

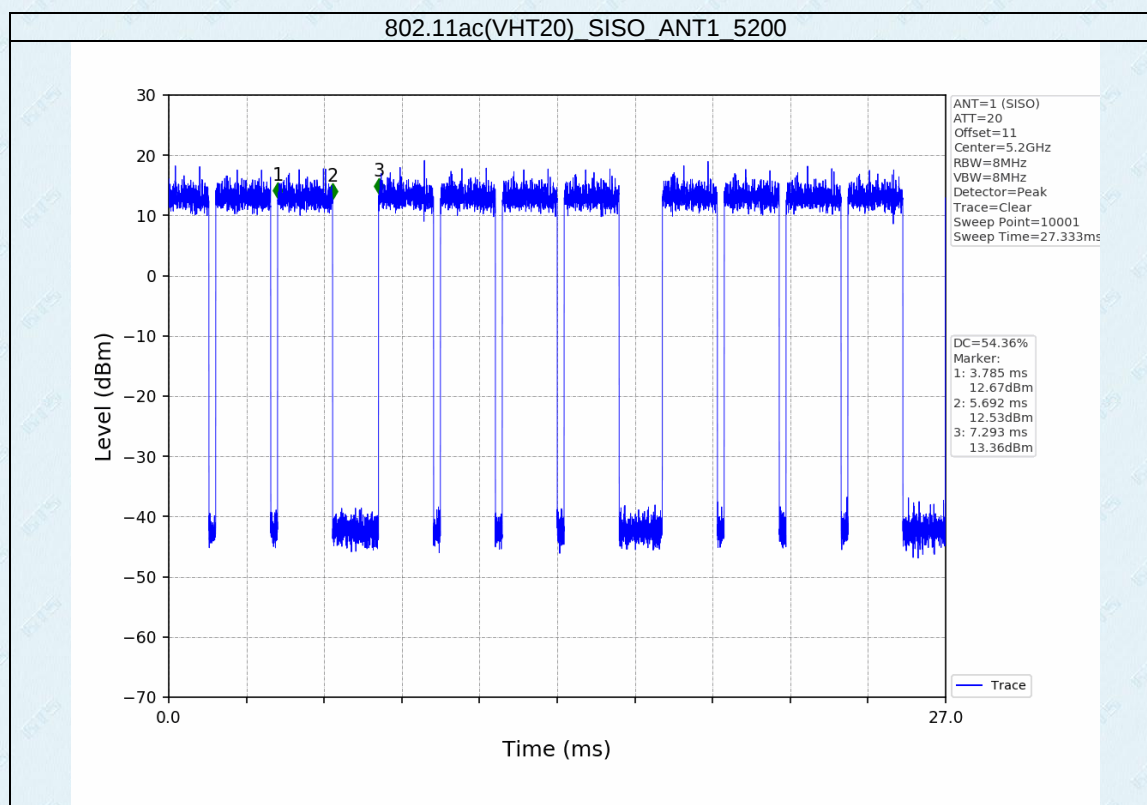
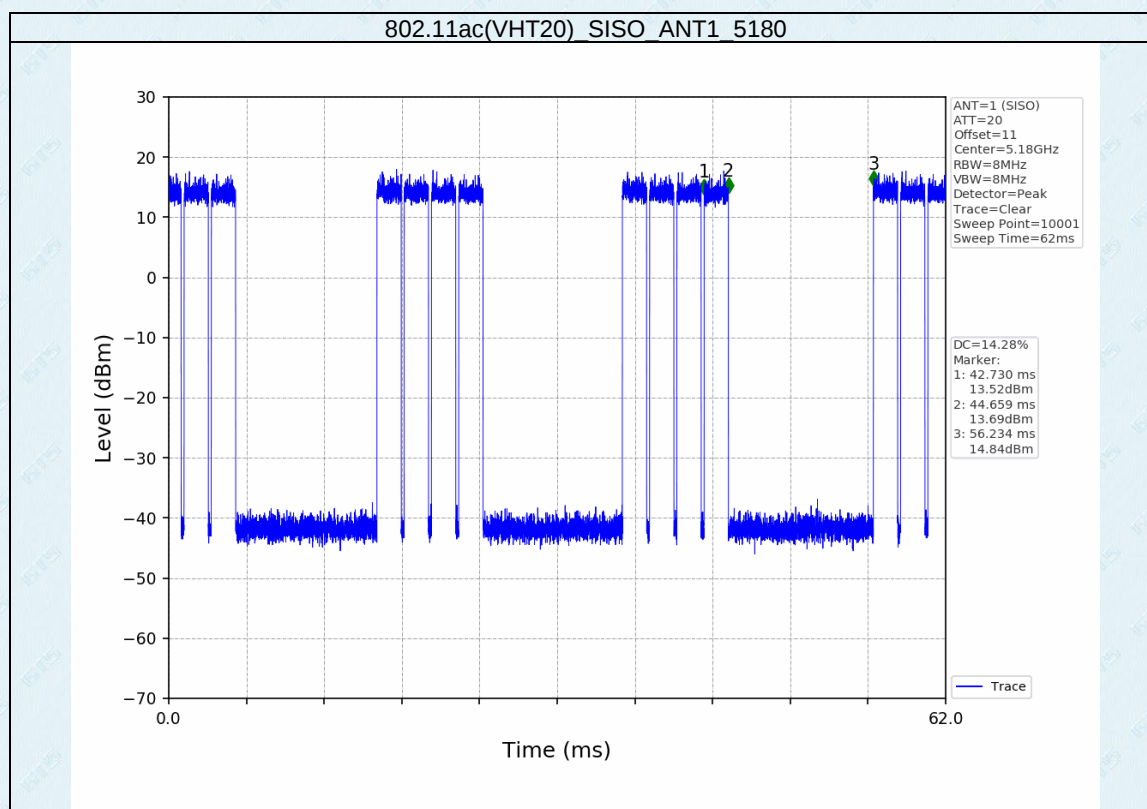
Appendix for 15.407

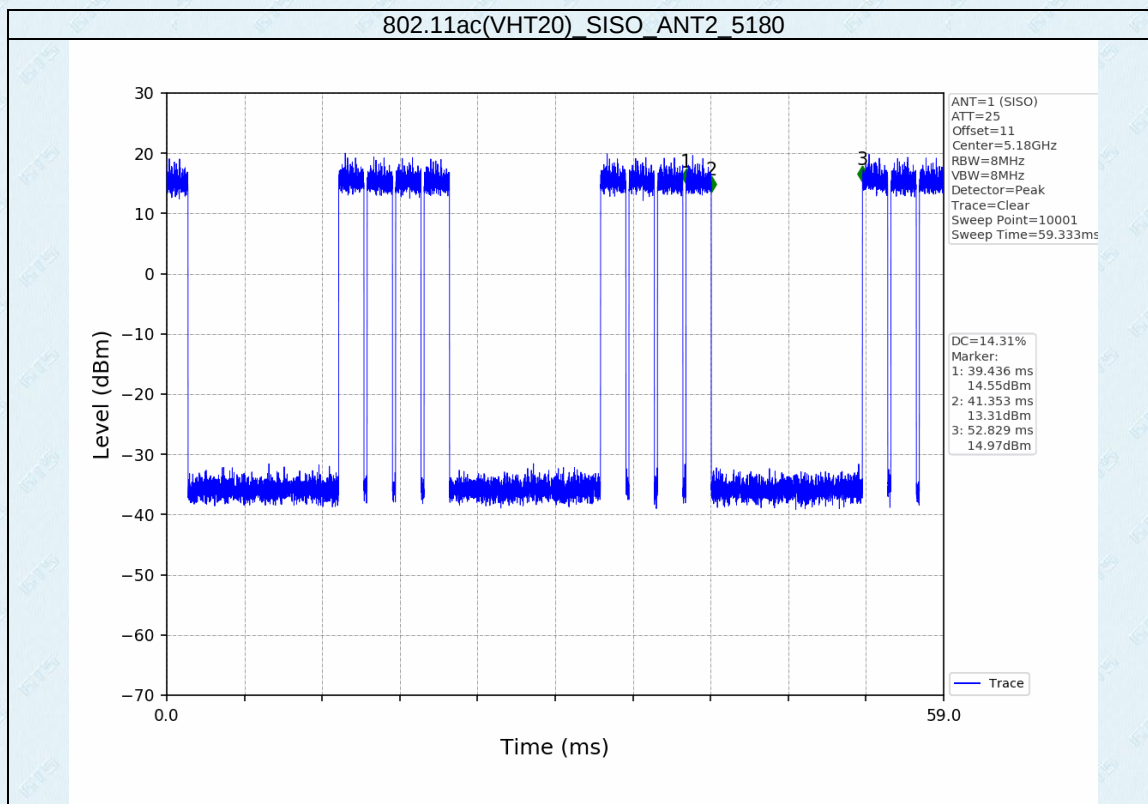
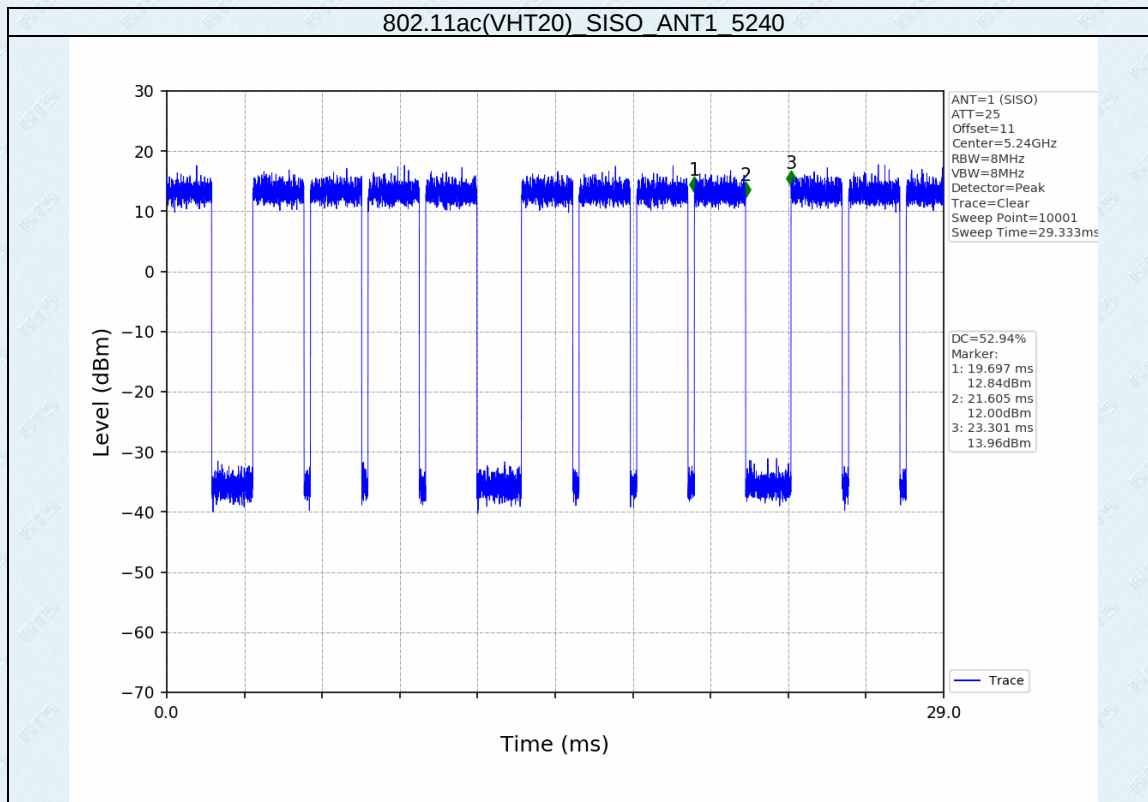
1. Duty Cycle

