

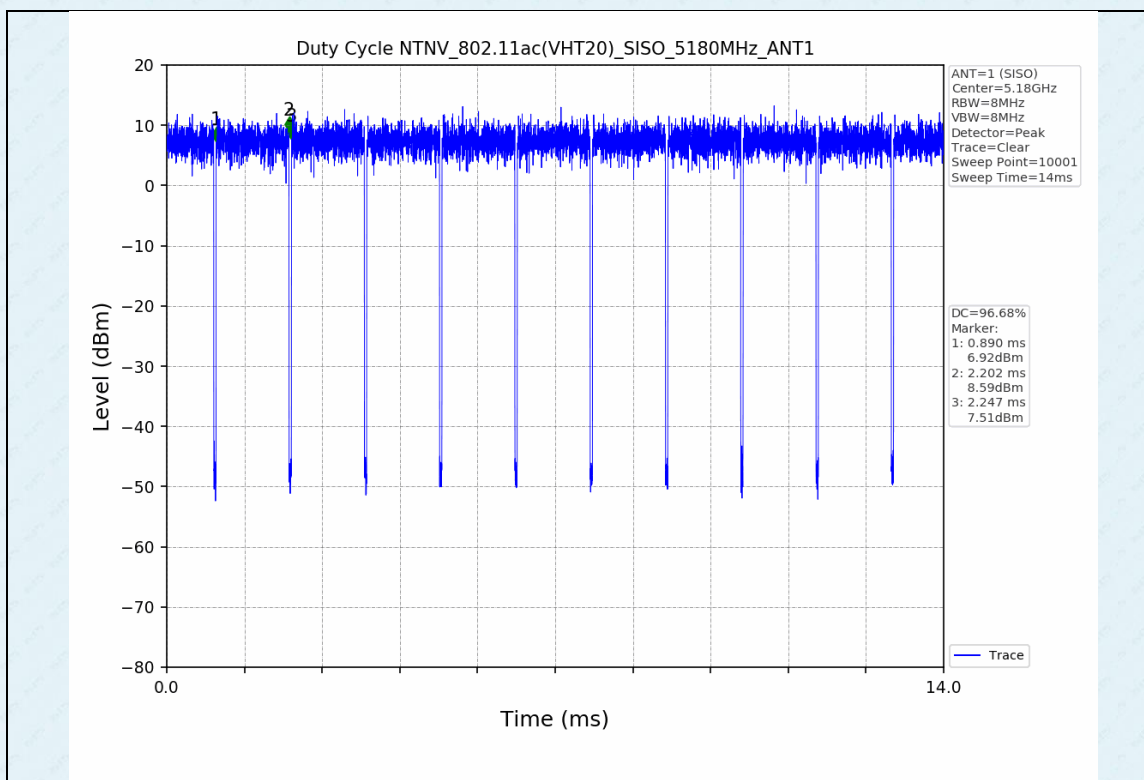
Appendix for 15.407

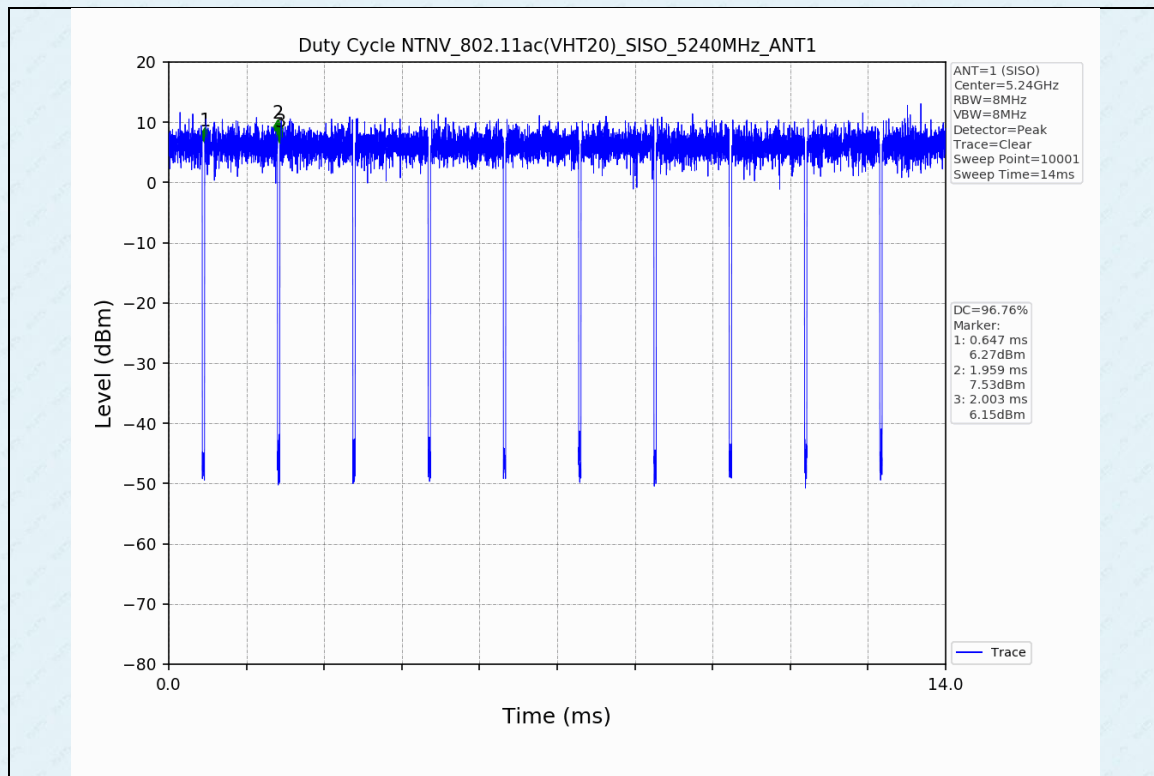
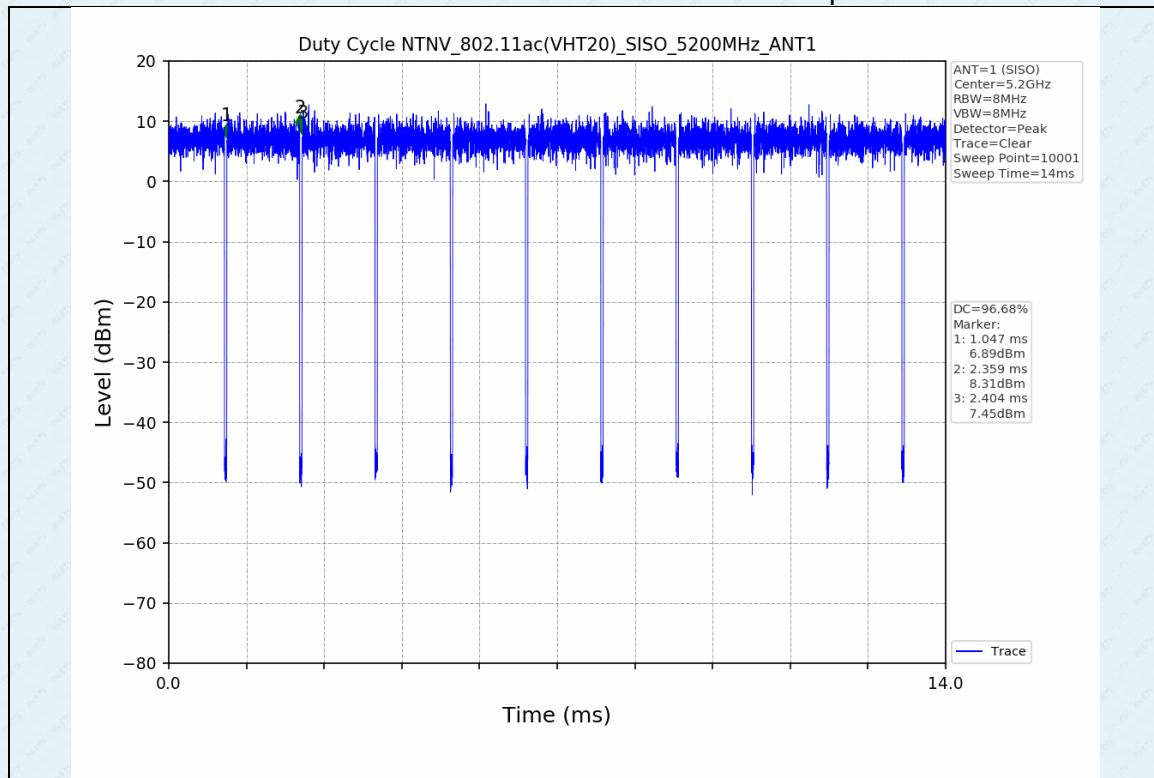
1. Duty Cycle

