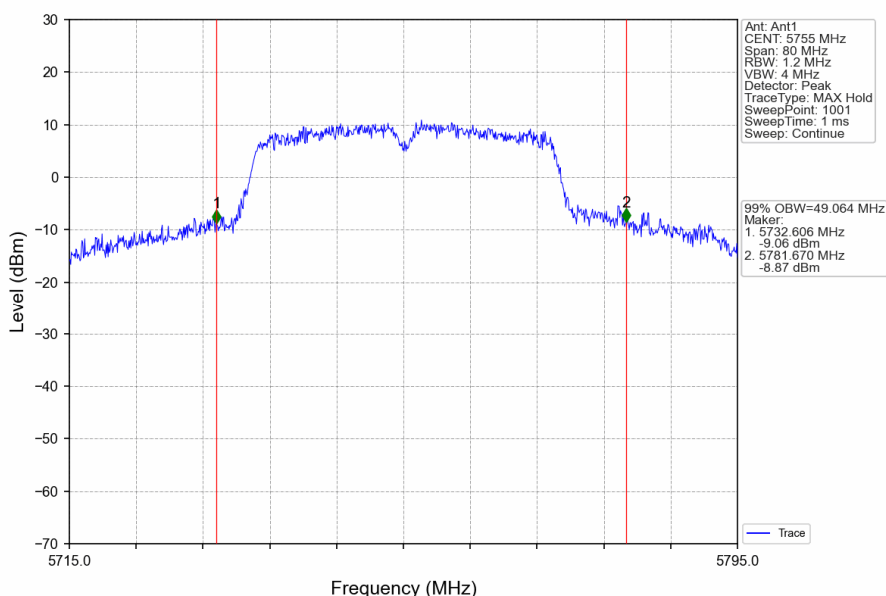
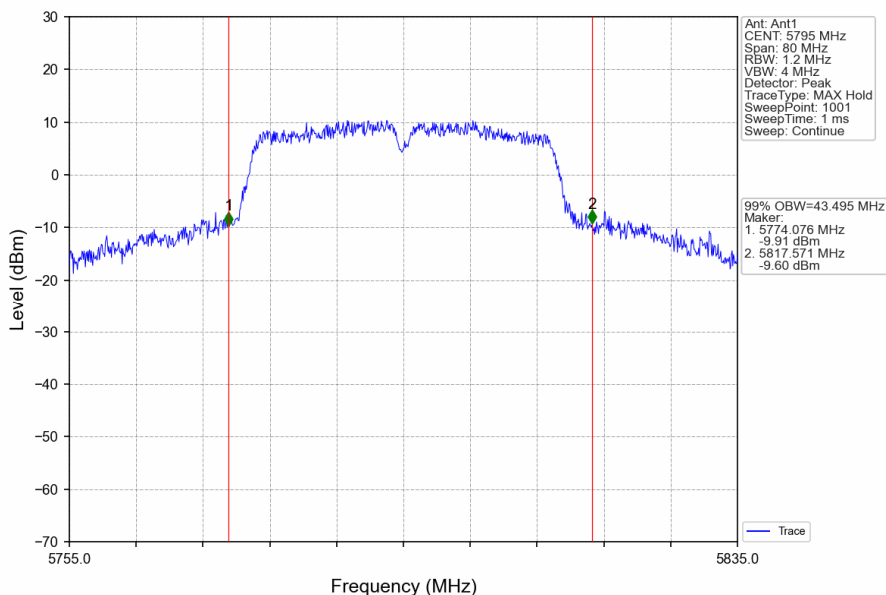


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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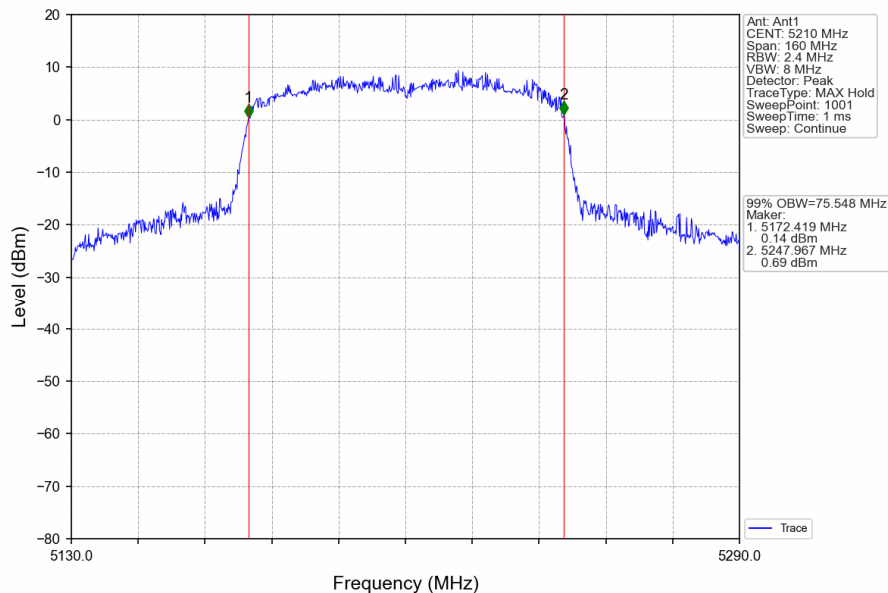
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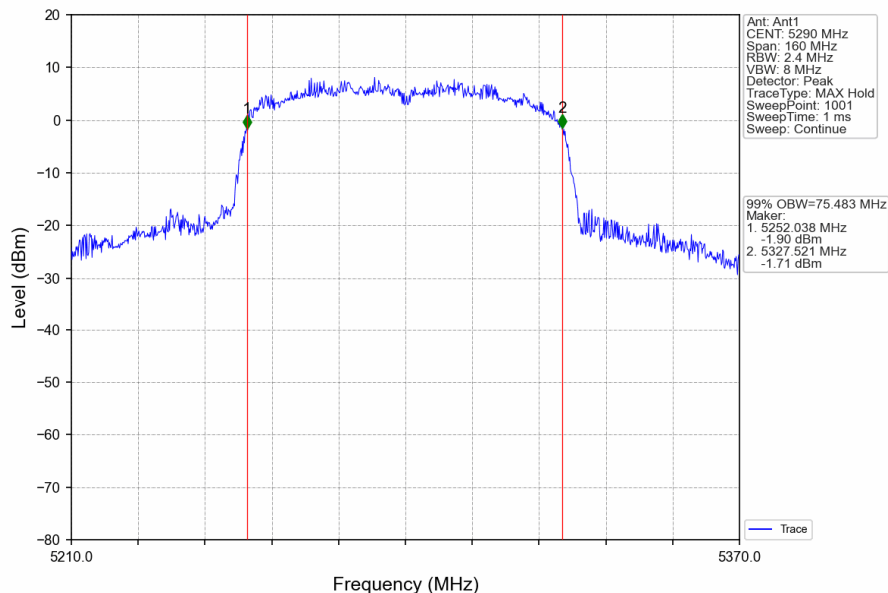
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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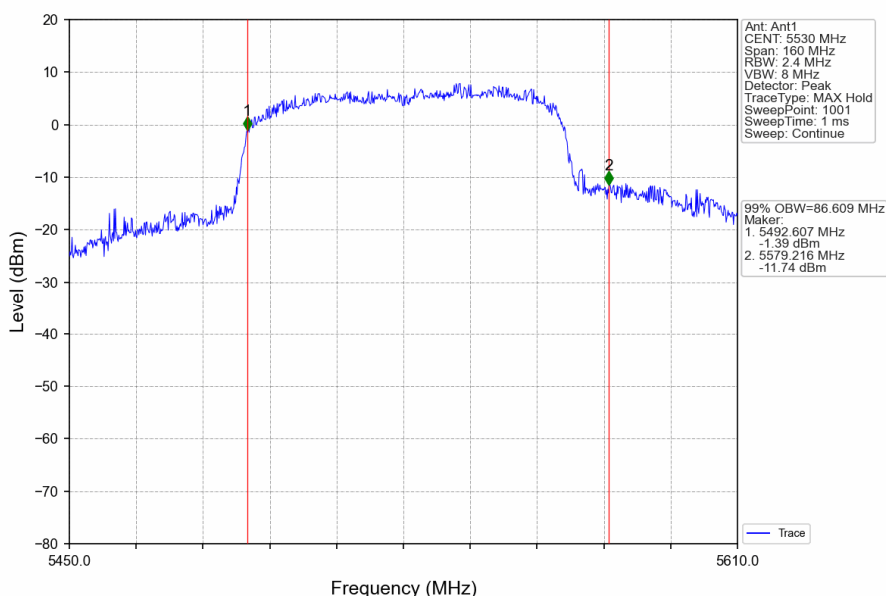
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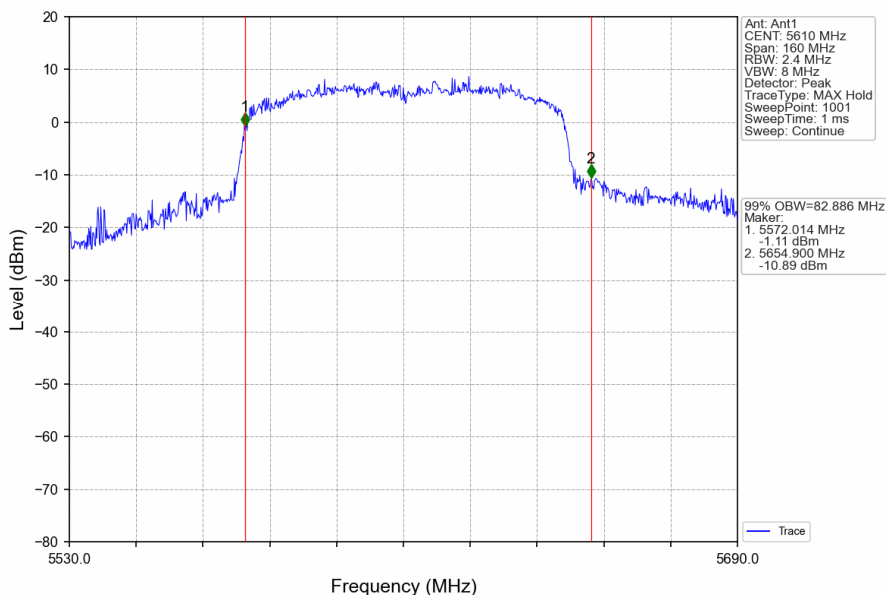
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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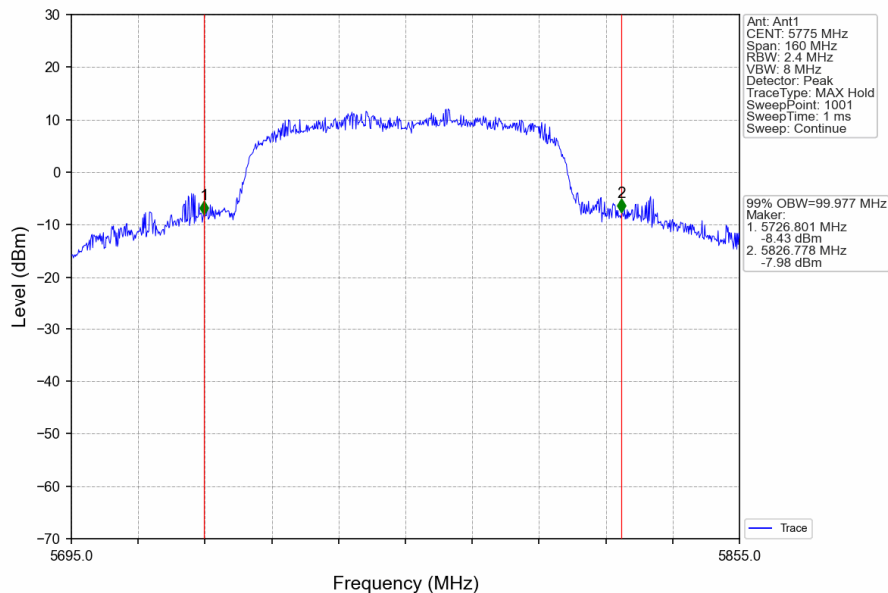
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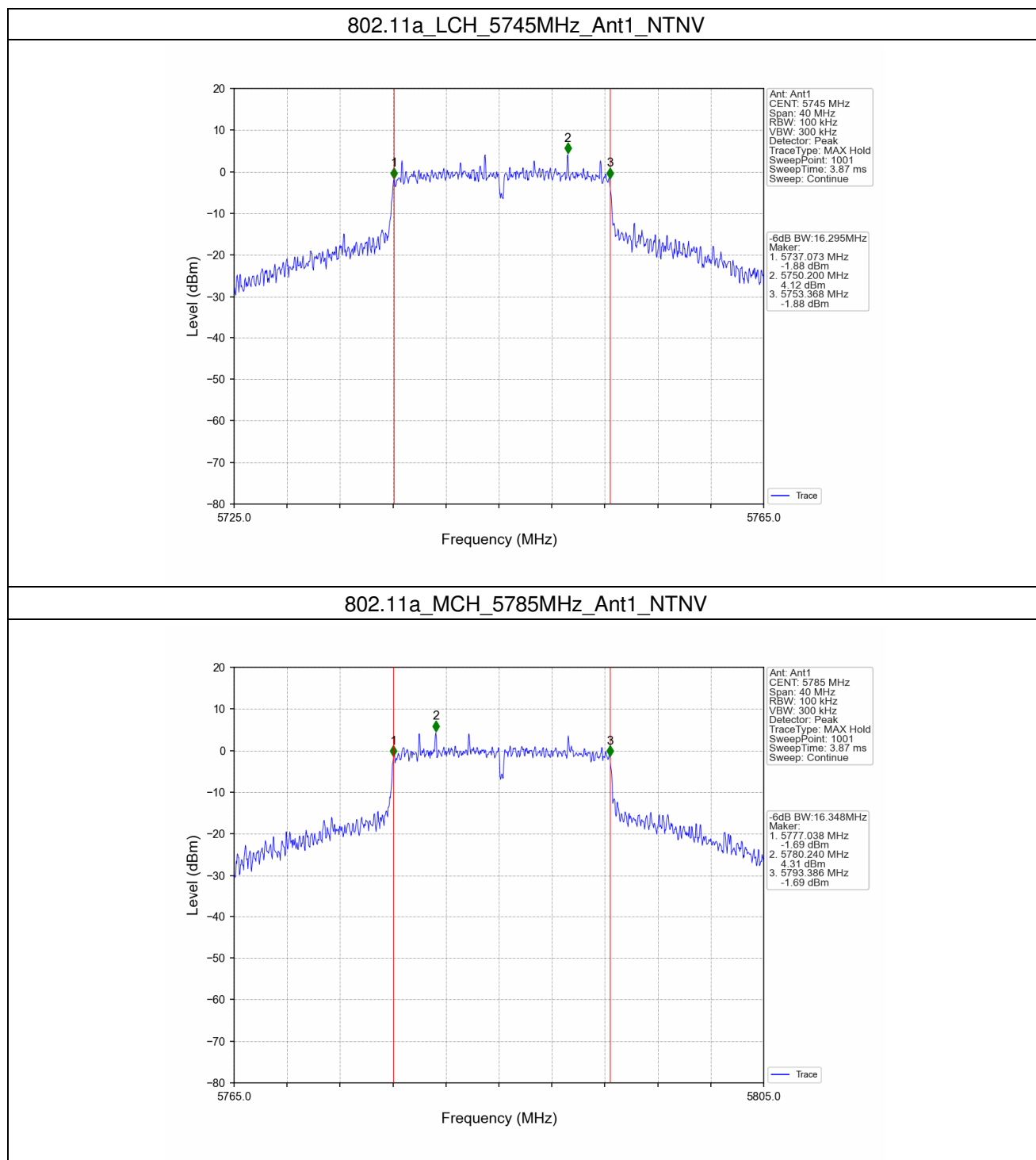
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2.2.2 6dB BW



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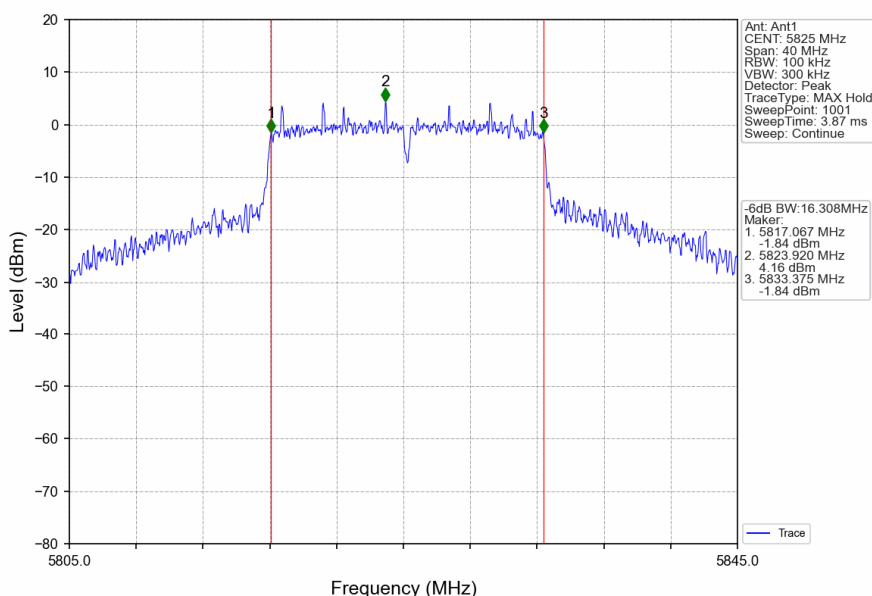
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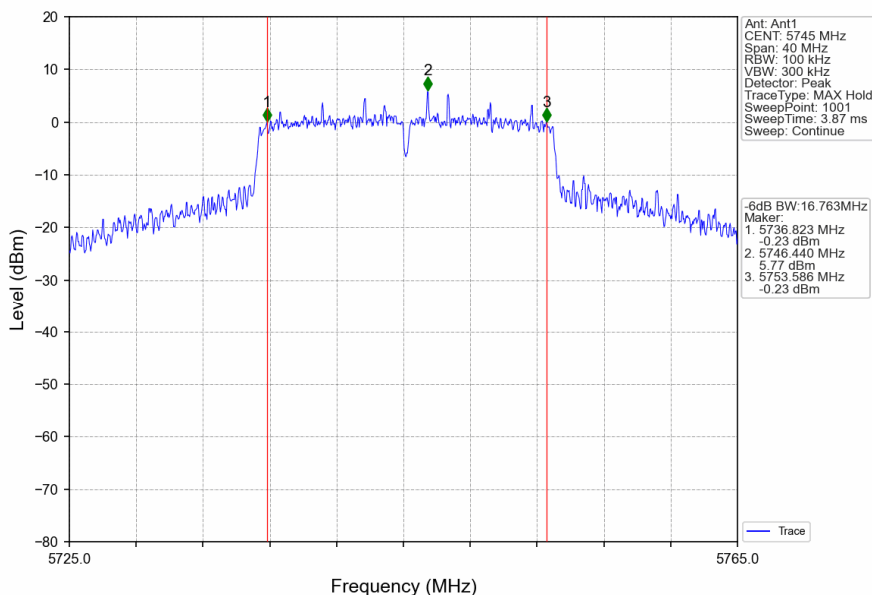
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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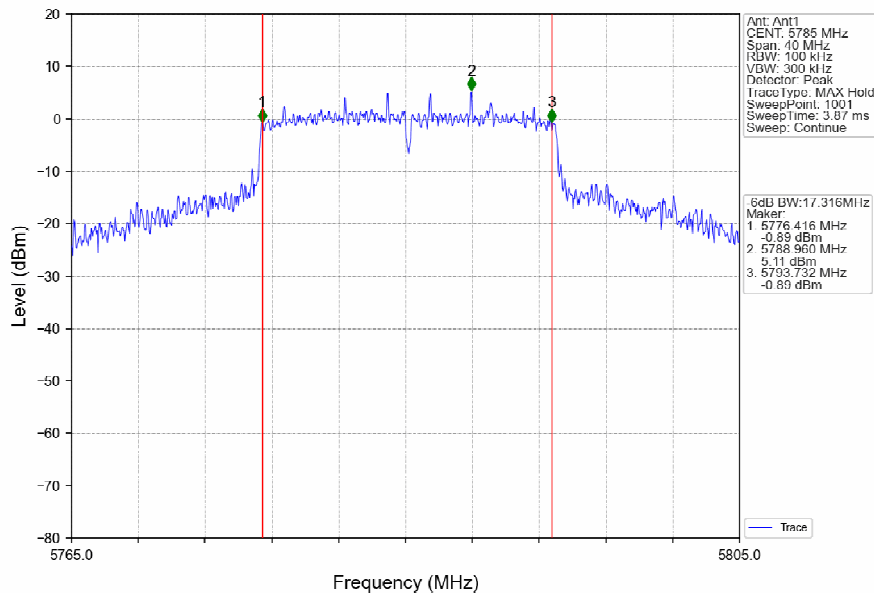
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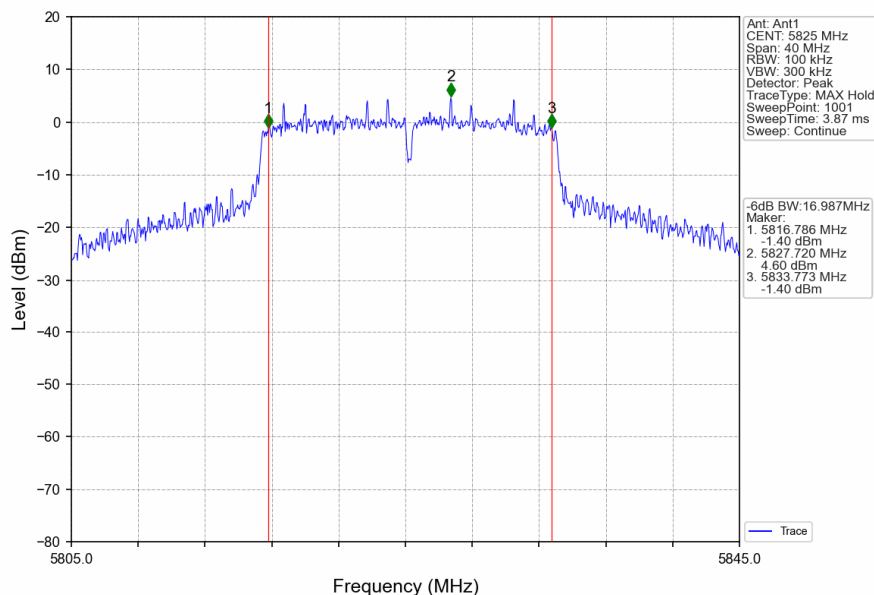
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



