

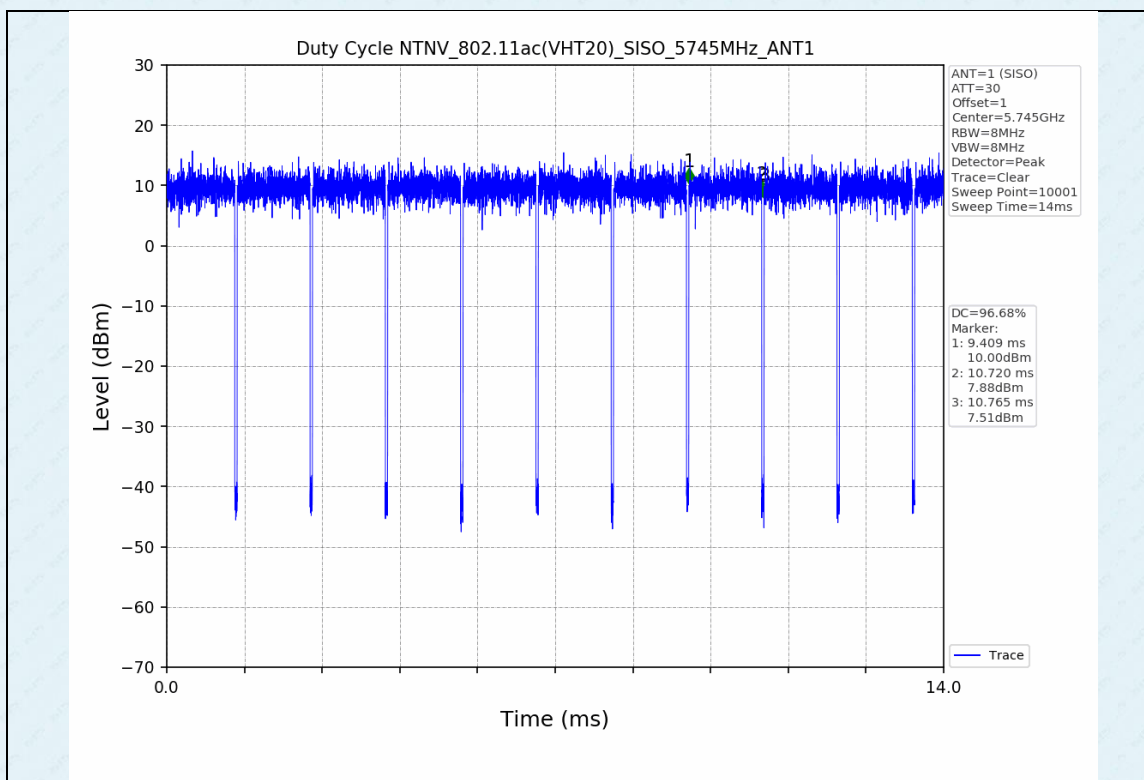
Appendix for 15.407

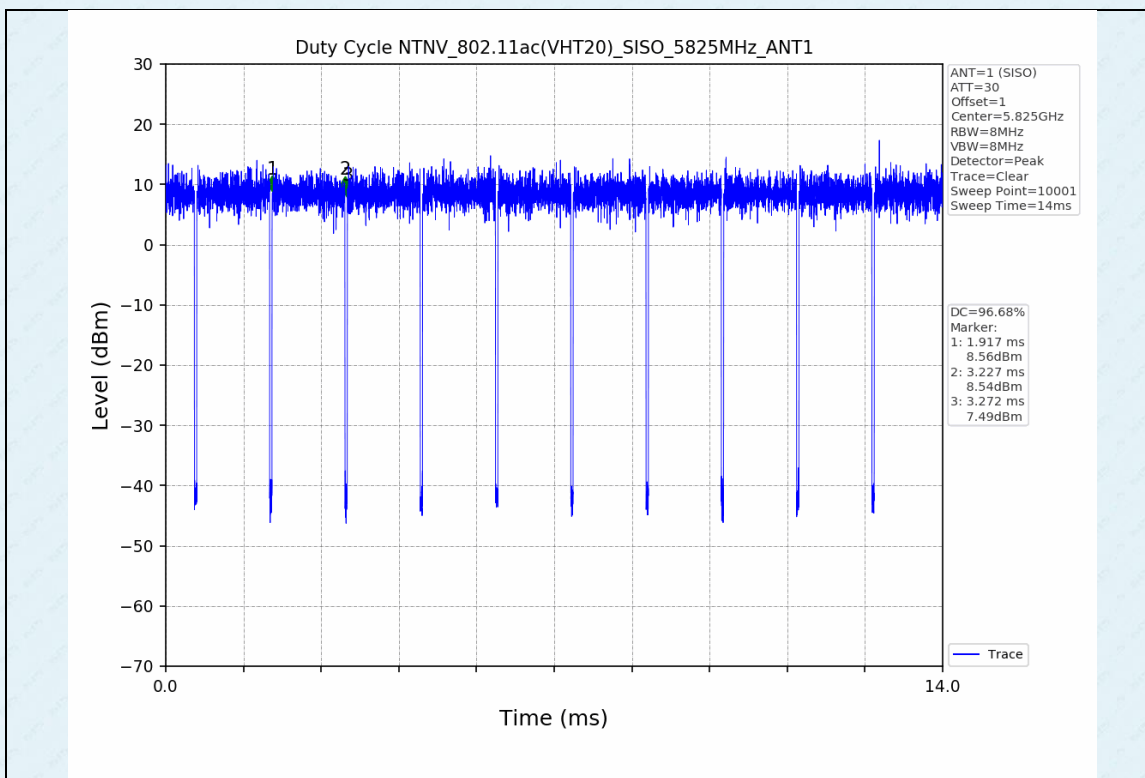
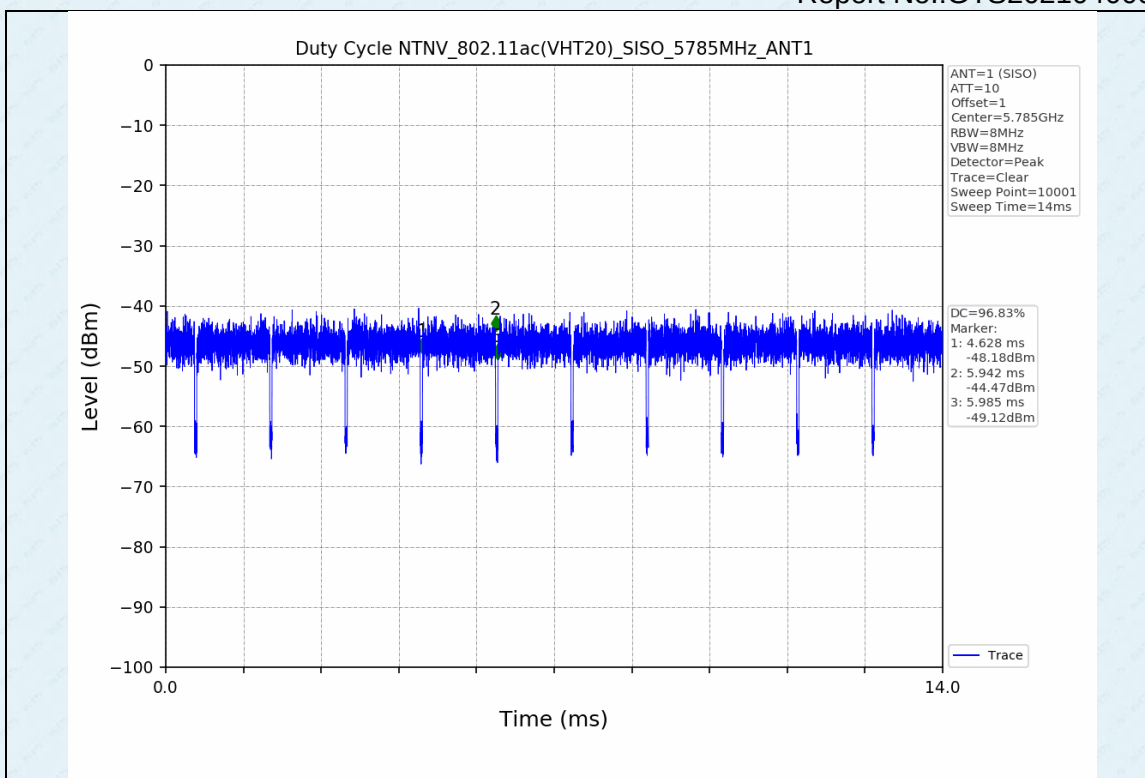
1. Duty Cycle