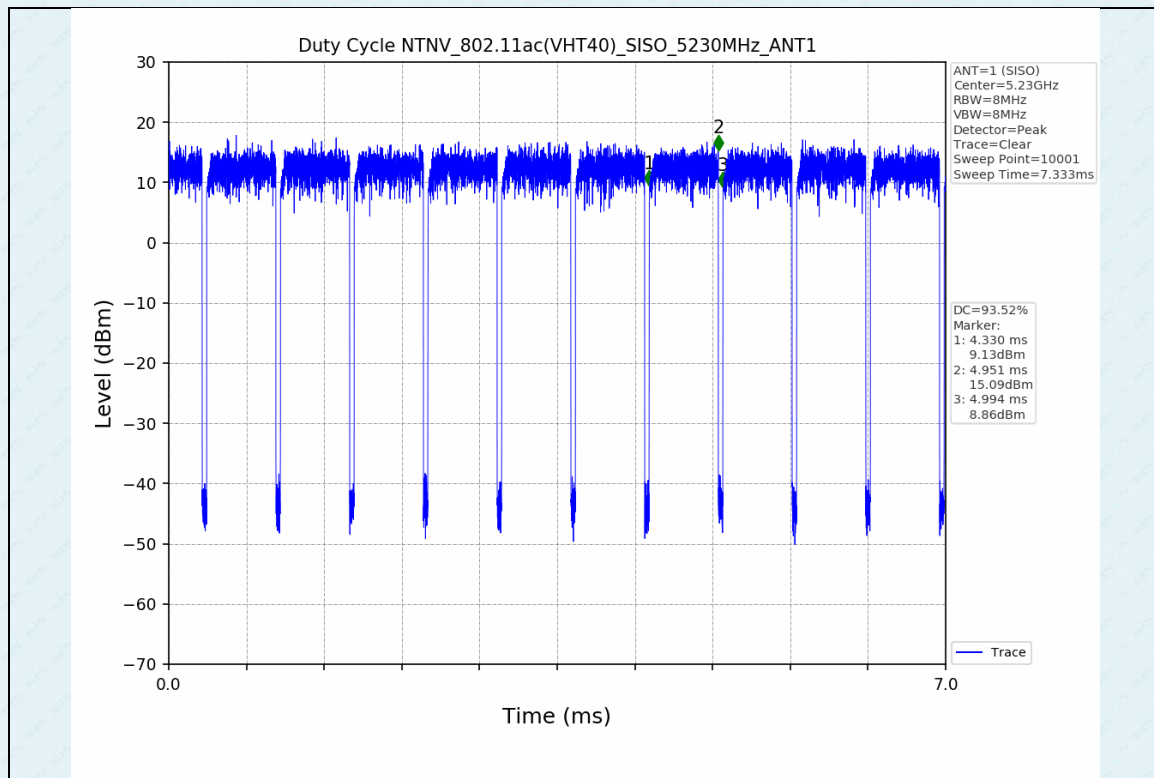
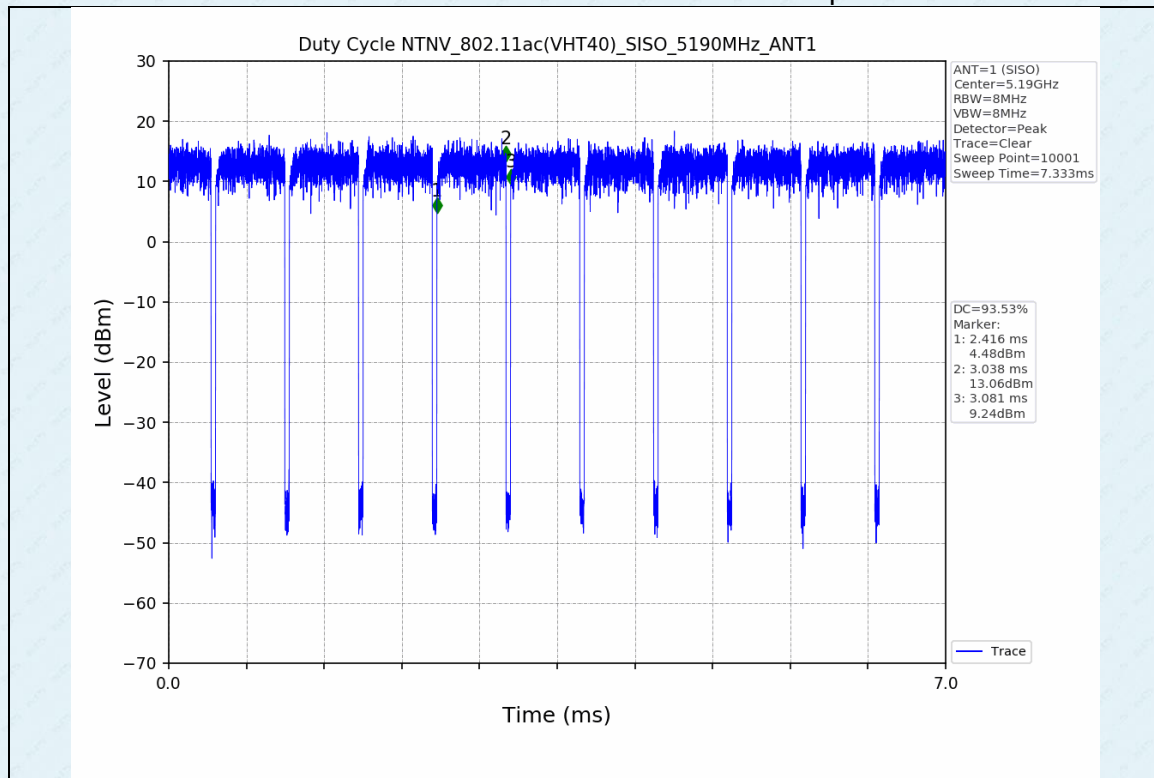
1.1 Test Result

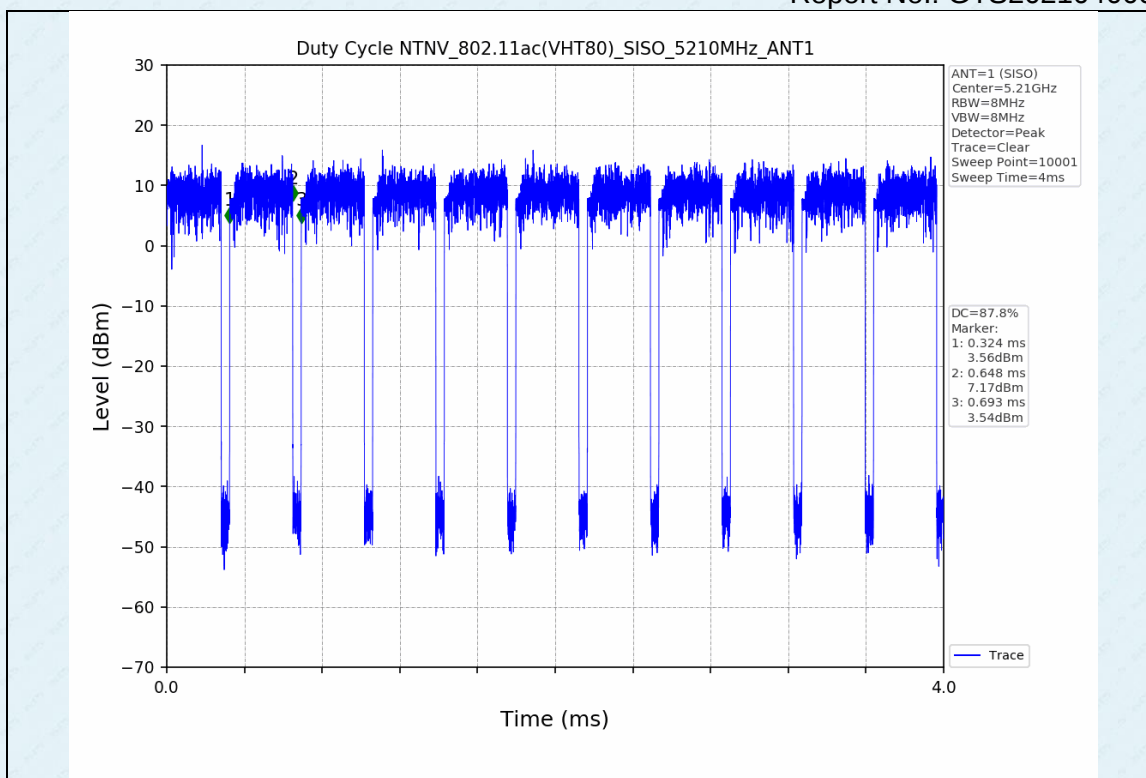
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11ac(VHT20)	5180	SISO	1	1.312	1.357	96.68	0.15
	5200	SISO	1	1.312	1.357	96.68	0.15
	5240	SISO	1	1.312	1.356	96.76	0.14
802.11ac(VHT40)	5190	SISO	1	0.622	0.665	93.53	0.29
	5230	SISO	1	0.621	0.664	93.52	0.29
802.11ac(VHT80)	5210	SISO	1	0.324	0.369	87.80	0.57