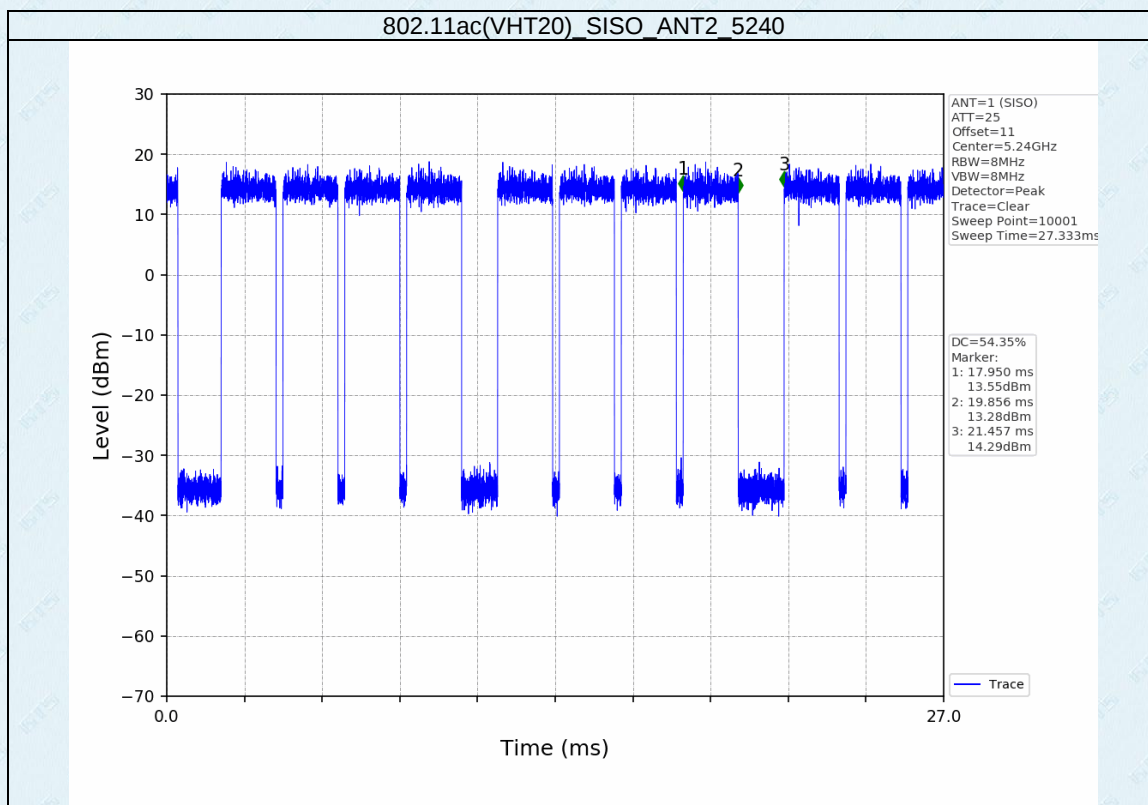
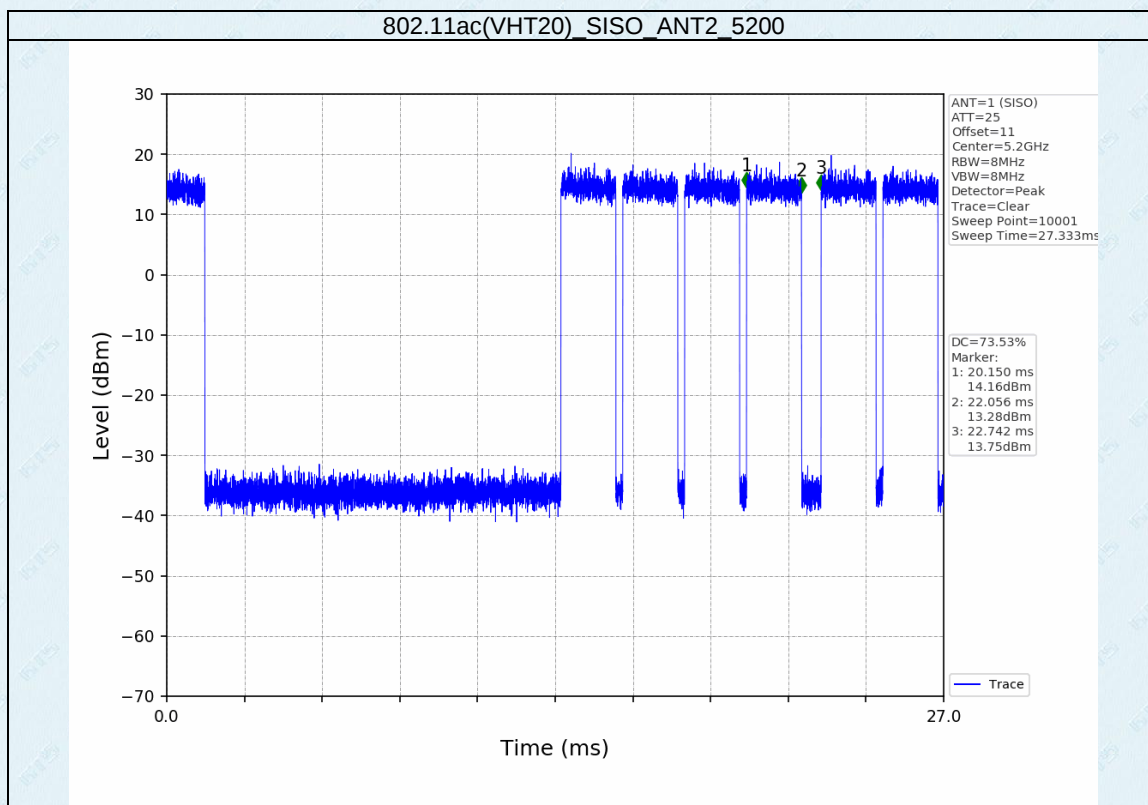
1.1 Test Result

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	1.929	13.504	14.28	8.45
	5200	SISO	1	1.907	3.508	54.36	2.65
	5240	SISO	1	1.908	3.604	52.94	2.76
	5180	SISO	2	1.917	13.393	14.31	8.44
	5200	SISO	2	1.906	2.592	73.53	1.34
	5240	SISO	2	1.906	3.507	54.35	2.65

1.2 Test Graph







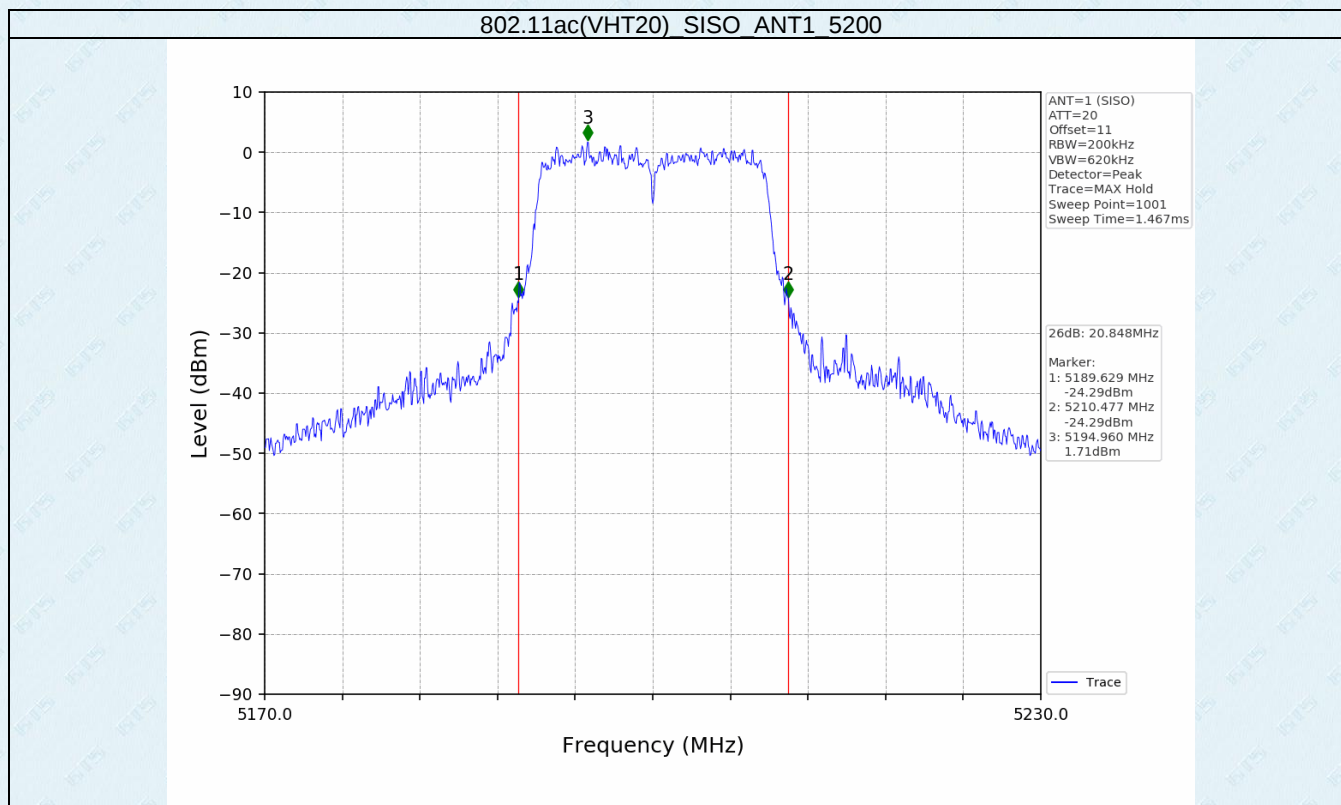
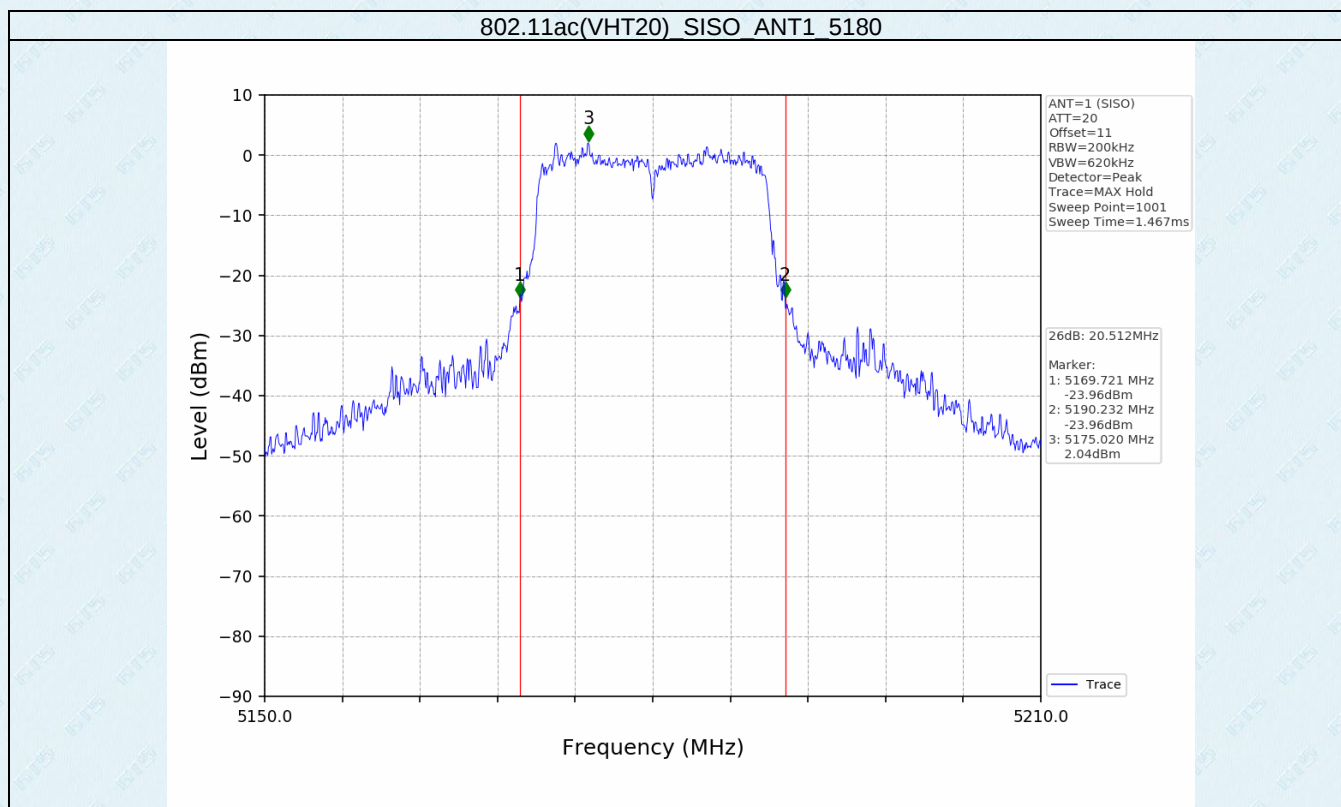
2. Bandwidth

