

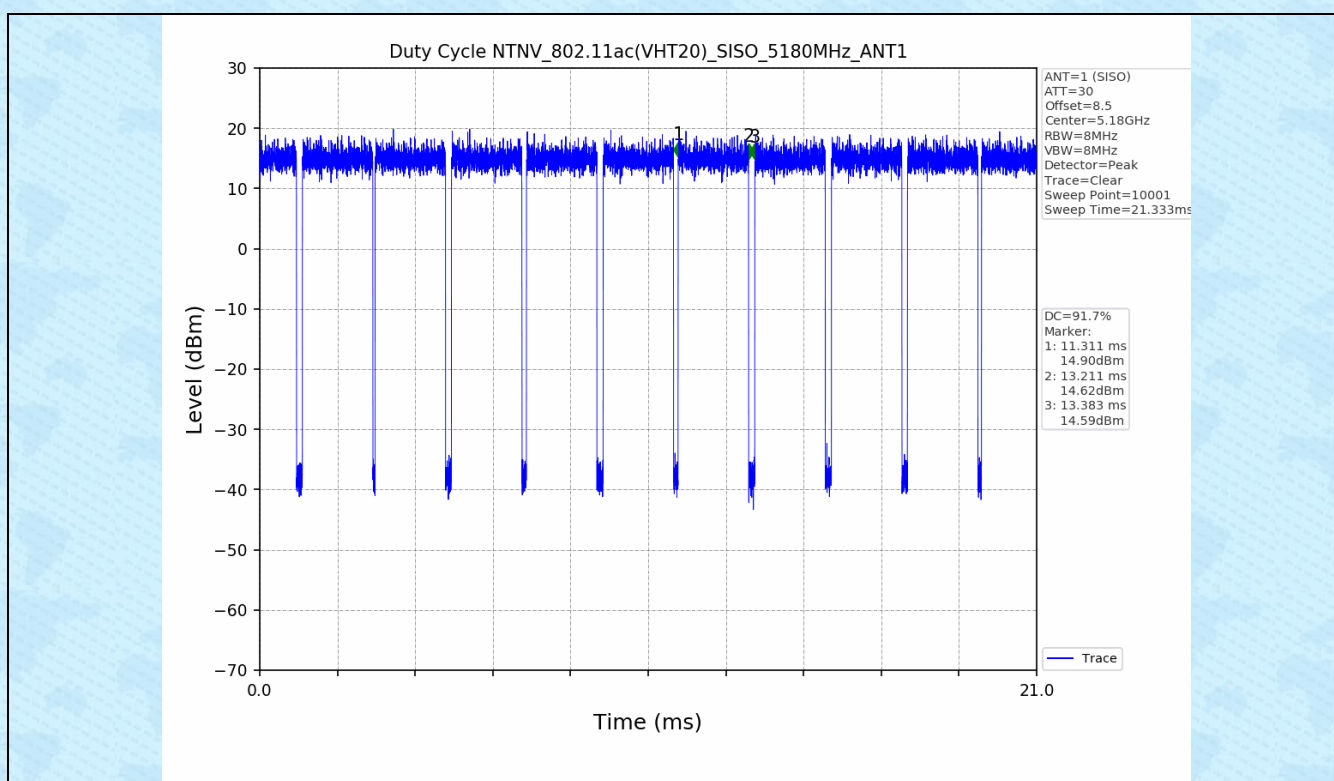
Appendix for 15.407

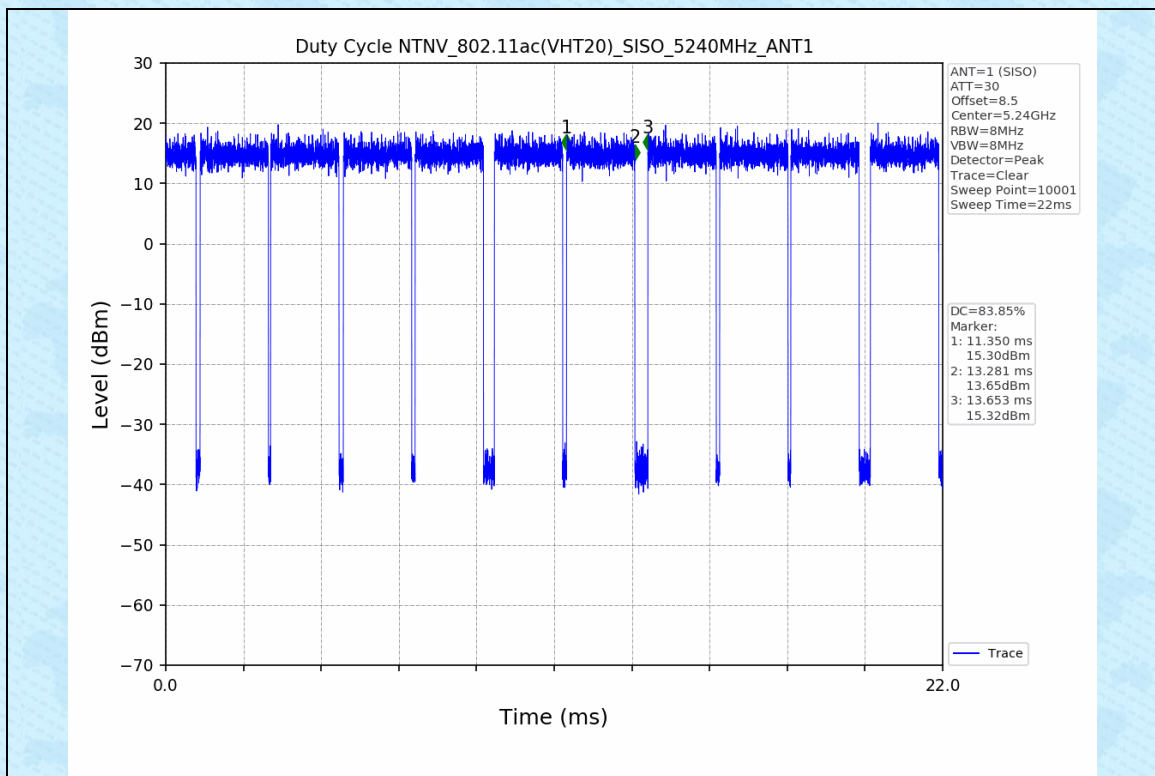
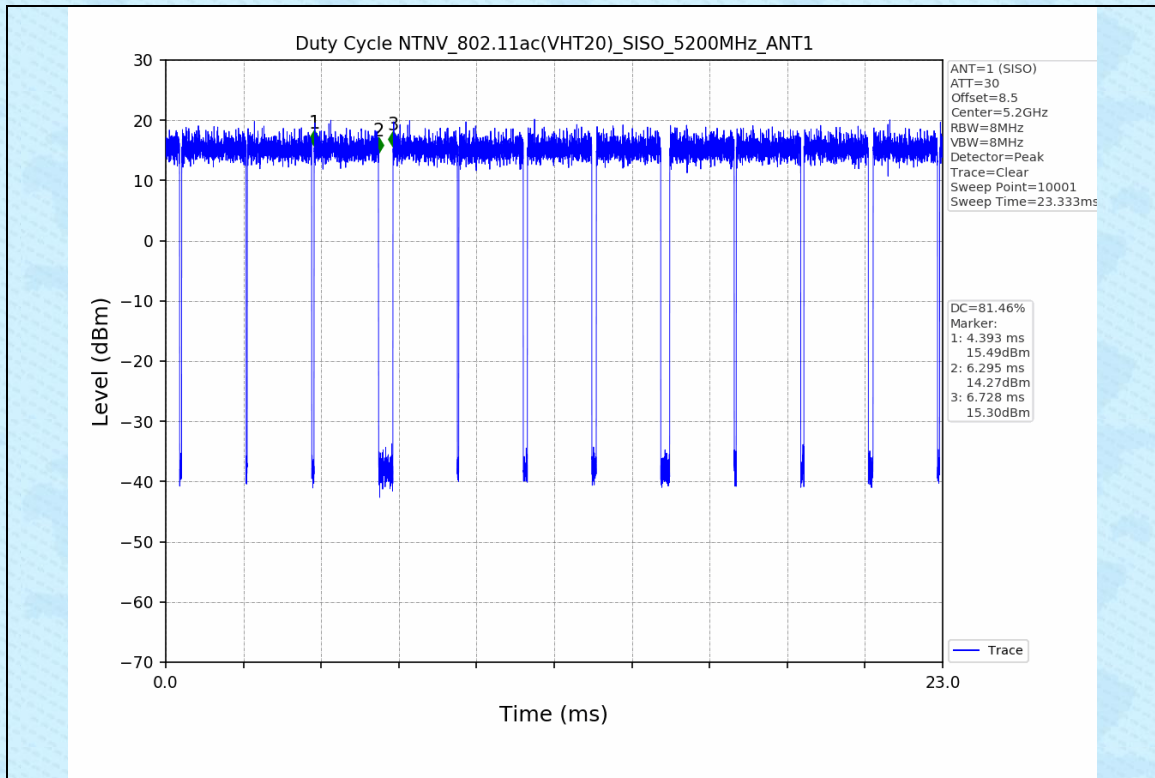
1. Duty Cycle

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	ANT1	1.900	2.072	91.70	0.38