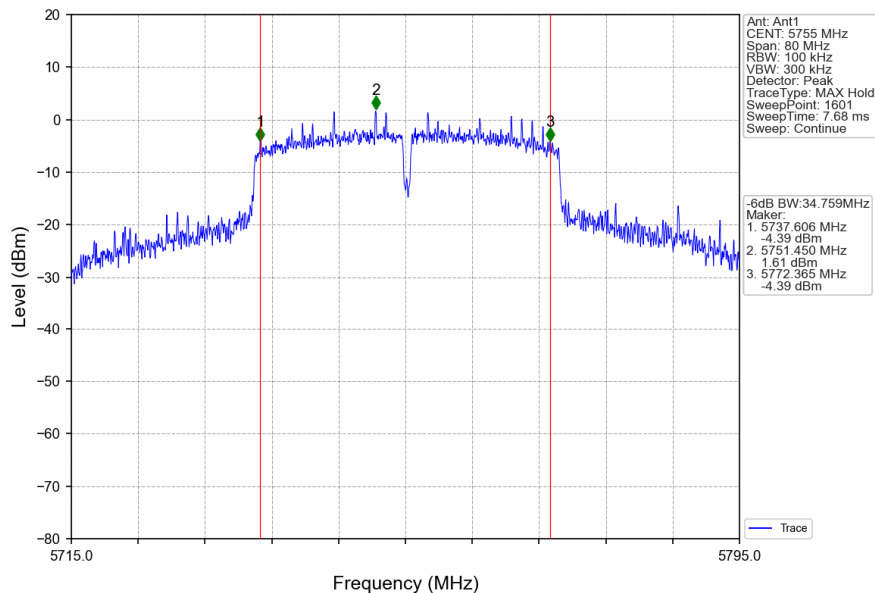
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



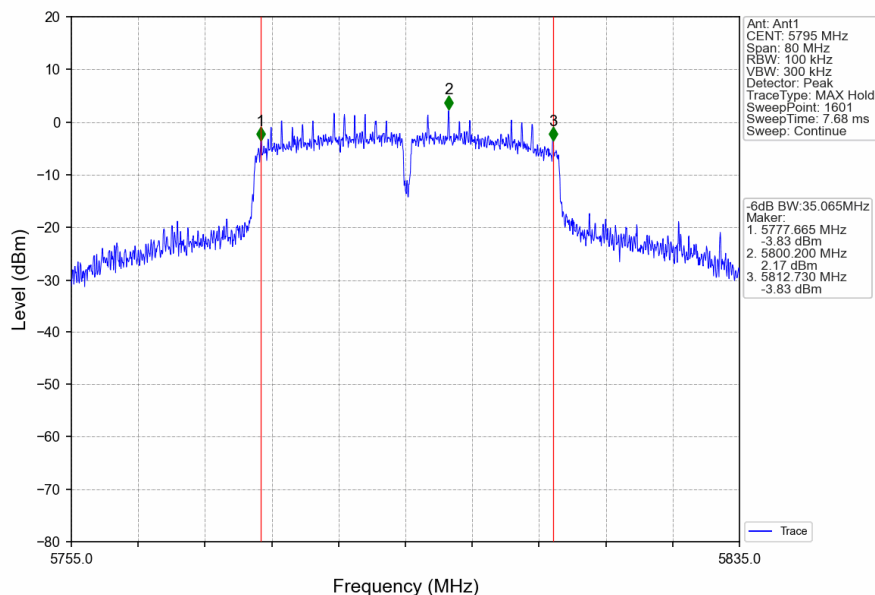
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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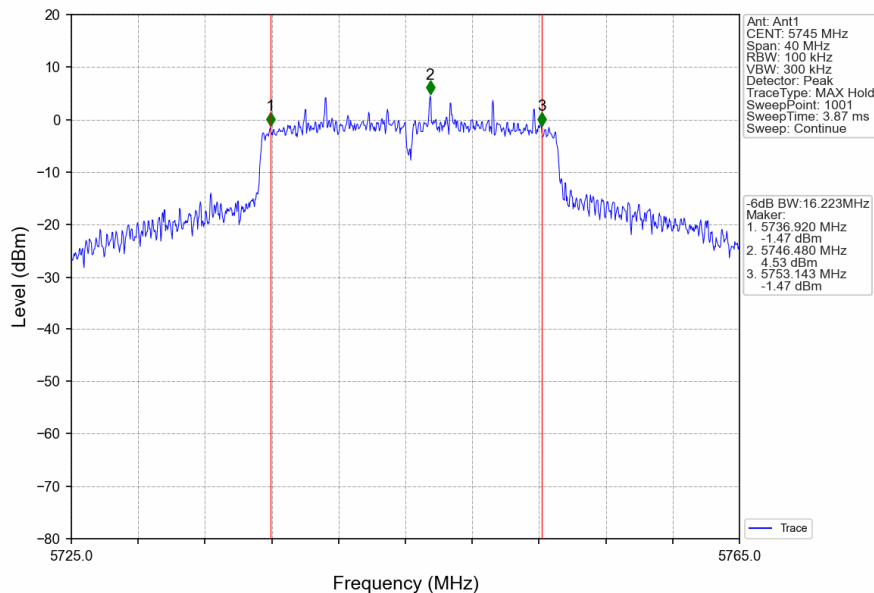
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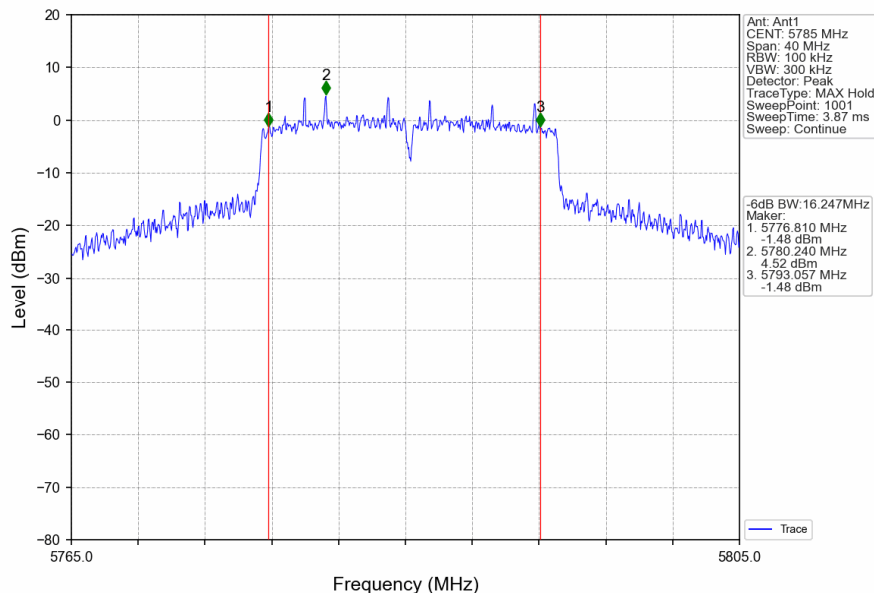
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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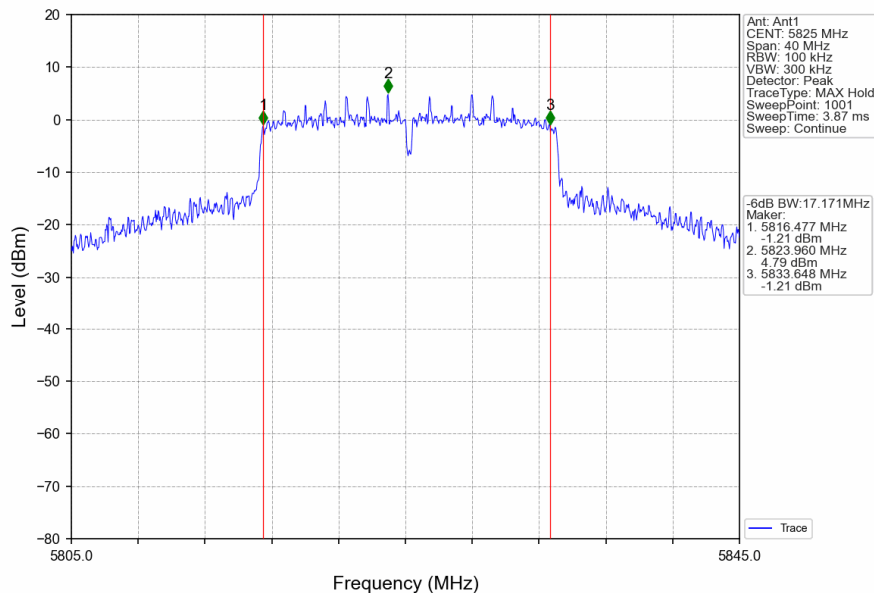
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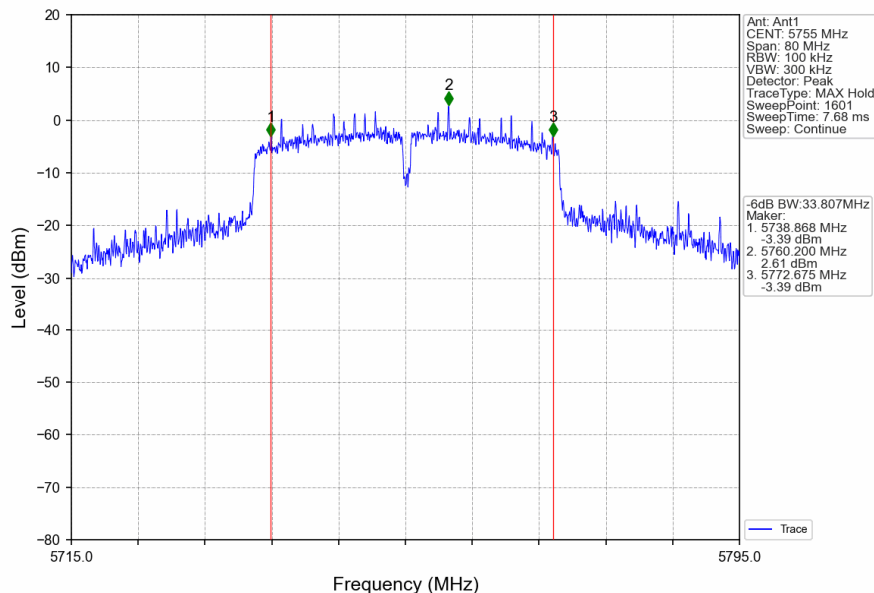
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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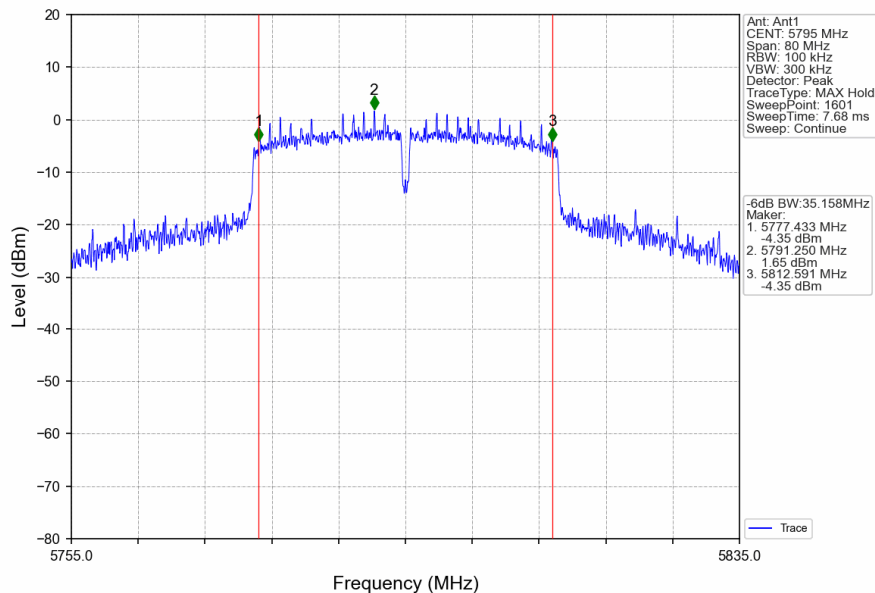
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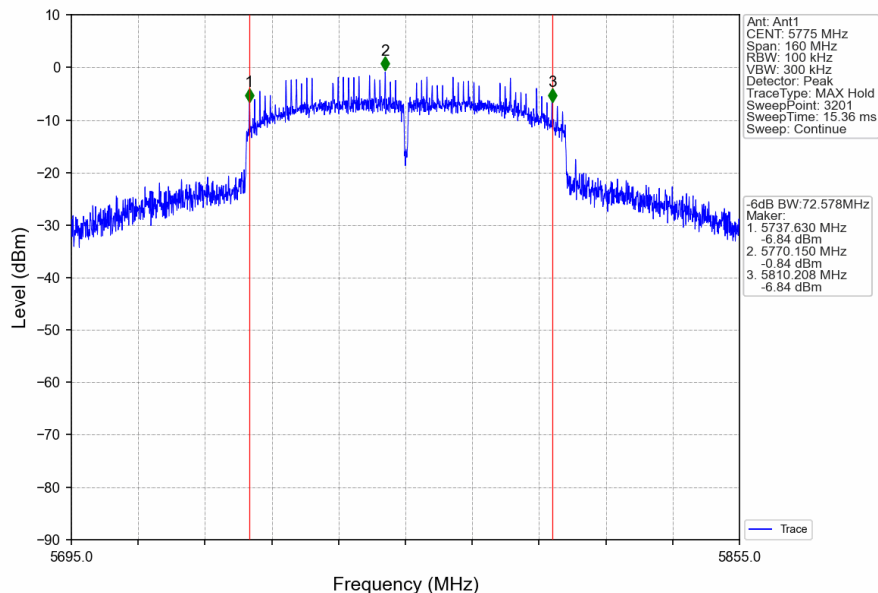
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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



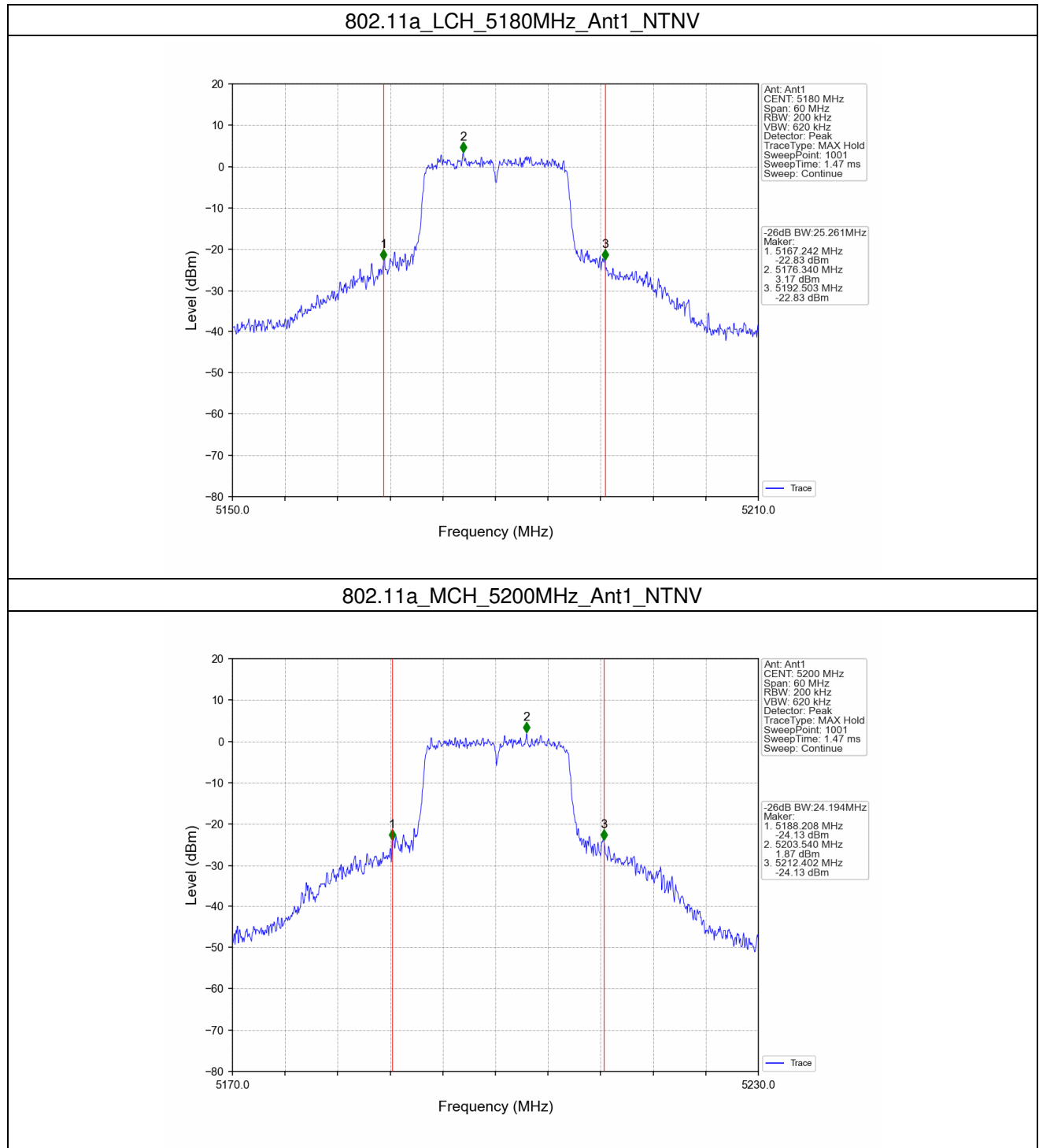
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2.2.3 26dB BW



