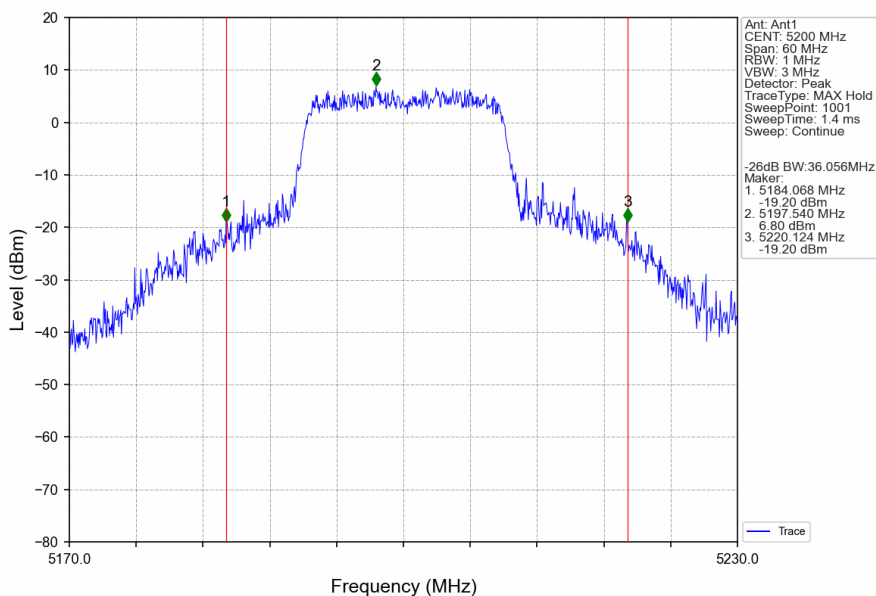
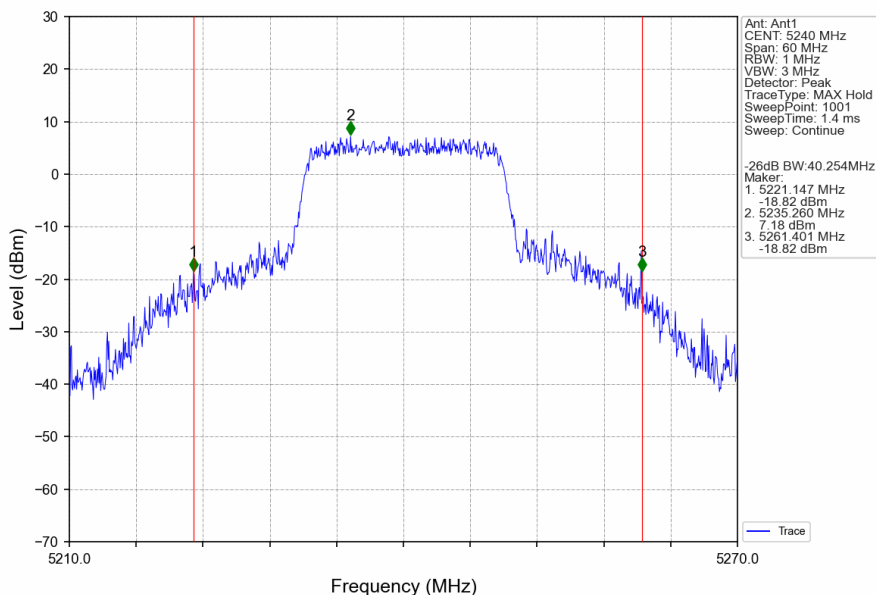


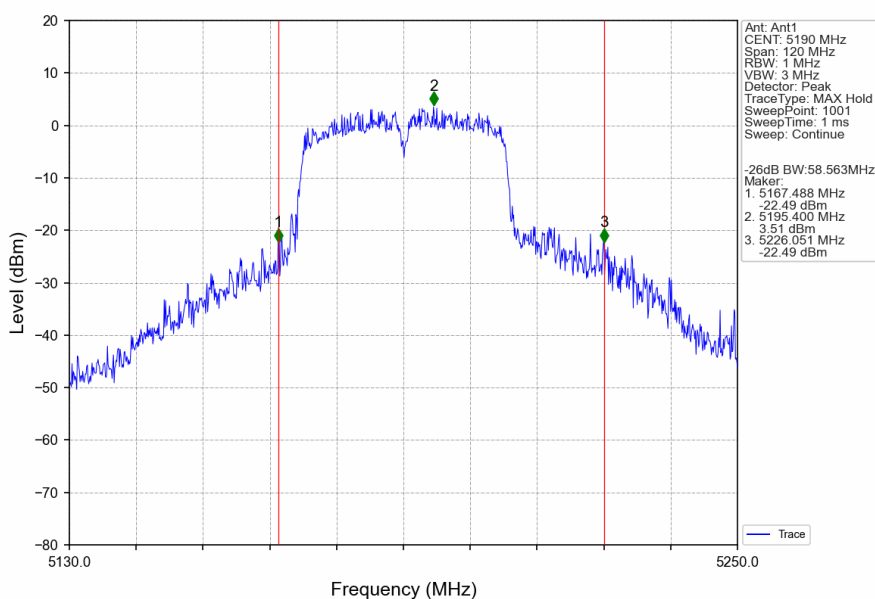
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