	5200	SISO	ANT1	1.902	2.335	81.46	0.89
	5240	SISO	ANT1	1.931	2.303	83.85	0.76

1.2 Test Graph





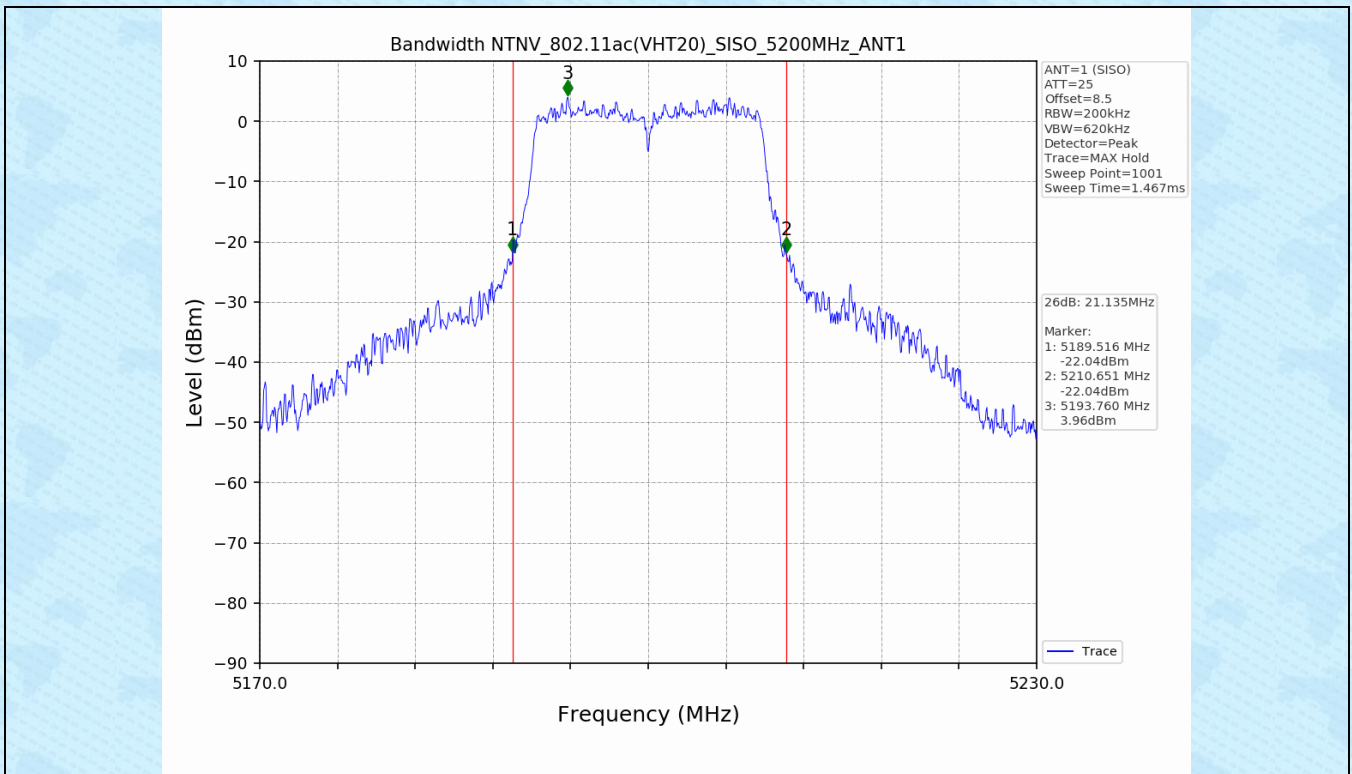
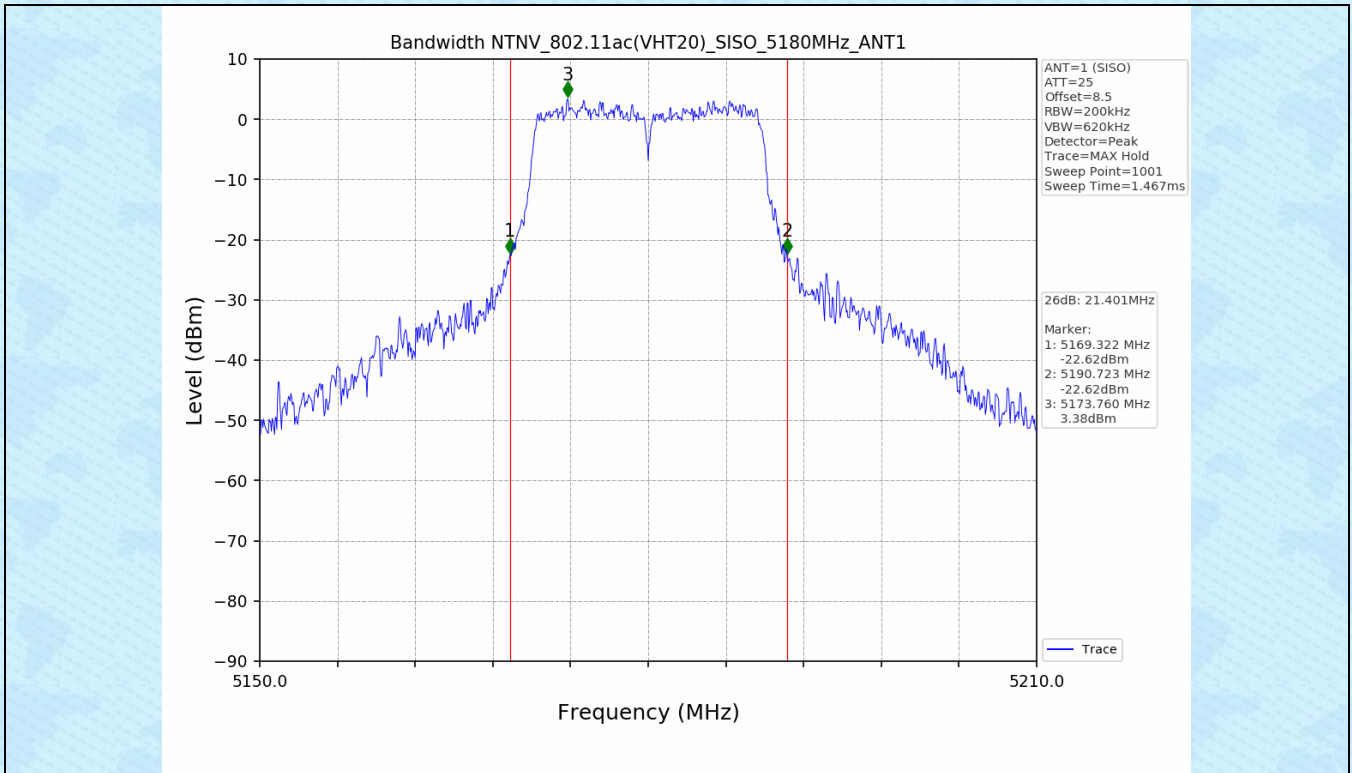
2. Bandwidth

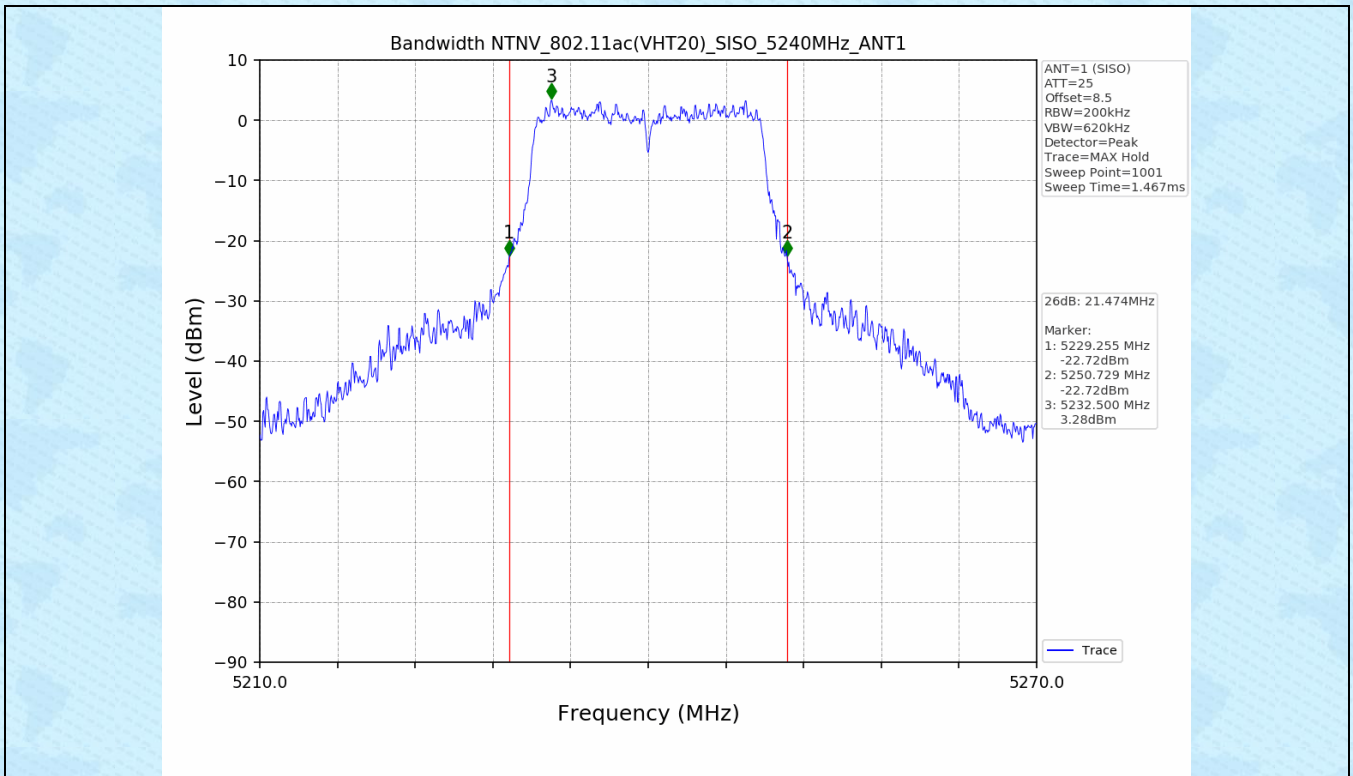
