

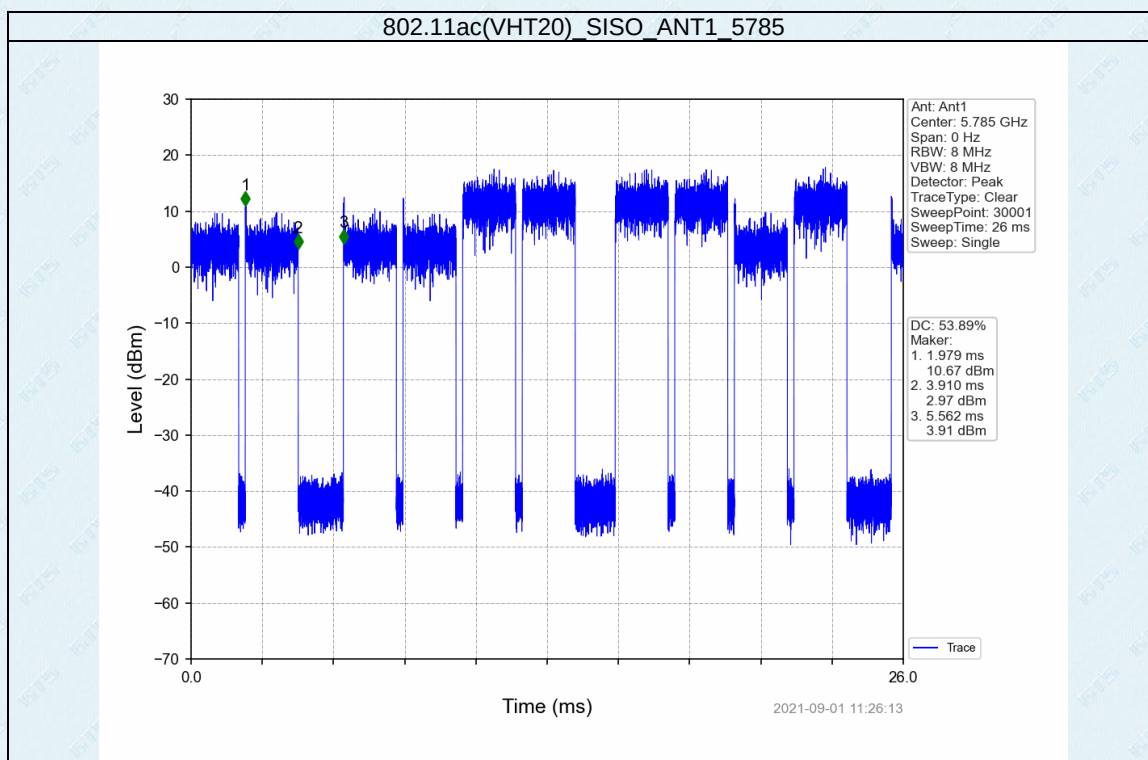
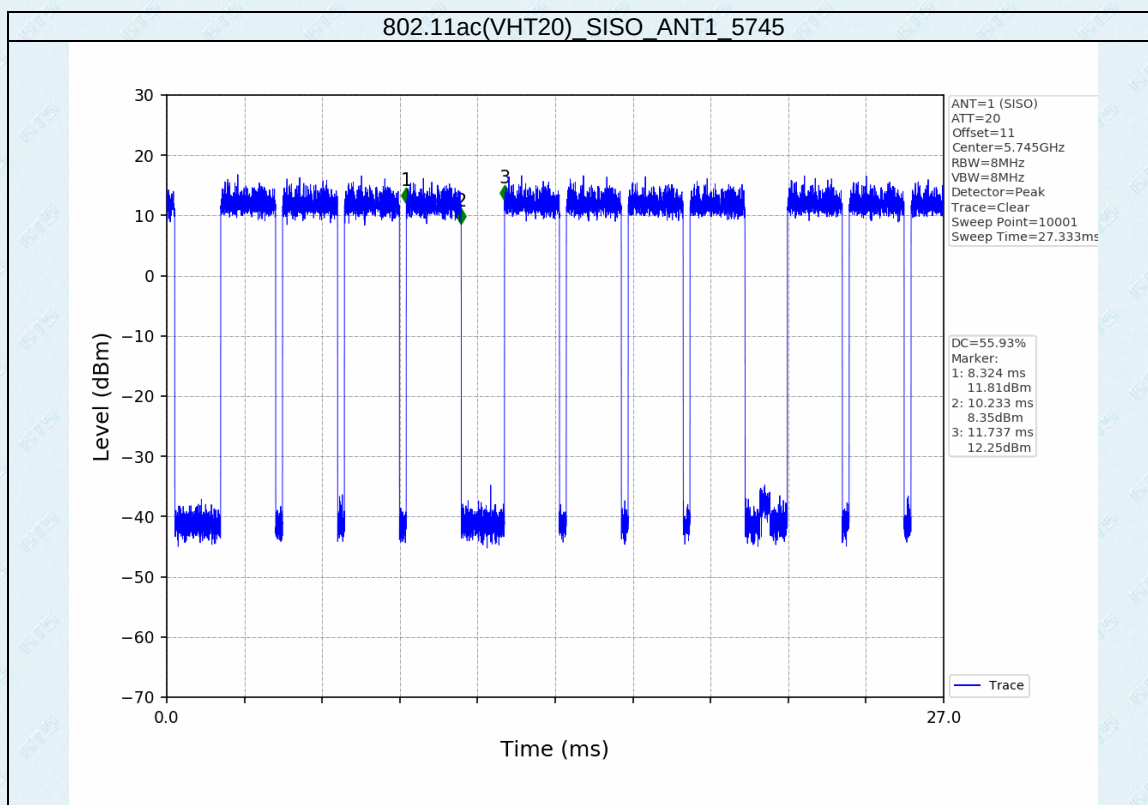
Appendix for 15.407

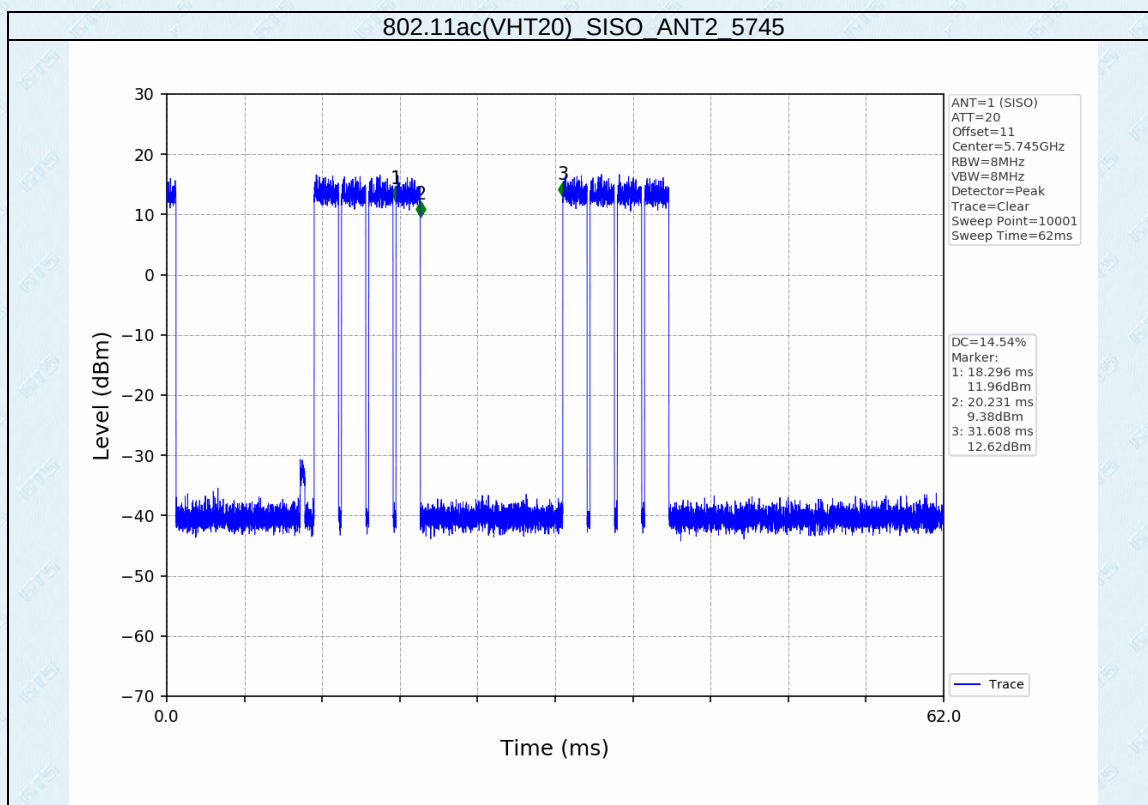
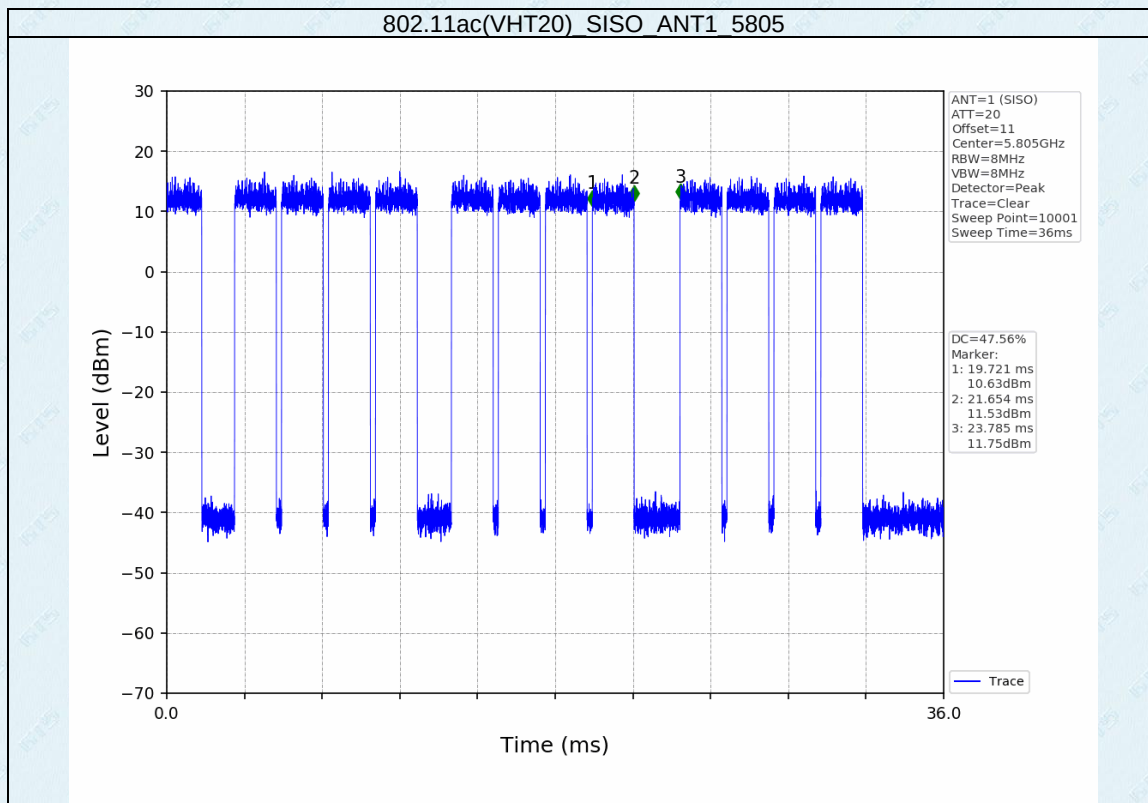
1. Duty Cycle