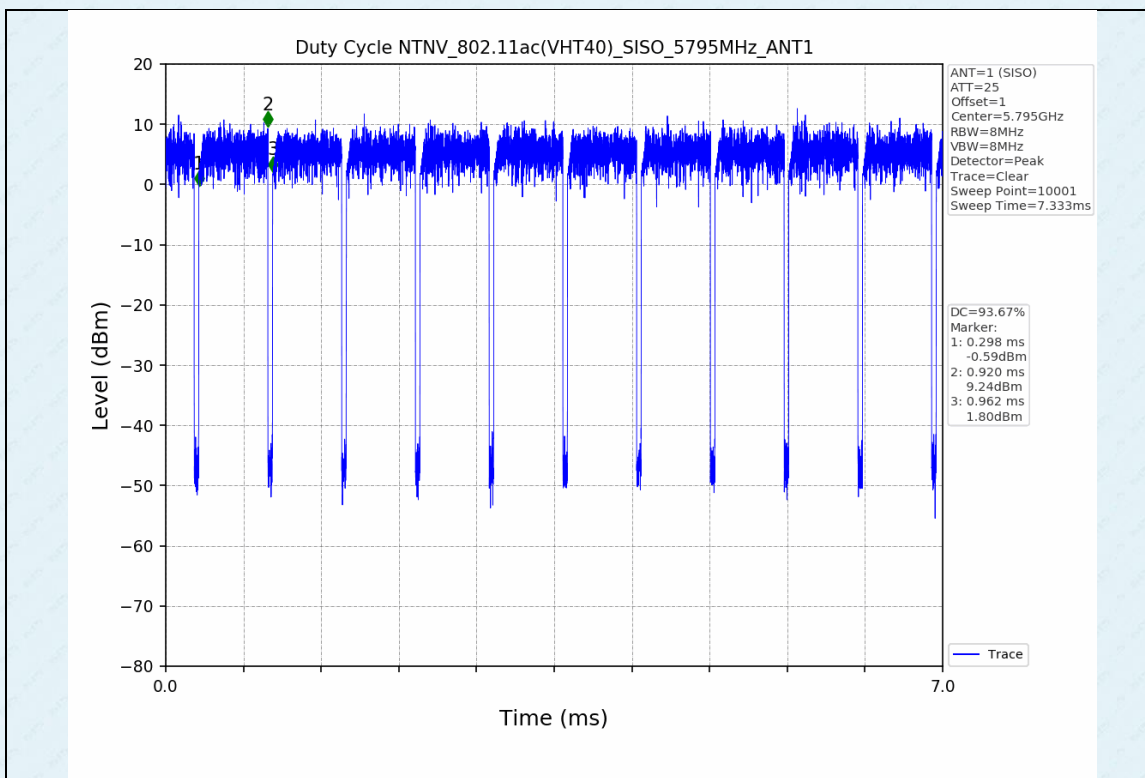
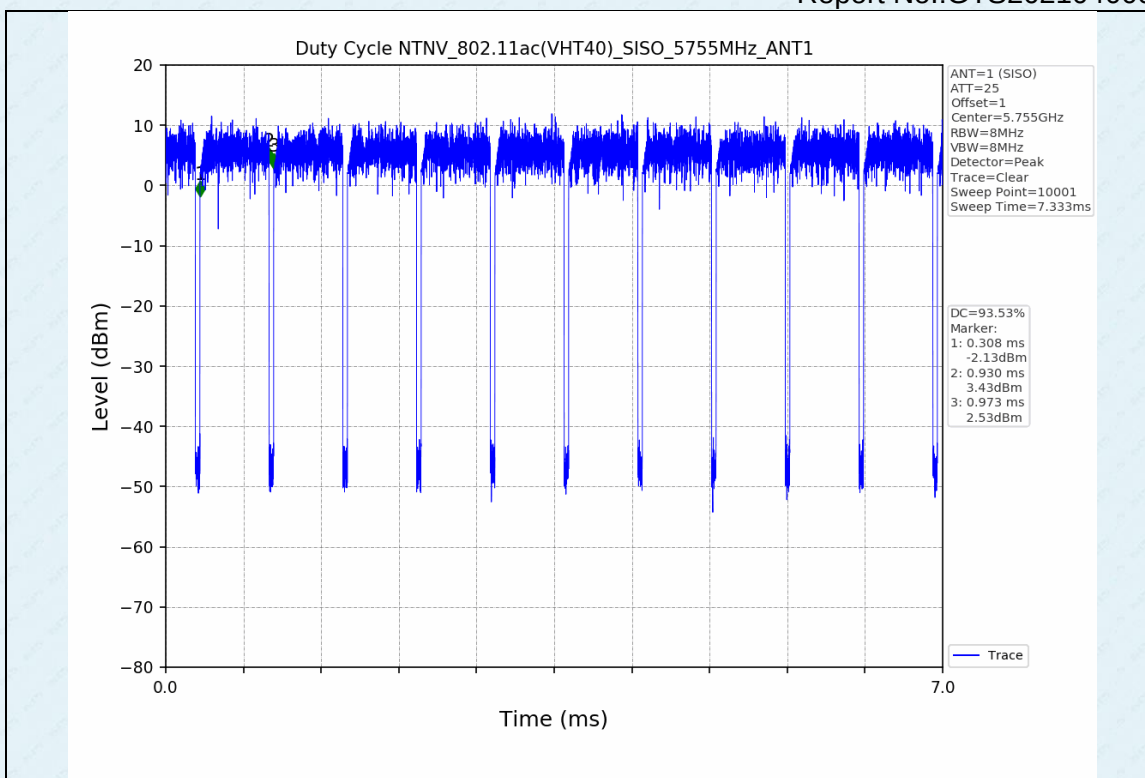
1.1 Test Result

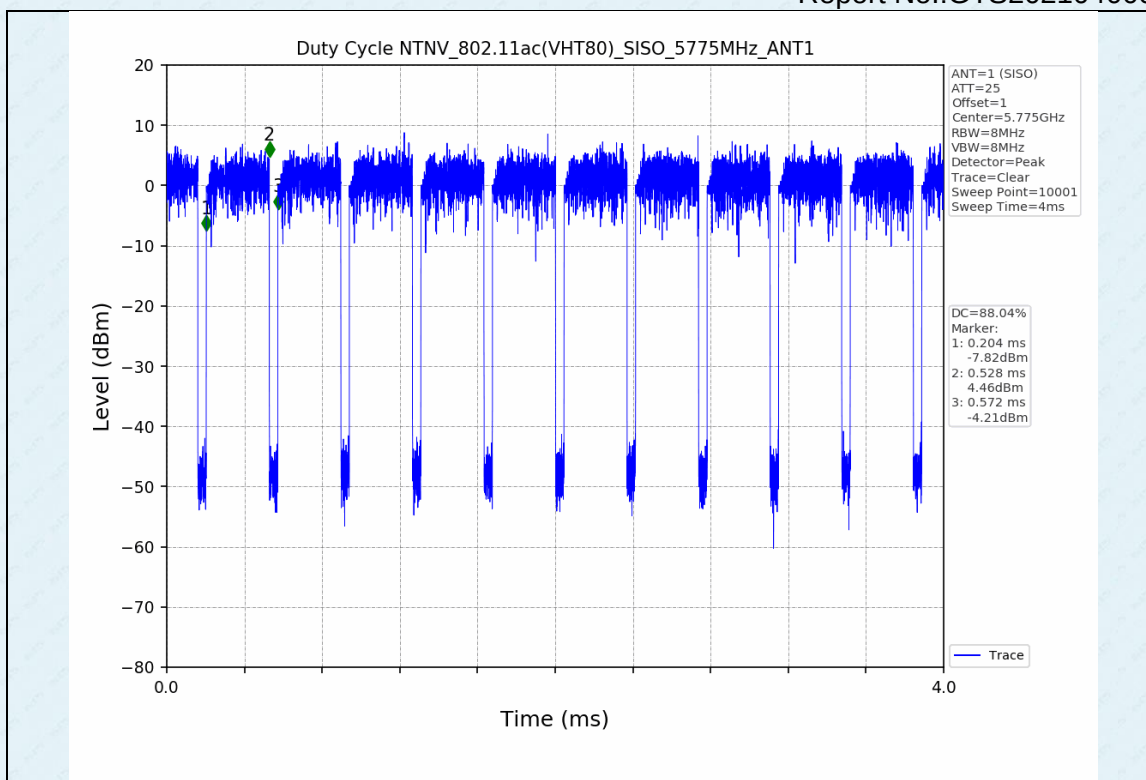
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11ac(VHT20)	5745	SISO	1	1.311	1.356	96.68	0.15
	5785	SISO	1	1.314	1.357	96.83	0.14
	5825	SISO	1	1.310	1.355	96.68	0.15
802.11ac(VHT40)	5755	SISO	1	0.622	0.665	93.53	0.29
	5795	SISO	1	0.622	0.664	93.67	0.28
802.11ac(VHT80)	5775	SISO	1	0.324	0.368	88.04	0.55