2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5180	SISO	ANT1	21.401	Only for Report Use	PASS
	5200	SISO	ANT1	21.135	Only for Report Use	PASS
	5240	SISO	ANT1	21.474	Only for Report Use	PASS

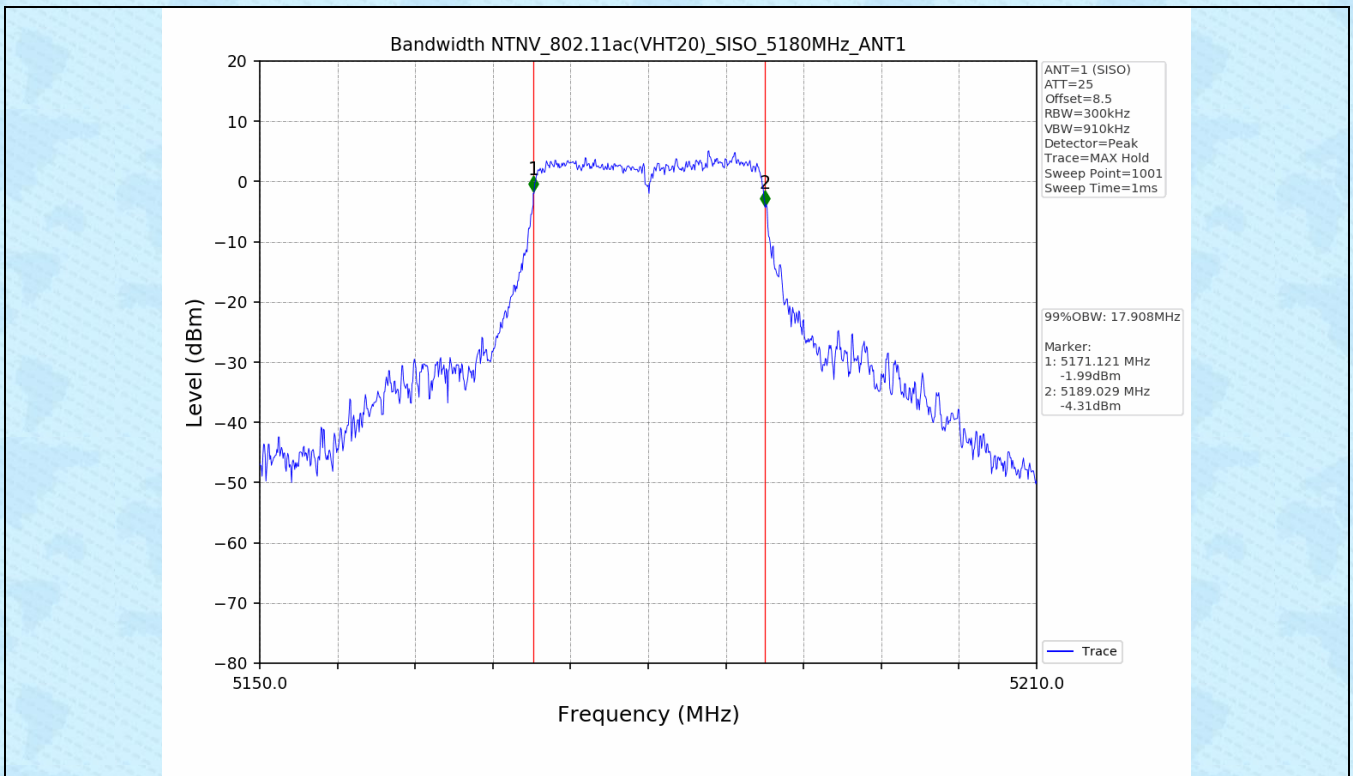