1.2 Test Graph









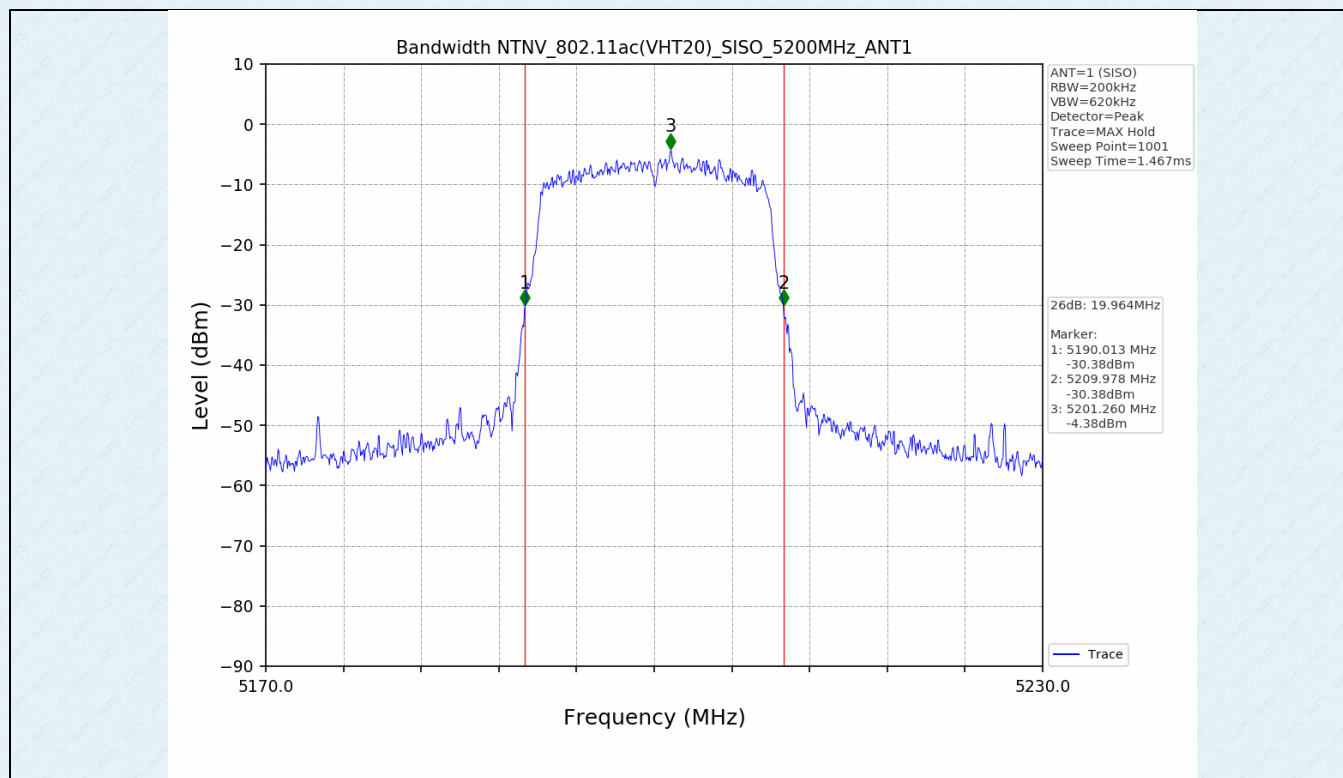
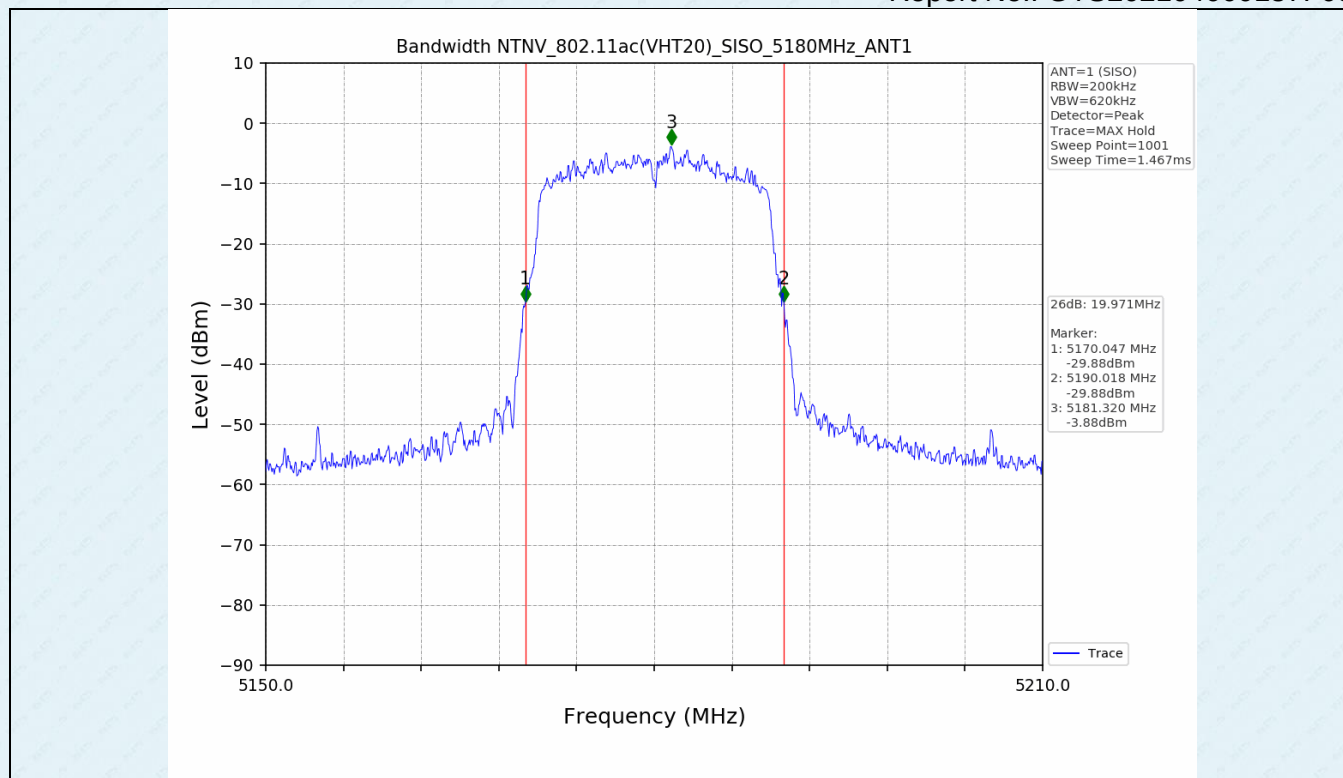
2. Bandwidth

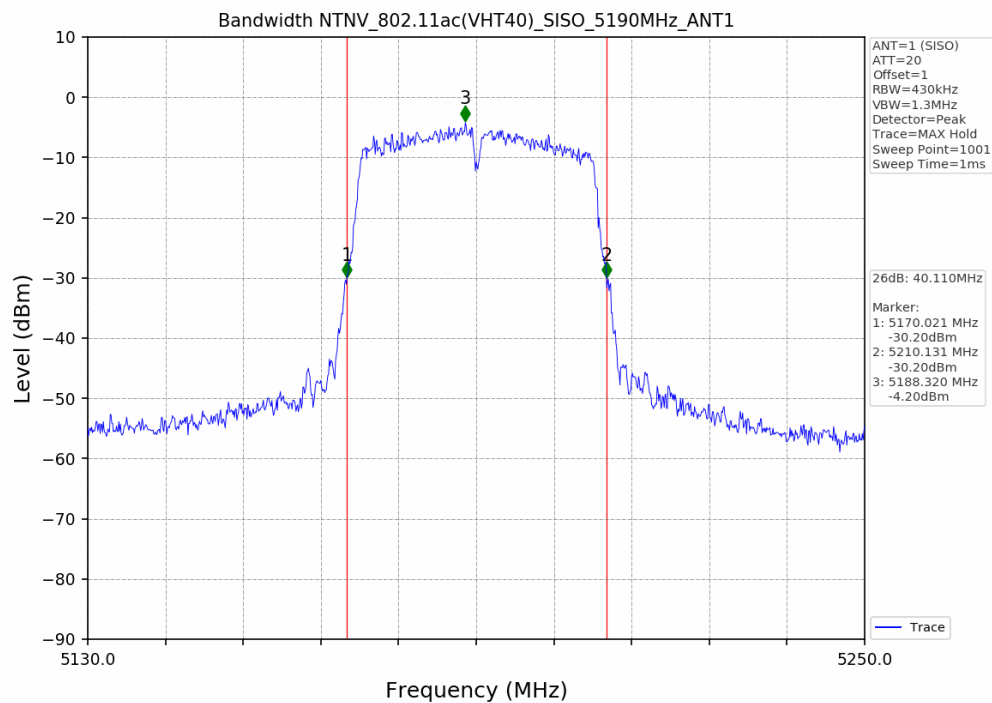
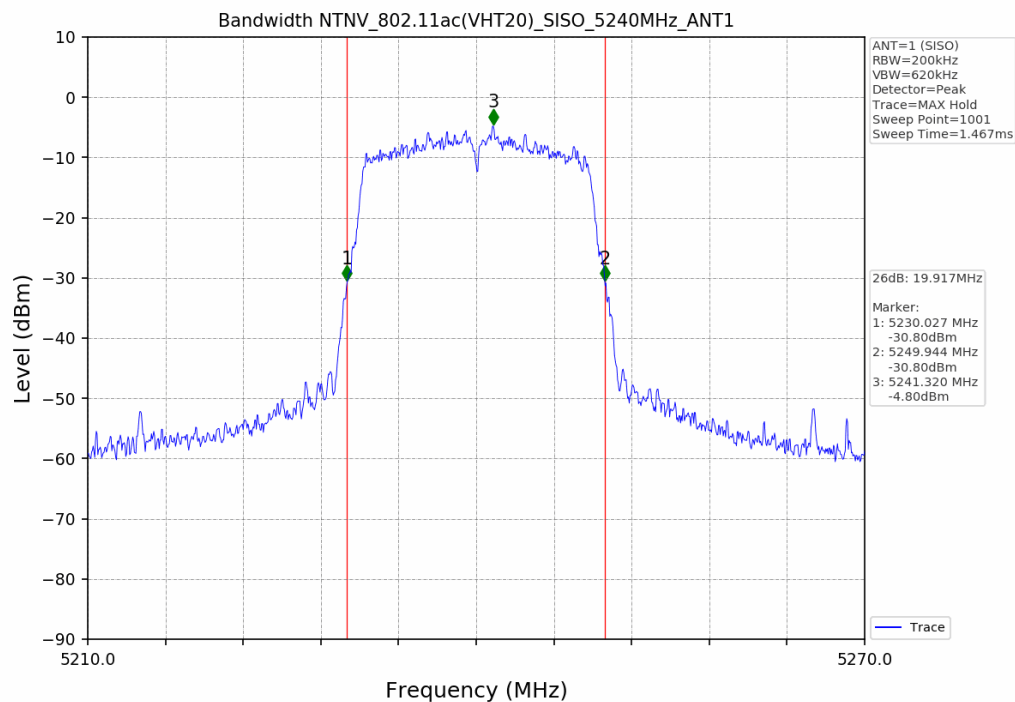
2.1 Test Result