1.2 Test Graph









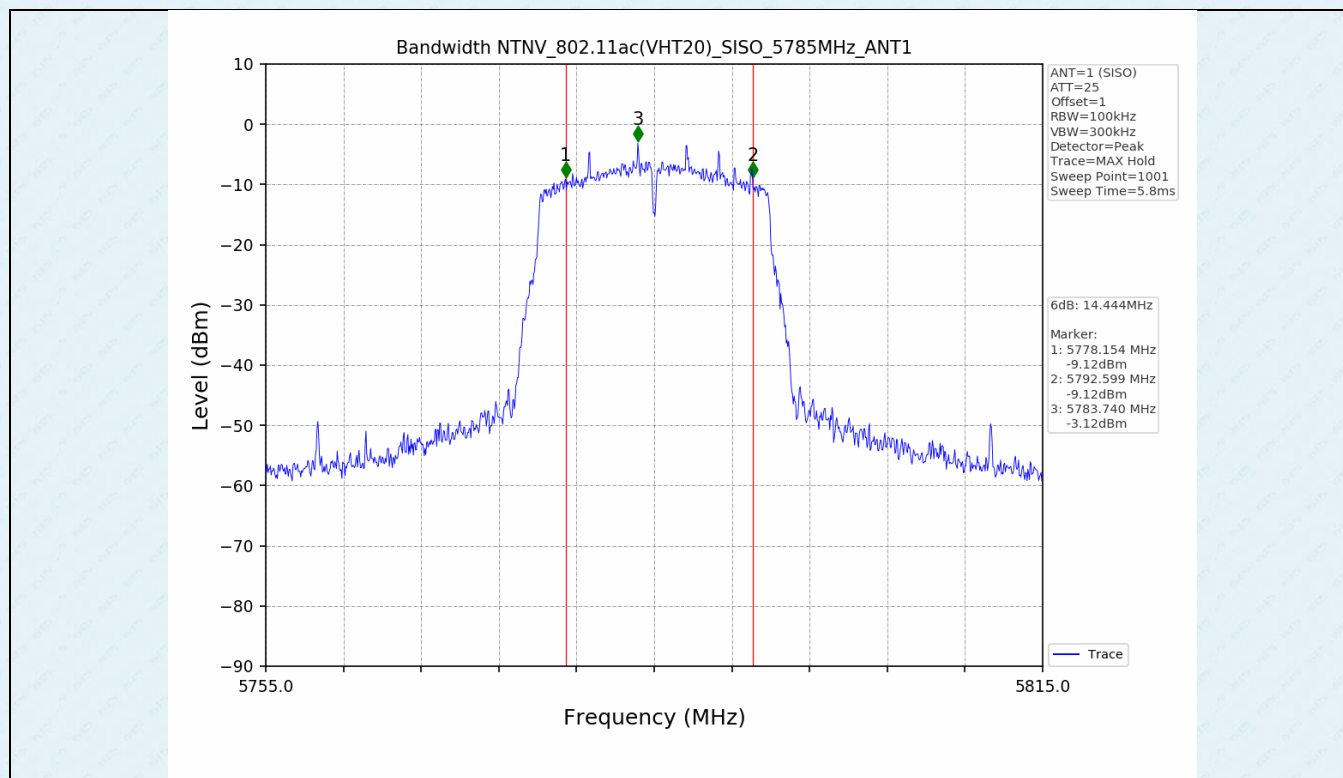
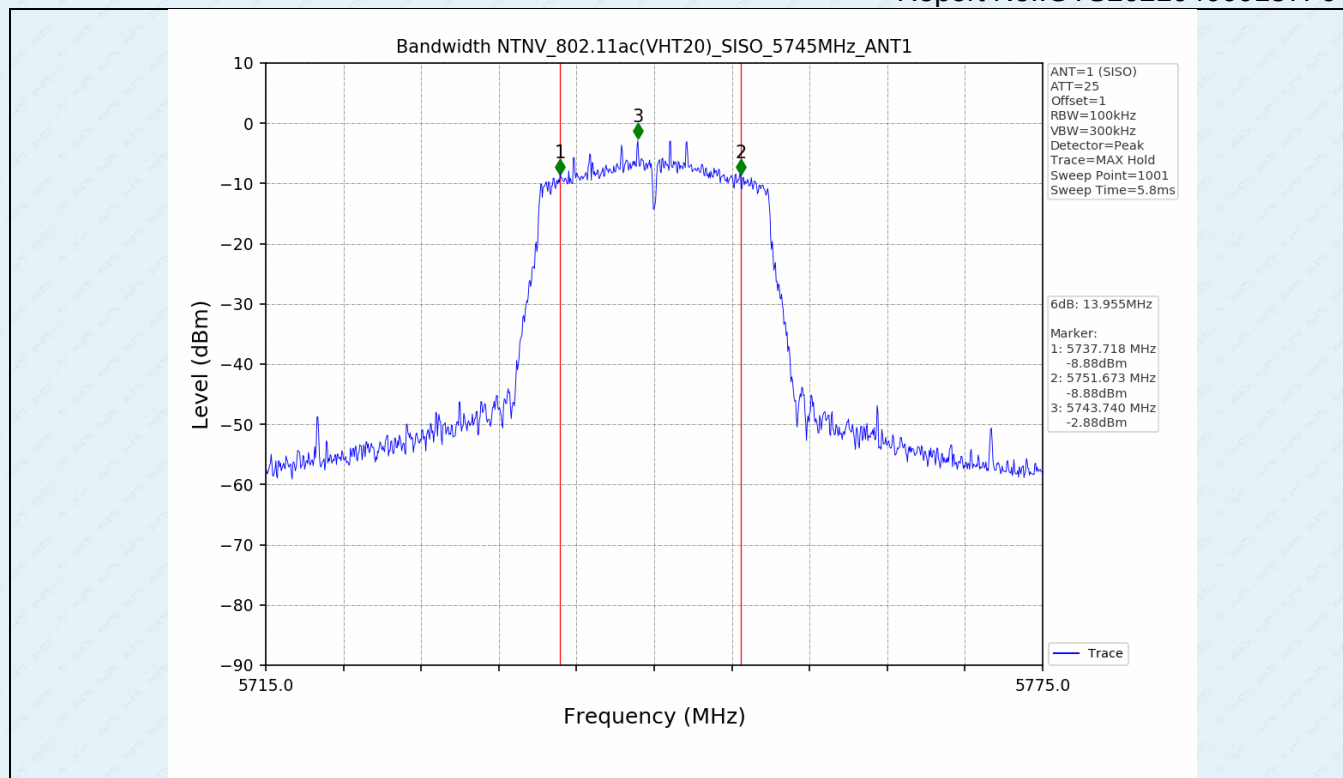
2. Bandwidth

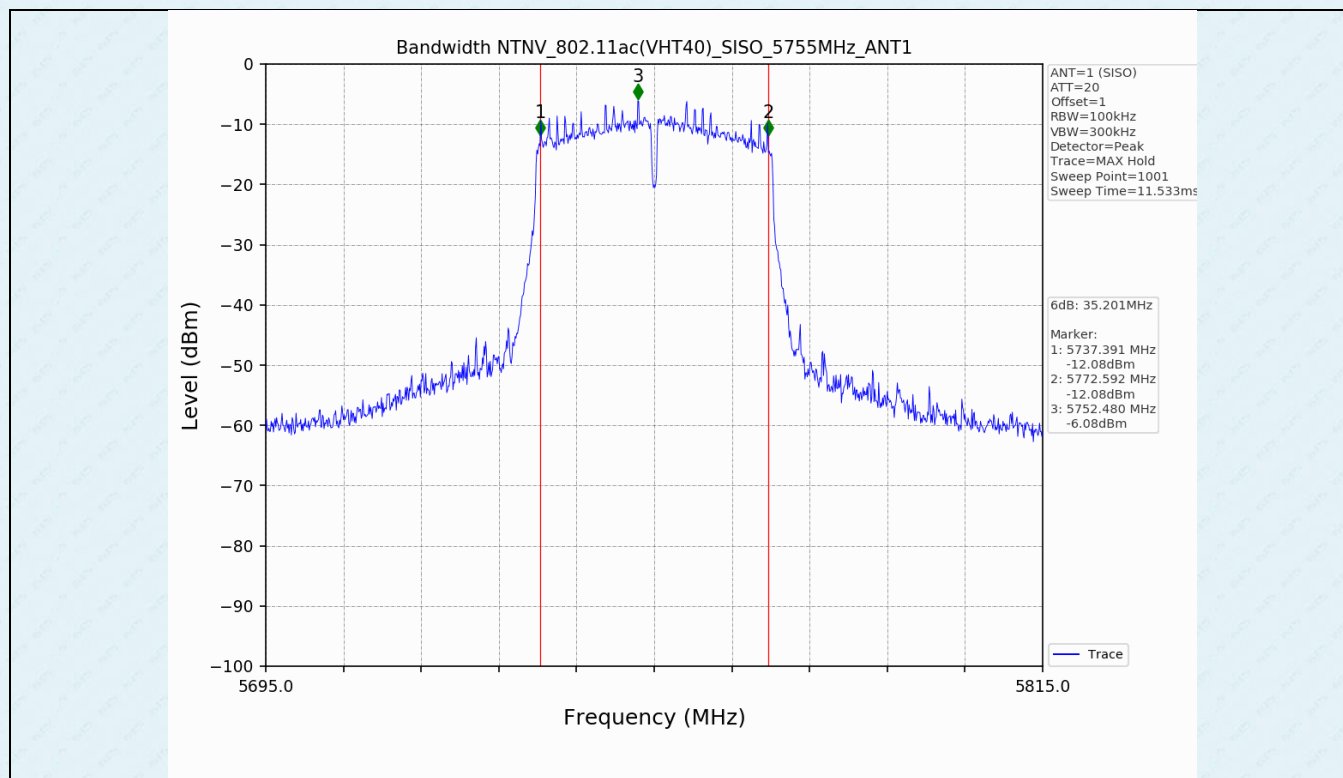
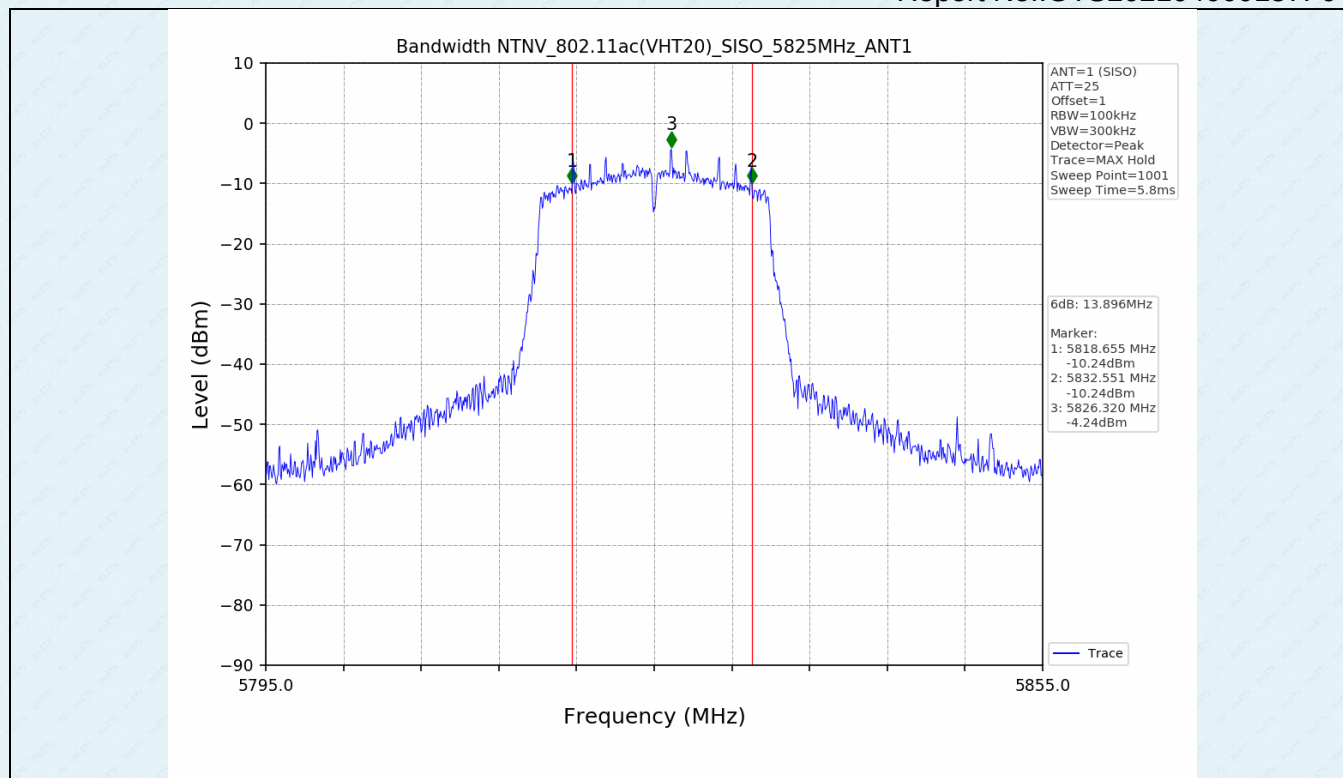
2.1 Test Result

