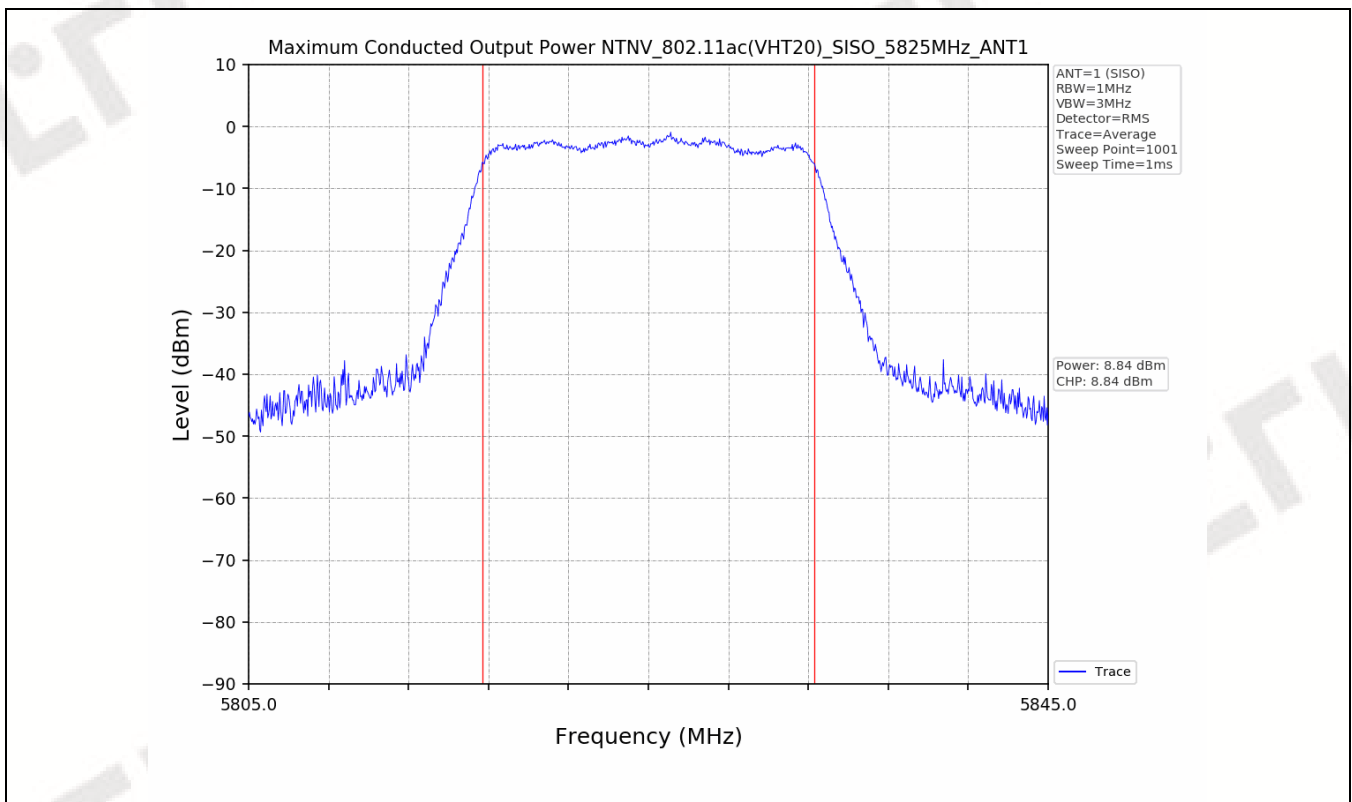
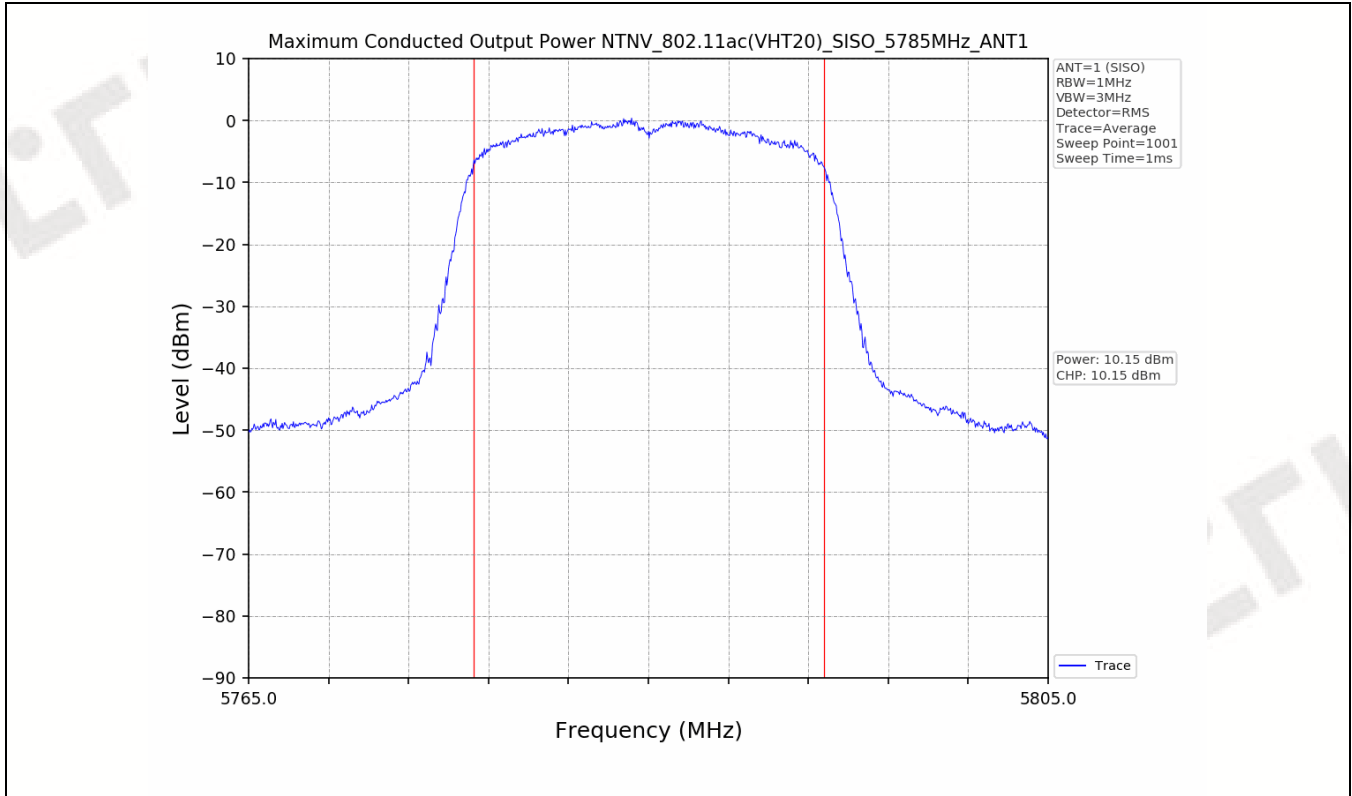












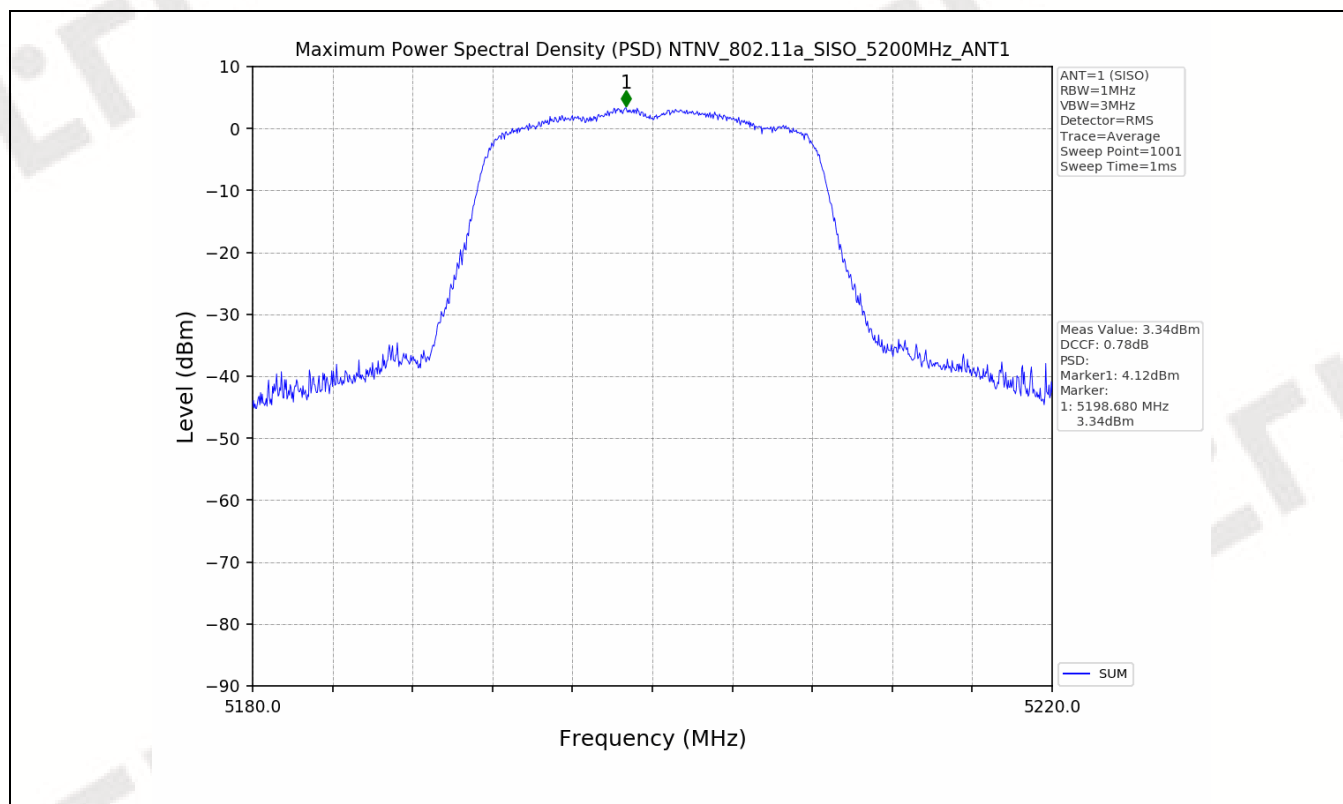
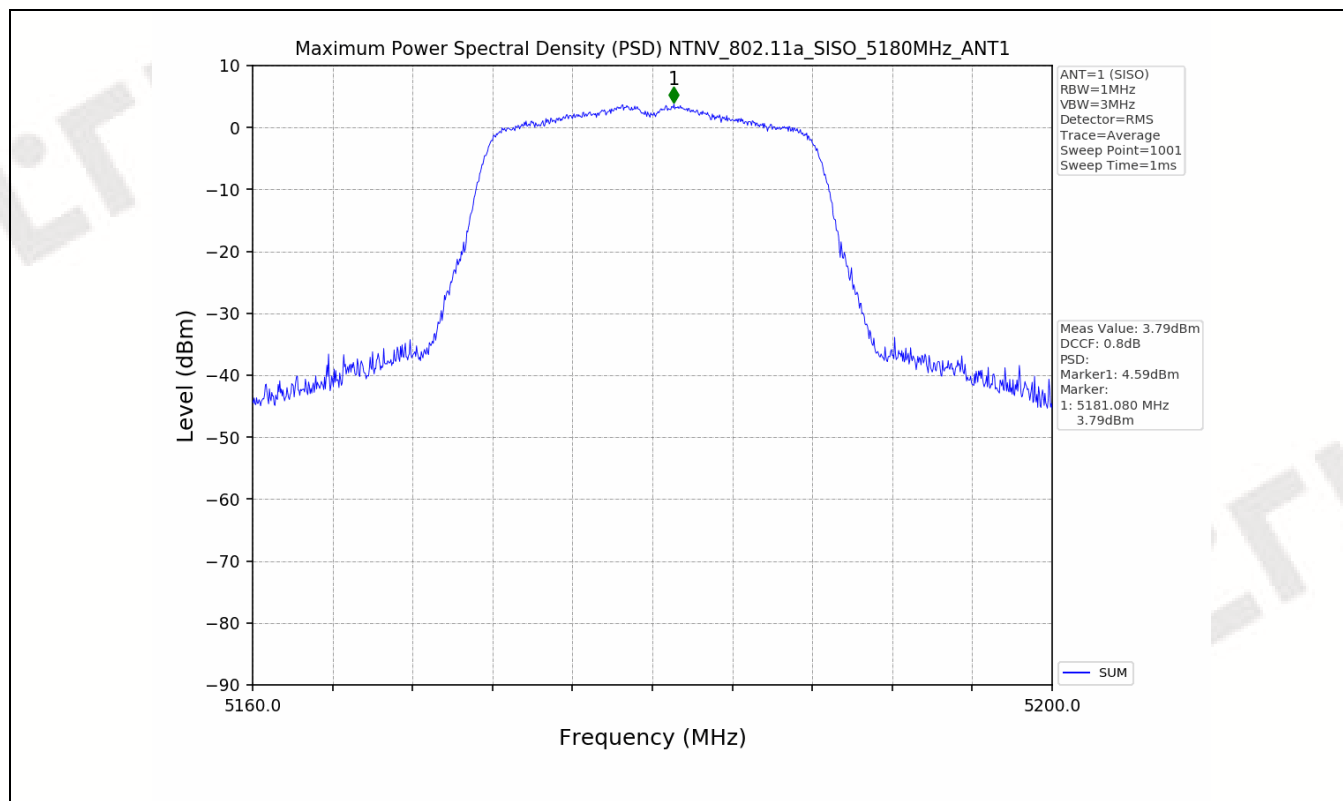
3. Maximum Power Spectral Density (PSD)