2.1 Test Result

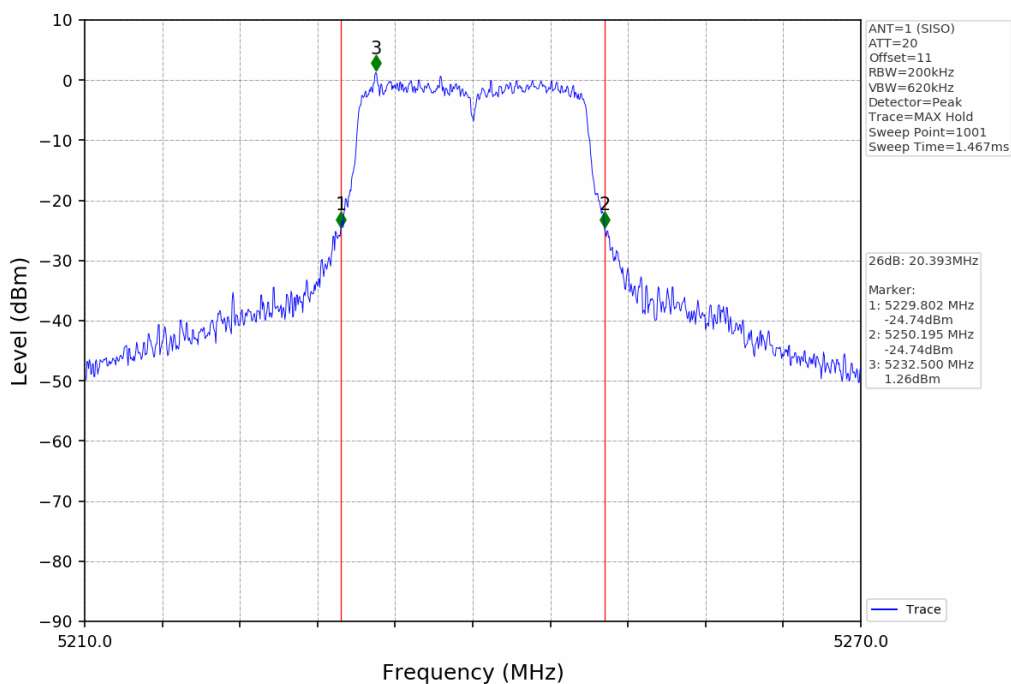
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5180	SISO	1	20.512	Only for Report Use	PASS
	5200	SISO	1	20.848	Only for Report Use	PASS
	5240	SISO	1	20.393	Only for Report Use	PASS
	5180	SISO	2	21.071	Only for Report Use	PASS
	5200	SISO	2	21.035	Only for Report Use	PASS
	5240	SISO	2	21.139	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	17.756	Only for Report Use
	5200	SISO	1	17.728	Only for Report Use
	5240	SISO	1	17.728	Only for Report Use
	5180	SISO	2	17.788	Only for Report Use
	5200	SISO	2	17.790	Only for Report Use
	5240	SISO	2	17.857	Only for Report Use

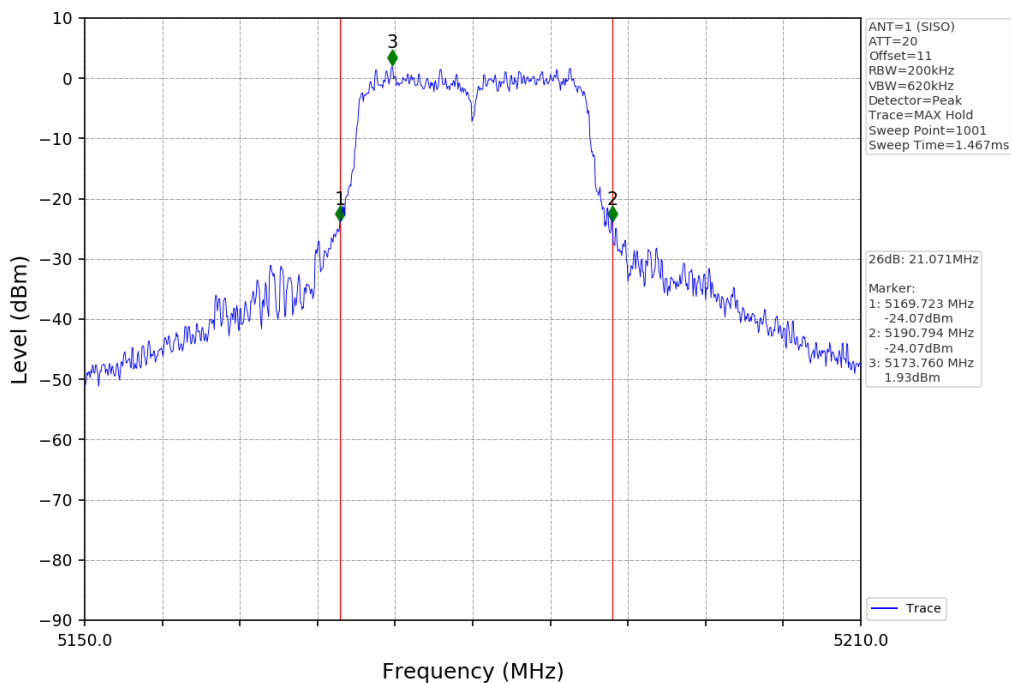
2.2 Test Graph - Emission Bandwidth



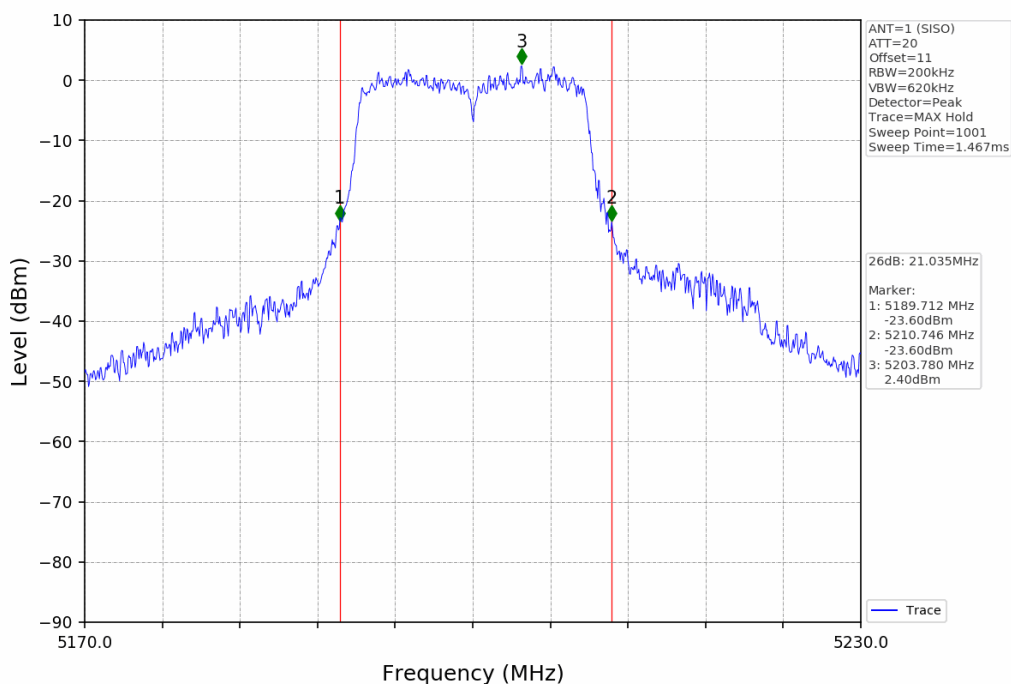
802.11ac(VHT20) SISO ANT1 5240



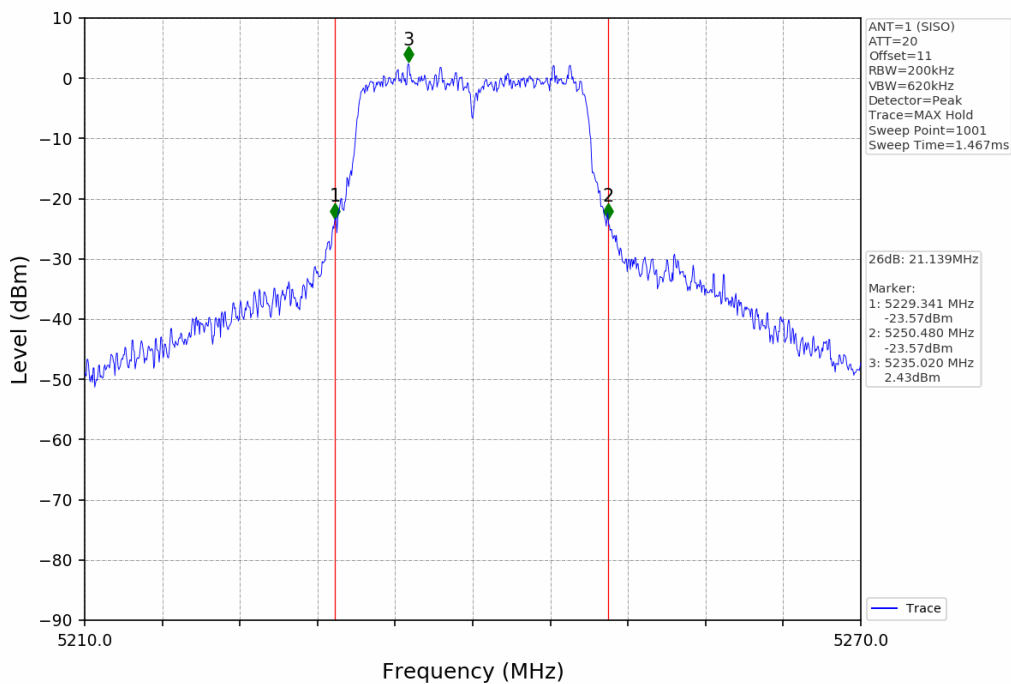
802.11ac(VHT20) SISO ANT2 5180



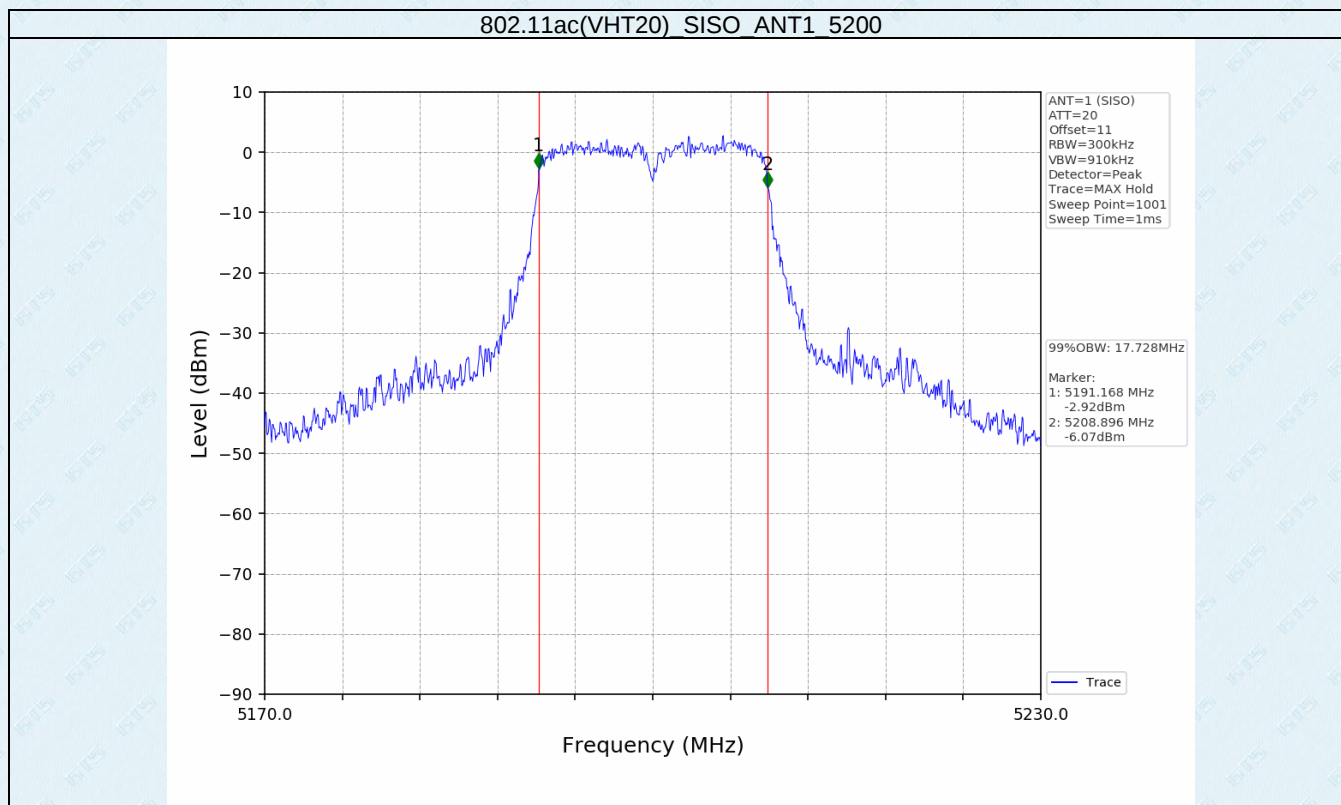
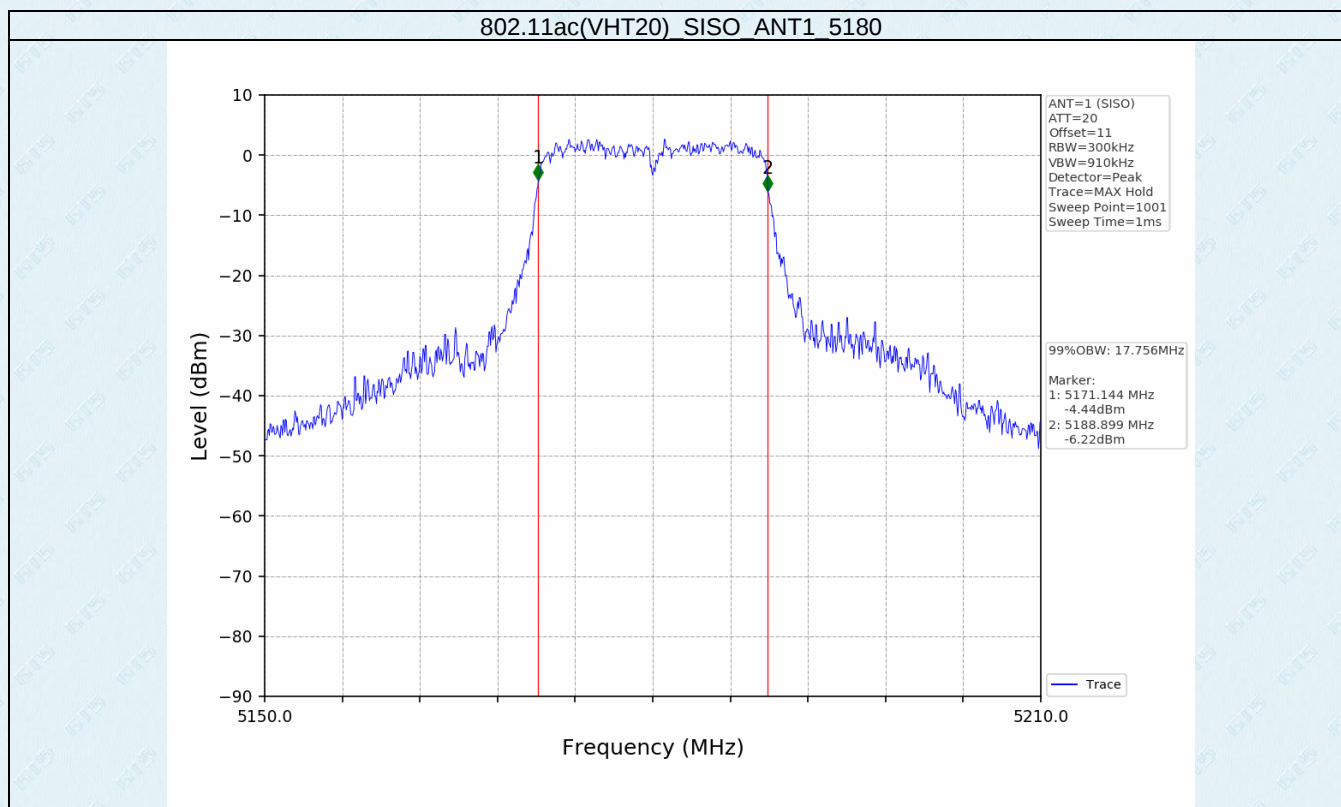
802.11ac(VHT20) SISO ANT2 5200