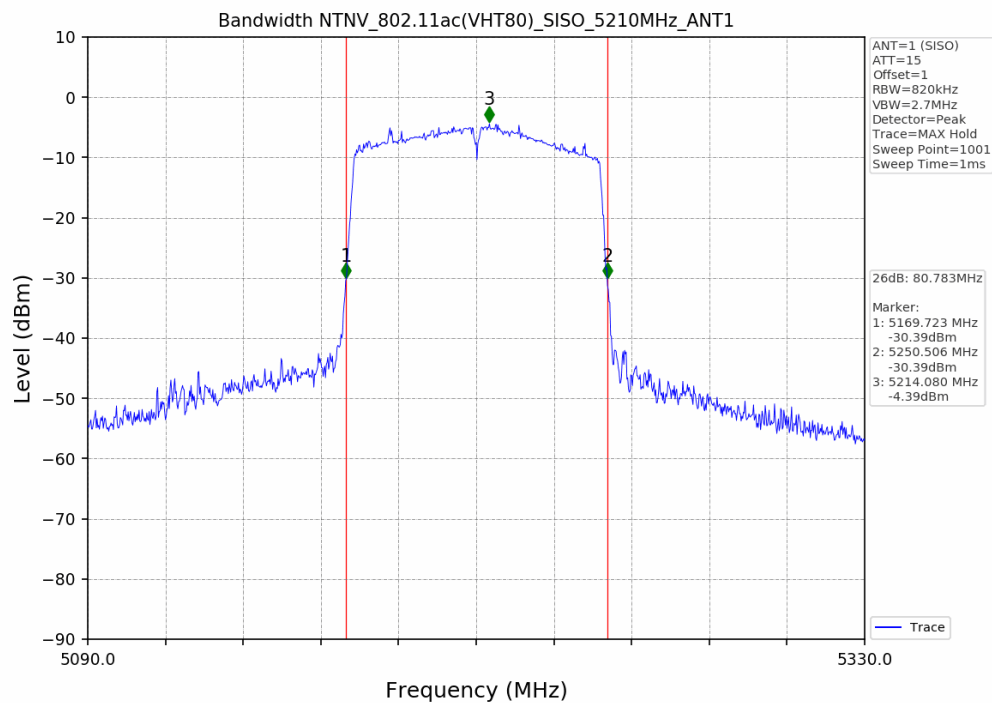
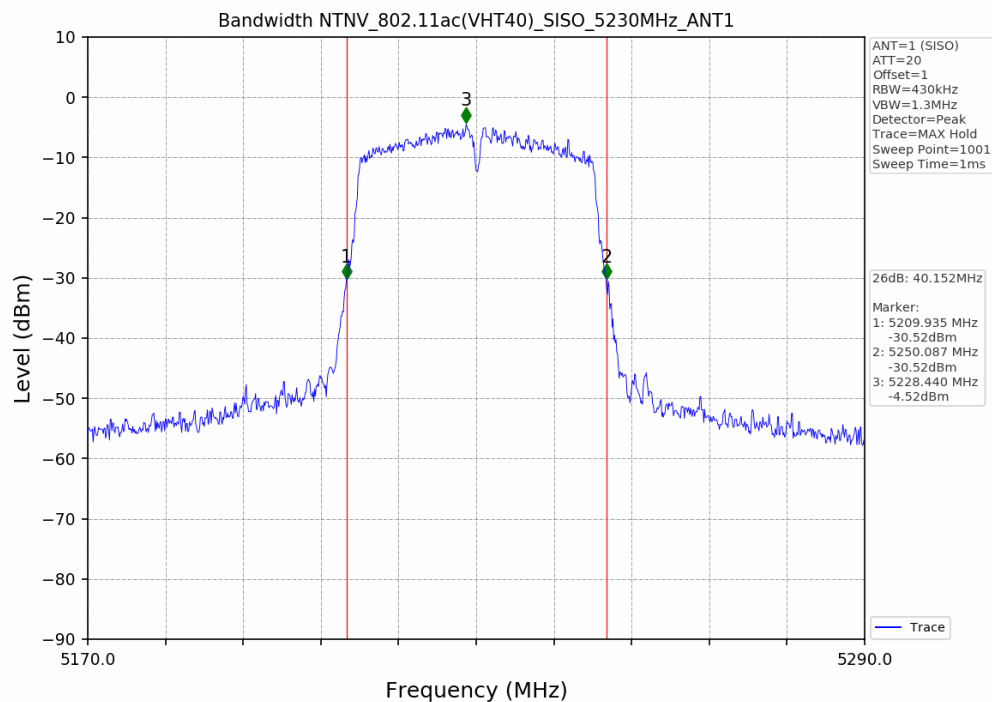
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5180	SISO	1	19.971	Only for Report Use	PASS
	5200	SISO	1	19.964	Only for Report Use	PASS
	5240	SISO	1	19.917	Only for Report Use	PASS
802.11ac(VHT40)	5190	SISO	1	40.110	Only for Report Use	PASS
	5230	SISO	1	40.152	Only for Report Use	PASS
802.11ac(VHT80)	5210	SISO	1	80.783	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11ac(VHT20)	5180	SISO	1	17.650	Only for Report Use
	5200	SISO	1	17.655	Only for Report Use
	5240	SISO	1	17.653	Only for Report Use
802.11ac(VHT40)	5190	SISO	1	36.207	Only for Report Use
	5230	SISO	1	36.233	Only for Report Use
802.11ac(VHT80)	5210	SISO	1	75.069	Only for Report Use