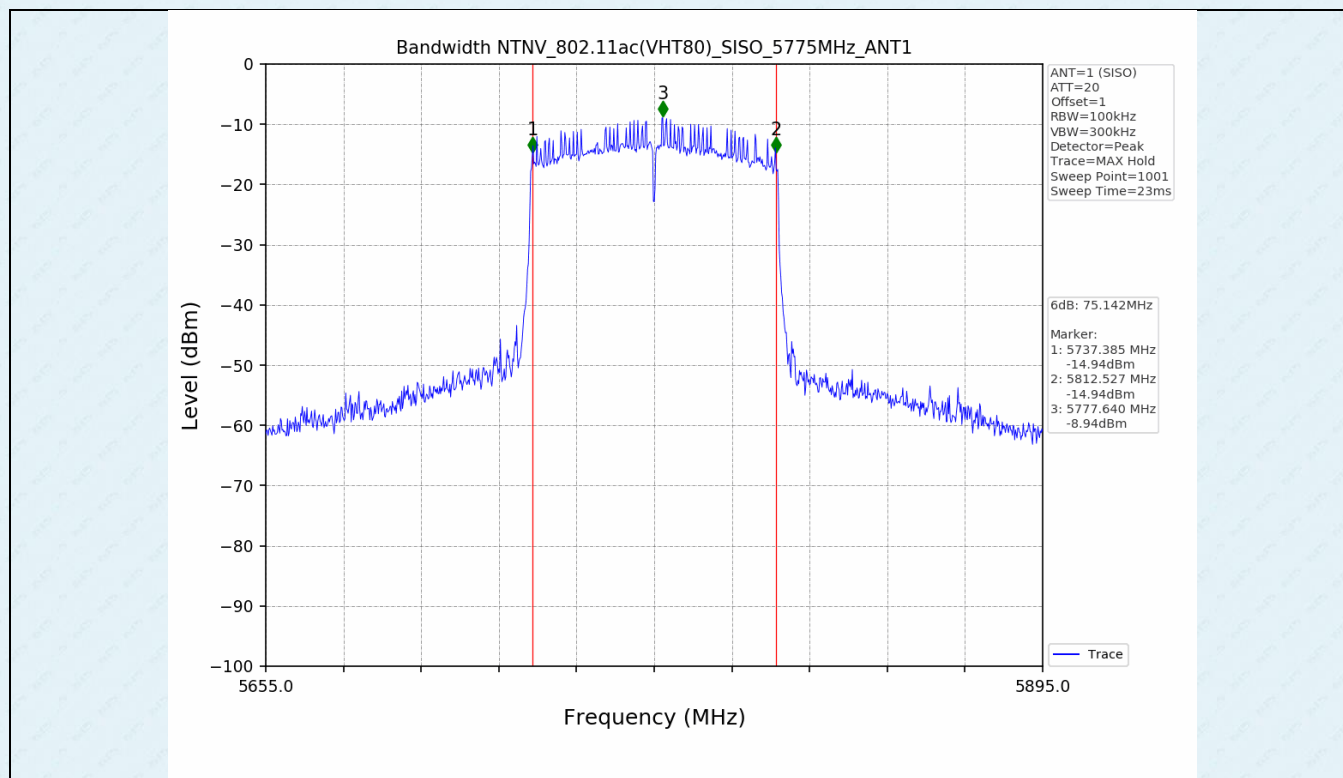
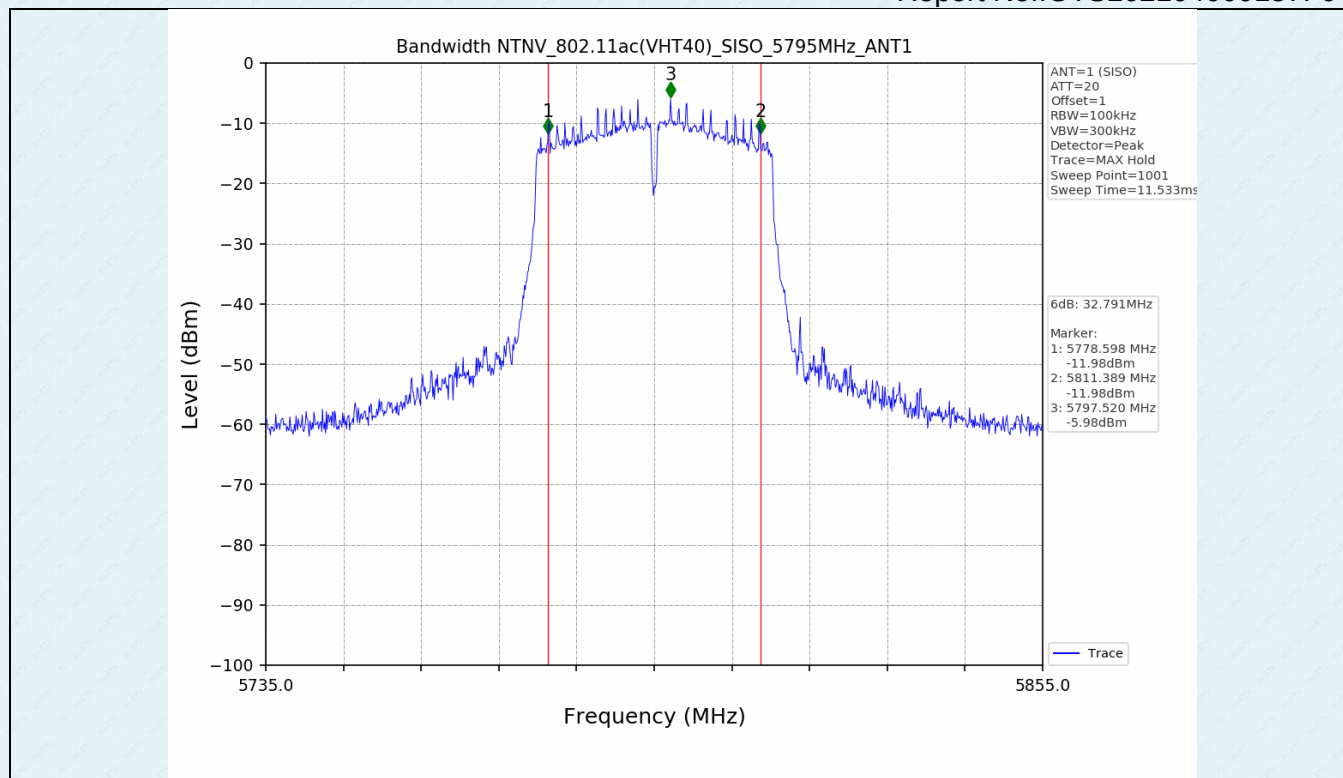
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5745	SISO	1	13.955	≥ 0.5	PASS
	5785	SISO	1	14.444	≥ 0.5	PASS
	5825	SISO	1	13.896	≥ 0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.201	≥ 0.5	PASS
	5795	SISO	1	32.791	≥ 0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.142	≥ 0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11ac(VHT20)	5745	SISO	1	17.642	Only for Report Use
	5785	SISO	1	17.621	Only for Report Use
	5825	SISO	1	17.637	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.085	Only for Report Use
	5795	SISO	1	36.132	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.315	Only for Report Use