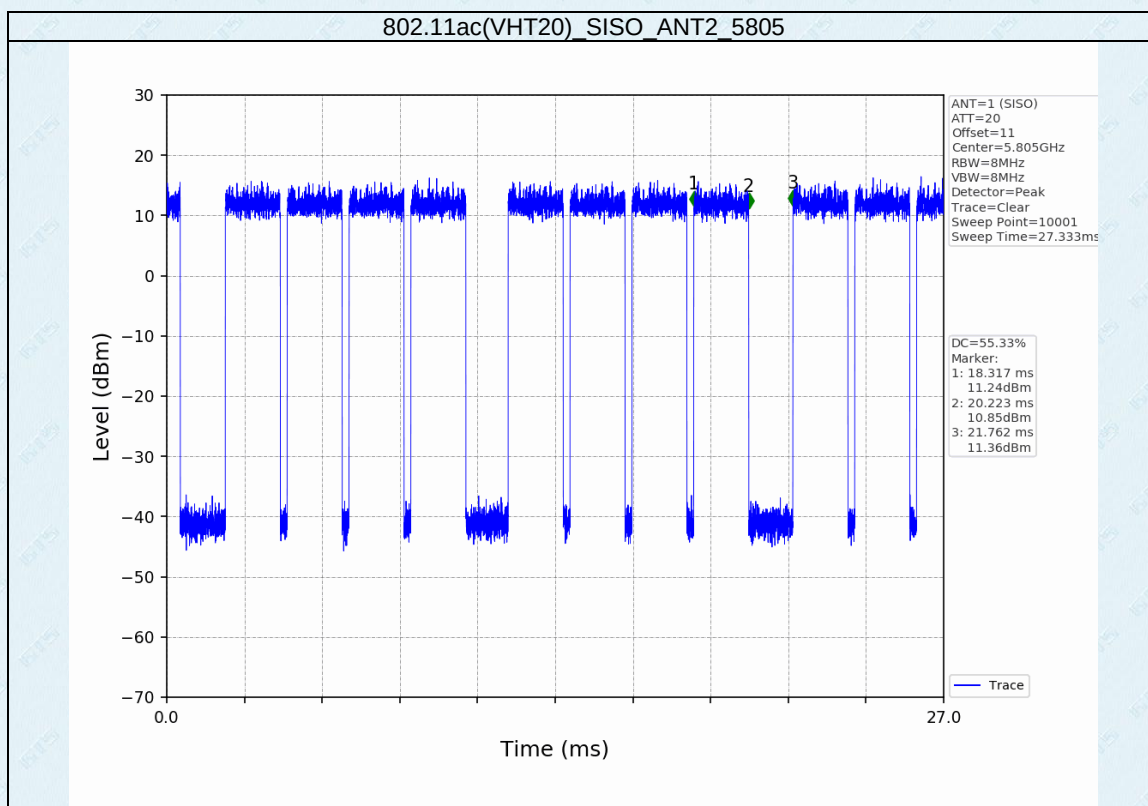
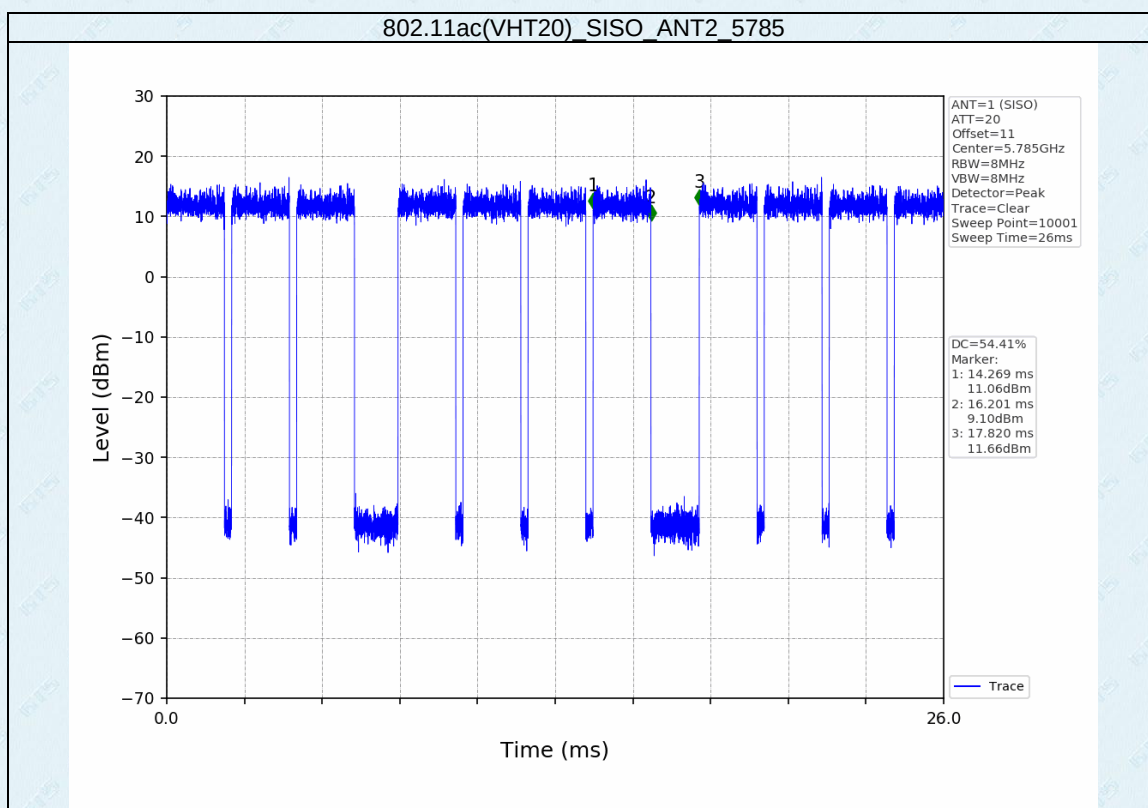
1.1 Test Result

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	1.909	3.413	55.93	2.52
	5785	SISO	1	1.931	3.583	53.89	2.68
	5805	SISO	1	1.933	4.064	47.56	3.23
	5745	SISO	2	1.935	13.312	14.54	8.37
	5785	SISO	2	1.932	3.551	54.41	2.64
	5805	SISO	2	1.906	3.445	55.33	2.57

1.2 Test Graph







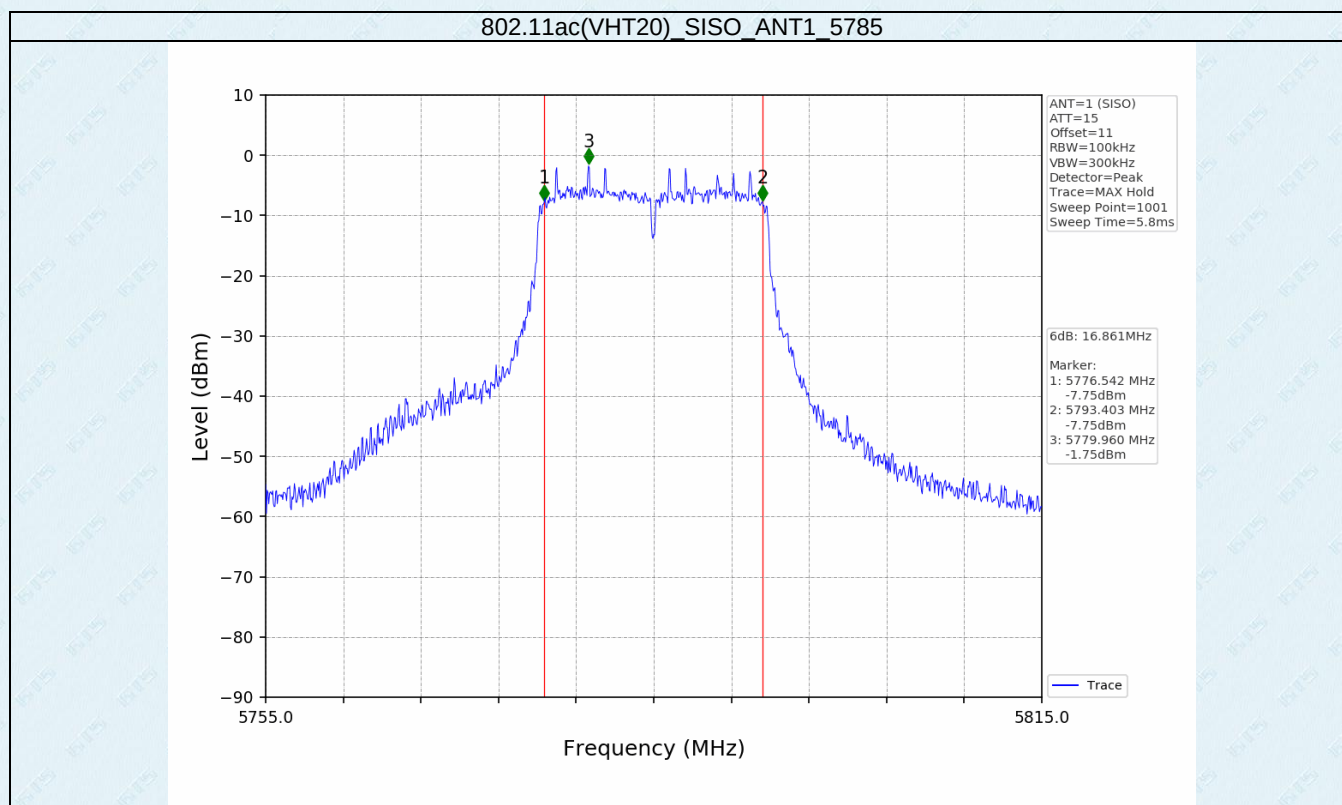
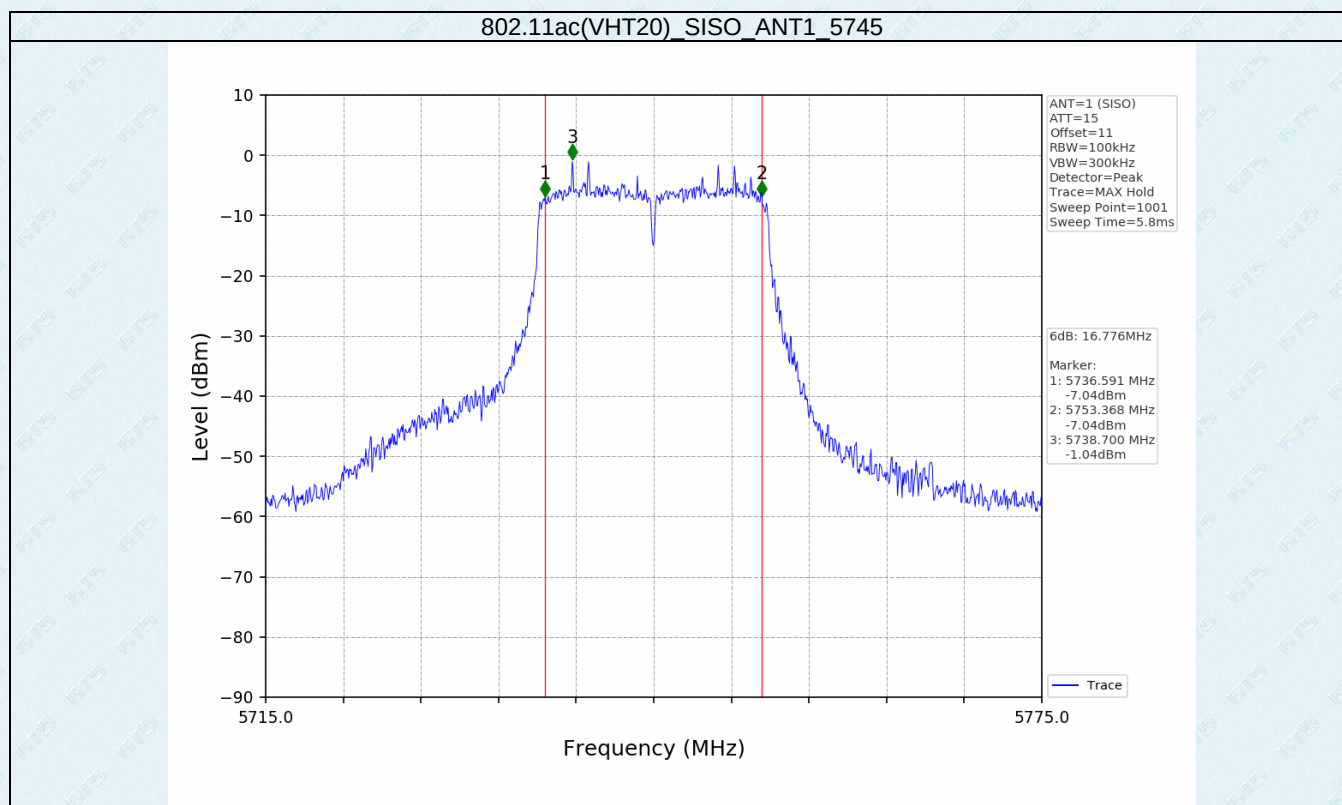
2. Bandwidth

2.1 Test Result

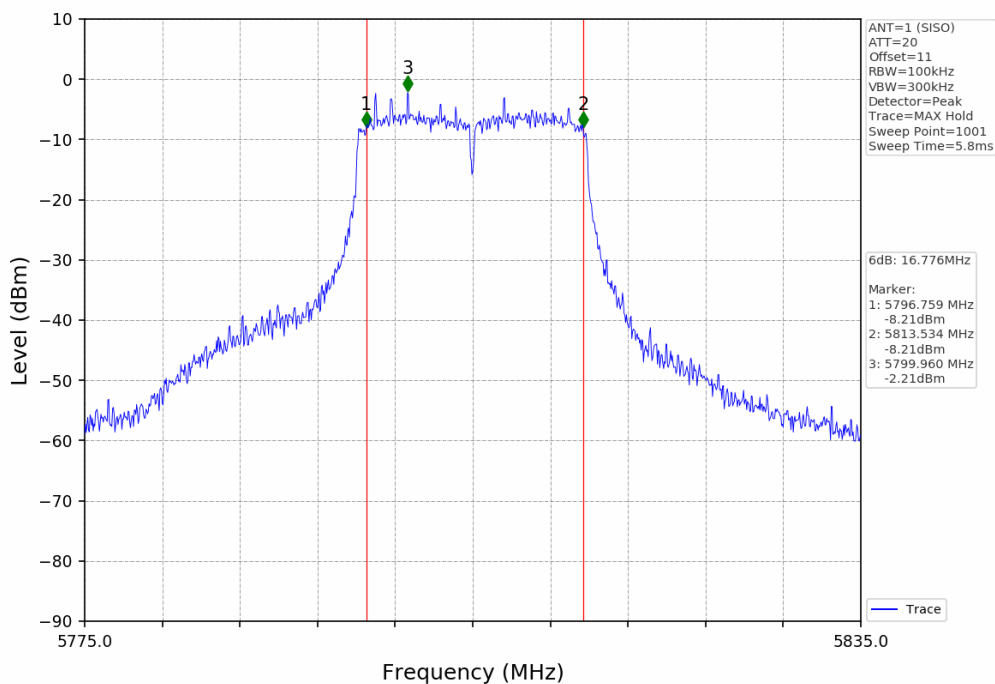
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11ac(VHT20)	5745	SISO	1	16.776	≥0.5	PASS
	5785	SISO	1	16.861	≥0.5	PASS
	5805	SISO	1	16.776	≥0.5	PASS
	5745	SISO	2	17.142	≥0.5	PASS
	5785	SISO	2	17.255	≥0.5	PASS
	5805	SISO	2	17.117	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11ac(VHT20)	5745	SISO	1	17.669	Only for Report Use
	5785	SISO	1	17.759	Only for Report Use
	5805	SISO	1	18.082	Only for Report Use
	5745	SISO	2	17.819	Only for Report Use
	5785	SISO	2	17.732	Only for Report Use
	5805	SISO	2	18.215	Only for Report Use