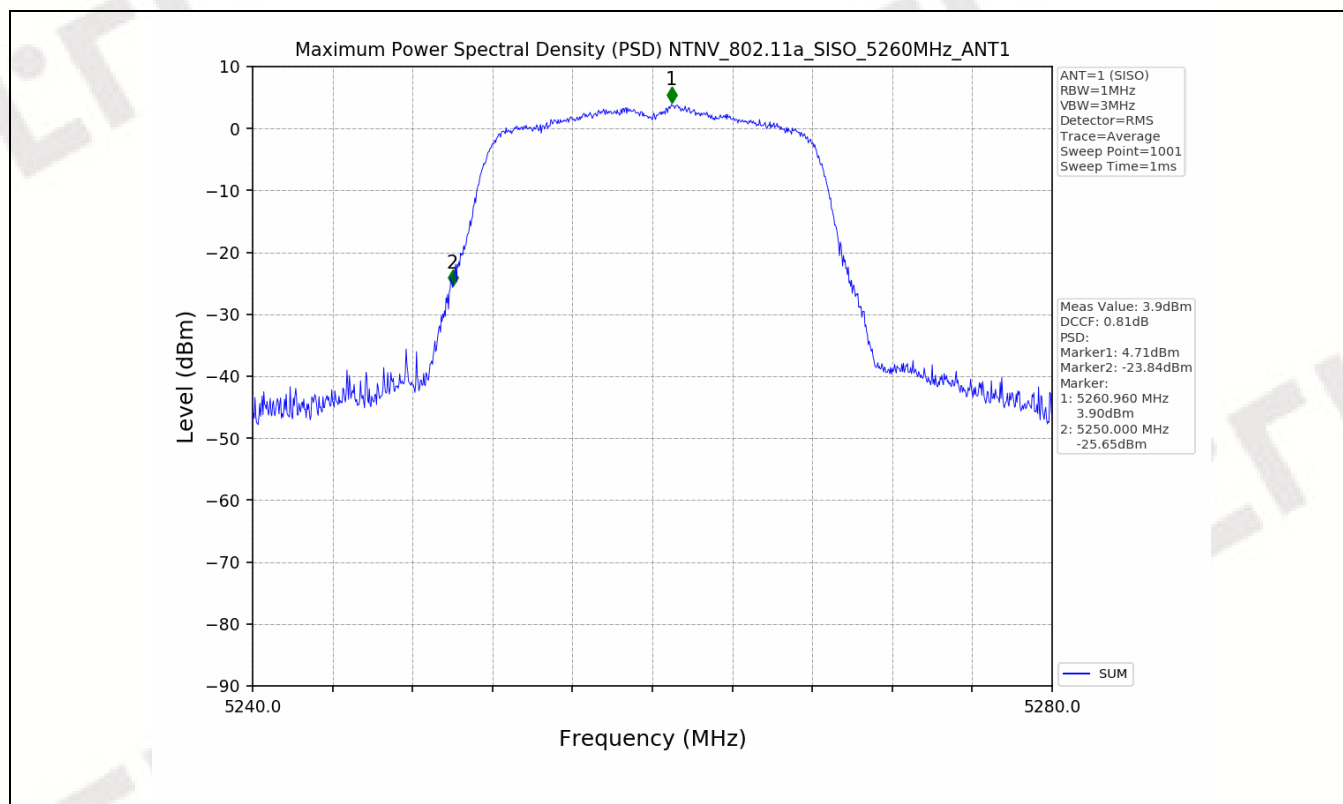
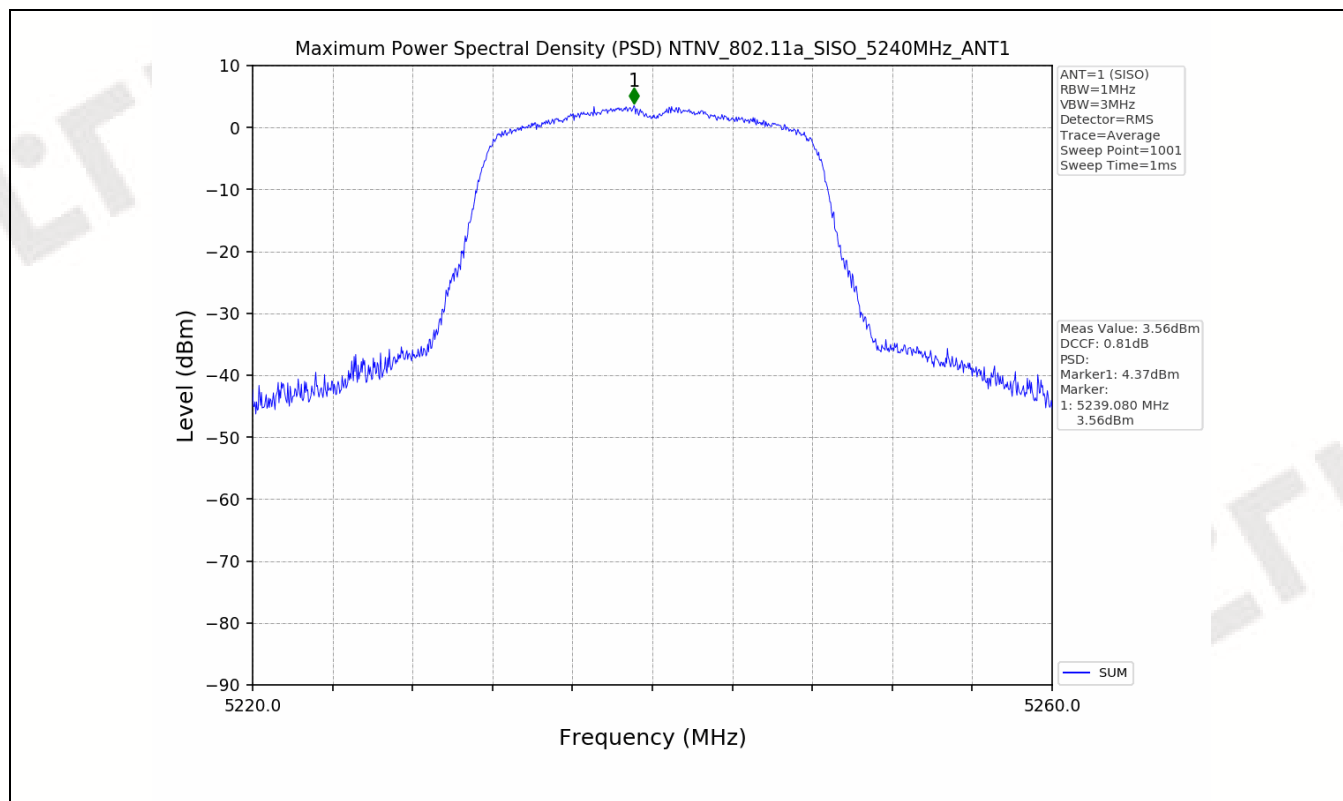
3.1 Test Result

