

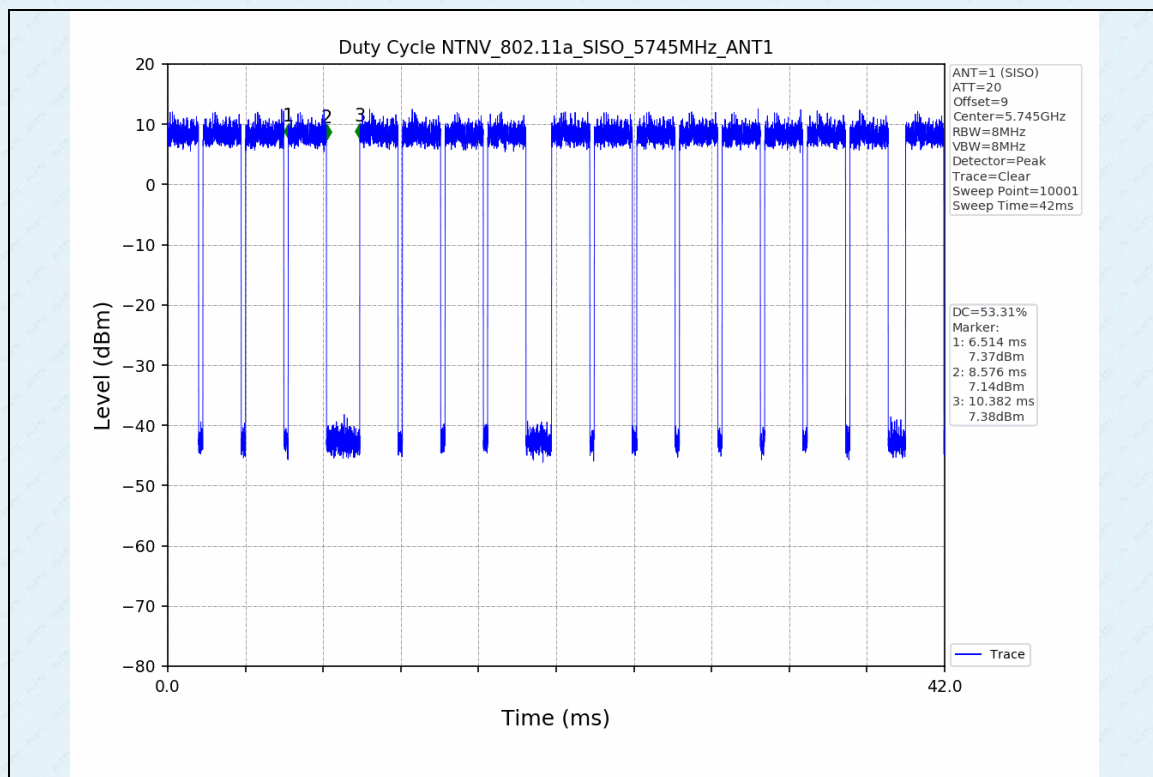
Appendix for 15.407

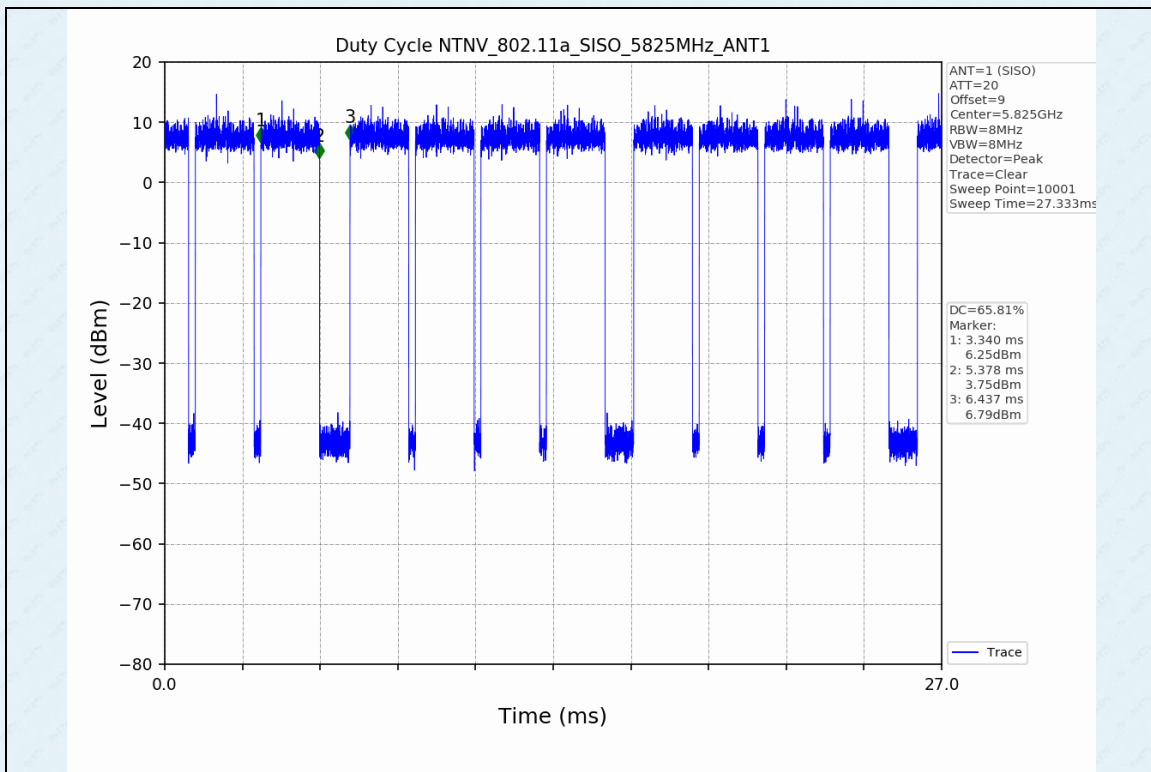
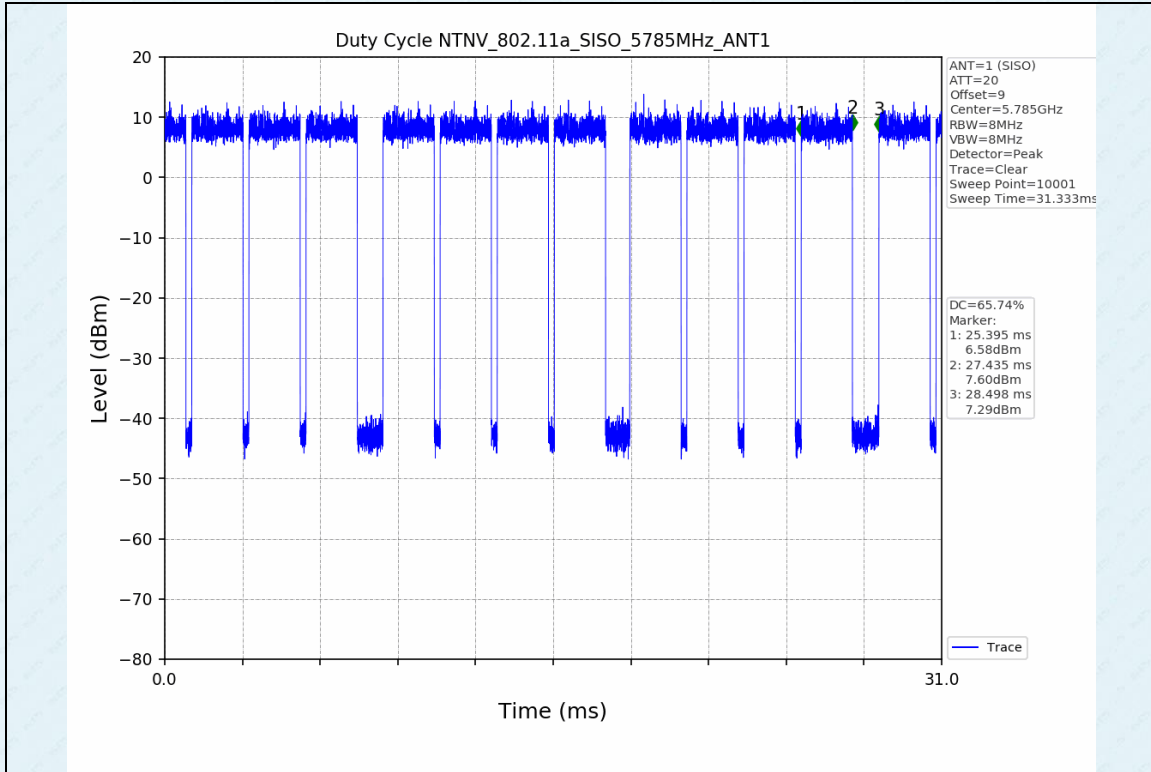
1. Duty Cycle

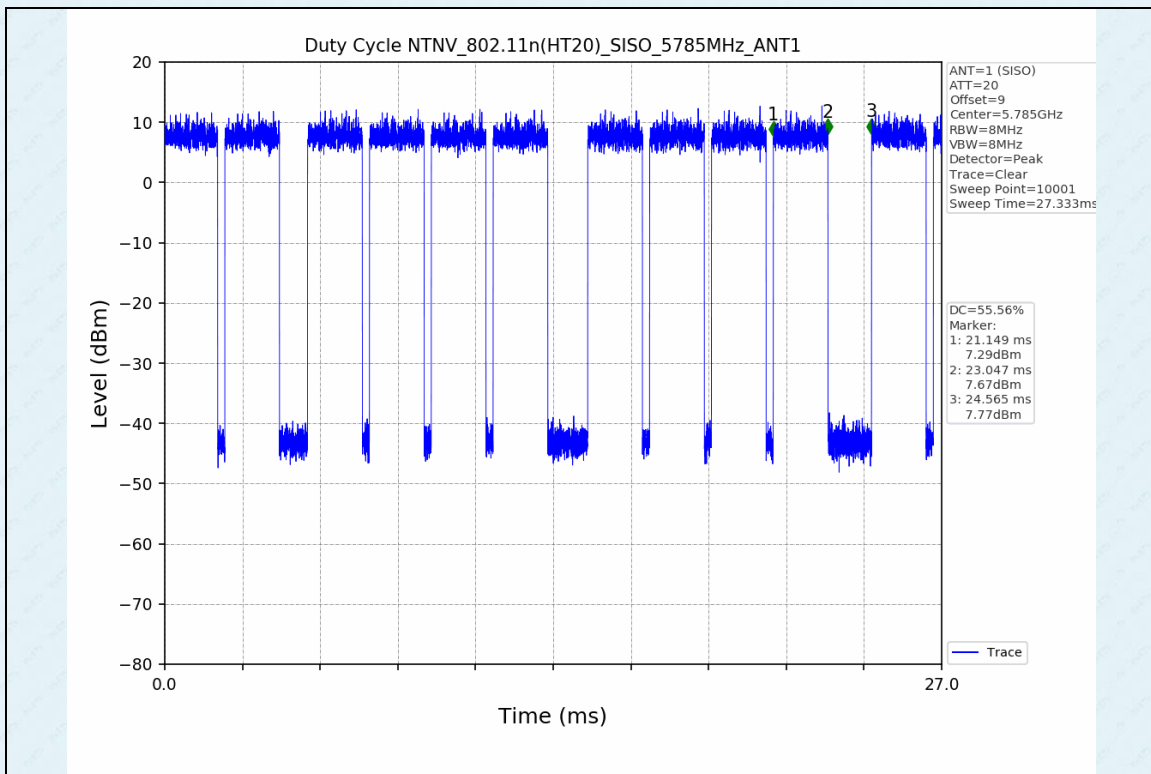
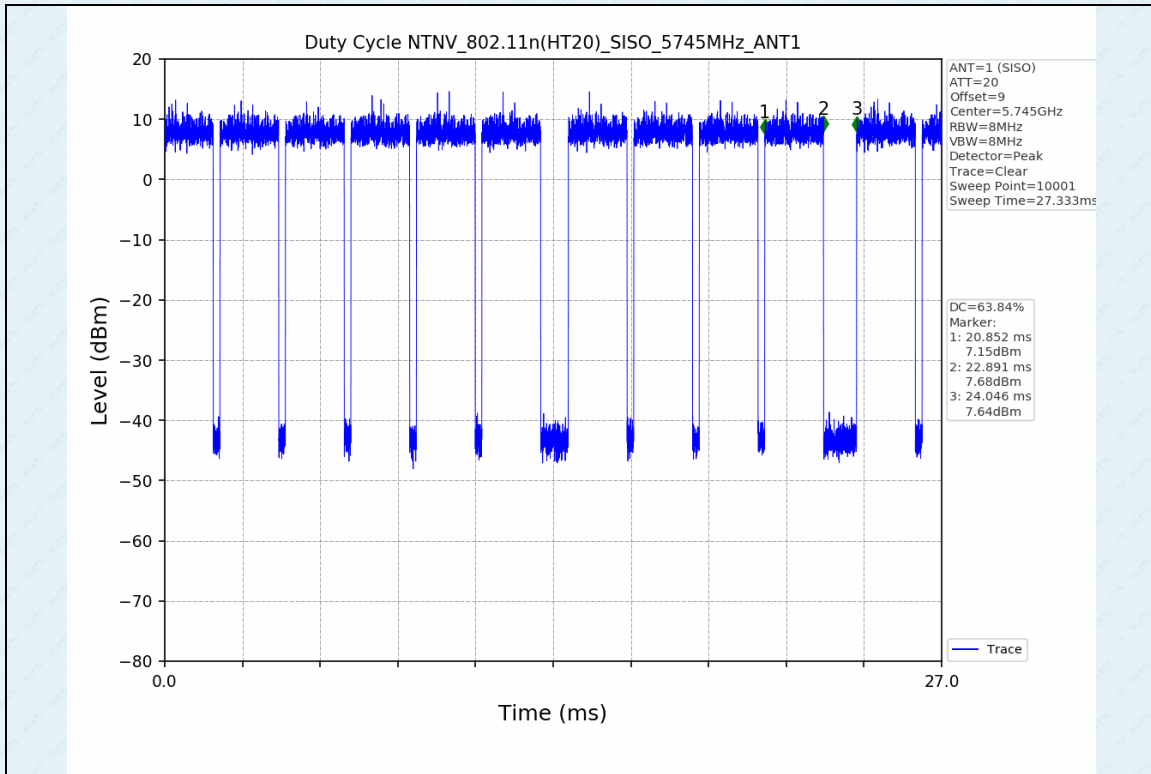
1.1 Test Result

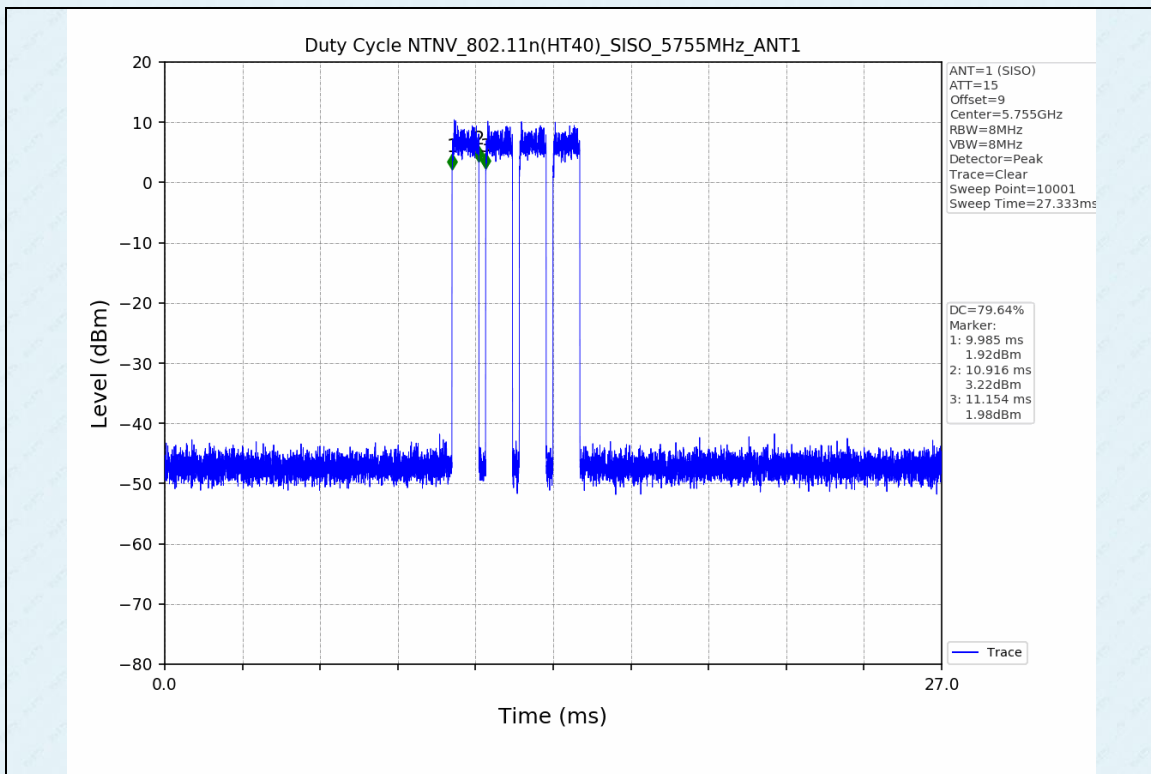
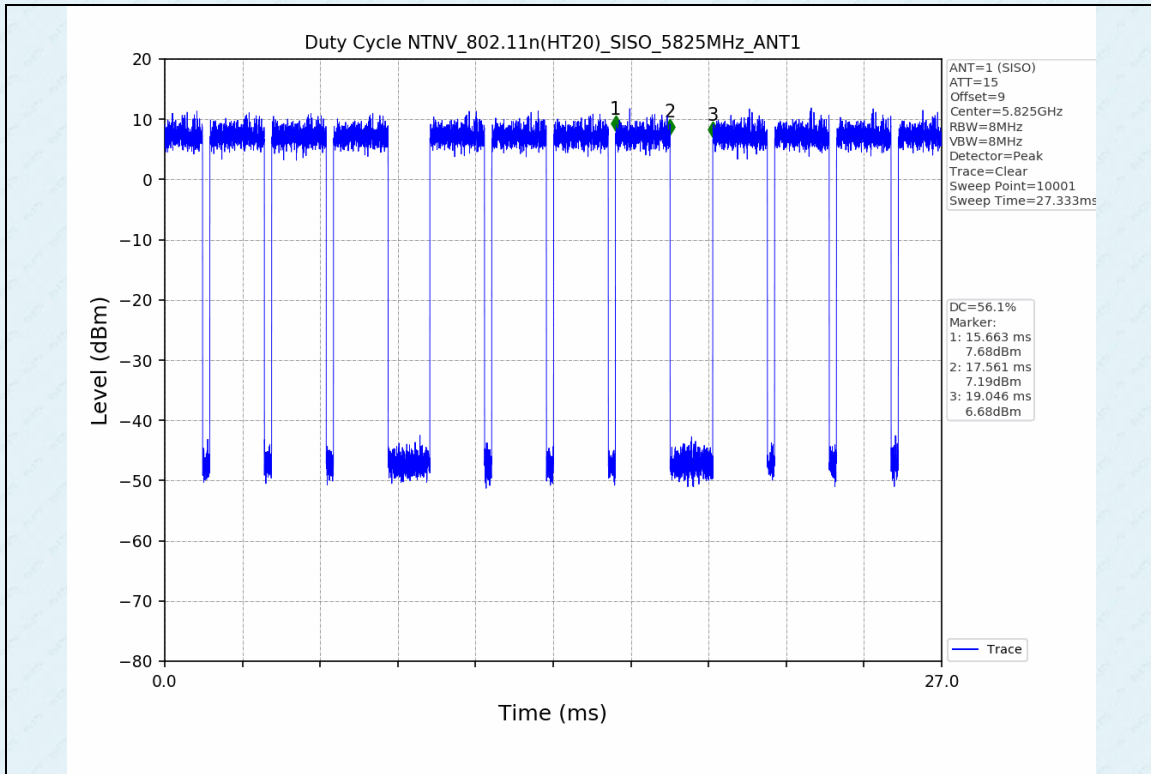
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	2.062	3.868	53.31	2.73
	5785	SISO	1	2.040	3.103	65.74	1.82
	5825	SISO	1	2.038	3.097	65.81	1.82
802.11n(HT20)	5745	SISO	1	2.039	3.194	63.84	1.95
	5785	SISO	1	1.898	3.416	55.56	2.55
	5825	SISO	1	1.898	3.383	56.10	2.51
802.11n(HT40)	5755	SISO	1	0.931	1.169	79.64	0.99
	5795	SISO	1	0.932	6.386	14.59	8.36
802.11ac(VHT20)	5745	SISO	1	1.923	13.399	14.35	8.43
	5785	SISO	1	1.912	3.484	54.88	2.61
	5825	SISO	1	1.909	3.478	54.89	2.61
802.11ac(VHT40)	5755	SISO	1	0.949	6.464	14.68	8.33
	5795	SISO	1	0.952	6.465	14.73	8.32
802.11ac(VHT80)	5775	SISO	1	0.454	0.697	65.14	1.86

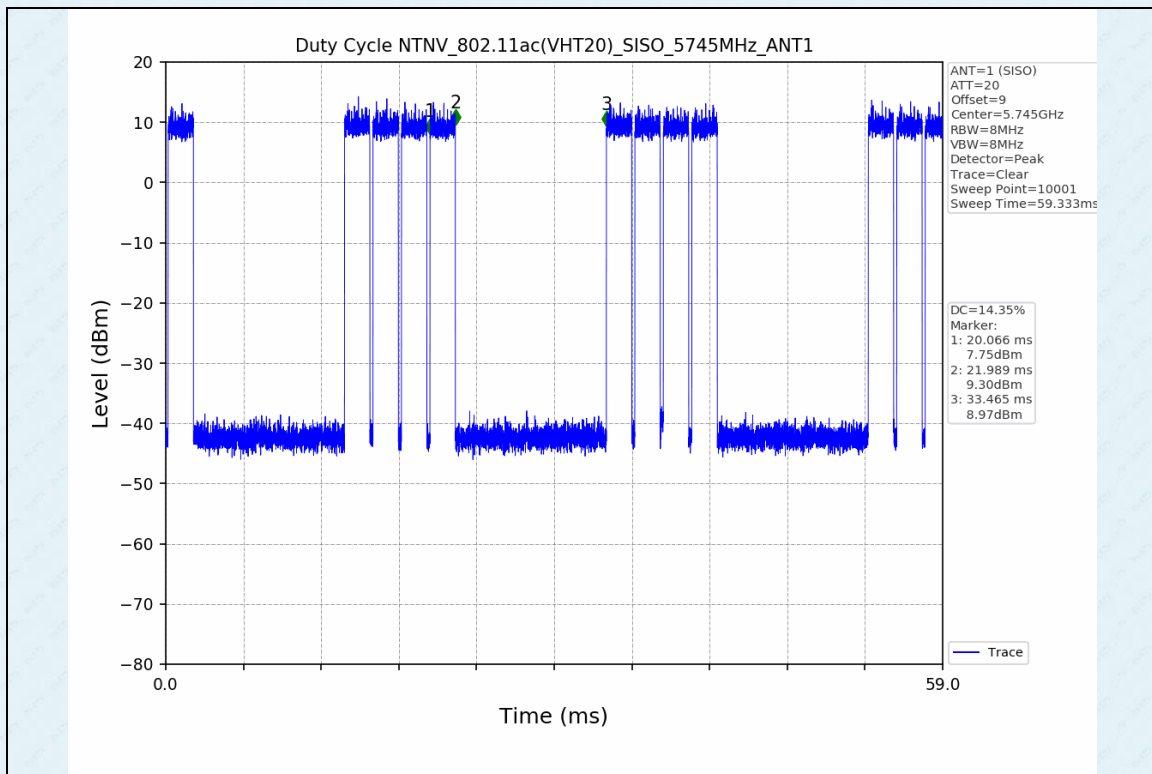
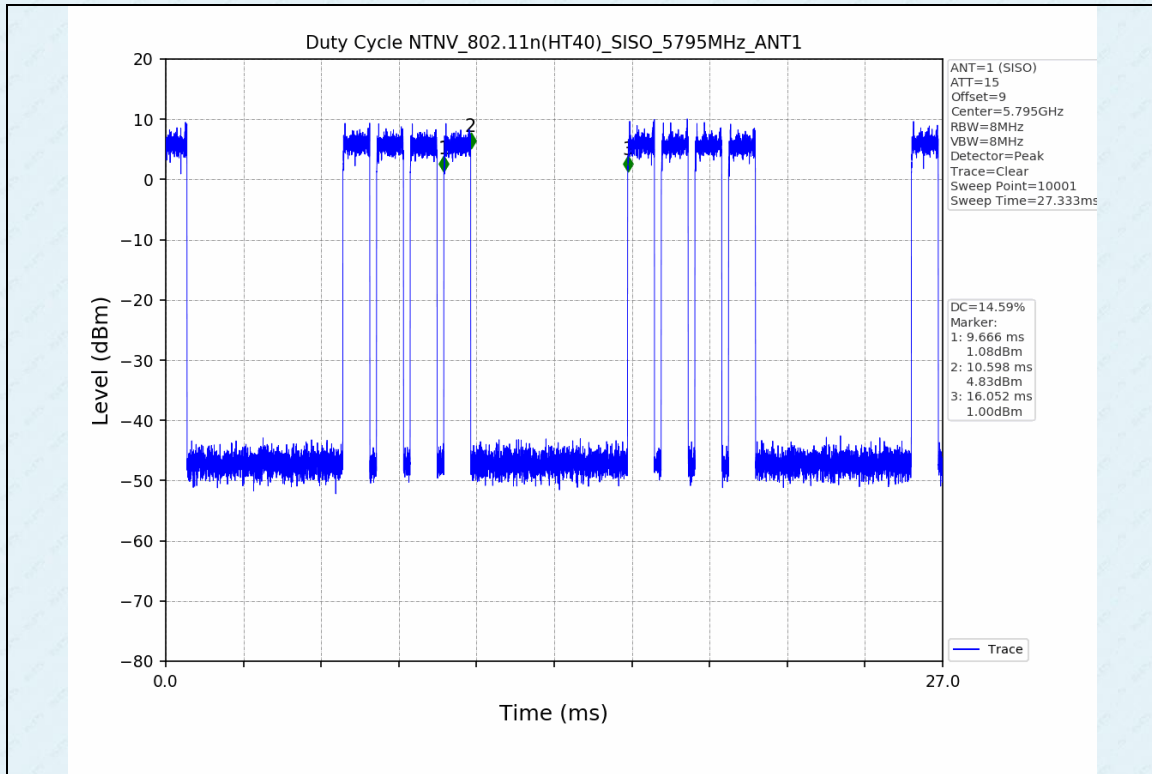
1.2 Test Graph