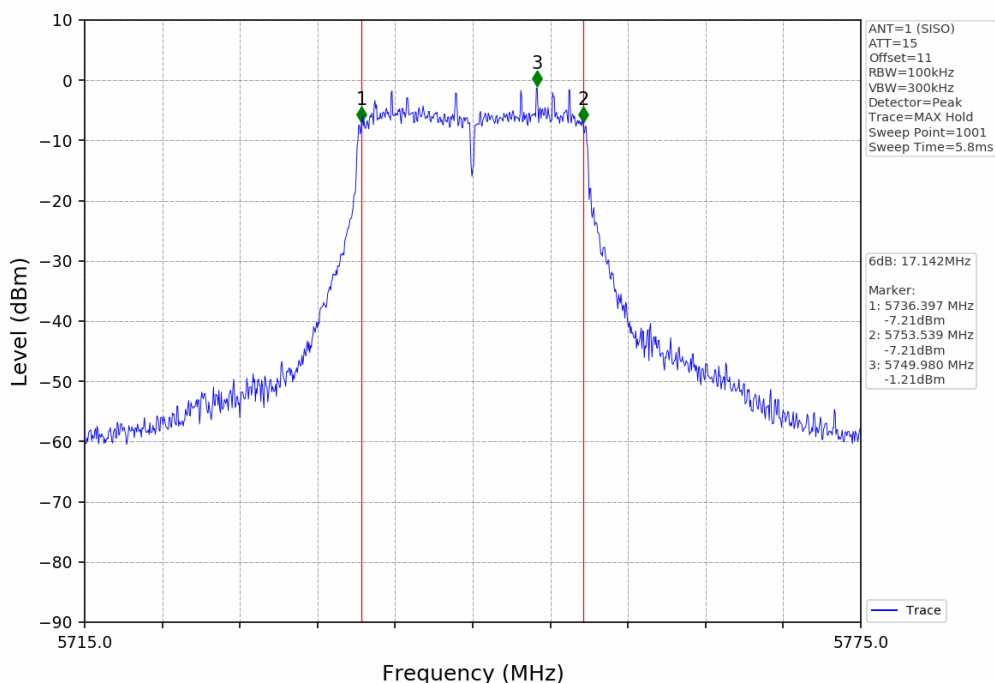
2.2 Test Graph - Emission Bandwidth



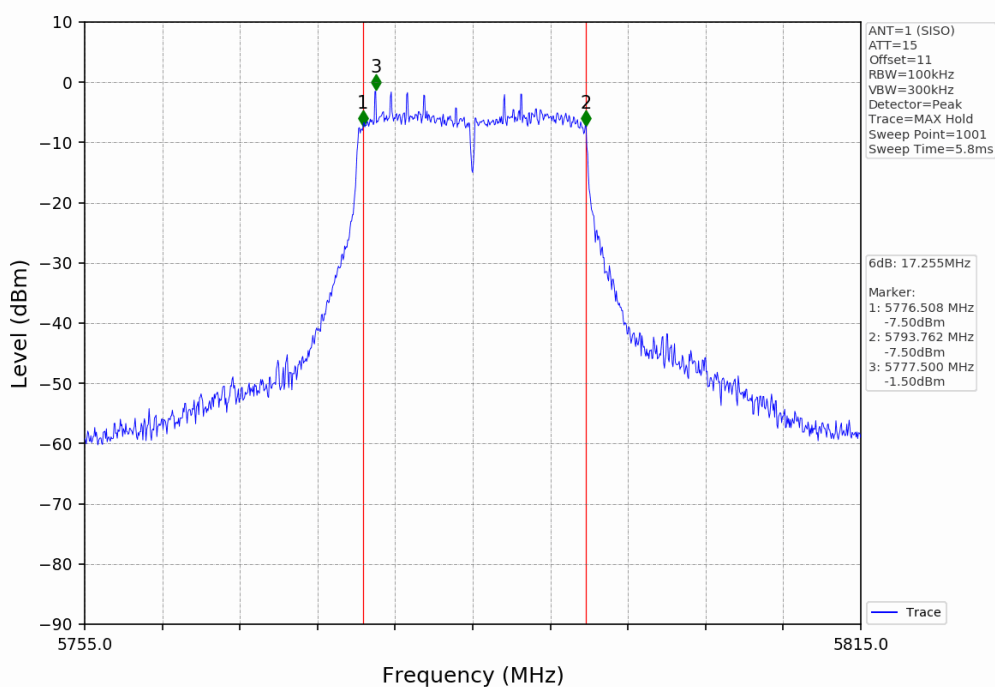
802.11ac(VHT20)_SISO_ANT1_5805



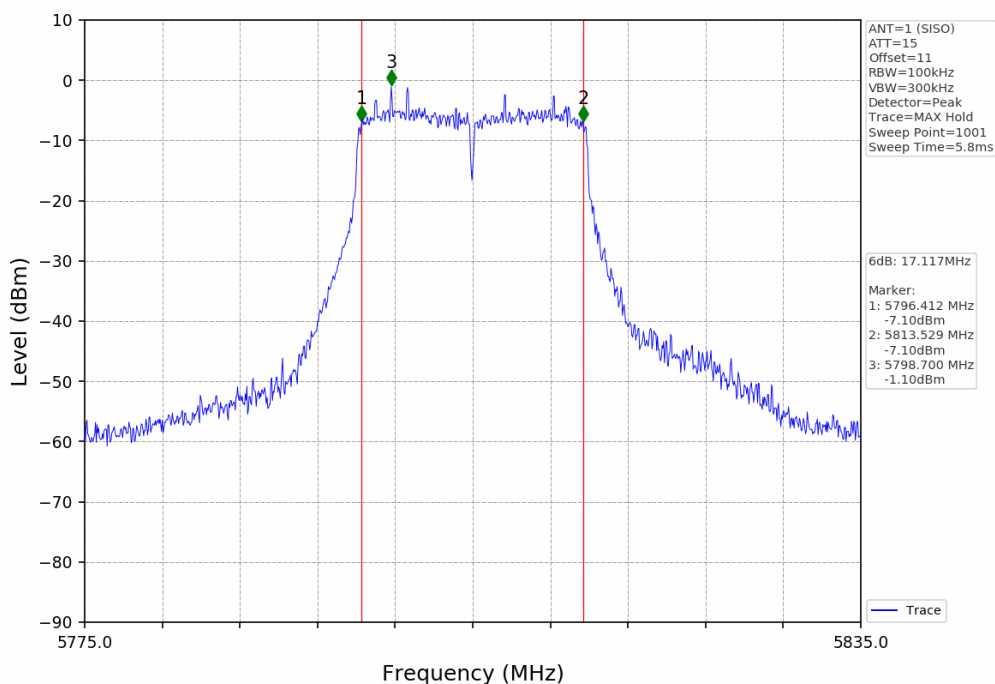
802.11ac(VHT20)_SISO_ANT2_5745



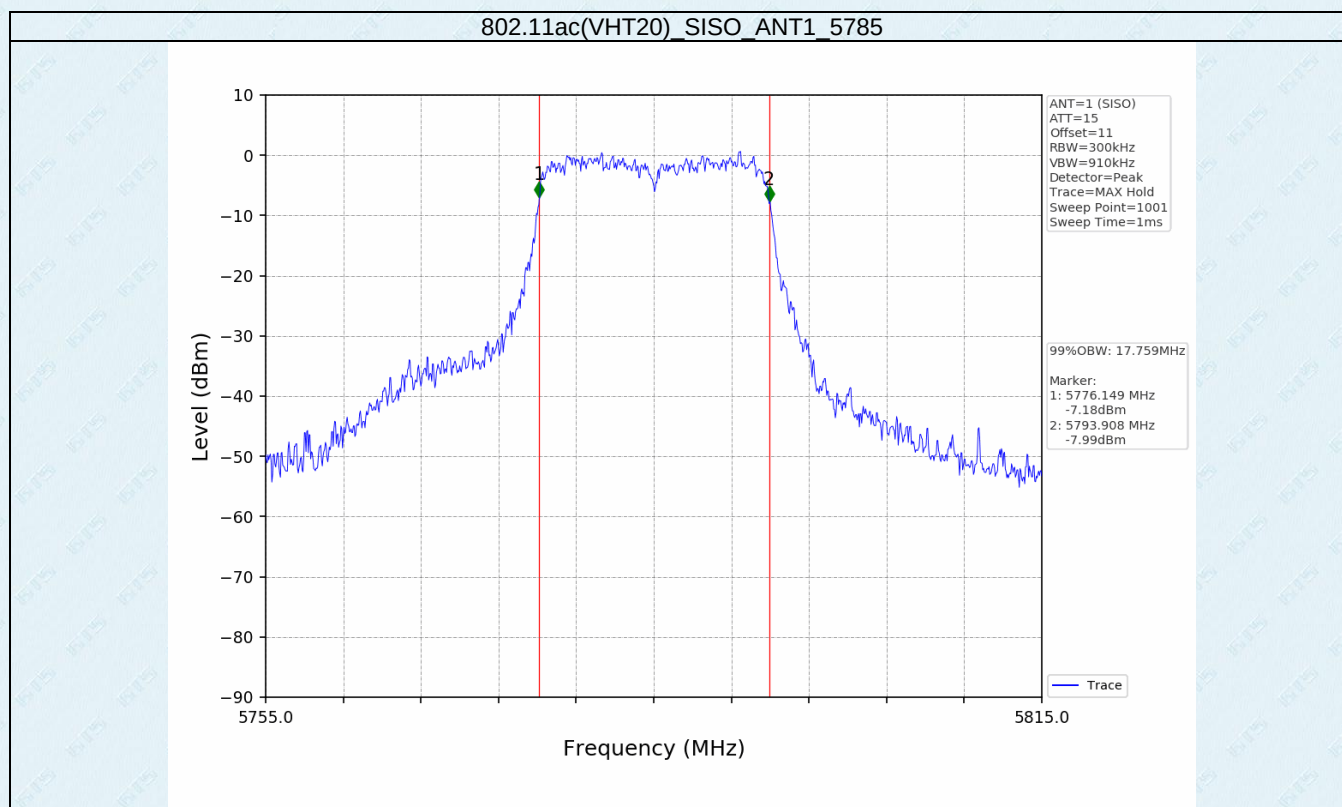
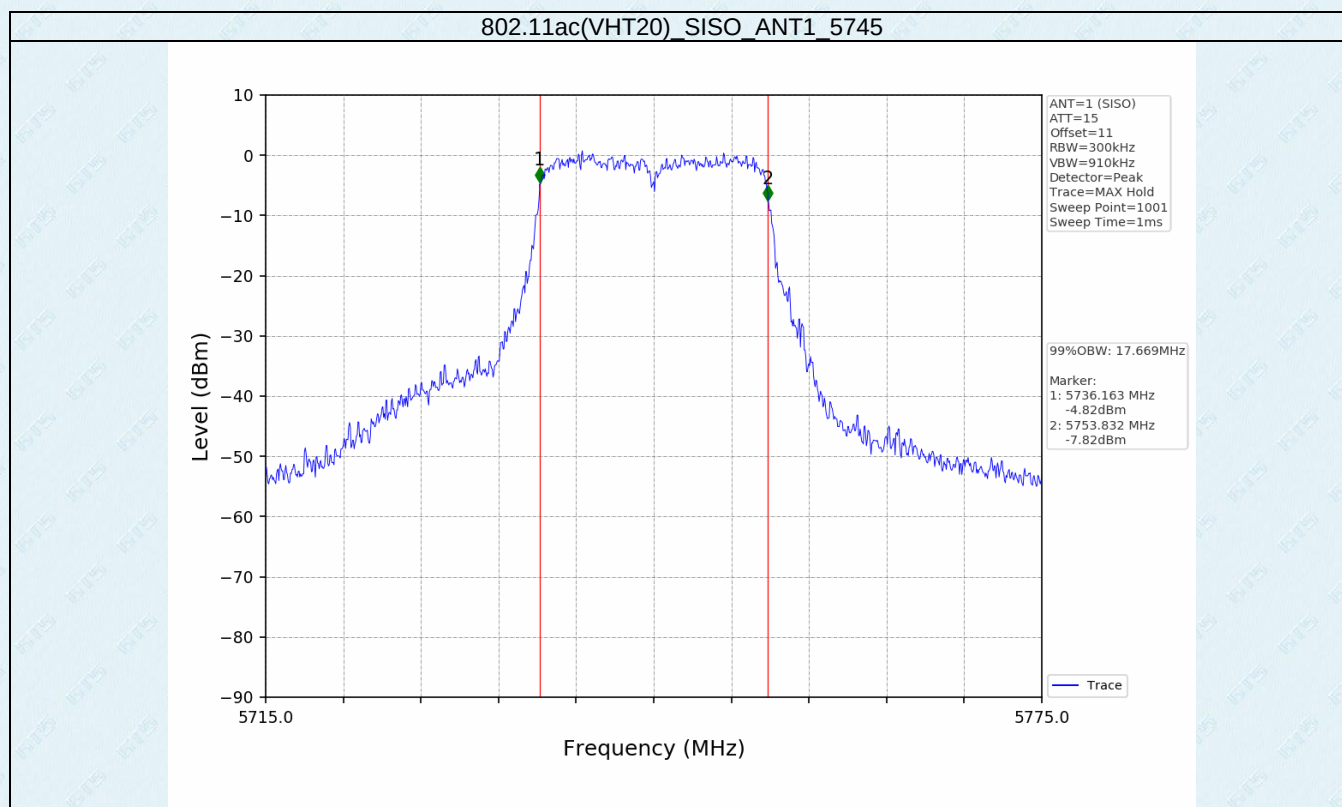
802.11ac(VHT20) SISO ANT2 5785