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11ac(VHT20)	5180	SISO	ANT1	17.908	Only for Report Use
	5200	SISO	ANT1	17.907	Only for Report Use
	5240	SISO	ANT1	17.948	Only for Report Use

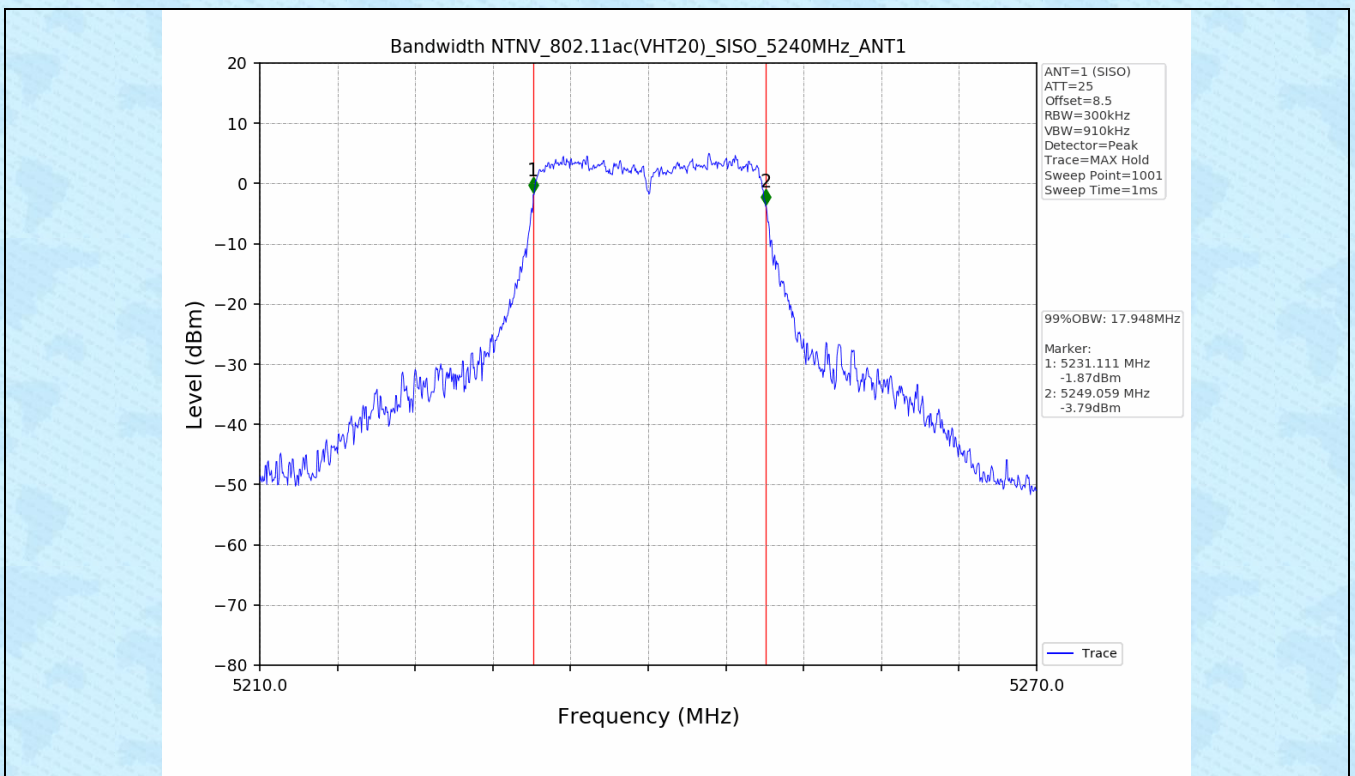