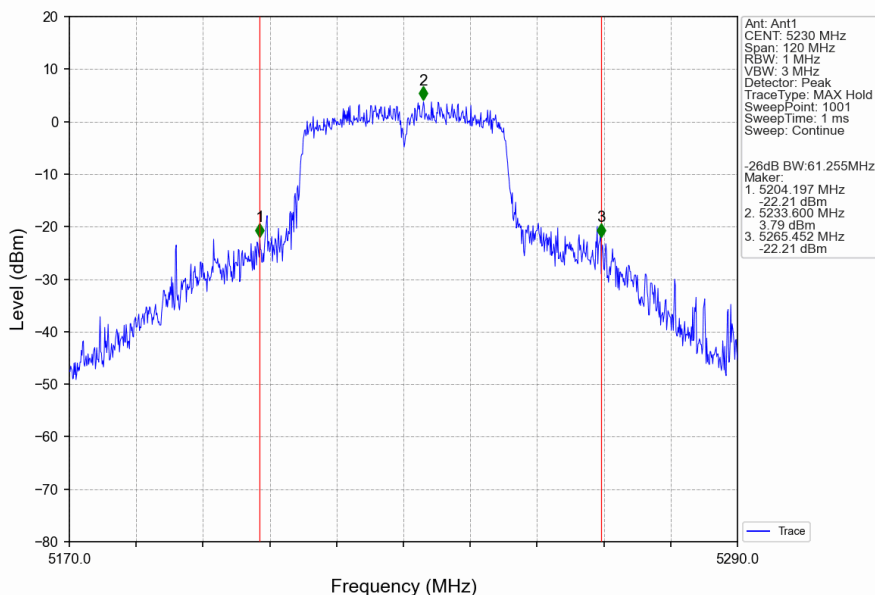
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



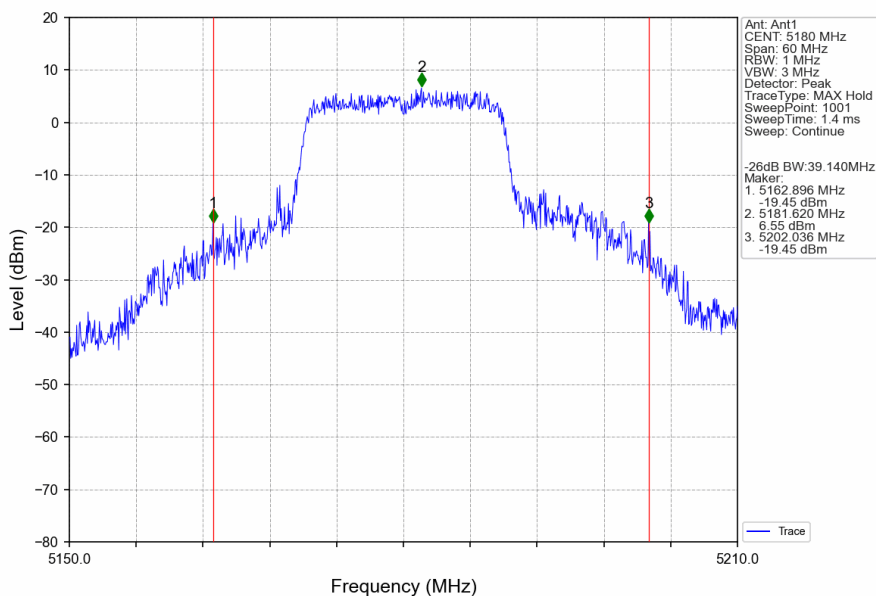
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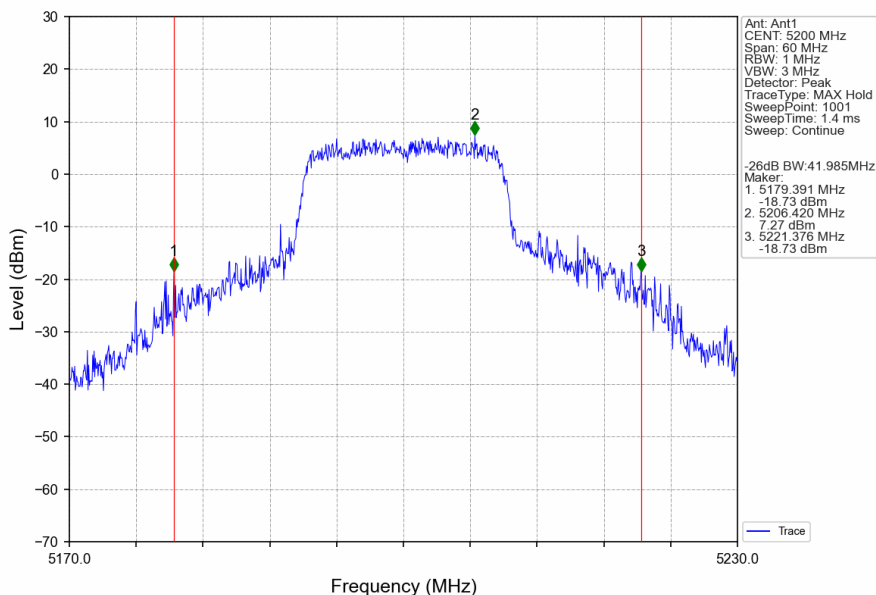
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



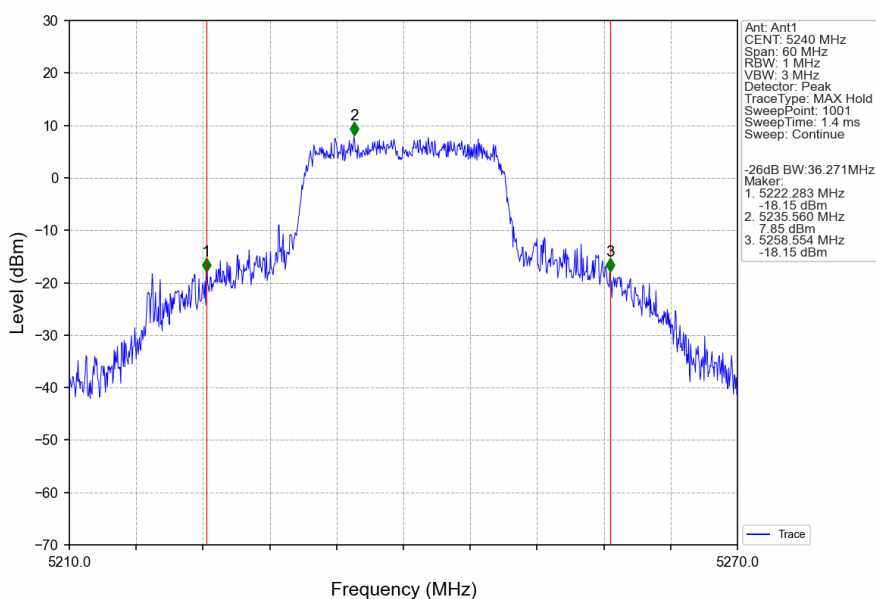
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