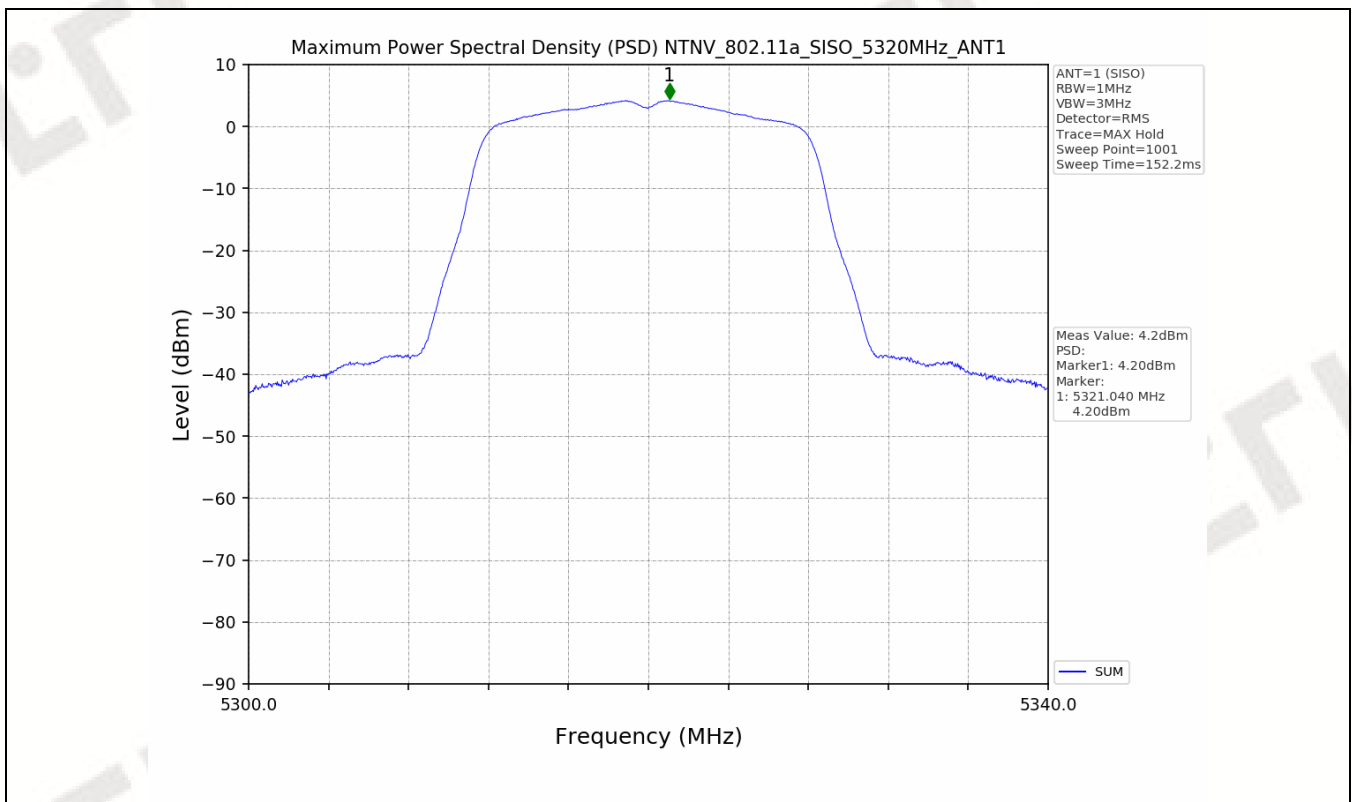
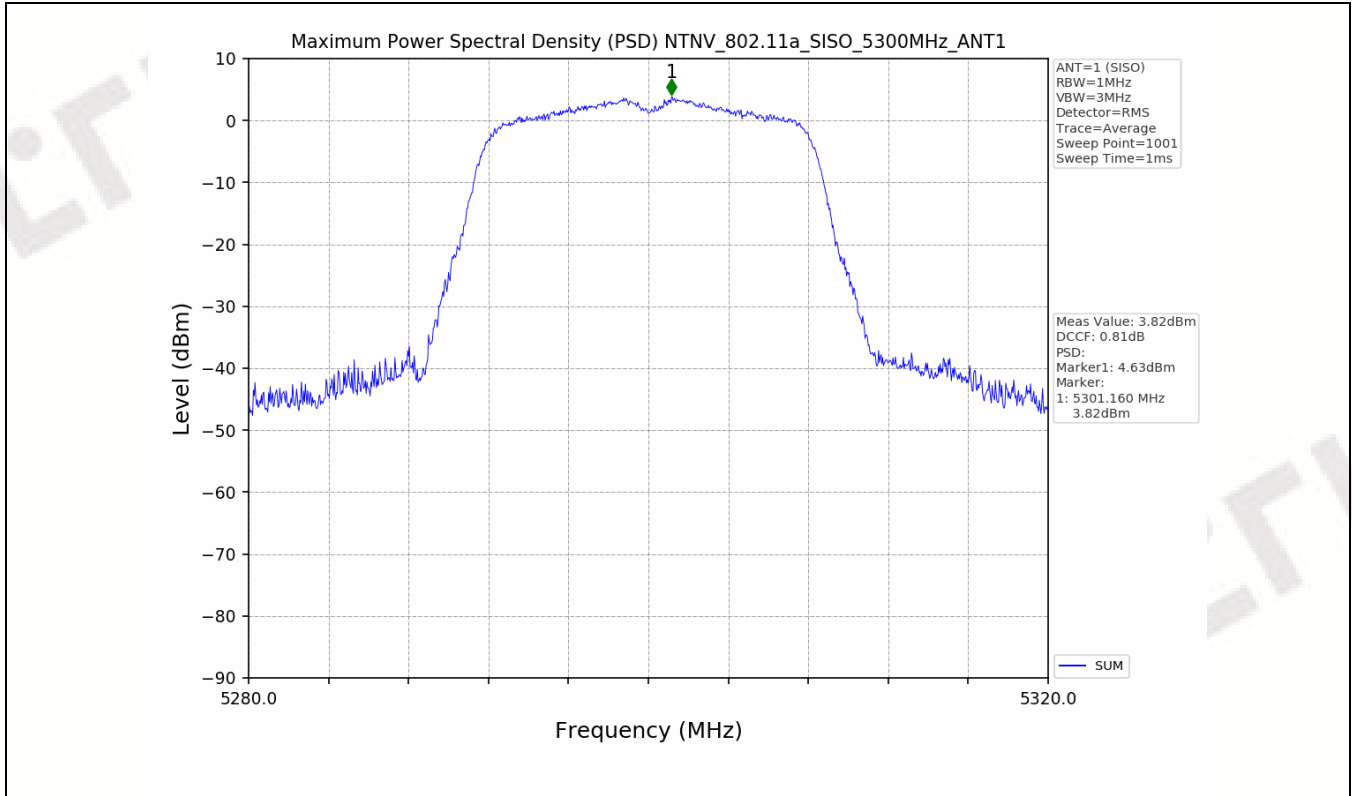
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	4.59	≤11	PASS
	5200	SISO	4.12	≤11	PASS
	5240	SISO	4.37	≤11	PASS
	5260	SISO	4.71	≤11	PASS
	5300	SISO	4.63	≤11	PASS
	5320	SISO	4.20	≤11	PASS
802.11n(HT20)	5180	SISO	1.98	≤11	PASS
	5200	SISO	1.87	≤11	PASS
	5240	SISO	2.02	≤11	PASS
	5260	SISO	2.01	≤11	PASS
	5300	SISO	2.02	≤11	PASS
	5320	SISO	1.84	≤11	PASS
802.11ac(VHT20)	5180	SISO	2.08	≤11	PASS
	5200	SISO	2.12	≤11	PASS
	5240	SISO	1.76	≤11	PASS
	5260	SISO	1.79	≤11	PASS
	5300	SISO	2.00	≤11	PASS
	5320	SISO	1.64	≤11	PASS

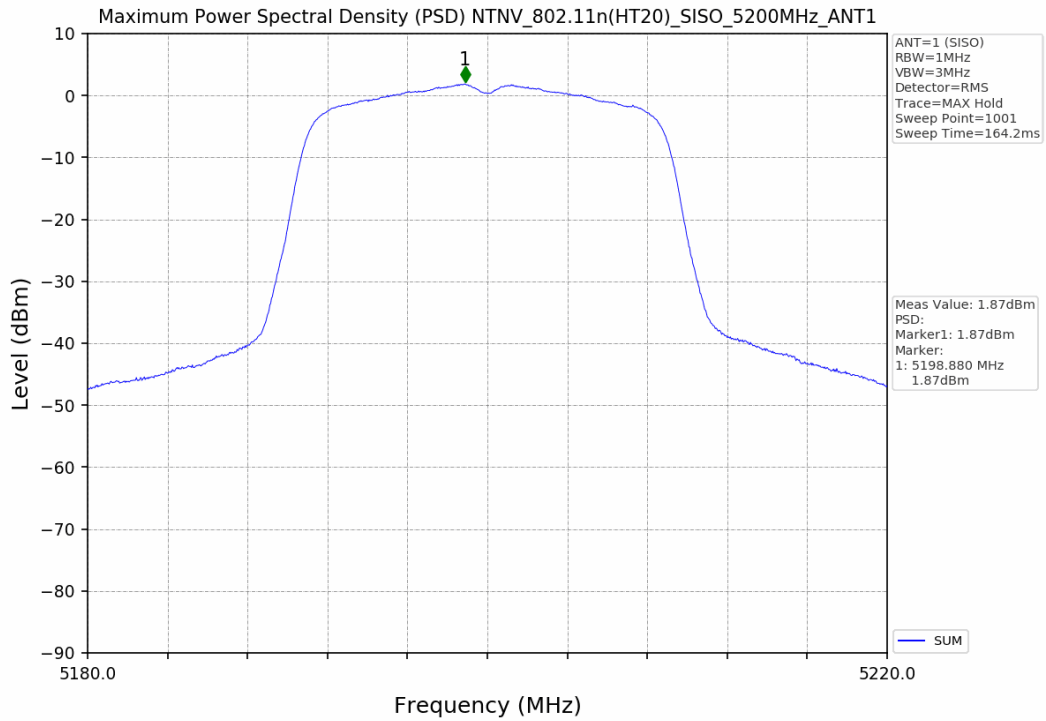
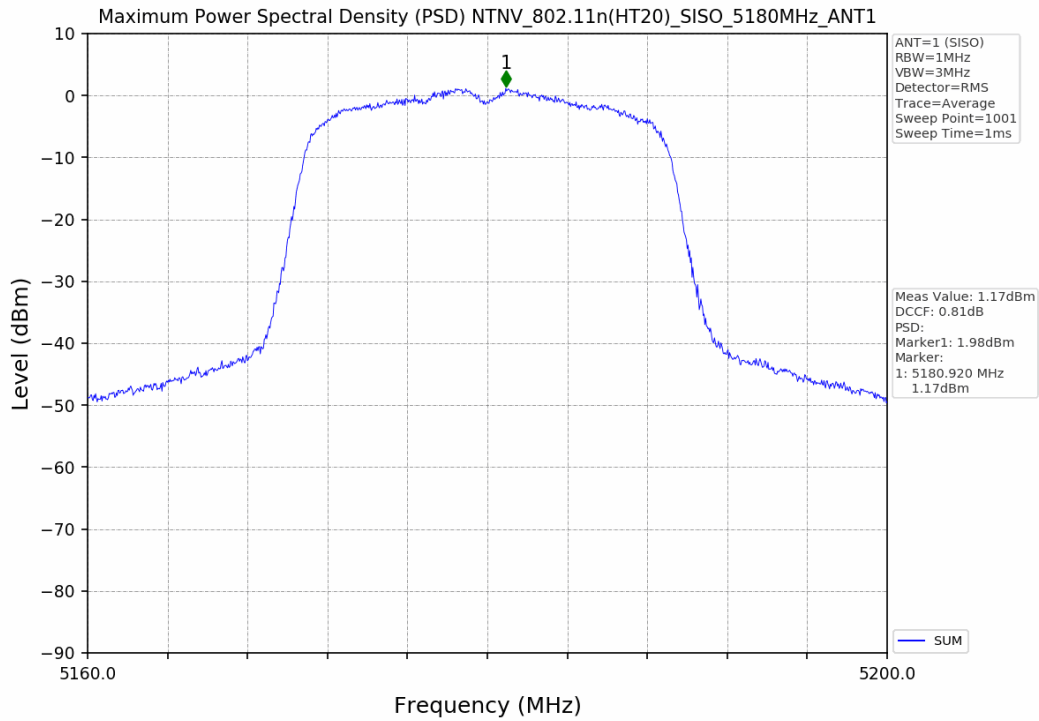
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	0.86	≤30	PASS
	5785	SISO	1.04	≤30	PASS
	5825	SISO	0.81	≤30	PASS
802.11n(HT20)	5745	SISO	-1.12	≤30	PASS
	5785	SISO	-1.44	≤30	PASS
	5825	SISO	-1.07	≤30	PASS
802.11ac(VHT20)	5745	SISO	0.81	≤30	PASS
	5785	SISO	-0.97	≤30	PASS
	5825	SISO	0.25	≤30	PASS