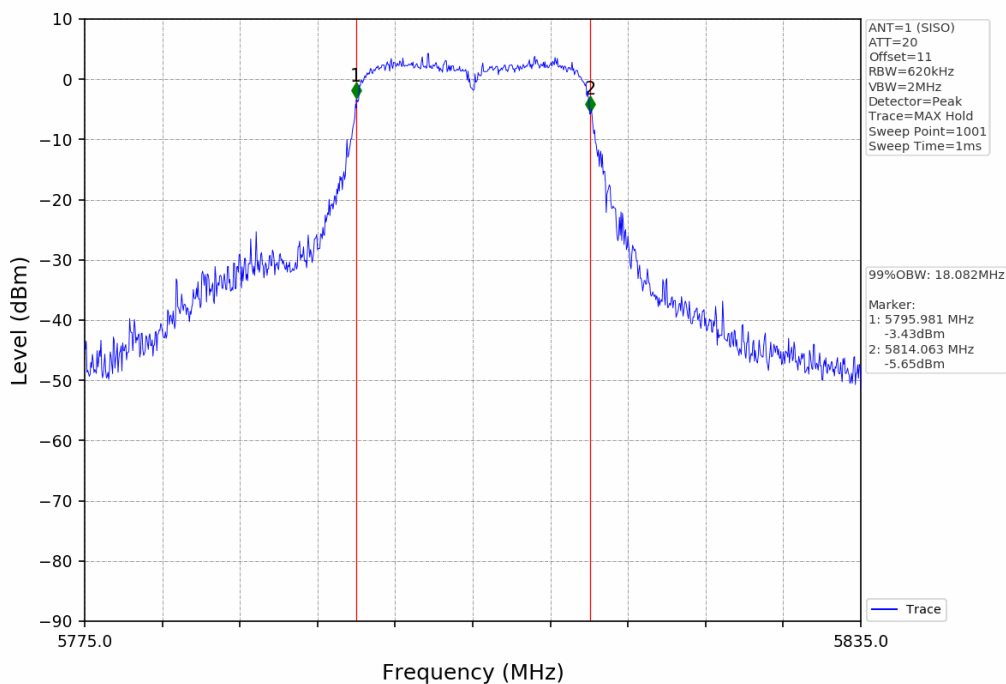
802.11ac(VHT20) SISO ANT2 5805



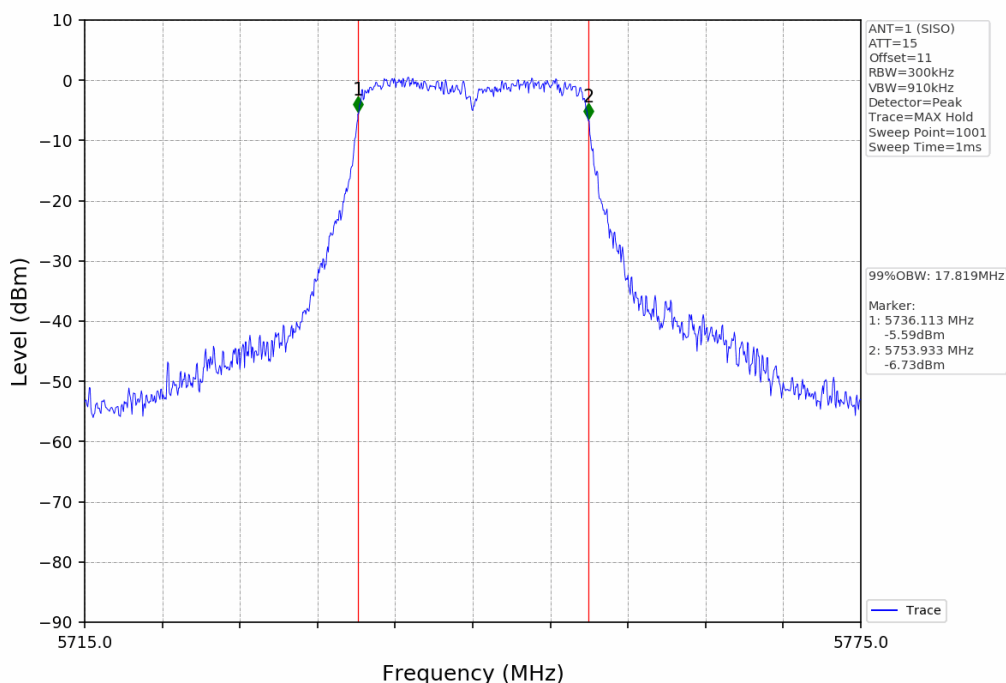
2.3 Test Graph - 99% Occupied Bandwidth



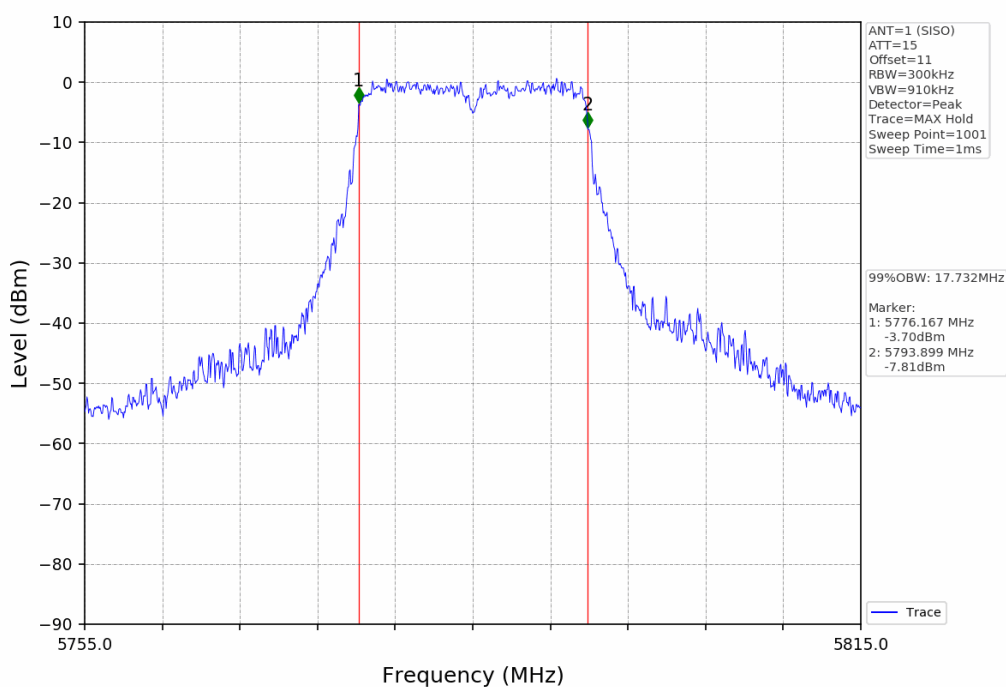
802.11ac(VHT20)_SISO_ANT1_5805



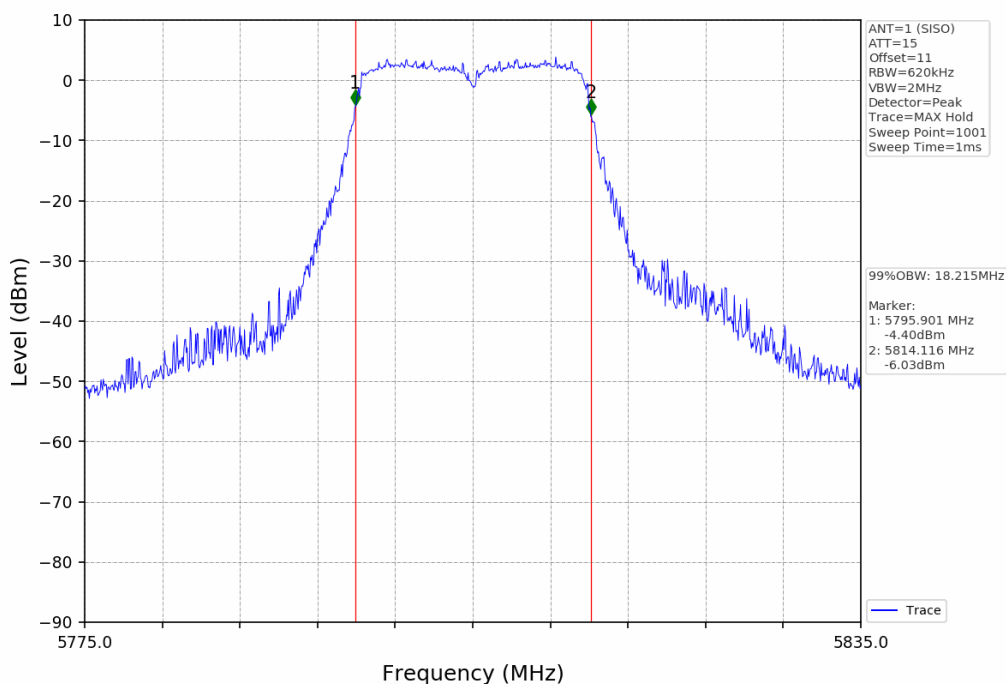
802.11ac(VHT20)_SISO_ANT2_5745



802.11ac(VHT20) SISO ANT2 5785



802.11ac(VHT20) SISO ANT2 5805



3. Maximum Conducted Output Power

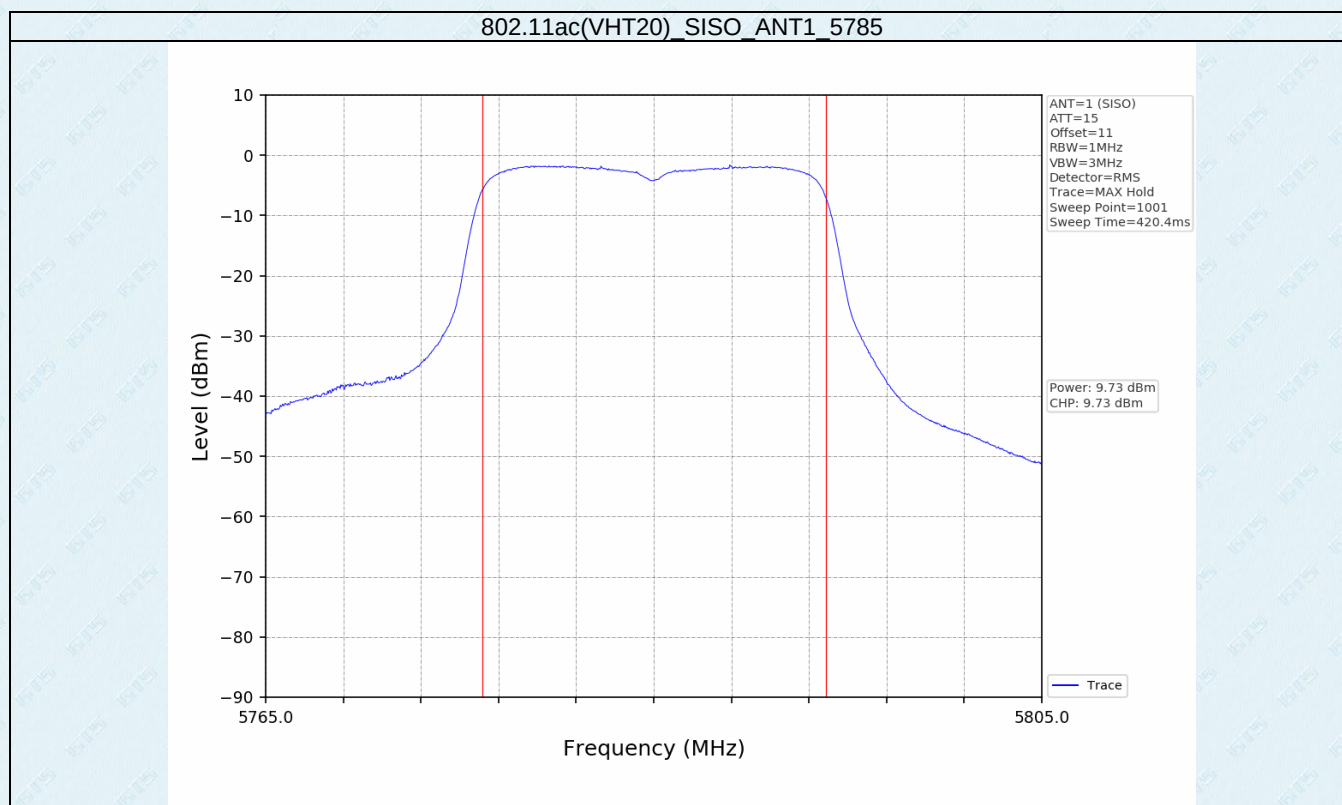
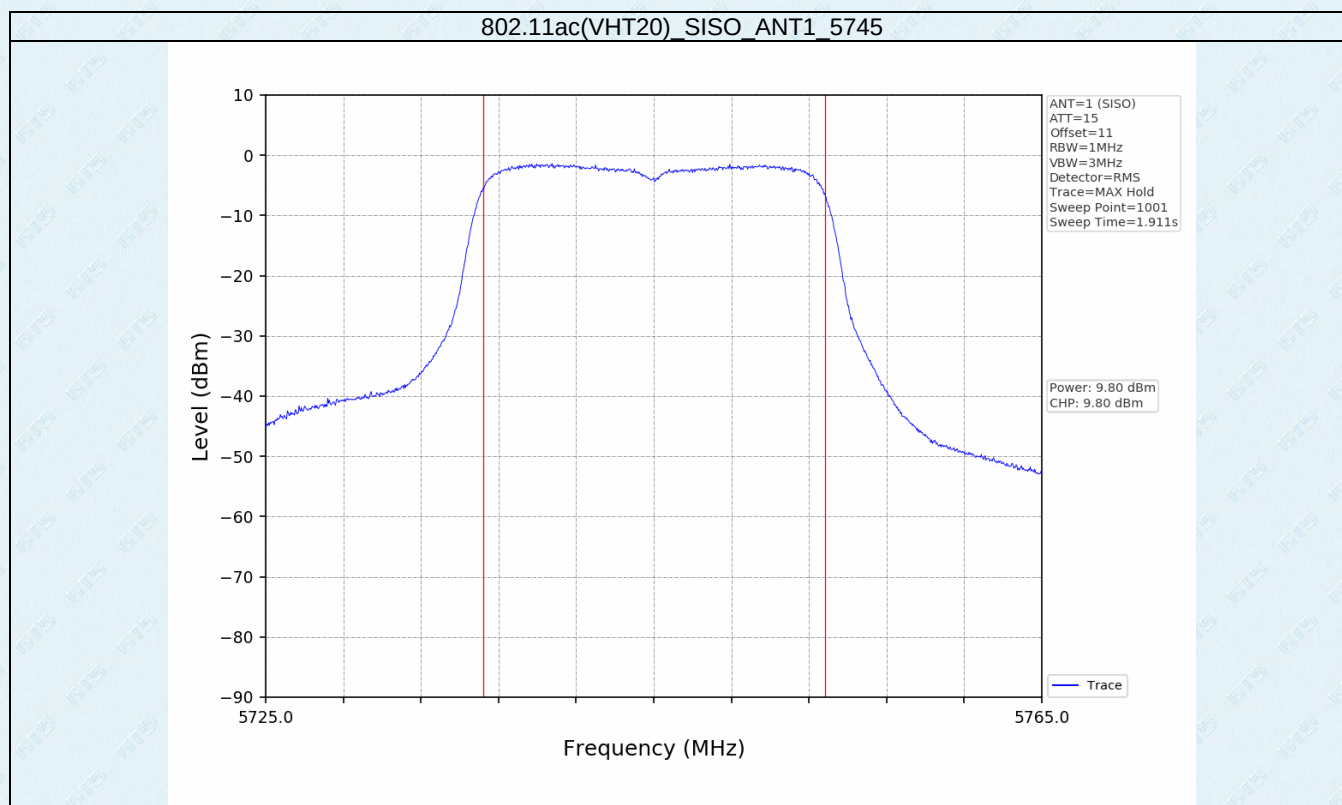
3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11ac(VHT20)	5745	SISO	9.80	≤30.00	PASS
	5785	SISO	9.73	≤30.00	PASS
	5805	SISO	9.15	≤30.00	PASS