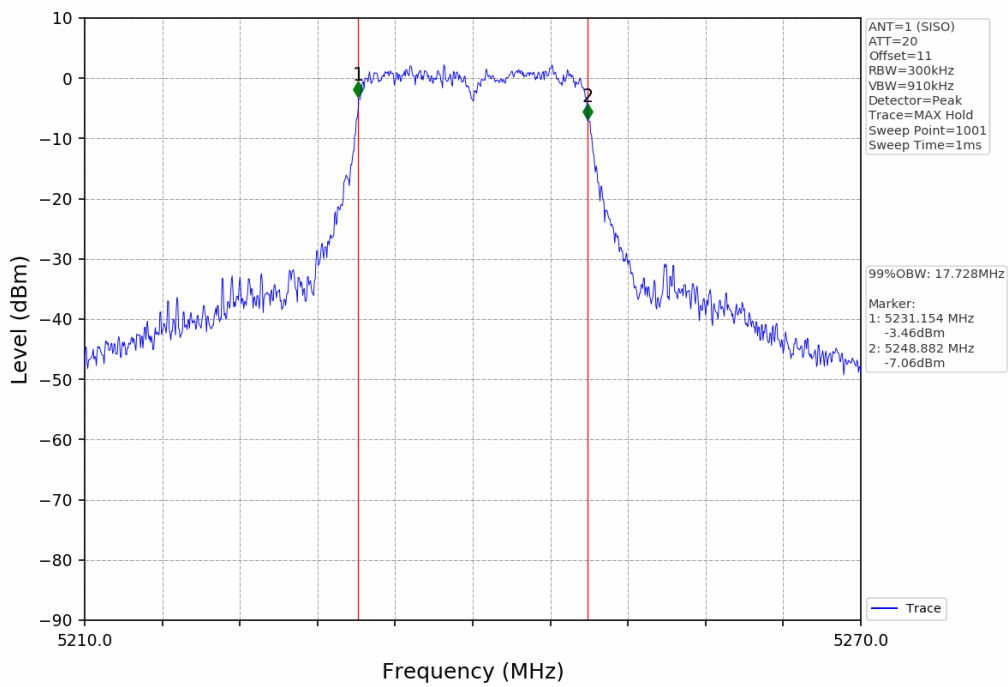
802.11ac(VHT20) SISO ANT2 5240



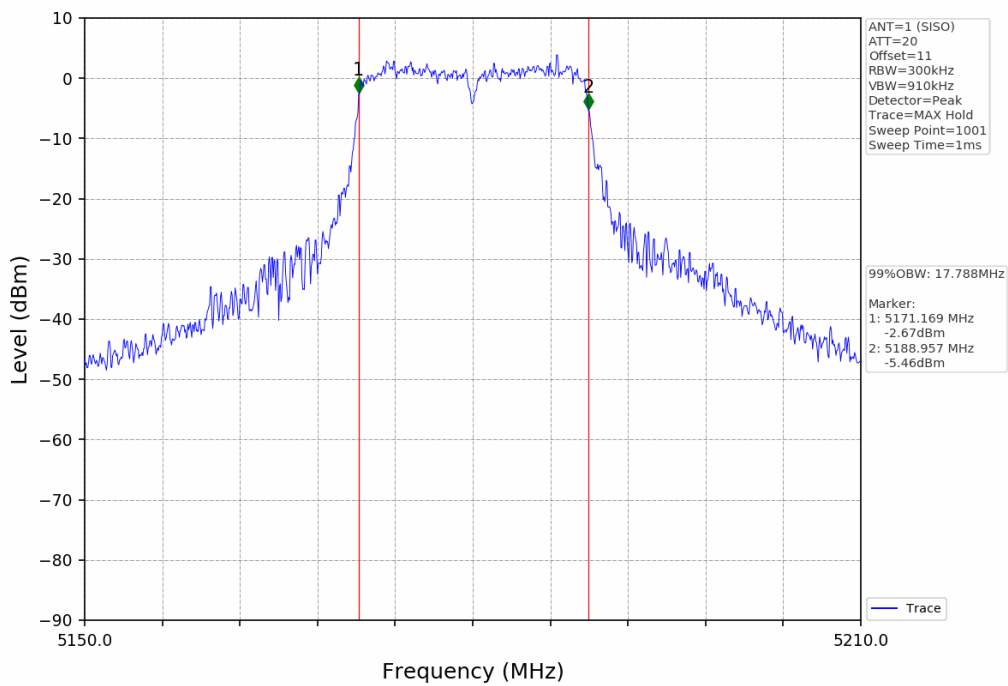
2.3 Test Graph - 99% Occupied Bandwidth



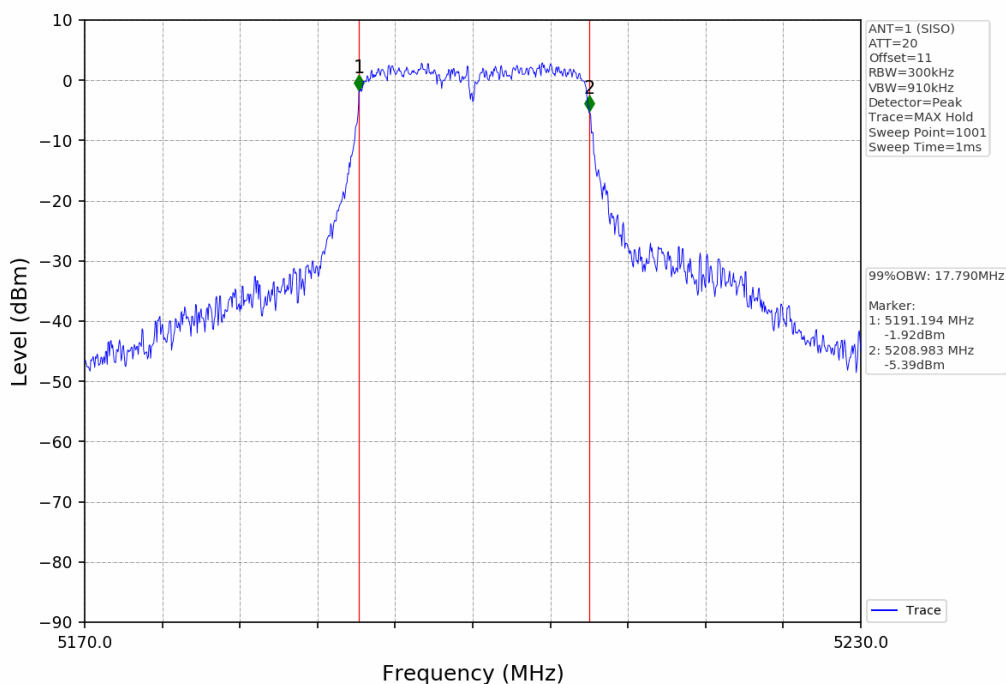
802.11ac(VHT20) SISO ANT1 5240



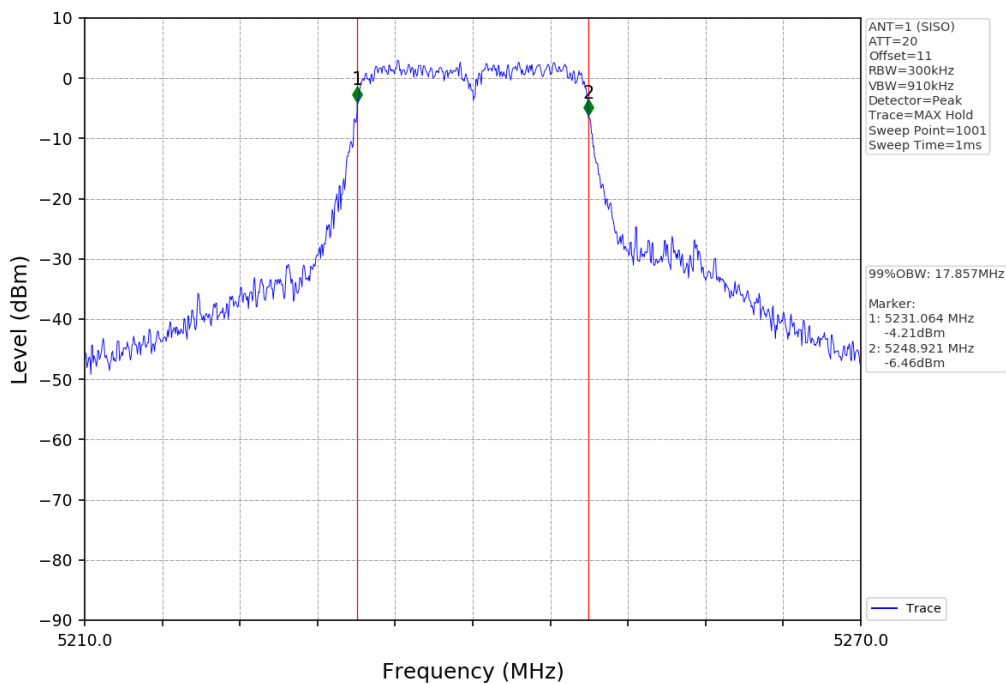
802.11ac(VHT20) SISO ANT2 5180



802.11ac(VHT20) SISO ANT2 5200



802.11ac(VHT20) SISO ANT2 5240



3. Maximum Conducted Output Power

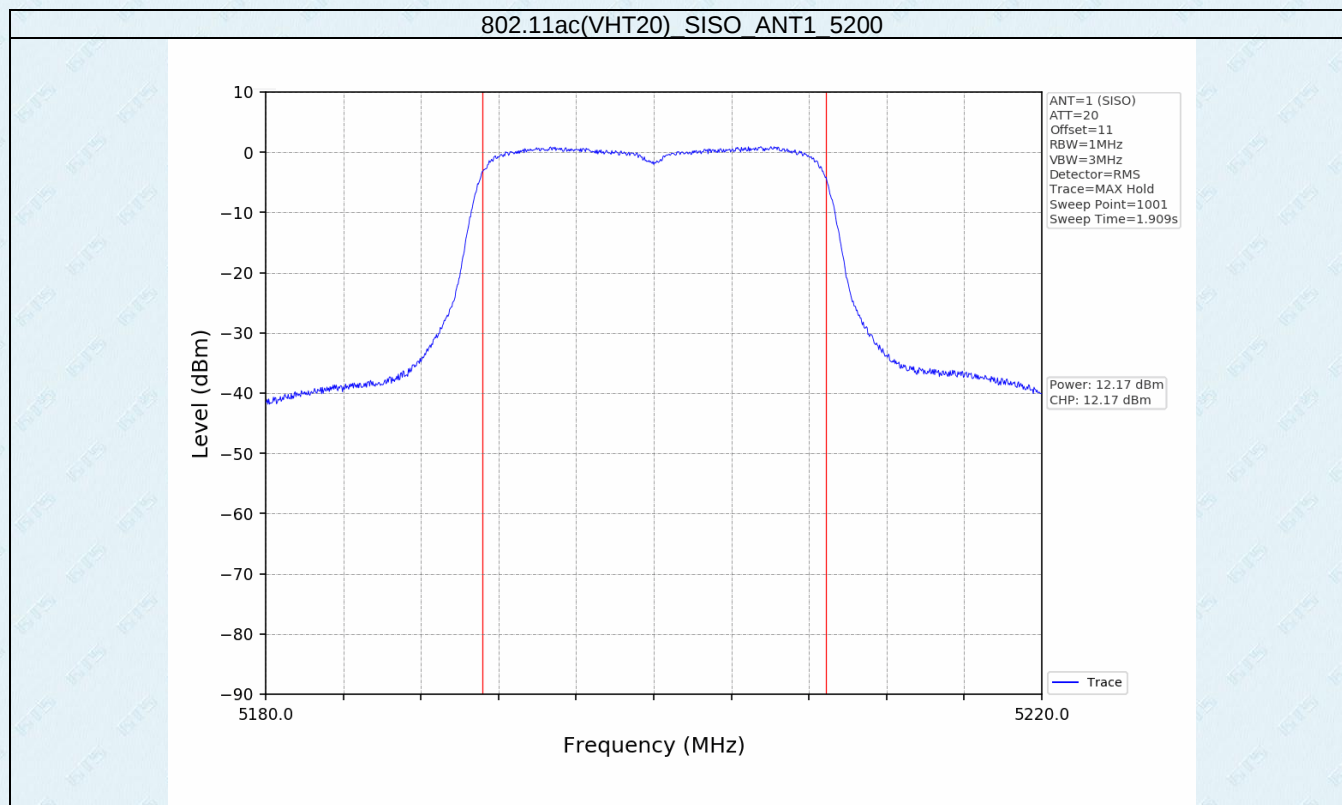
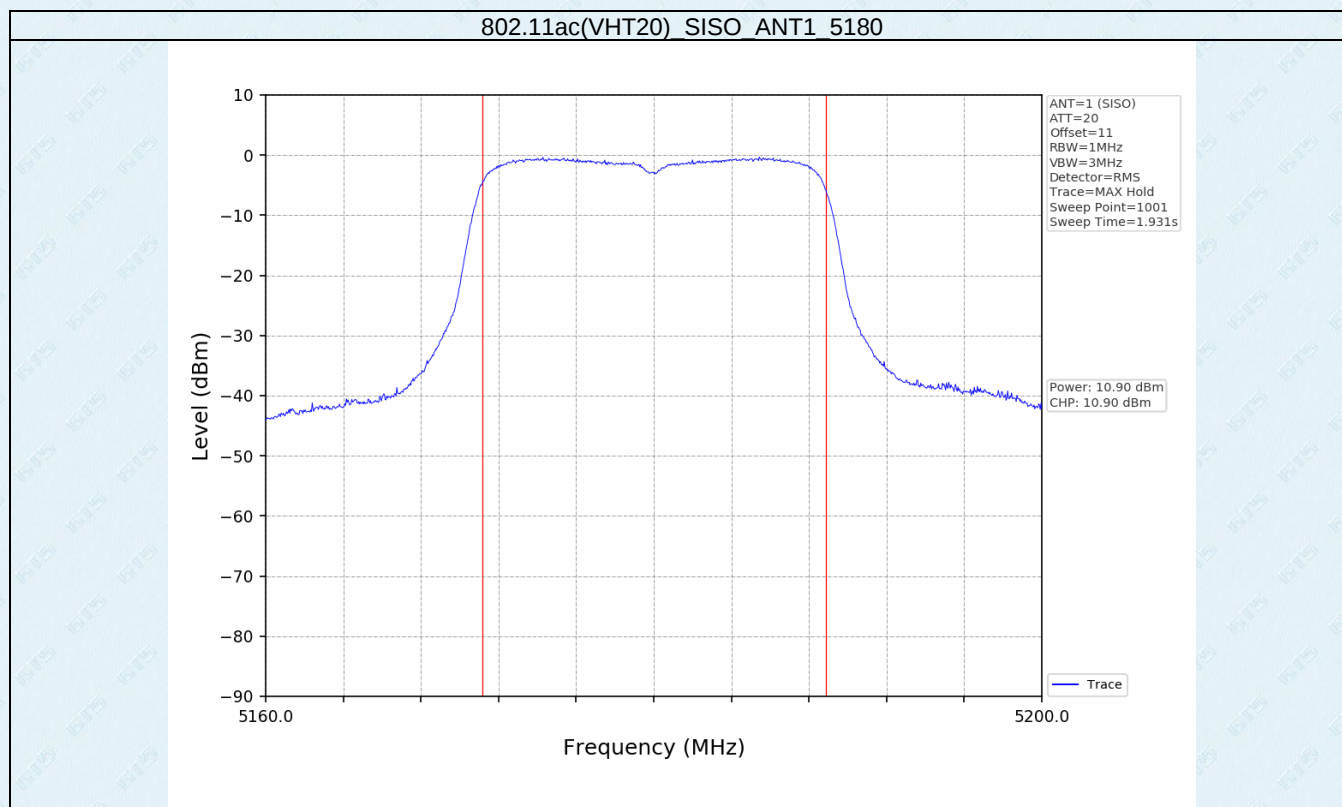