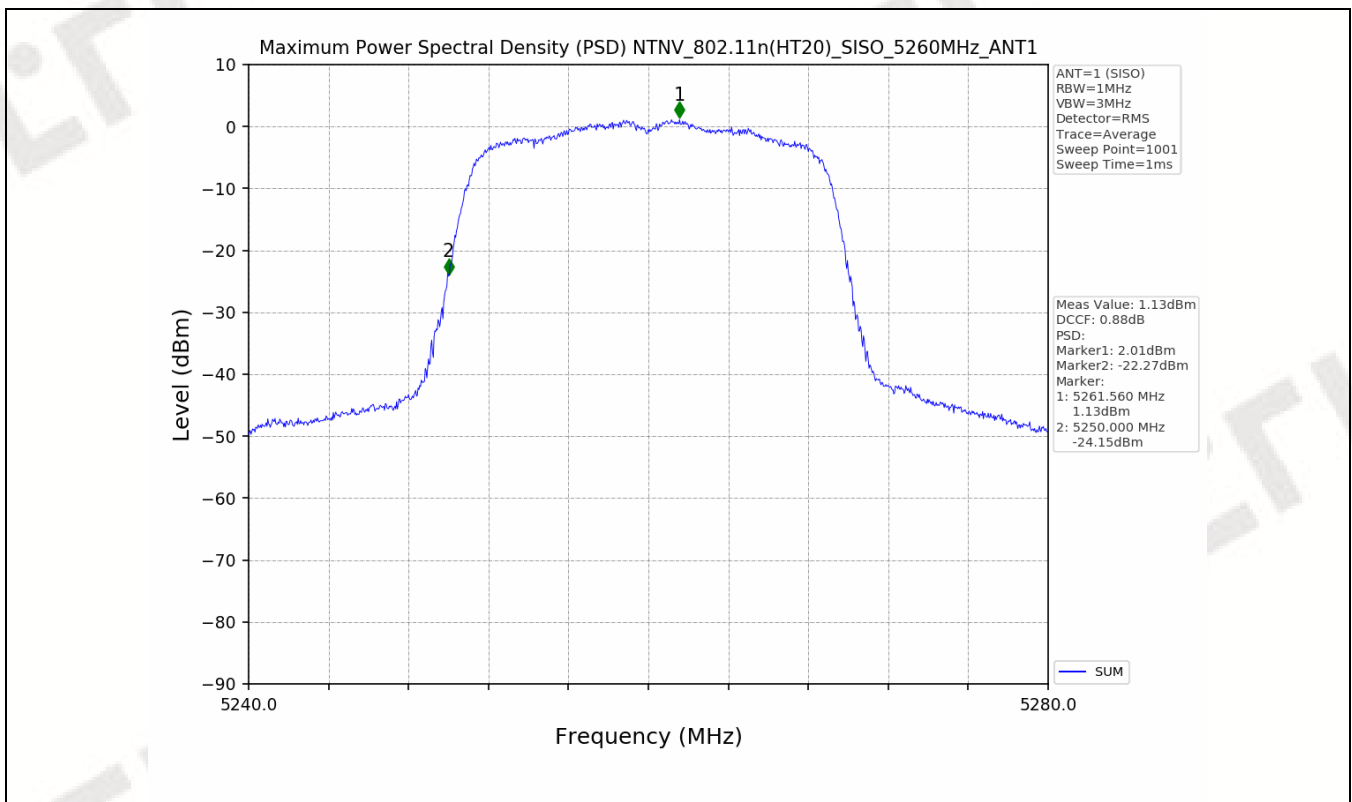
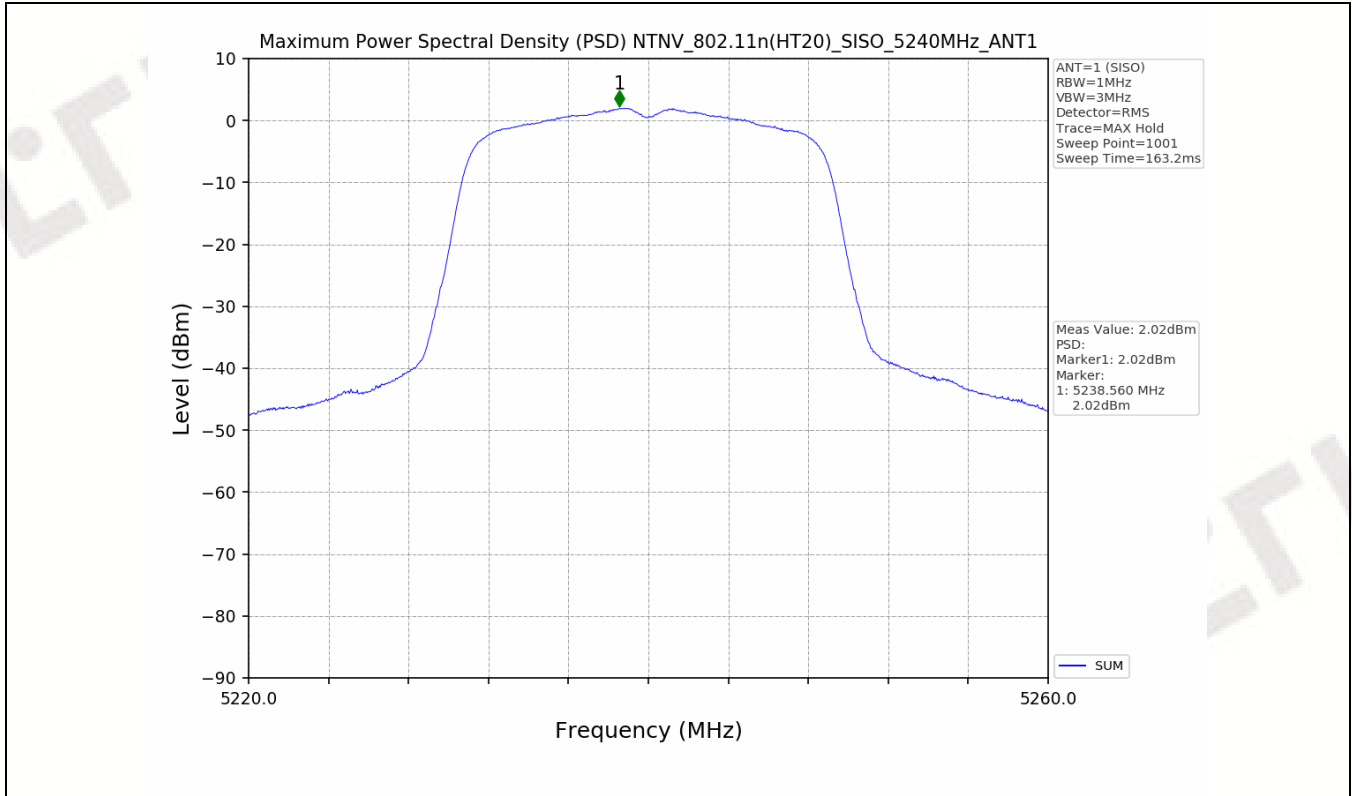
3.2 Test Graph

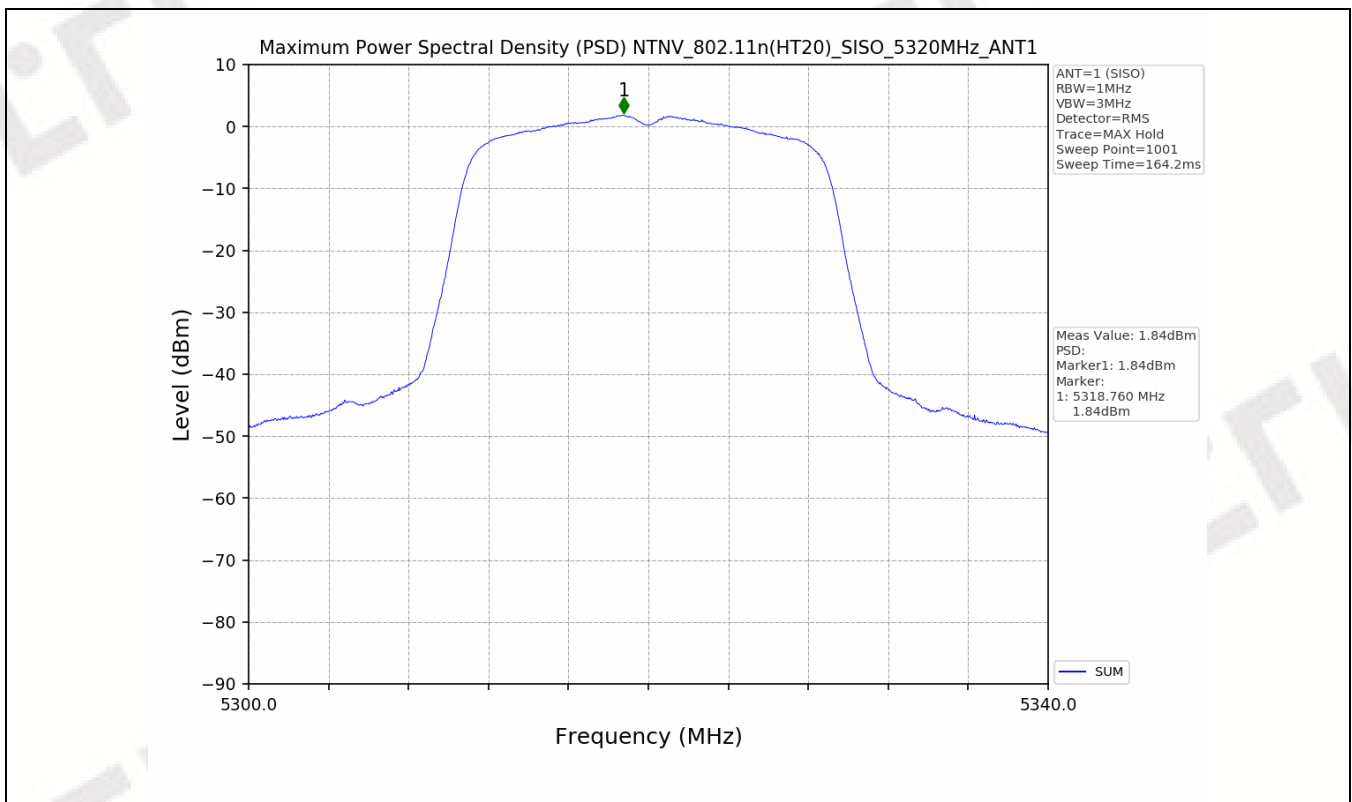
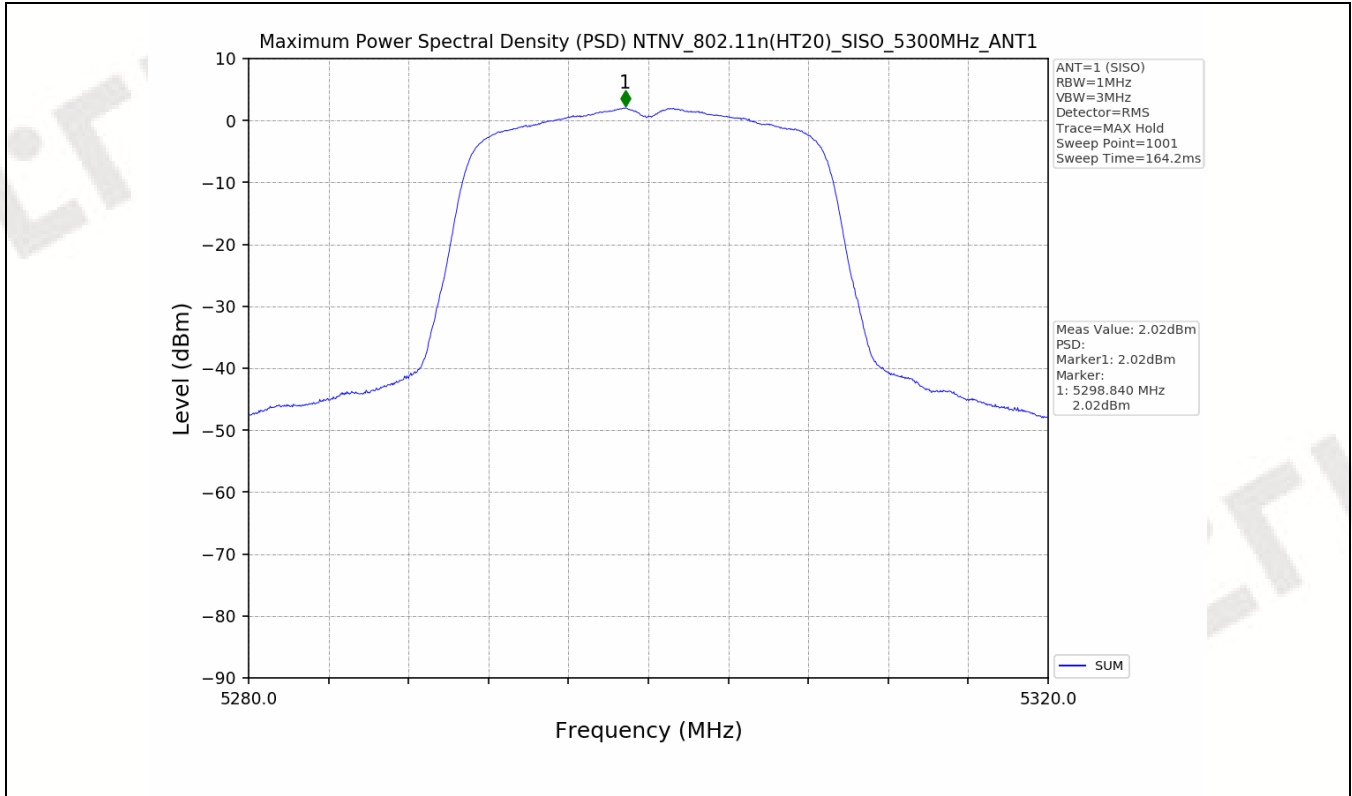