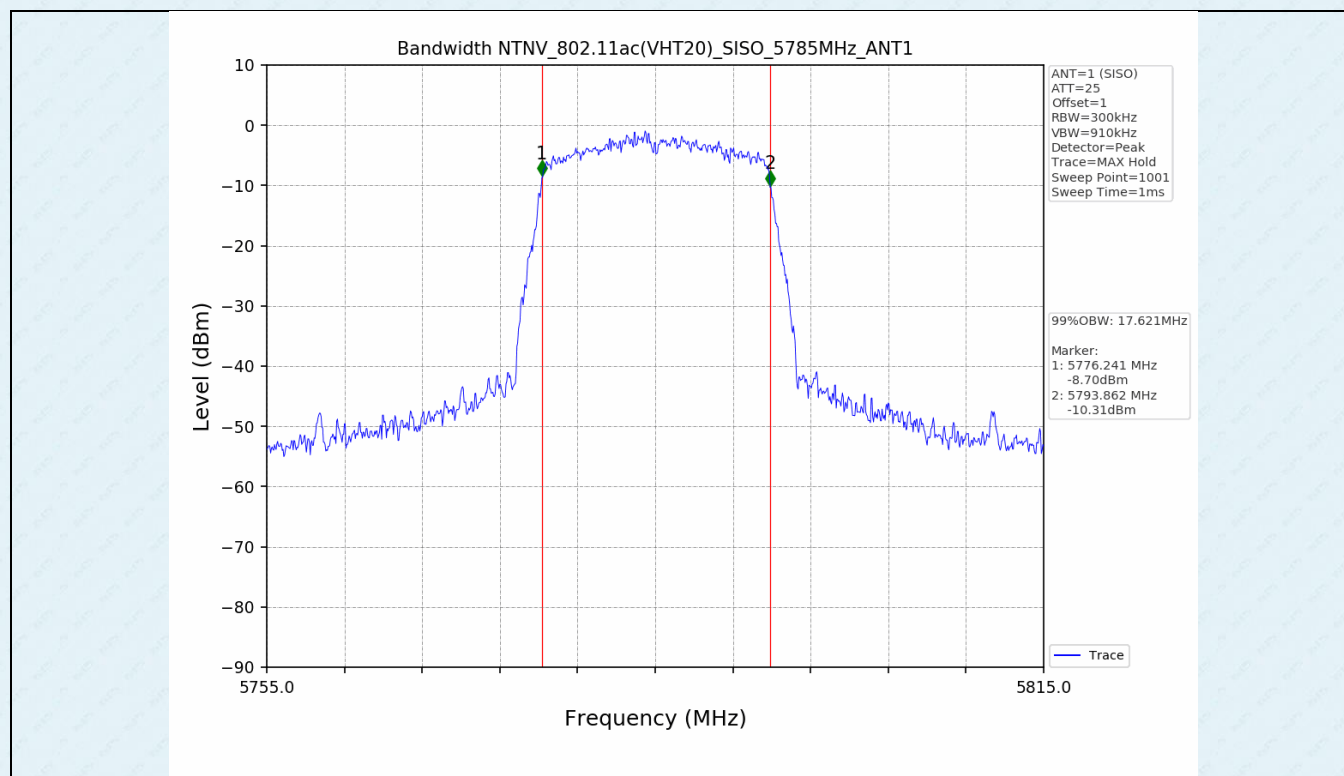
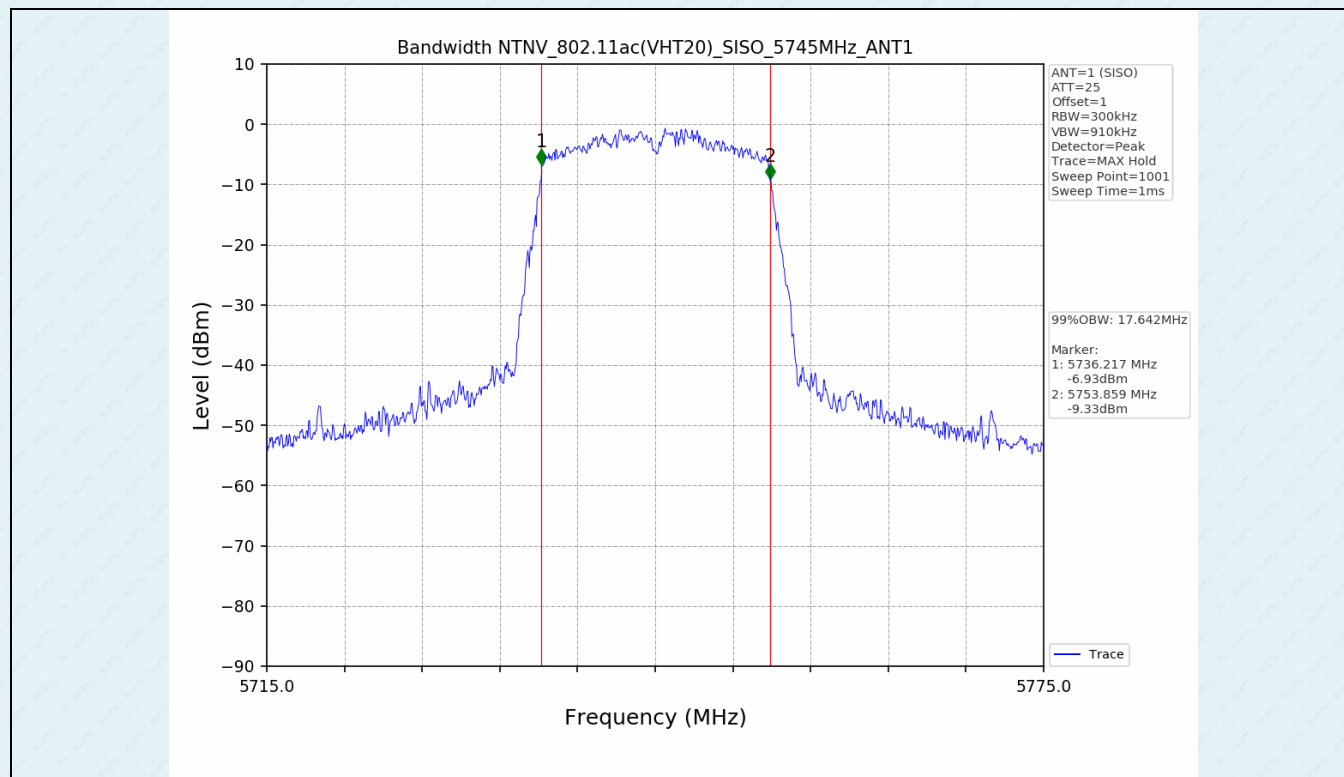
2.2 Test Graph - Emission Bandwidth

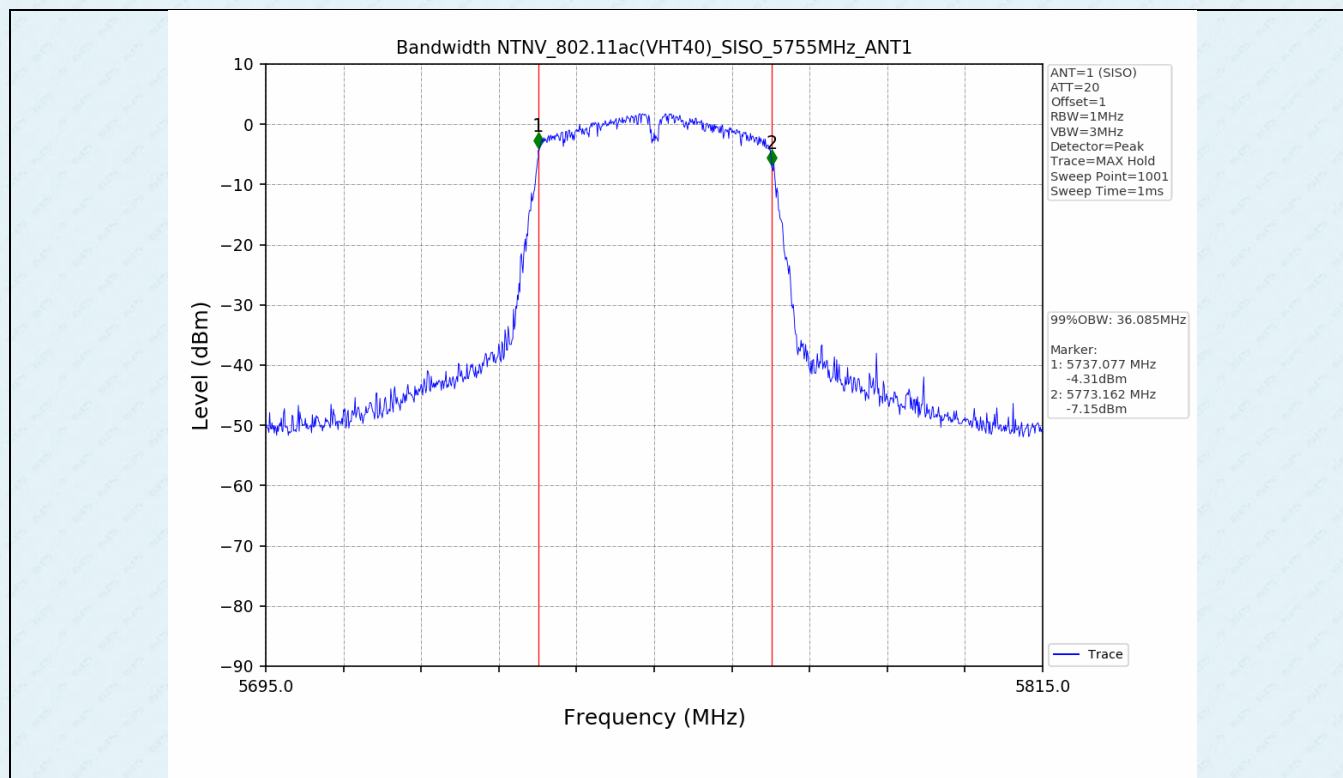
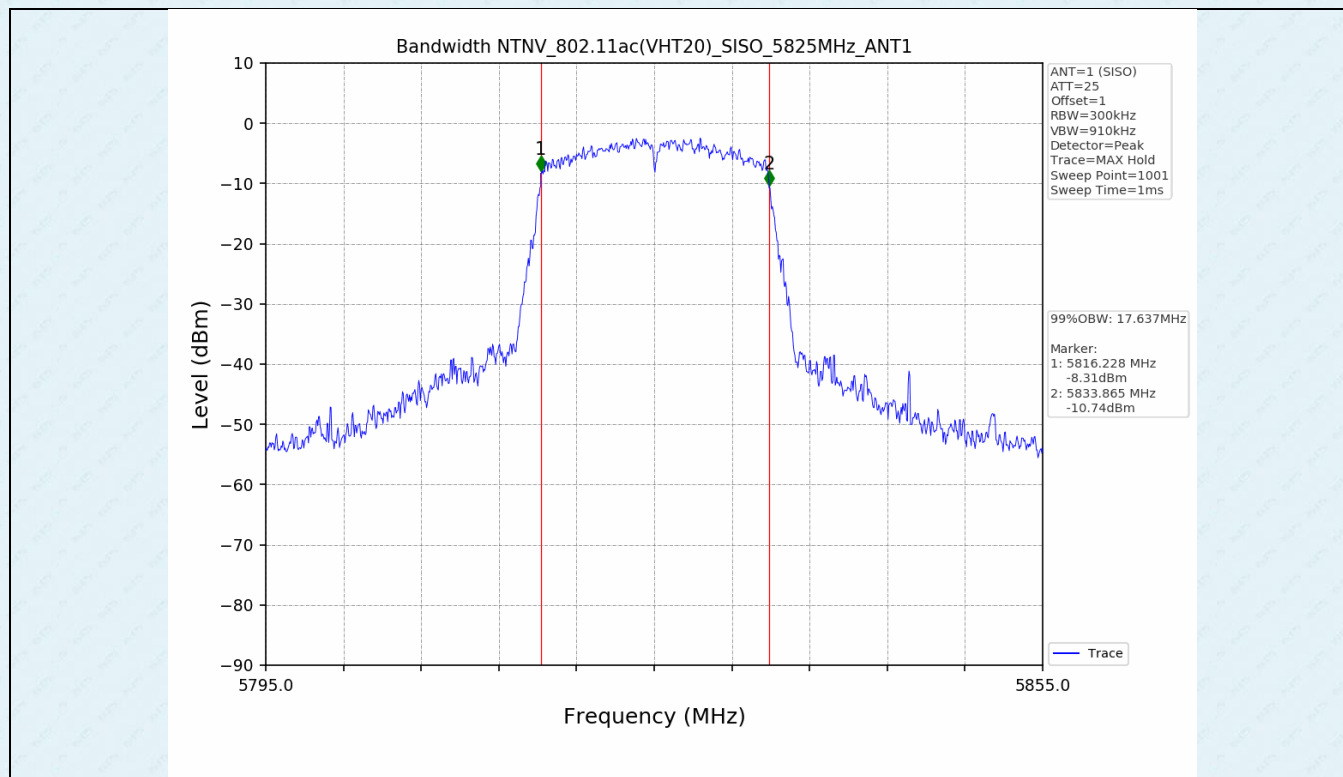