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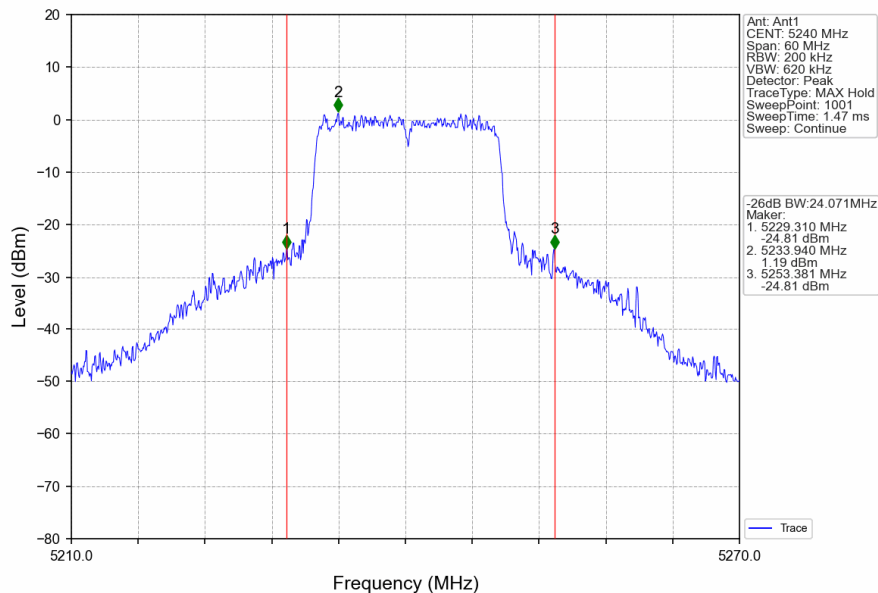
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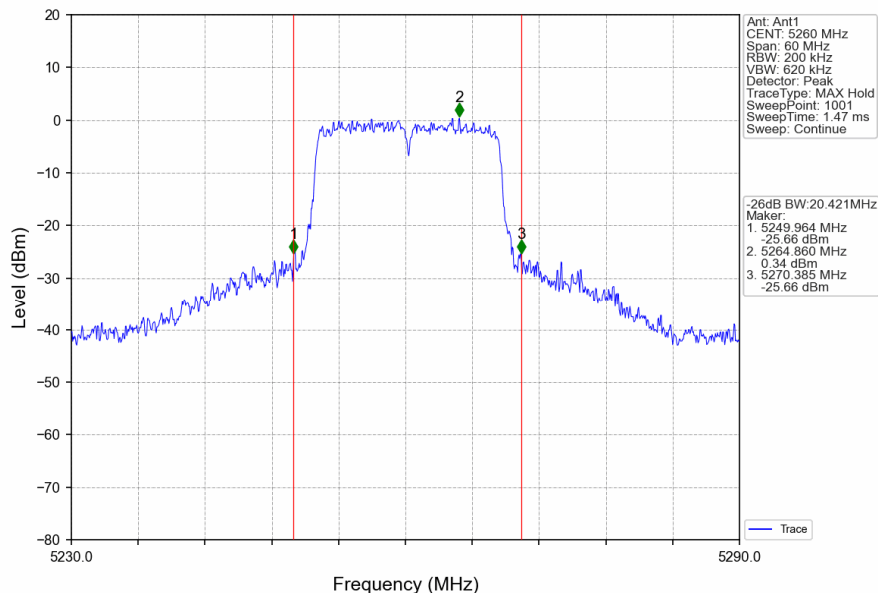
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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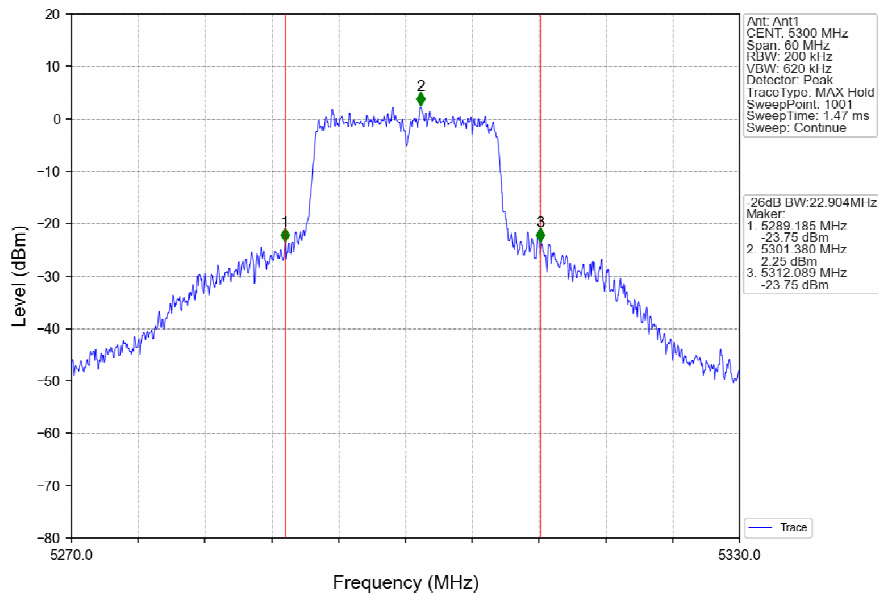
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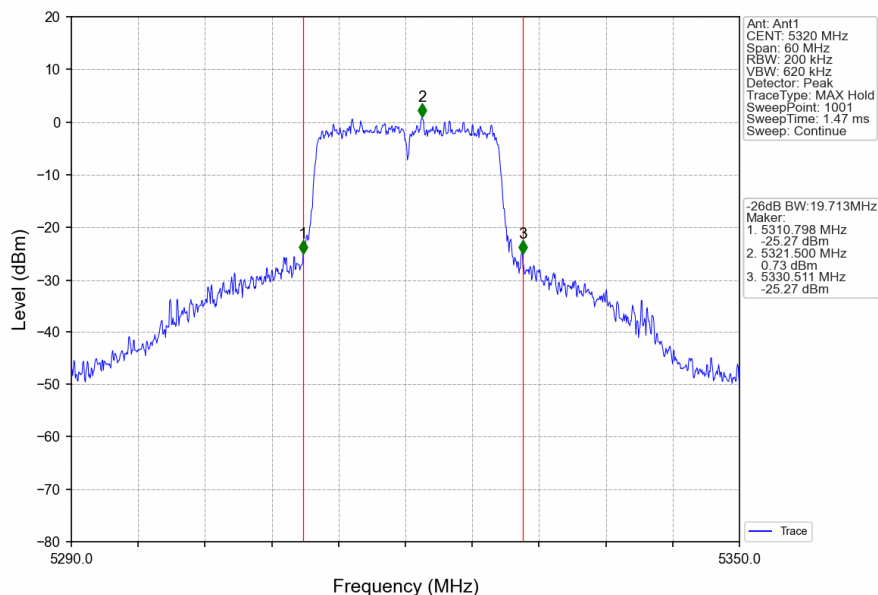
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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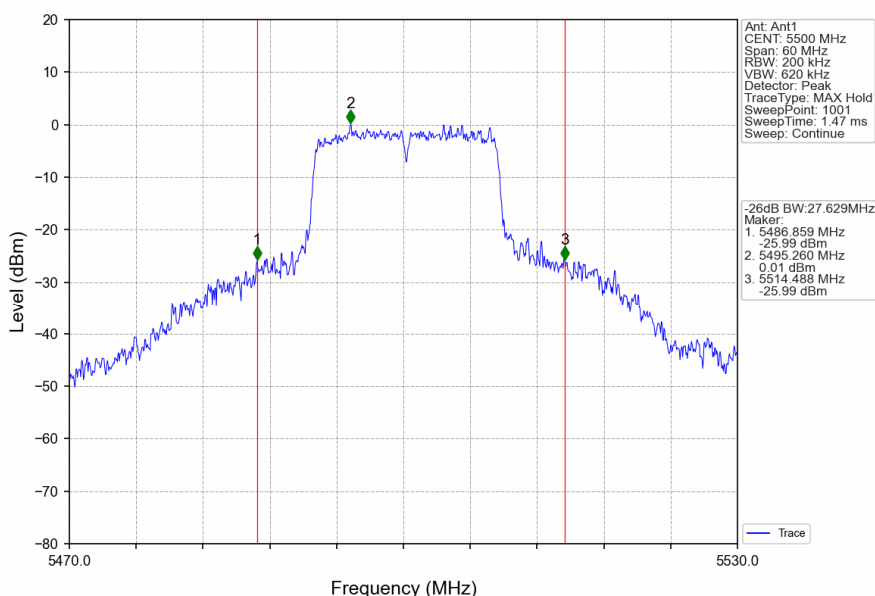
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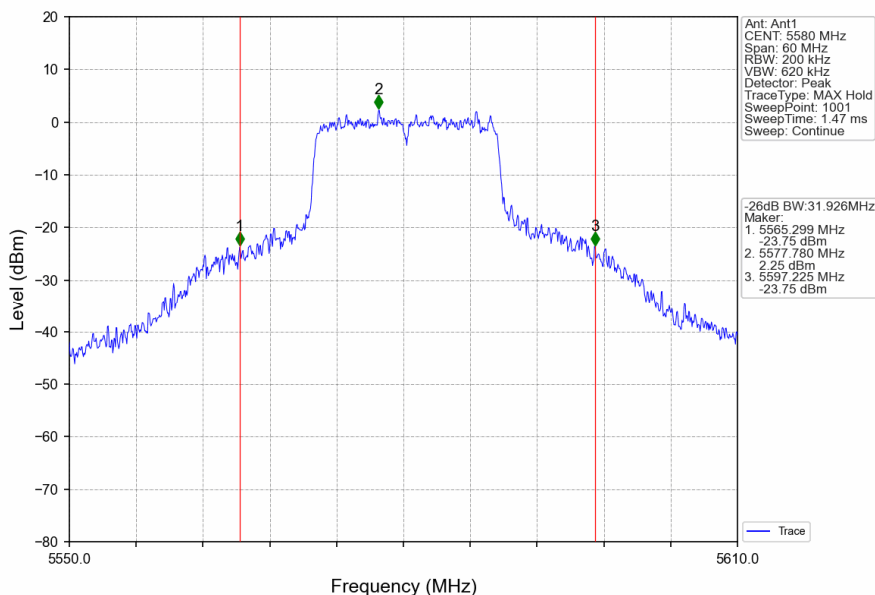
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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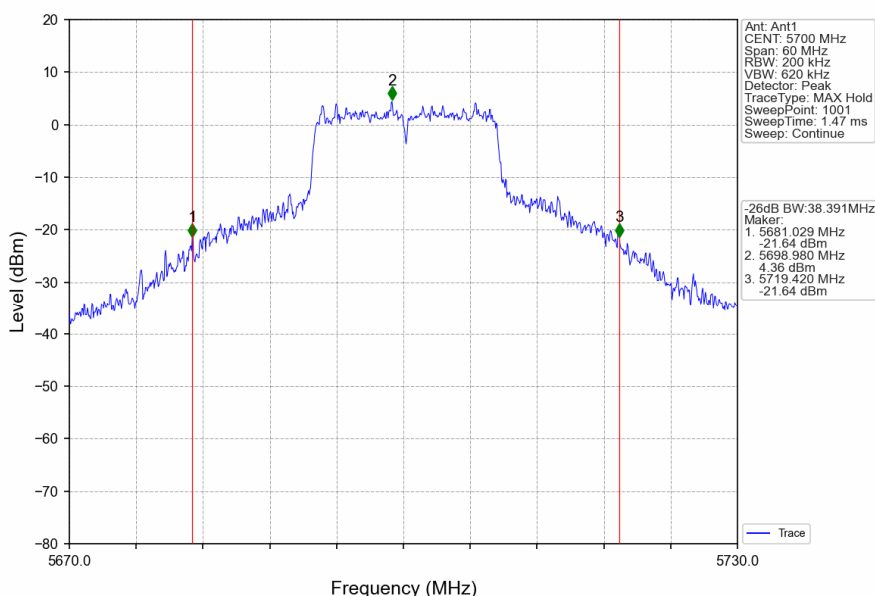
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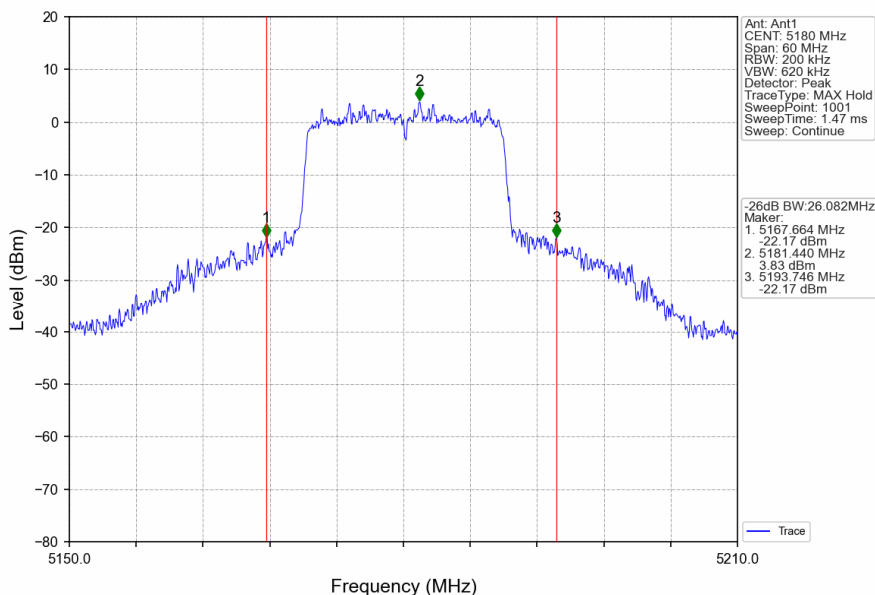
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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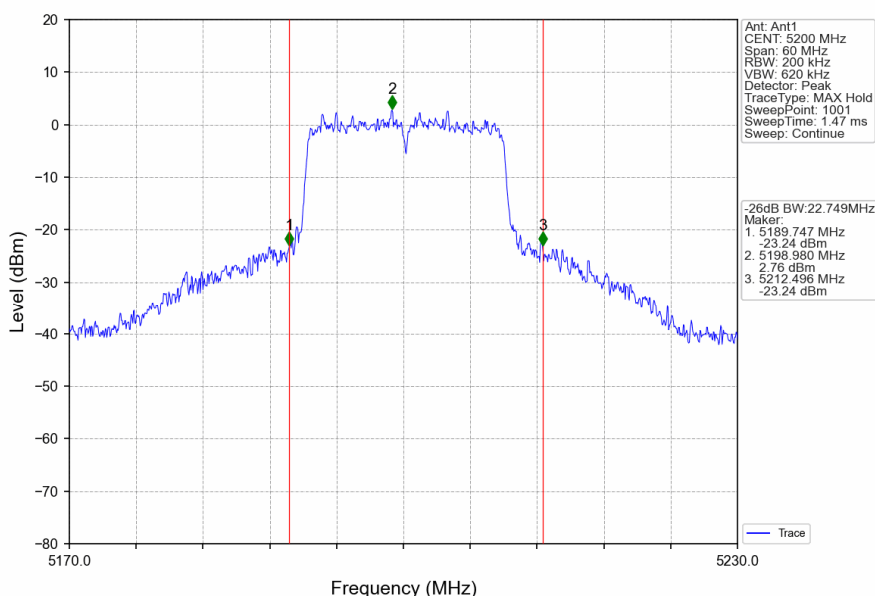
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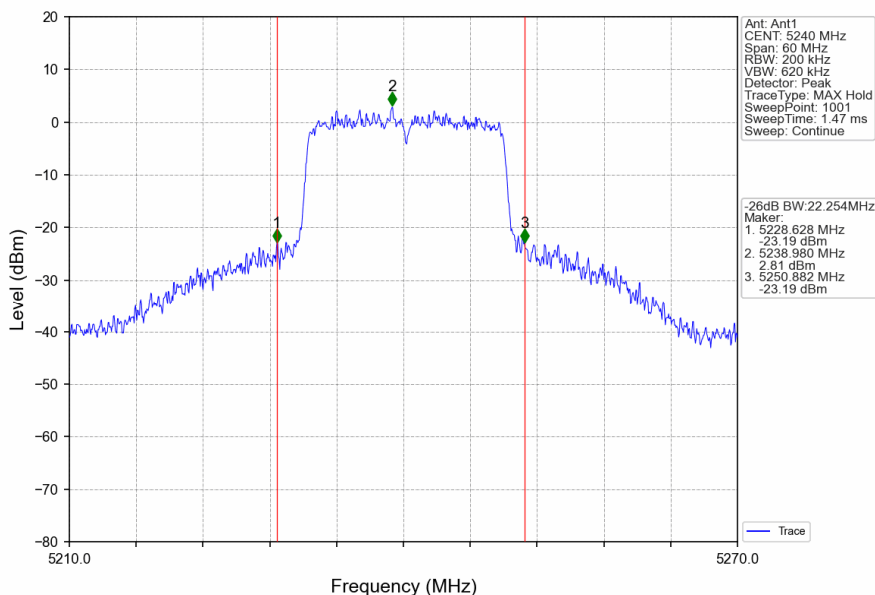
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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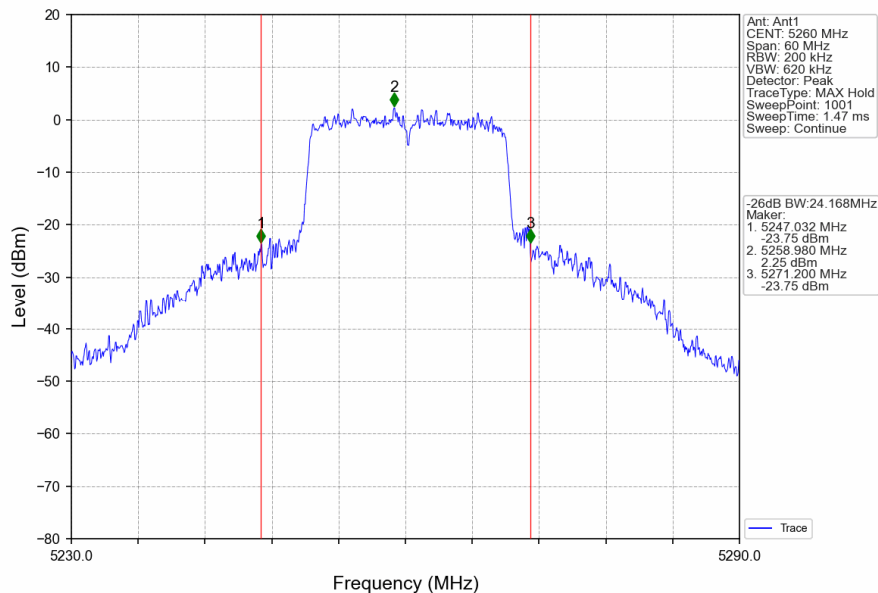
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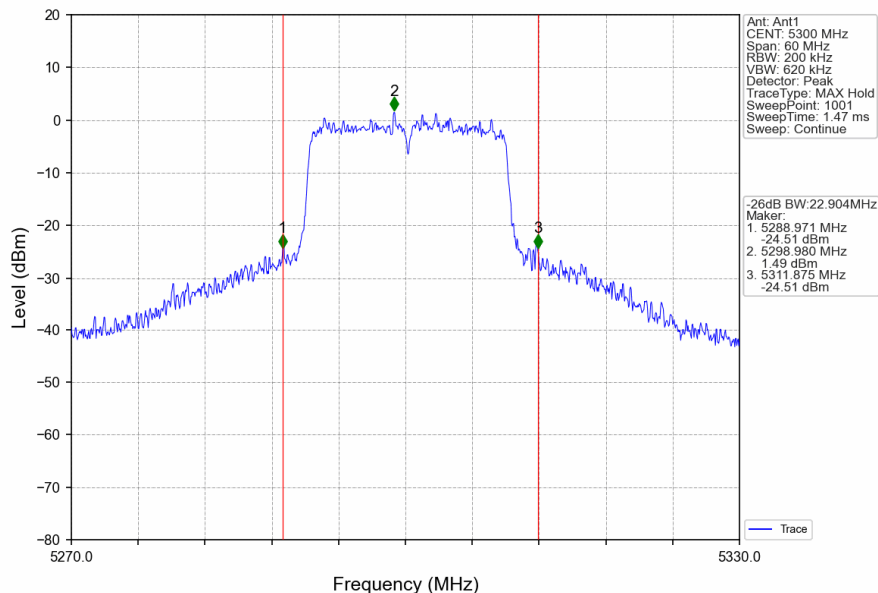
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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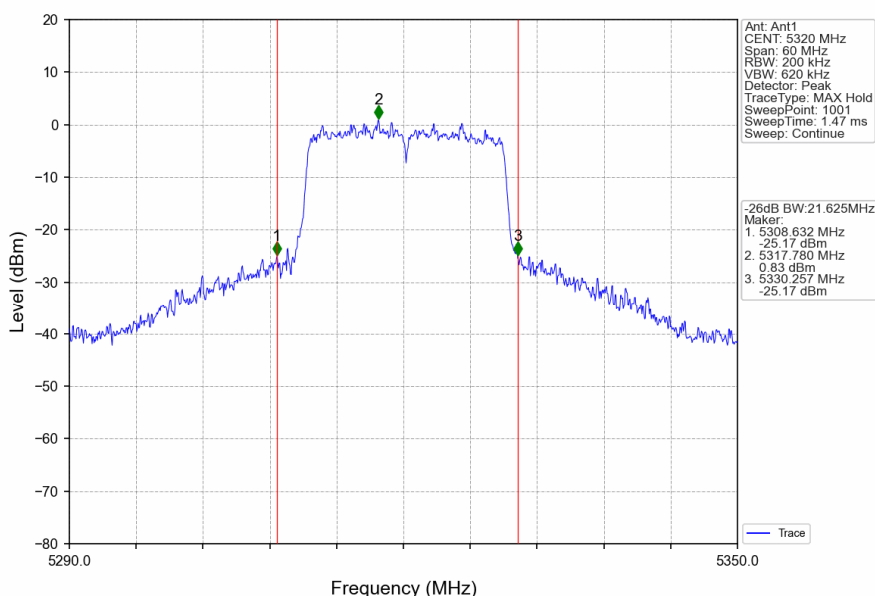
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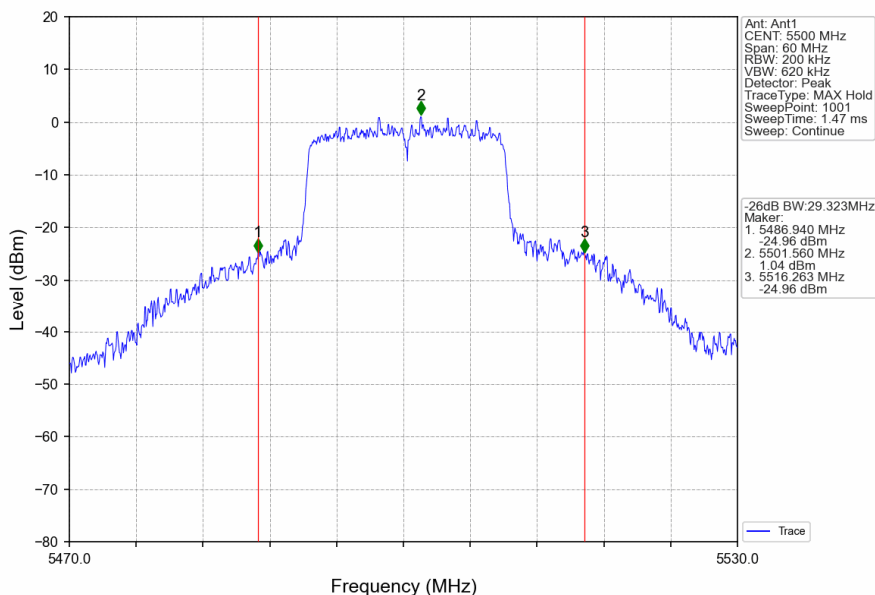
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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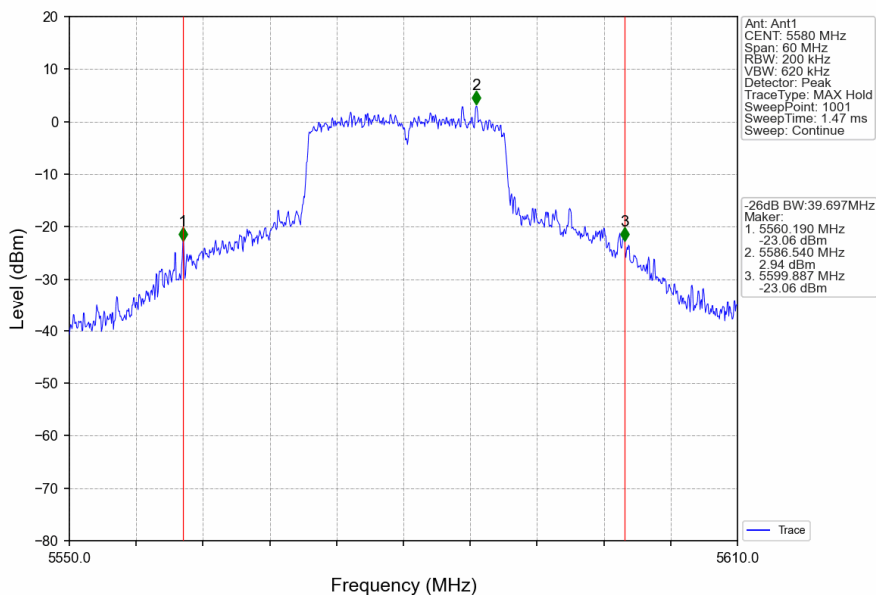
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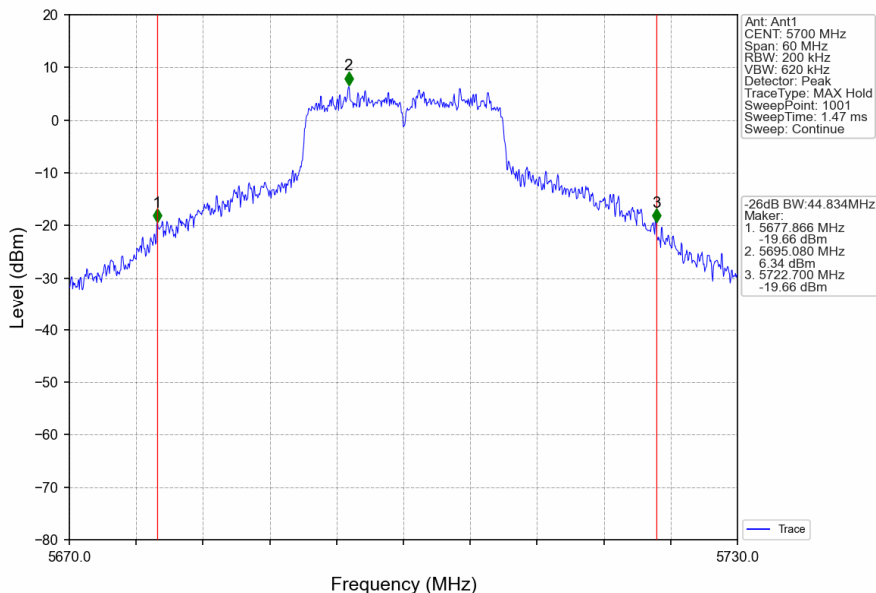
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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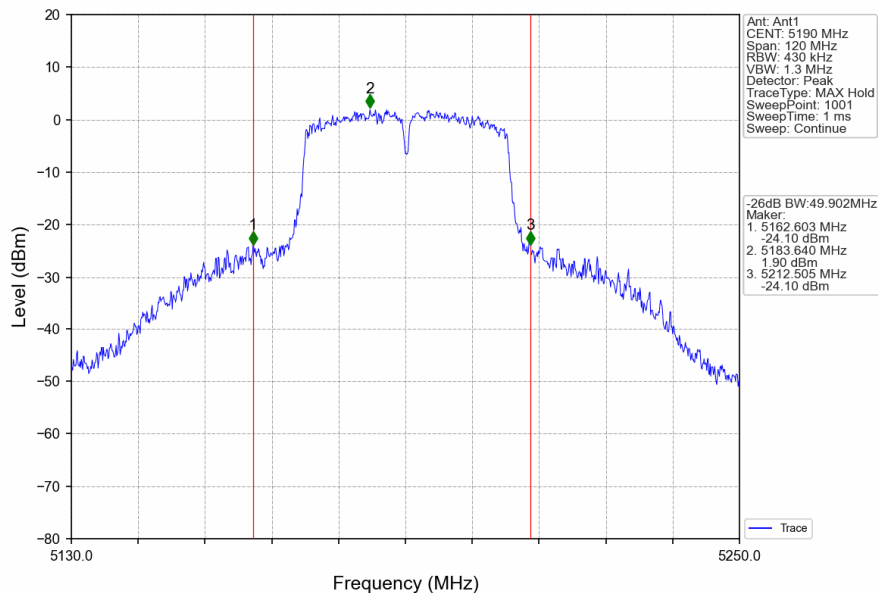
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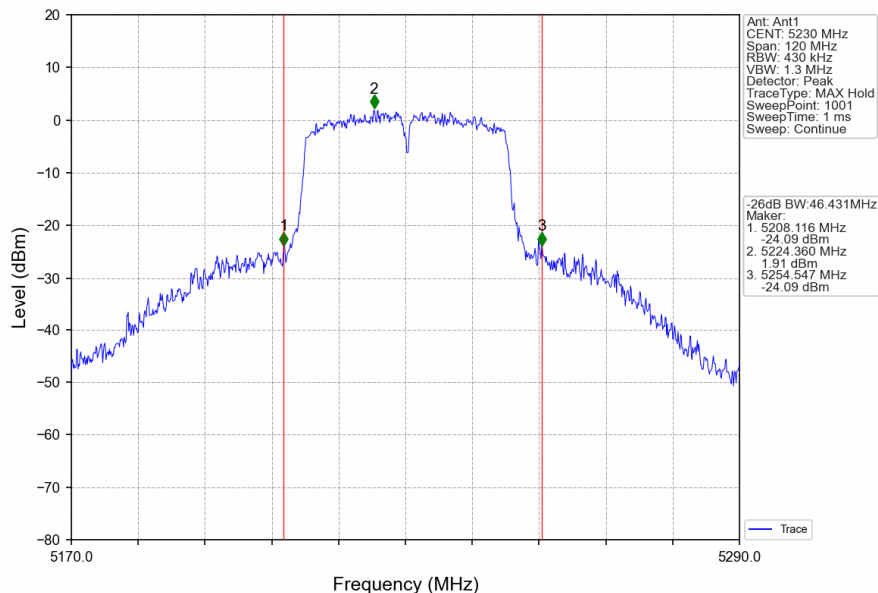
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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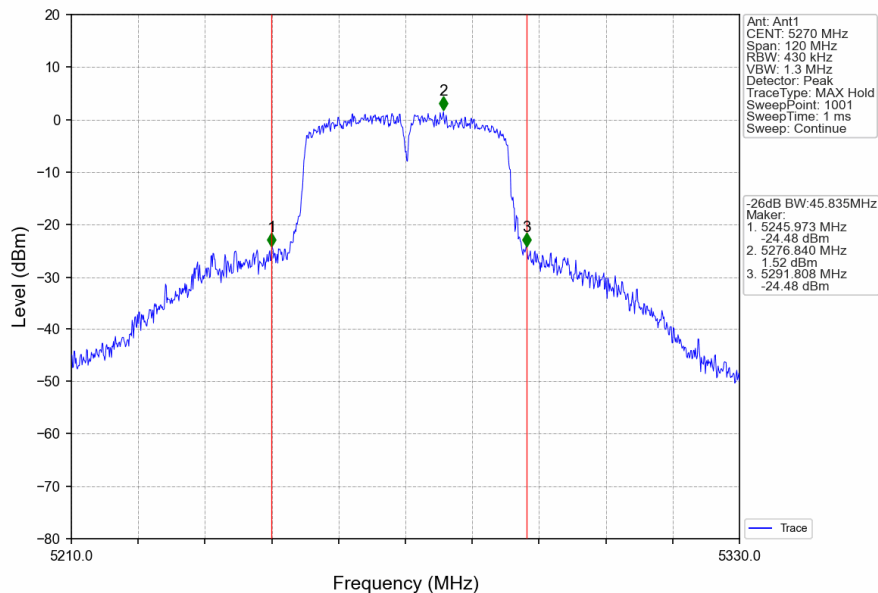
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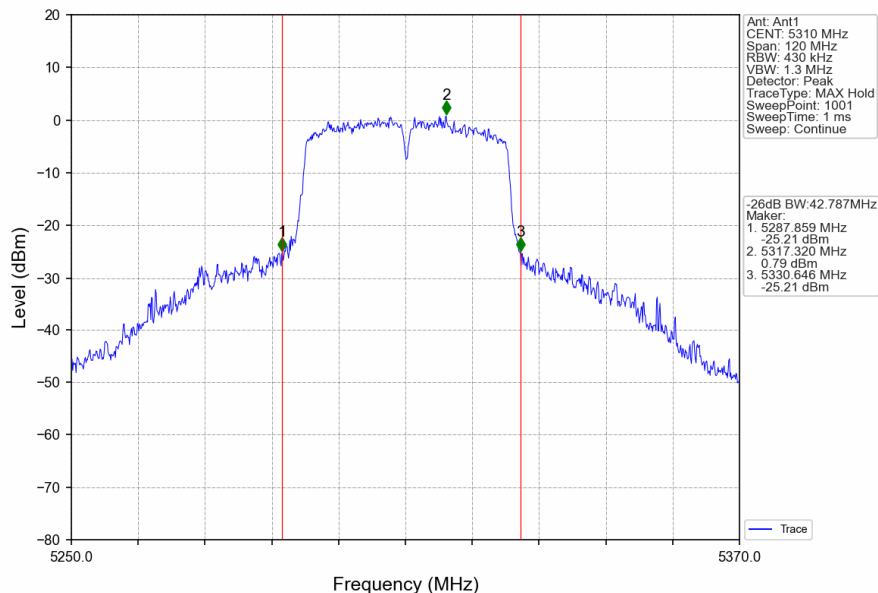
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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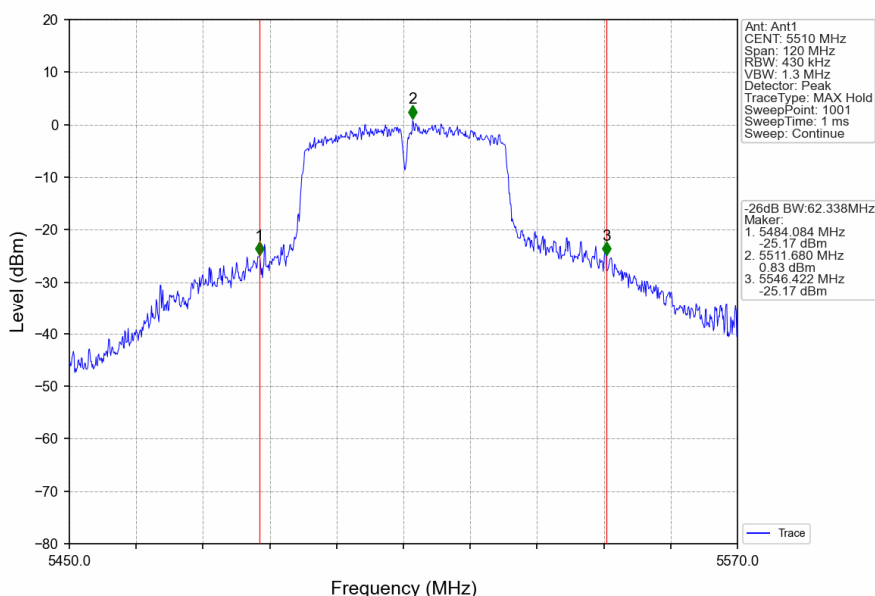
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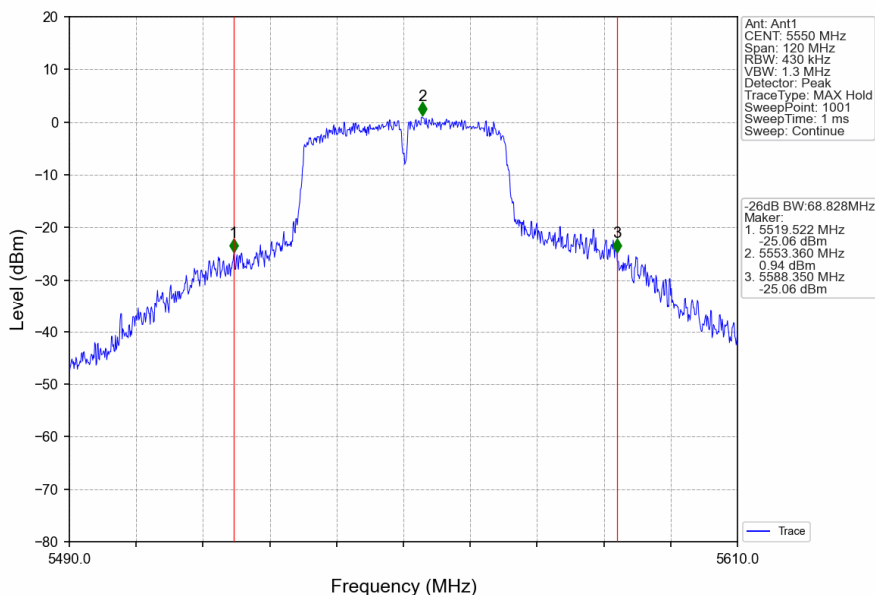
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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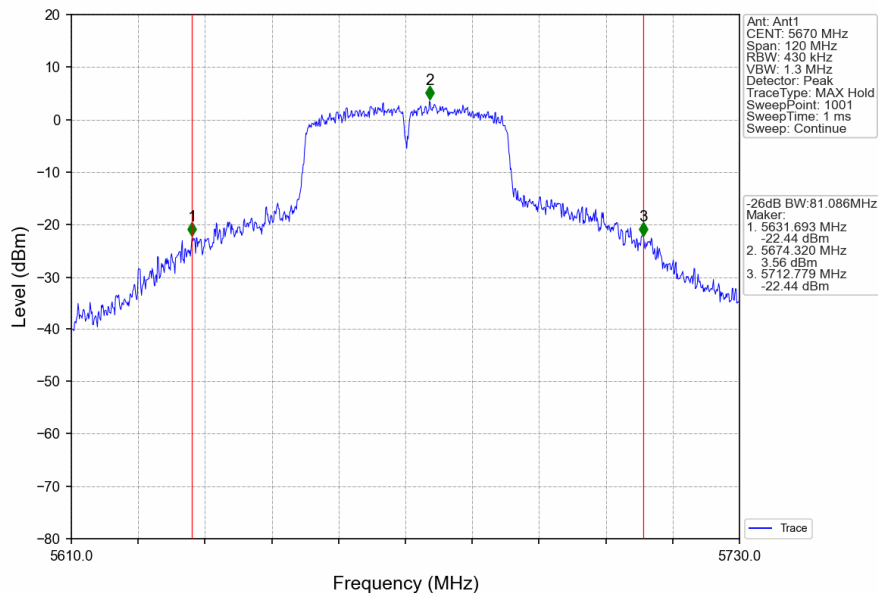
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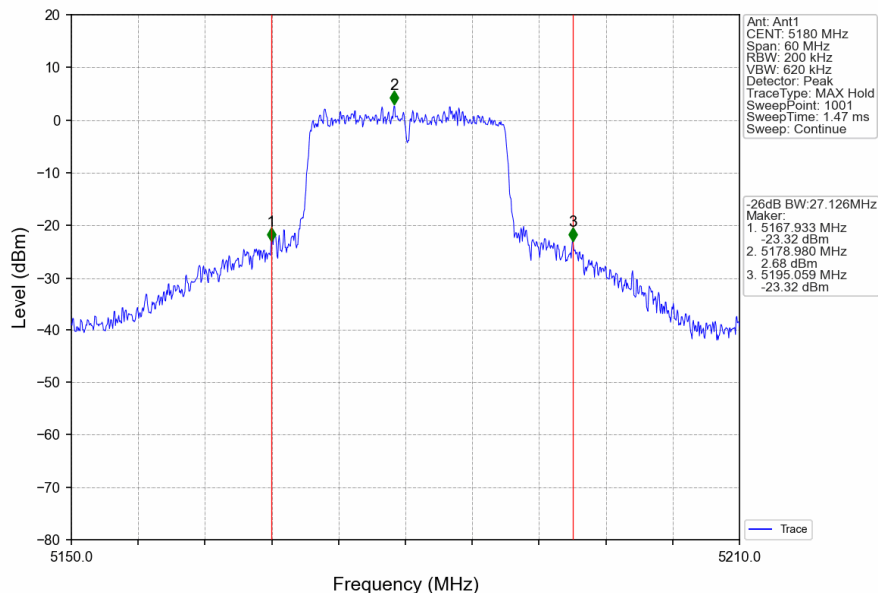
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