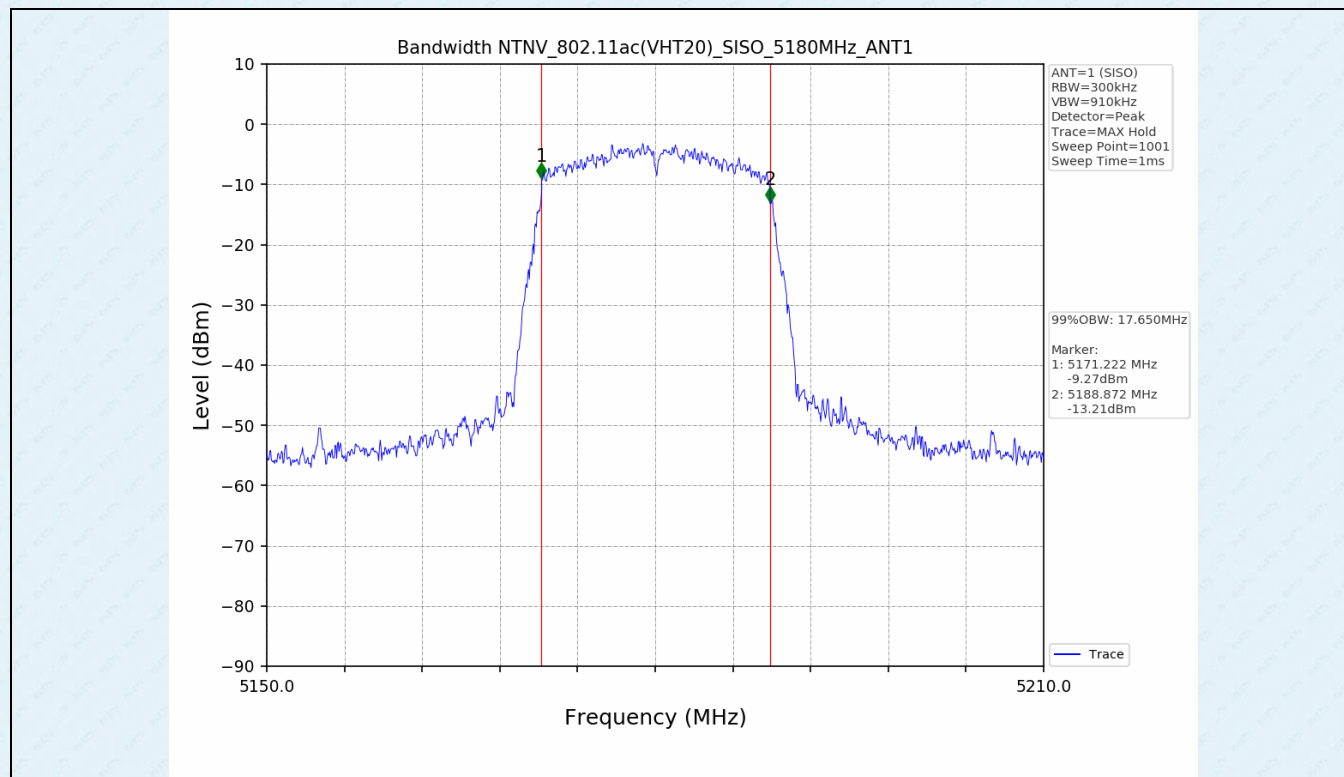
2.2 Test Graph - Emission Bandwidth

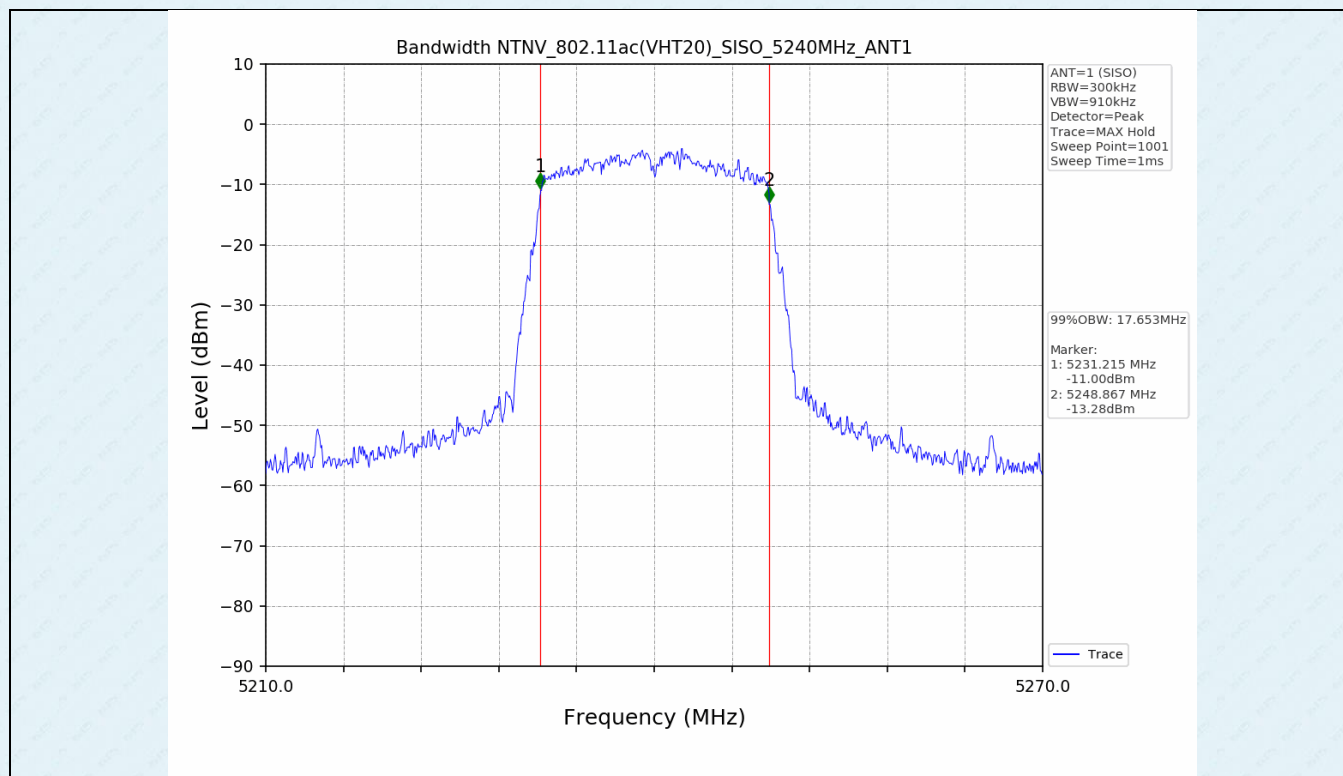
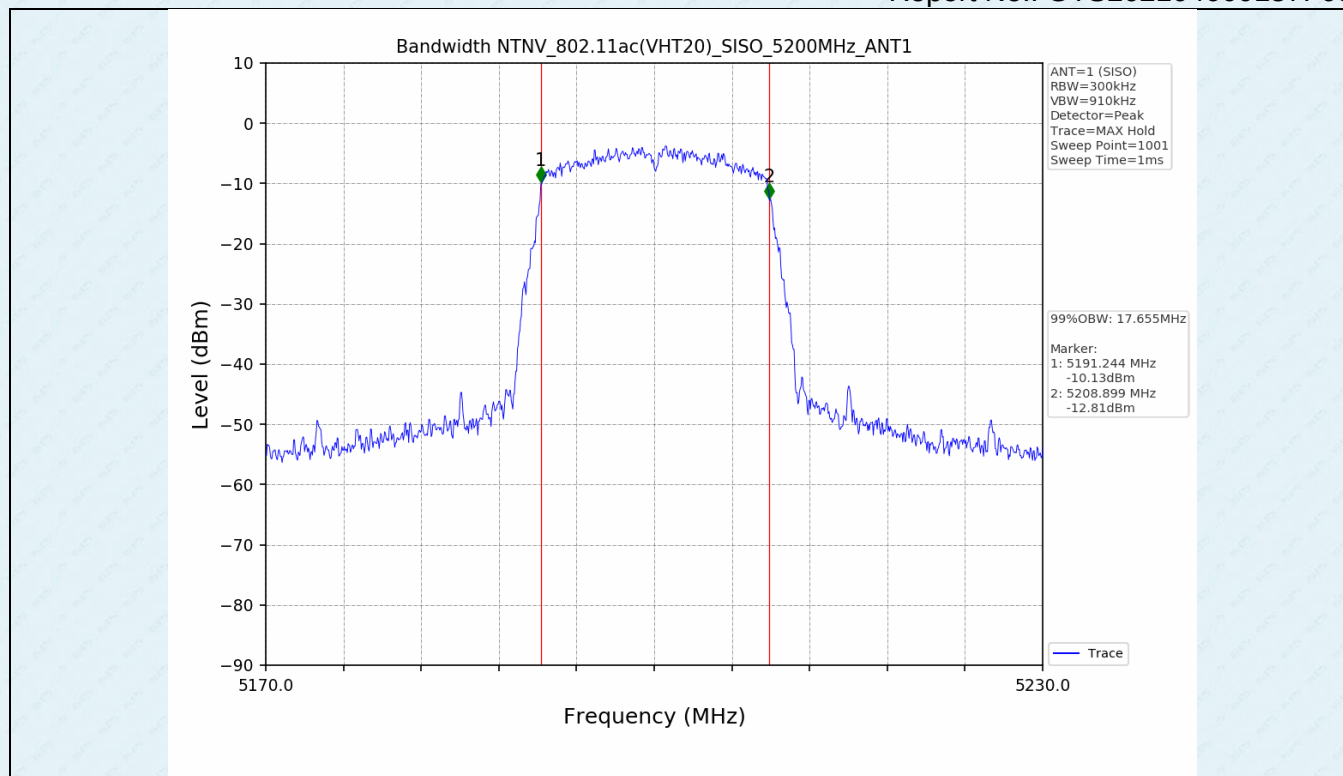