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5180	SISO	10.90	≤23.98	PASS
	5200	SISO	12.17	≤23.98	PASS
	5240	SISO	11.13	≤23.98	PASS

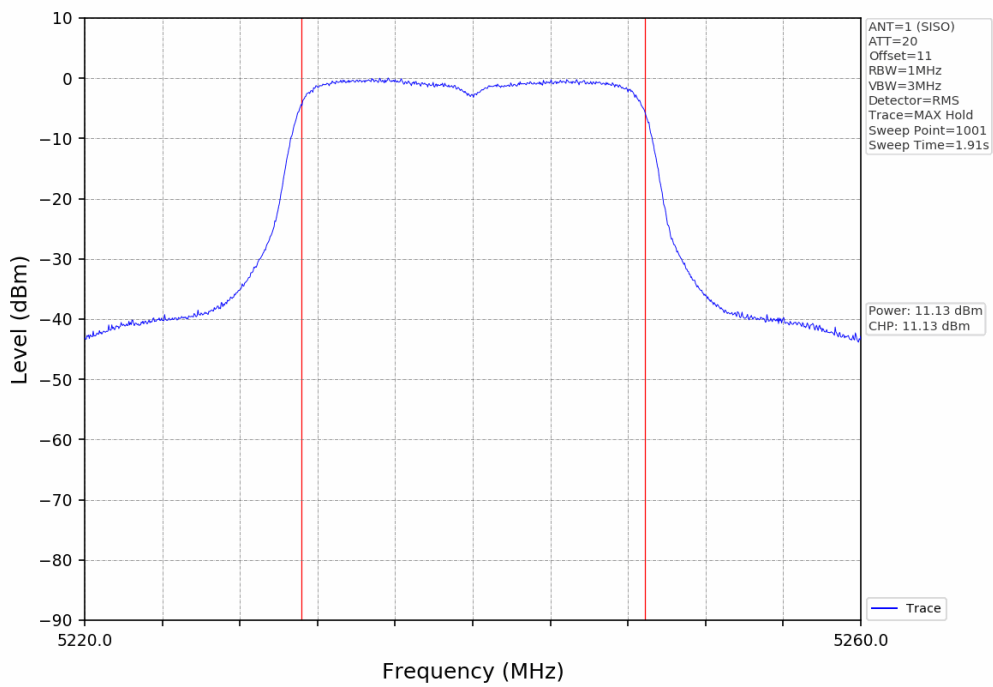
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 2		
802.11ac(VHT20)	5180	SISO	11.97	≤23.98	PASS
	5200	SISO	12.24	≤23.98	PASS
	5240	SISO	12.18	≤23.98	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11ac(VHT20)	5180	MIMO	12.40	≤23.98	Pass
	5200	MIMO	12.93	≤23.98	Pass
	5240	MIMO	12.58	≤23.98	Pass