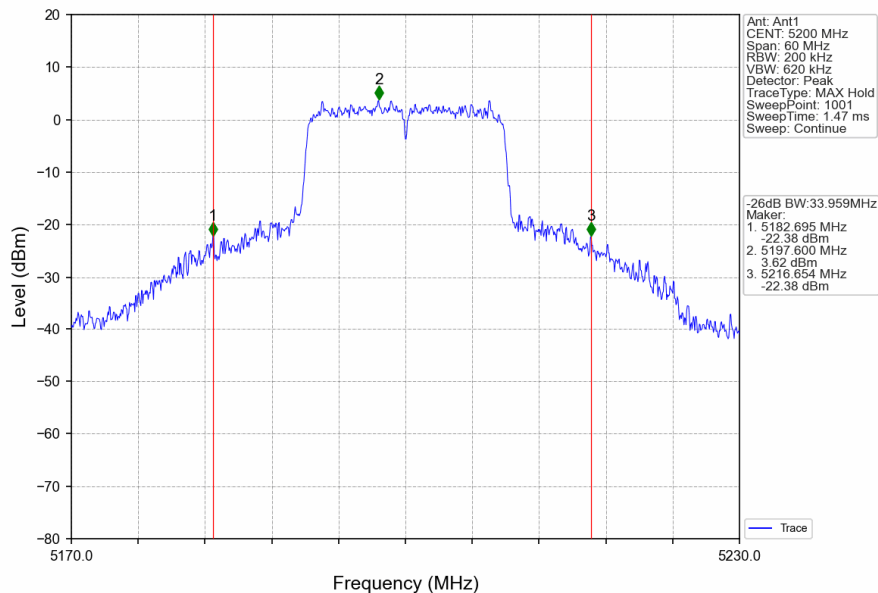
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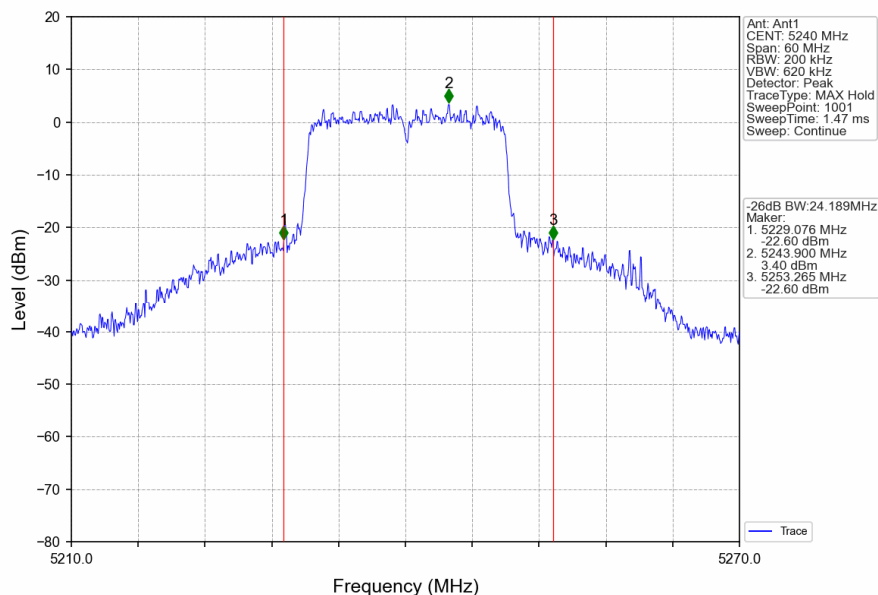
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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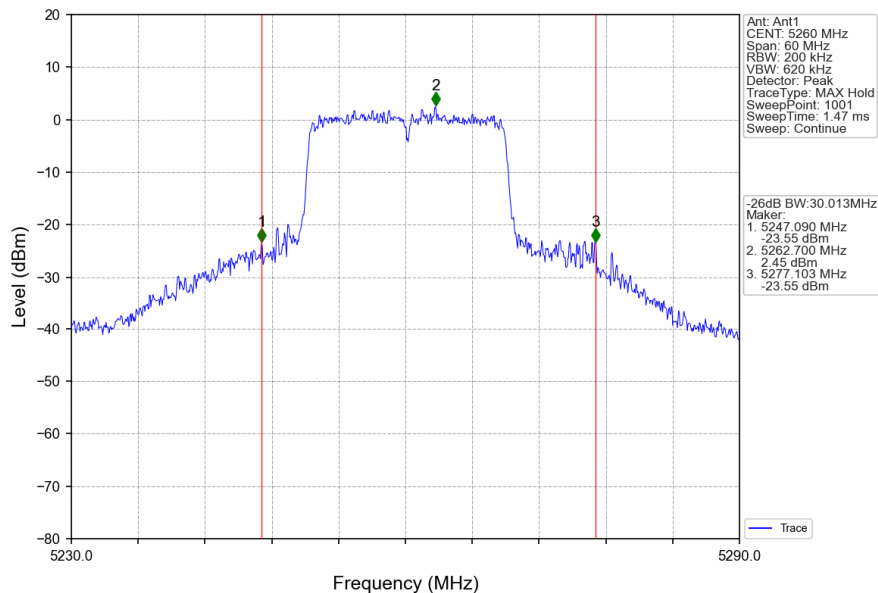
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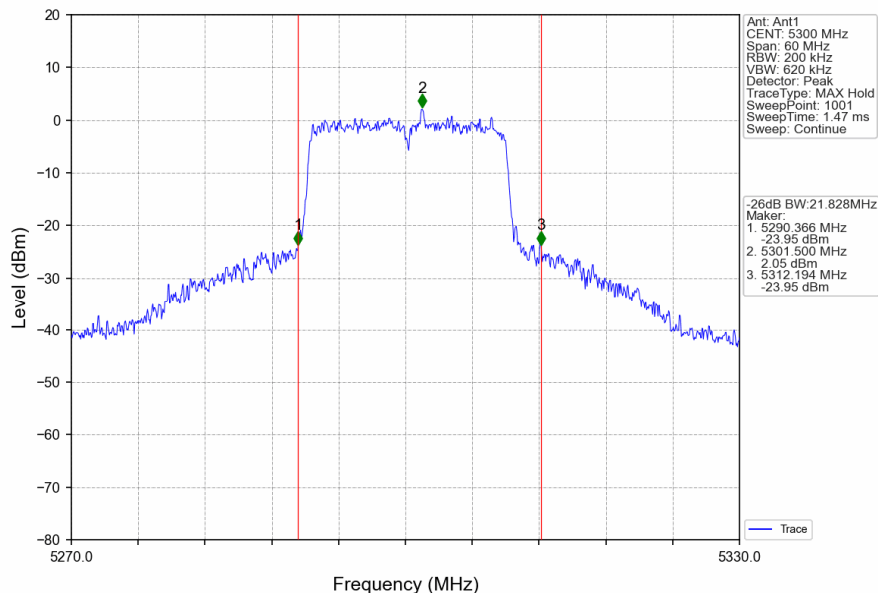
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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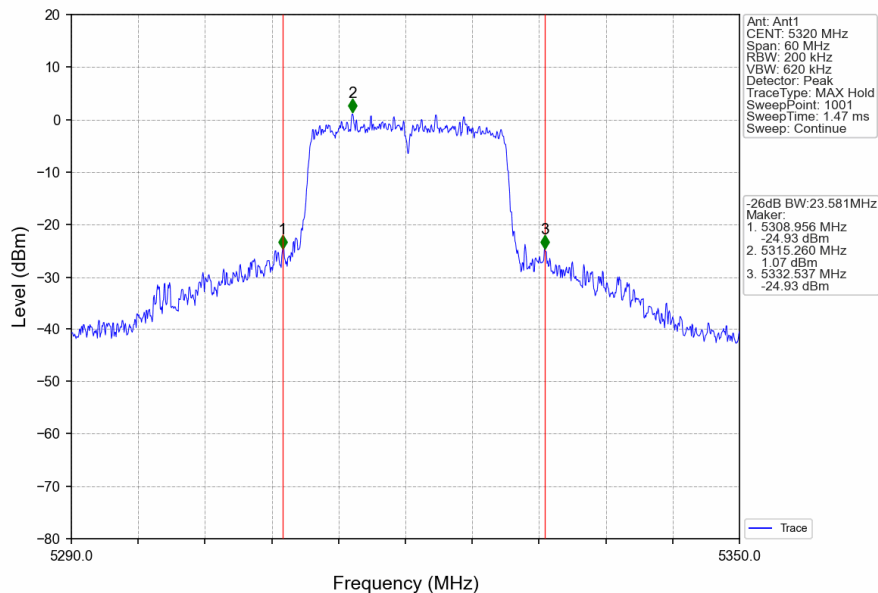
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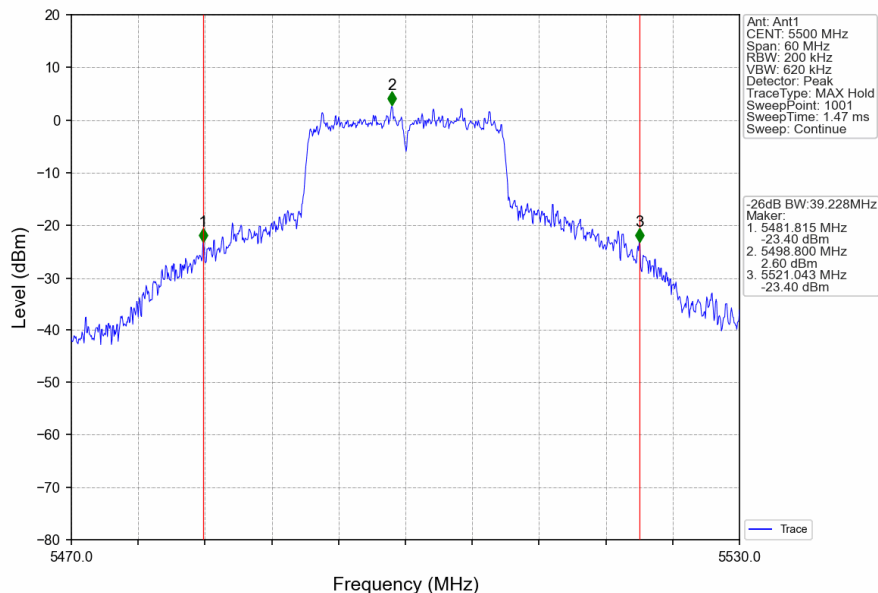
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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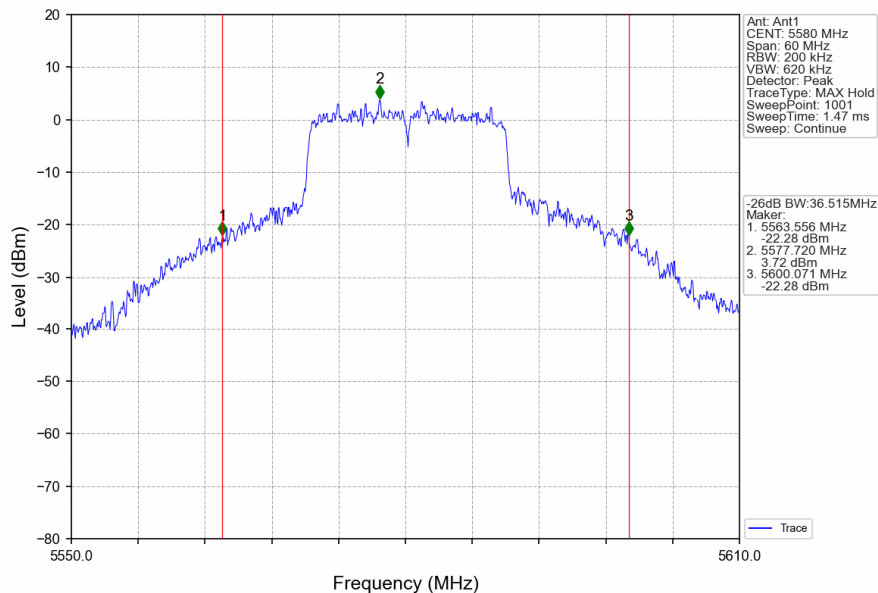
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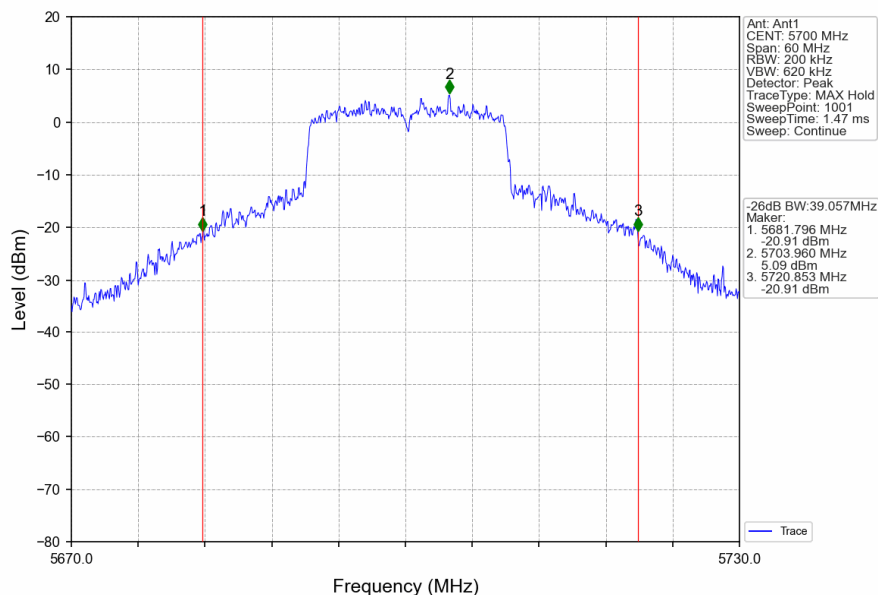
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