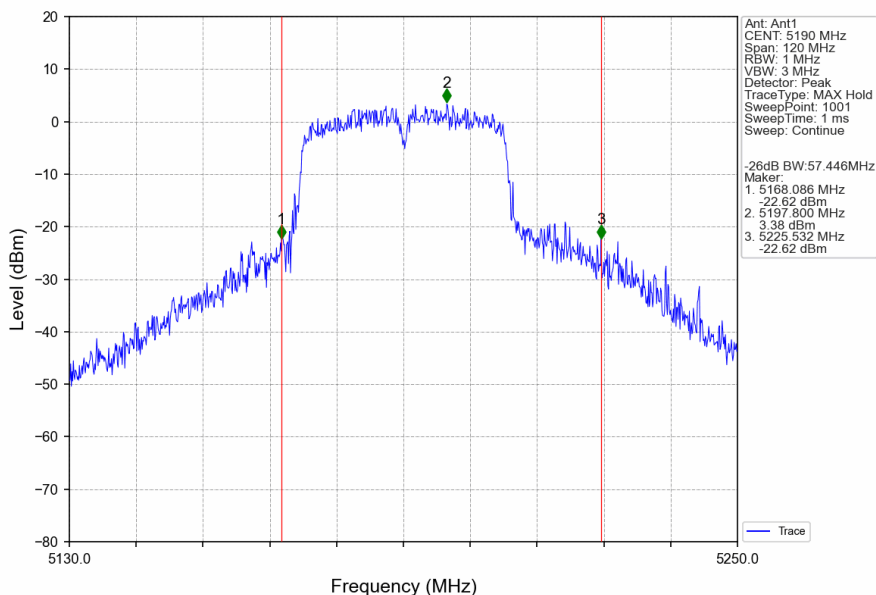
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



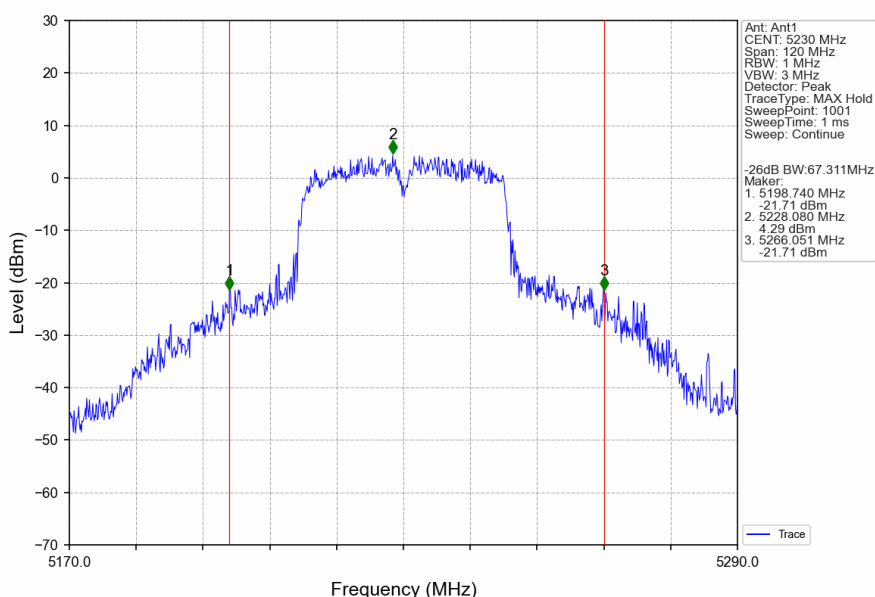
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



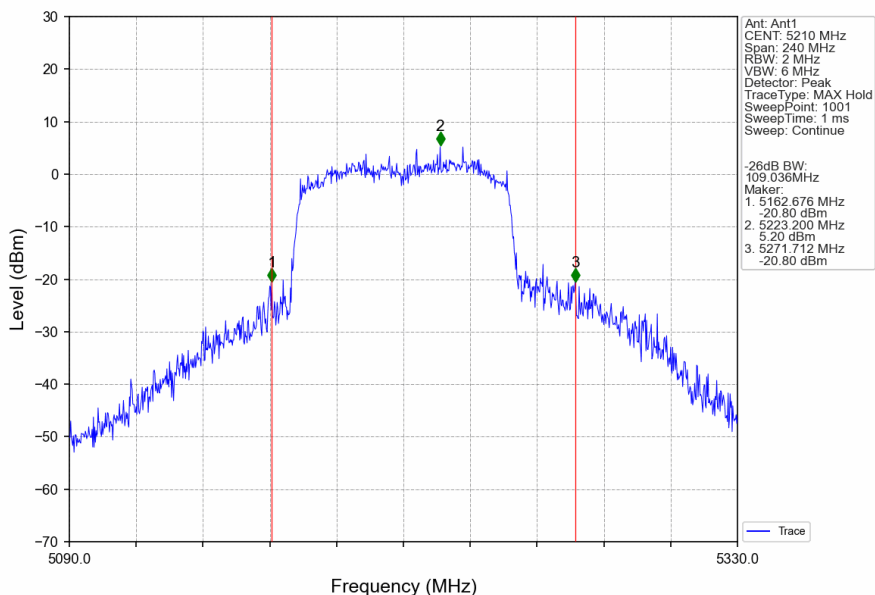
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	10.06	<=23.98	Pass
		5200	9.93	<=23.98	Pass
		5240	10.69	<=23.98	Pass
802.11n (HT20)	SISO	5180	9.98	<=23.98	Pass
		5200	10.18	<=23.98	Pass
		5240	11.09	<=23.98	Pass
802.11n (HT40)	SISO	5190	9.72	<=23.98	Pass
		5230	10.63	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	10.41	<=23.98	Pass
		5200	10.64	<=23.98	Pass
		5240	11.46	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	9.82	<=23.98	Pass
		5230	10.79	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	9.56	<=23.98	Pass