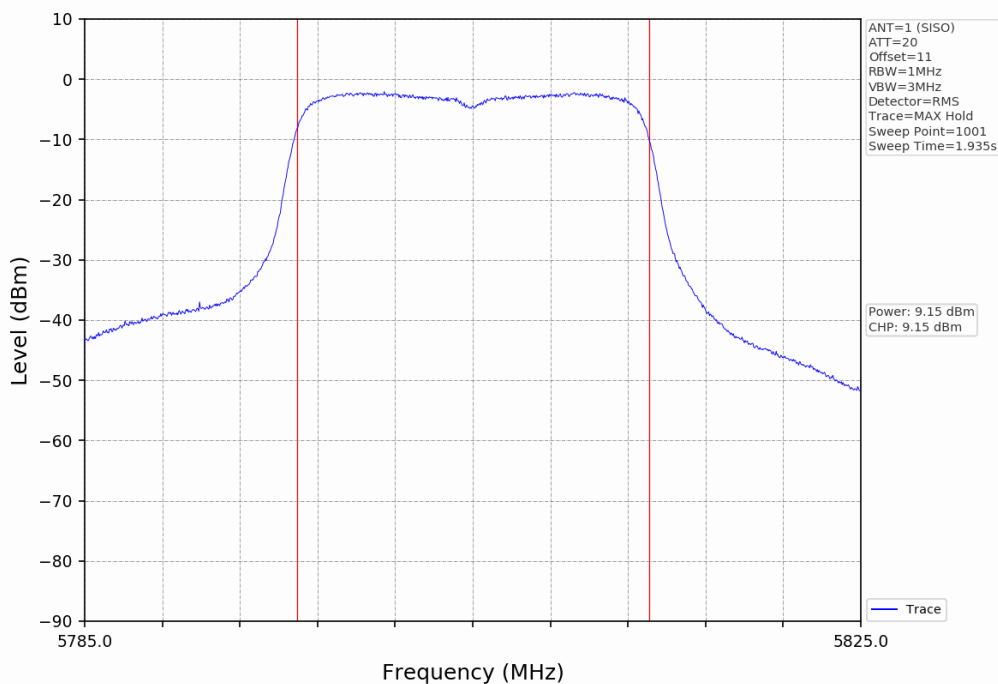
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 2		
802.11ac(VHT20)	5745	SISO	9.81	≤30.00	PASS
	5785	SISO	9.89	≤30.00	PASS
	5805	SISO	9.94	≤30.00	PASS

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
802.11ac(VHT20)	5745	MIMO	10.99	≤30.00	PASS
	5785	MIMO	11.00	≤30.00	PASS
	5805	MIMO	10.84	≤30.00	PASS