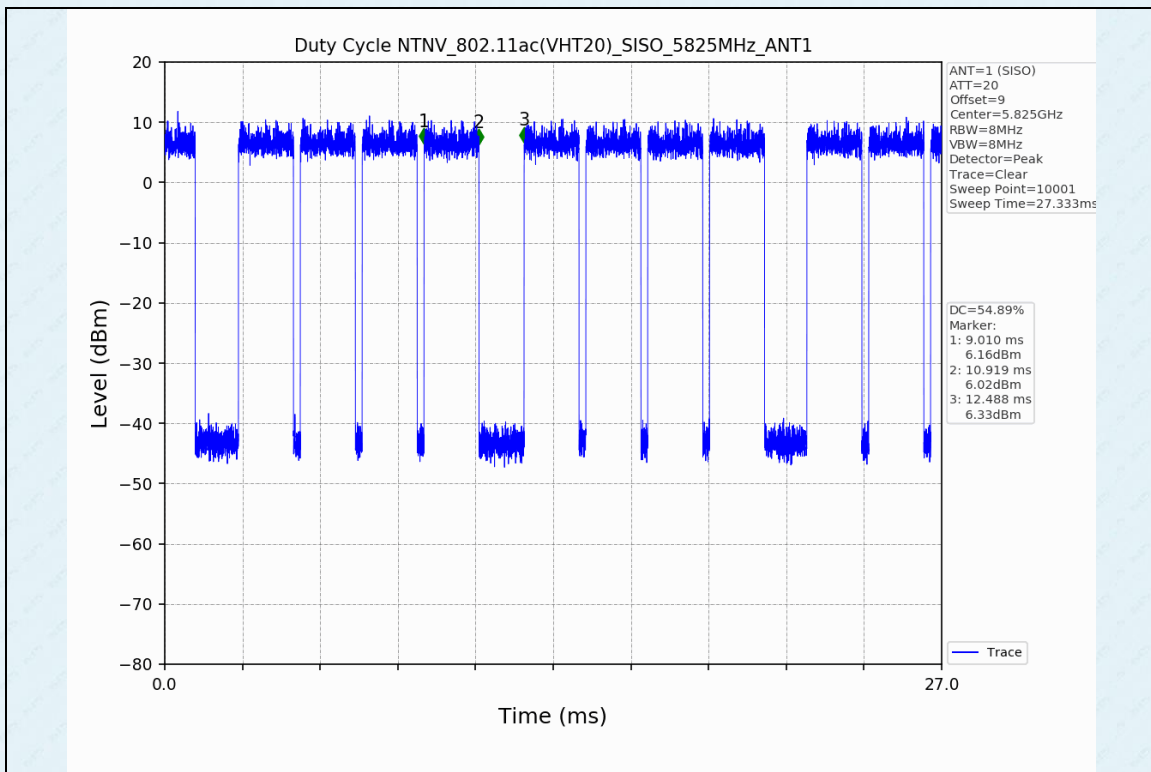
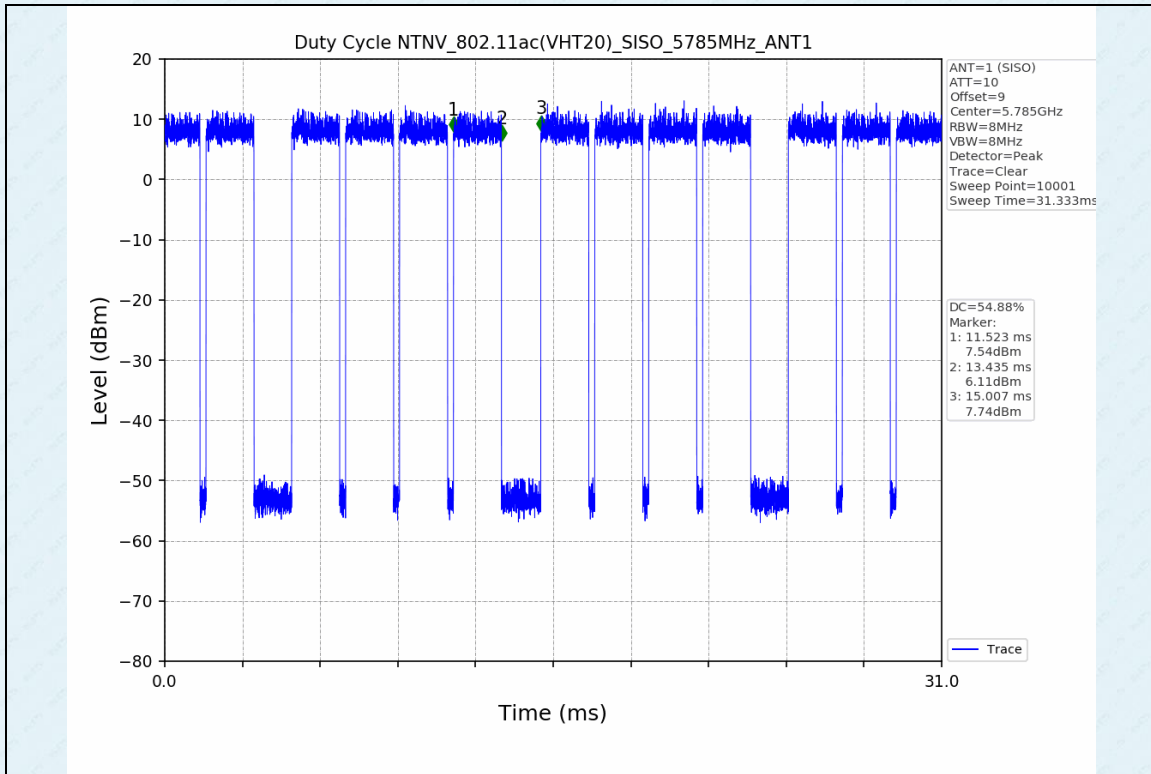


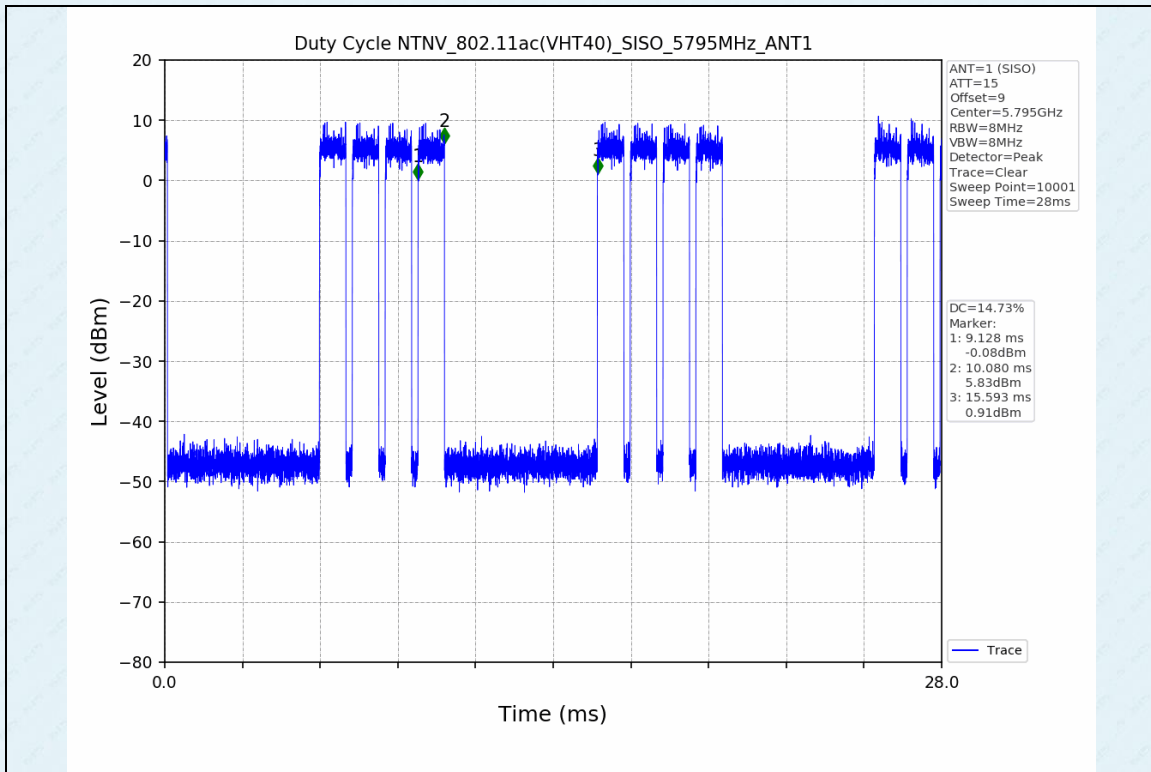
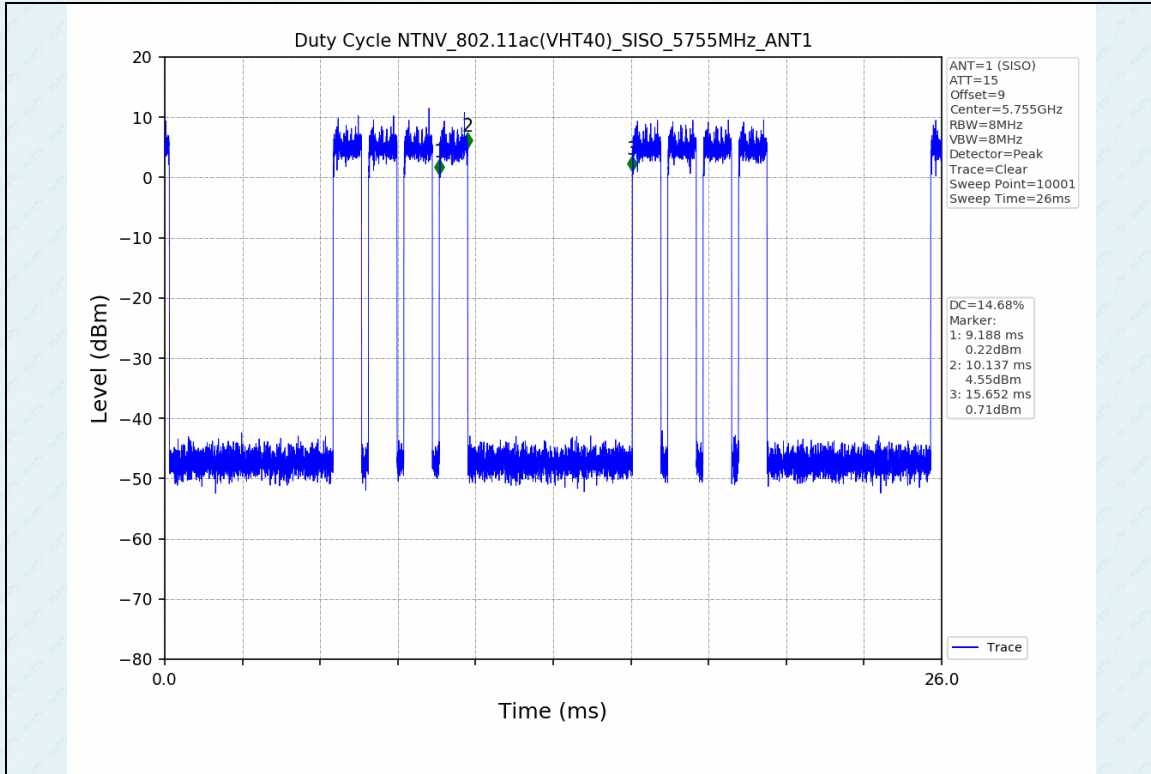


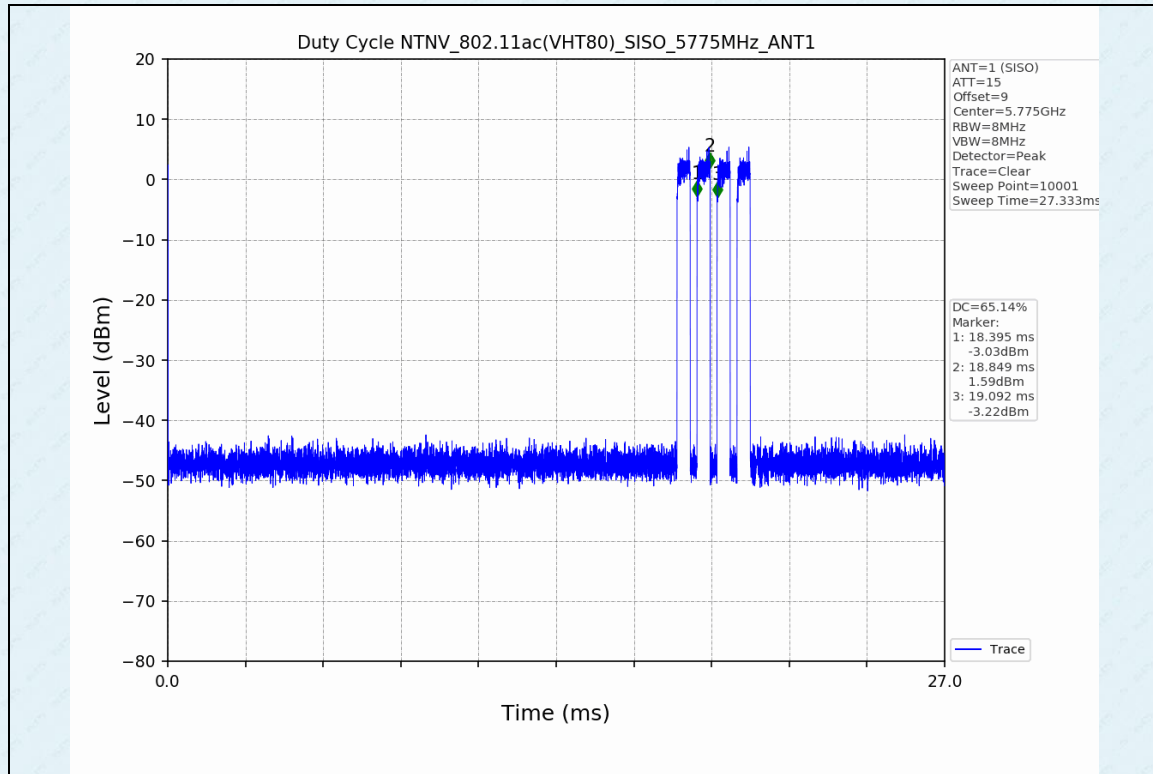












2. Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.115	≥0.5	PASS
	5785	SISO	1	16.366	≥0.5	PASS
	5825	SISO	1	16.328	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	16.331	≥0.5	PASS
	5785	SISO	1	16.353	≥0.5	PASS
	5825	SISO	1	16.345	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.665	≥0.5	PASS
	5795	SISO	1	35.438	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	16.209	≥0.5	PASS
	5785	SISO	1	16.171	≥0.5	PASS
	5825	SISO	1	16.709	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.180	≥0.5	PASS
	5795	SISO	1	34.953	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	74.988	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.713	Only for Report Use
	5785	SISO	1	16.610	Only for Report Use
	5825	SISO	1	16.647	Only for Report Use
802.11n(HT20)	5745	SISO	1	16.621	Only for Report Use
	5785	SISO	1	17.666	Only for Report Use

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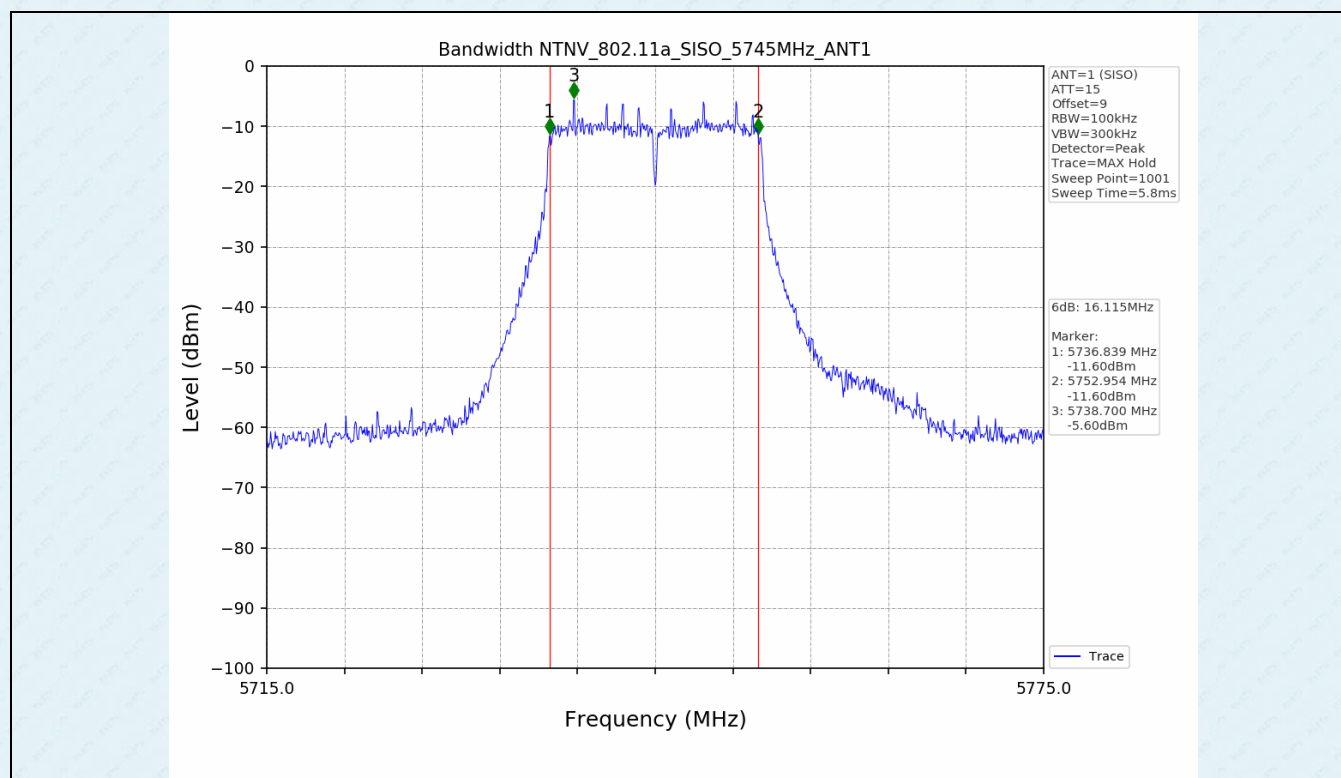
No.123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone,

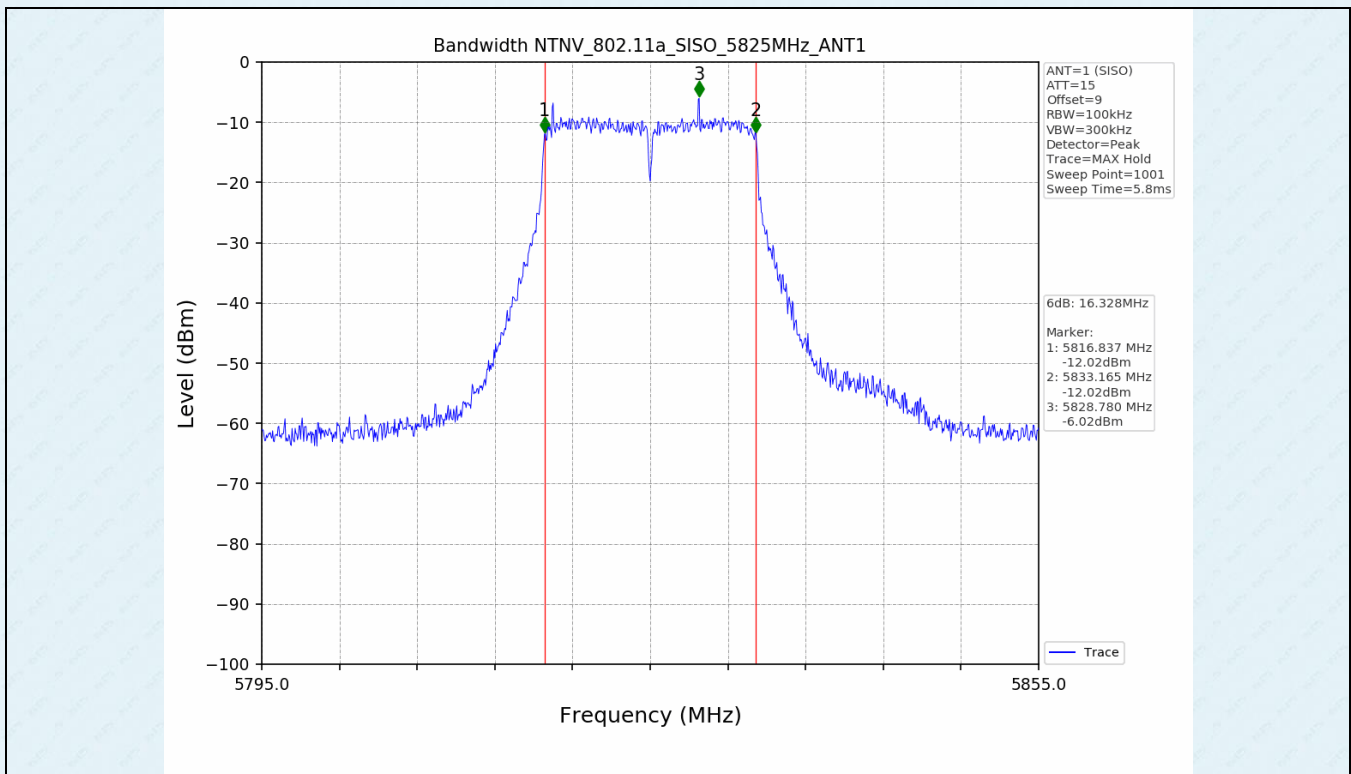
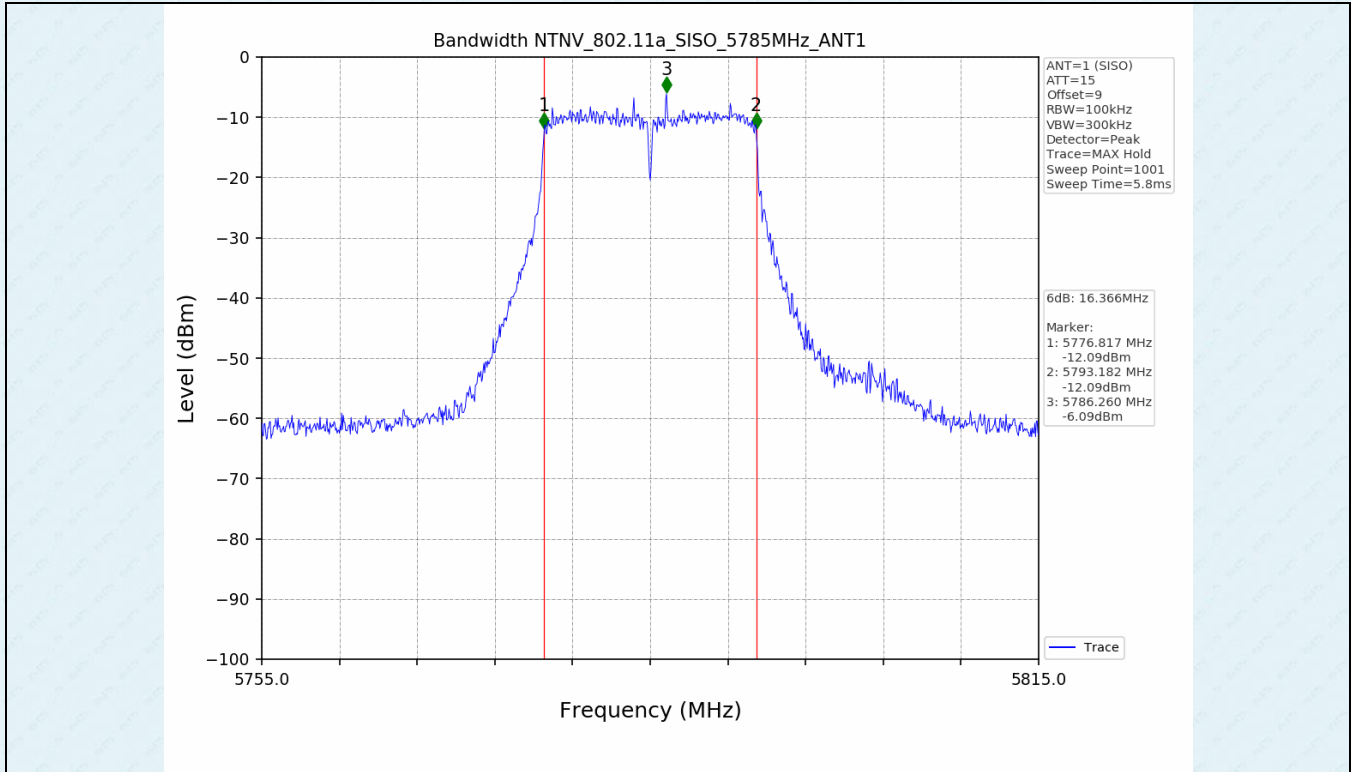
Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

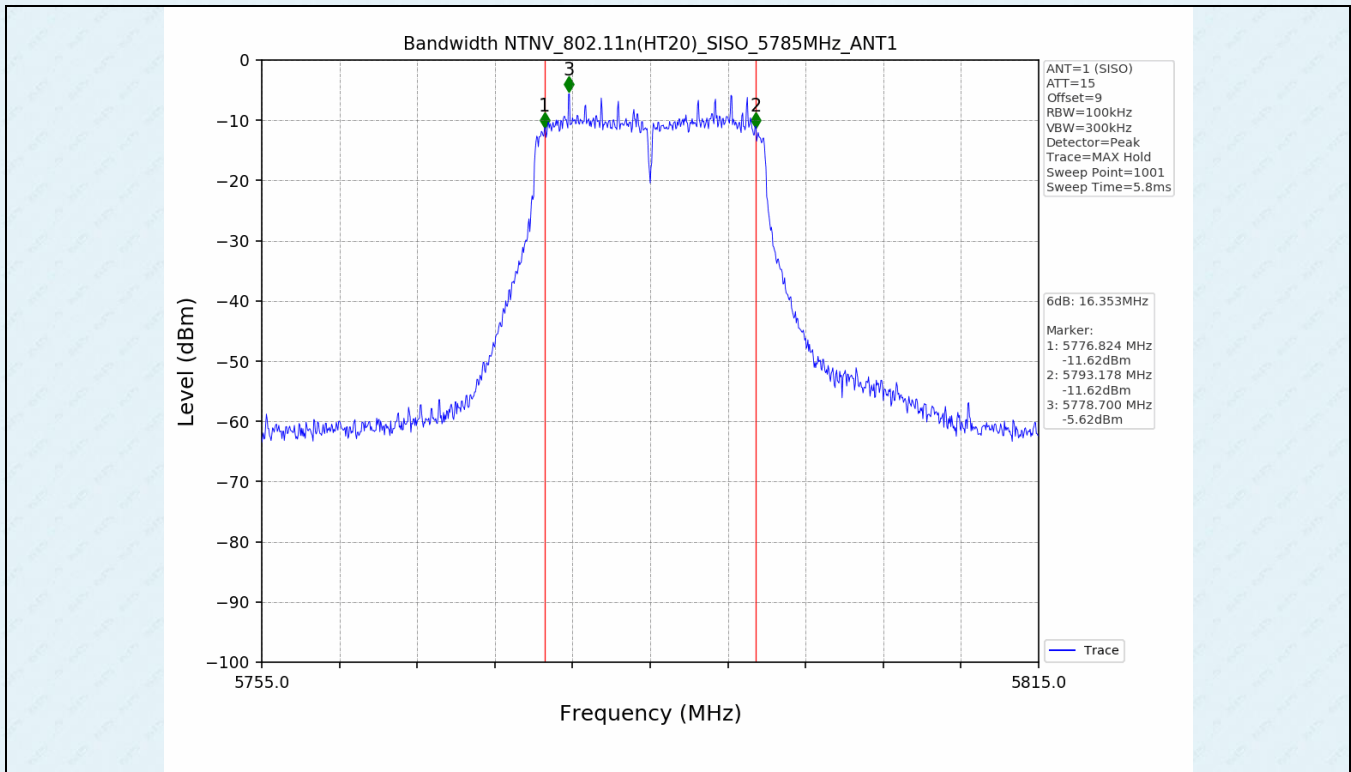
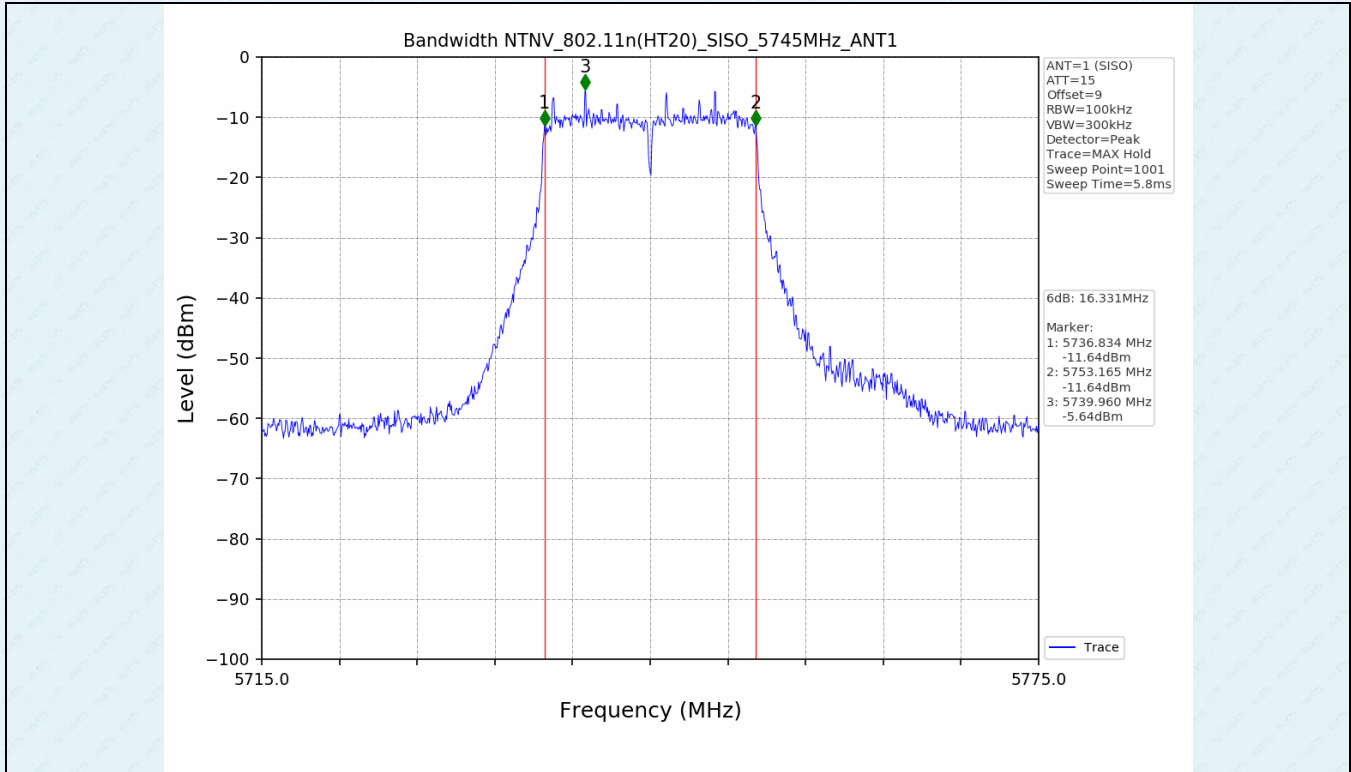
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960