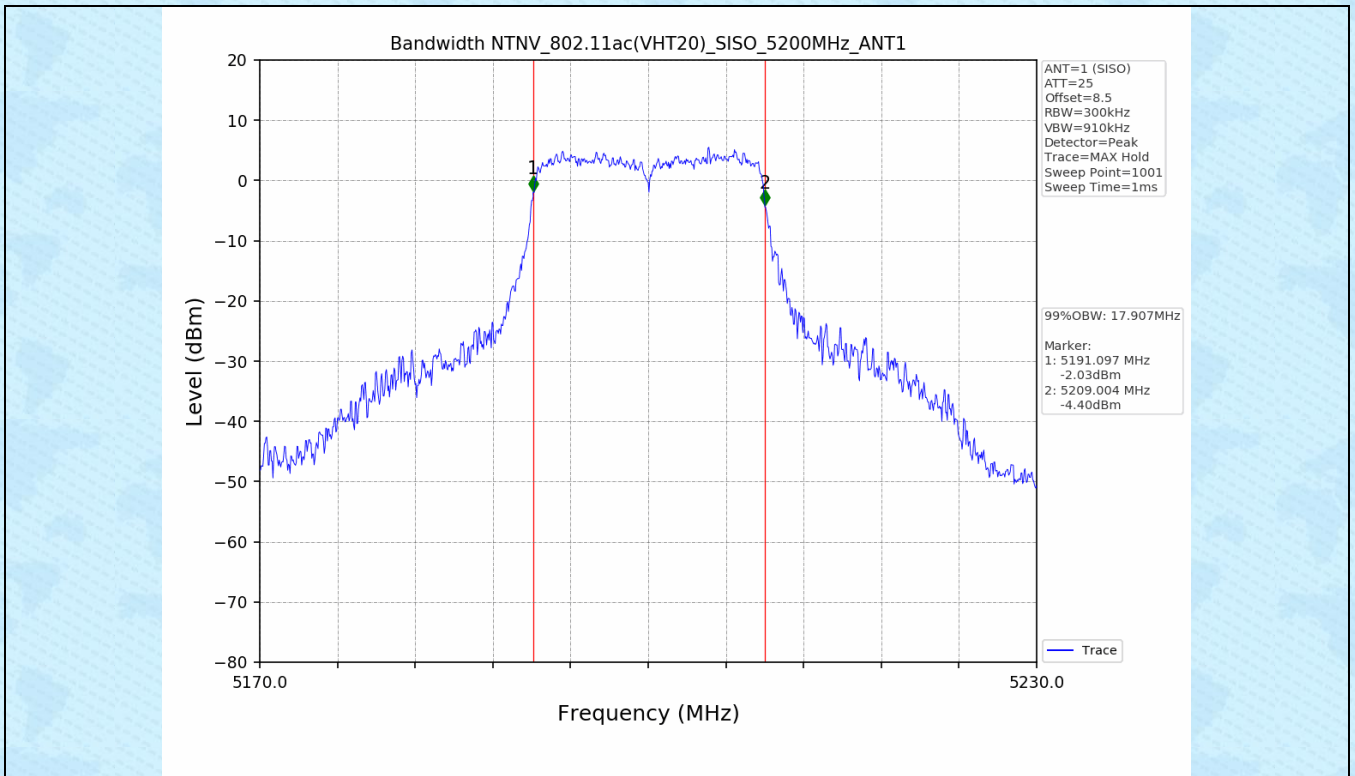
2.2 Test Graph - Emission Bandwidth





2.3 Test Graph - 99% Occupied Bandwidth





3. Maximum Conducted Output Power

3.1 Test Result

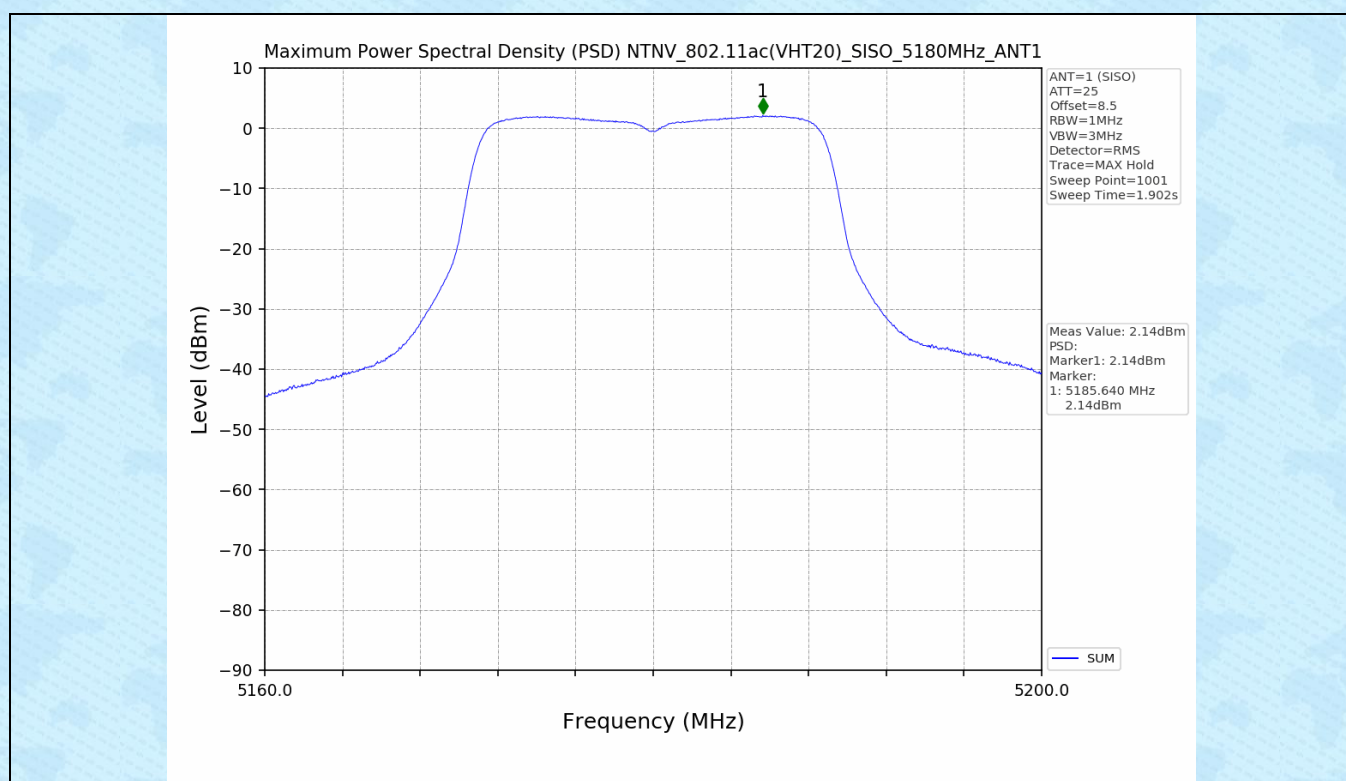