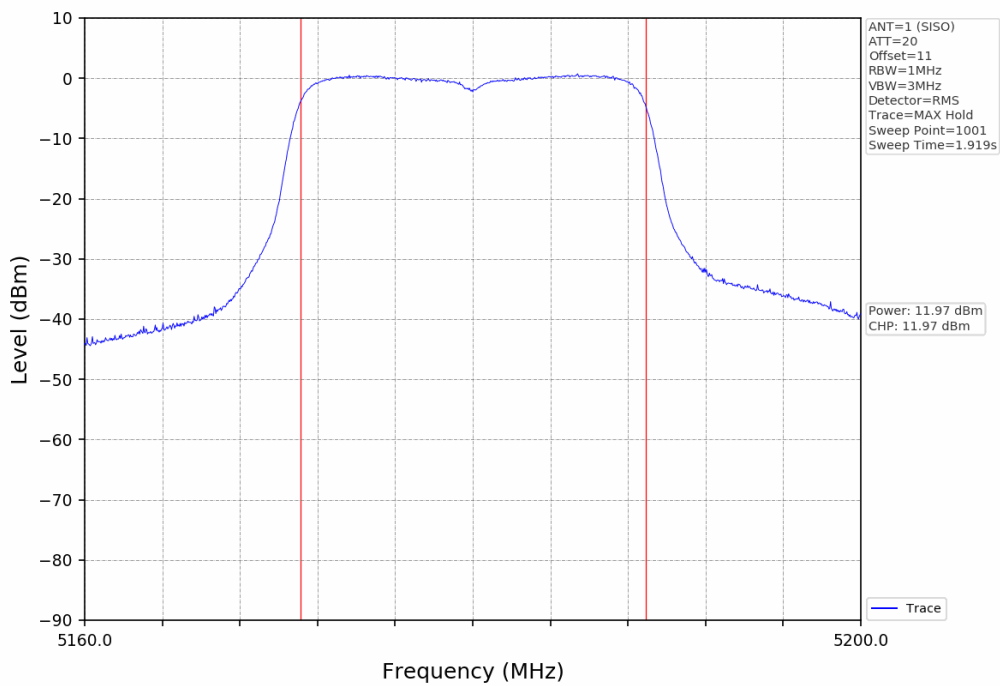
3.2 Test Graph



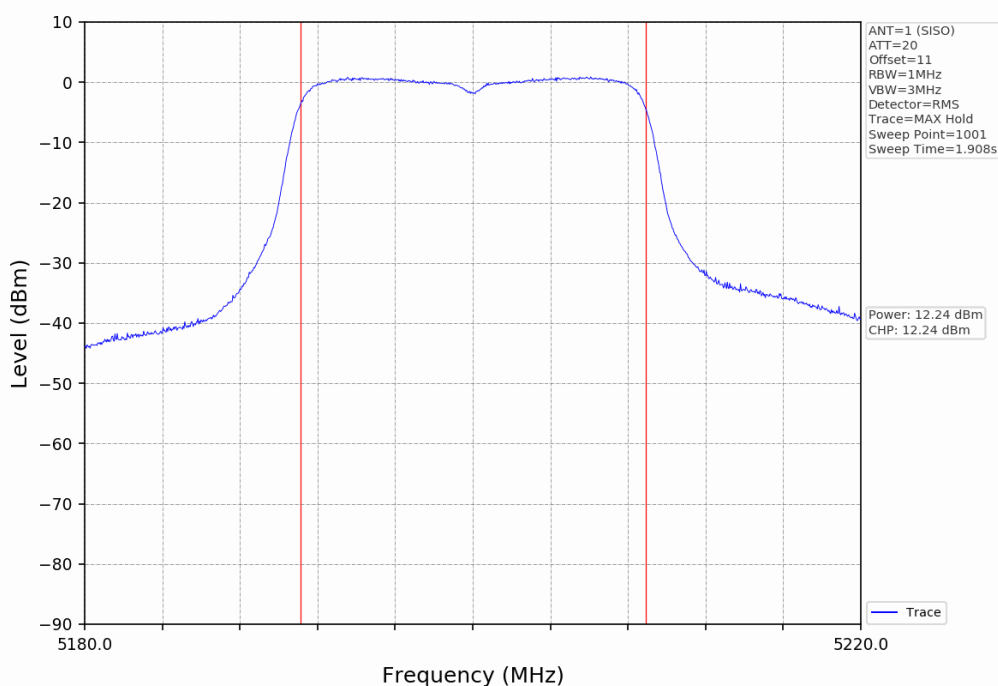
802.11ac(VHT20) SISO ANT1 5240



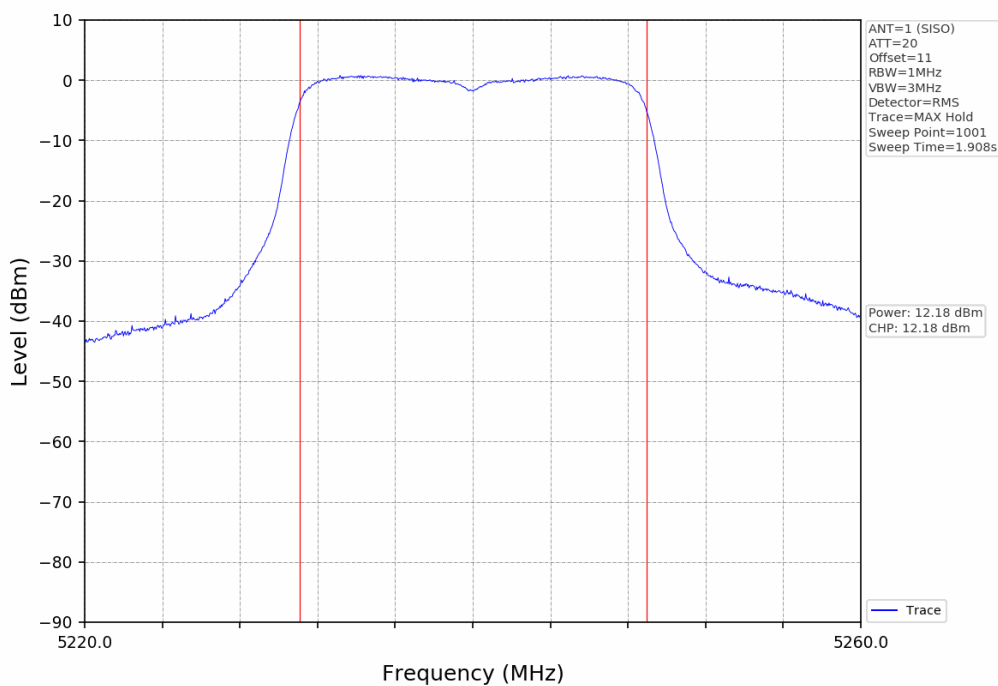
802.11ac(VHT20) SISO ANT2 5180

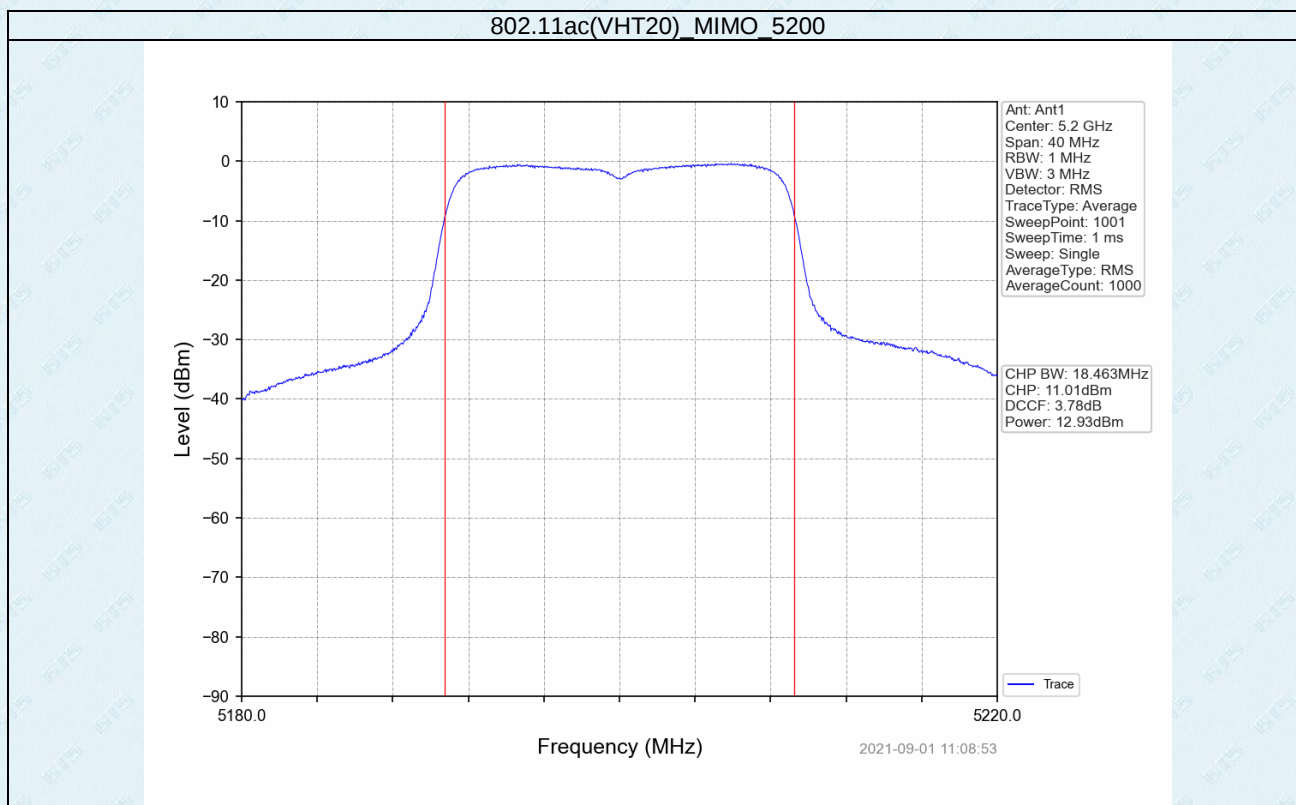
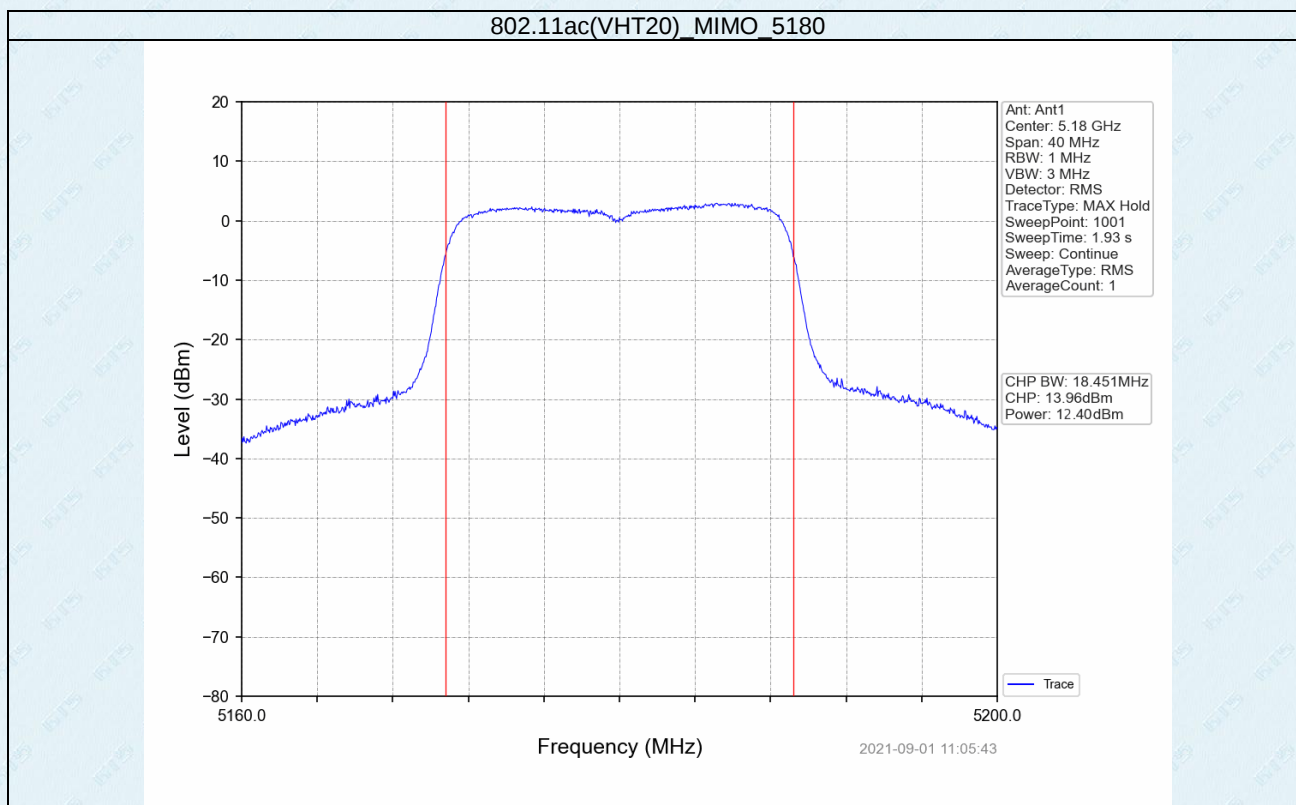