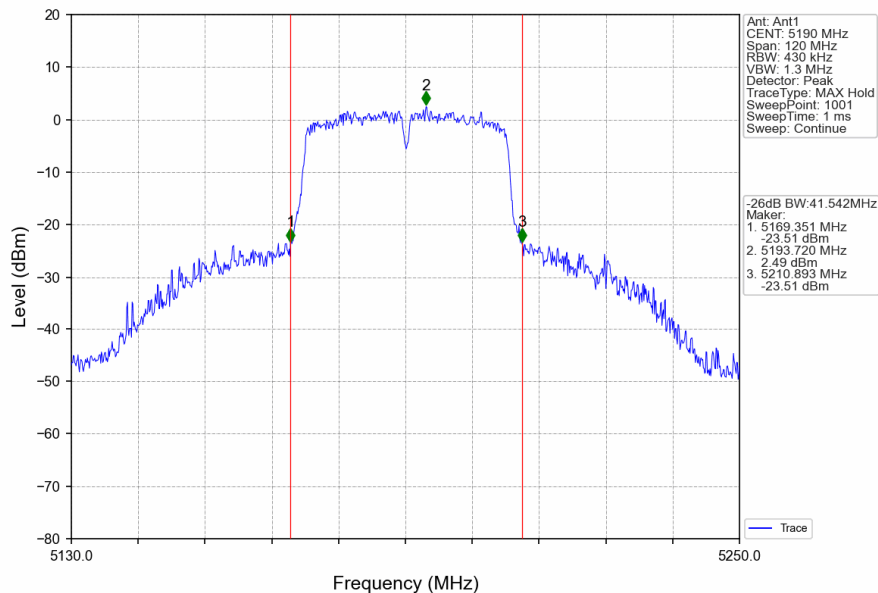
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