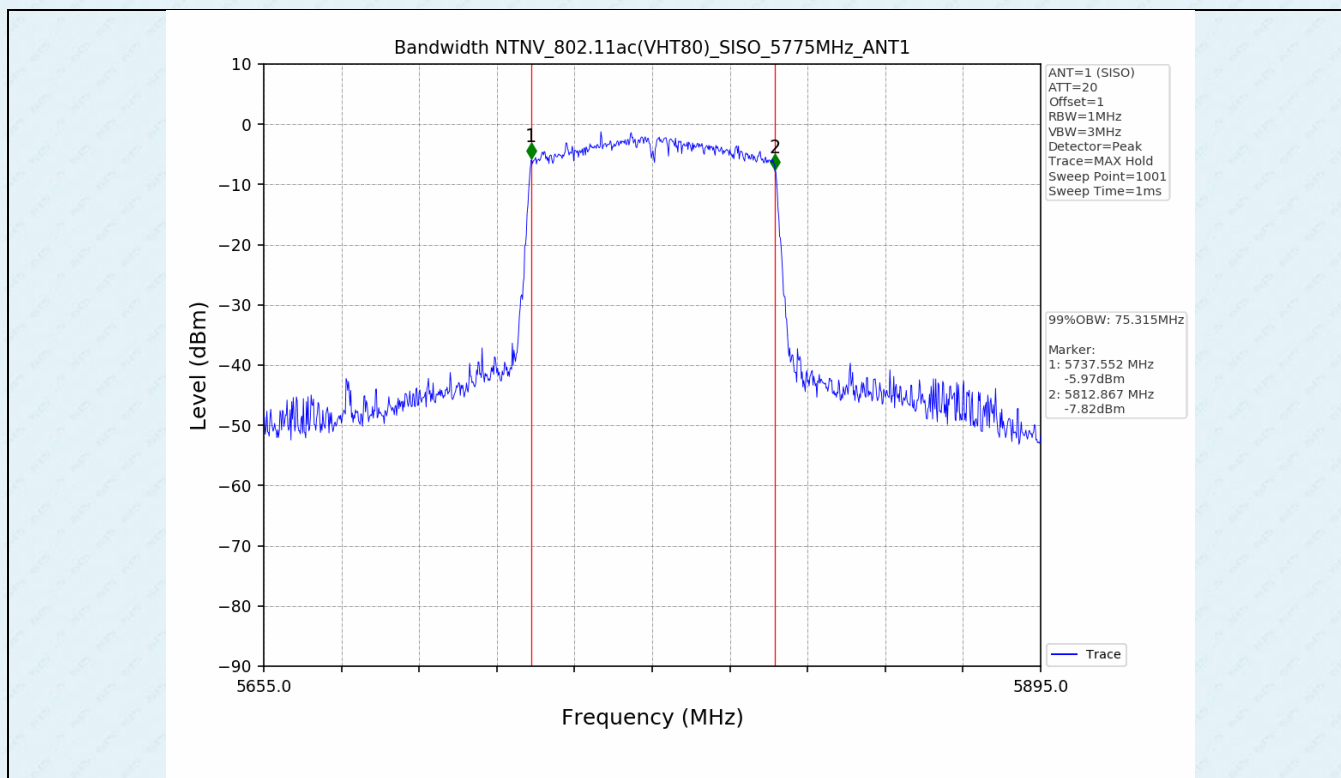
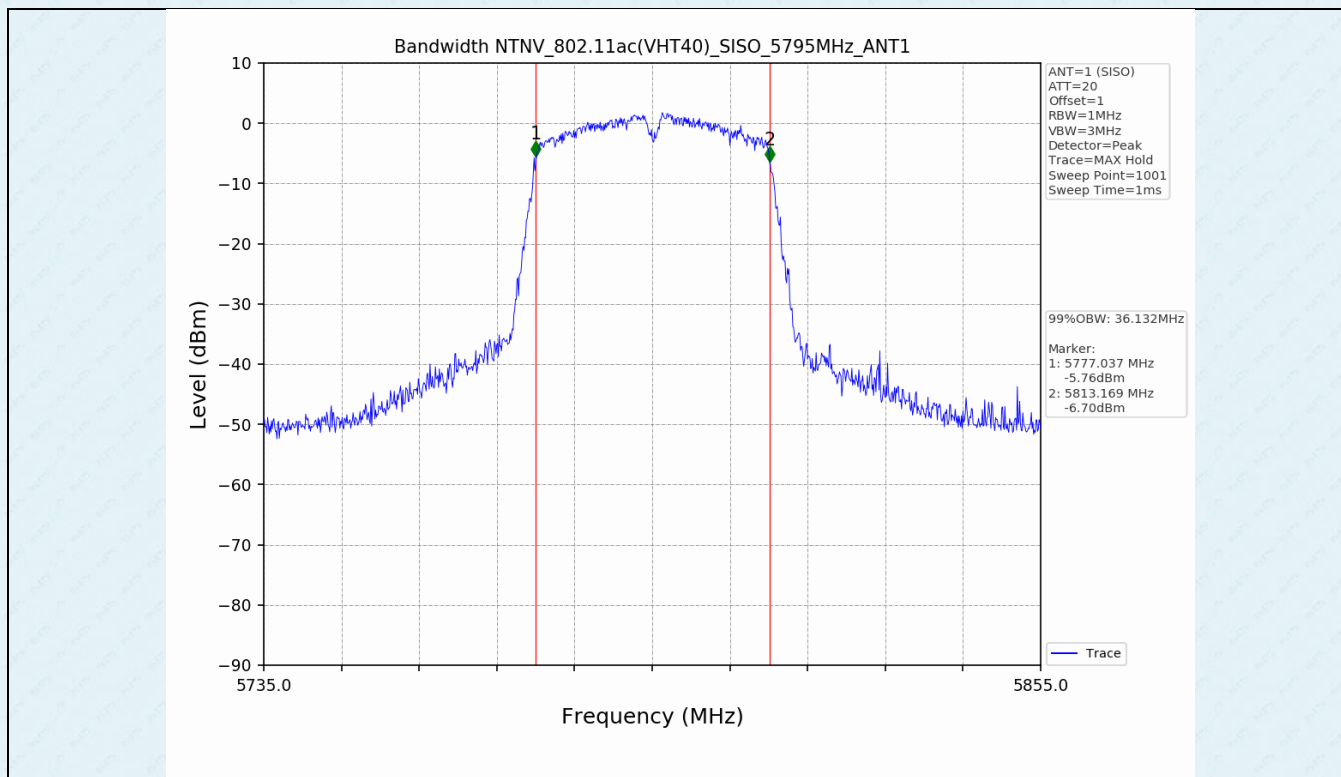




2.3 Test Graph - 99% Occupied Bandwidth







3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5745	SISO	4.92	≤30.00	PASS
	5785	SISO	4.28	≤30.00	PASS
	5825	SISO	3.51	≤30.00	PASS
802.11ac(VHT40)	5755	SISO	4.46	≤30.00	PASS
	5795	SISO	4.07	≤30.00	PASS
802.11ac(VHT80)	5775	SISO	4.04	≤30.00	PASS

Test Mode	Frequency (MHz)	Tx Type	EIRP (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5745	SISO	6.57	≤36.00	PASS
	5785	SISO	5.93	≤36.00	PASS
	5825	SISO	5.16	≤36.00	PASS
802.11ac(VHT40)	5755	SISO	6.11	≤36.00	PASS
	5795	SISO	5.72	≤36.00	PASS
802.11ac(VHT80)	5775	SISO	5.69	≤36.00	PASS

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		
802.11ac(VHT20)	5745	SISO	-5.27	≤30	PASS
	5785	SISO	-6.16	≤30	PASS
	5825	SISO	-6.72	≤30	PASS
802.11ac(VHT40)	5755	SISO	-8.90	≤30	PASS
	5795	SISO	-9.00	≤30	PASS
802.11ac(VHT80)	5775	SISO	-12.30	≤30	PASS