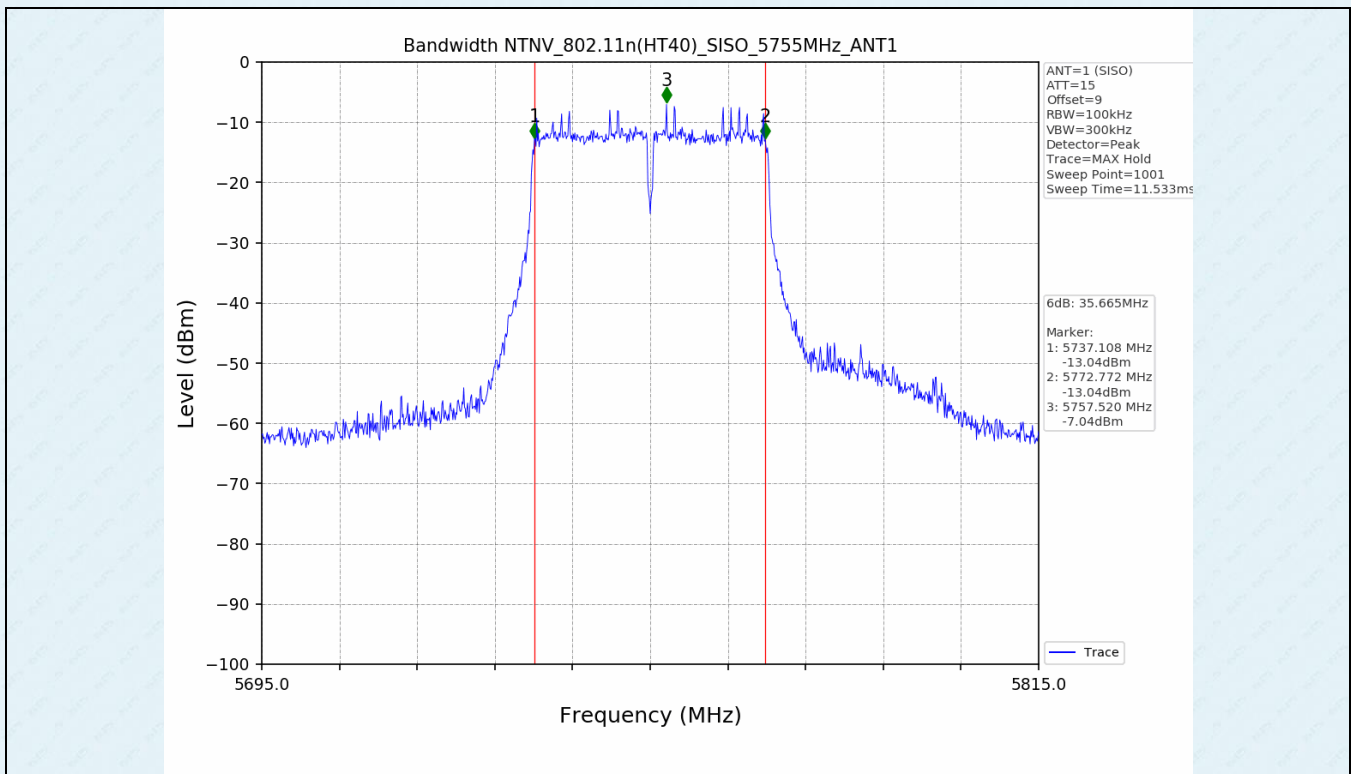
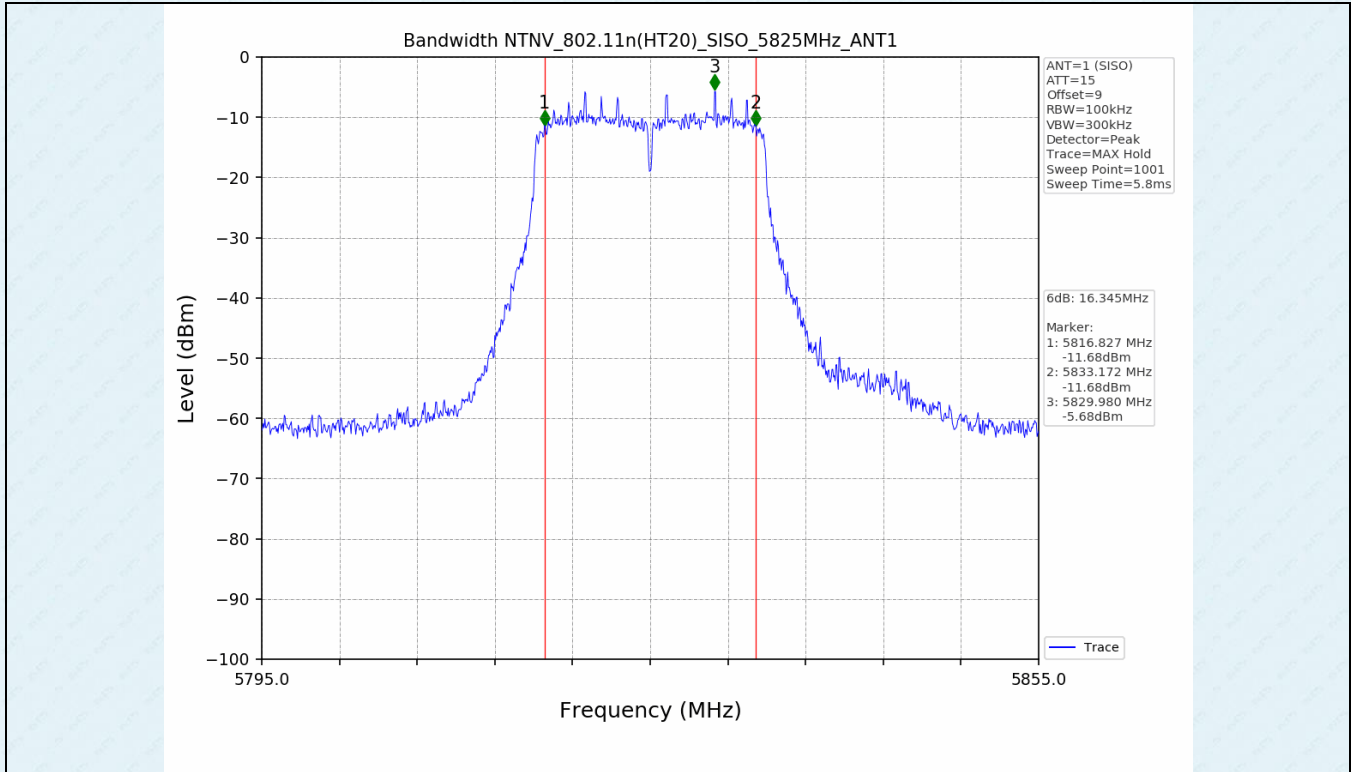
	5825	SISO	1	17.604	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.541	Only for Report Use
	5795	SISO	1	36.598	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.623	Only for Report Use
	5785	SISO	1	17.606	Only for Report Use
	5825	SISO	1	17.720	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.538	Only for Report Use
	5795	SISO	1	36.602	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.163	Only for Report Use

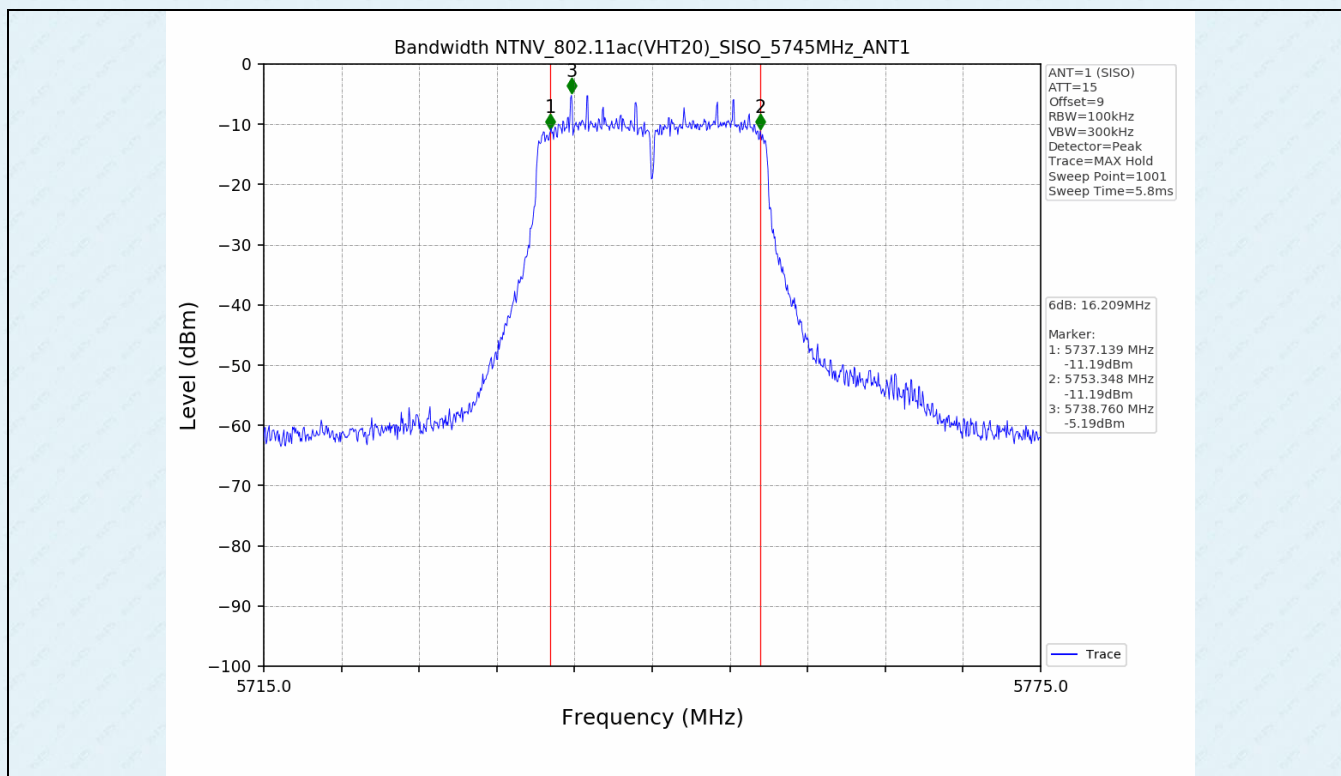
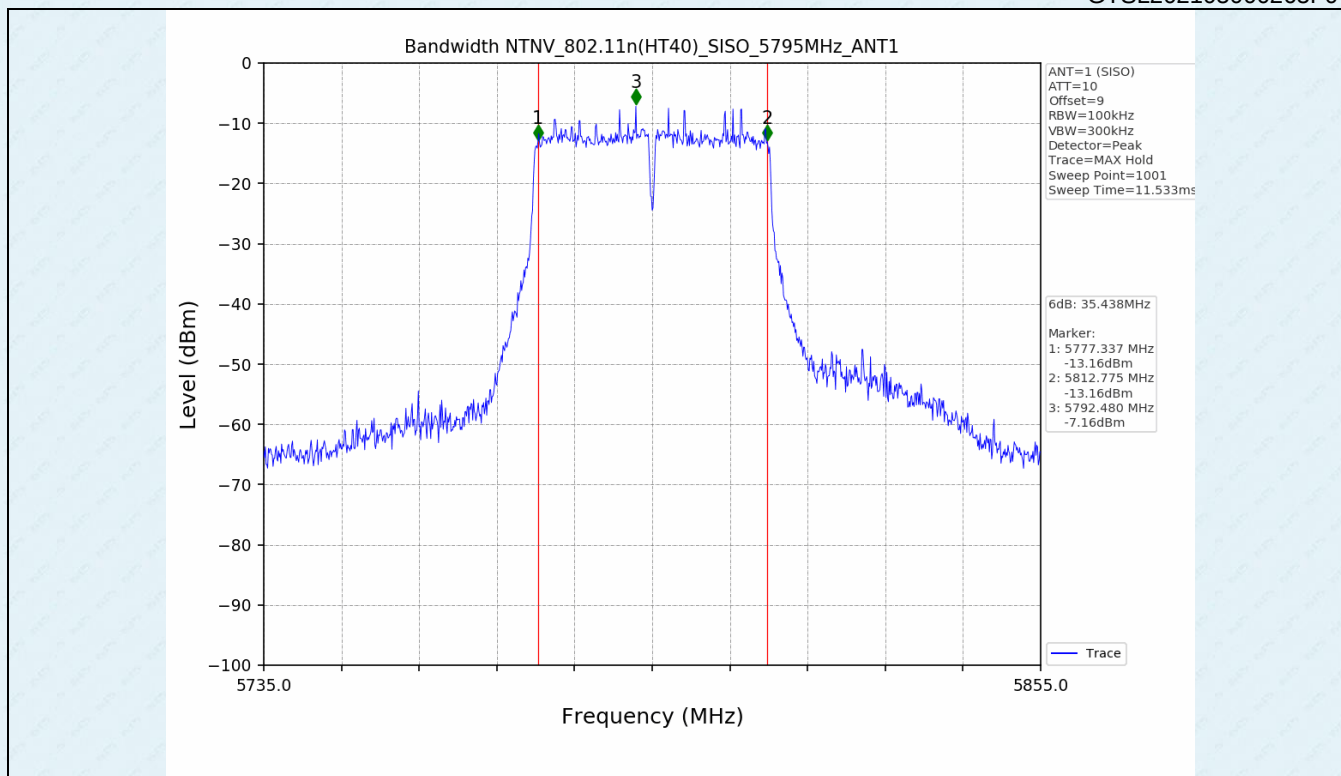
2.2 Test Graph - Emission Bandwidth

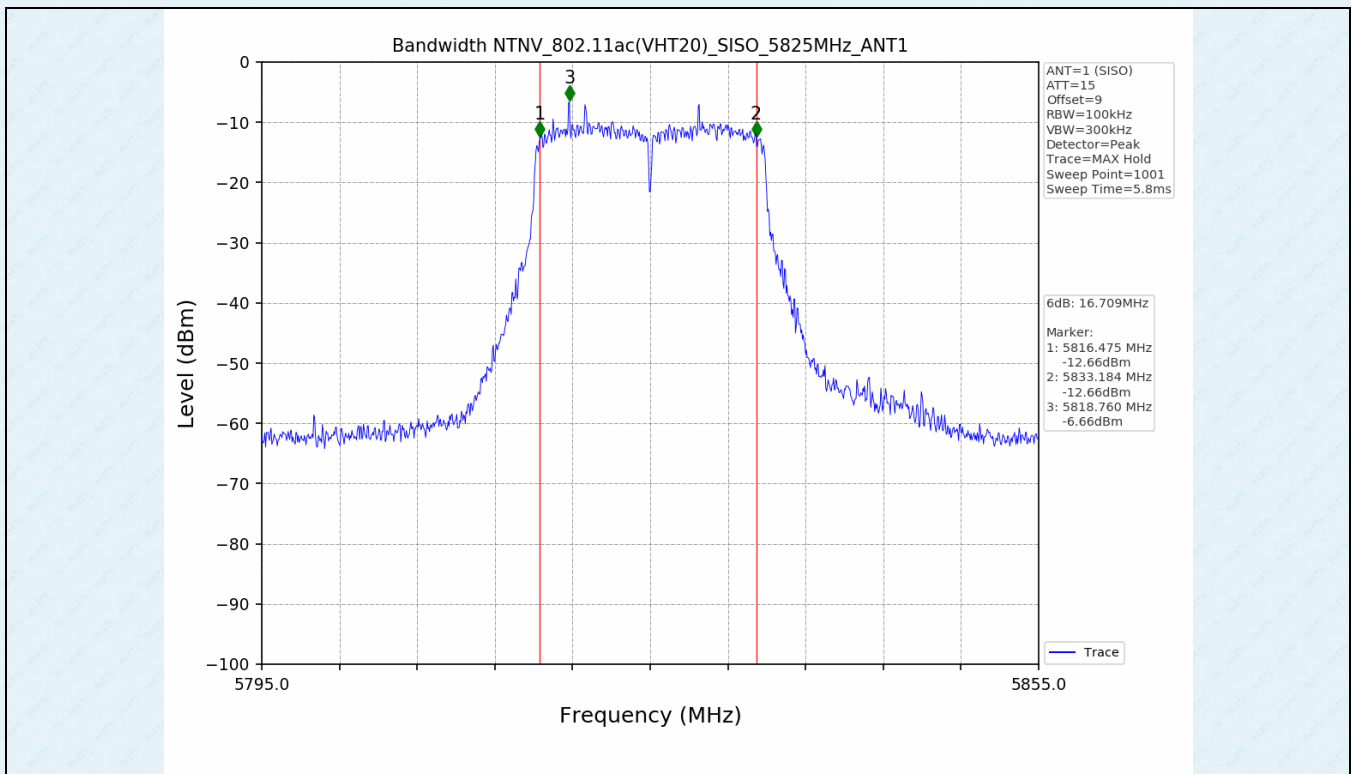
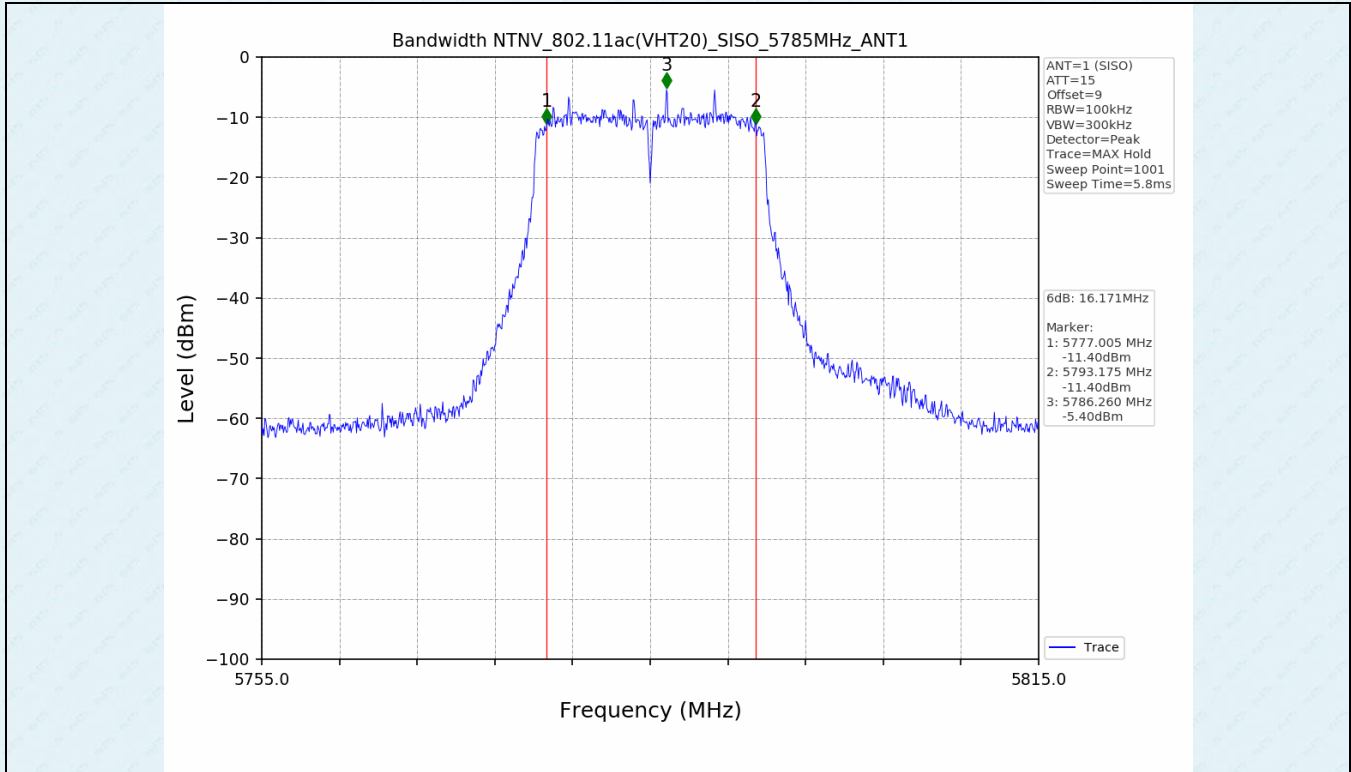


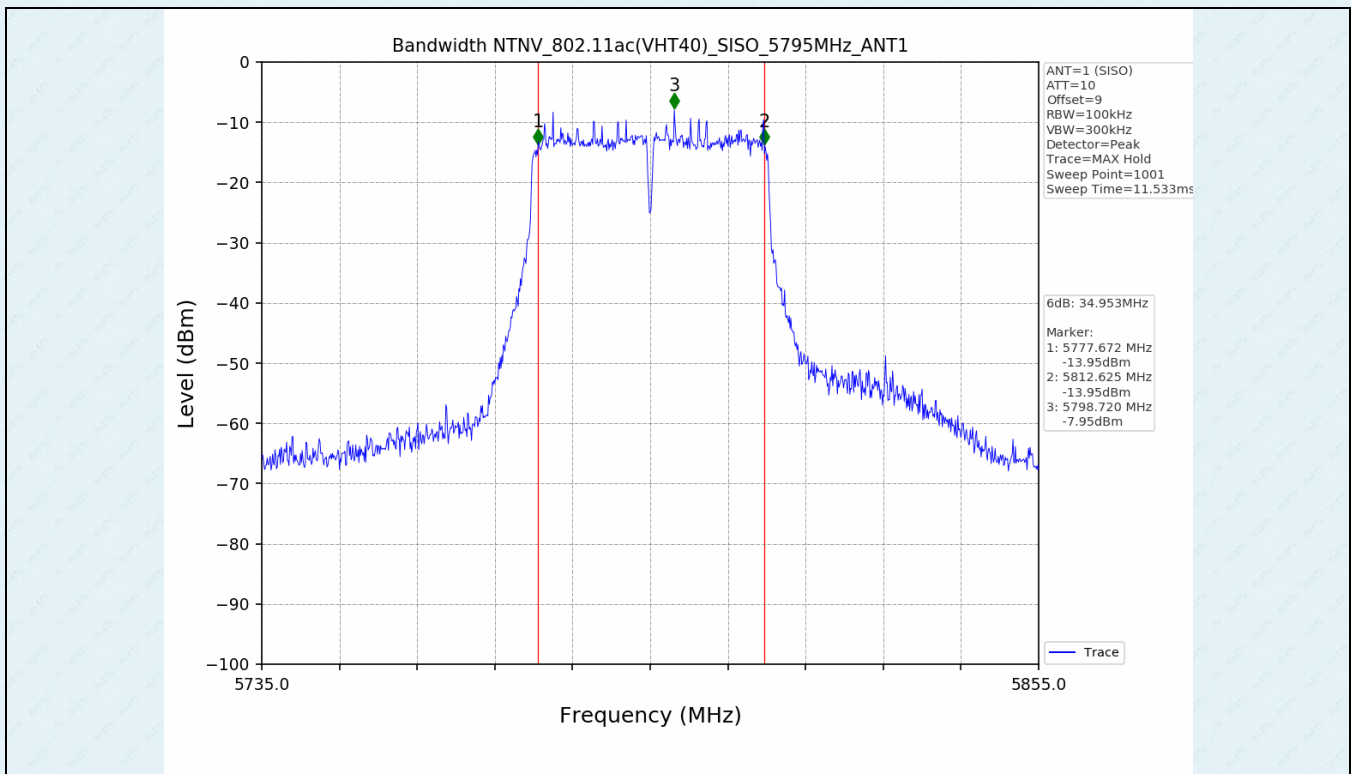
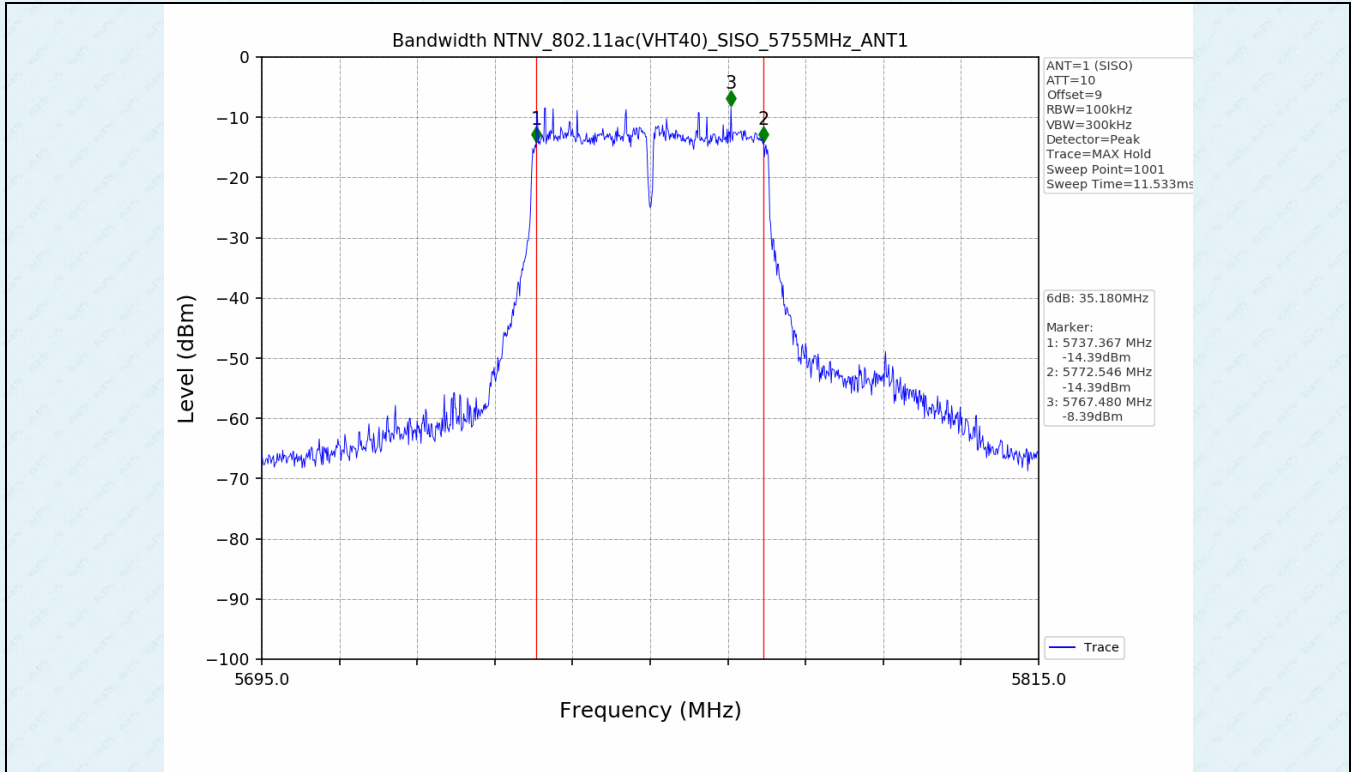