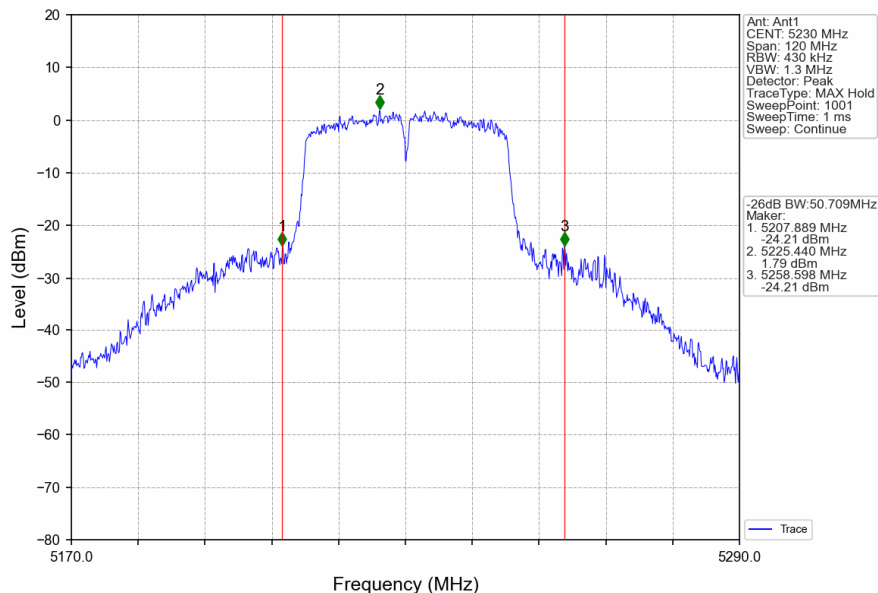
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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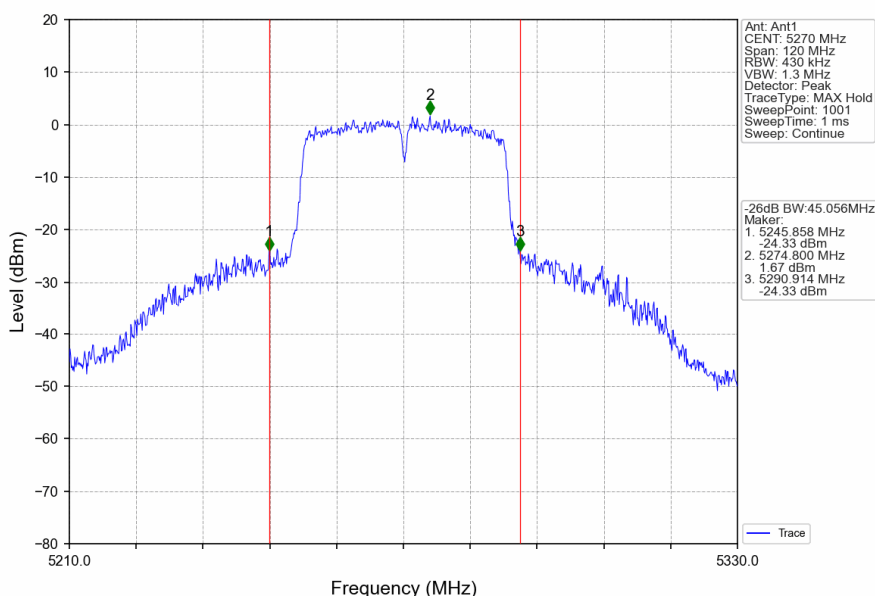
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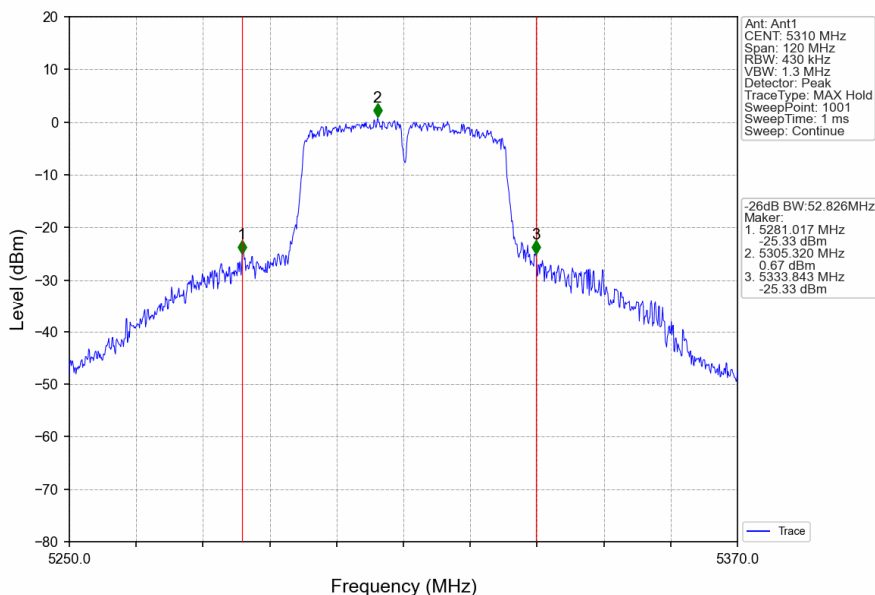
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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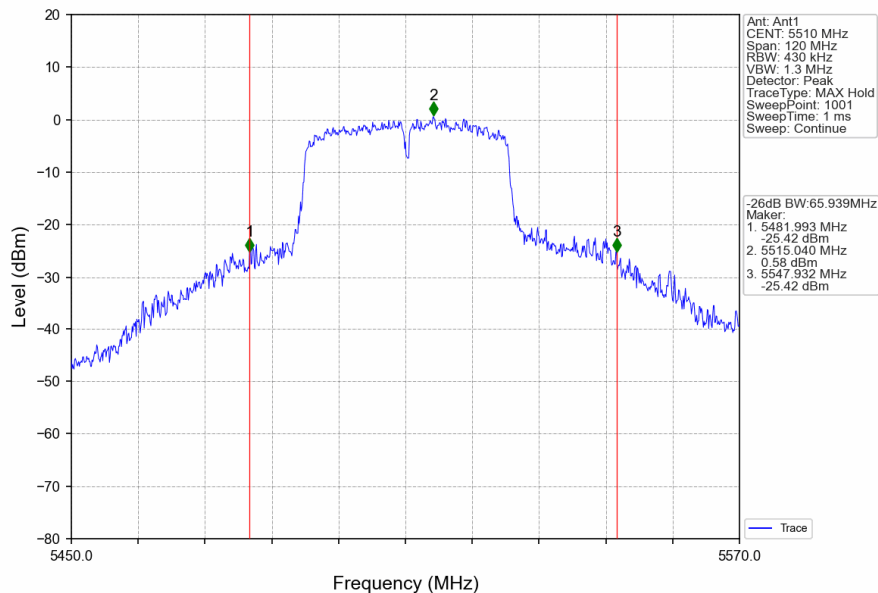
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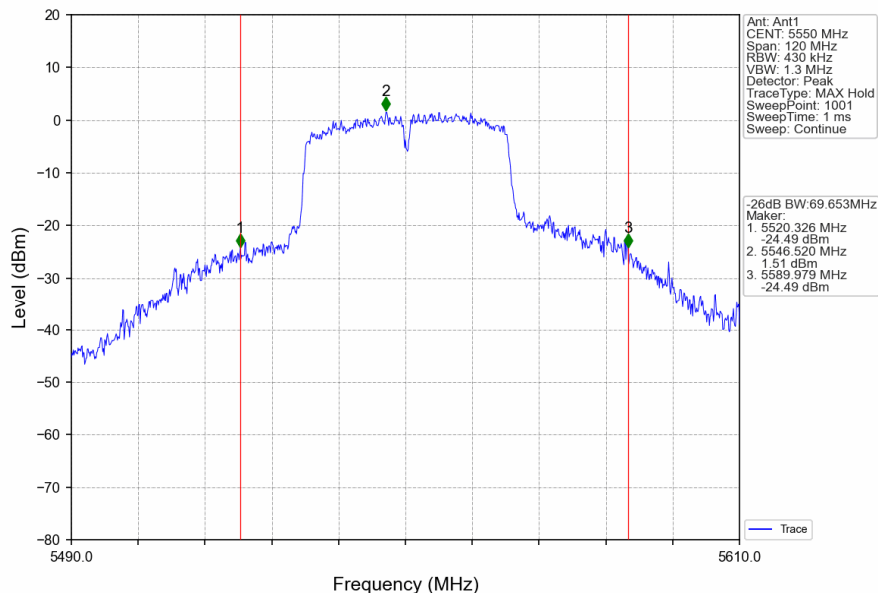
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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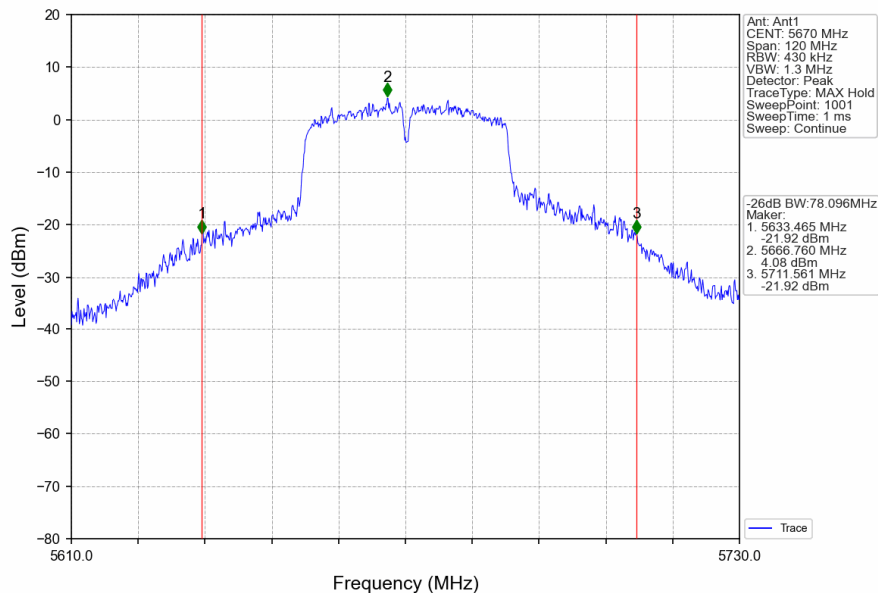
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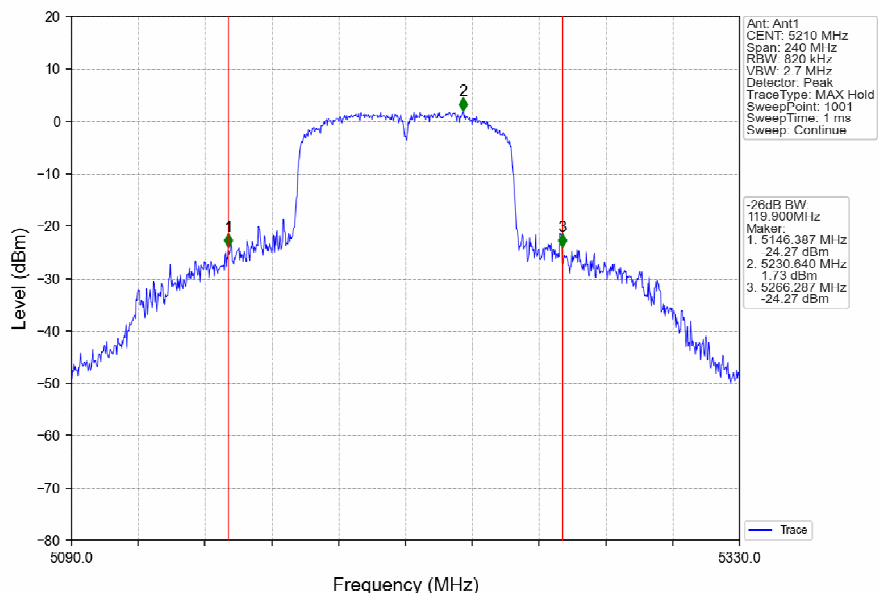
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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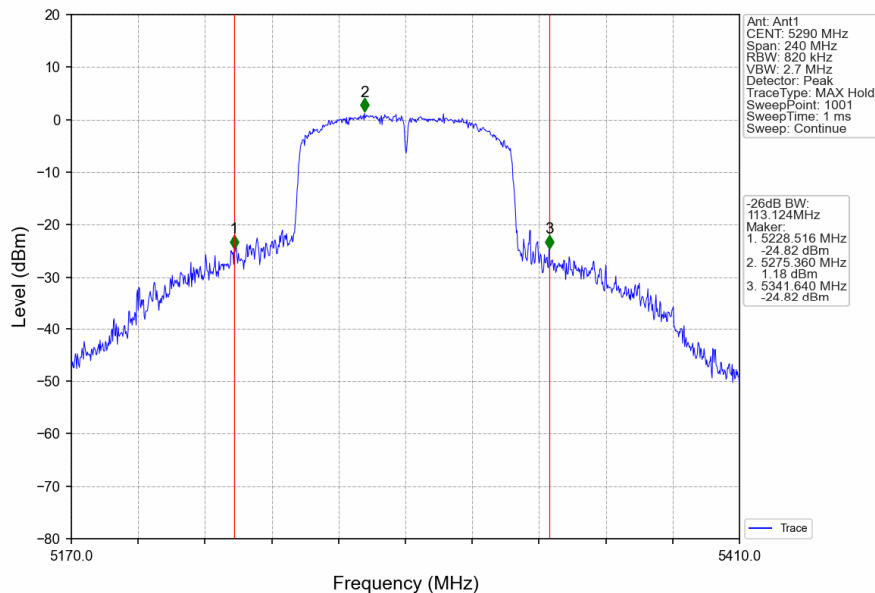
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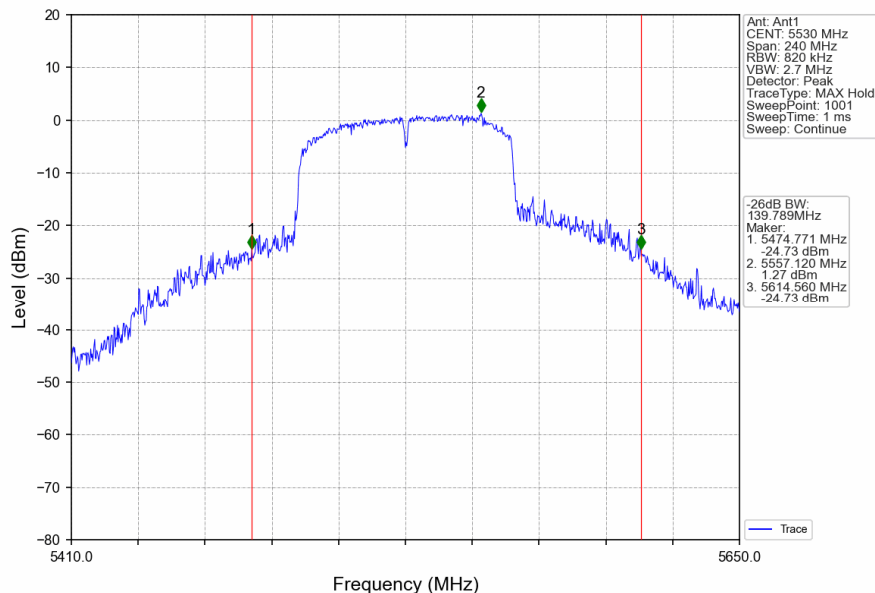
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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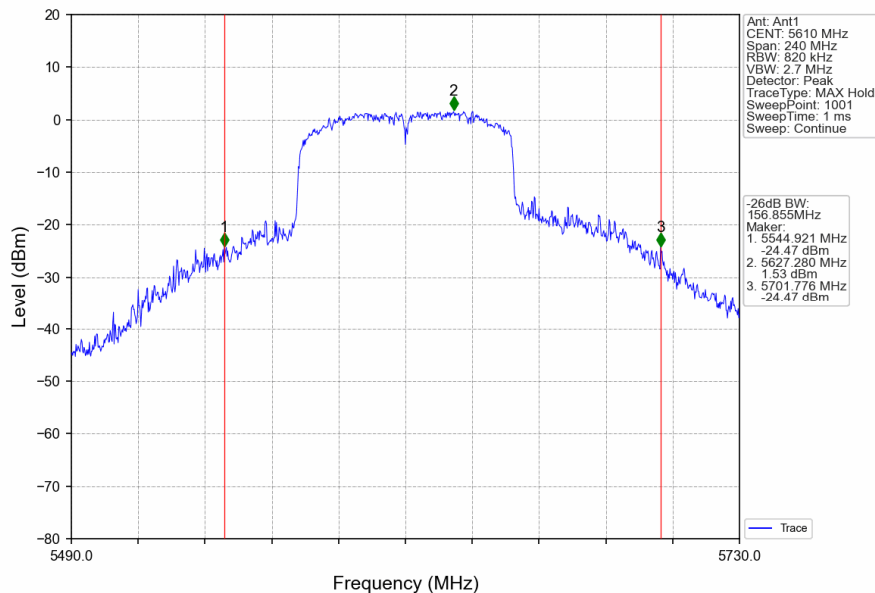
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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	ANT2	MIMO	Limit	
802.11a	SISO	5180	12.59	11.89	/	<=23.98	Pass
		5200	11.54	11.36	/	<=23.98	Pass
		5240	11.41	10.86	/	<=23.98	Pass
		5260	10.75	10.45	/	<=23.98	Pass
		5300	11.88	11.51	/	<=23.98	Pass
		5320	10.50	10.78	/	<=23.95	Pass
		5500	9.96	12.22	/	<=23.98	Pass
		5580	12.28	12.80	/	<=23.98	Pass
		5700	14.59	11.38	/	<=23.98	Pass
		5745	14.87	12.42	/	<=30	Pass
		5785	15.29	13.21	/	<=30	Pass
		5825	15.04	12.69	/	<=30	Pass
802.11n (HT20)	MIMO	5180	13.36	13.04	16.21	<=23.61	Pass
		5200	12.72	12.66	15.70	<=23.61	Pass
		5240	12.65	12.20	15.44	<=23.61	Pass
		5260	12.14	12.12	15.14	<=23.61	Pass
		5300	11.21	11.70	14.47	<=23.61	Pass
		5320	10.65	11.33	14.01	<=23.61	Pass
		5500	10.64	12.85	14.89	<=23.61	Pass
		5580	12.90	13.13	16.03	<=23.61	Pass
		5700	15.77	12.19	17.35	<=23.61	Pass
		5745	15.60	13.17	17.56	<=29.63	Pass
		5785	15.91	13.88	18.02	<=29.63	Pass
		5825	15.44	13.16	17.46	<=29.63	Pass
802.11n (HT40)	MIMO	5190	12.50	12.36	15.44	<=23.61	Pass
		5230	12.16	11.77	14.98	<=23.61	Pass
		5270	11.63	11.37	14.51	<=23.61	Pass
		5310	10.66	11.04	13.86	<=23.61	Pass
		5510	10.52	12.91	14.89	<=23.61	Pass
		5550	11.80	13.81	15.93	<=23.61	Pass
		5670	13.93	11.11	15.76	<=23.61	Pass
		5755	15.16	12.71	17.12	<=29.63	Pass
		5795	15.28	13.11	17.34	<=29.63	Pass



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Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11ac (VHT20)	MIMO	5180	12.92	12.73	15.84	<=23.61	Pass
		5200	14.15	13.64	16.91	<=23.61	Pass
		5240	13.23	12.77	16.02	<=23.61	Pass
		5260	12.39	12.38	15.40	<=23.61	Pass
		5300	11.53	12.10	14.83	<=23.61	Pass
		5320	10.91	11.65	14.31	<=23.61	Pass
		5500	11.93	13.40	15.74	<=23.61	Pass
		5580	13.20	13.26	16.24	<=23.61	Pass
		5700	14.72	11.68	16.47	<=23.61	Pass
		5745	14.83	12.52	16.84	<=29.63	Pass
		5785	15.20	13.25	17.34	<=29.63	Pass
		5825	15.53	13.16	17.52	<=29.63	Pass
802.11ac (VHT40)	MIMO	5190	12.41	12.33	15.38	<=23.61	Pass
		5230	12.24	11.88	15.07	<=23.61	Pass
		5270	11.64	11.41	14.54	<=23.61	Pass
		5310	10.72	11.11	13.93	<=23.61	Pass
		5510	10.62	12.96	14.96	<=23.61	Pass
		5550	11.91	13.90	16.03	<=23.61	Pass
		5670	14.01	11.12	15.81	<=23.61	Pass
		5755	15.29	12.81	17.23	<=29.63	Pass
		5795	15.56	12.91	17.44	<=29.63	Pass
802.11ac (VHT80)	MIMO	5210	11.66	11.11	14.40	<=23.61	Pass
		5290	10.66	10.32	13.50	<=23.61	Pass
		5530	11.38	13.19	15.39	<=23.61	Pass
		5610	12.38	12.01	15.21	<=23.61	Pass
		5775	15.10	12.36	16.95	<=29.63	Pass

Note1: Antenna Gain: Ant1: 3.35dBi; Ant2: 3.08dBi.