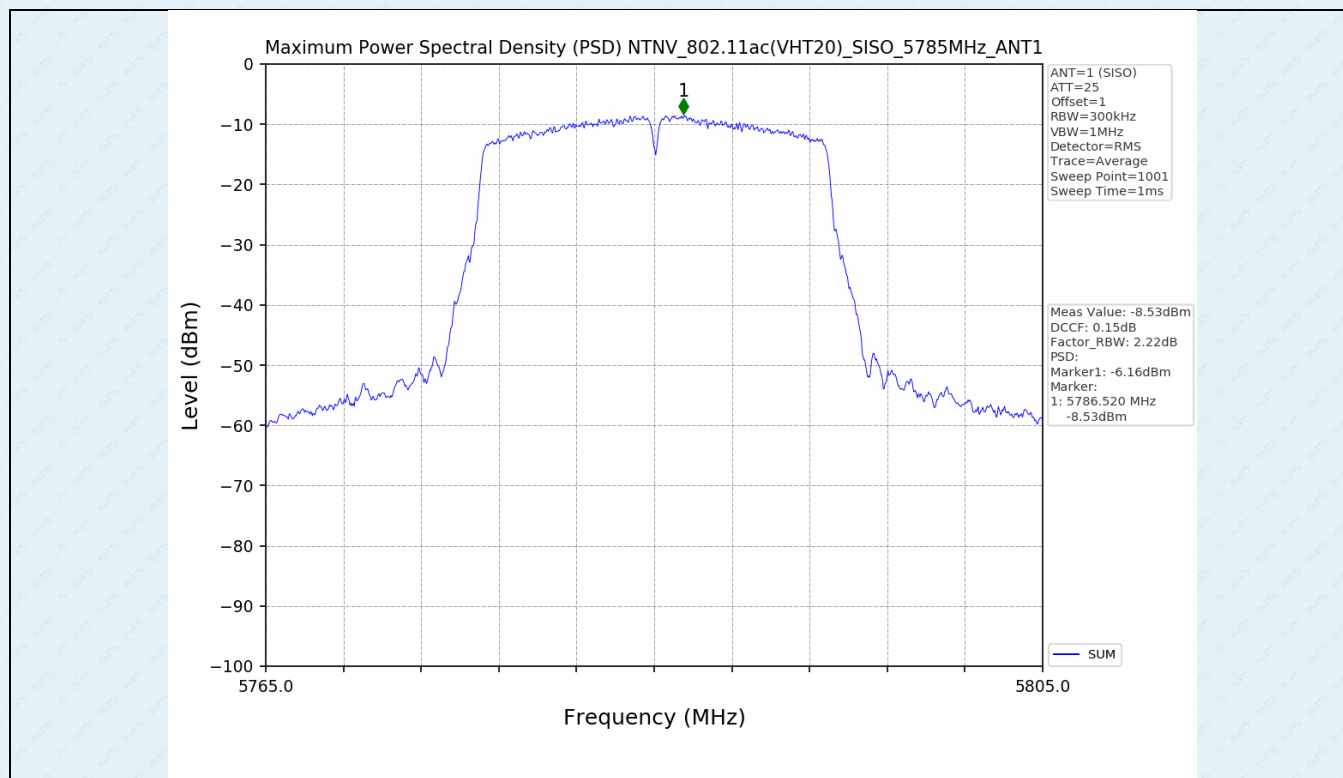
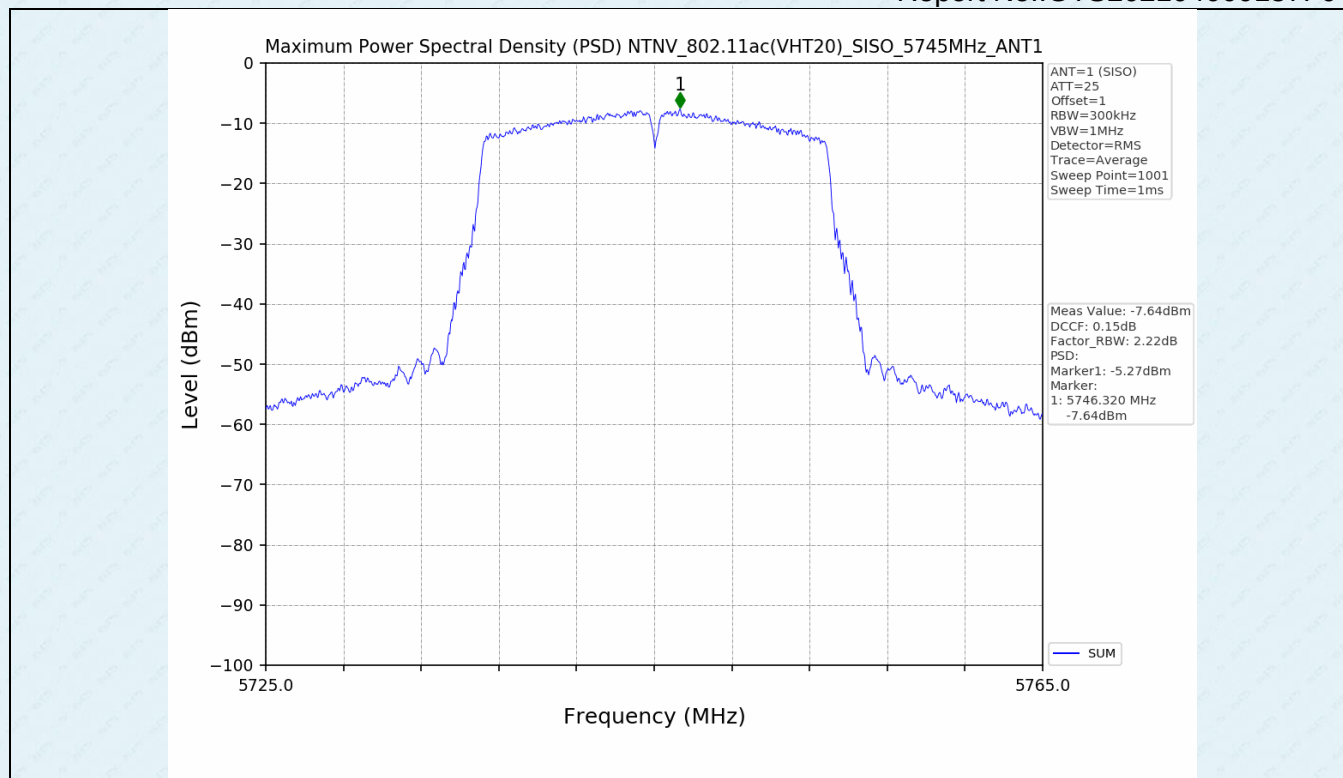
Test Mode	Frequency (MHz)	Tx Type	EIRP PSD(dBm/MHz)	Limits (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5745	SISO	-3.62	≤30	PASS
	5785	SISO	-4.51	≤30	PASS
	5825	SISO	-5.07	≤30	PASS
802.11ac(VHT40)	5755	SISO	-7.25	≤30	PASS
	5795	SISO	-7.35	≤30	PASS
802.11ac(VHT80)	5775	SISO	-10.65	≤30	PASS

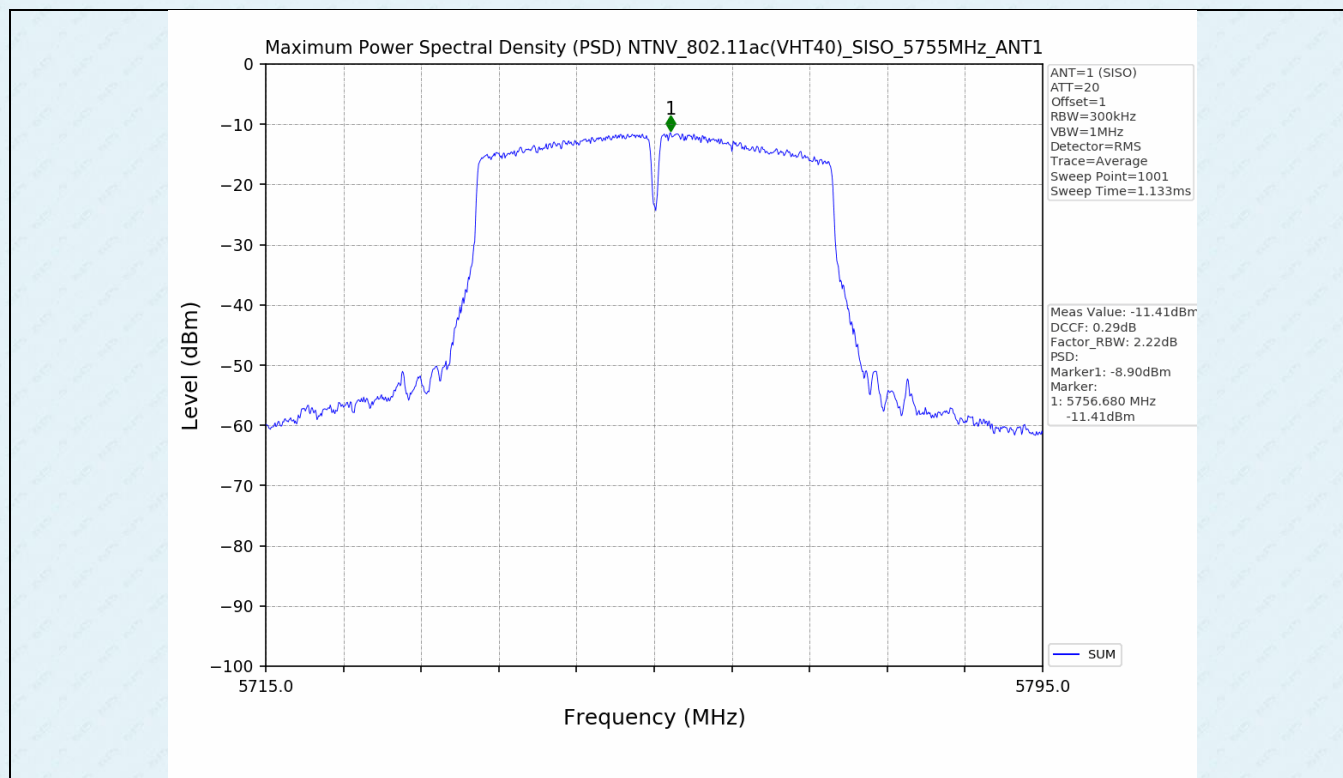
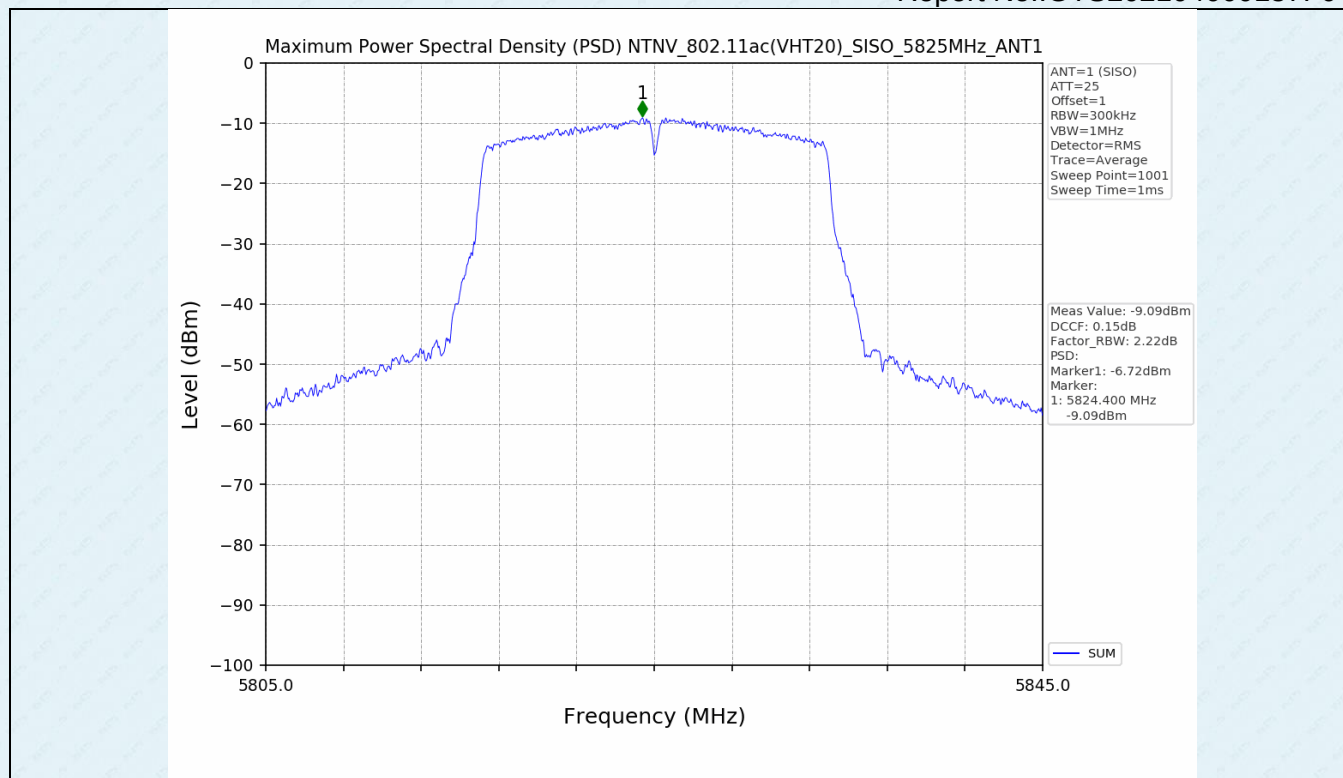
4.2 Test Graph