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-4.97	<=11	Pass
		5200	-1.08	<=11	Pass
		5240	-0.60	<=11	Pass
802.11n (HT20)	SISO	5180	-1.40	<=11	Pass
		5200	-1.07	<=11	Pass
		5240	-0.01	<=11	Pass
802.11n (HT40)	SISO	5190	-4.09	<=11	Pass
		5230	-3.30	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.52	<=11	Pass
		5200	-0.75	<=11	Pass
		5240	0.05	<=11	Pass
802.11ac (VHT40)	SISO	5190	-4.09	<=11	Pass
		5230	-2.77	<=11	Pass
802.11ac (VHT80)	SISO	5210	-7.45	<=11	Pass

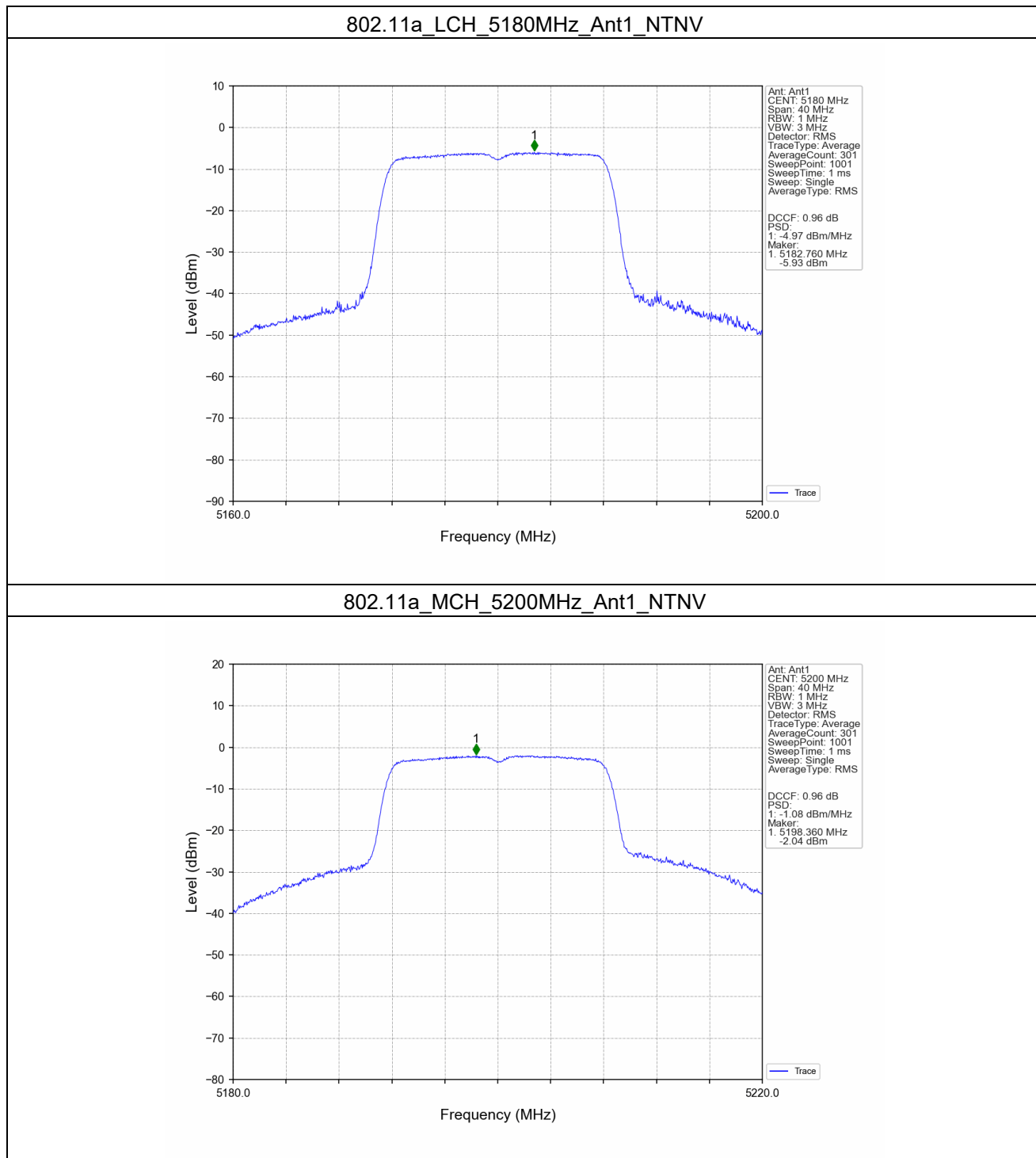


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4.2 Test Graph

4.2.1 PSD



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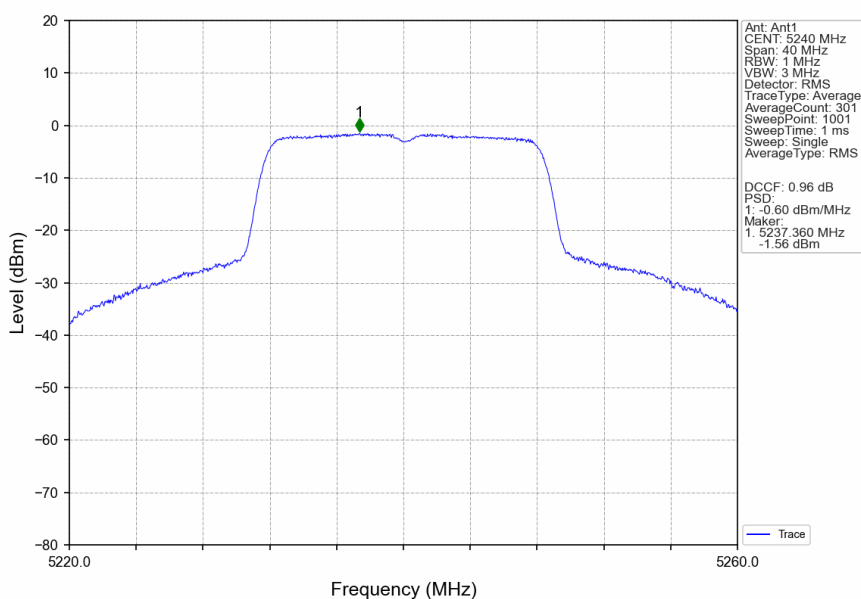