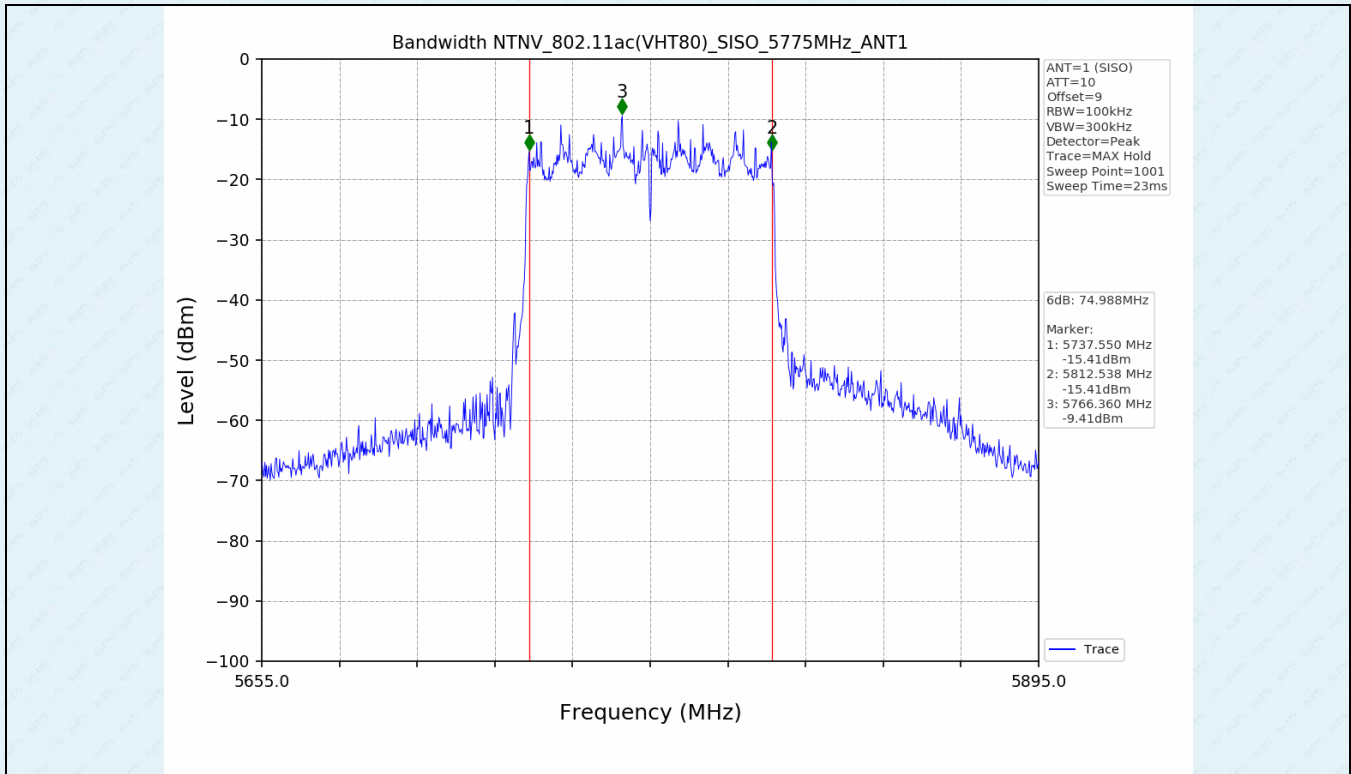




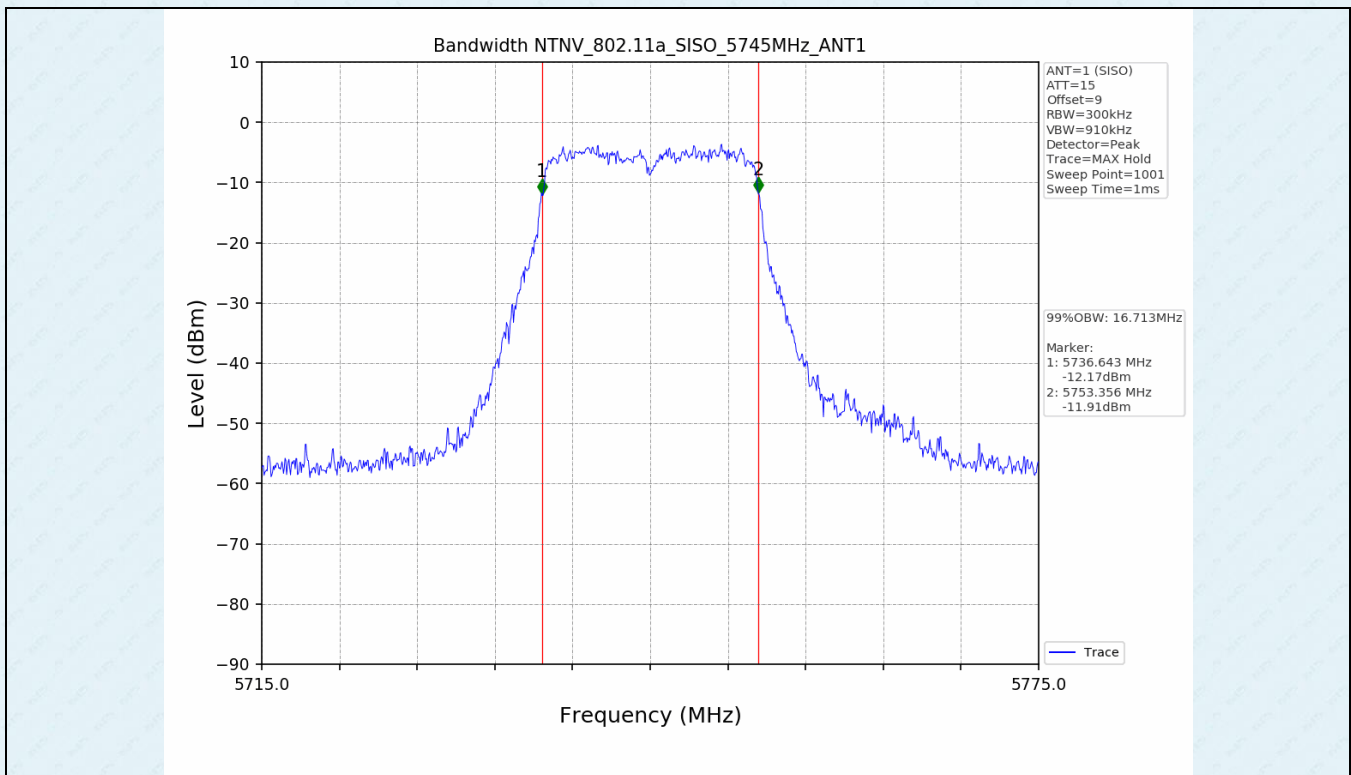


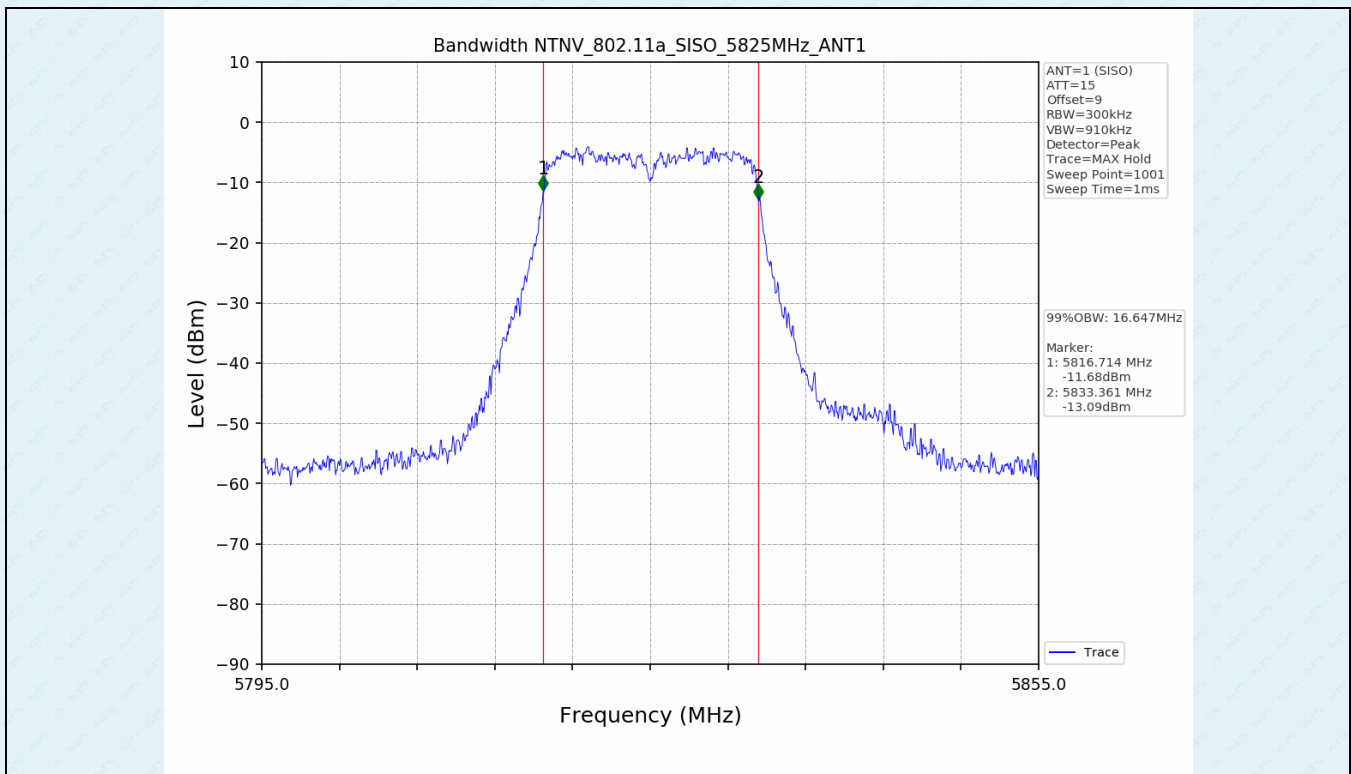
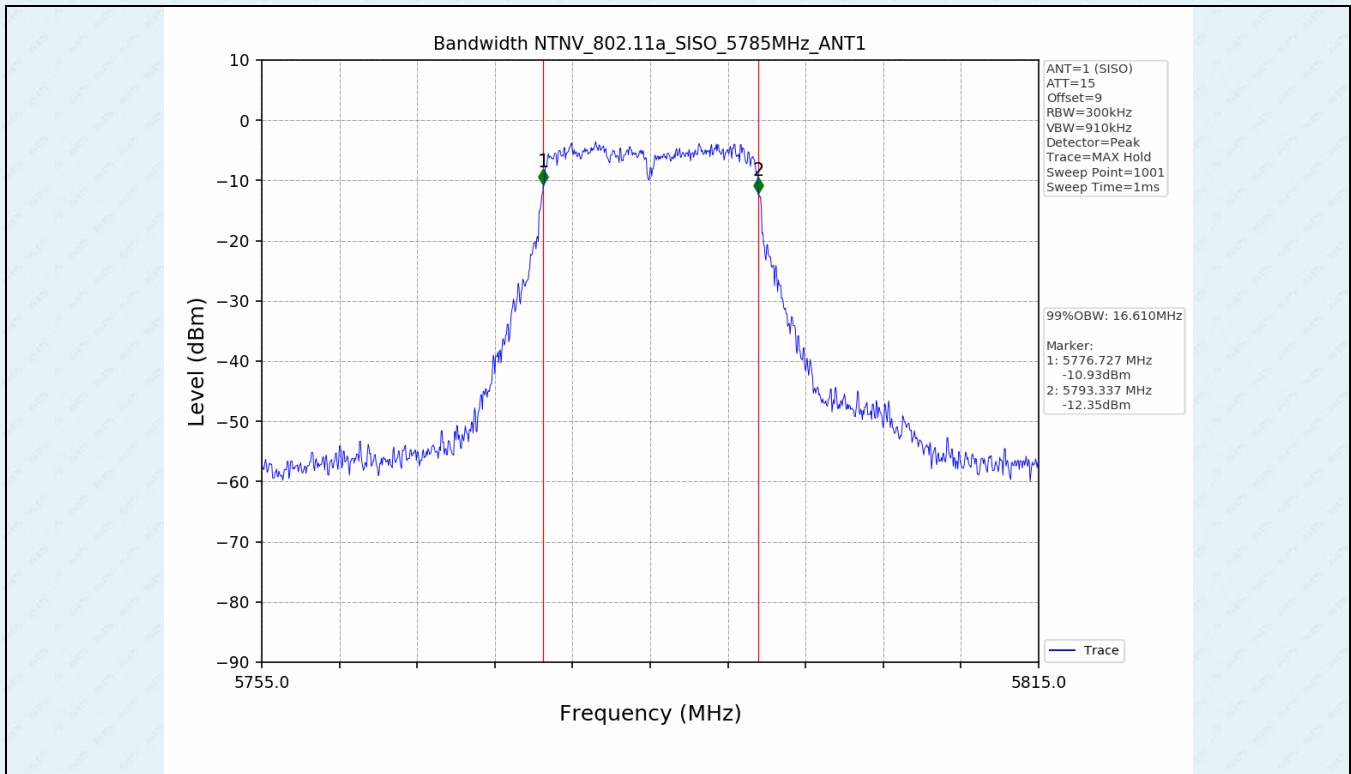


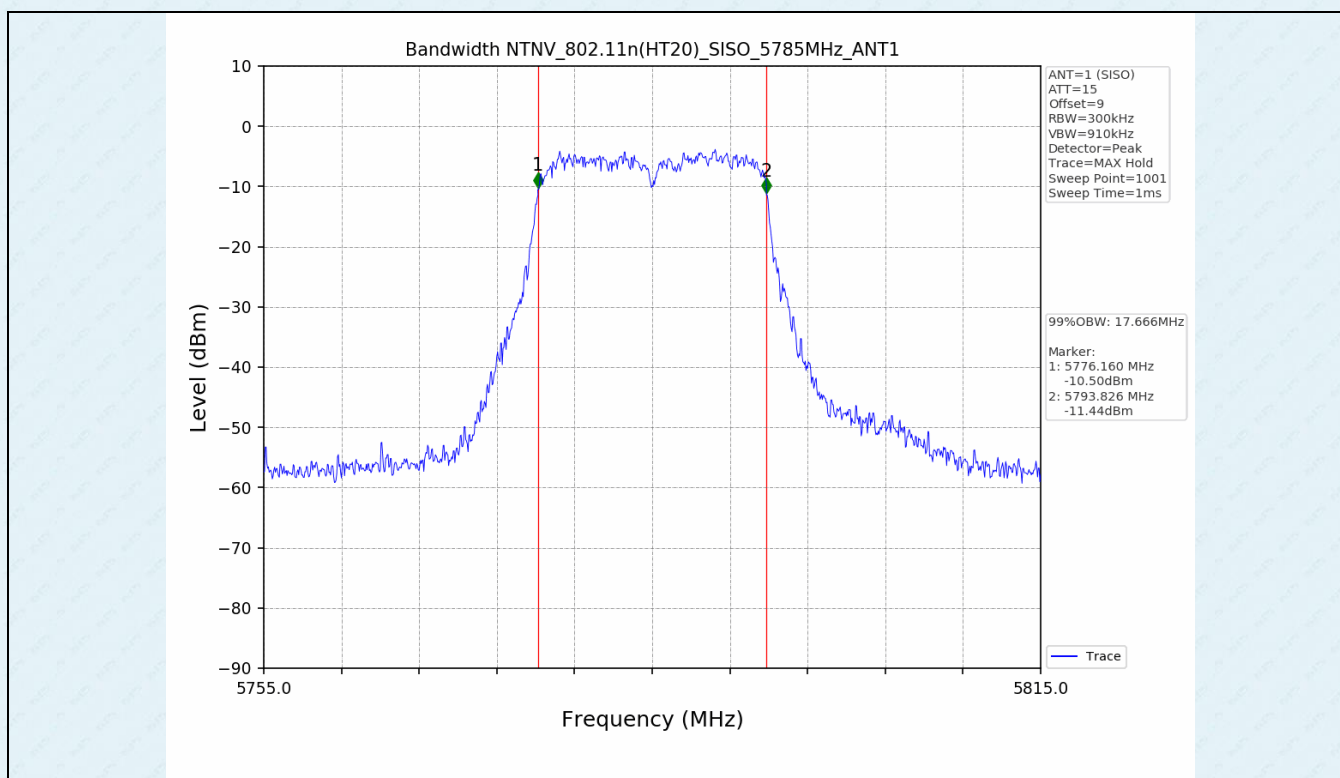
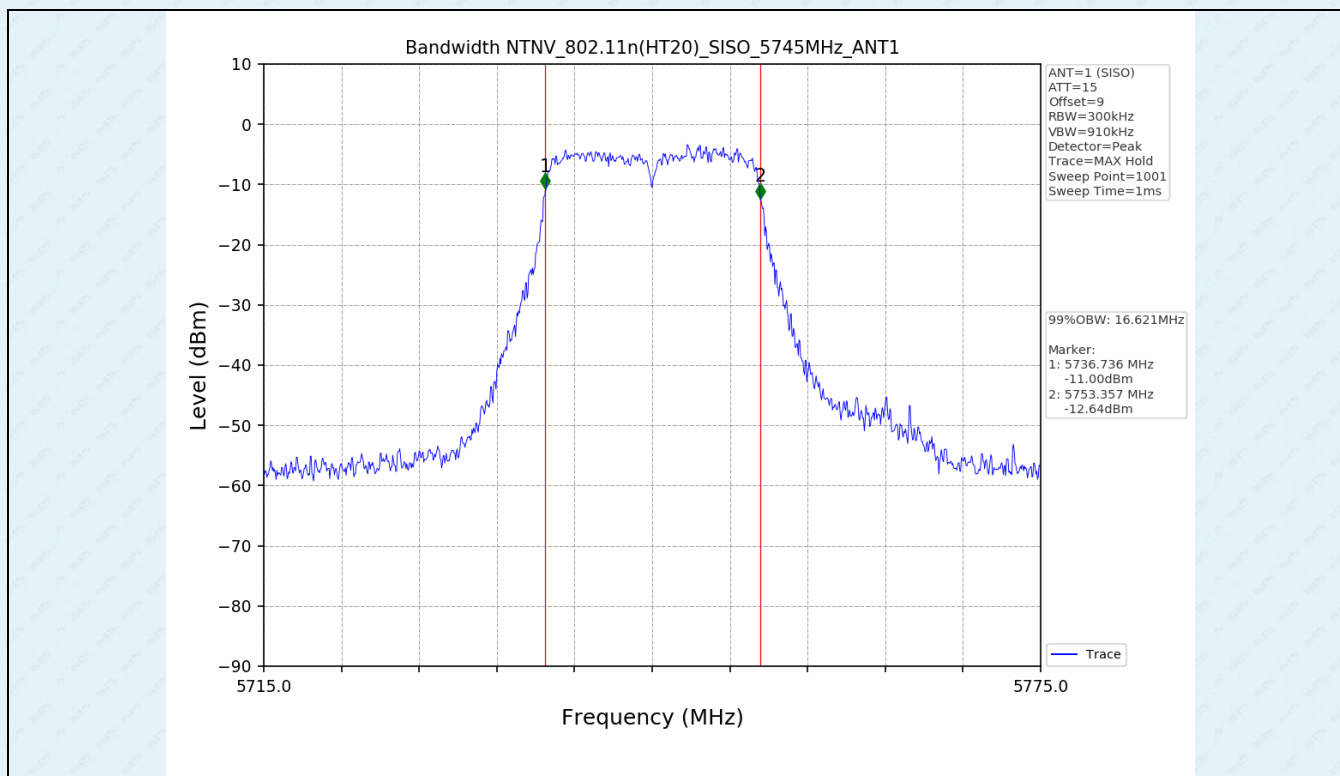


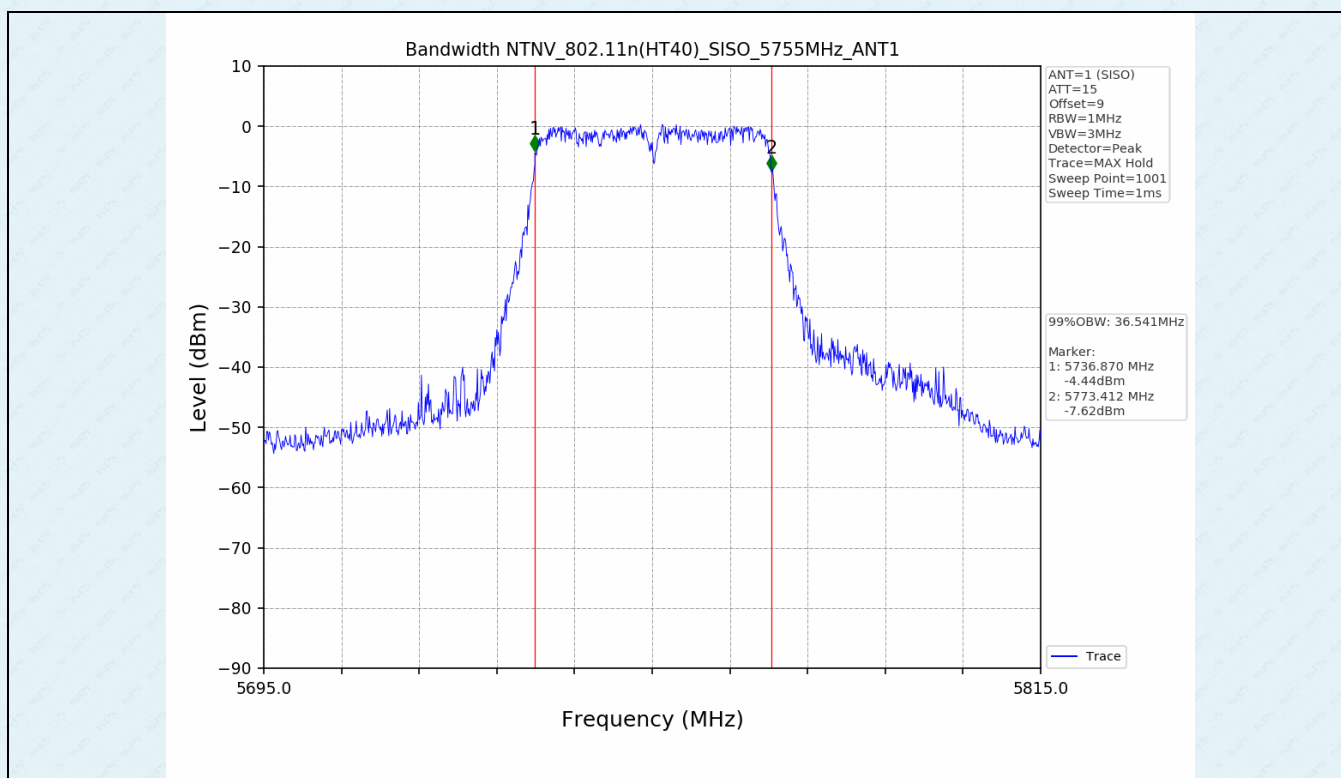
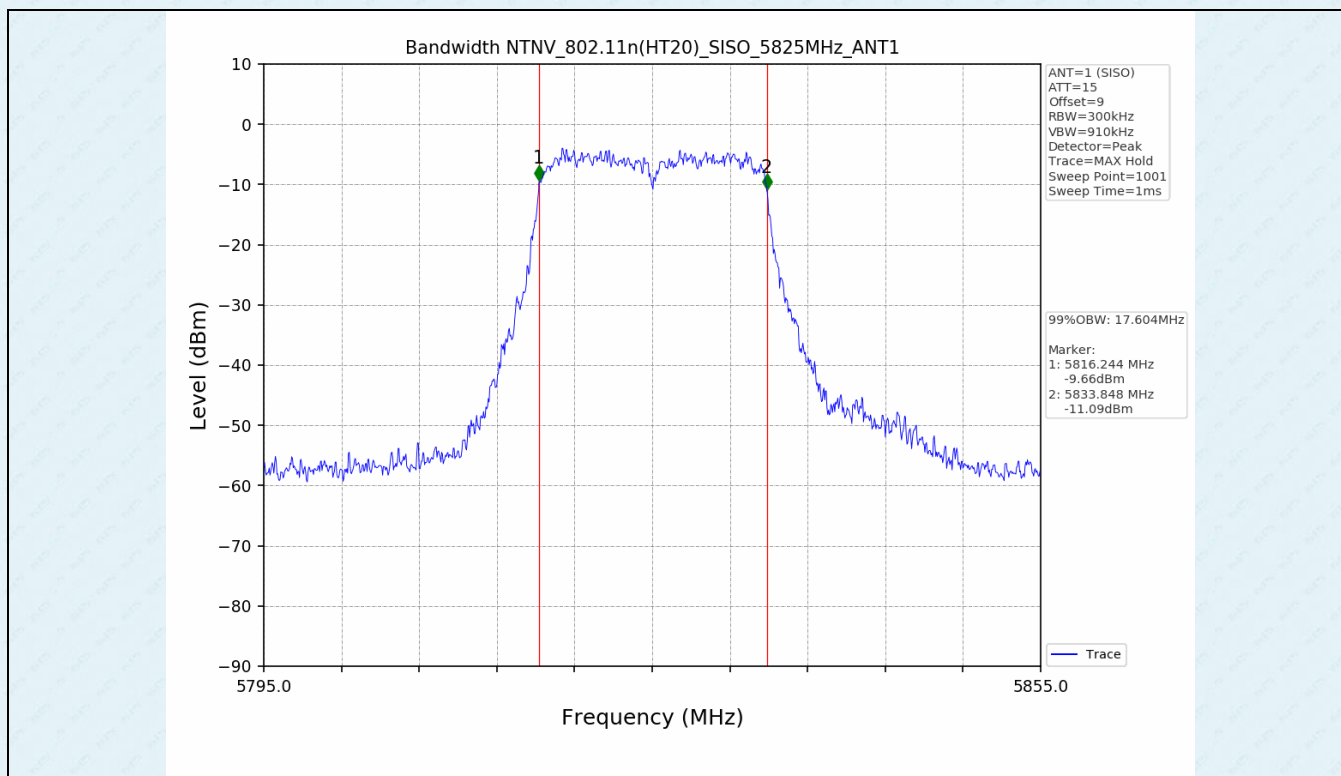