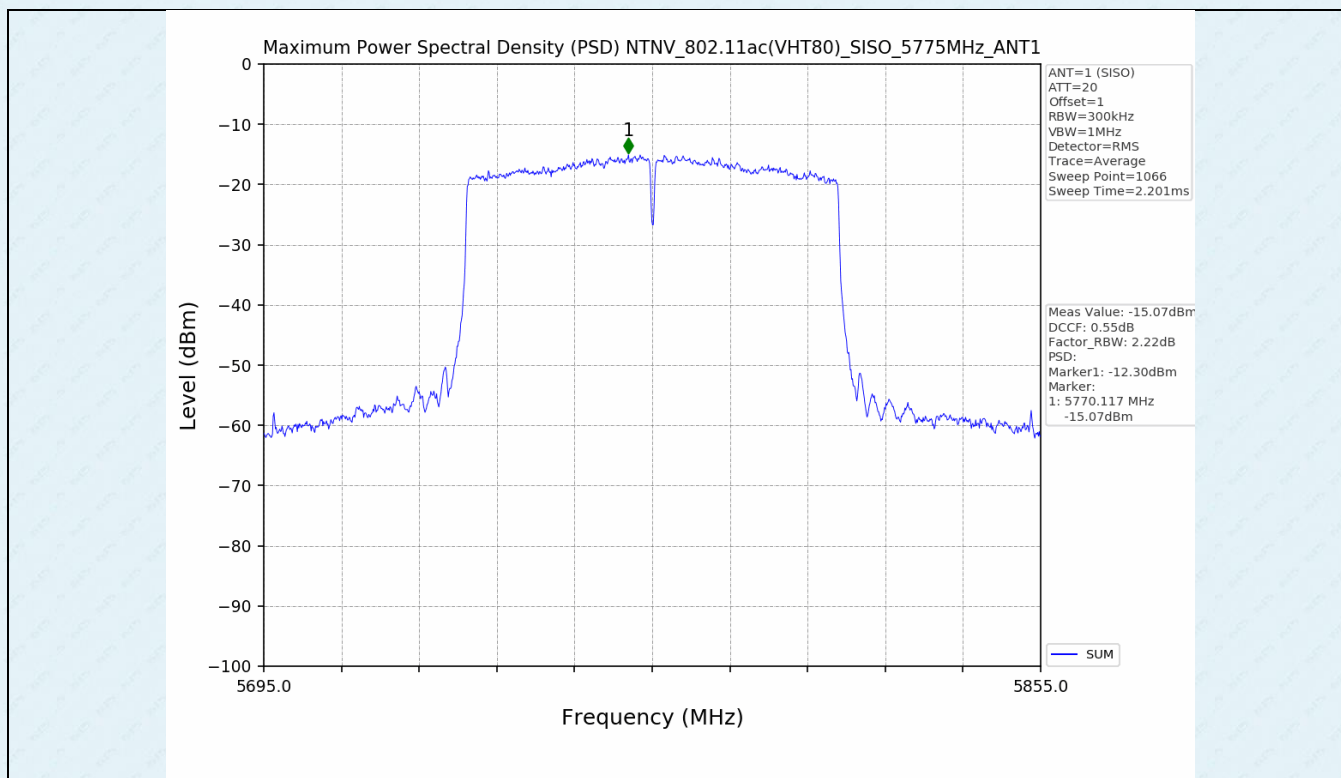
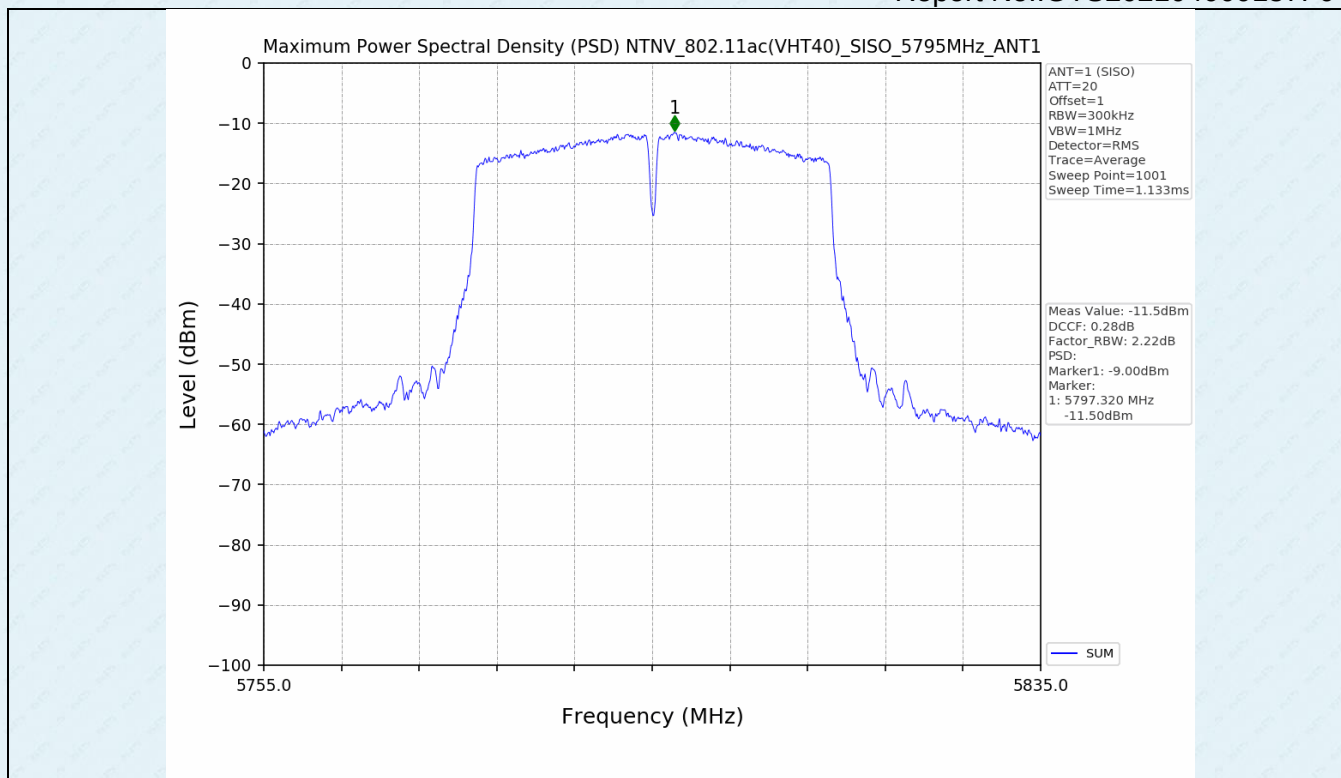
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5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11ac	5745	1	3.48	<=20	PASS
		5755	1	-2.85	<=20	PASS
		5775	1	0	<=20	PASS
		5785	1	3.46	<=20	PASS
		5795	1	0	<=20	PASS
		5825	1	3.43	<=20	PASS