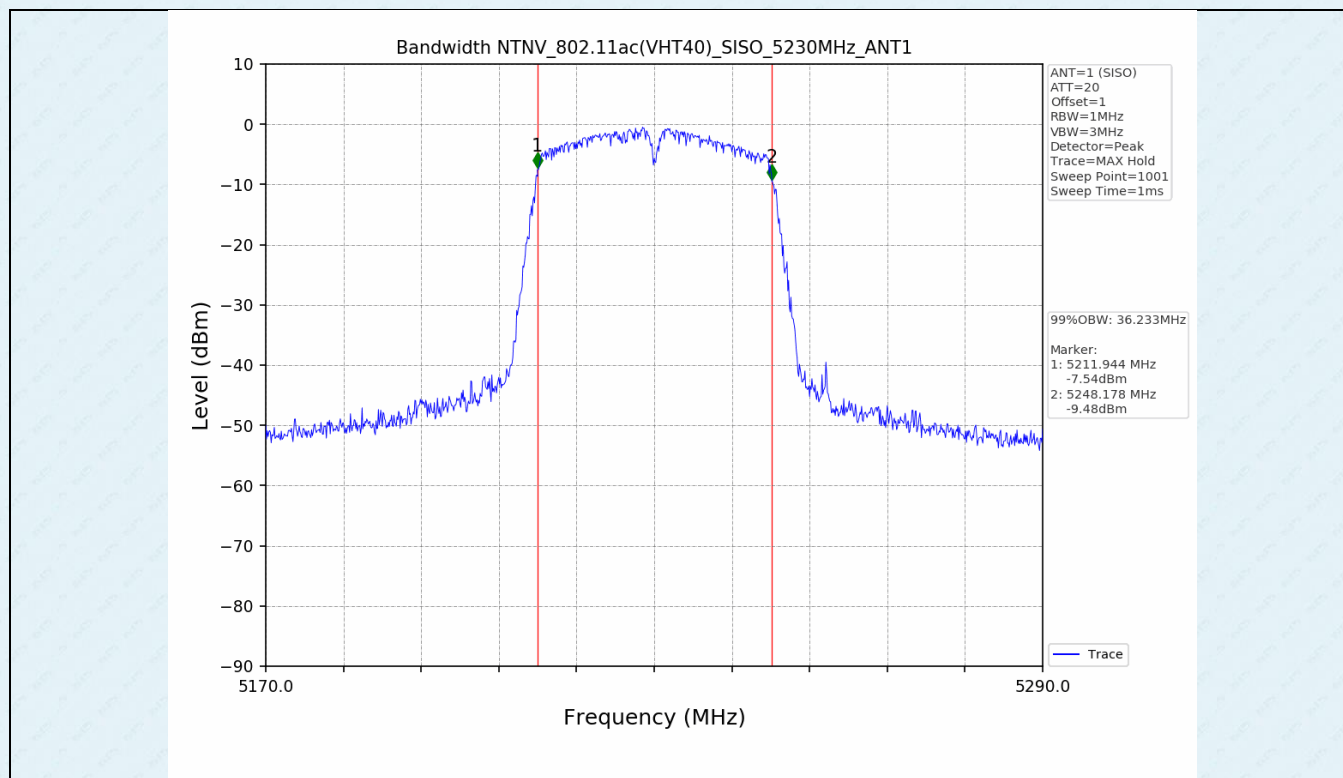
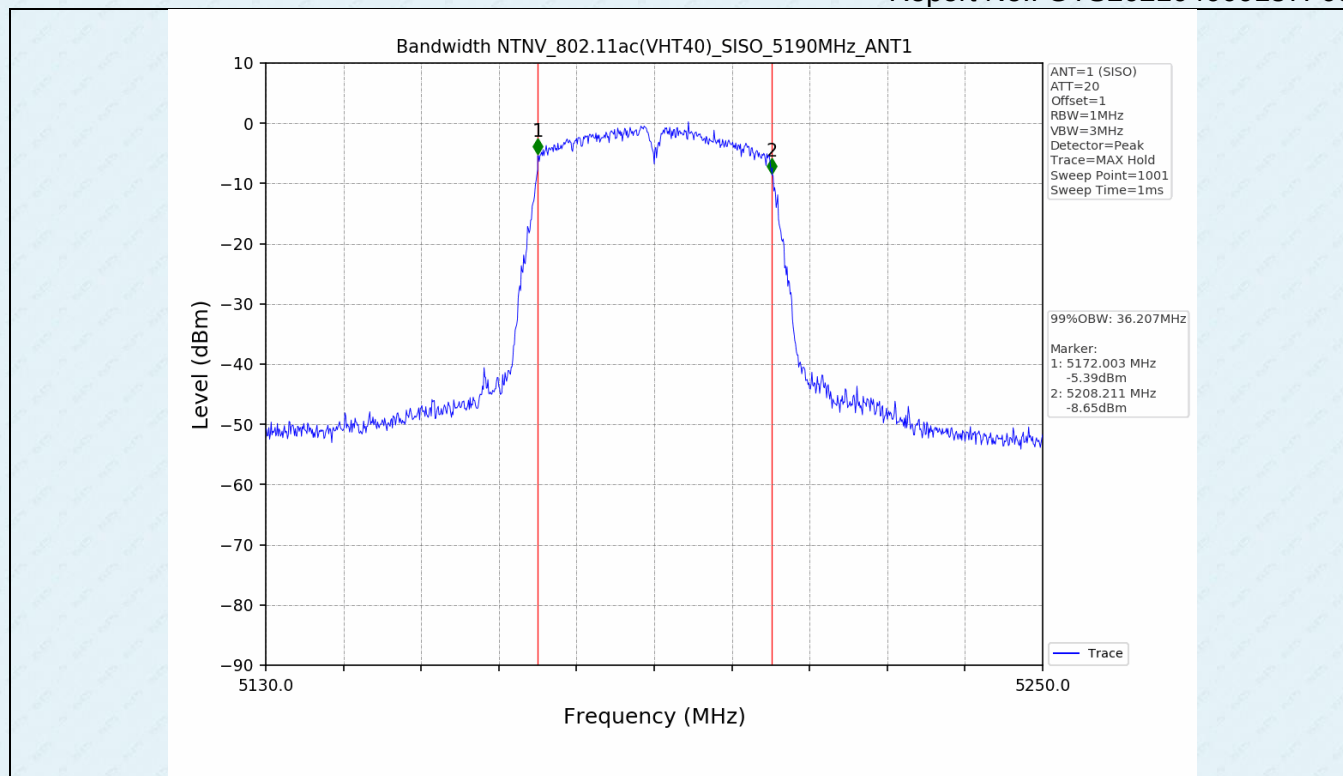


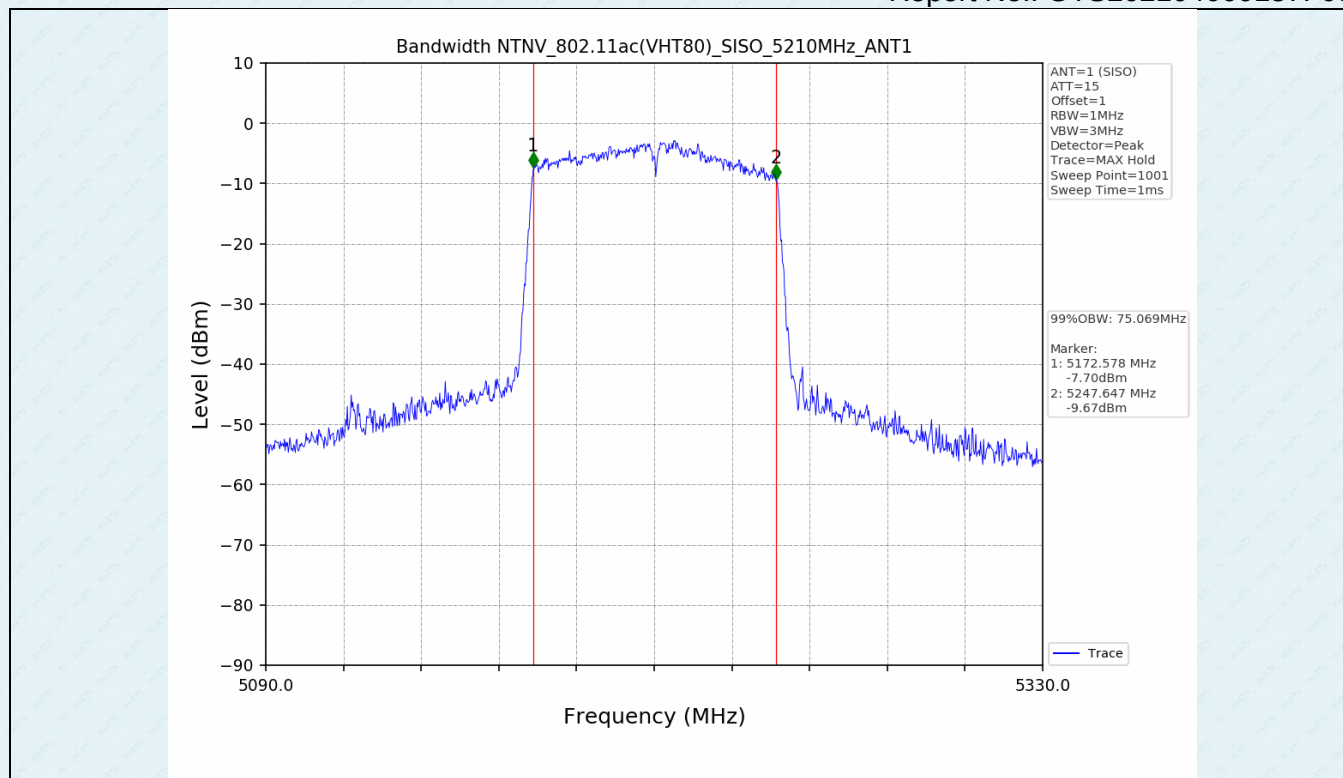


2.3 Test Graph - 99% Occupied Bandwidth









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)	5180	SISO	5.14	≤23.98	PASS
	5200	SISO	4.91	≤23.98	PASS
	5240	SISO	4.30	≤23.98	PASS
802.11ac(VHT40)	5190	SISO	5.26	≤23.98	PASS
	5230	SISO	4.48	≤23.98	PASS
802.11ac(VHT80)	5210	SISO	4.50	≤23.98	PASS

Test Mode	Frequency (MHz)	Tx Type	EIRP (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5180	SISO	5.33	≤22.47	PASS
	5200	SISO	5.1	≤22.47	PASS
	5240	SISO	4.49	≤22.47	PASS
802.11ac(VHT40)	5190	SISO	5.45	≤23.01	PASS
	5230	SISO	4.67	≤23.01	PASS
802.11ac(VHT80)	5210	SISO	4.69	≤23.01	PASS

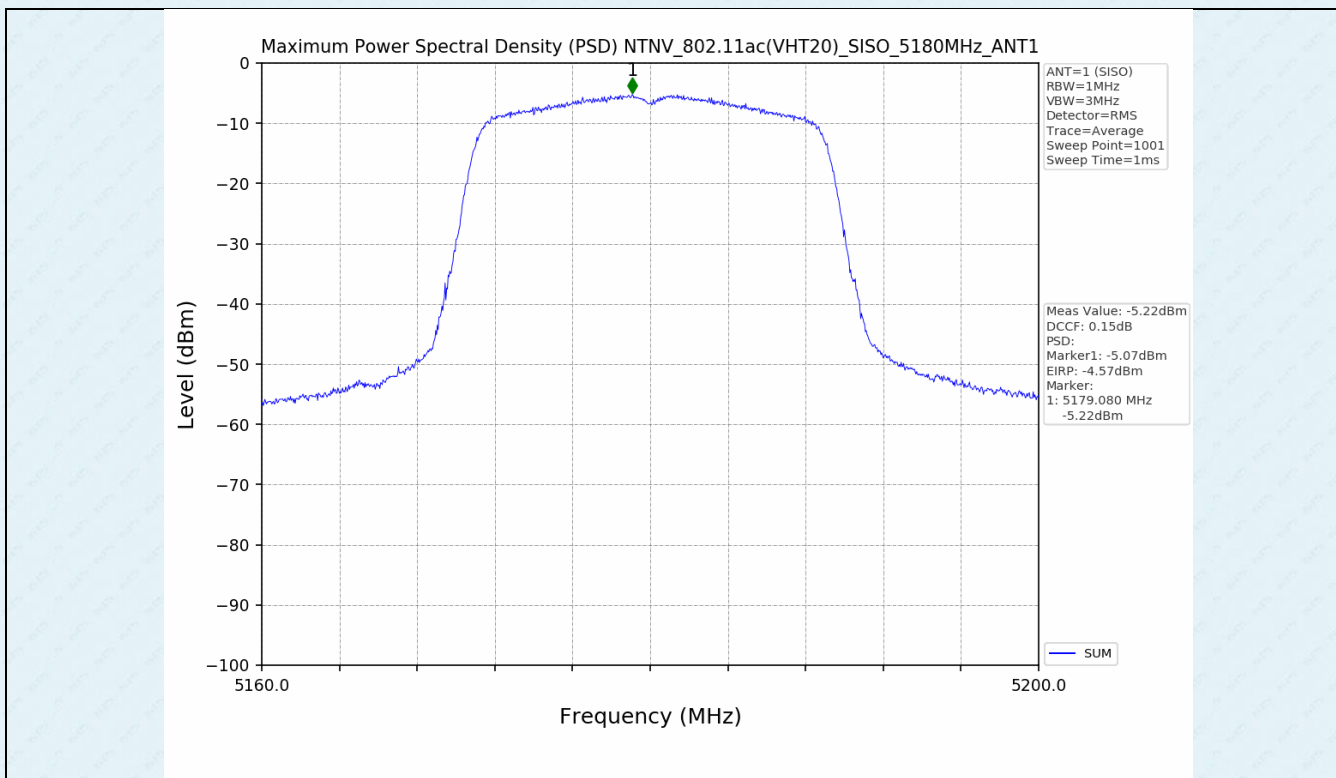
4. Maximum Power Spectral Density (PSD)