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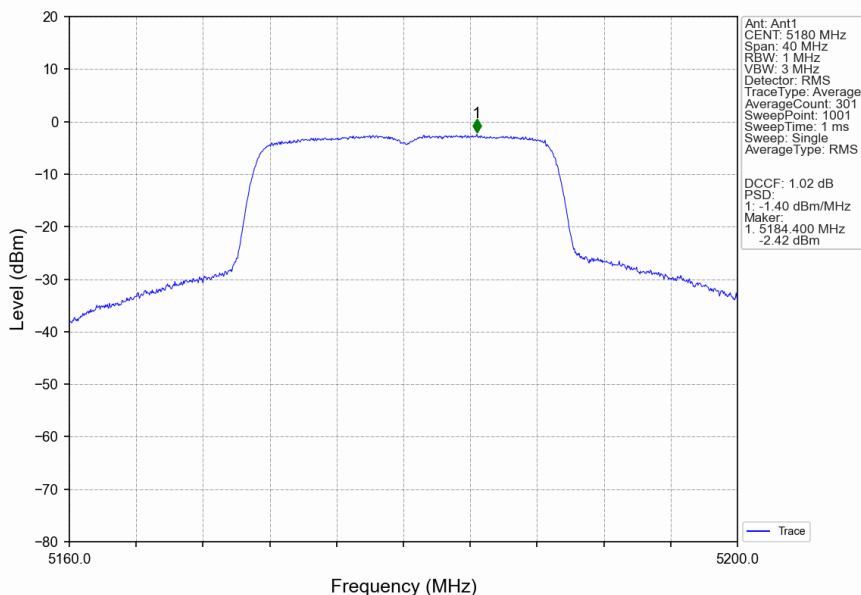
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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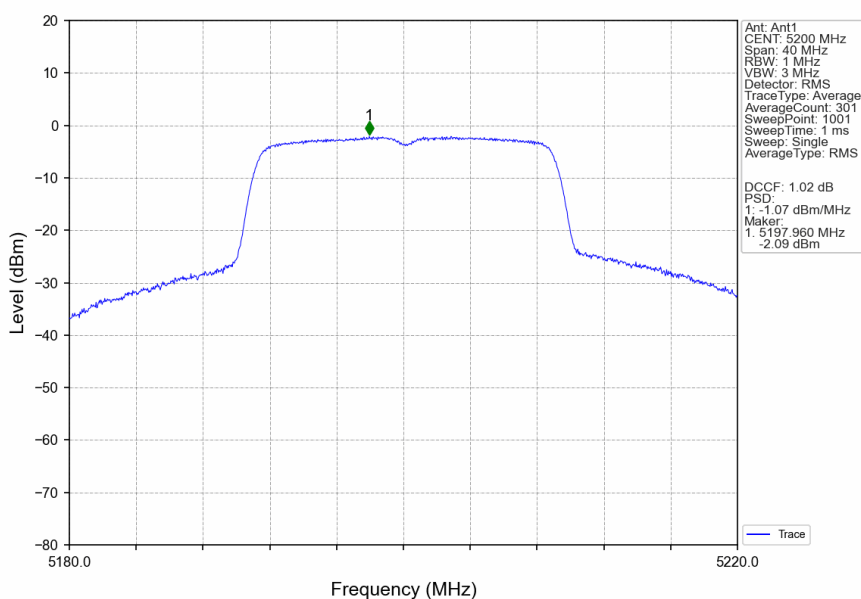
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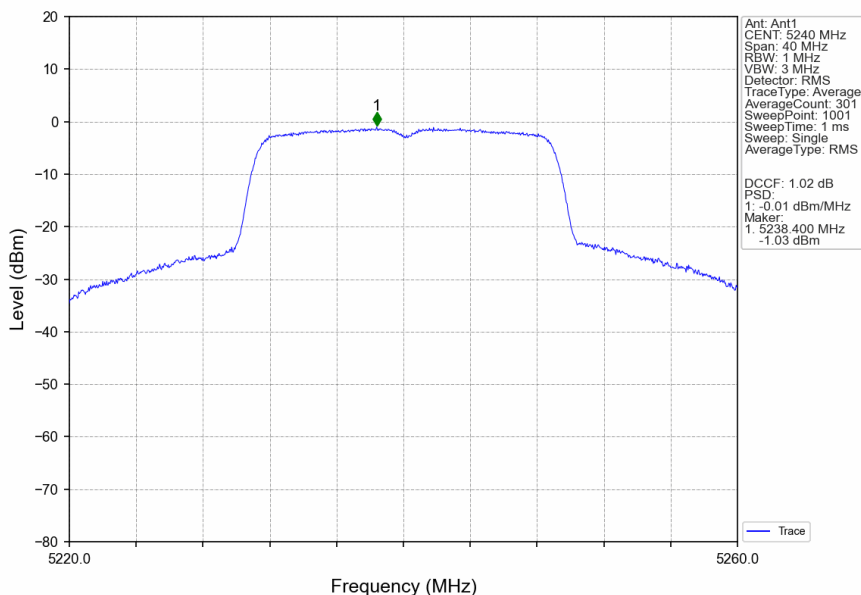
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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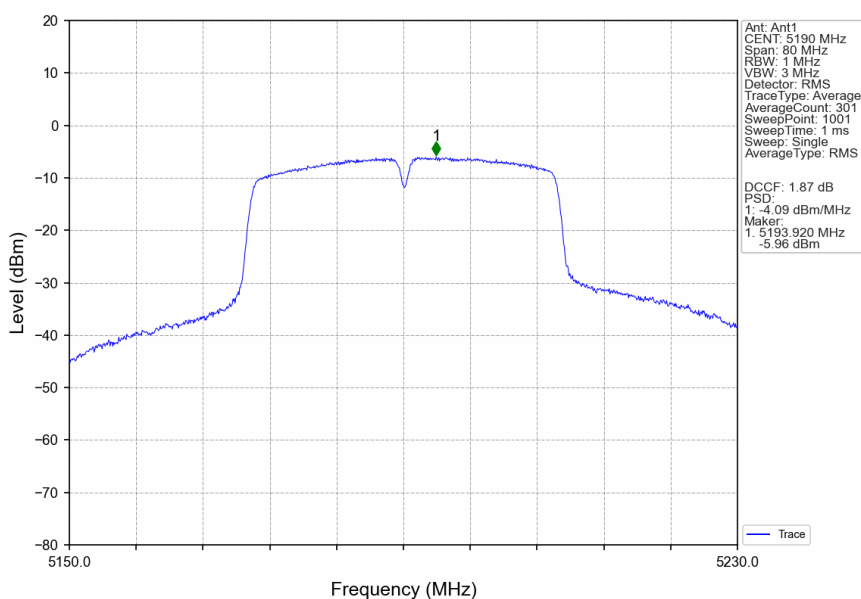
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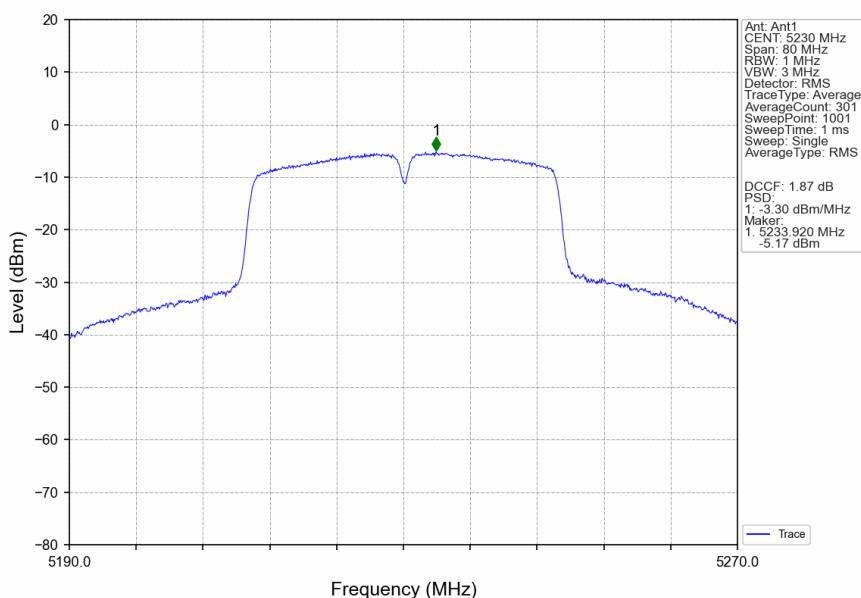
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