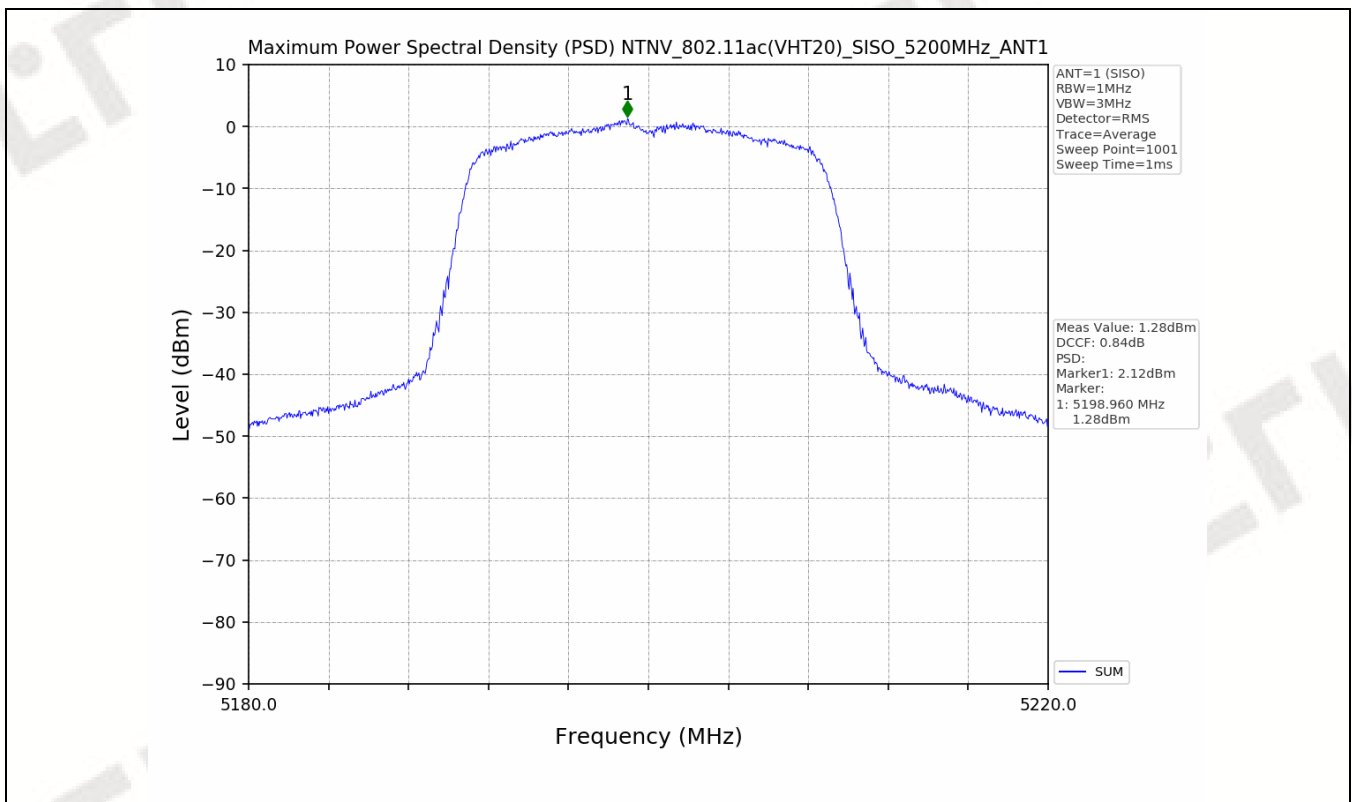
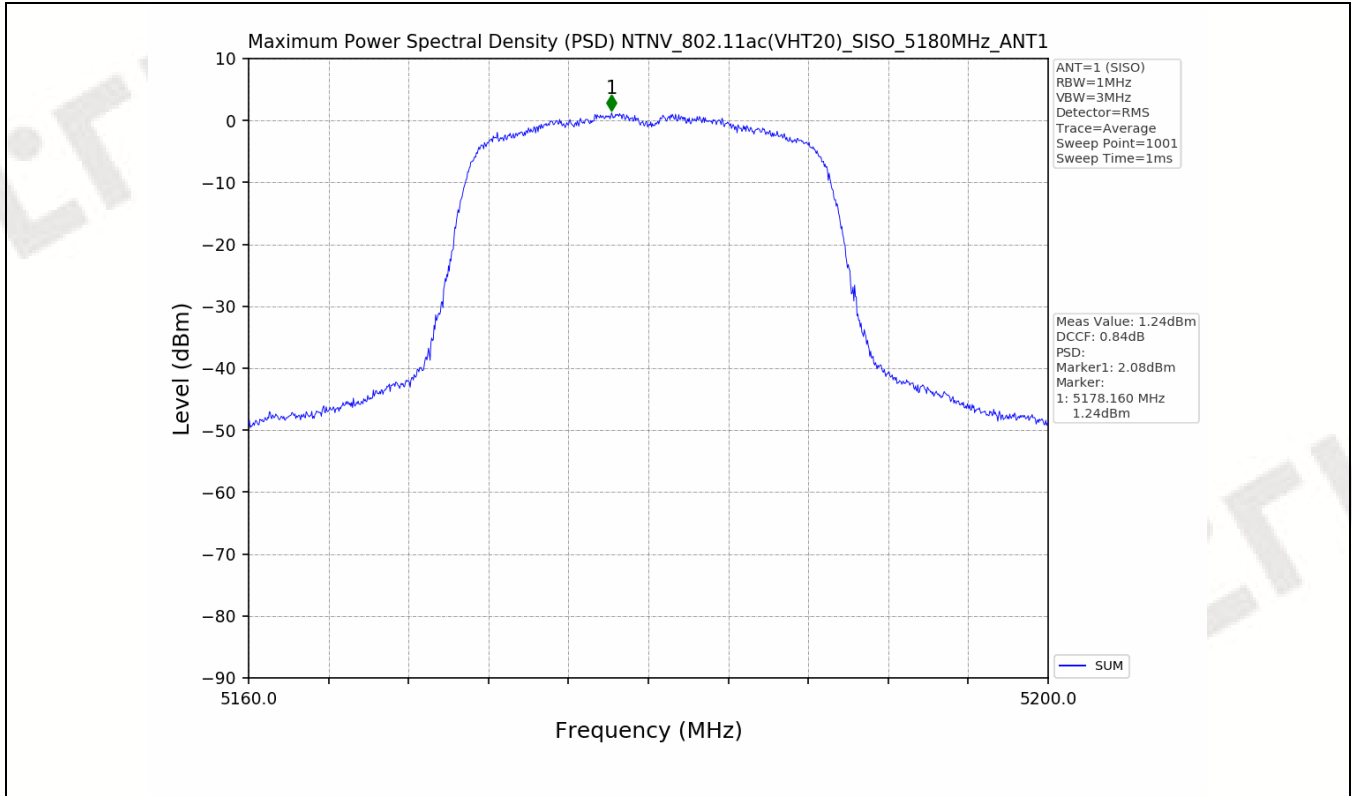