Note2: Directional Gain: 6.36dBi, so the limit shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi (6.36dB-6dB=0.36dB)



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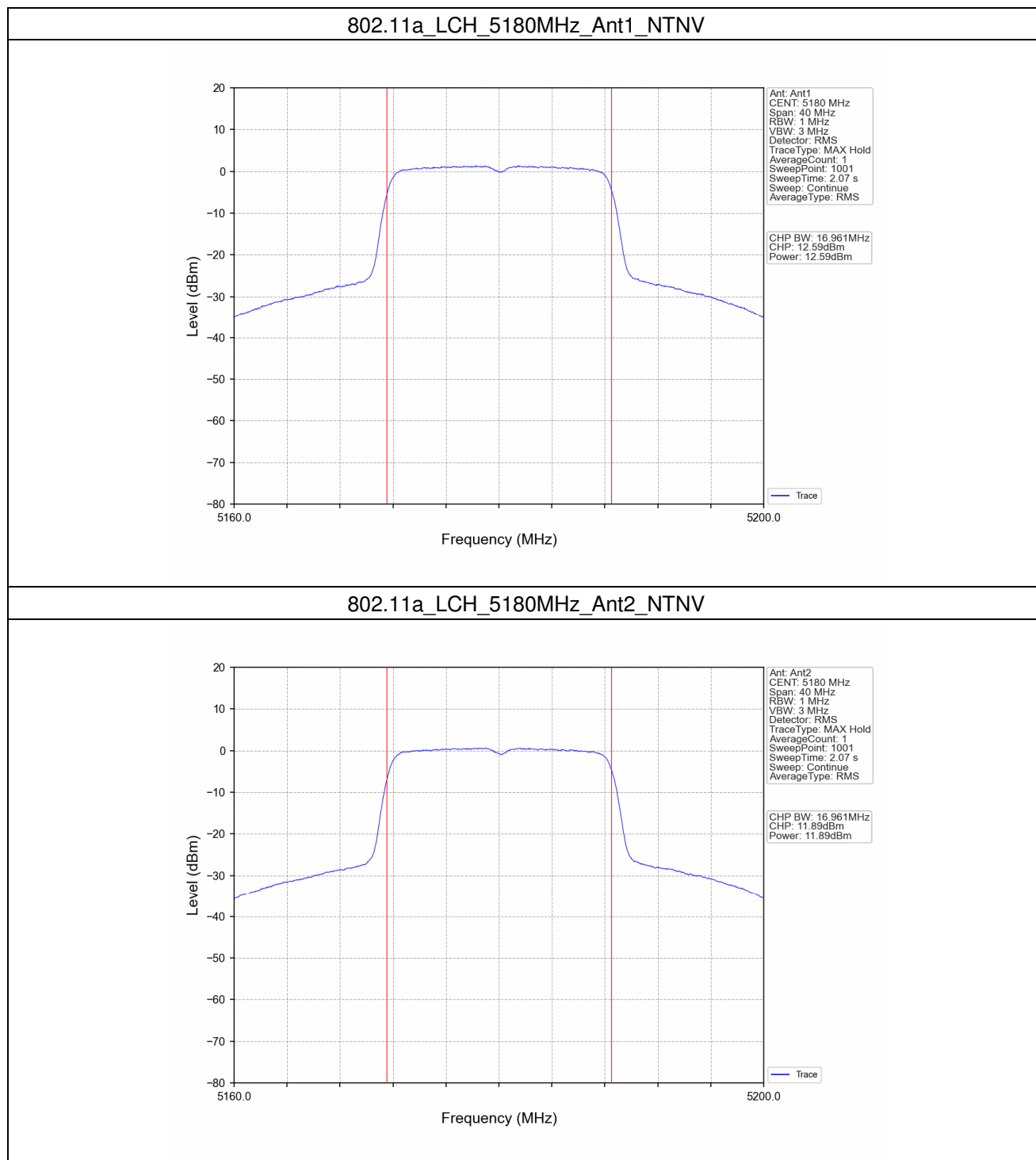
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3.2 Test Graph

3.2.1 Power



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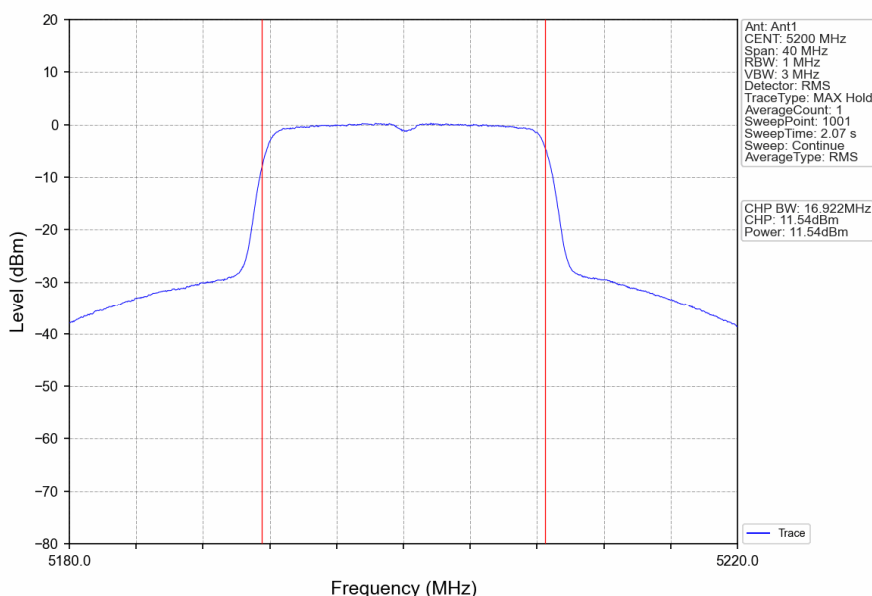
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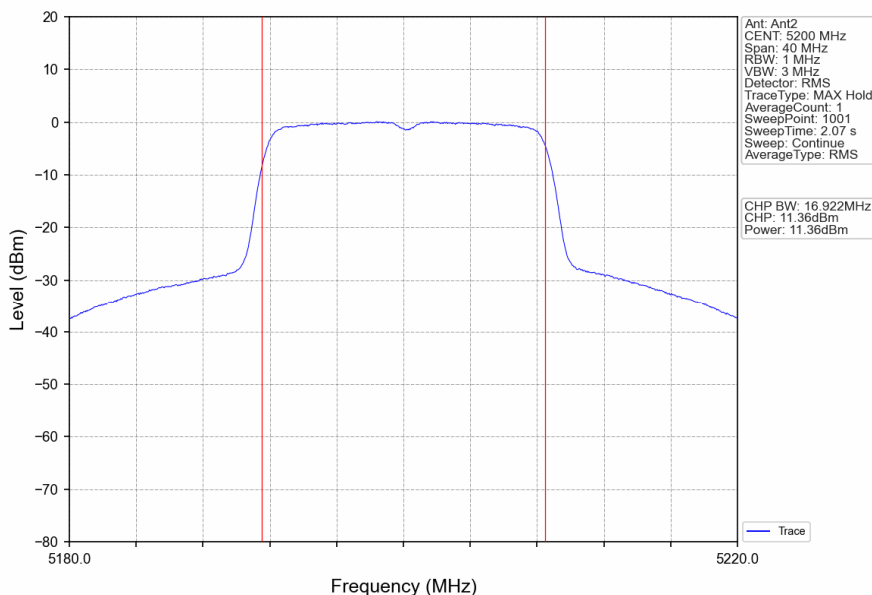
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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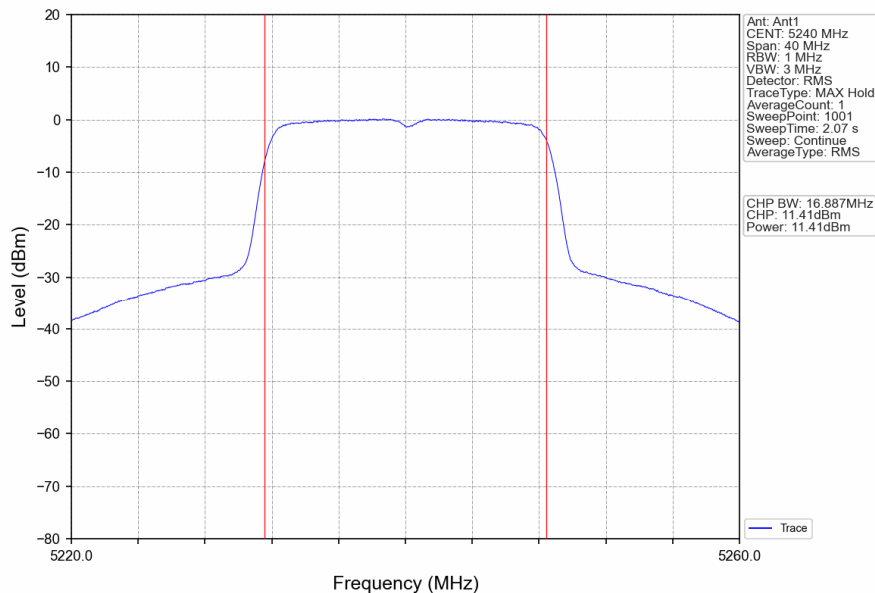
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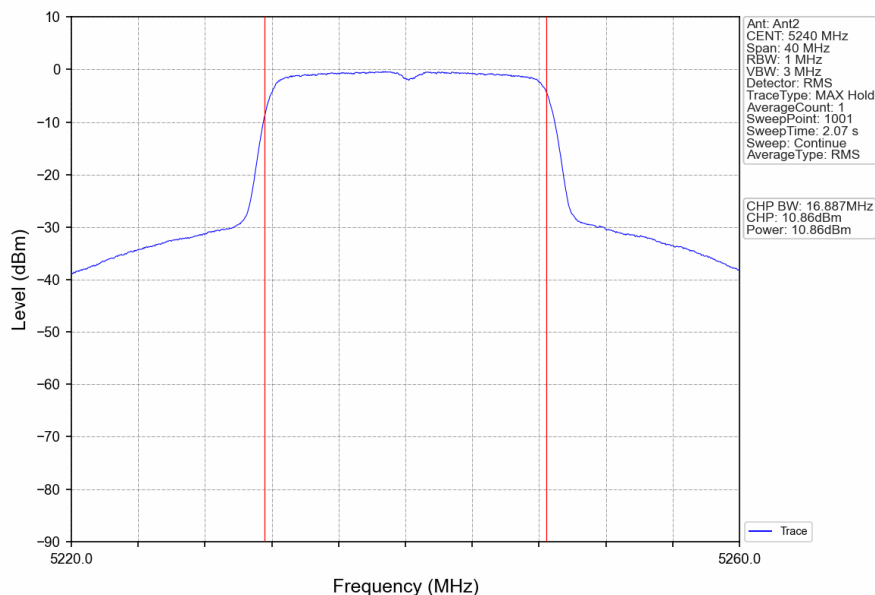
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802.11a_HCH_5240MHz_Ant1_NTNV



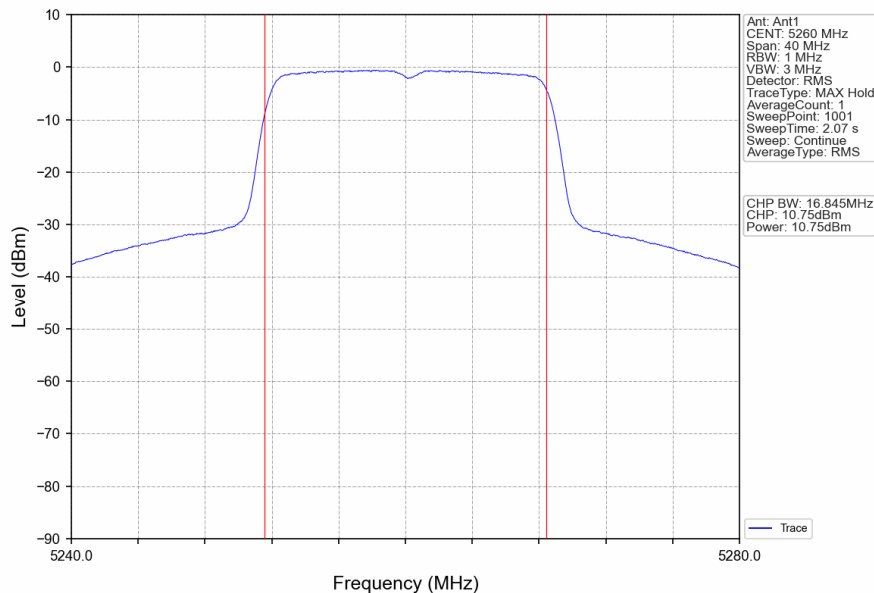
802.11a_HCH_5240MHz_Ant2_NTNV



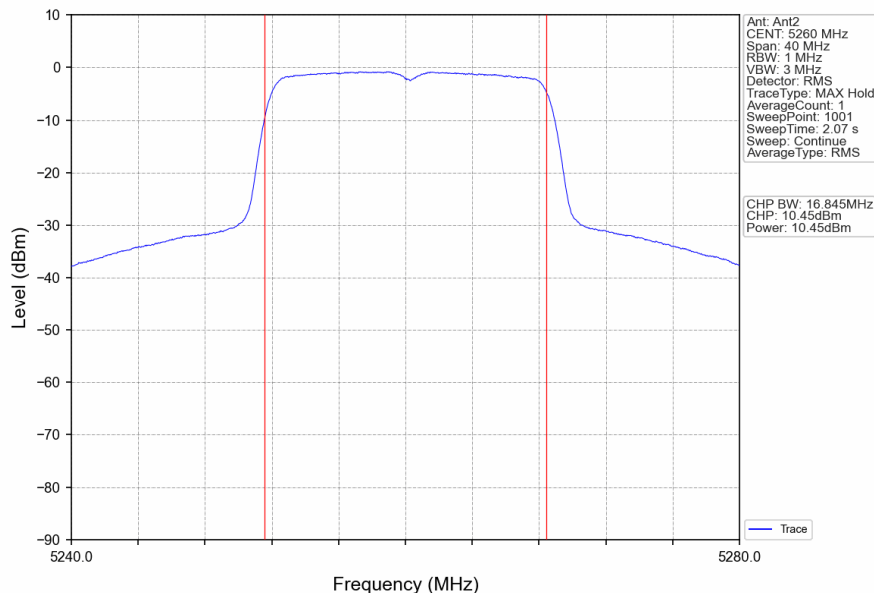
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802.11a_LCH_5260MHz_Ant1_NTNV



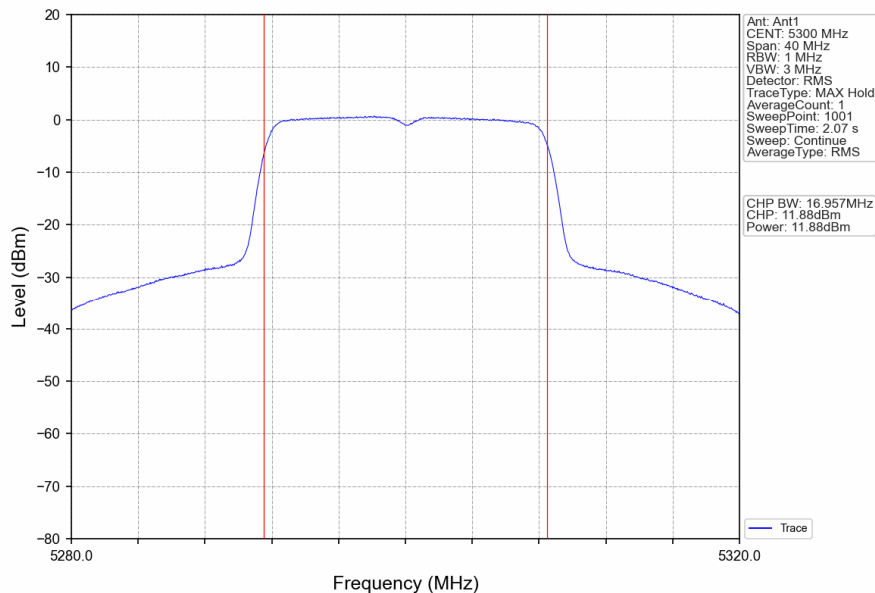
802.11a_LCH_5260MHz_Ant2_NTNV



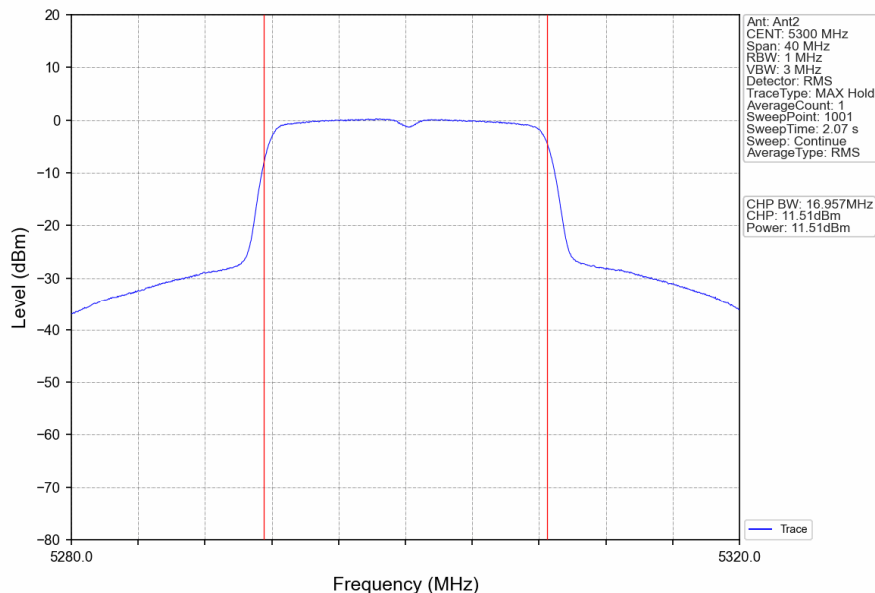
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802.11a_MCH_5300MHz_Ant1_NTNV



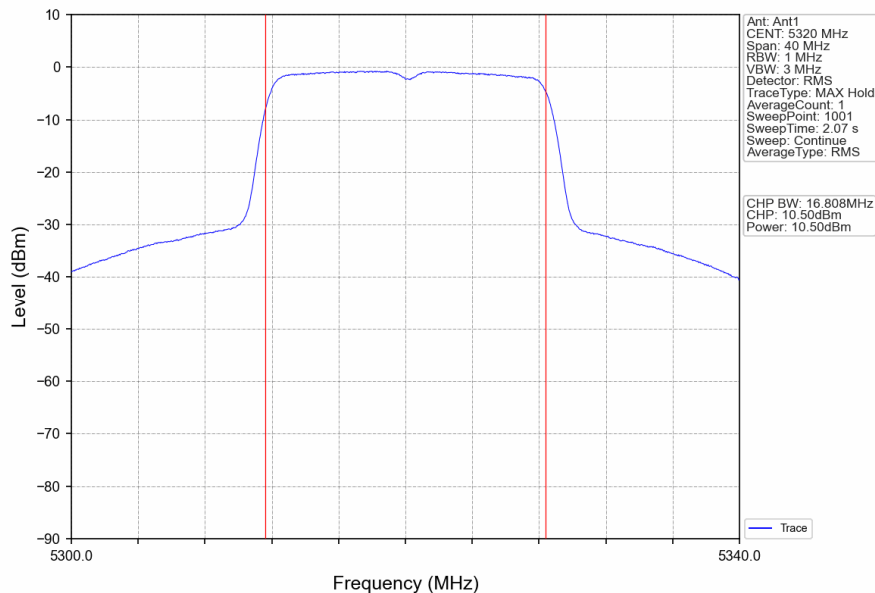
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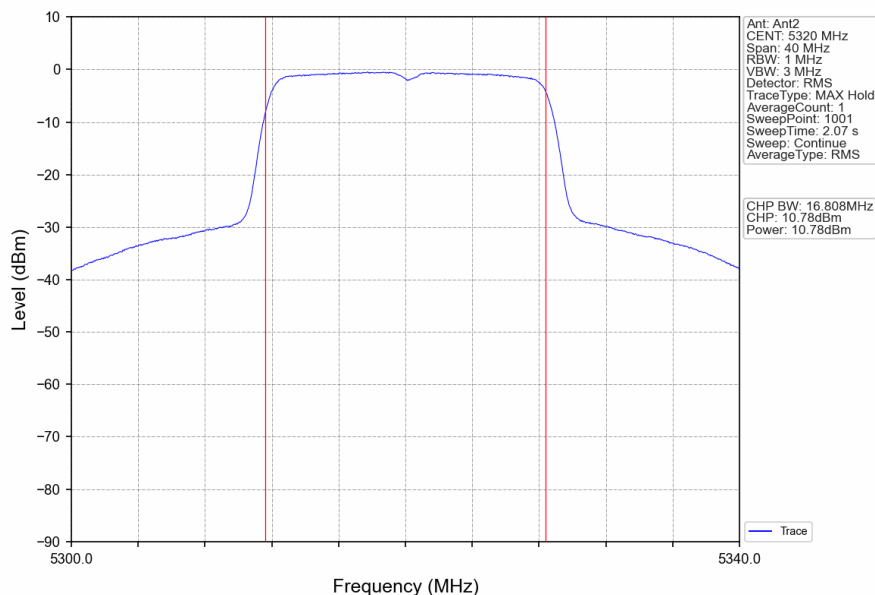
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802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