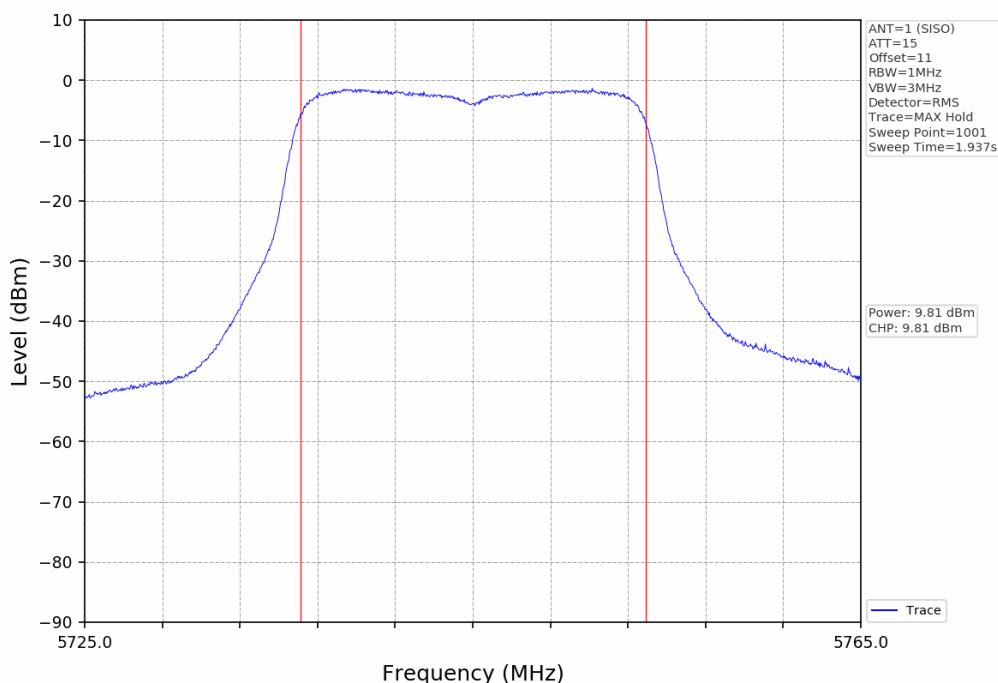
3.2 Test Graph



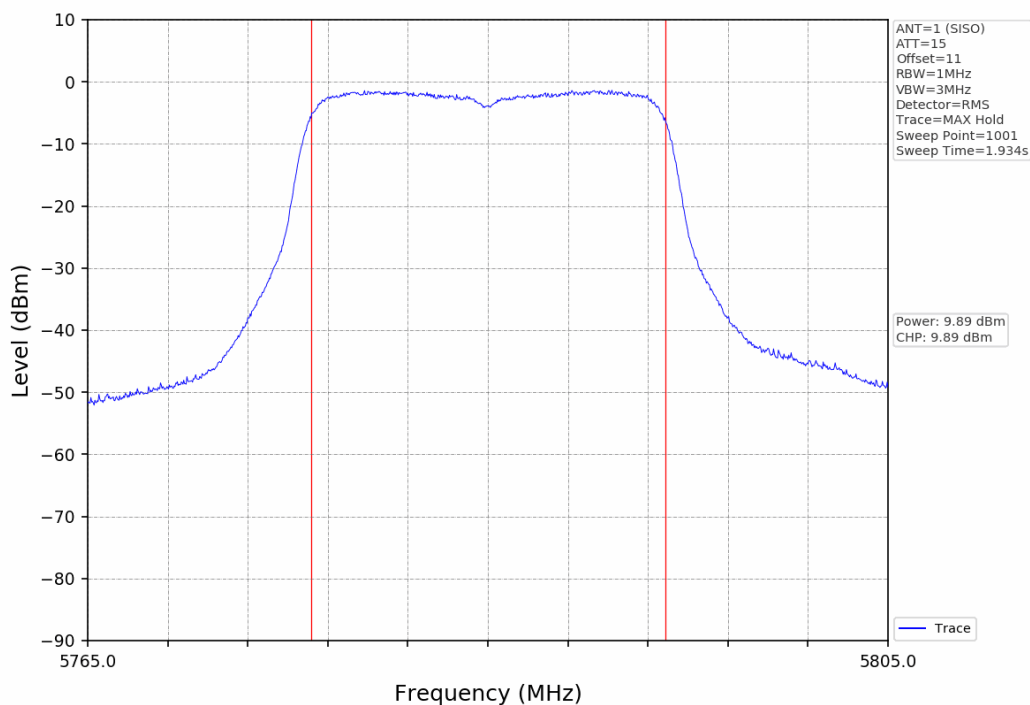
802.11ac(VHT20) SISO ANT1 5805



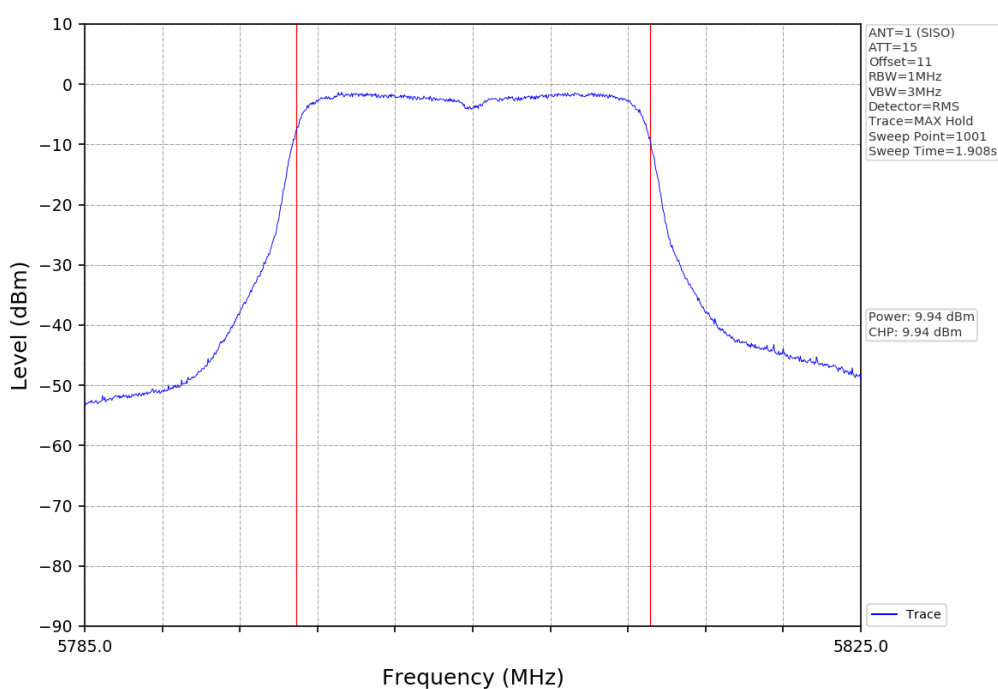
802.11ac(VHT20) SISO ANT2 5745

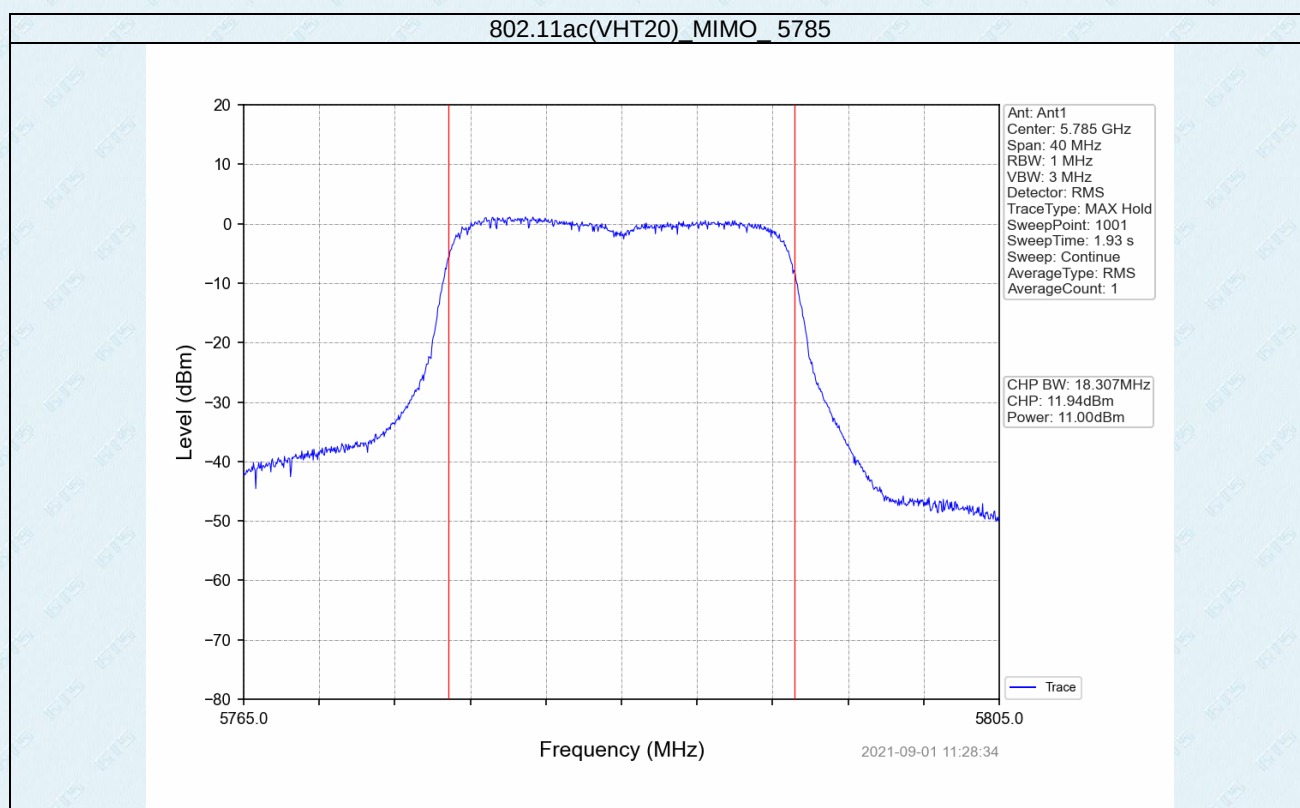
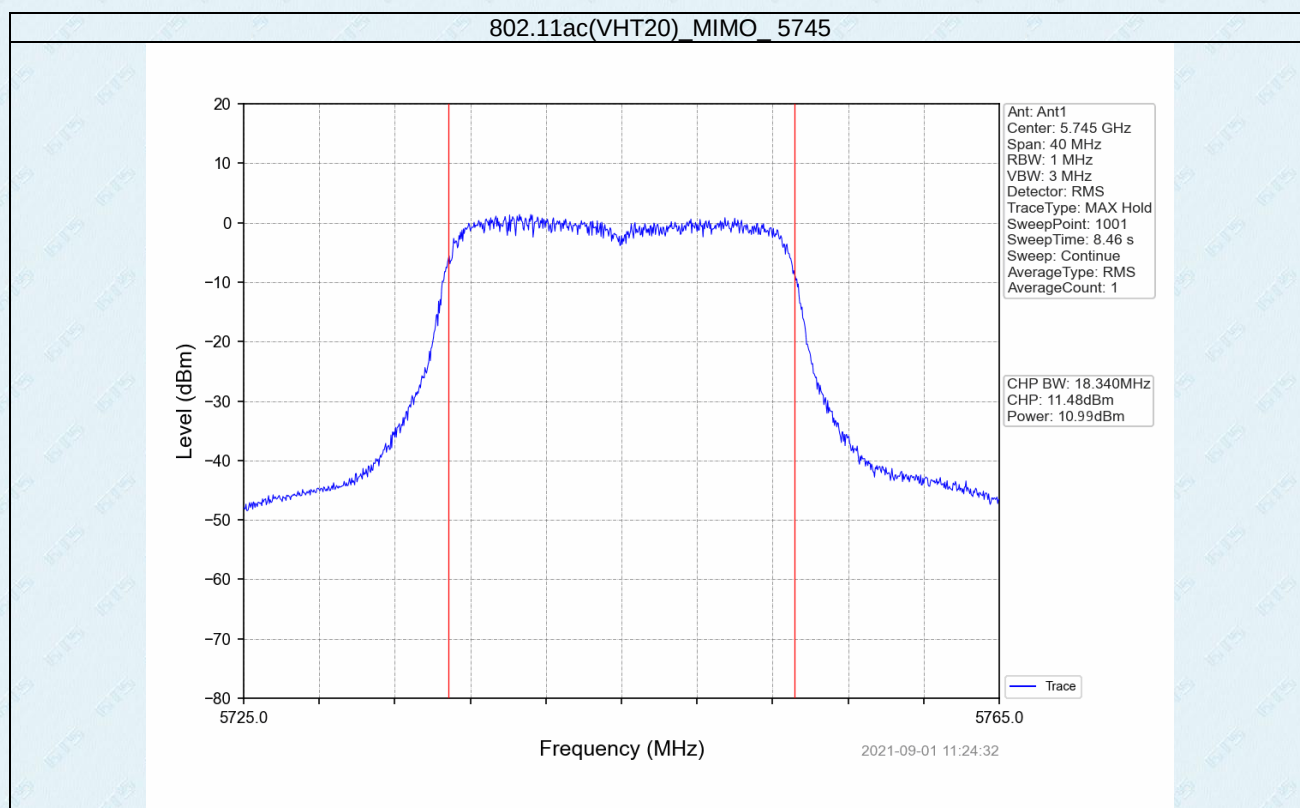


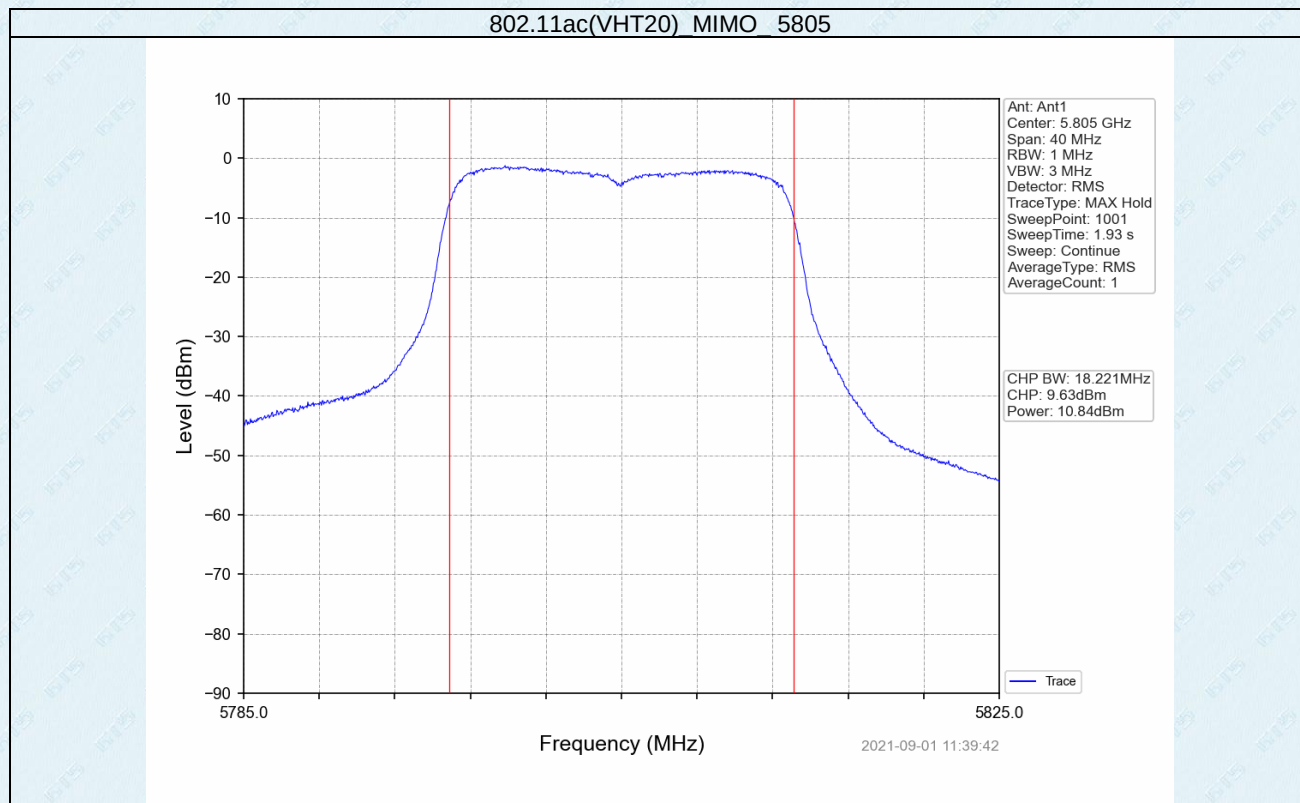
802.11ac(VHT20) SISO ANT2 5785



802.11ac(VHT20) SISO ANT2 5805







4. Maximum Power Spectral Density (PSD)

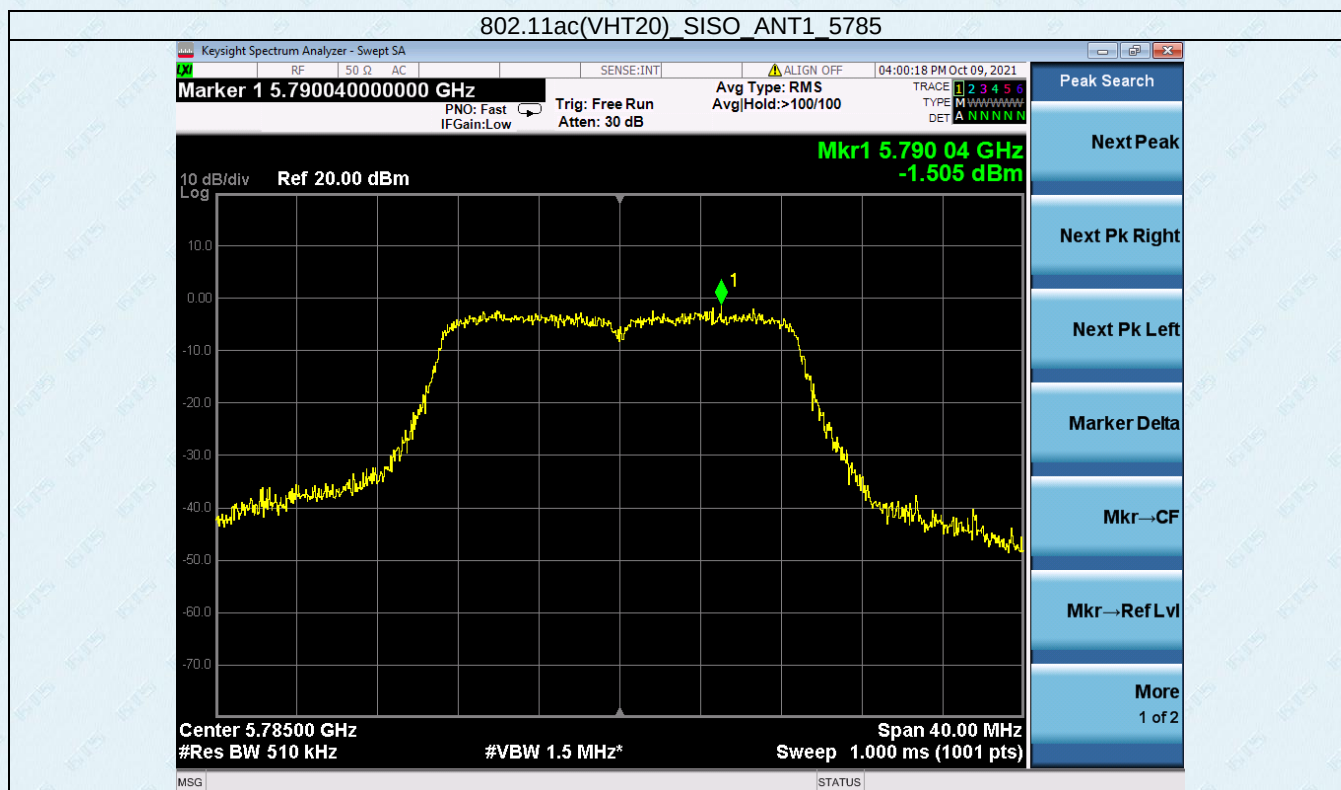
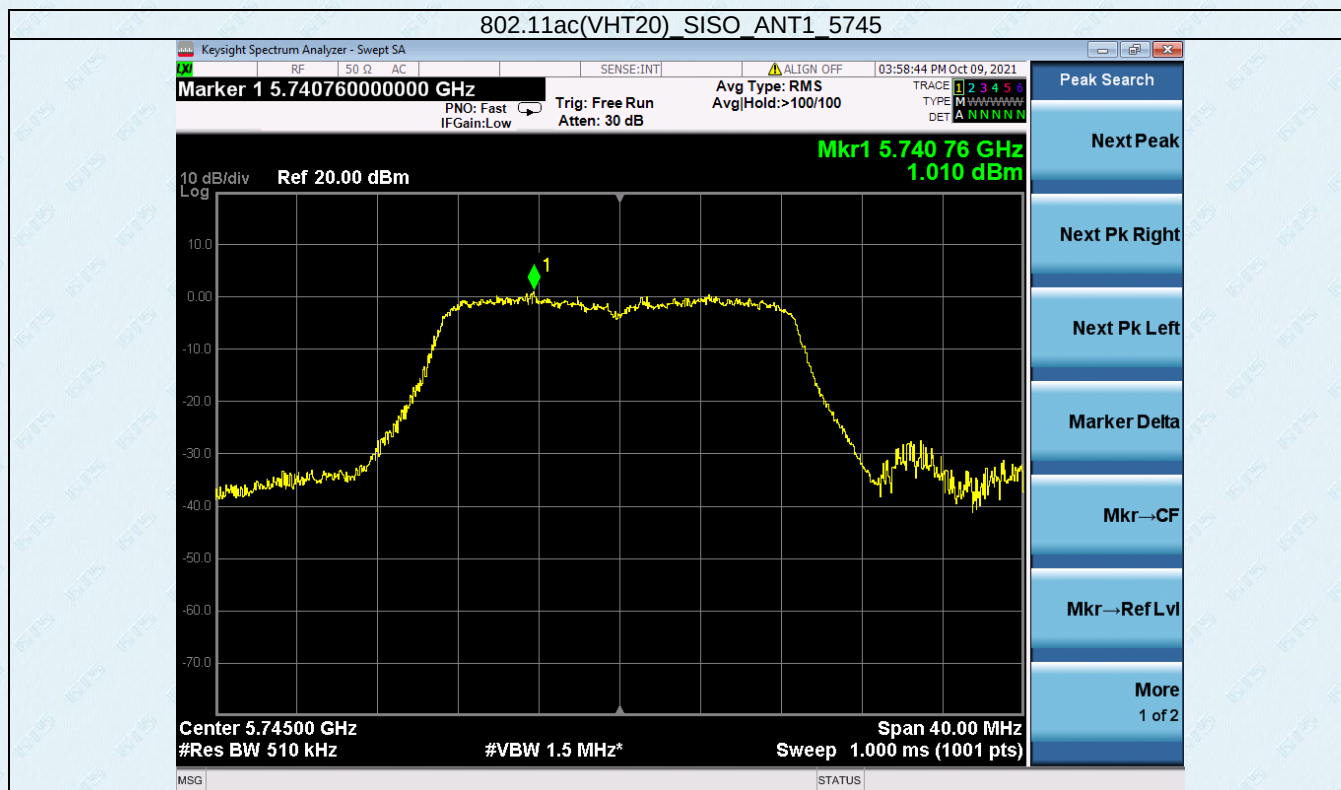
4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11ac(VHT20)	5745	SISO	1.01	≤30	PASS
	5785	SISO	-1.51	≤30	PASS
	5805	SISO	-1.05	≤30	PASS