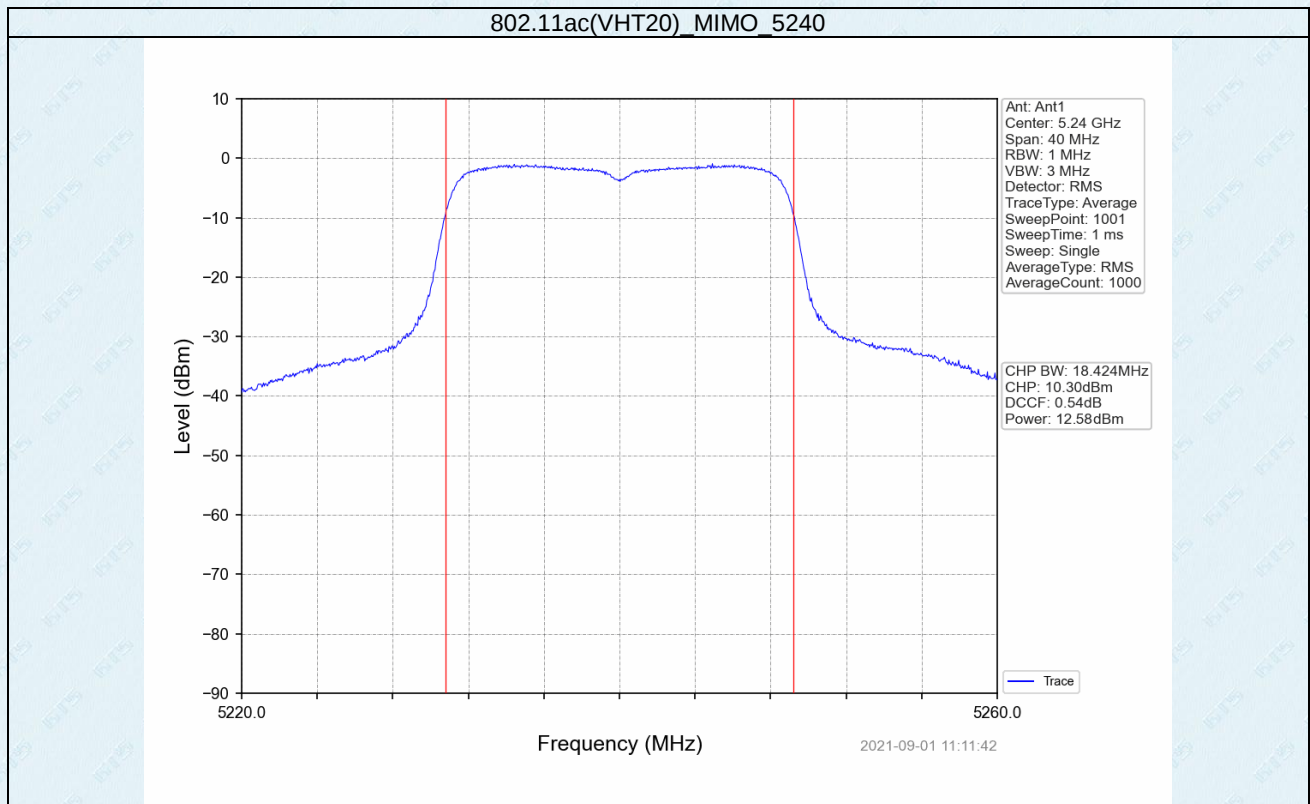
802.11ac(VHT20) SISO ANT2 5200



802.11ac(VHT20) SISO ANT2 5240







4. Maximum Power Spectral Density (PSD)

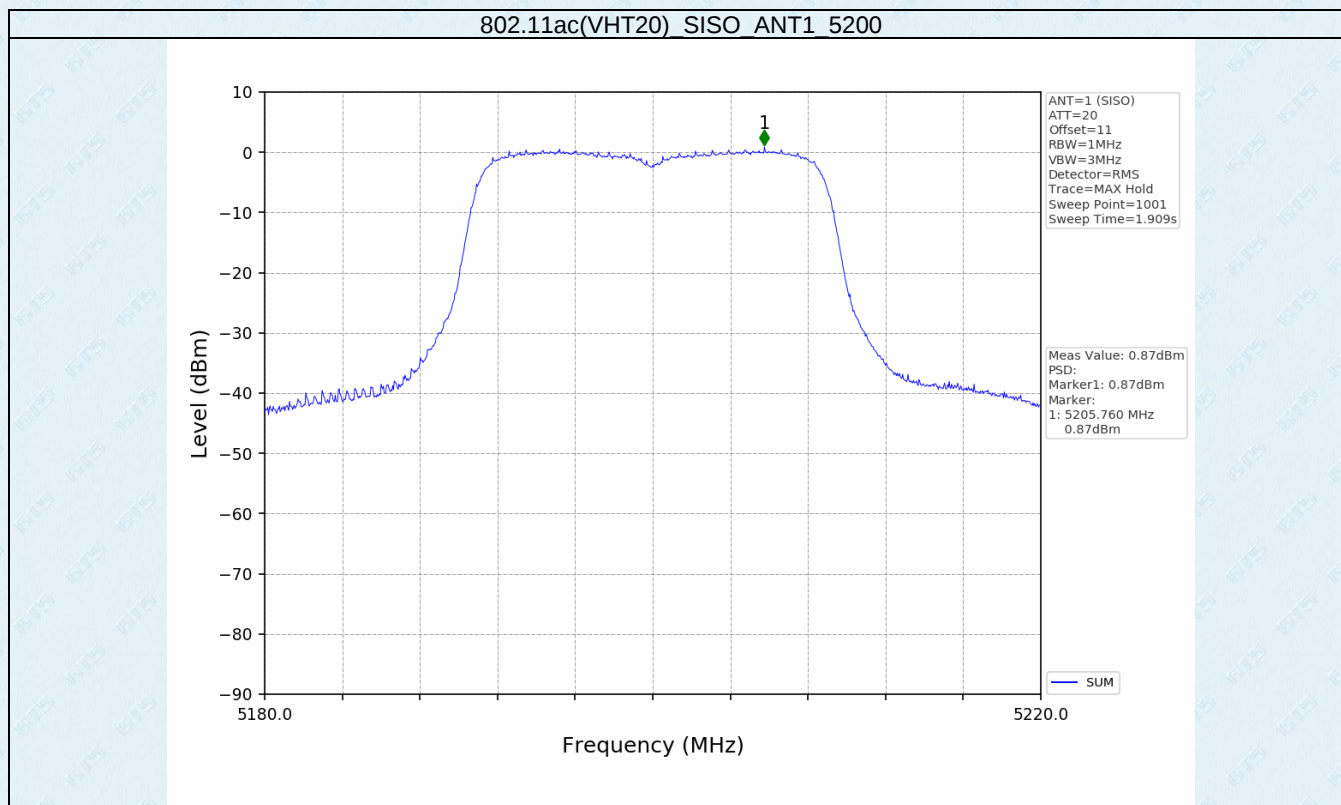
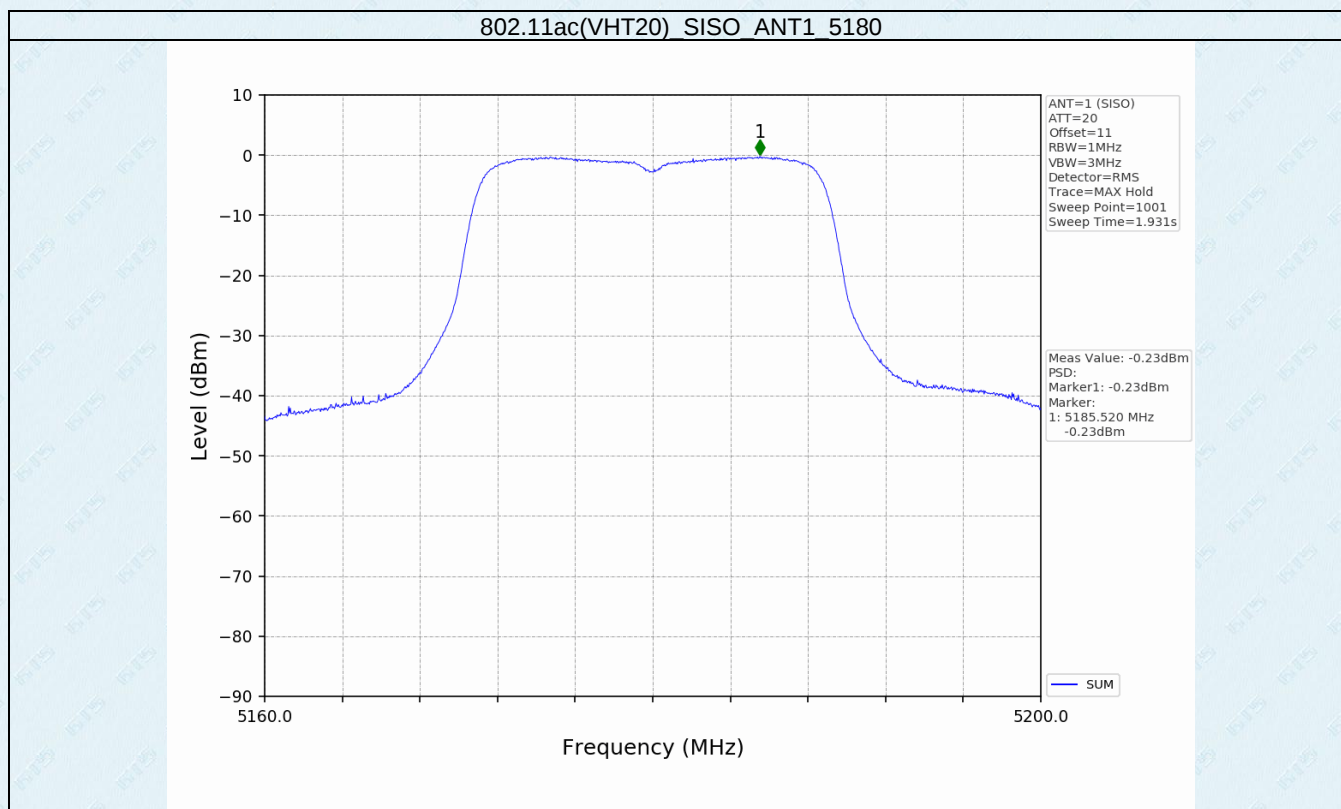
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11ac(VHT20)	5180	SISO	-0.23	≤11	PASS
	5200	SISO	0.87	≤11	PASS
	5240	SISO	0.86	≤11	PASS

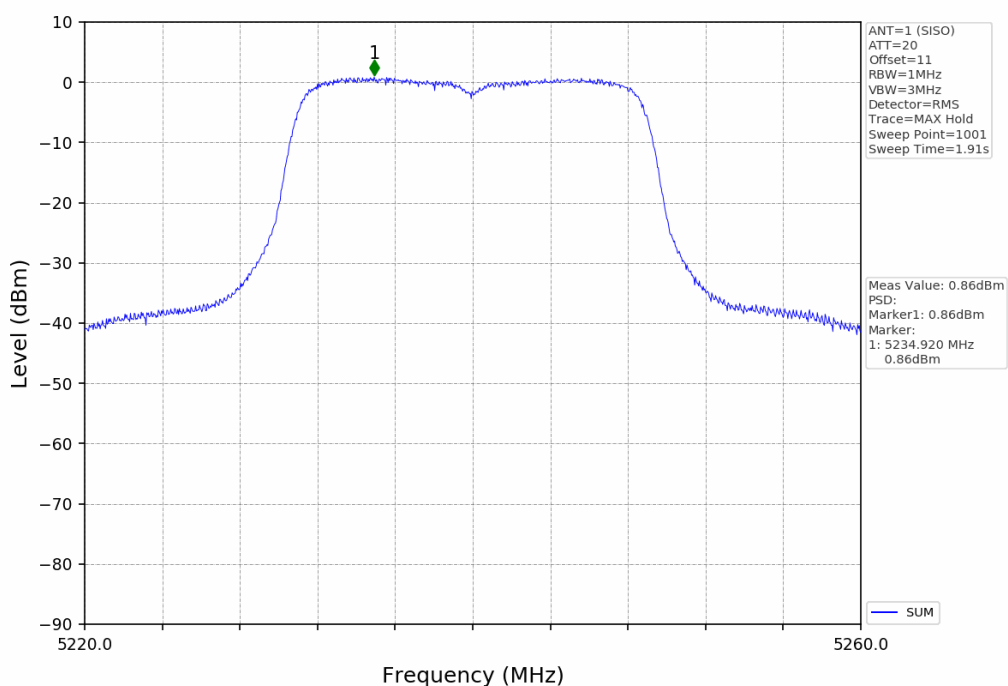
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 2		
802.11ac(VHT20)	5180	SISO	0.58	≤11	PASS
	5200	SISO	1.74	≤11	PASS
	5240	SISO	1.05	≤11	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
802.11ac(VHT20)	5180	MIMO	3.20	≤11	Pass
	5200	MIMO	4.34	≤11	Pass
	5240	MIMO	3.97	≤11	Pass