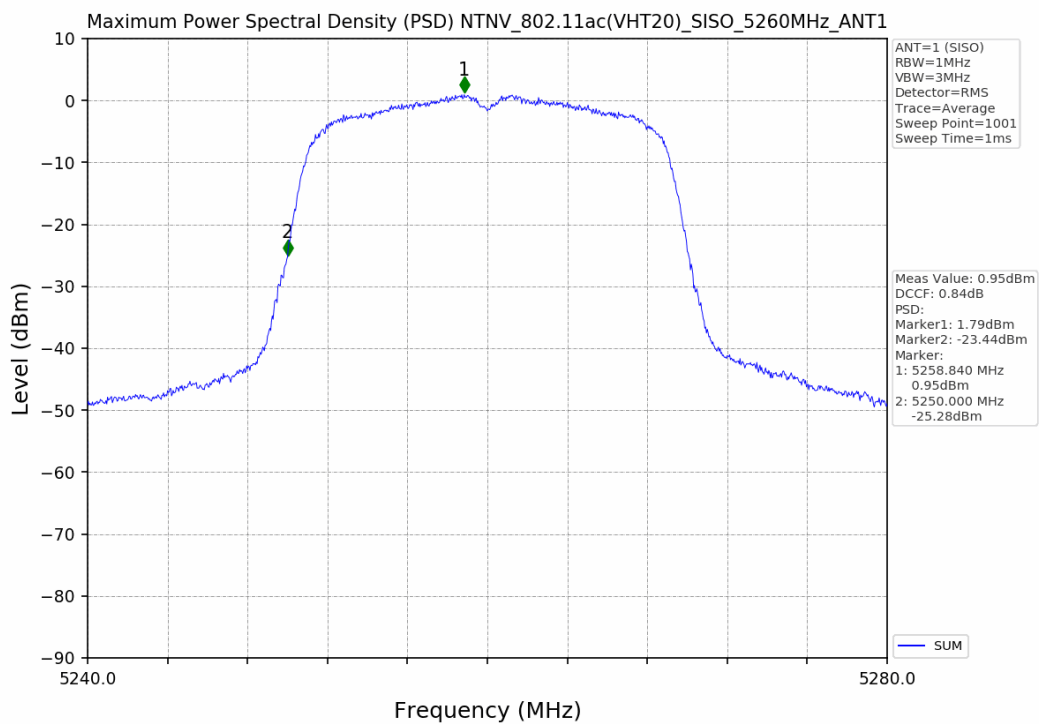
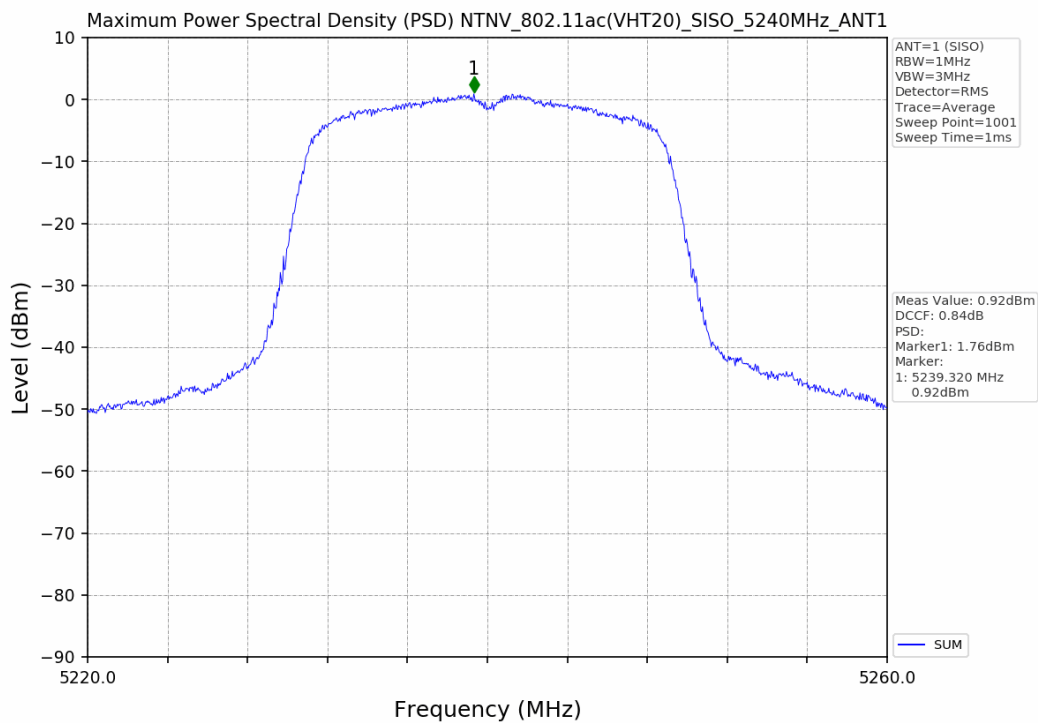


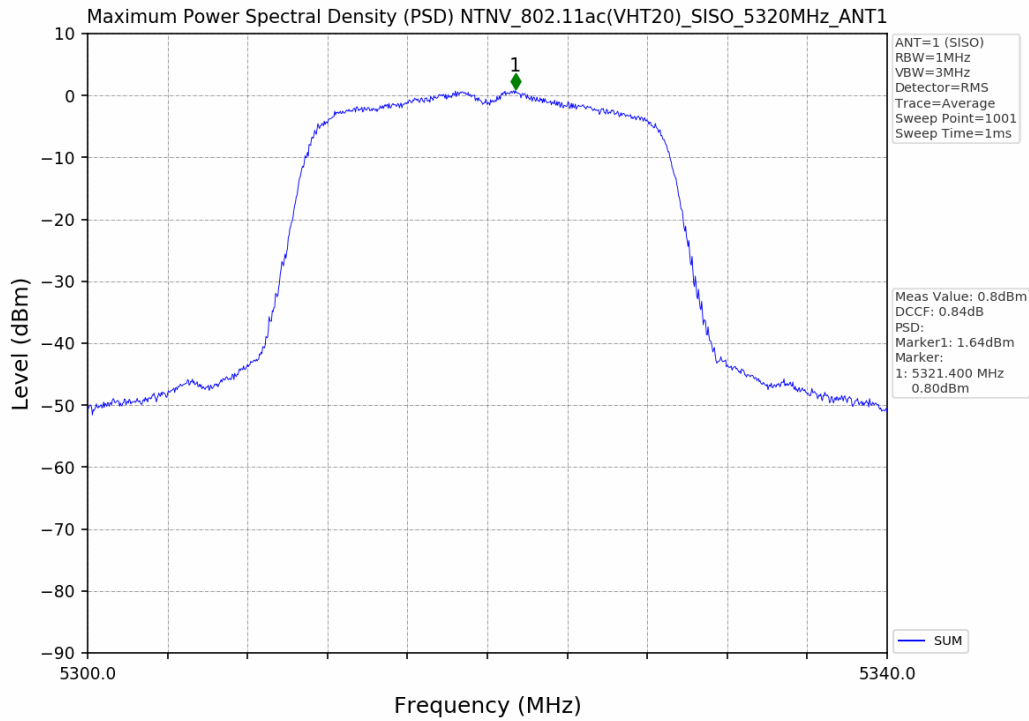
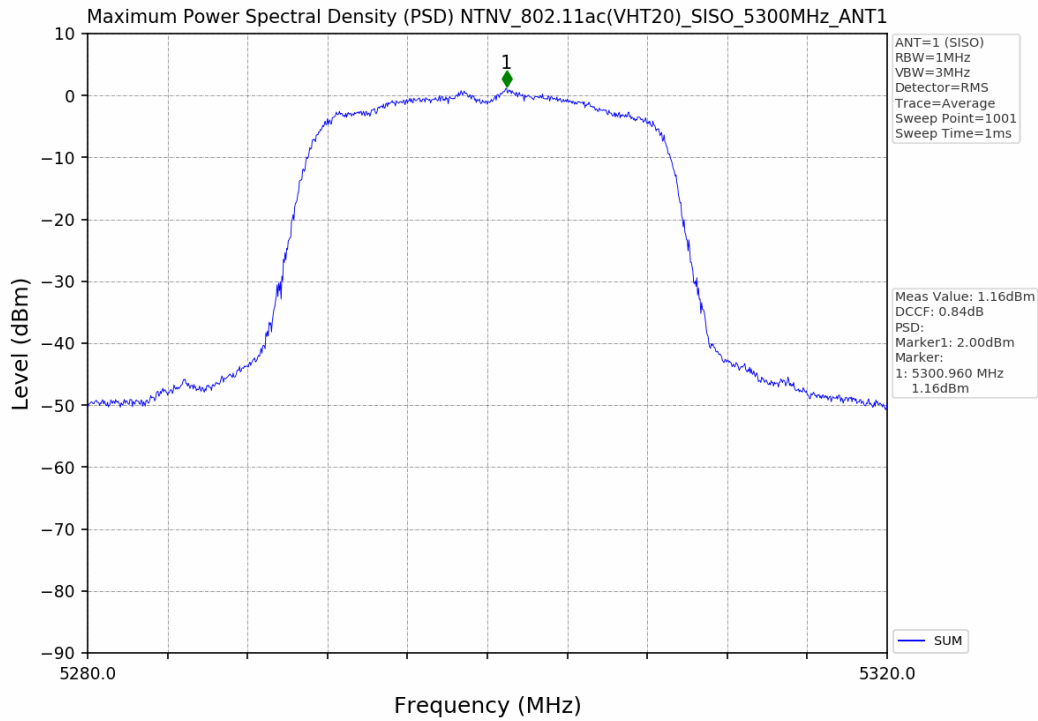