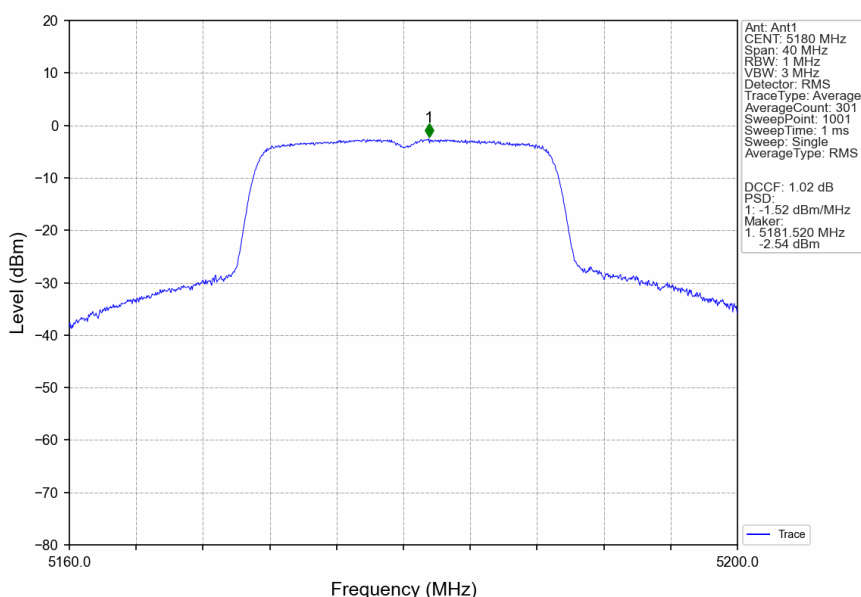
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