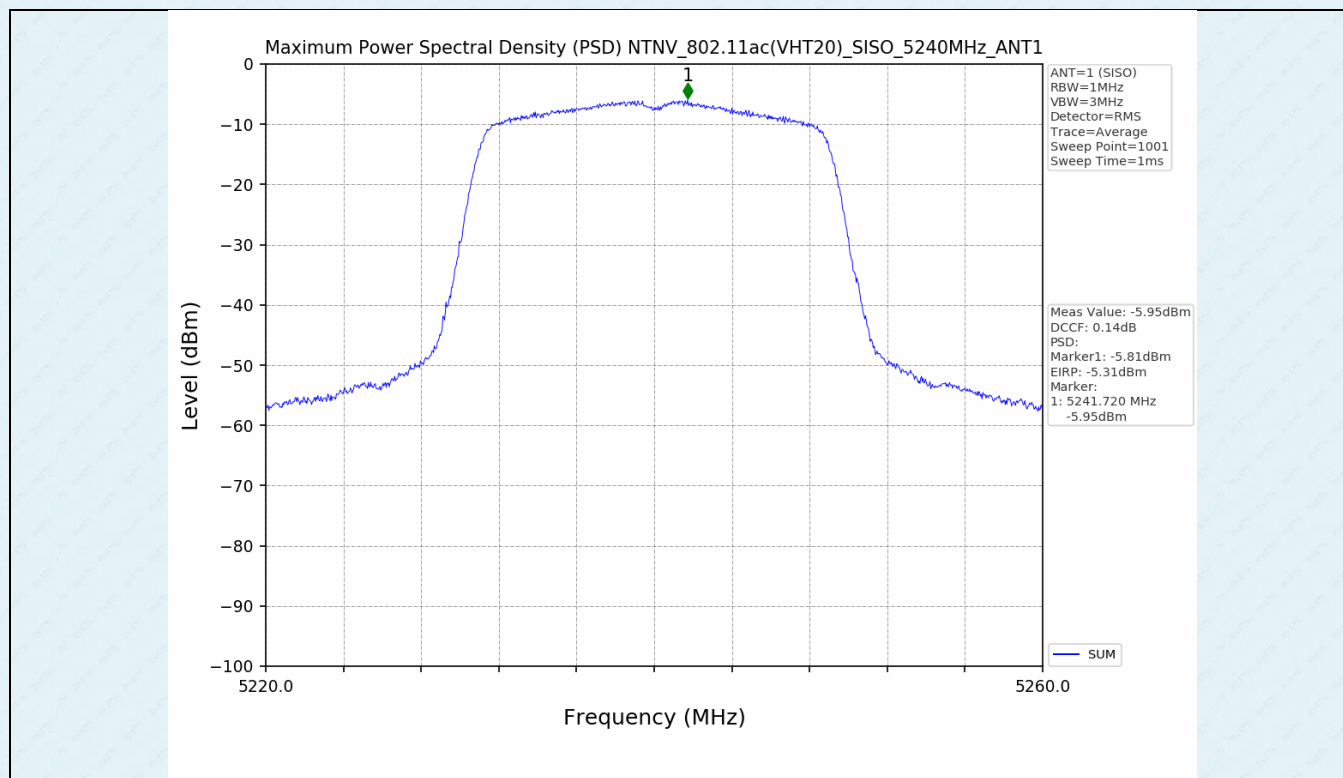
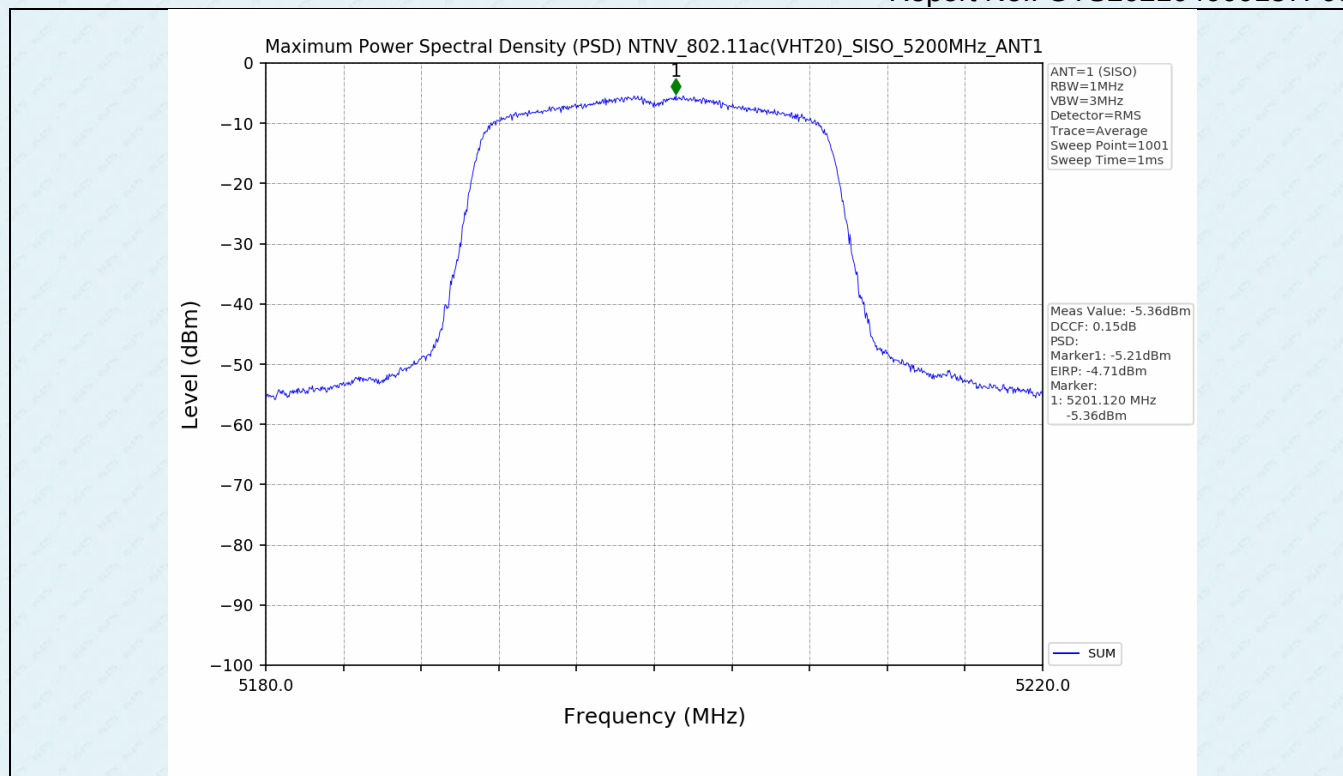
4.1 Test Result