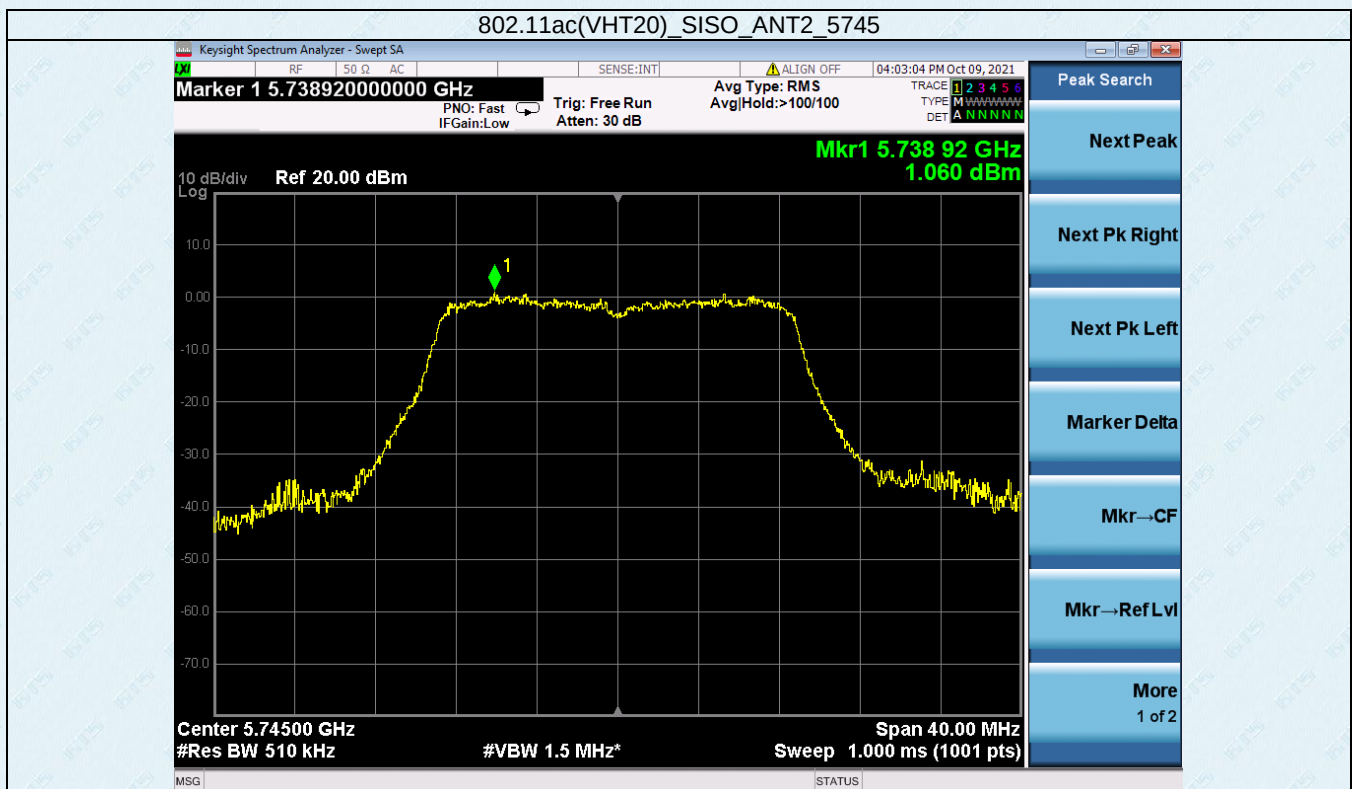
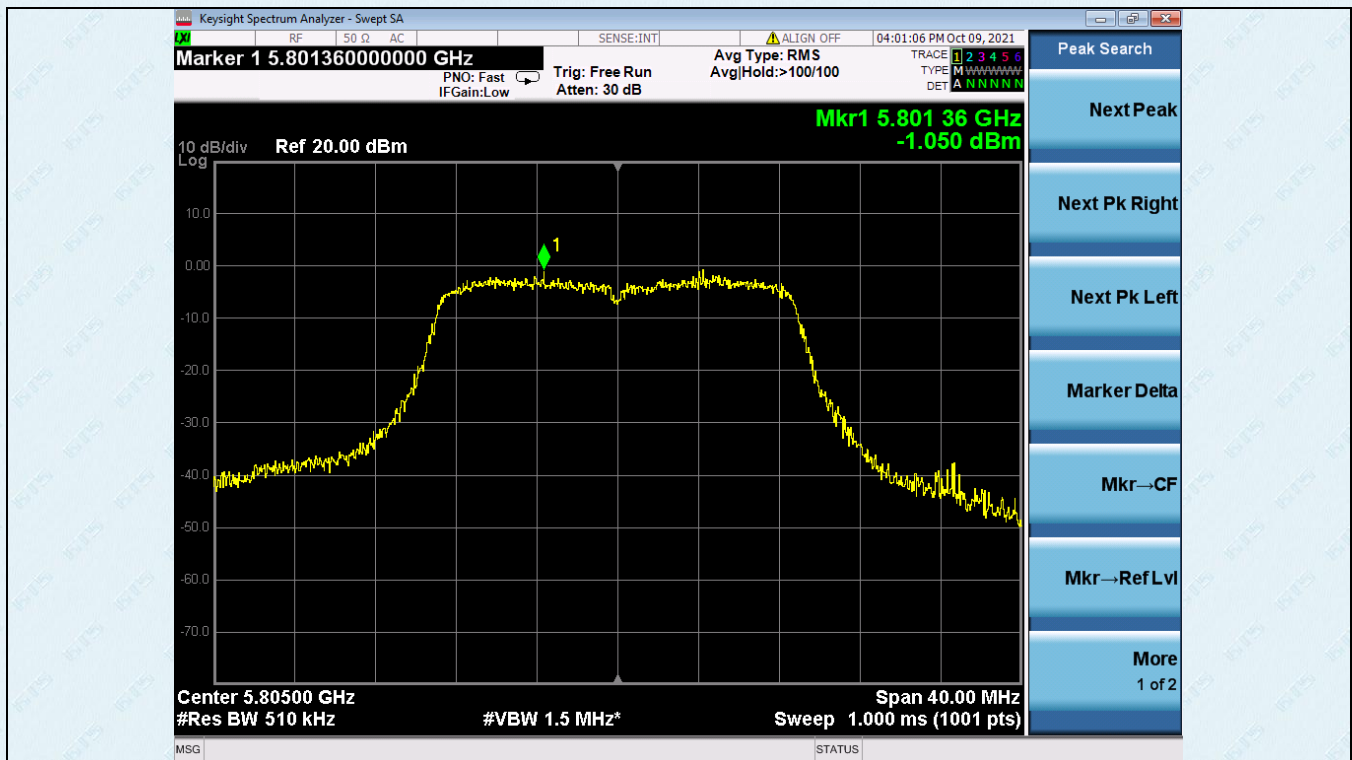
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 2		
802.11ac(VHT20)	5745	SISO	1.06	≤30	PASS
	5785	SISO	0.23	≤30	PASS
	5805	SISO	0.28	≤30	PASS

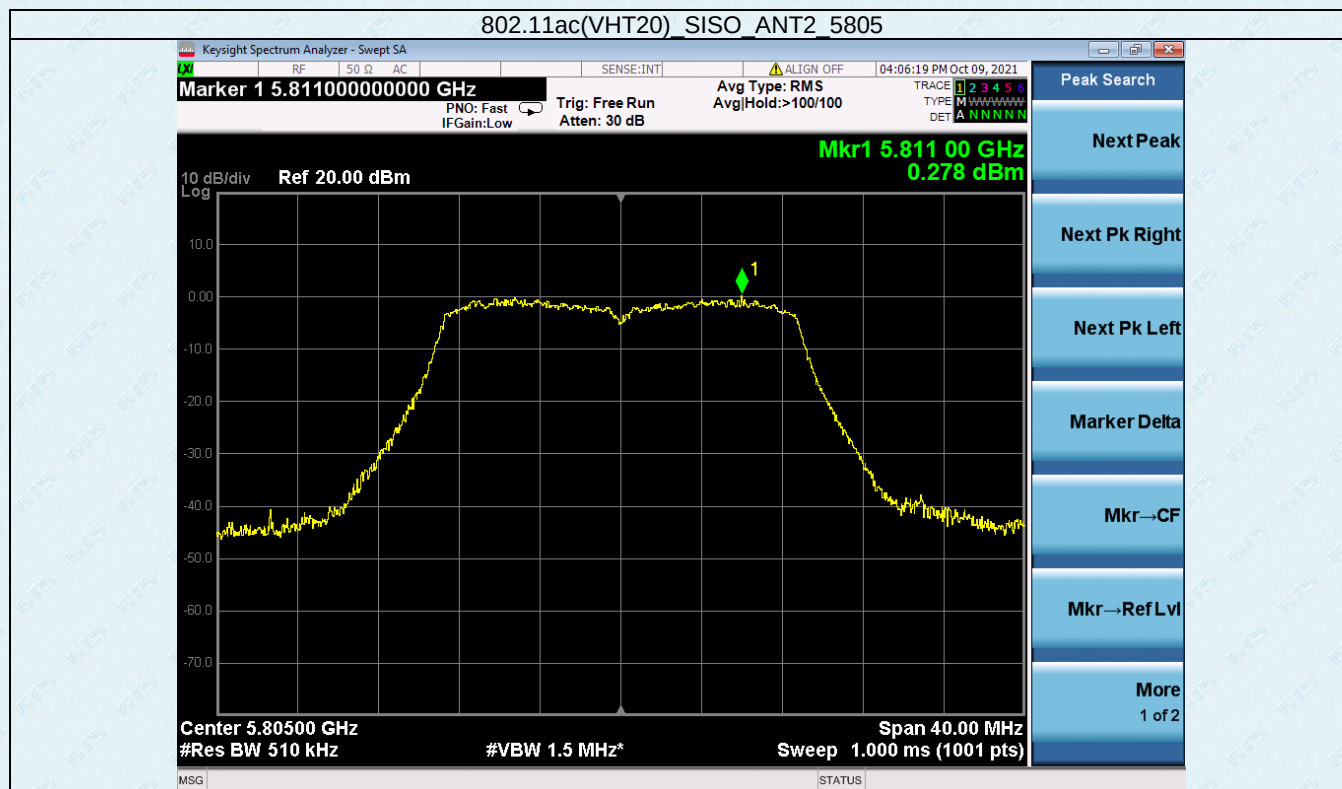
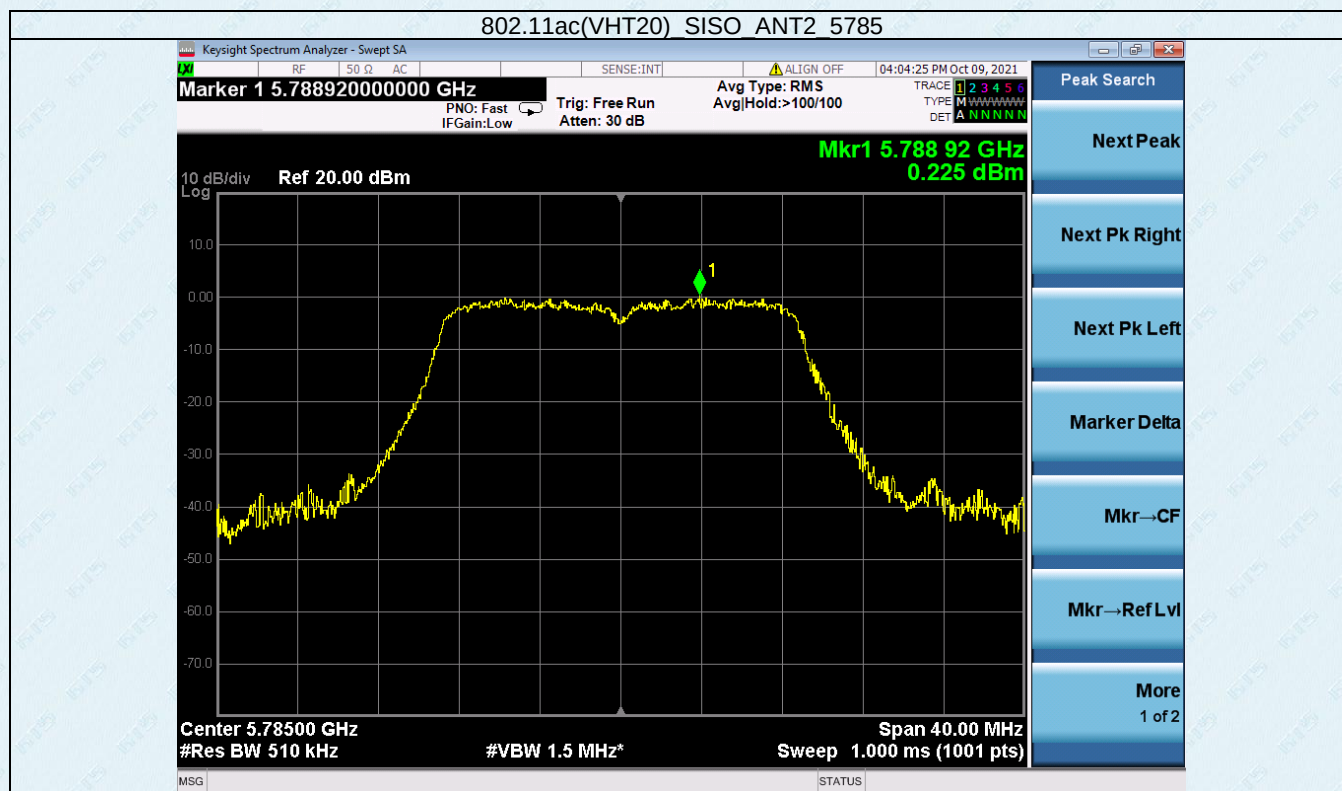
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
802.11ac(VHT20)	5745	MIMO	1.28	≤30	PASS
	5785	MIMO	-1.47	≤30	PASS
	5805	MIMO	-1.99	≤30	PASS