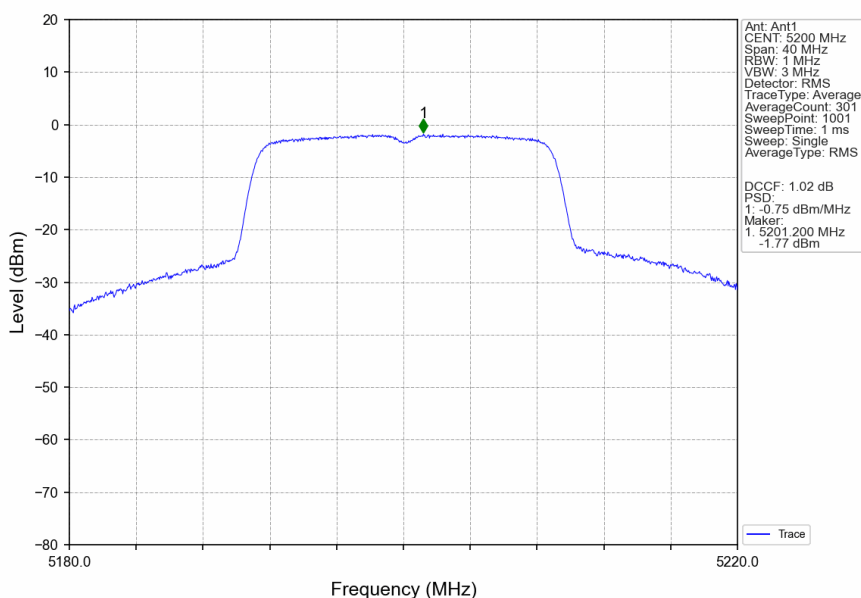
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



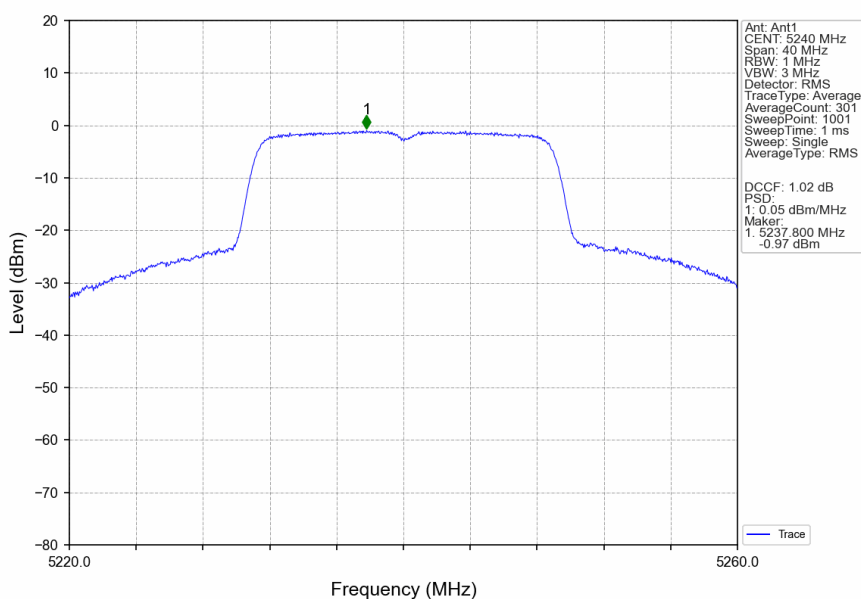
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



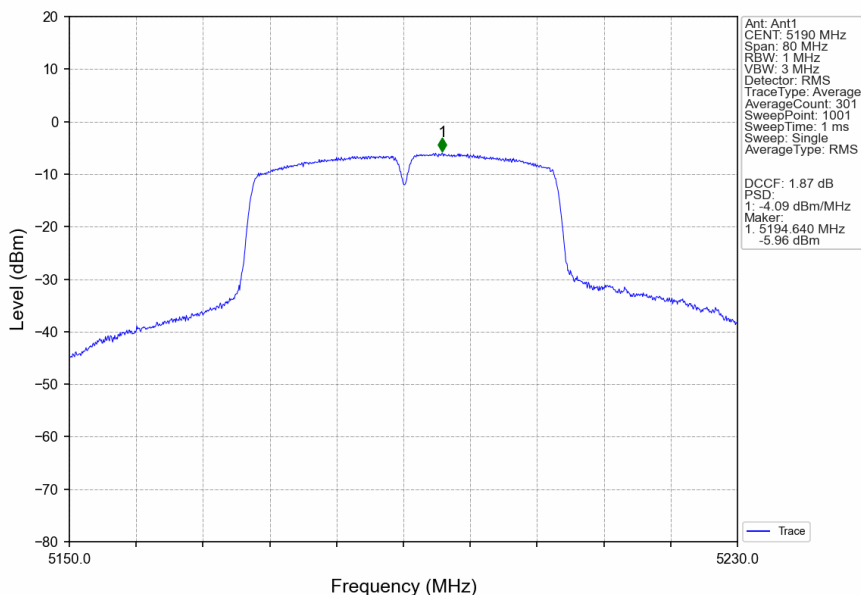
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



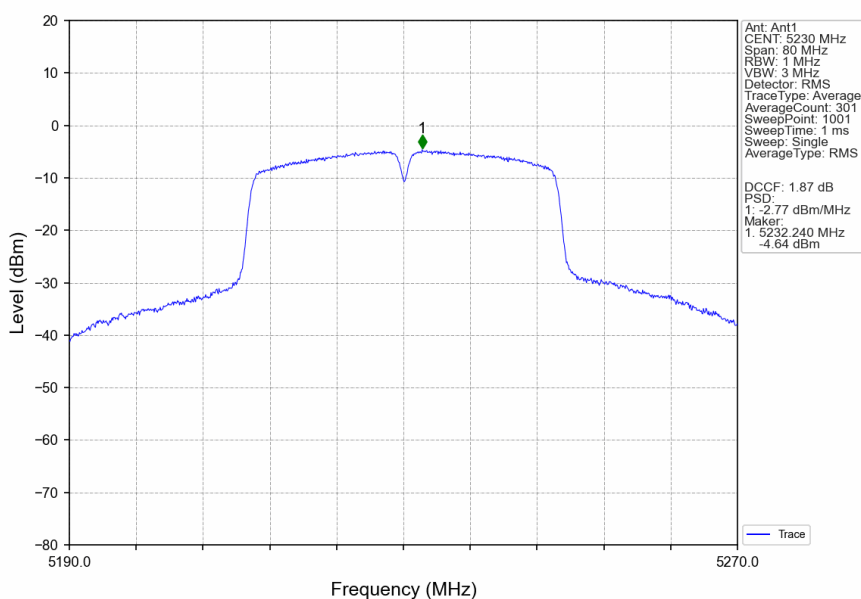
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