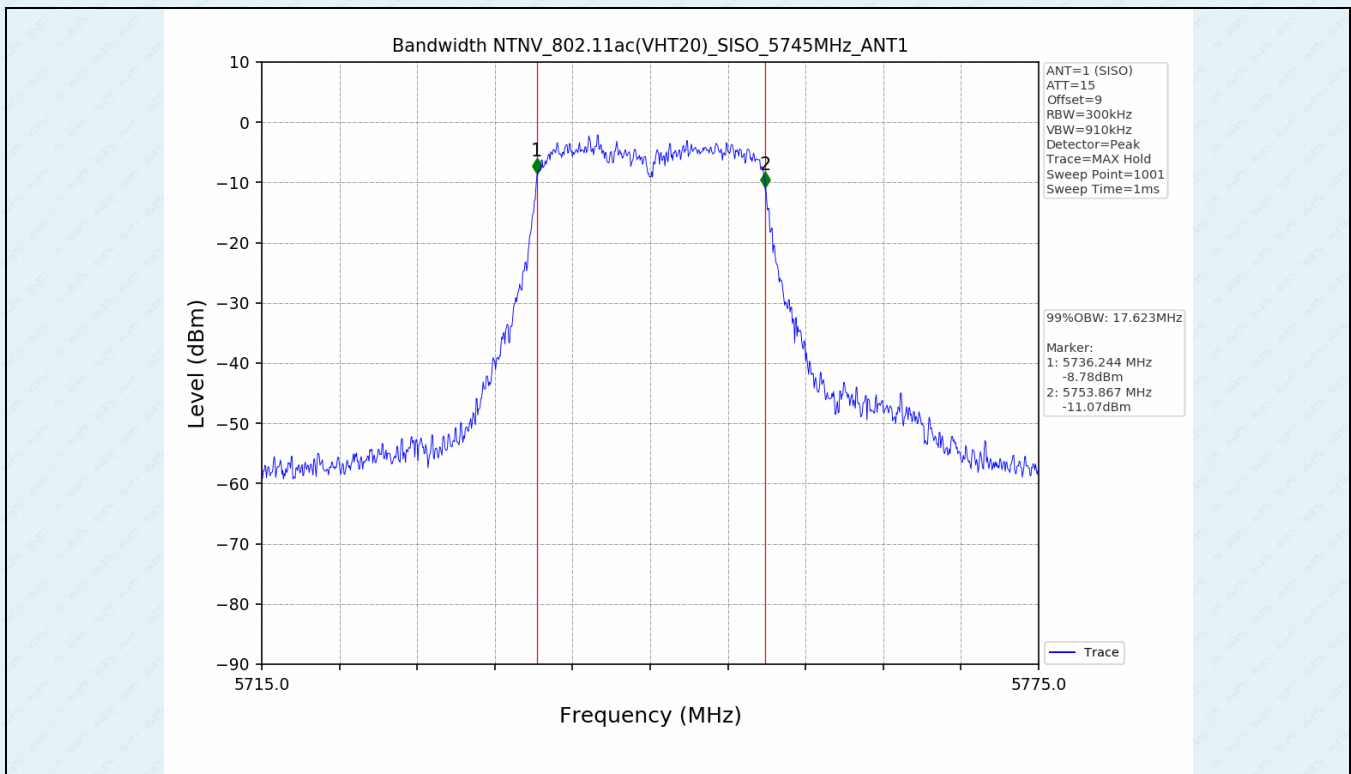
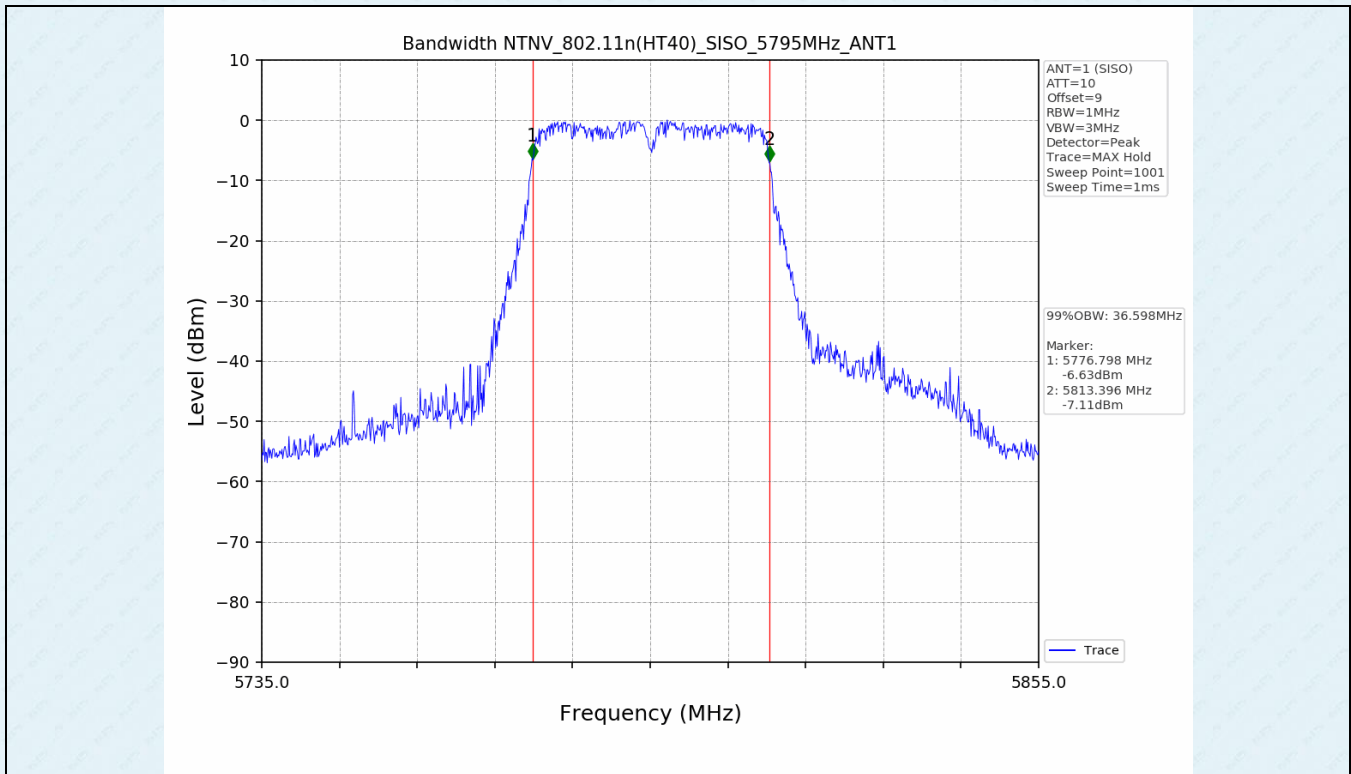
2.3 Test Graph - 99% Occupied Bandwidth

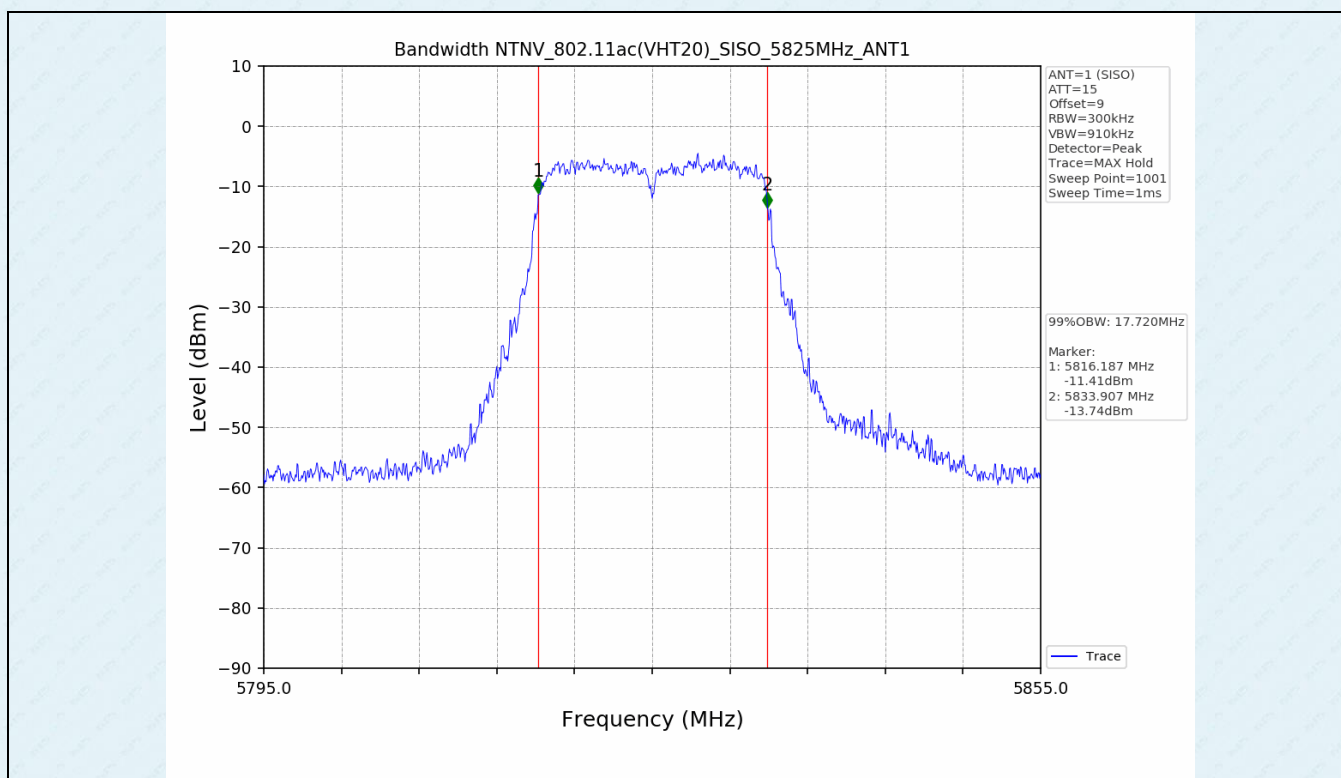
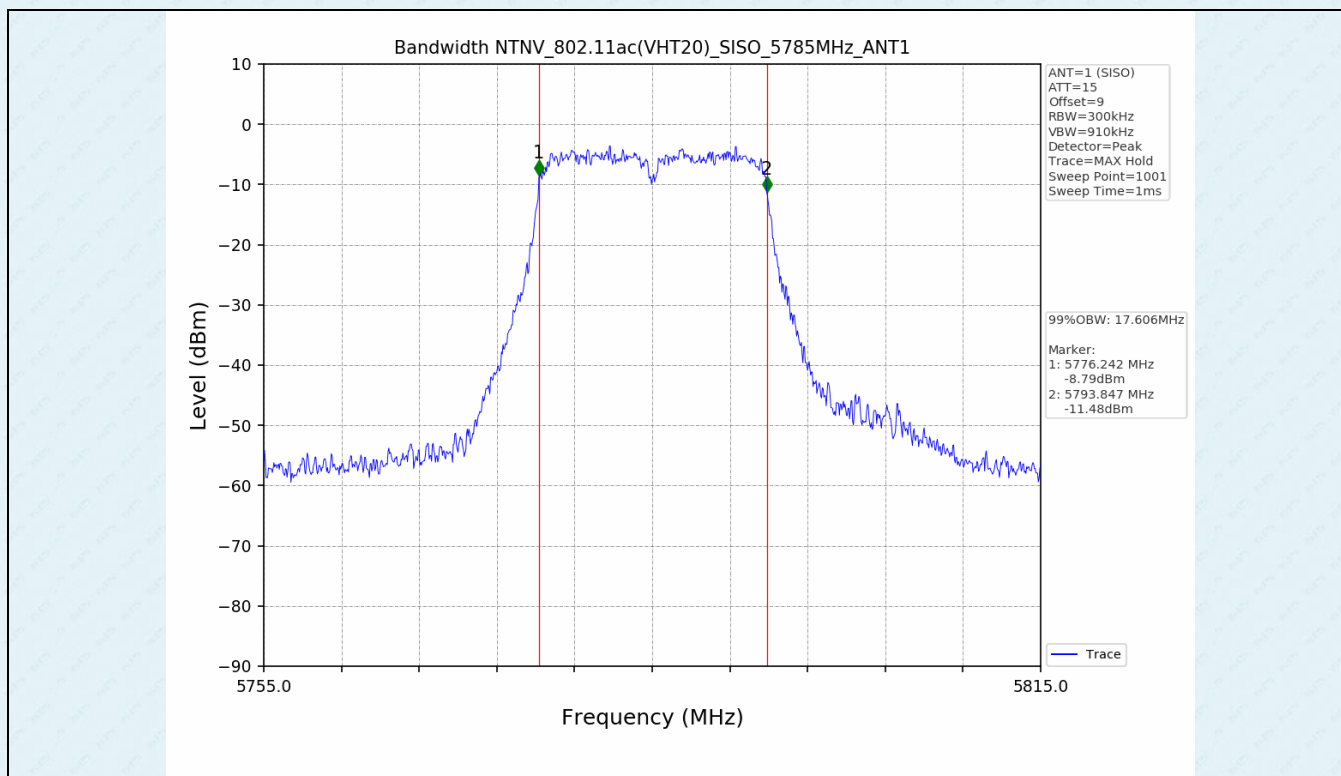


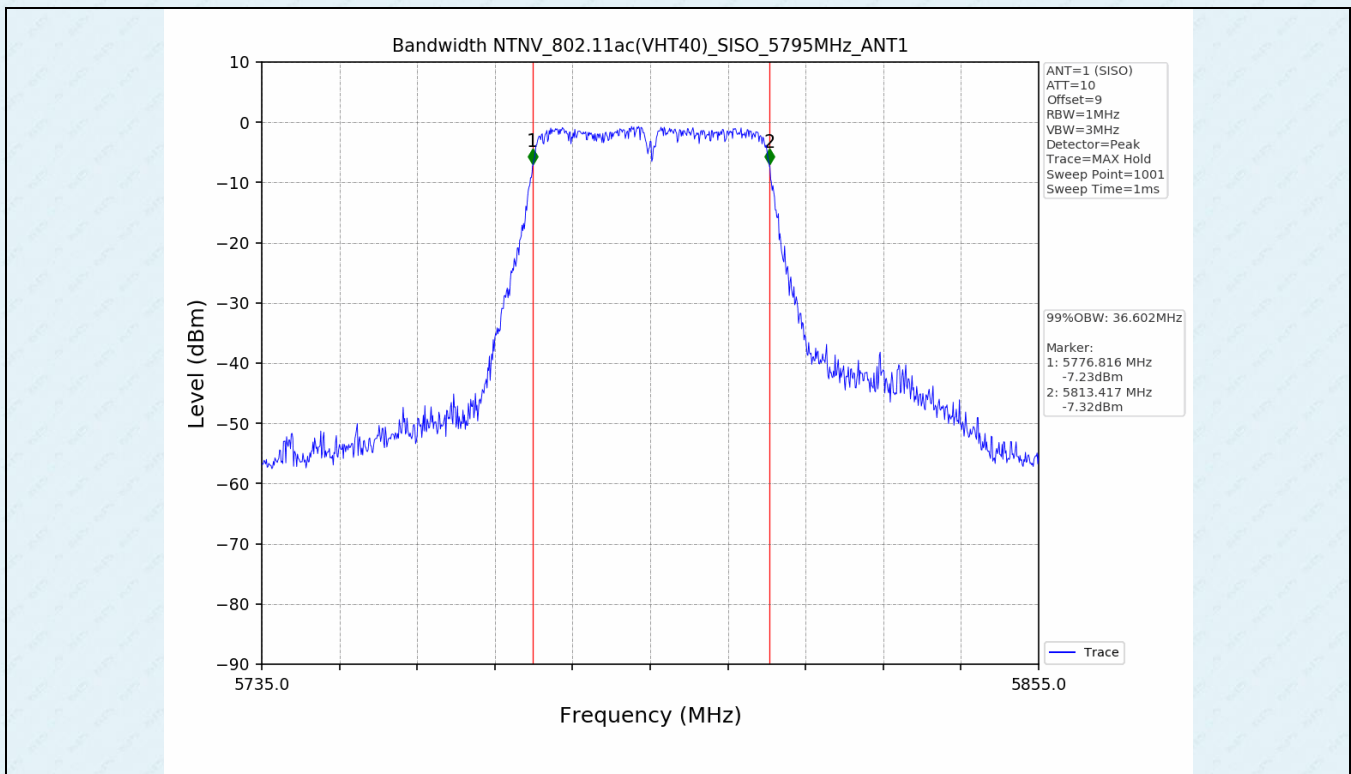
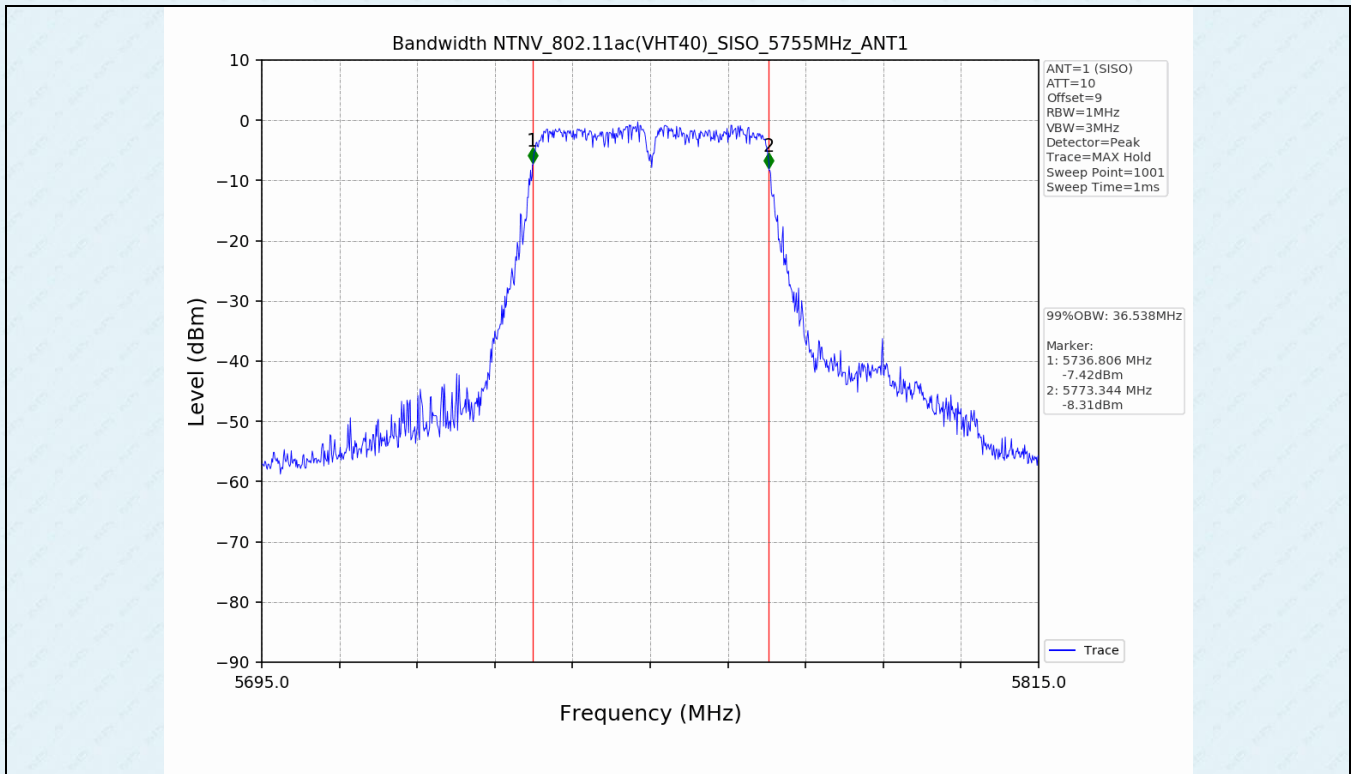


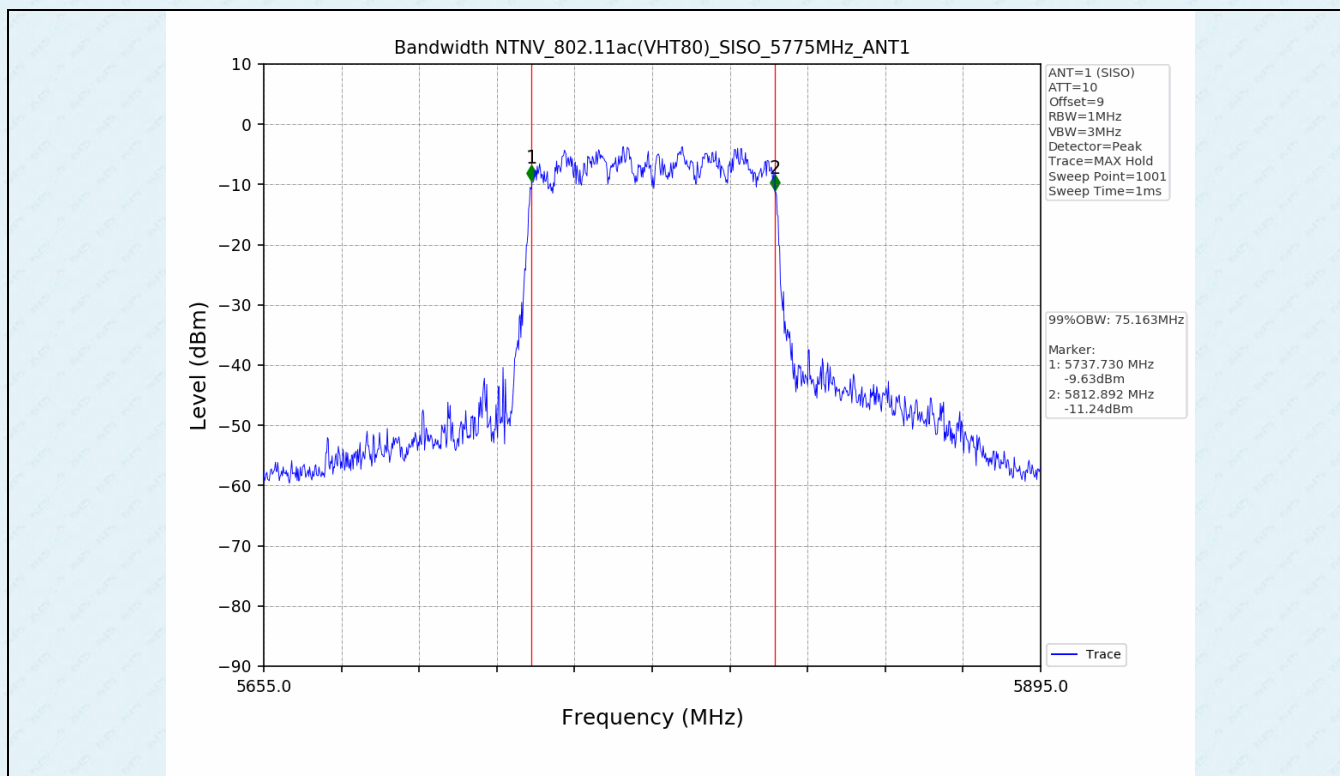










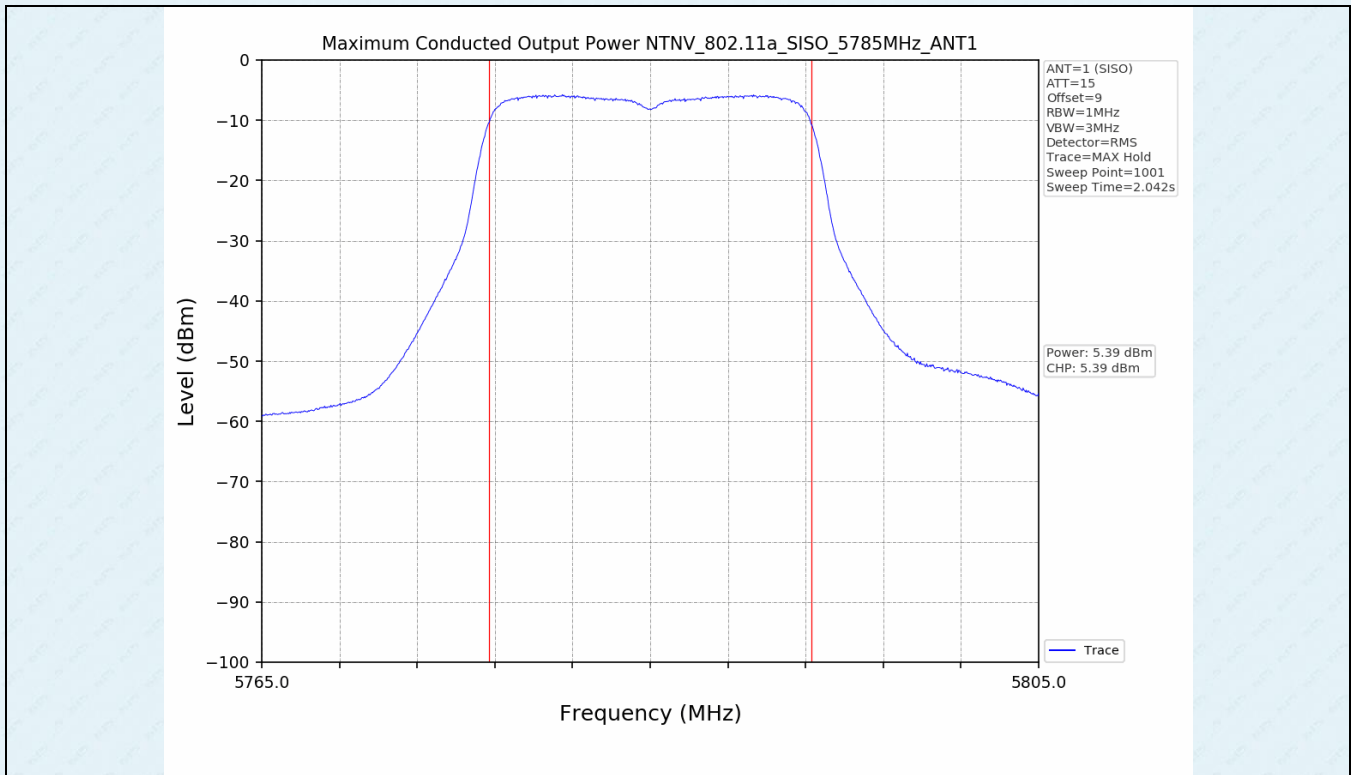
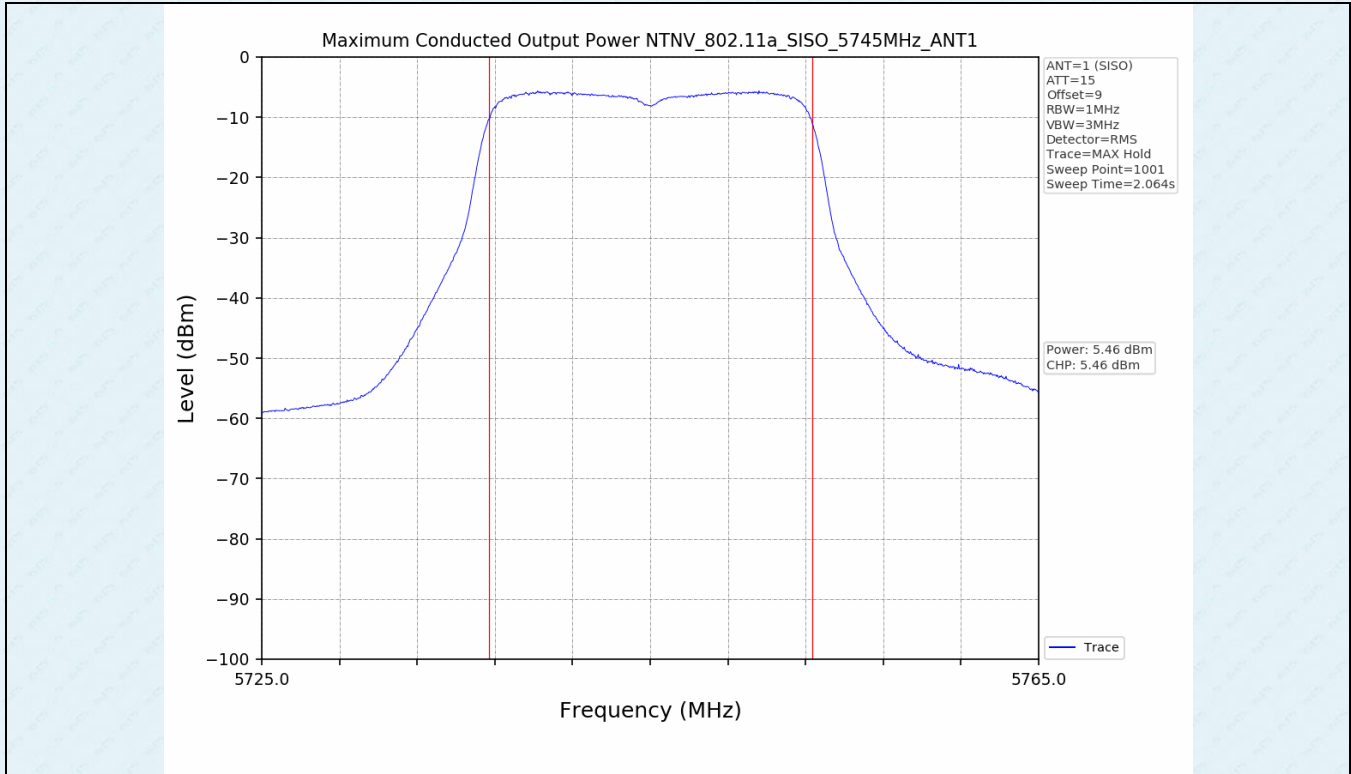