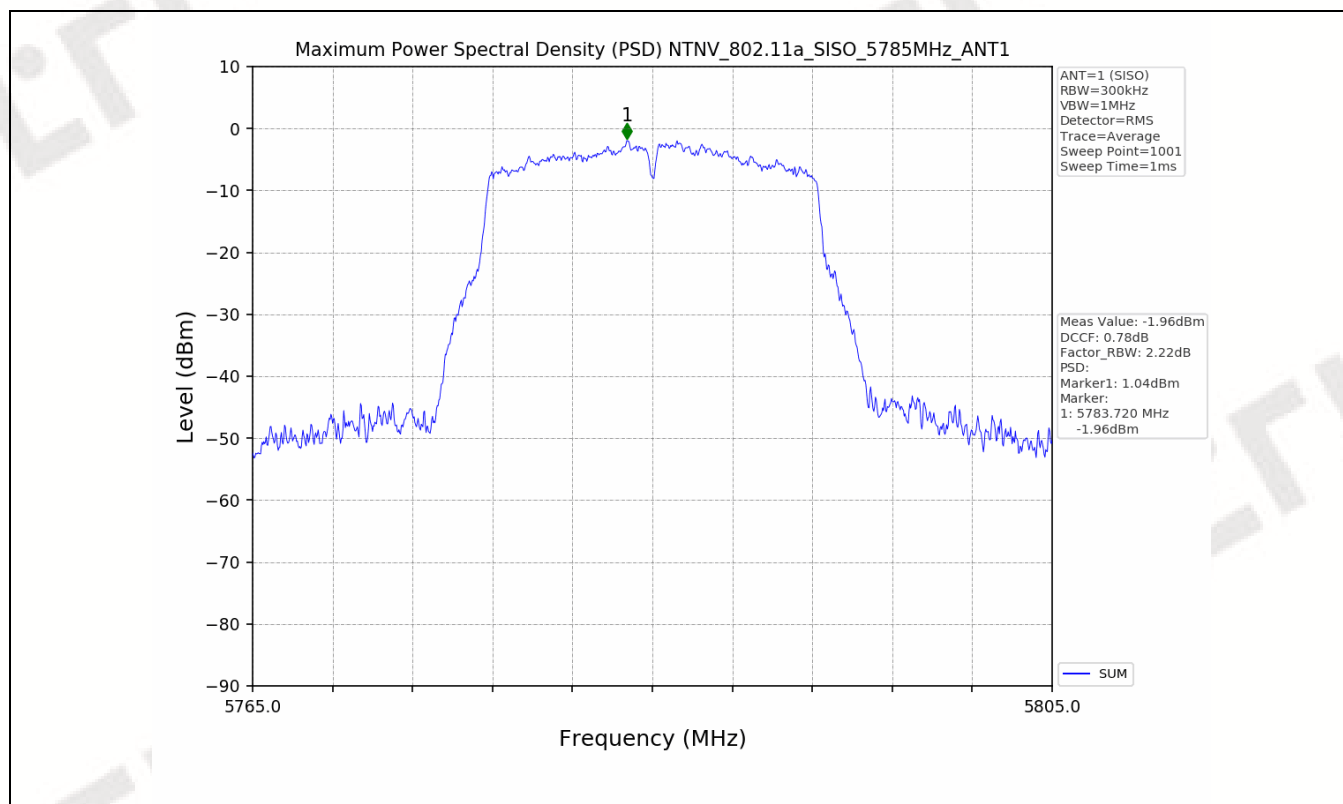
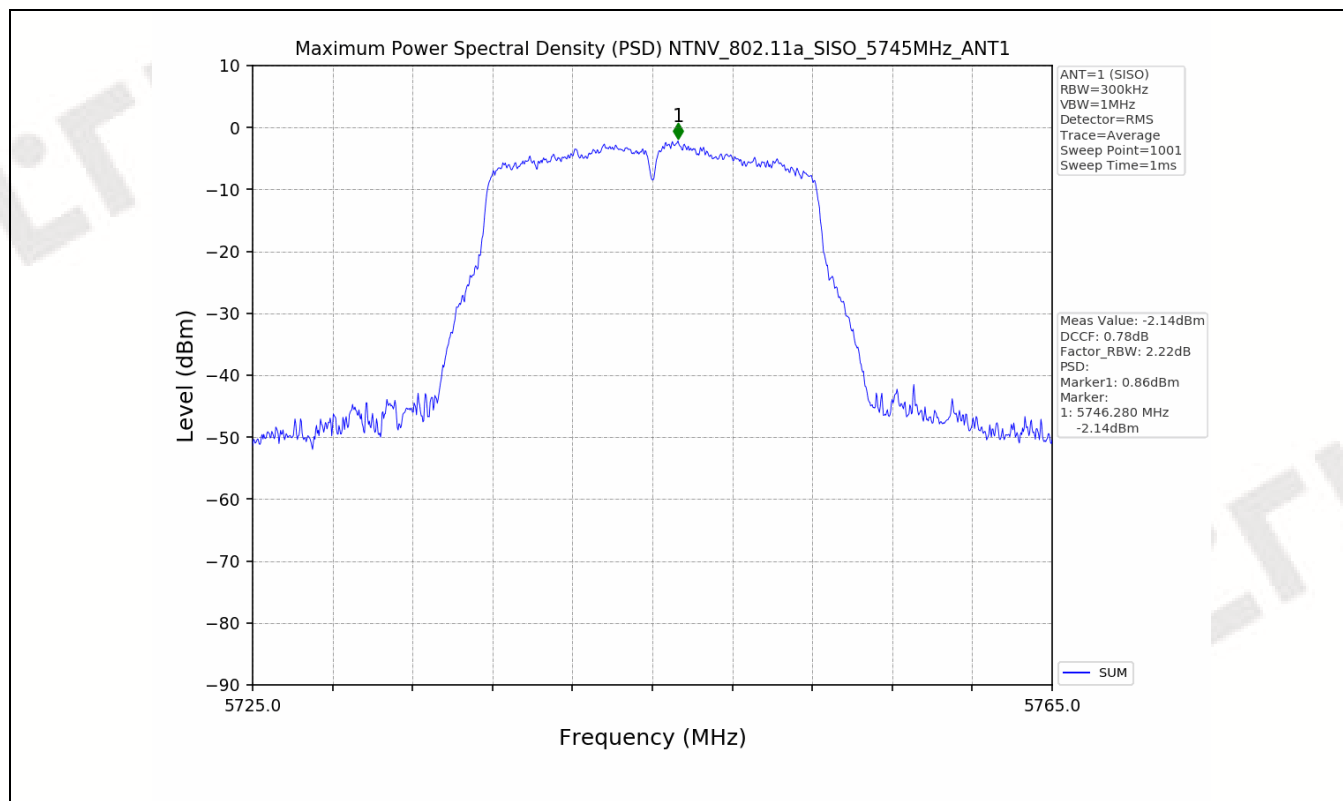


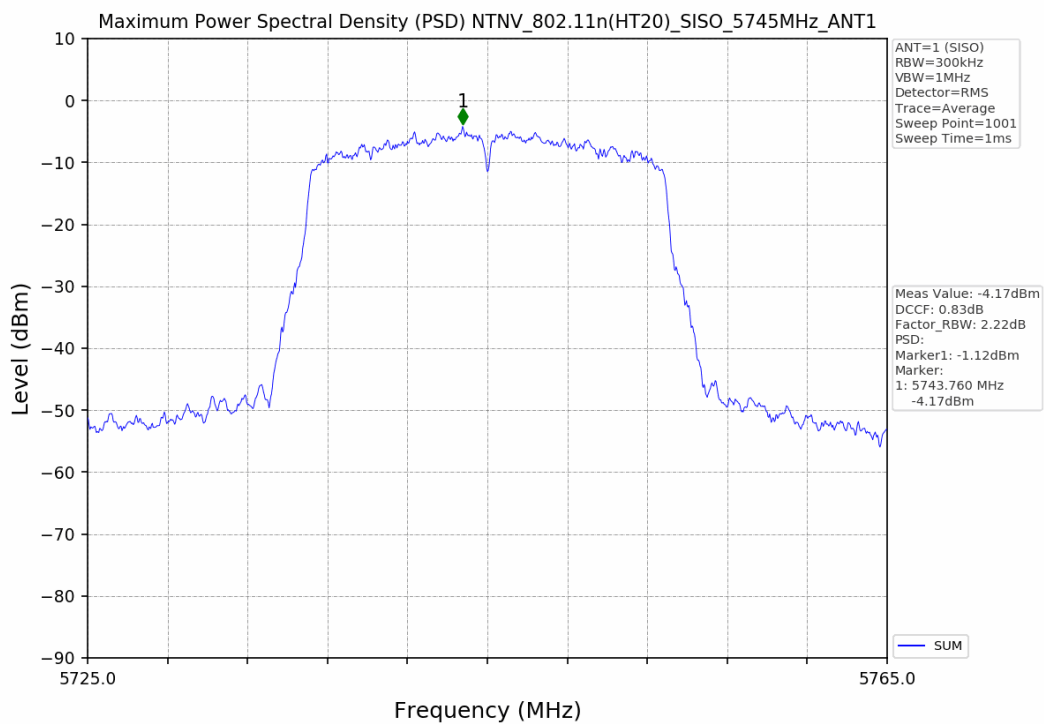
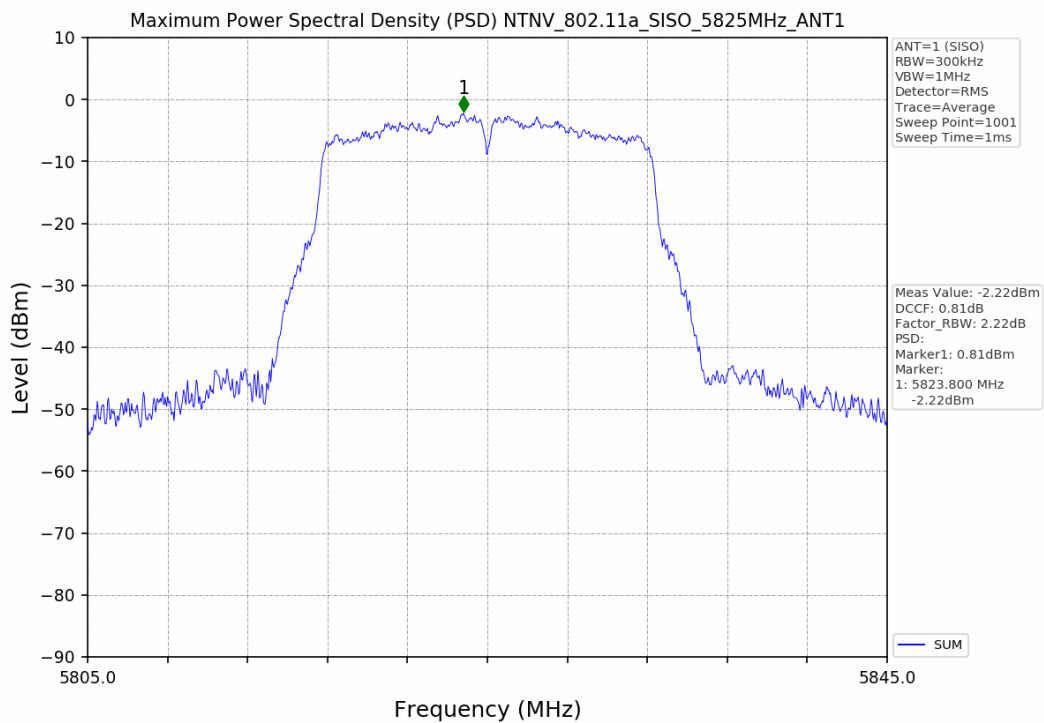