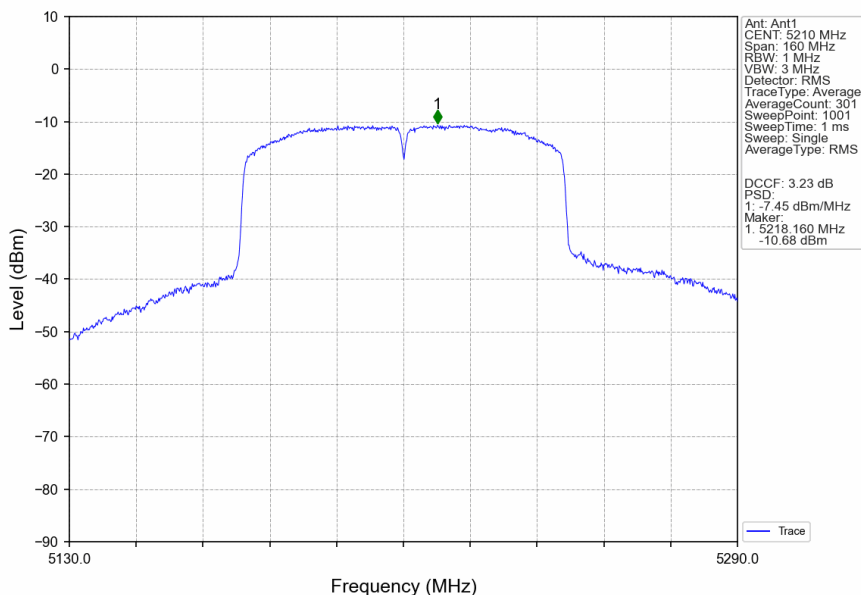
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	102	5179.677	5150 to 5250	Pass
				120	5179.677	5150 to 5250	Pass
				138	5179.677	5150 to 5250	Pass
			-30	120	5179.678	5150 to 5250	Pass
			-20	120	5179.677	5150 to 5250	Pass
			-10	120	5179.677	5150 to 5250	Pass
			0	120	5179.681	5150 to 5250	Pass
			10	120	5179.679	5150 to 5250	Pass
			30	120	5179.679	5150 to 5250	Pass
			40	120	5179.682	5150 to 5250	Pass
			50	120	5179.682	5150 to 5250	Pass
		5200	20	102	5199.694	5150 to 5250	Pass
				120	5199.500	5150 to 5250	Pass
				138	5199.500	5150 to 5250	Pass
			-30	120	5199.694	5150 to 5250	Pass
			-20	120	5199.501	5150 to 5250	Pass
			-10	120	5199.695	5150 to 5250	Pass
			0	120	5199.501	5150 to 5250	Pass
			10	120	5199.697	5150 to 5250	Pass
			30	120	5199.501	5150 to 5250	Pass
			40	120	5199.500	5150 to 5250	Pass
			50	120	5199.503	5150 to 5250	Pass



Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5240	20	102	5239.508	5150 to 5250	Pass
				120	5239.511	5150 to 5250	Pass
				138	5239.510	5150 to 5250	Pass
			-30	120	5239.510	5150 to 5250	Pass
			-20	120	5239.706	5150 to 5250	Pass
			-10	120	5239.706	5150 to 5250	Pass
			0	120	5239.511	5150 to 5250	Pass
			10	120	5239.705	5150 to 5250	Pass
			30	120	5239.708	5150 to 5250	Pass
			40	120	5239.509	5150 to 5250	Pass
			50	120	5239.510	5150 to 5250	Pass
		5190	20	102	5189.515	5150 to 5250	Pass
				120	5189.514	5150 to 5250	Pass
				138	5189.500	5150 to 5250	Pass
			-30	120	5189.500	5150 to 5250	Pass
			-20	120	5189.515	5150 to 5250	Pass
			-10	120	5189.500	5150 to 5250	Pass
			0	120	5189.500	5150 to 5250	Pass
			10	120	5189.500	5150 to 5250	Pass
			30	120	5189.515	5150 to 5250	Pass
			40	120	5189.500	5150 to 5250	Pass
			50	120	5189.500	5150 to 5250	Pass
		5230	20	102	5229.509	5150 to 5250	Pass
				120	5229.535	5150 to 5250	Pass
				138	5229.508	5150 to 5250	Pass
			-30	120	5229.508	5150 to 5250	Pass
			-20	120	5229.509	5150 to 5250	Pass
			-10	120	5229.508	5150 to 5250	Pass
			0	120	5229.509	5150 to 5250	Pass
			10	120	5229.508	5150 to 5250	Pass
			30	120	5229.510	5150 to 5250	Pass
			40	120	5229.509	5150 to 5250	Pass
			50	120	5229.508	5150 to 5250	Pass



Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5210	20	102	5209.502	5150 to 5250	Pass
				120	5209.500	5150 to 5250	Pass
				138	5209.501	5150 to 5250	Pass
			-30	120	5209.500	5150 to 5250	Pass
			-20	120	5209.500	5150 to 5250	Pass
			-10	120	5209.500	5150 to 5250	Pass
			0	120	5209.500	5150 to 5250	Pass
			10	120	5209.500	5150 to 5250	Pass
			30	120	5209.500	5150 to 5250	Pass
			40	120	5209.501	5150 to 5250	Pass
			50	120	5209.500	5150 to 5250	Pass

- End of the Report -



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