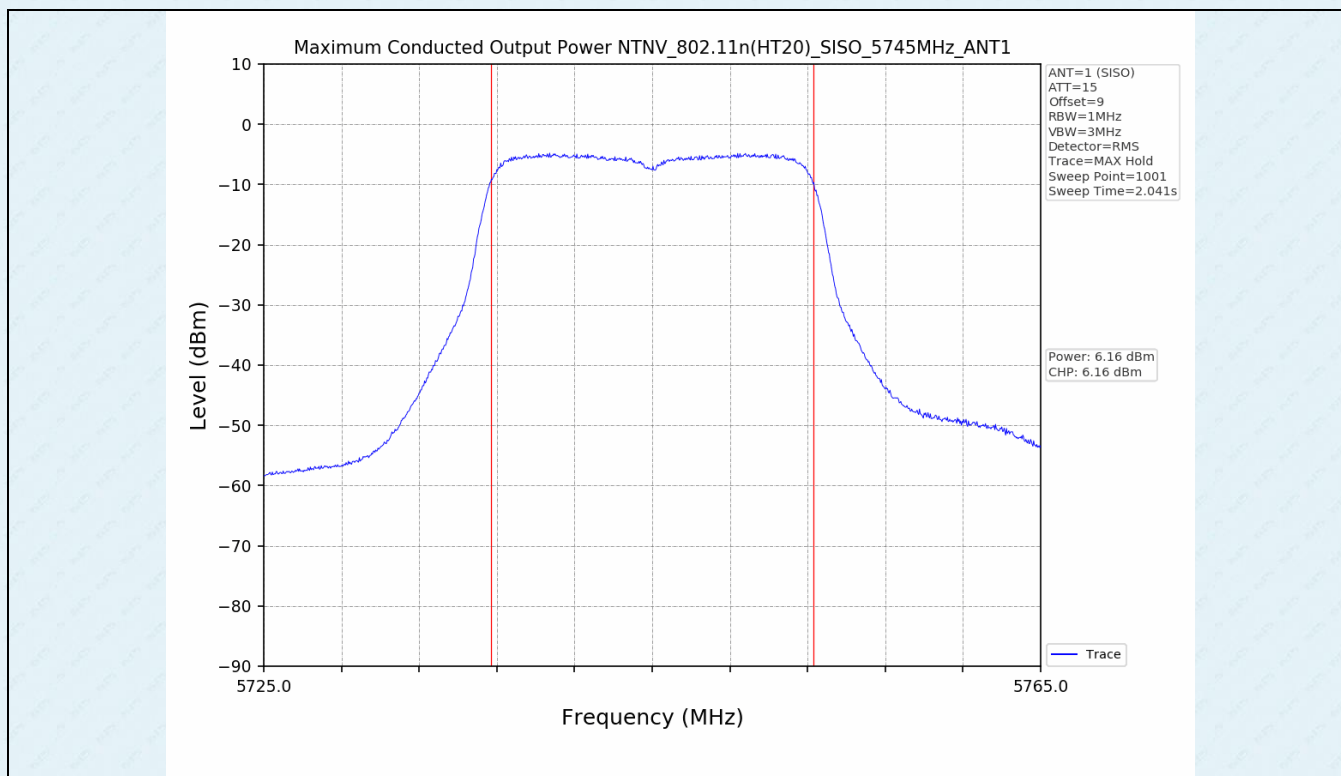
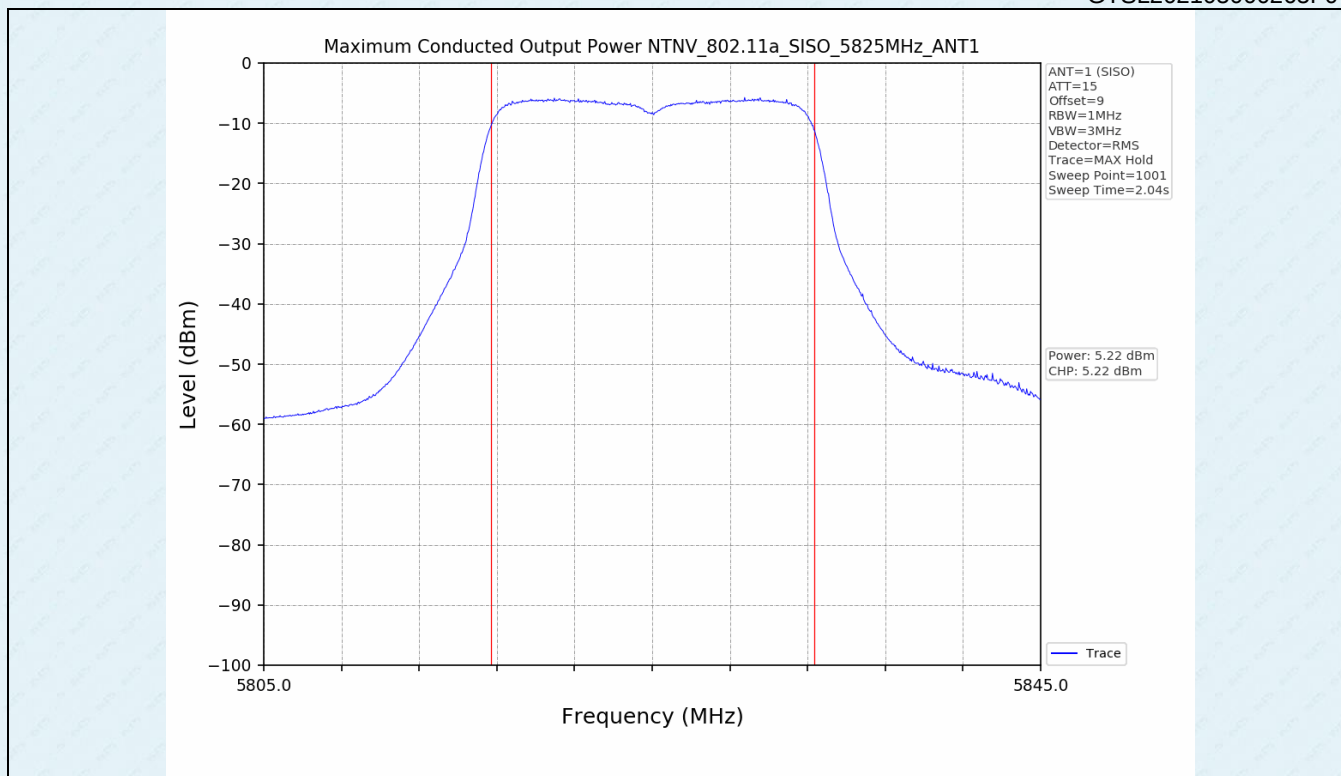
3. Maximum Conducted Output Power

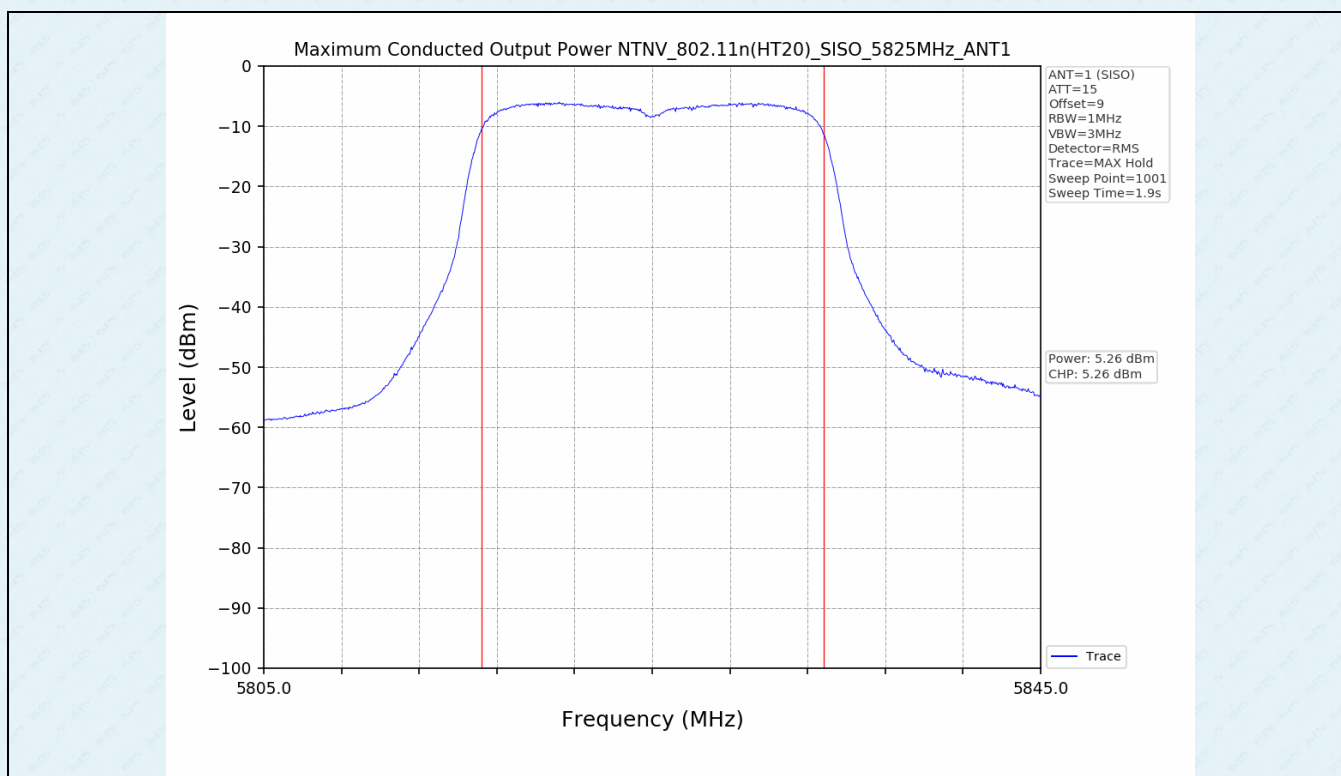
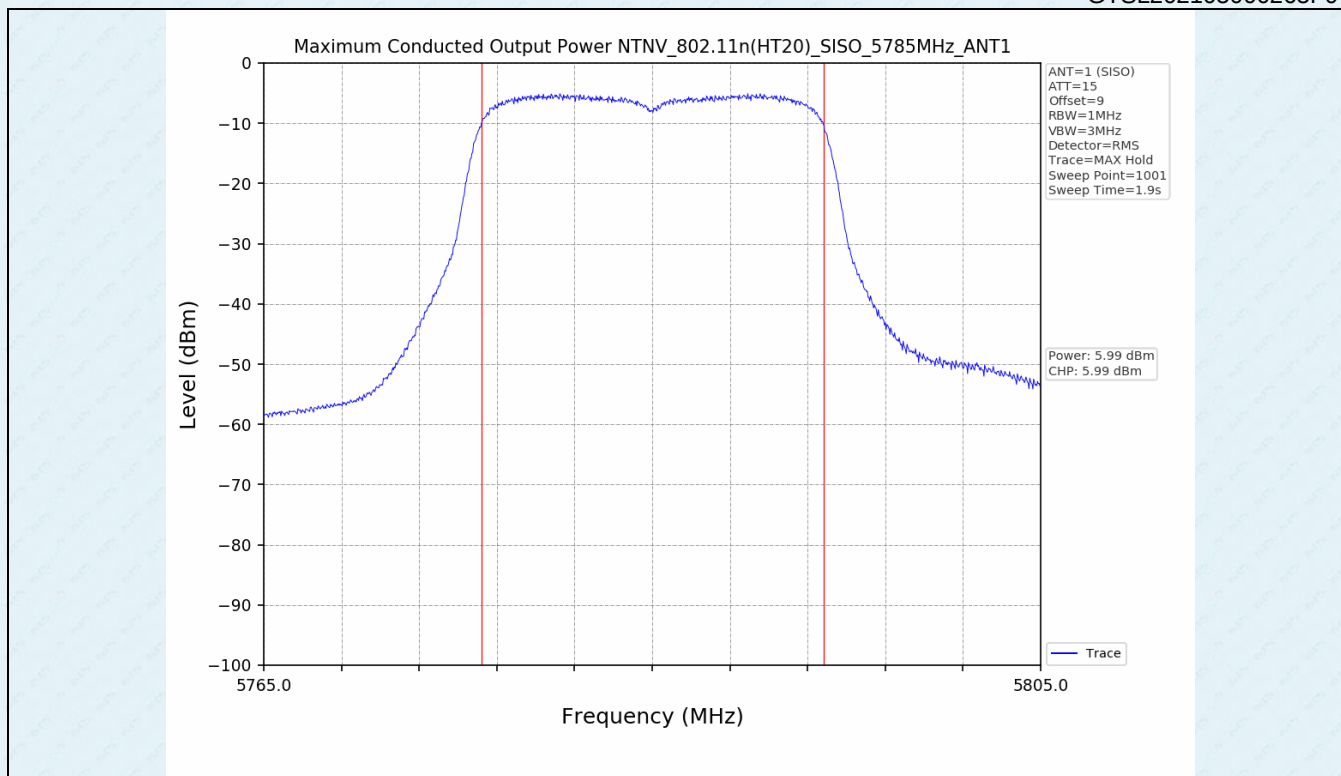
3.1 Test Result

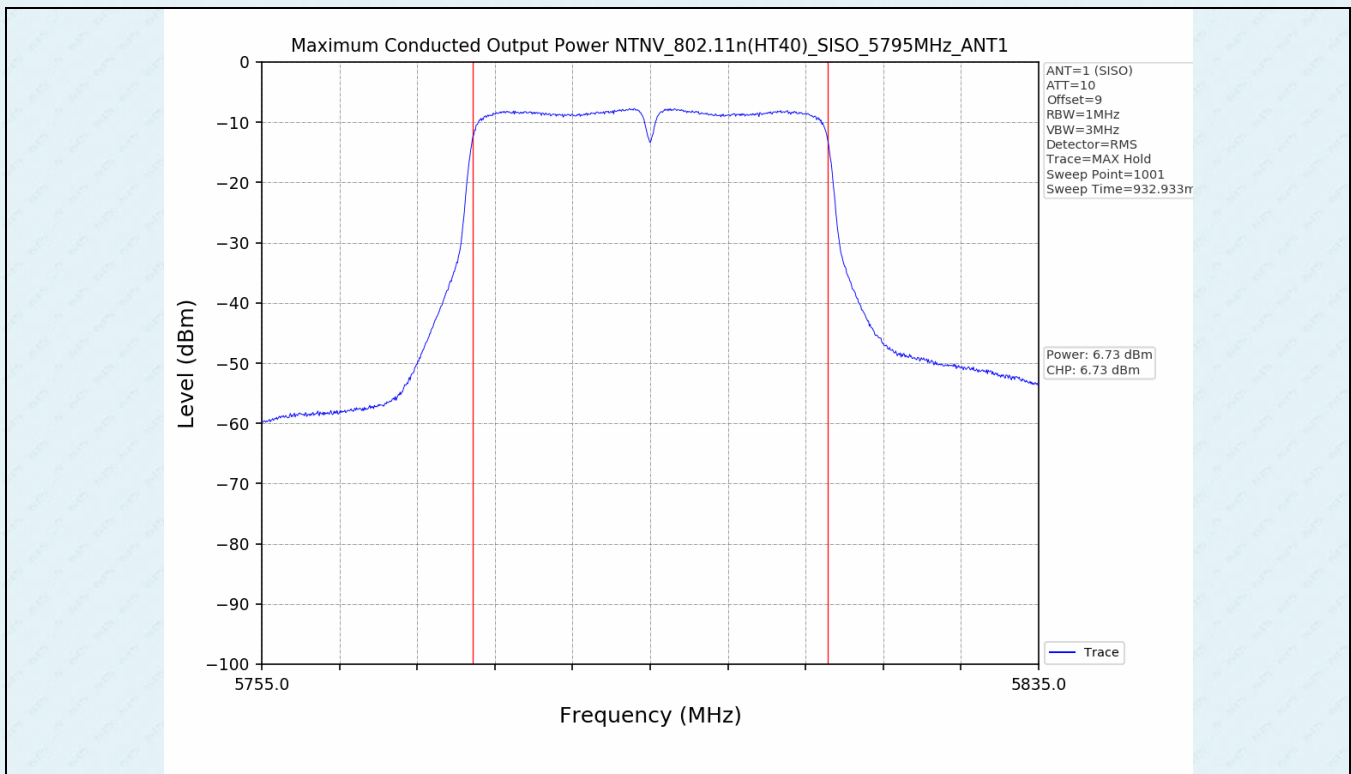
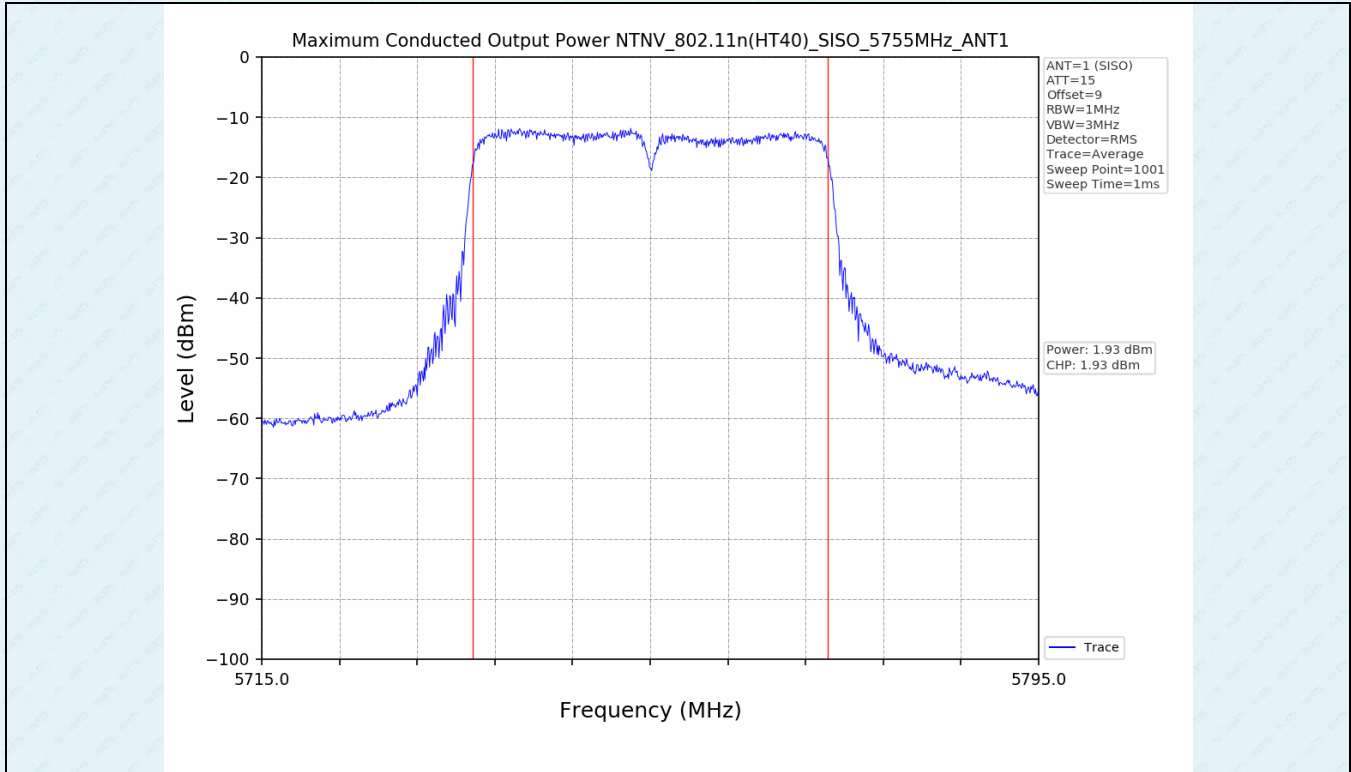
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5745	SISO	5.46	≤30.00	PASS
	5785	SISO	5.39	≤30.00	PASS
	5825	SISO	5.22	≤30.00	PASS
802.11n(HT20)	5745	SISO	6.16	≤30.00	PASS
	5785	SISO	5.99	≤30.00	PASS
	5825	SISO	5.26	≤30.00	PASS
802.11n(HT40)	5755	SISO	1.93	≤30.00	PASS
	5795	SISO	6.73	≤30.00	PASS
802.11ac(VHT20)	5745	SISO	5.54	≤30.00	PASS
	5785	SISO	6.30	≤30.00	PASS
	5825	SISO	4.37	≤30.00	PASS
802.11ac(VHT40)	5755	SISO	5.89	≤30.00	PASS
	5795	SISO	5.89	≤30.00	PASS
802.11ac(VHT80)	5775	SISO	-2.89	≤30.00	PASS

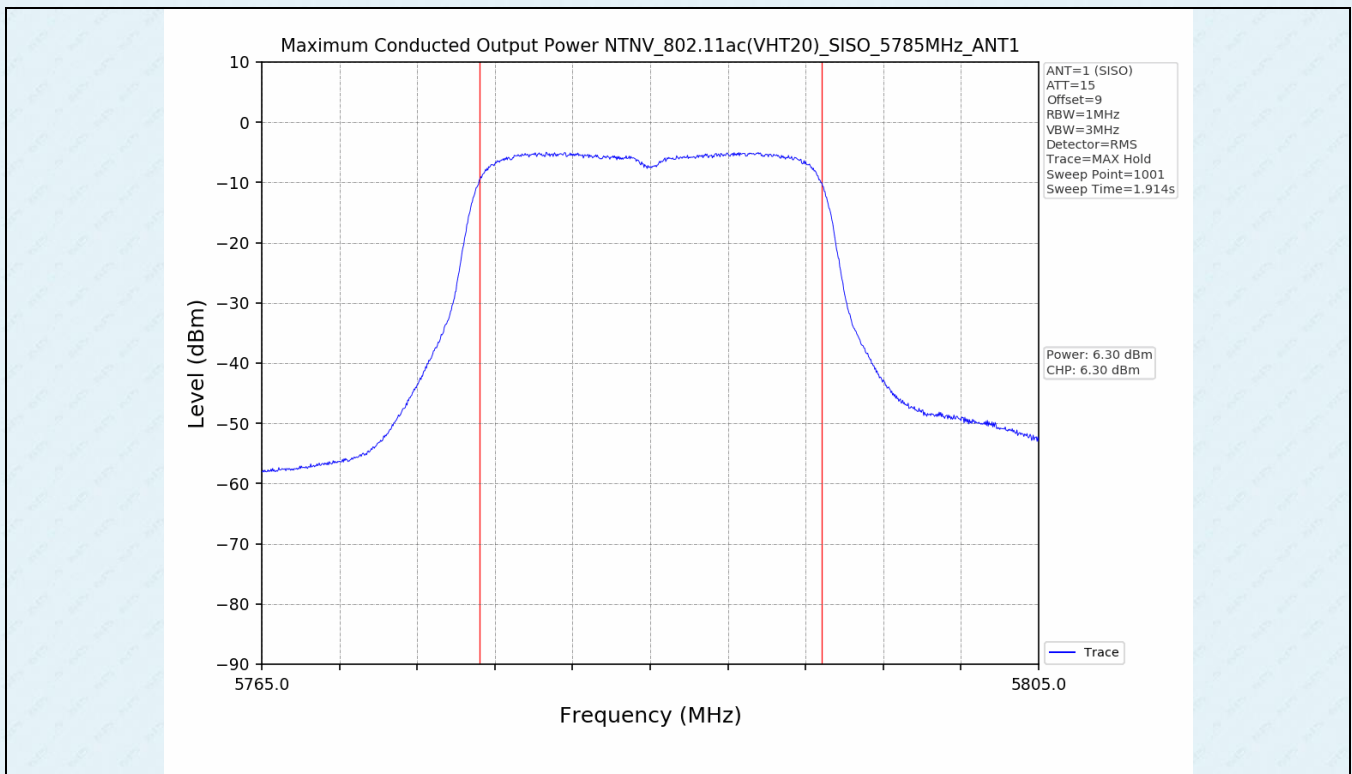
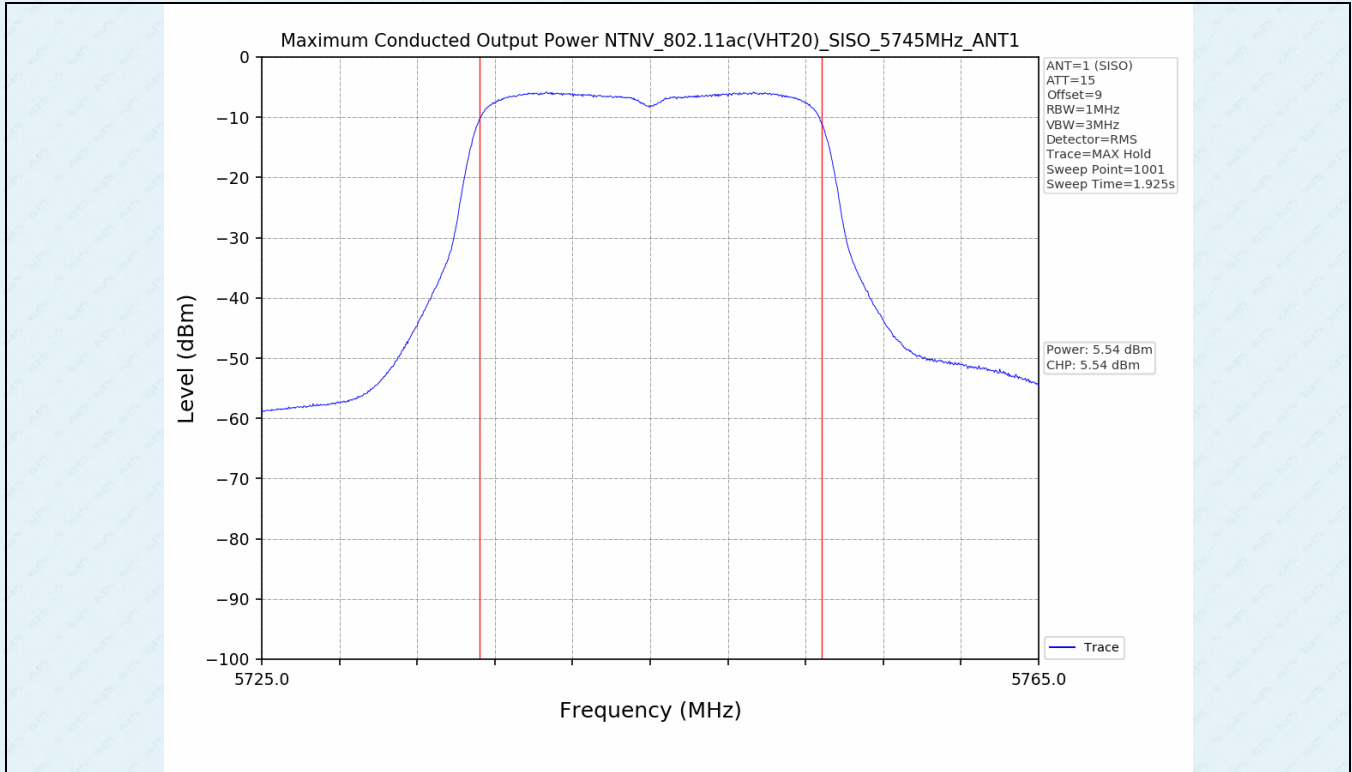
3.2 Test Graph