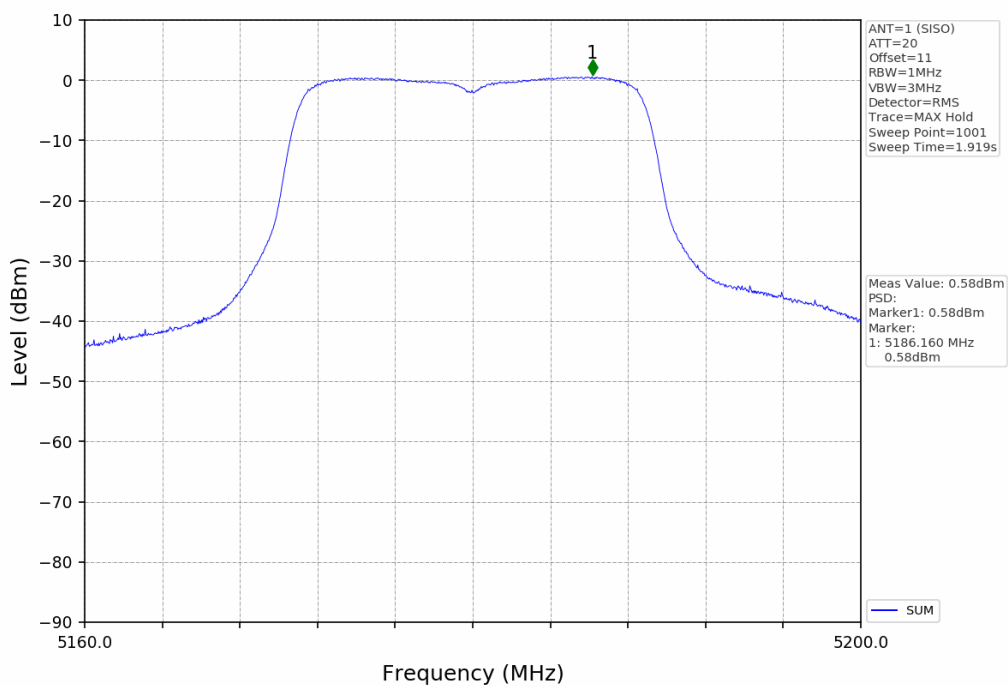
4.2 Test Graph



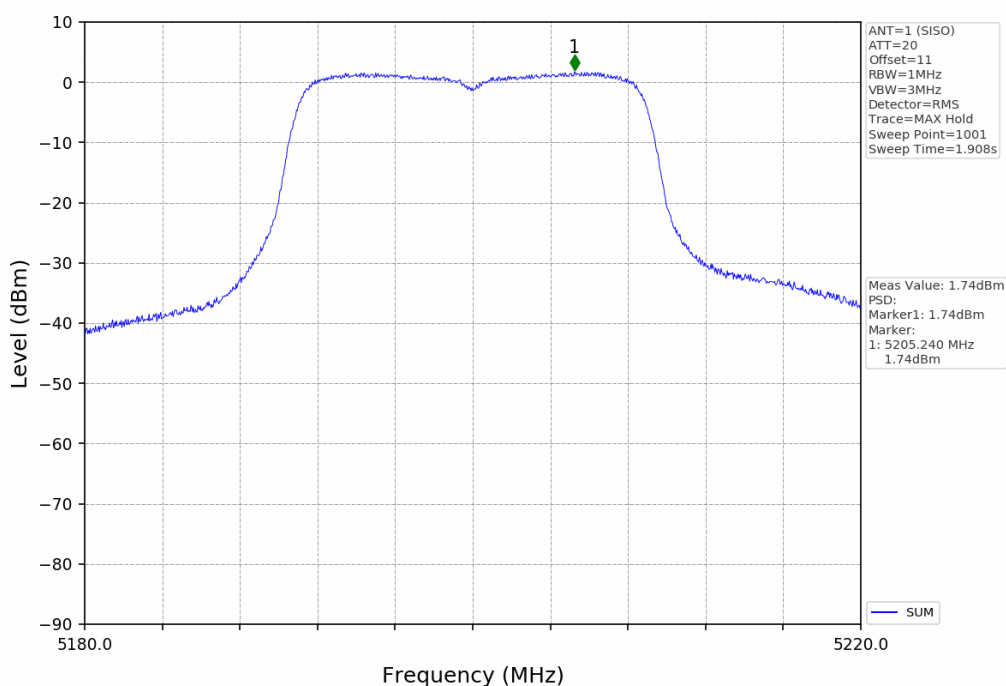
802.11ac(VHT20) SISO ANT1 5240



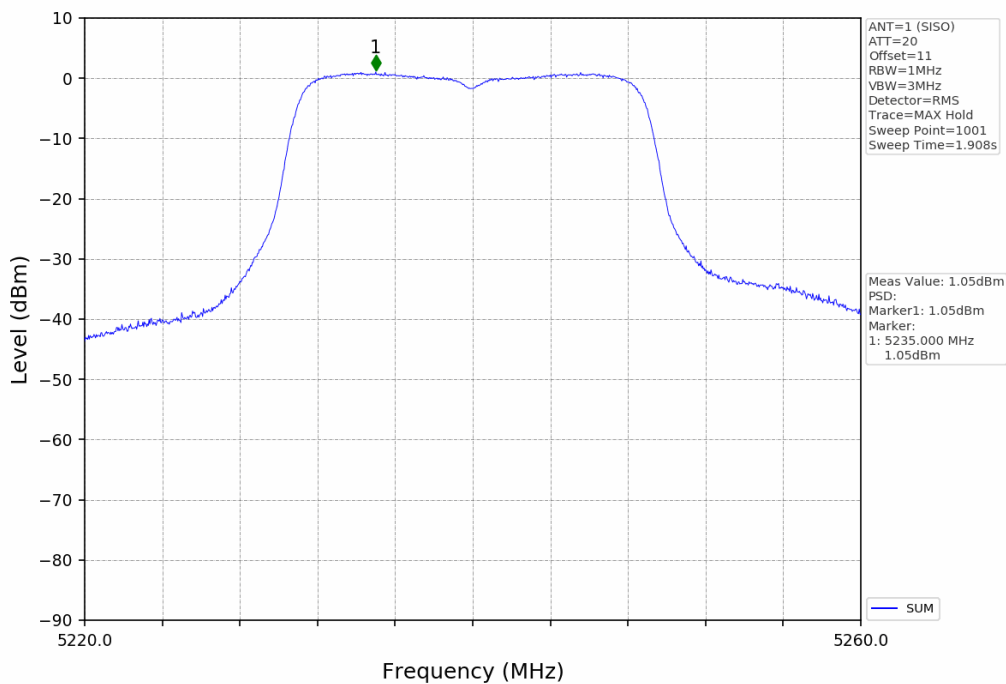
802.11ac(VHT20) SISO ANT2 5180

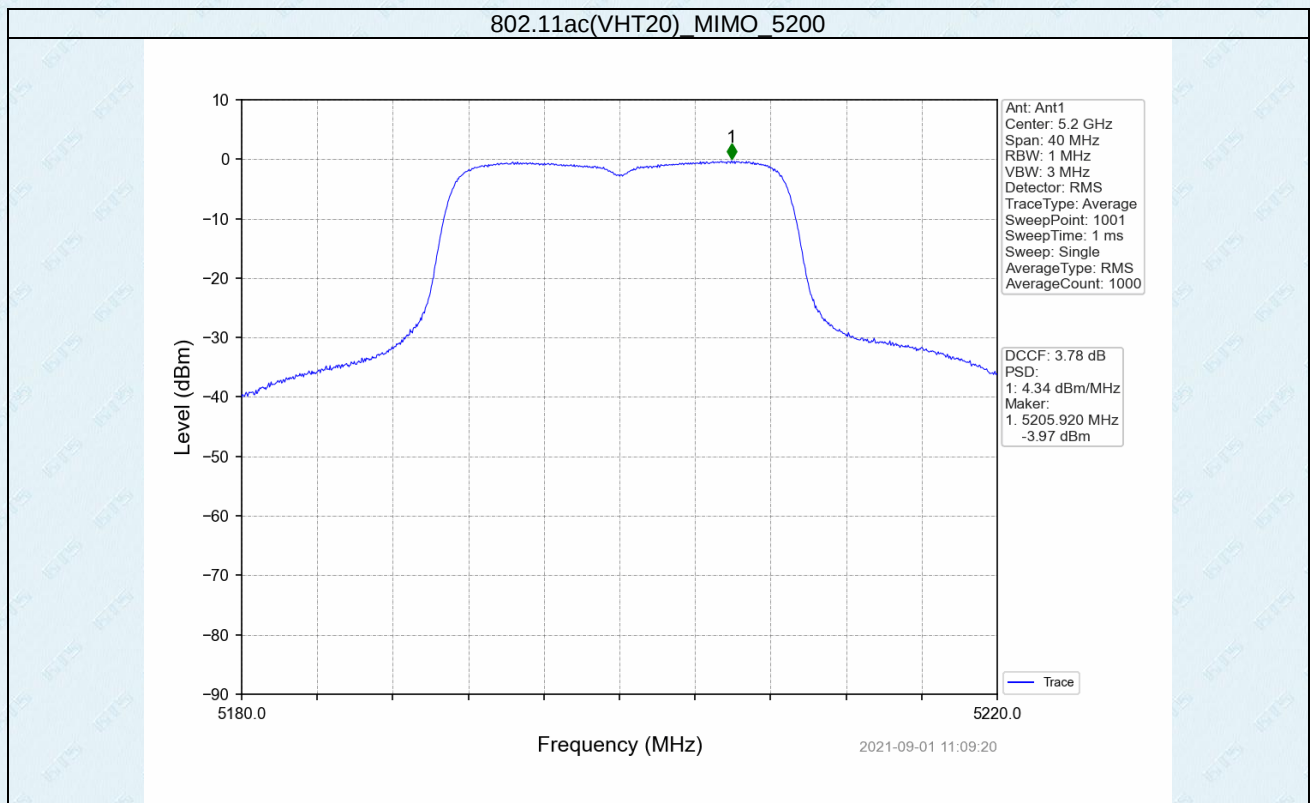
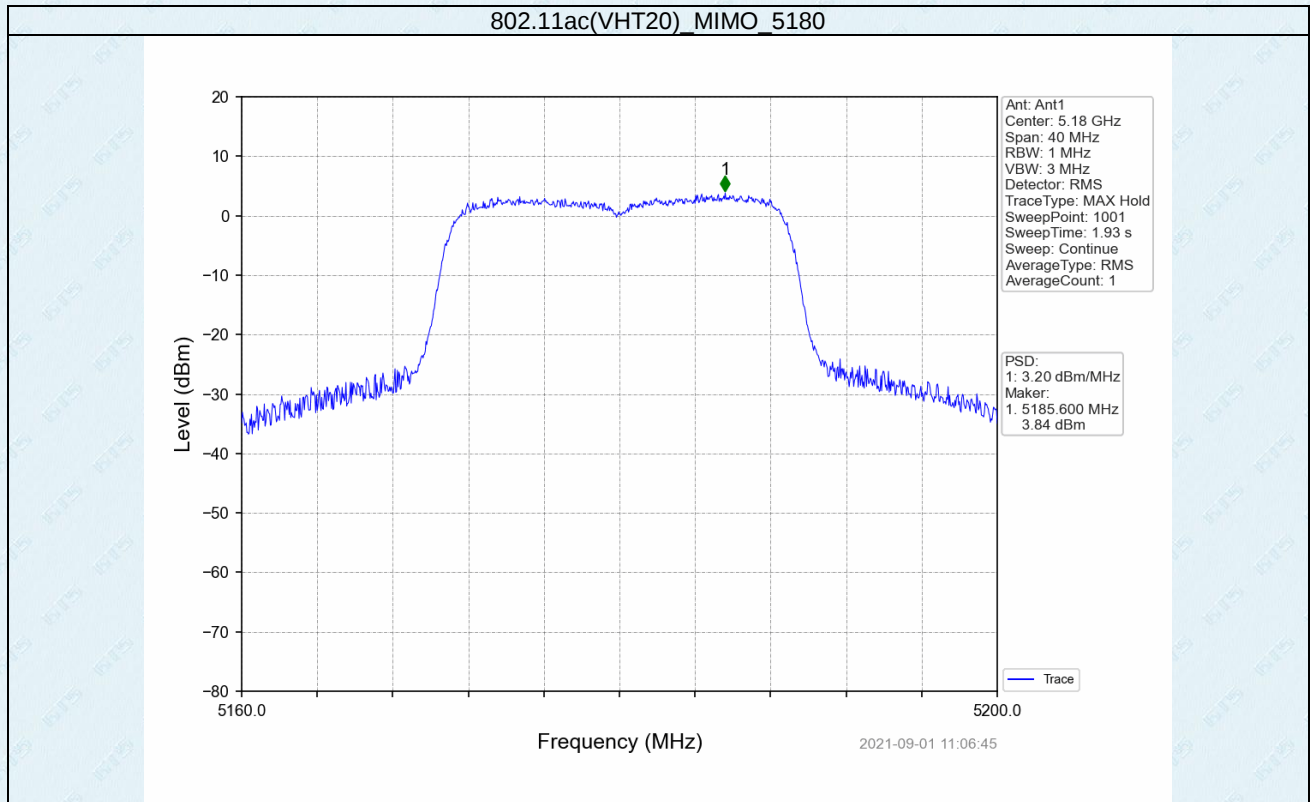


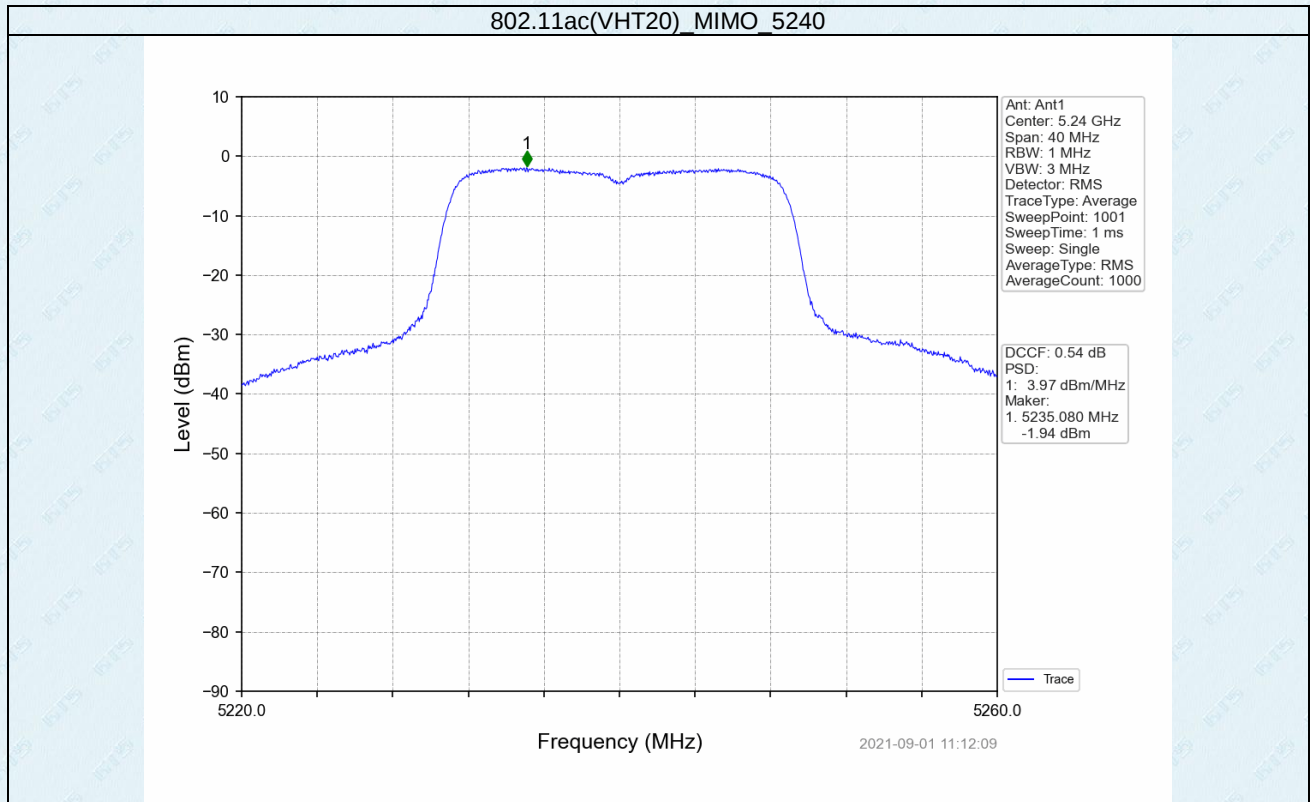
802.11ac(VHT20) SISO ANT2 5200



802.11ac(VHT20) SISO ANT2 5240







5. Frequency Stability

5.1 Test Result

Only show the worst case

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5180	1	-7.34	<=20	PASS
		5200	1	-7.88	<=20	PASS
		5240	1	-8.02	<=20	PASS
		5180	2	-7.92	<=20	PASS
		5200	2	-7.88	<=20	PASS
		5240	2	-7.82	<=20	PASS

---END---