4.2 Test Graph

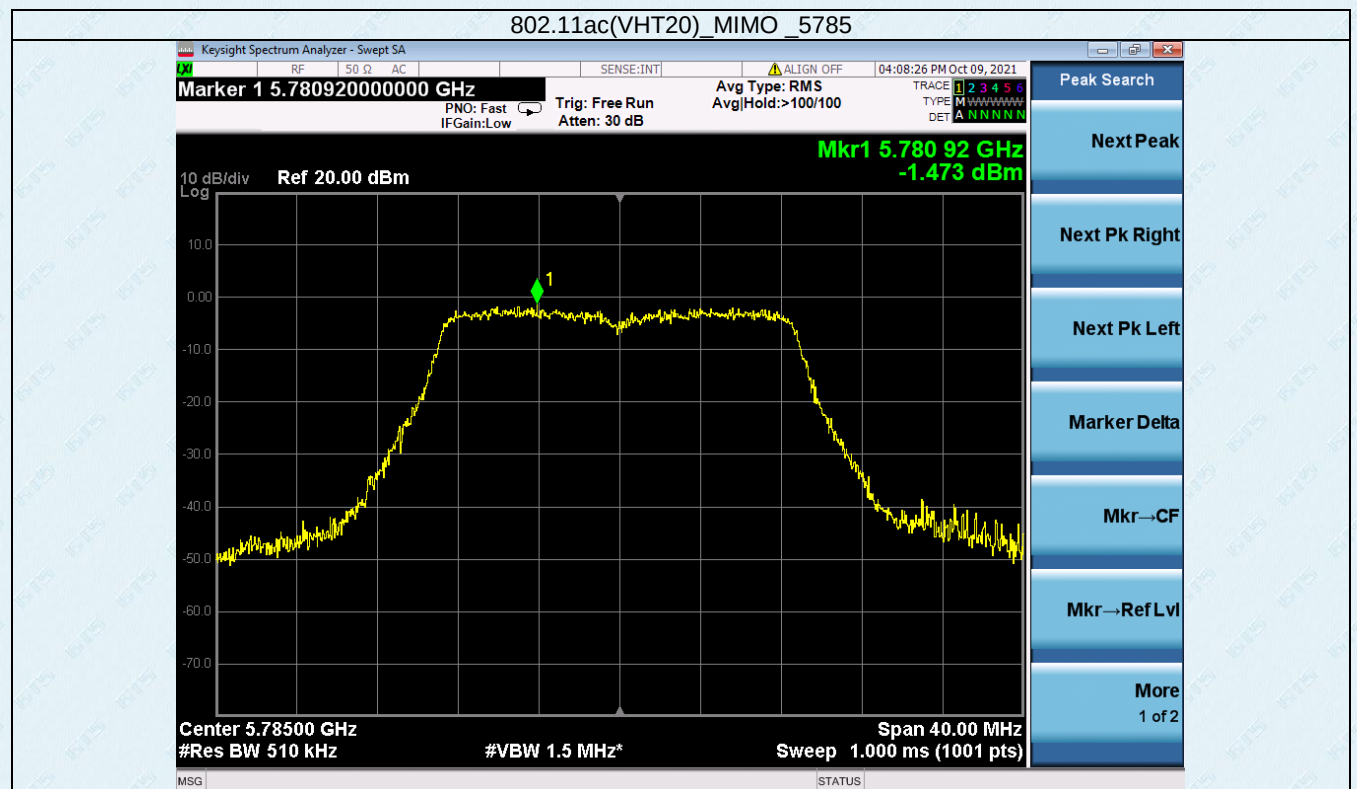
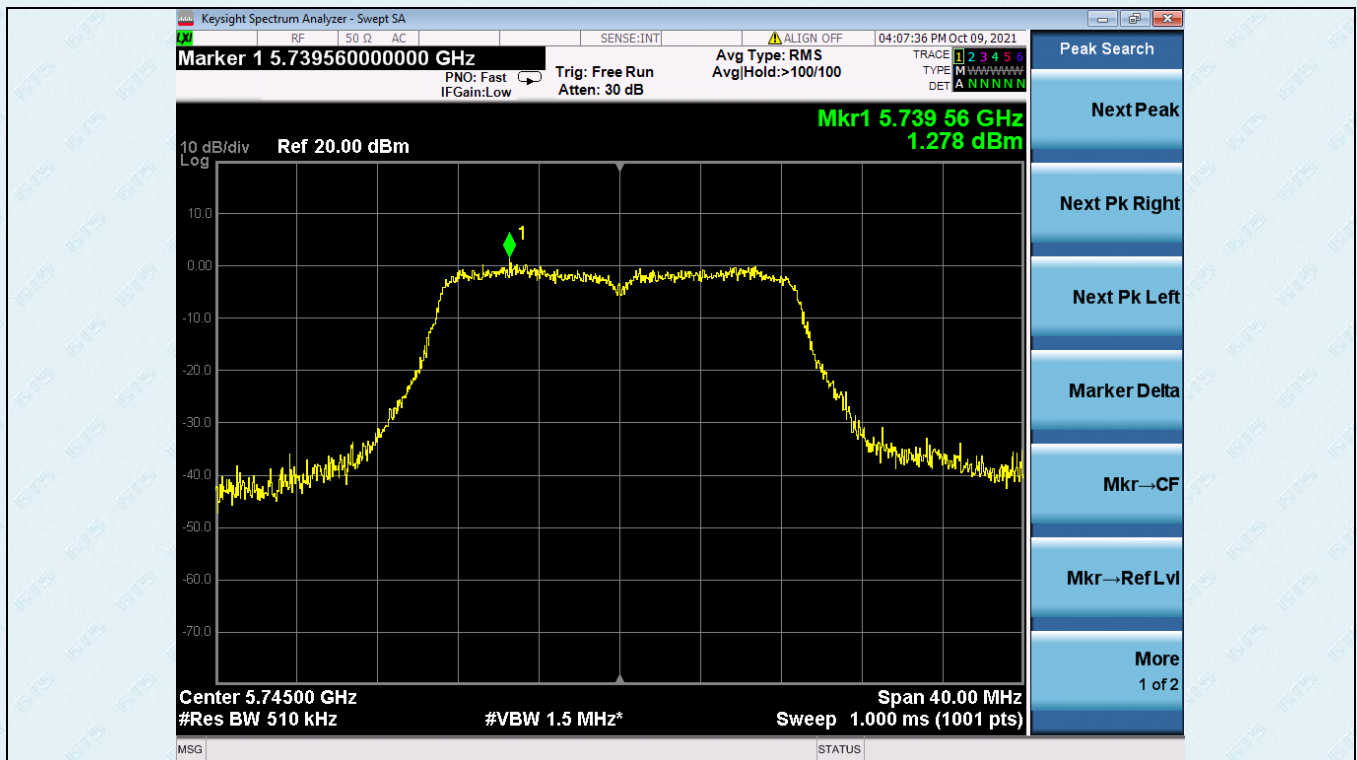


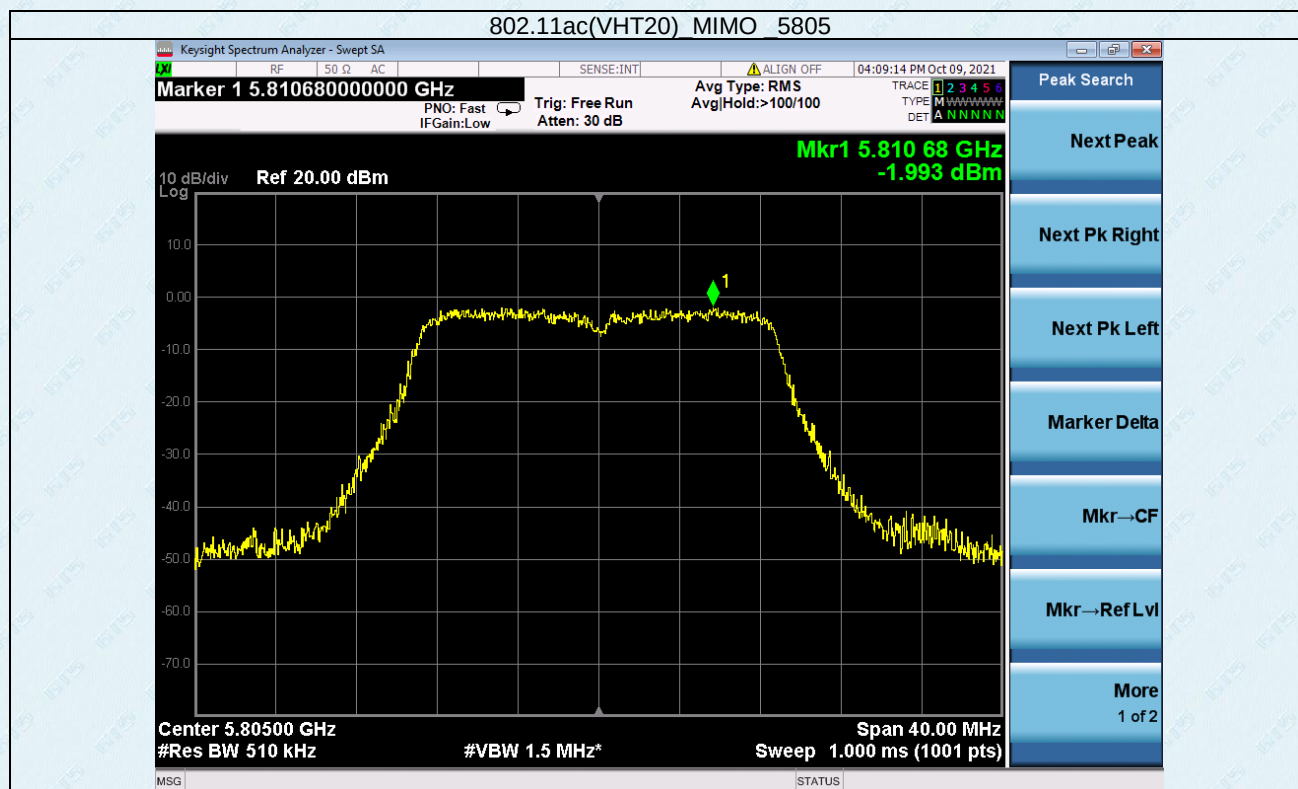
802.11ac(VHT20)_SISO_ANT1_5805





802.11ac(VHT20)_MIMO_5745





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
		5785	1	-3.46	<=20	PASS
		5805	1	-8.61	<=20	PASS
		5745	2	-8.01	<=20	PASS
		5785	2	-8.12	<=20	PASS
		5805	2	-8.44	<=20	PASS

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