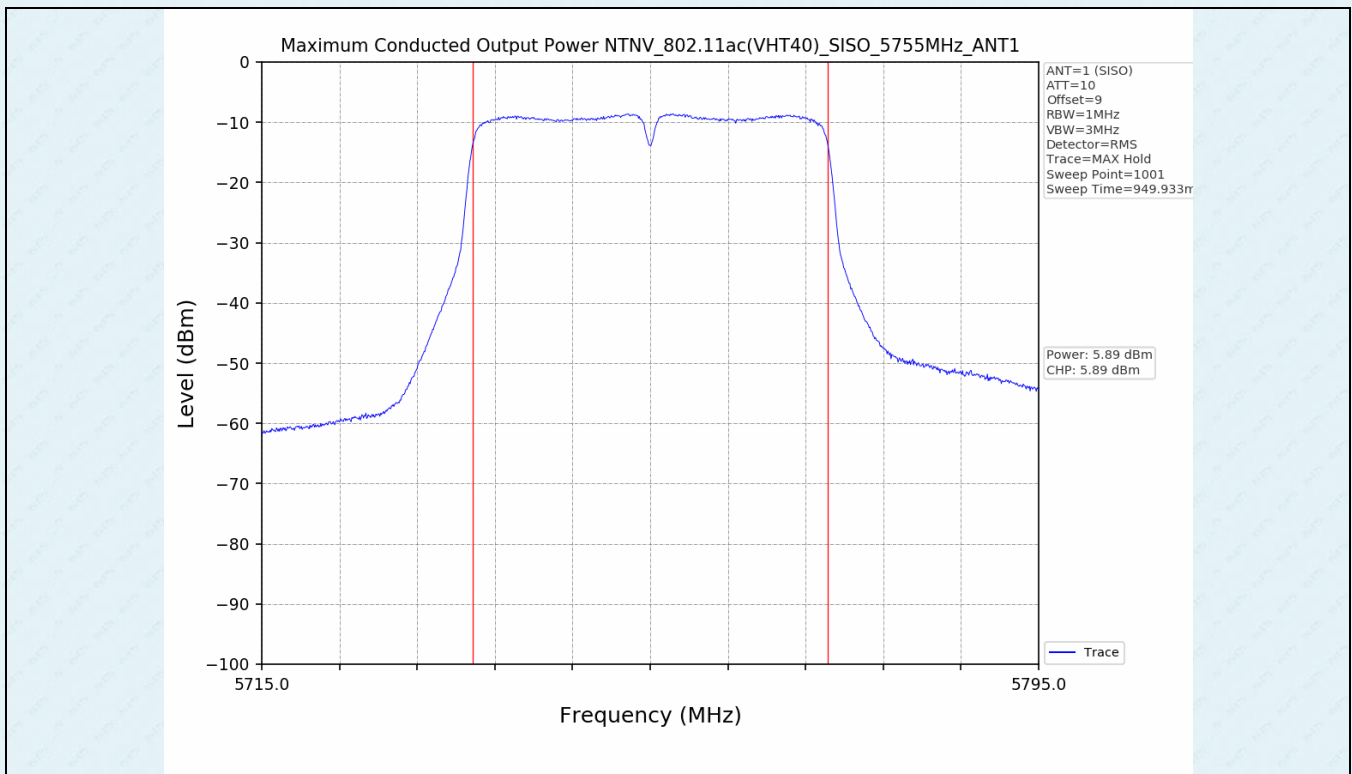
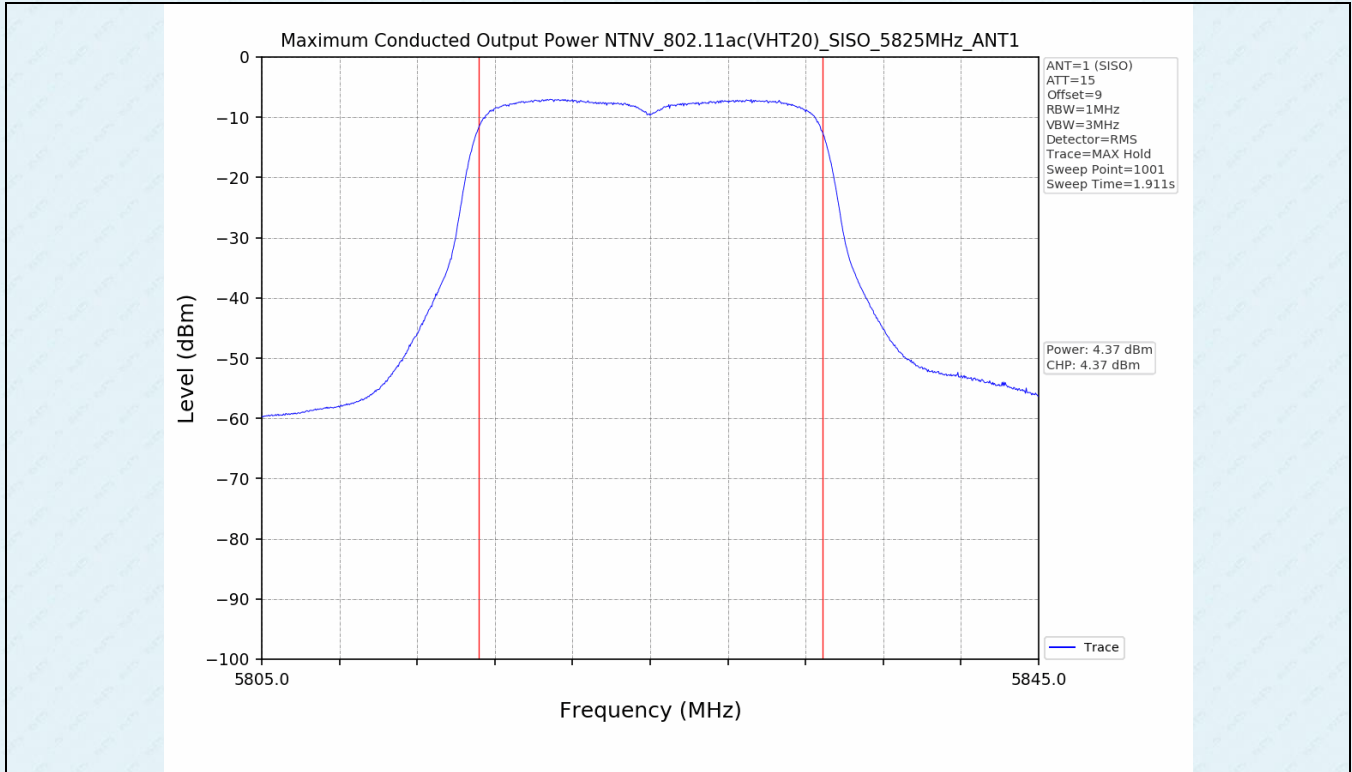


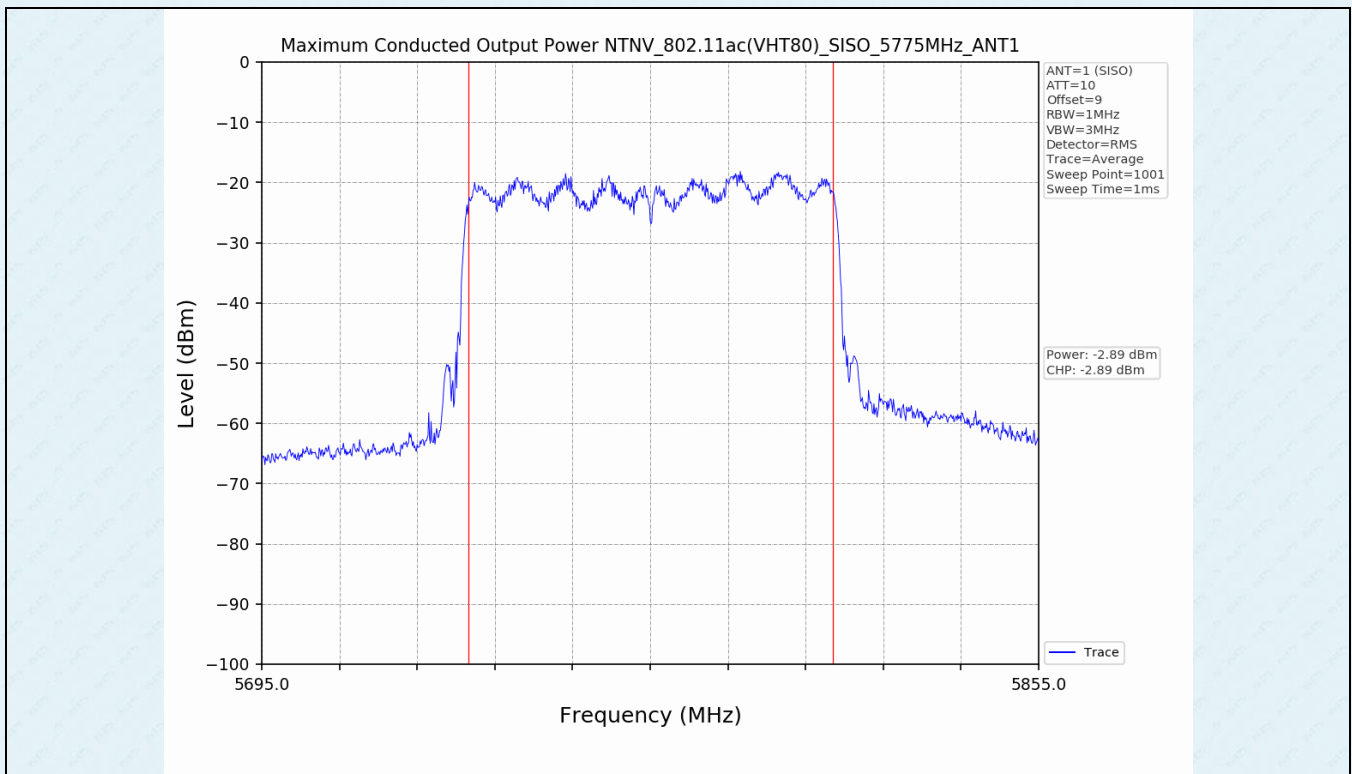
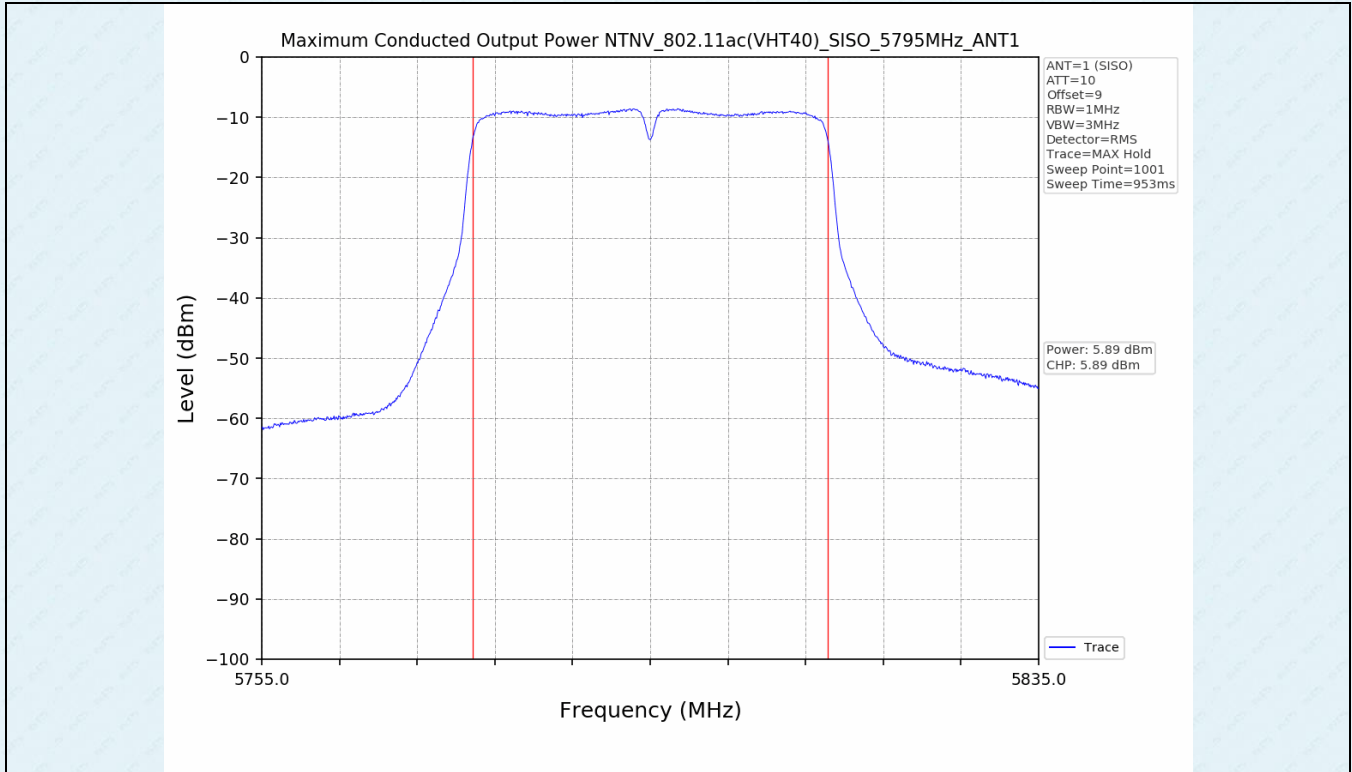










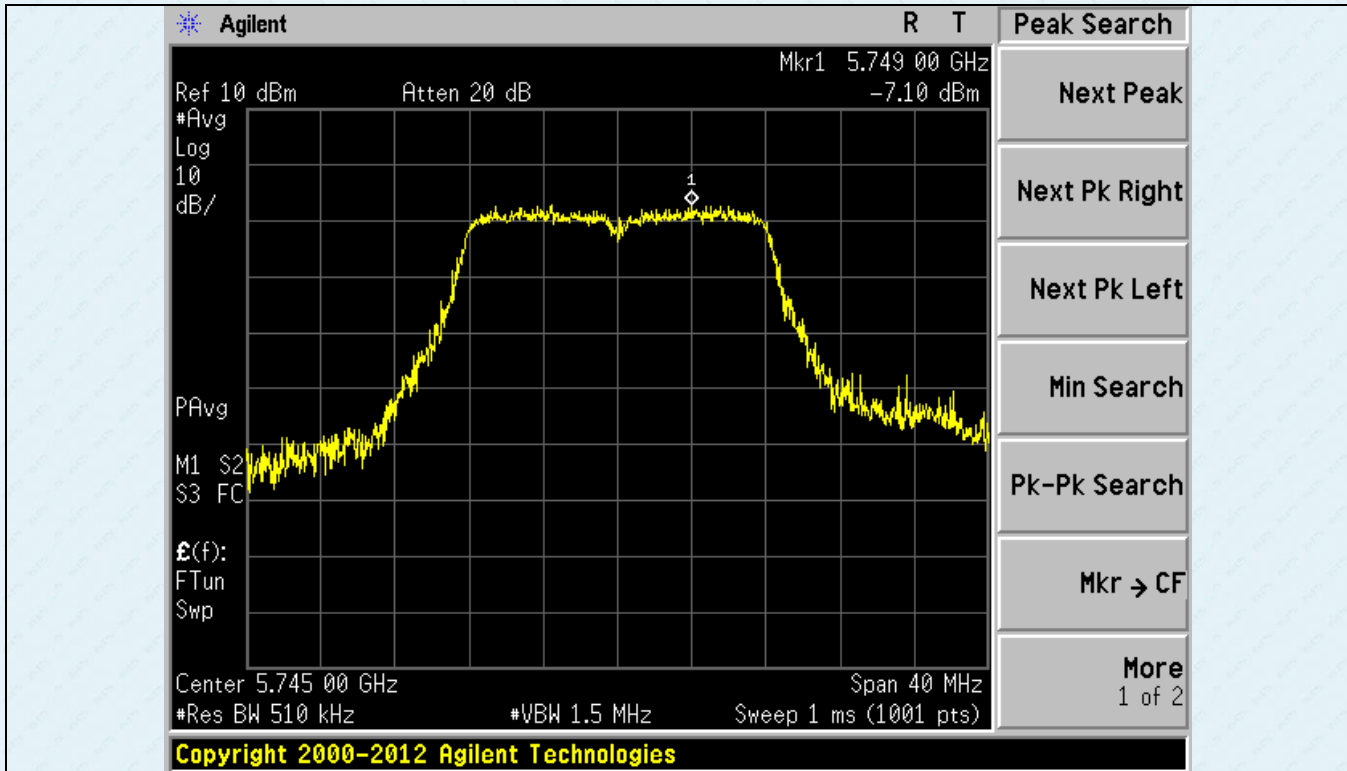


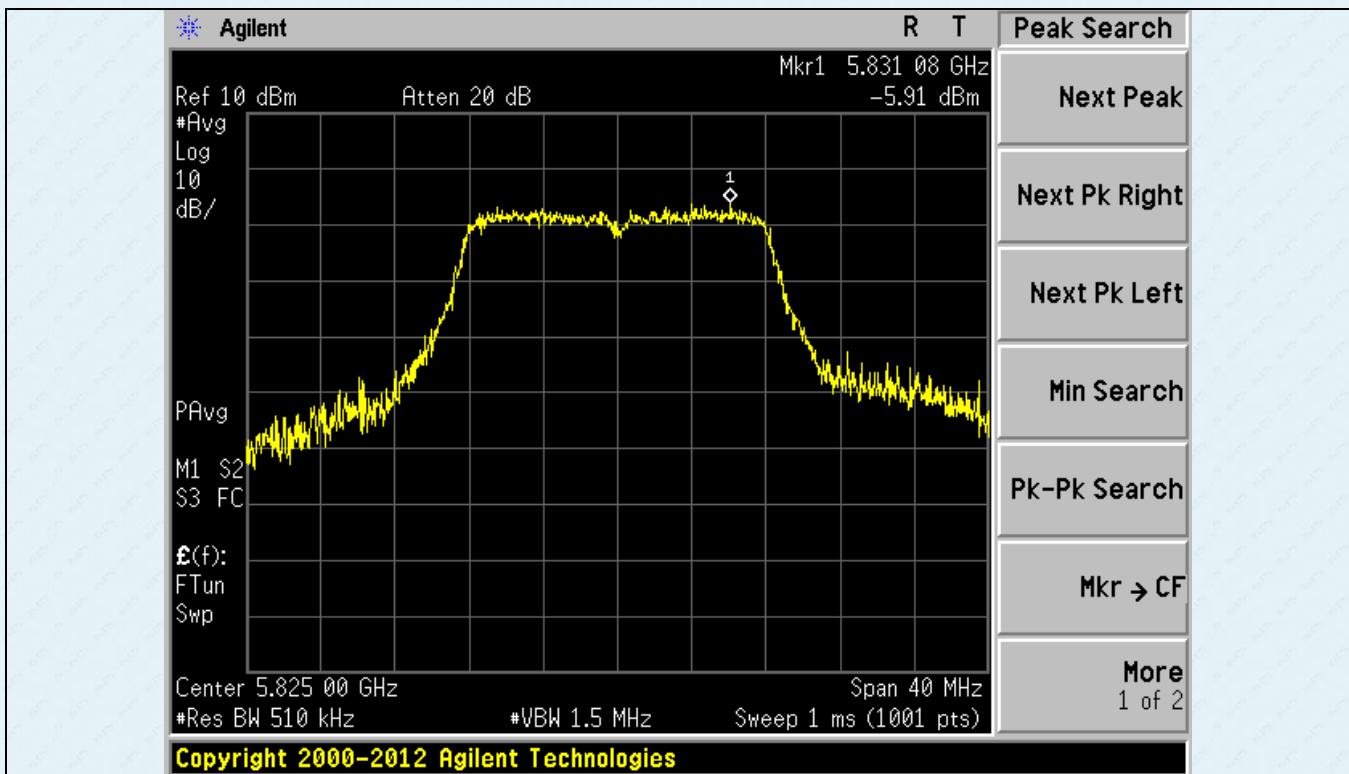
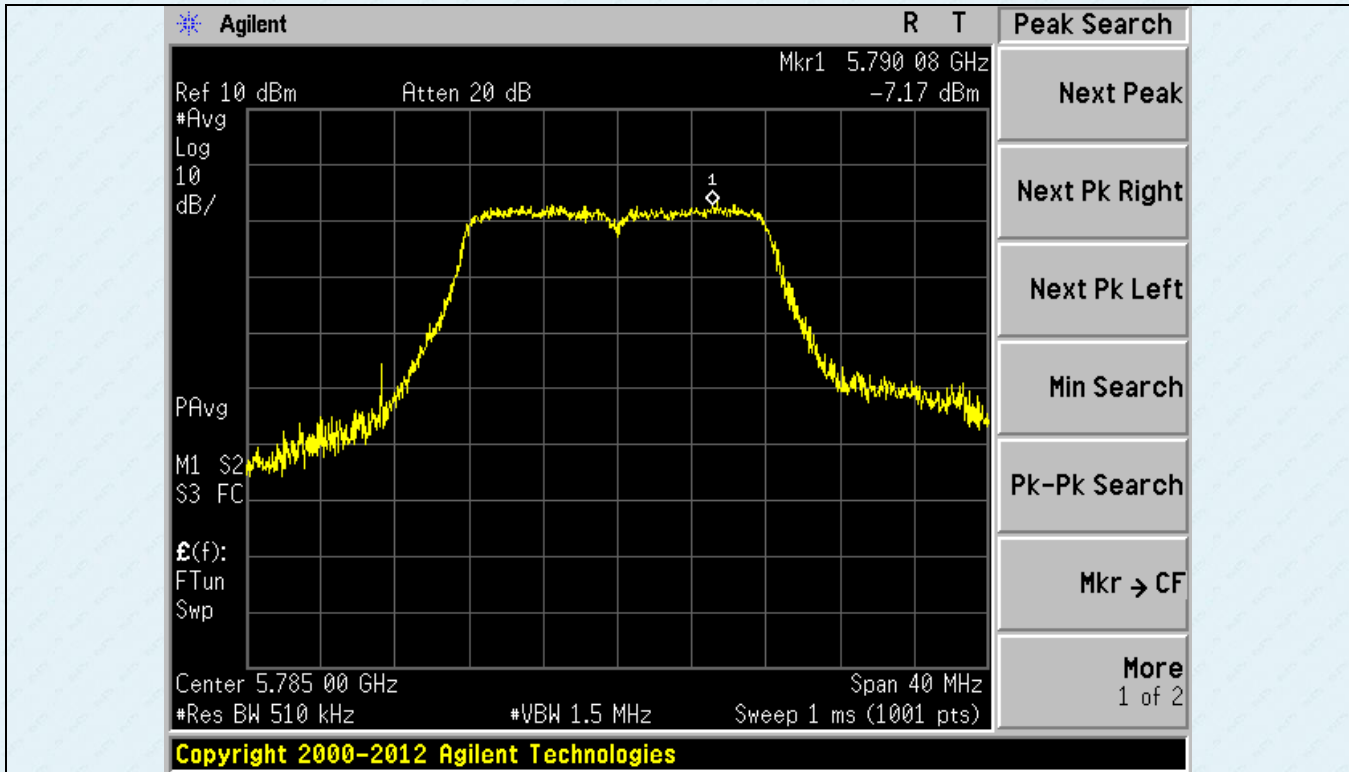
4. Maximum Power Spectral Density (PSD)

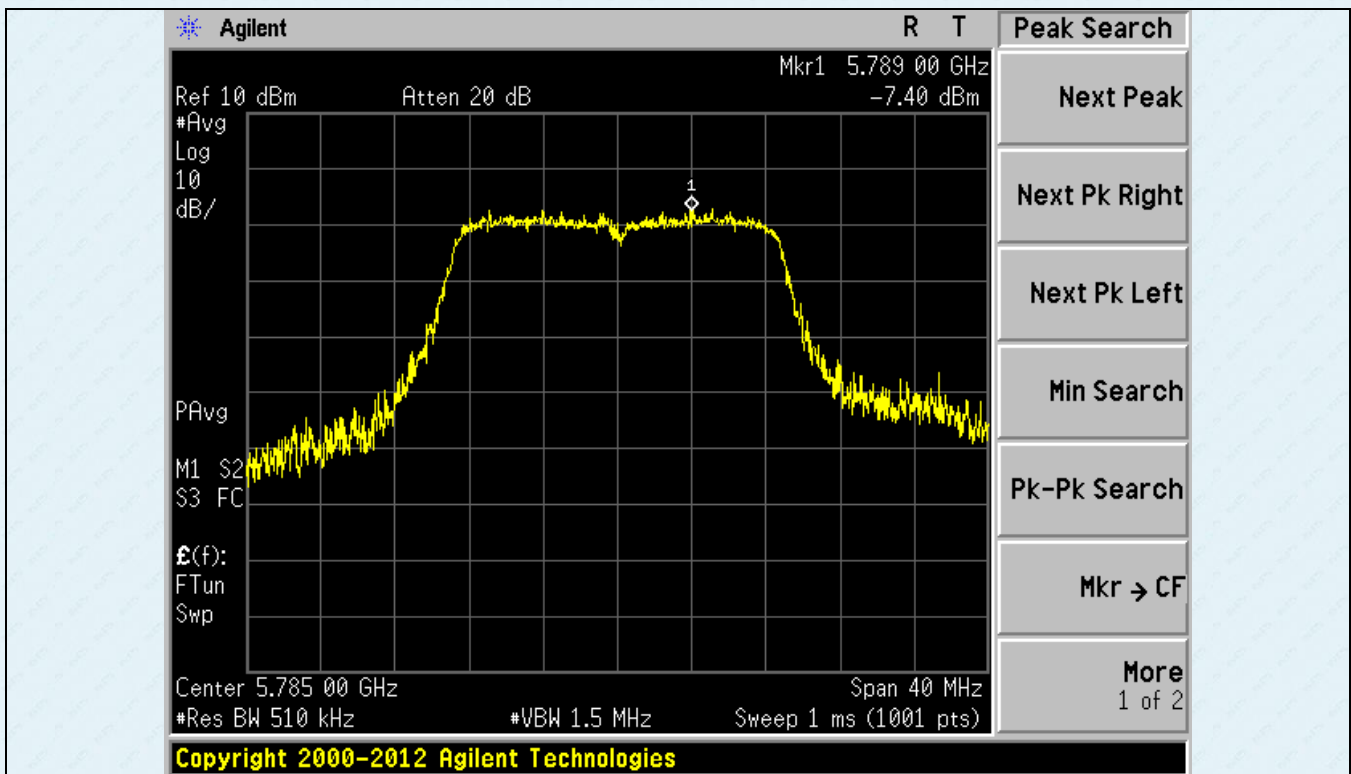
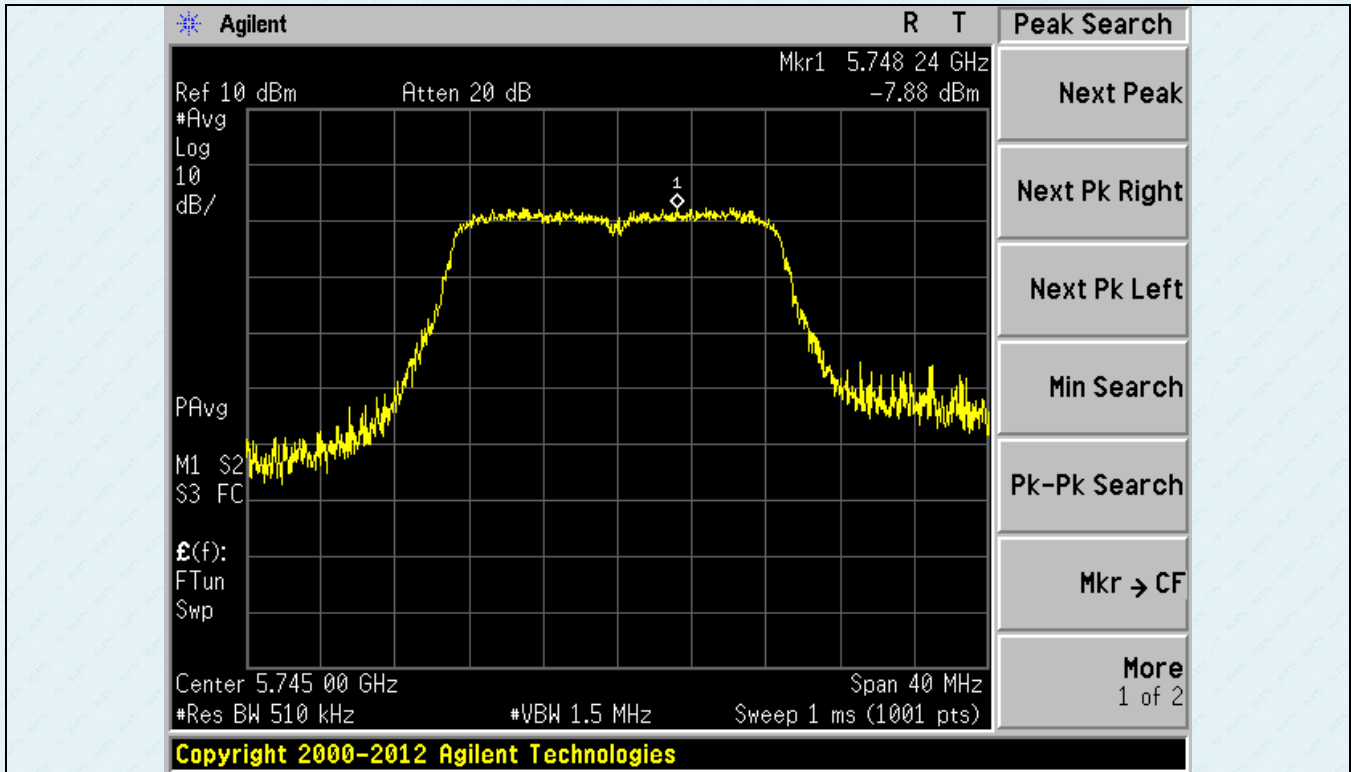
4.1 Test Result