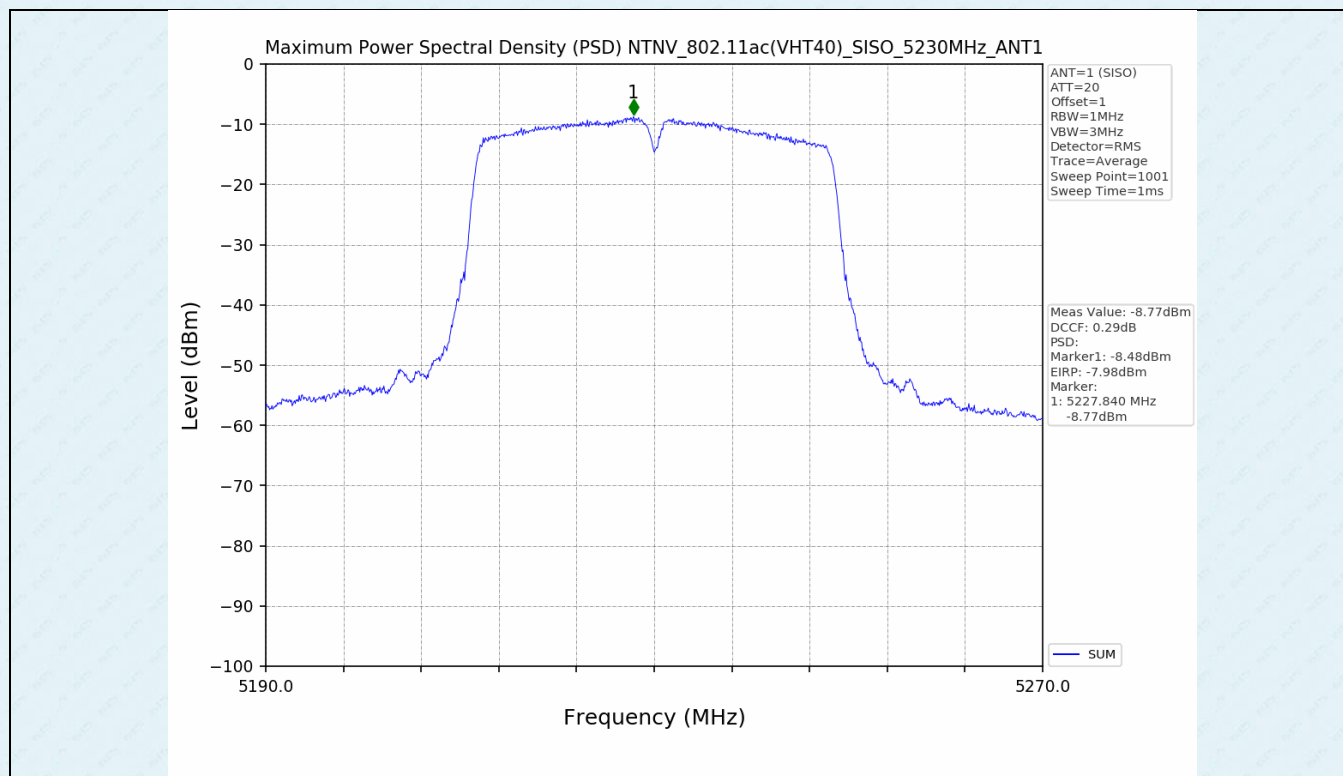
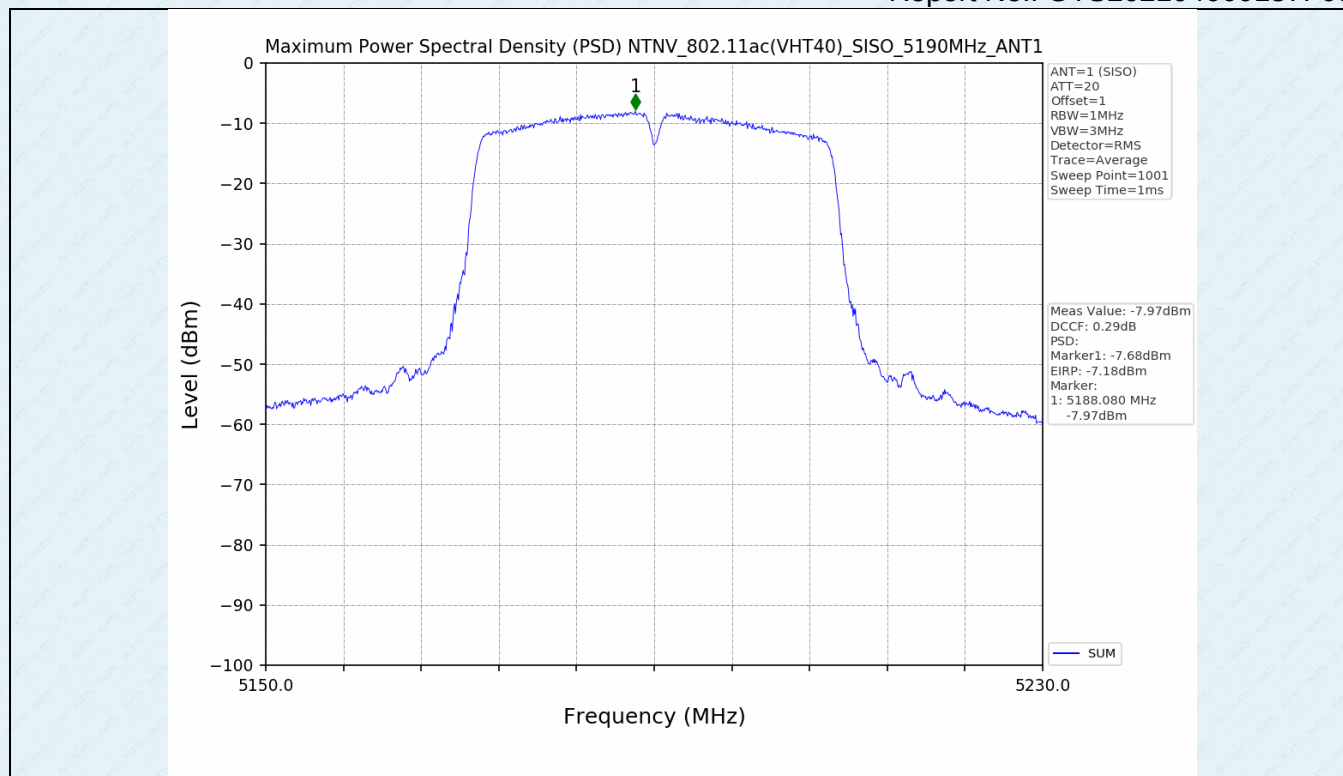
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11ac(VHT20)	5180	SISO	-5.07	≤11	PASS
	5200	SISO	-5.21	≤11	PASS
	5240	SISO	-5.81	≤11	PASS
802.11ac(VHT40)	5190	SISO	-7.68	≤11	PASS
	5230	SISO	-8.48	≤11	PASS
802.11ac(VHT80)	5210	SISO	-10.85	≤11	PASS

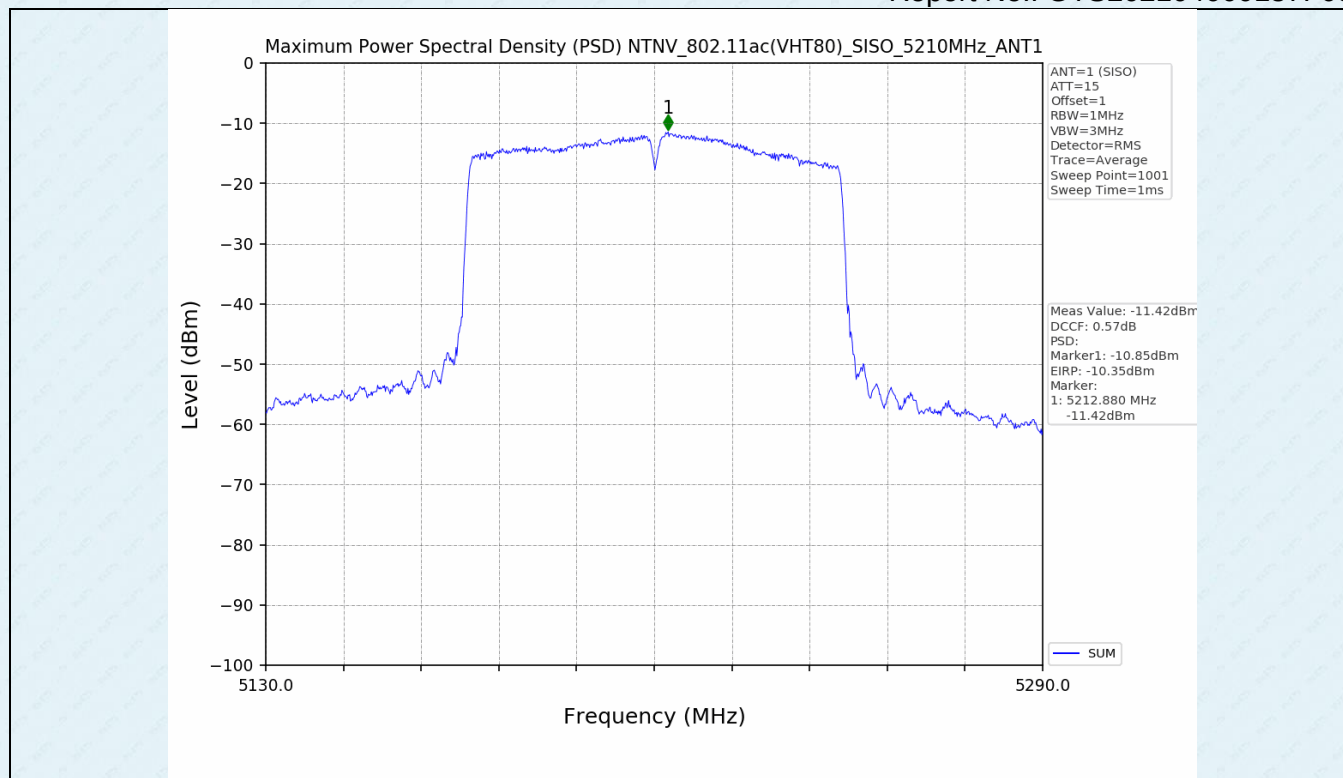
Test Mode	Frequency (MHz)	Tx Type	EIRP (dBm/MHz)	Limits (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5180	SISO	-4.88	≤10	PASS
	5200	SISO	-5.02	≤10	PASS
	5240	SISO	-5.62	≤10	PASS
802.11ac(VHT40)	5190	SISO	-7.49	≤10	PASS
	5230	SISO	-8.29	≤10	PASS
802.11ac(VHT80)	5210	SISO	-10.66	≤10	PASS

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	802.11ac	5180	1	3.86	<=20	PASS
		5190	1	0	<=20	PASS
		5200	1	0	<=20	PASS
		5210	1	-3.71	<=20	PASS
		5230	1	0	<=20	PASS
		5240	1	0	<=20	PASS