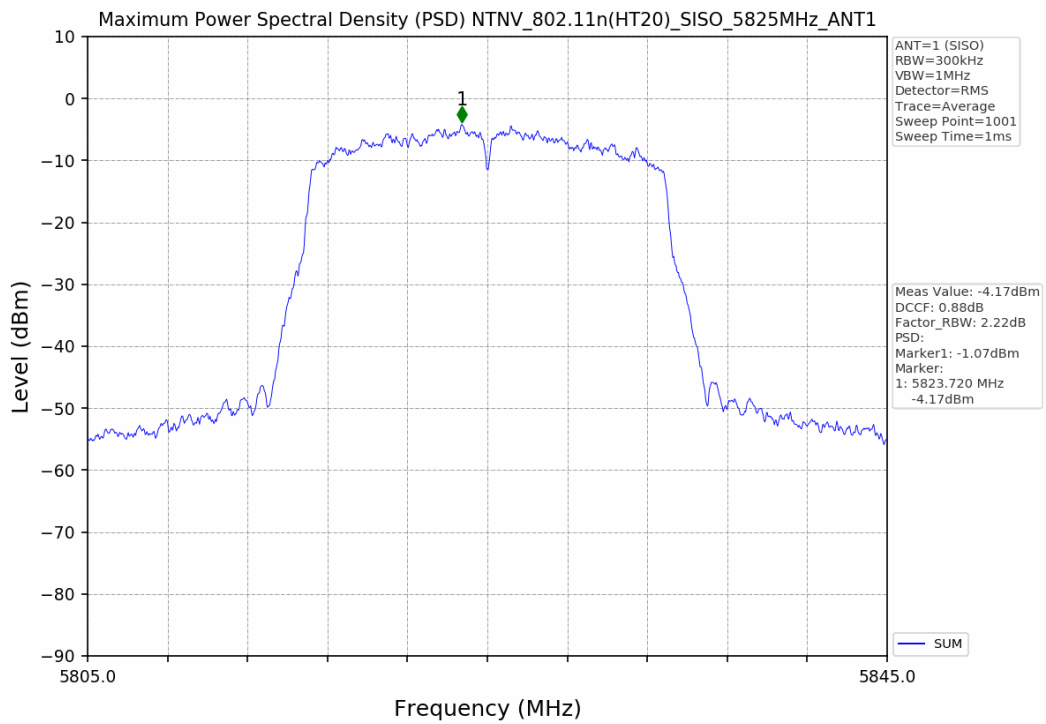
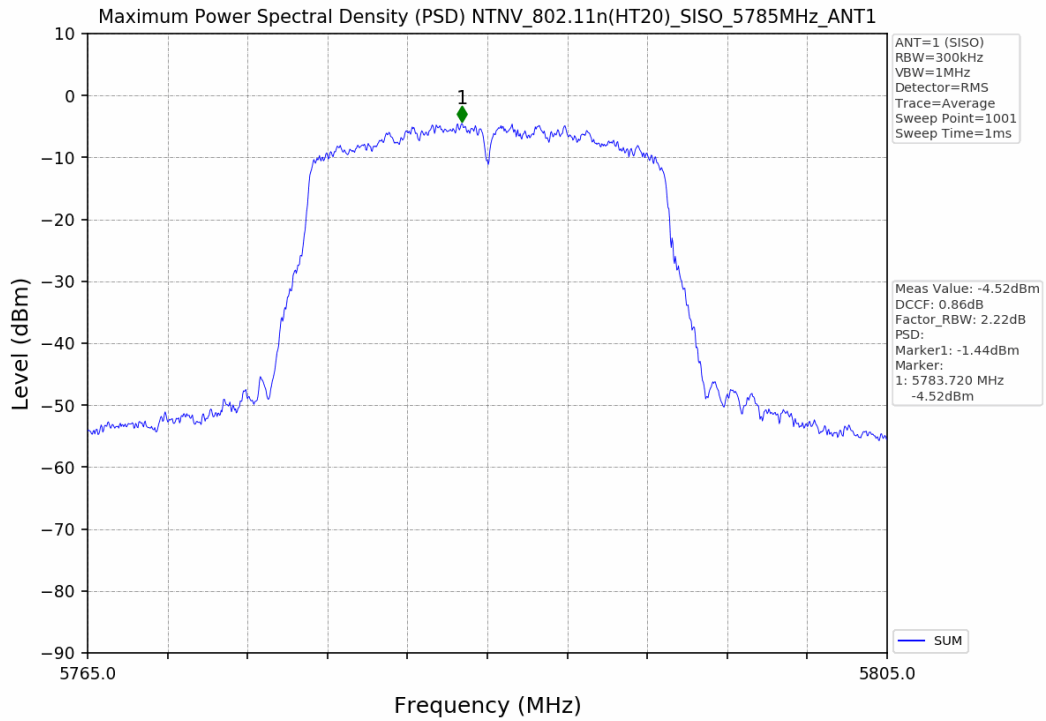


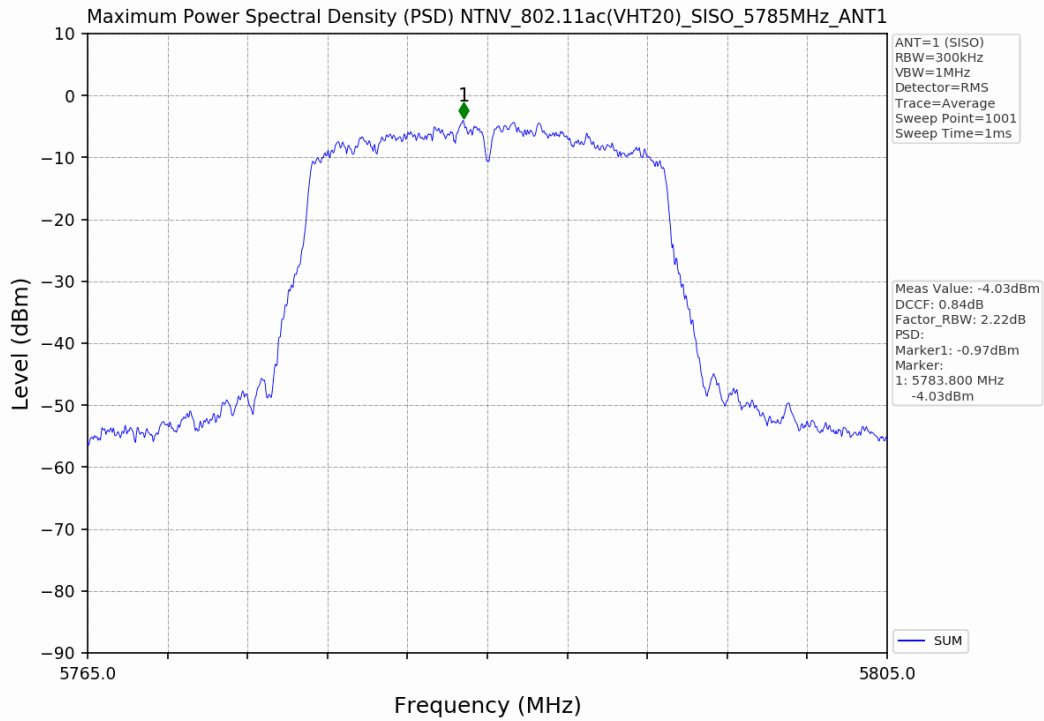
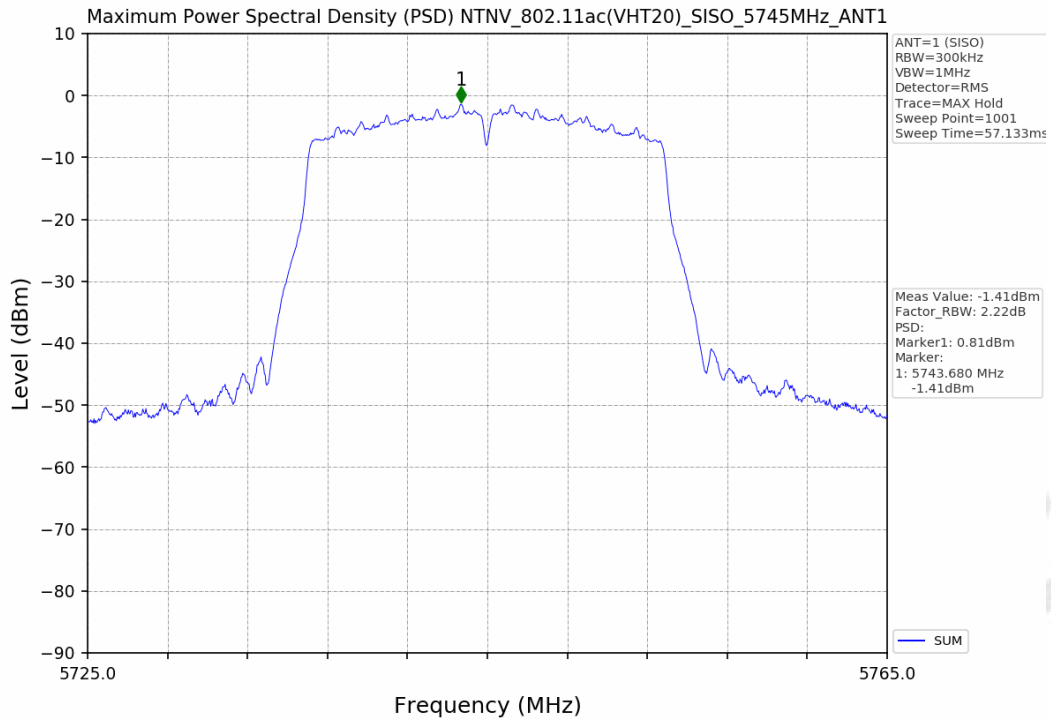


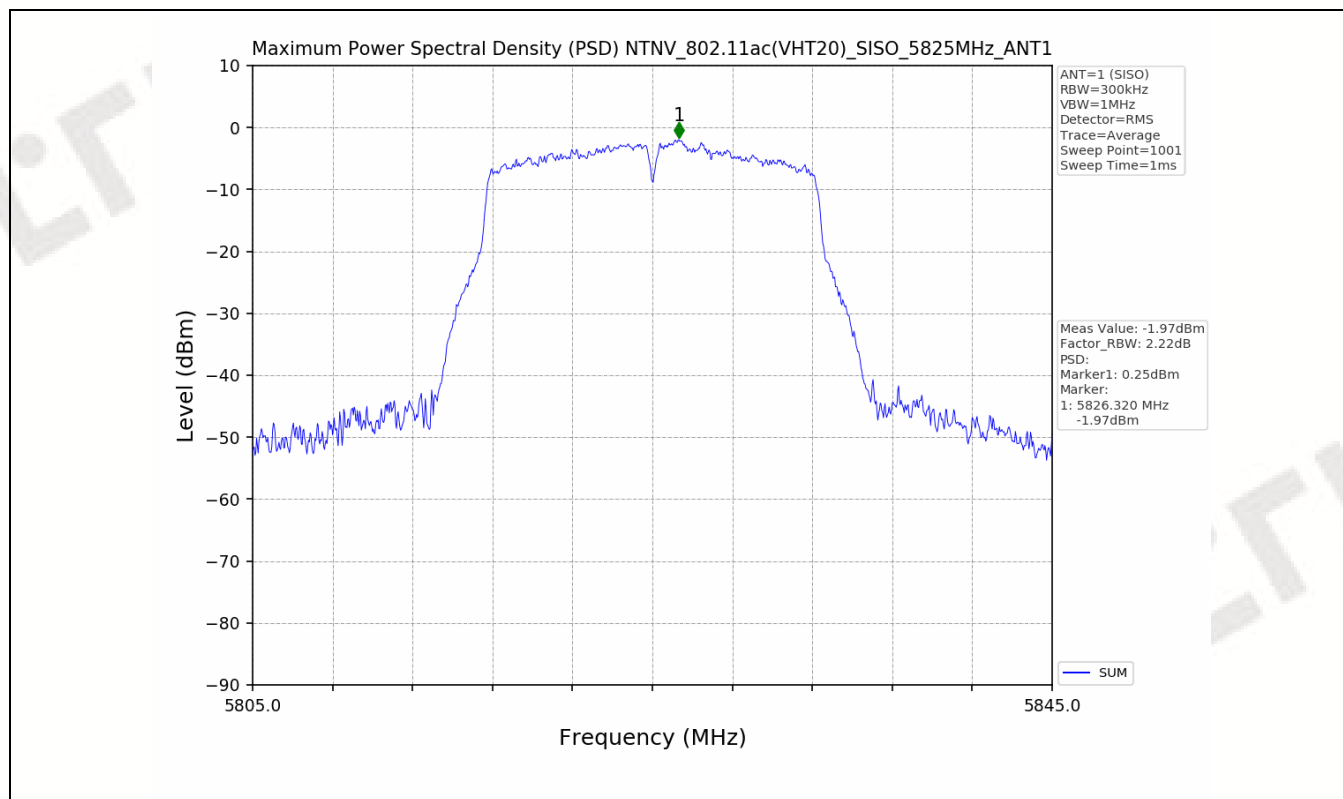












4. Frequency Stability

4.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11a	5180	1	-3.86	<=20	PASS
		5200	1	-3.85	<=20	PASS
		5240	1	-3.82	<=20	PASS
		5260	1	-2.52	<=20	PASS
		5300	1	-3.77	<=20	PASS
		5320	1	-7.52	<=20	PASS
		5745	1	-6.96	<=20	PASS
		5785	1	-3.46	<=20	PASS
		5825	1	-3.43	<=20	PASS