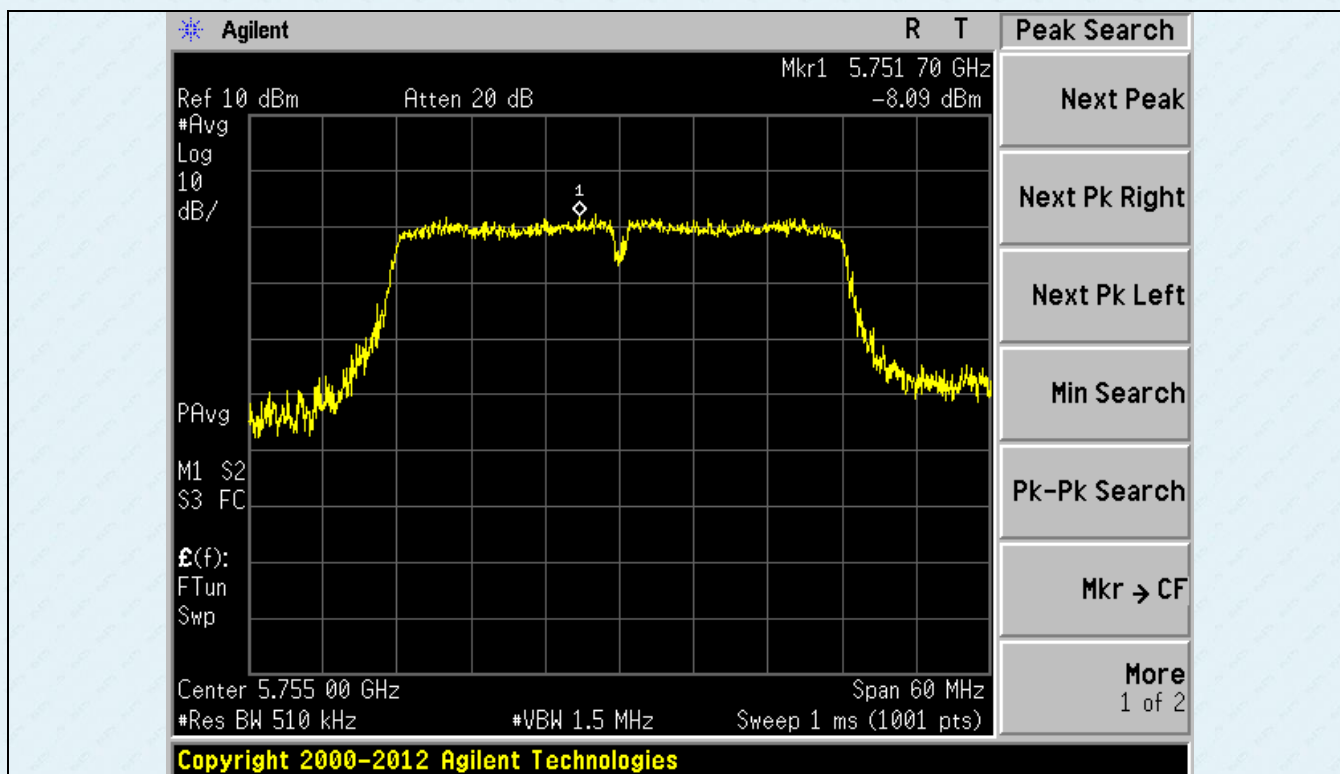
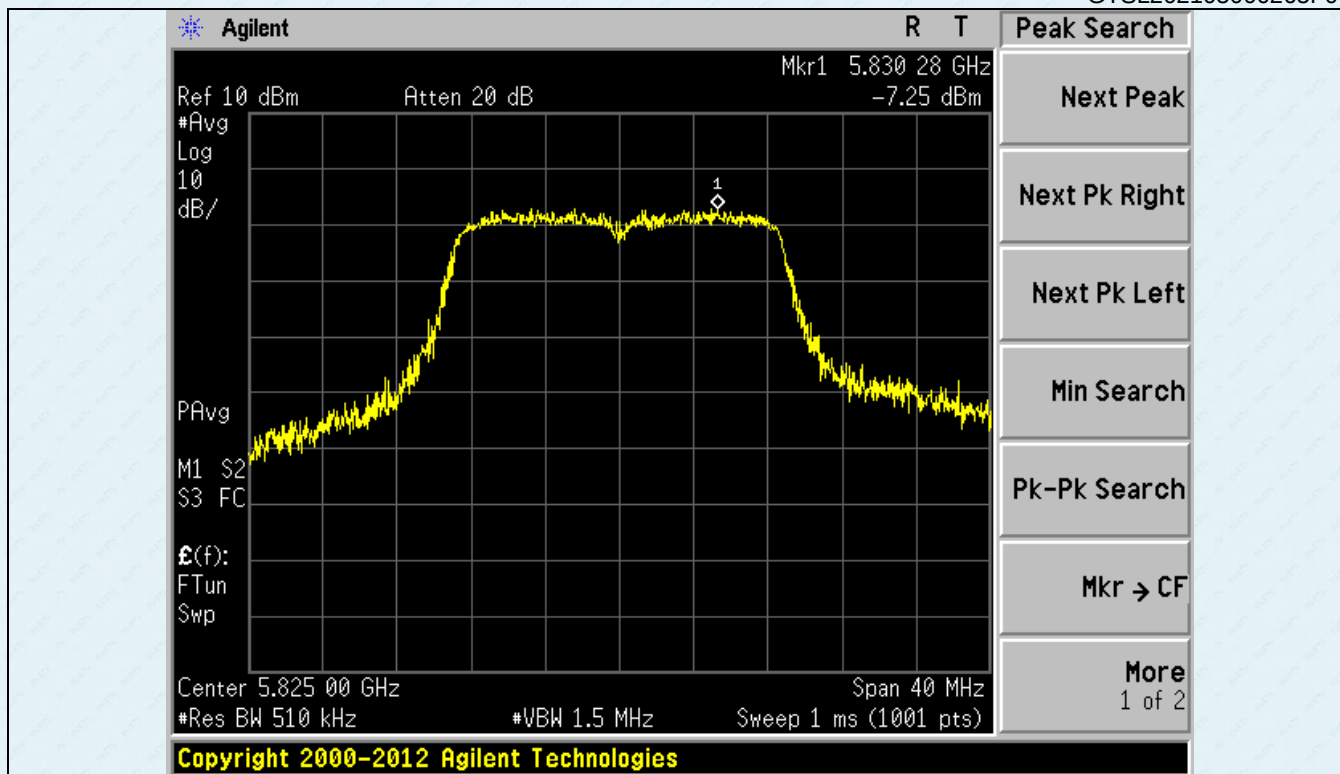
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	-7.10	≤30	PASS
	5785	SISO	-7.17	≤30	PASS
	5825	SISO	-5.91	≤30	PASS
802.11n(HT20)	5745	SISO	-7.88	≤30	PASS
	5785	SISO	-7.40	≤30	PASS
	5825	SISO	-7.25	≤30	PASS
802.11n(HT40)	5755	SISO	-8.09	≤30	PASS
	5795	SISO	-7.23	≤30	PASS
802.11ac(VHT20)	5745	SISO	-4.44	≤30	PASS
	5785	SISO	-4.62	≤30	PASS
	5825	SISO	-4.81	≤30	PASS
802.11ac(VHT40)	5755	SISO	-7.83	≤30	PASS
	5795	SISO	-8.43	≤30	PASS
802.11ac(VHT80)	5775	SISO	-10.81	≤30	PASS

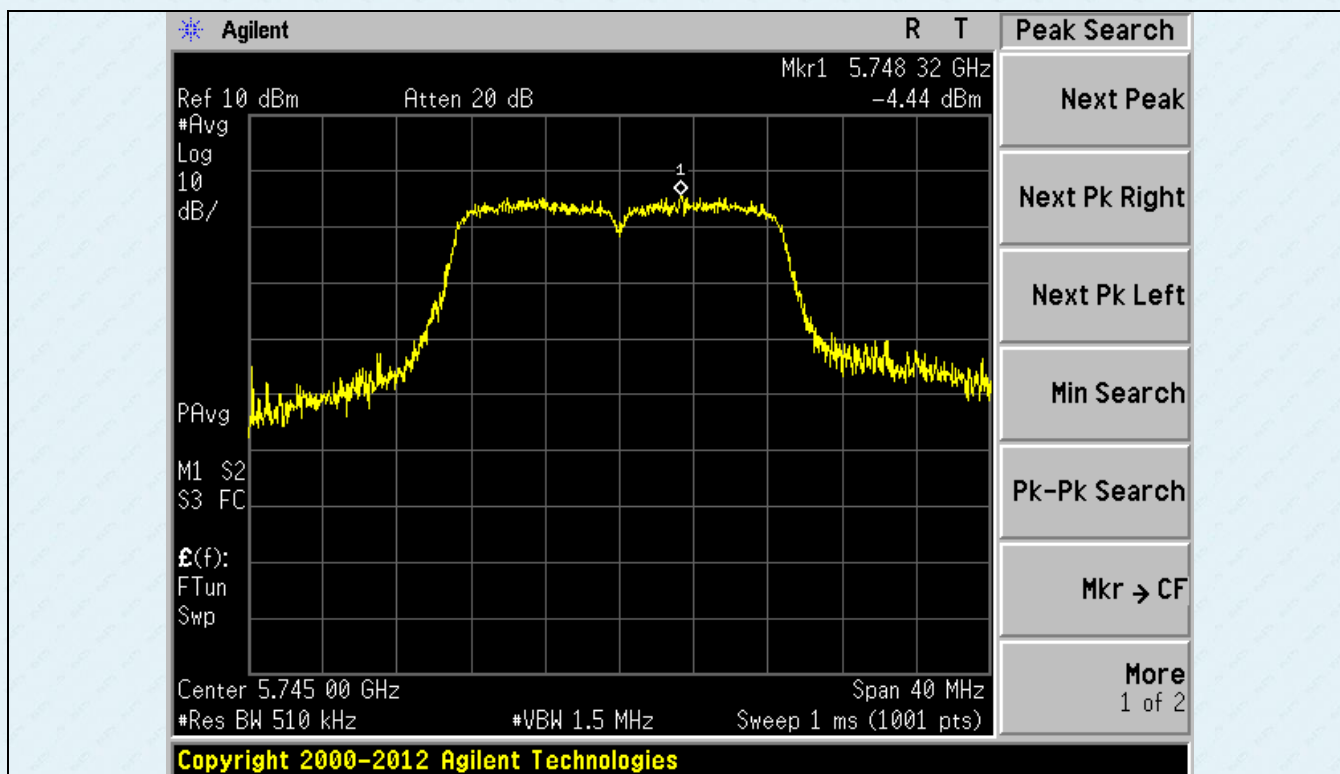
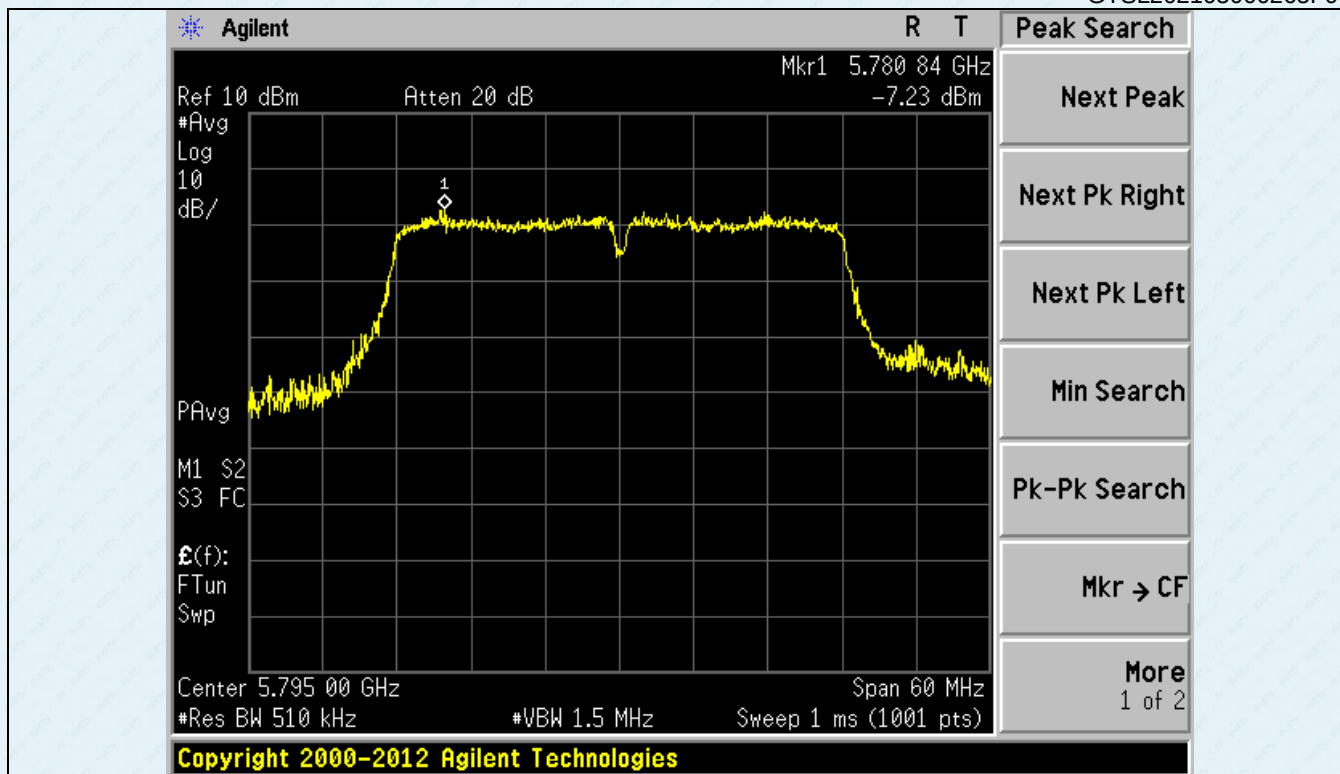
4.2 Test Graph

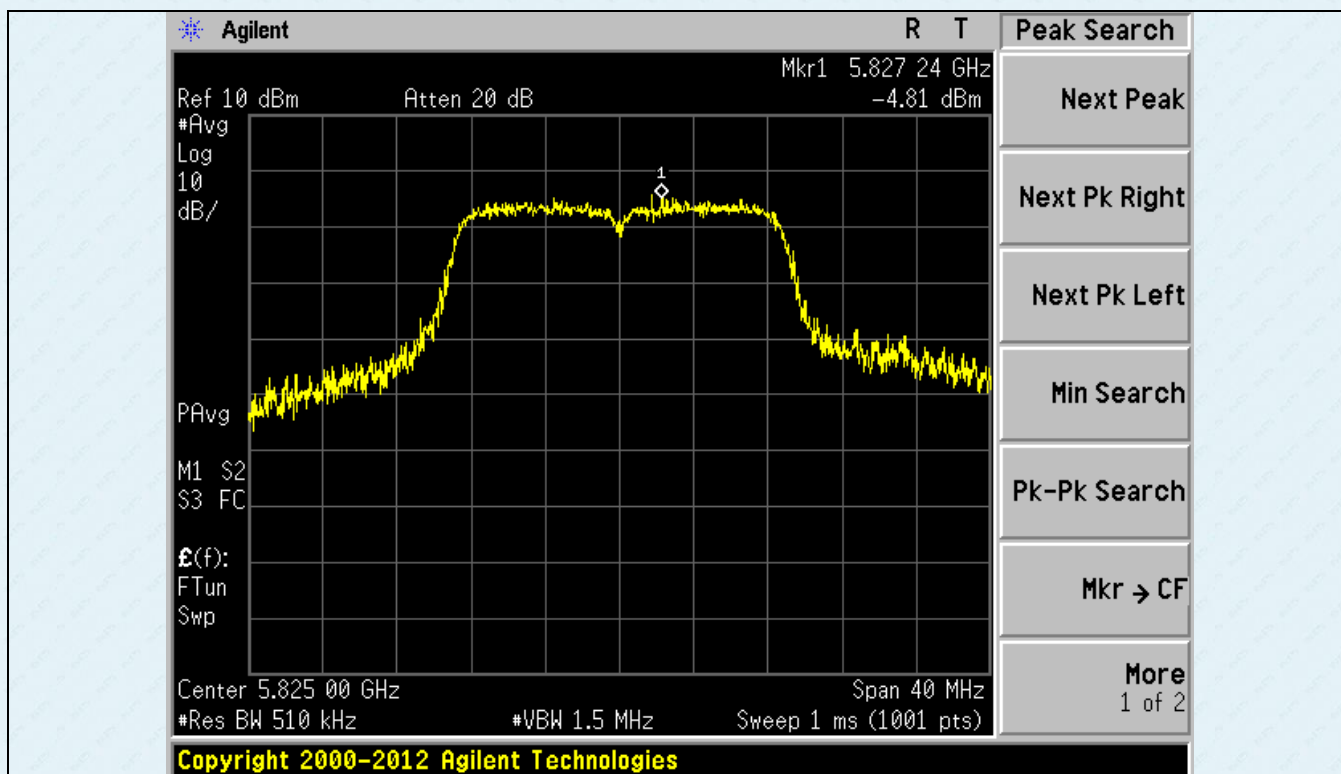
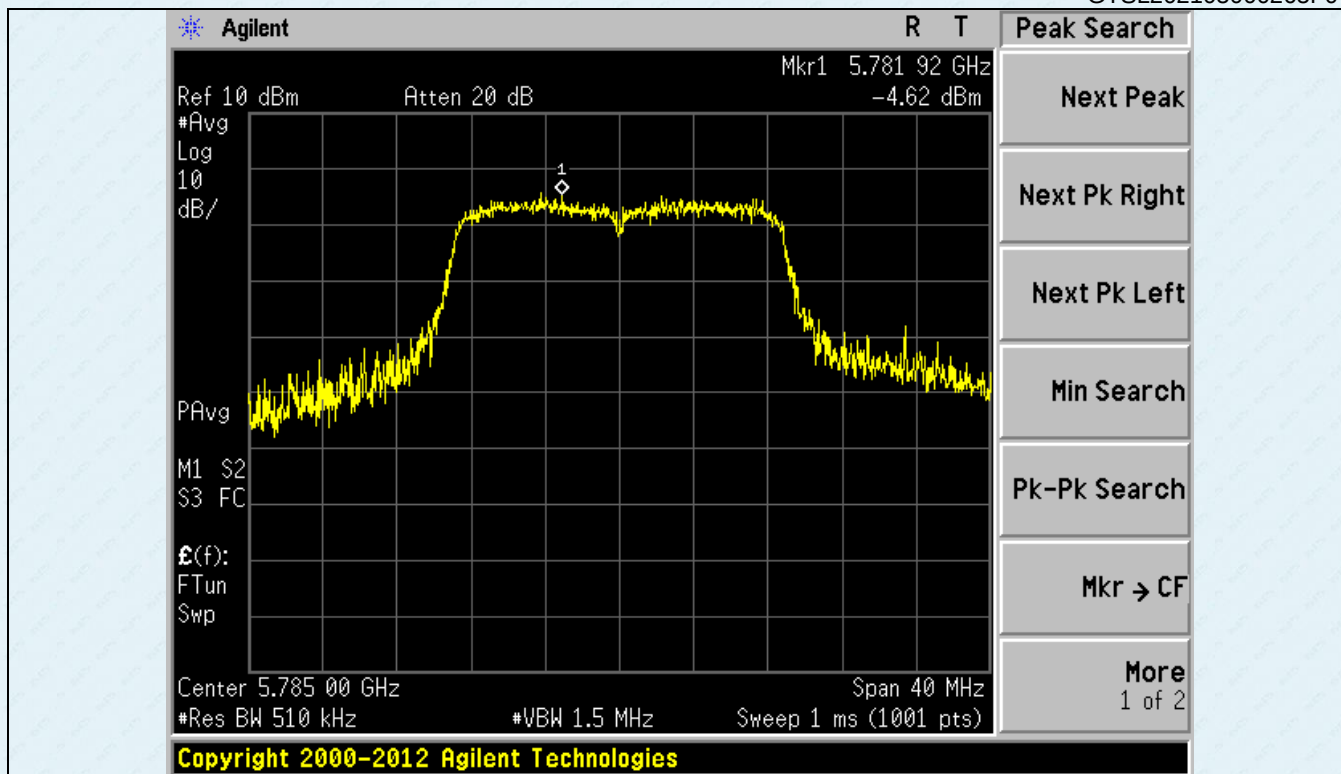


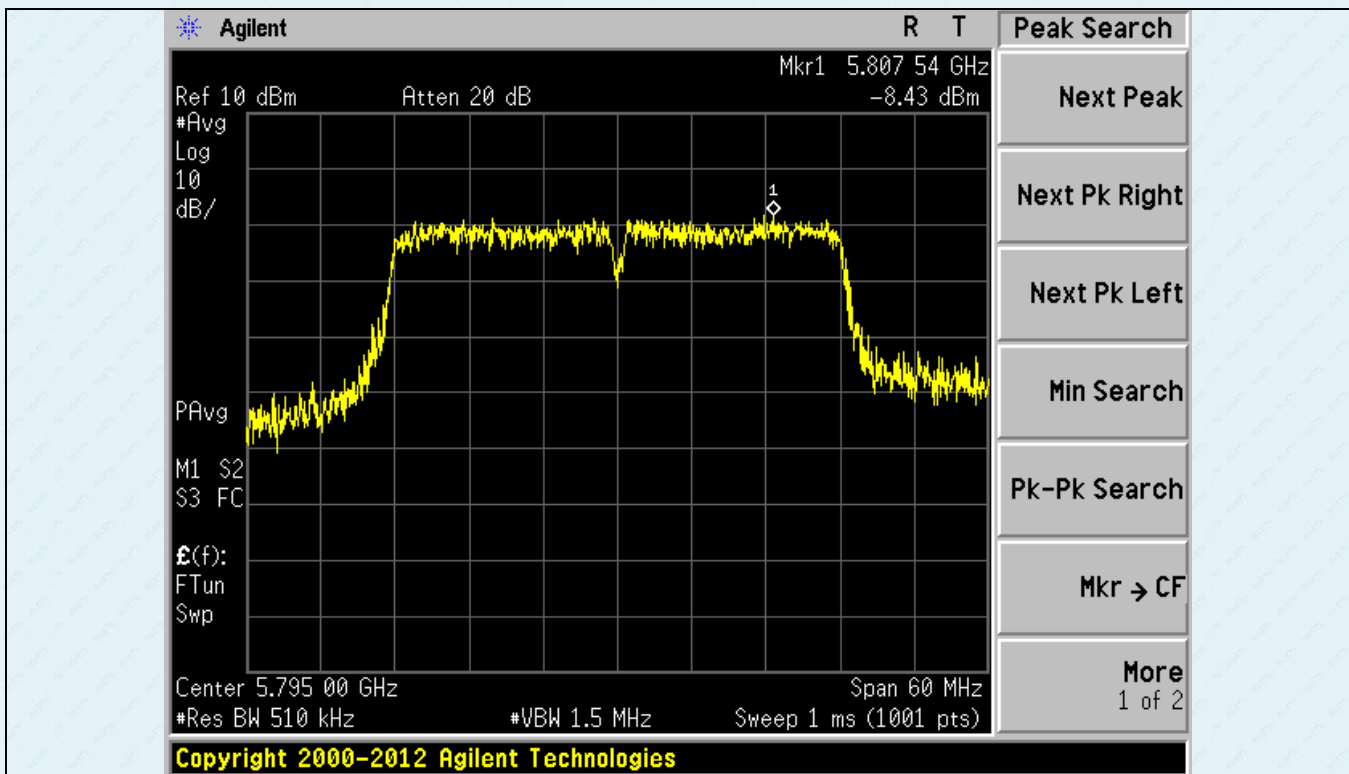
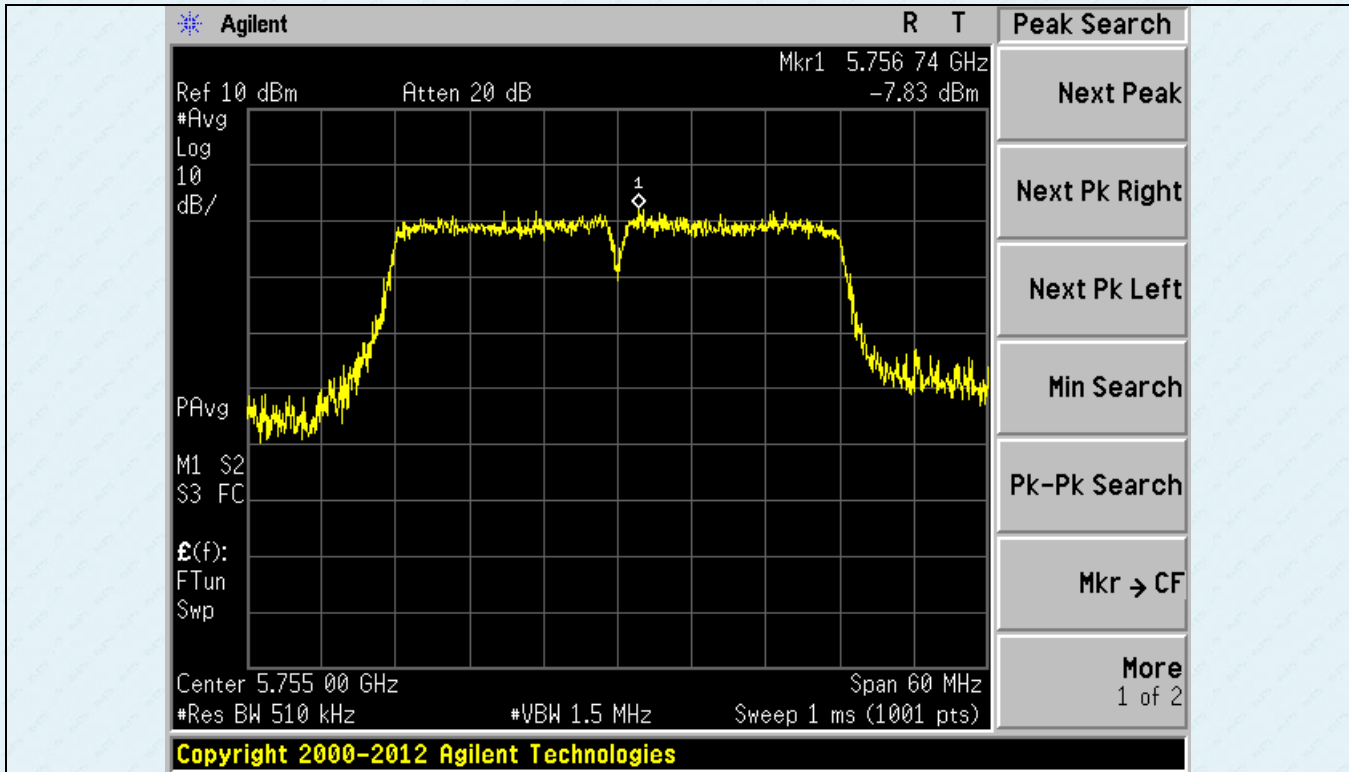


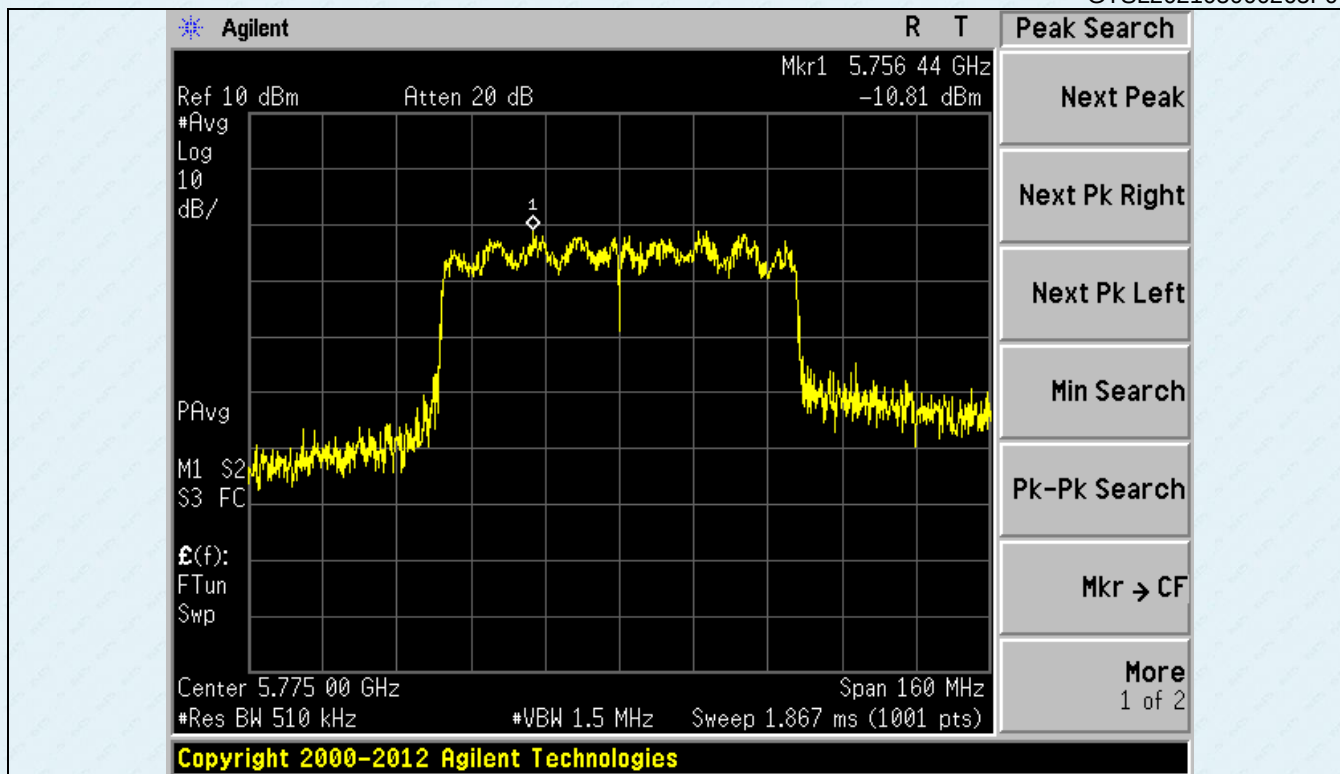












5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11a	5745	1	-3.48	<=20	PASS
		5785	1	-3.46	<=20	PASS
		5825	1	-3.43	<=20	PASS
	802.11n	5755	1	0	<=20	PASS
		5795	1	0	<=20	PASS
	802.11ac	5775	1	0	<=20	PASS