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Duty Factor	Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1				
802.11ac(VHT20)	5180	SISO	13.13	0.38	13.51	≤30.00	PASS
	5200	SISO	12.91	0.89	13.80	≤30.00	PASS
	5240	SISO	12.67	0.76	13.43	≤30.00	PASS

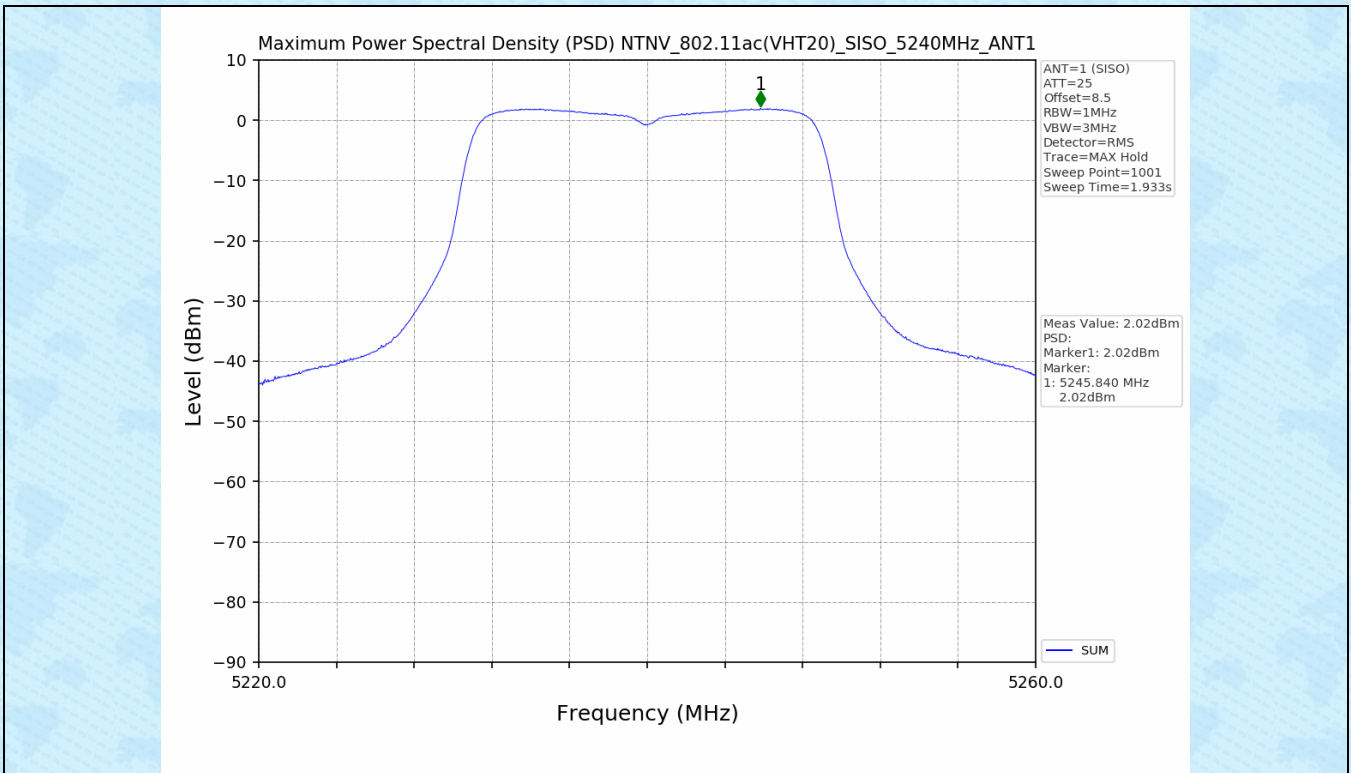
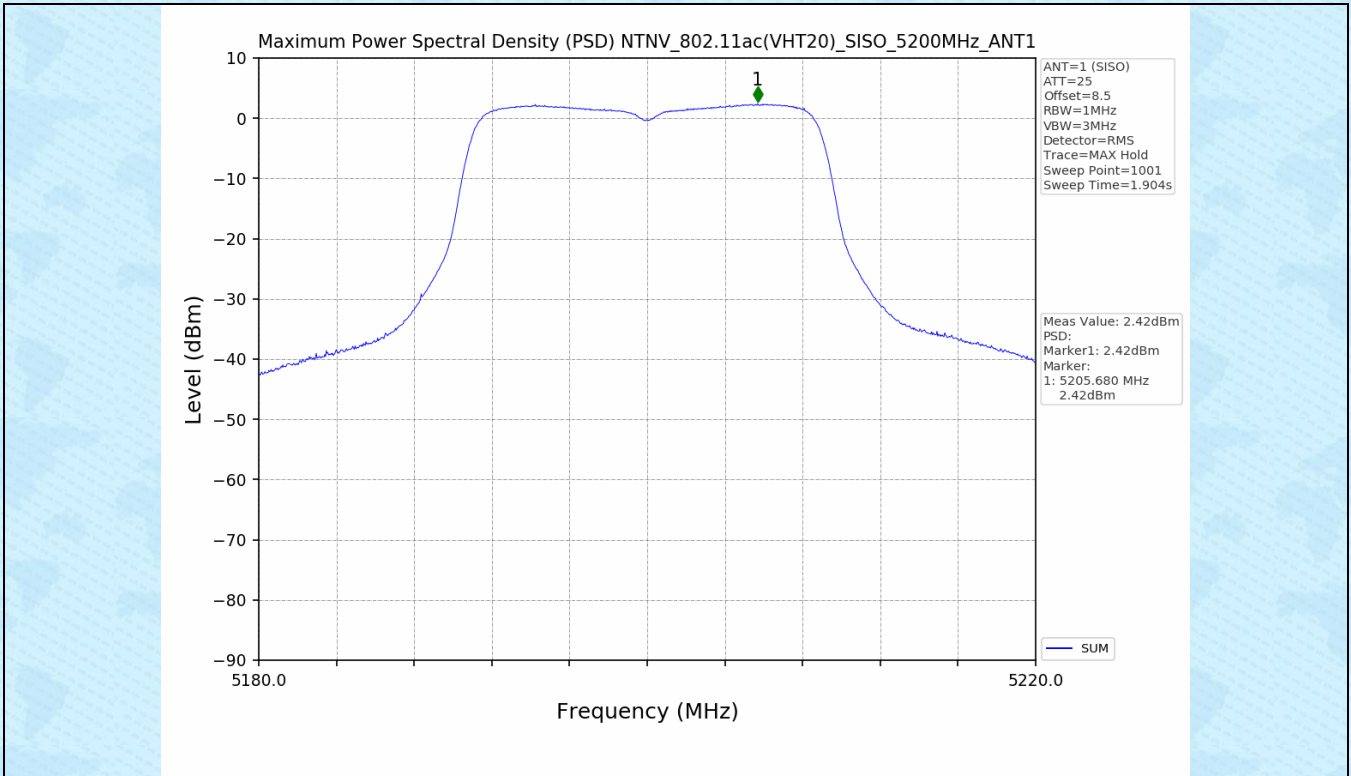
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Duty Factor	Total Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1				
802.11ac(VHT20)	5180	SISO	2.14	0.38	2.52	≤17	PASS
	5200	SISO	2.42	0.89	3.31	≤17	PASS
	5240	SISO	2.02	0.76	2.78	≤17	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	-0.58	≤ 20	PASS
		5200	1	-0.58	≤ 20	PASS
		5240	1	-0.38	≤ 20	PASS

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