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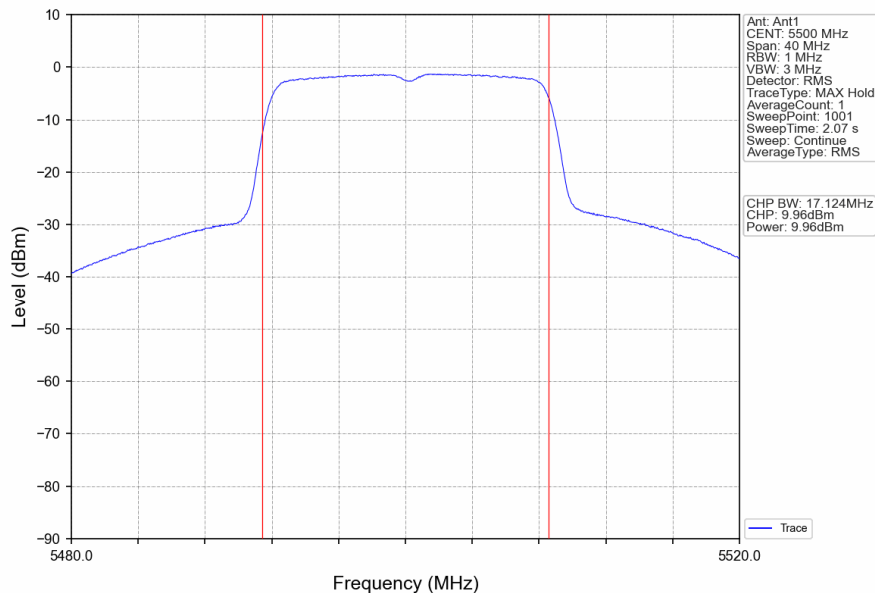
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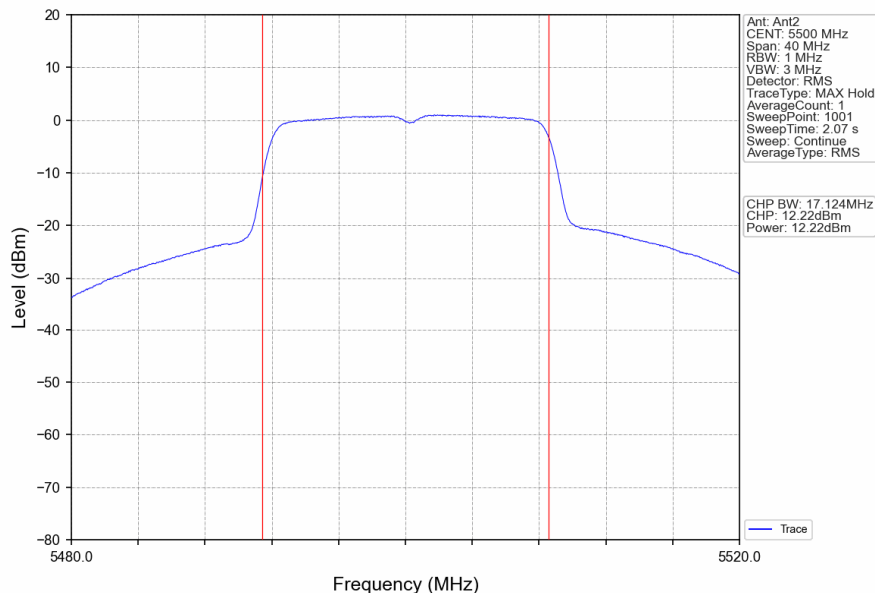
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV



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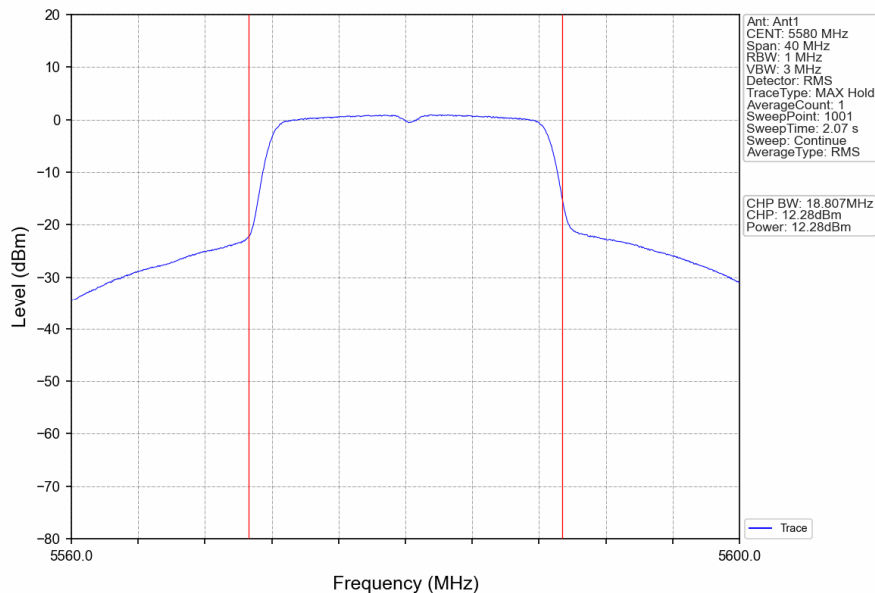
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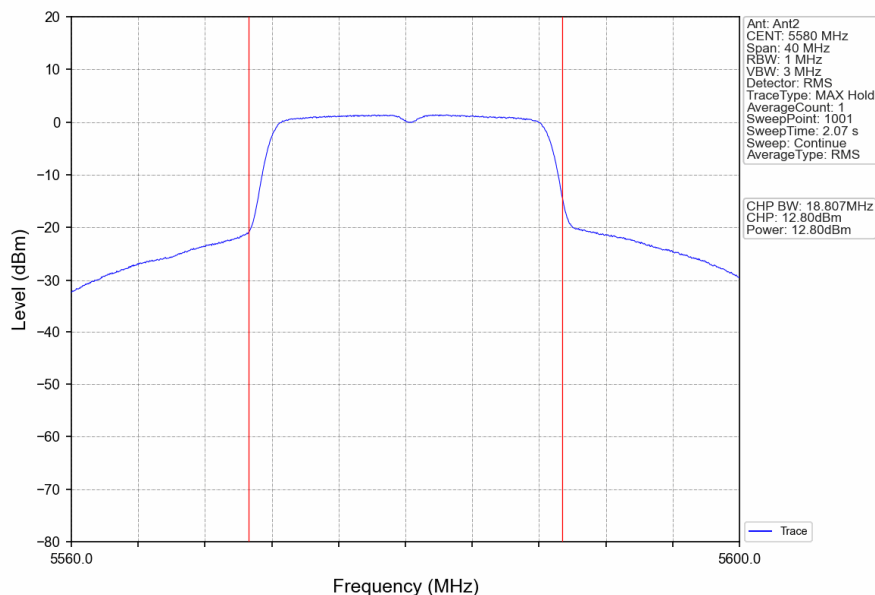
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802.11a_MCH_5580MHz_Ant1_NTNV



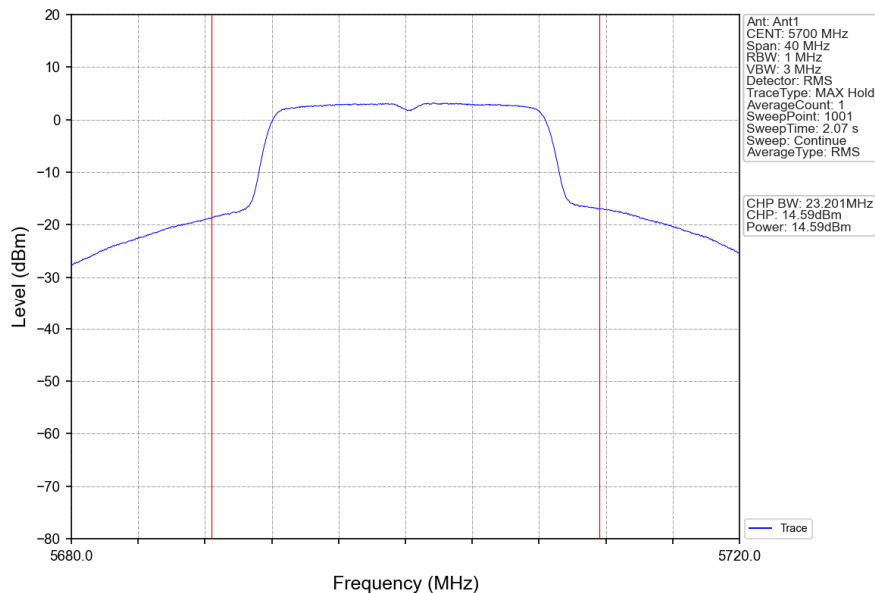
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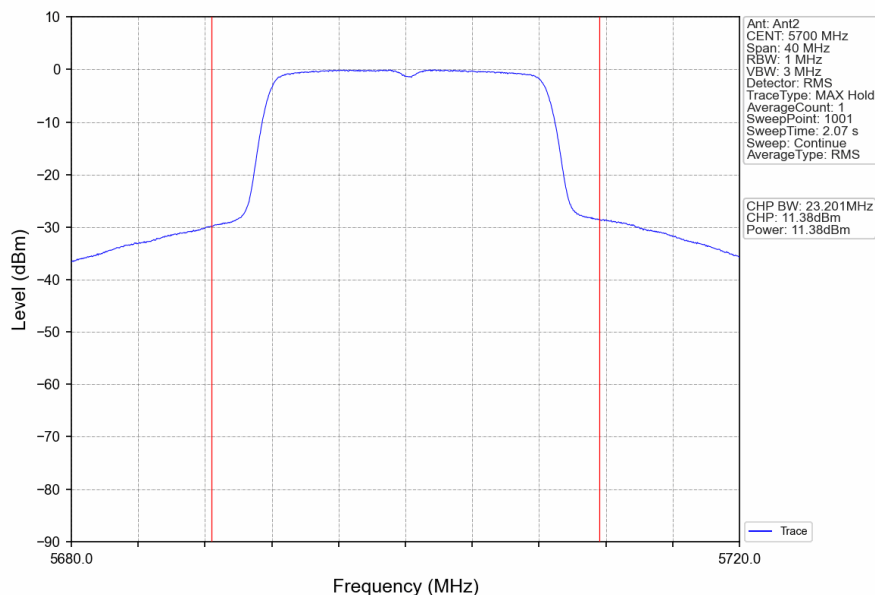
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802.11a_HCH_5700MHz_Ant1_NTNV



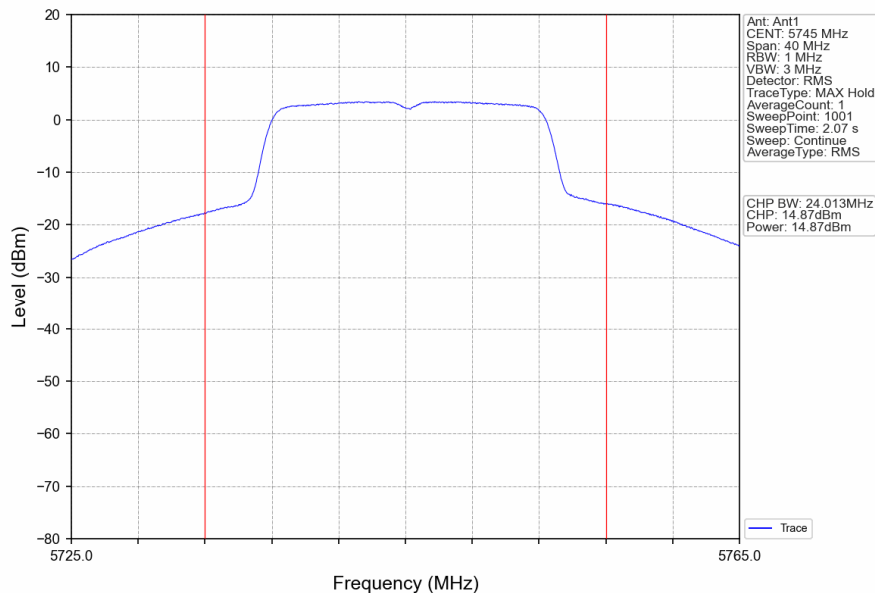
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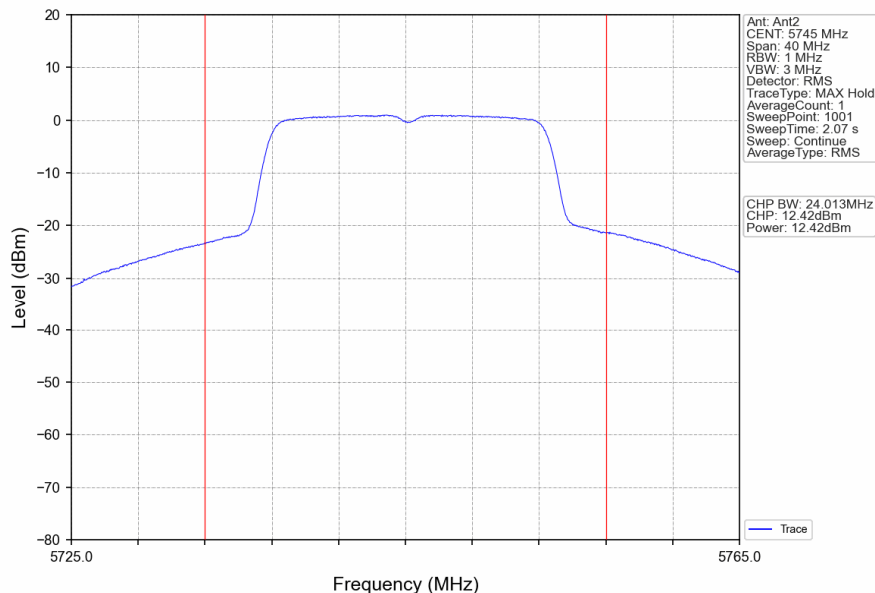
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802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant2_NTNV



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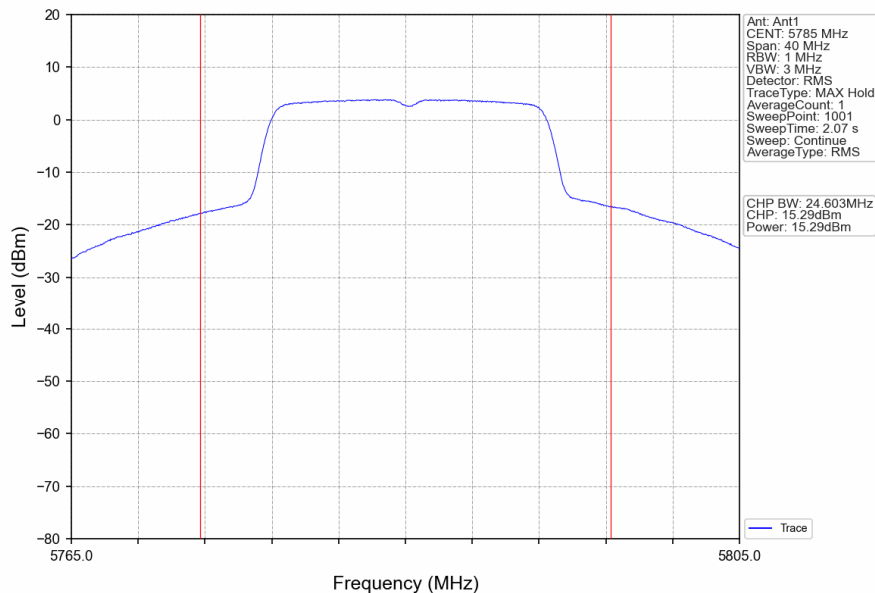
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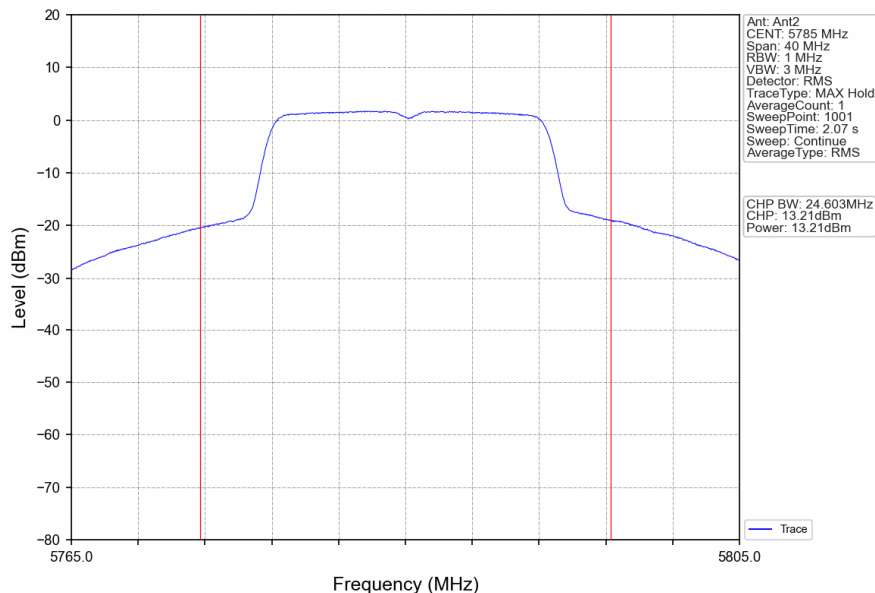
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



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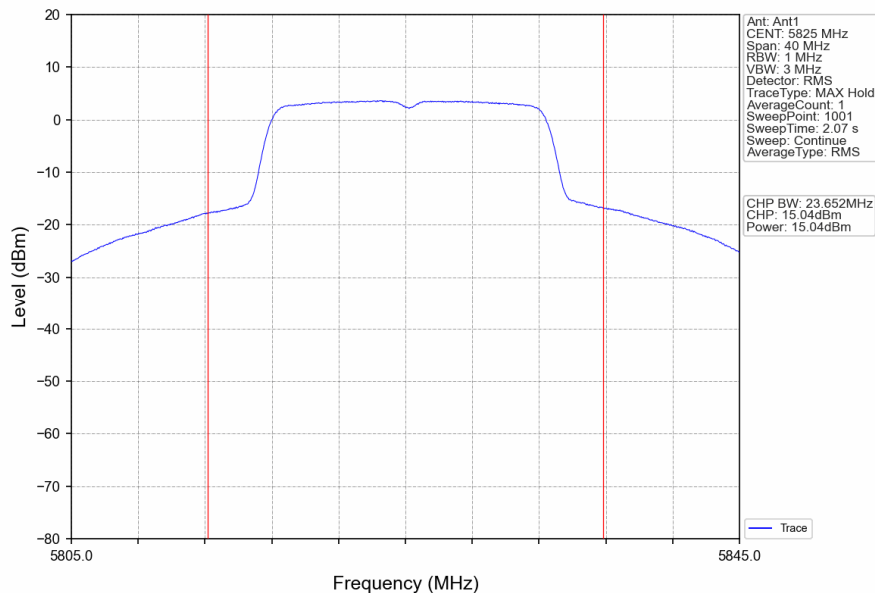
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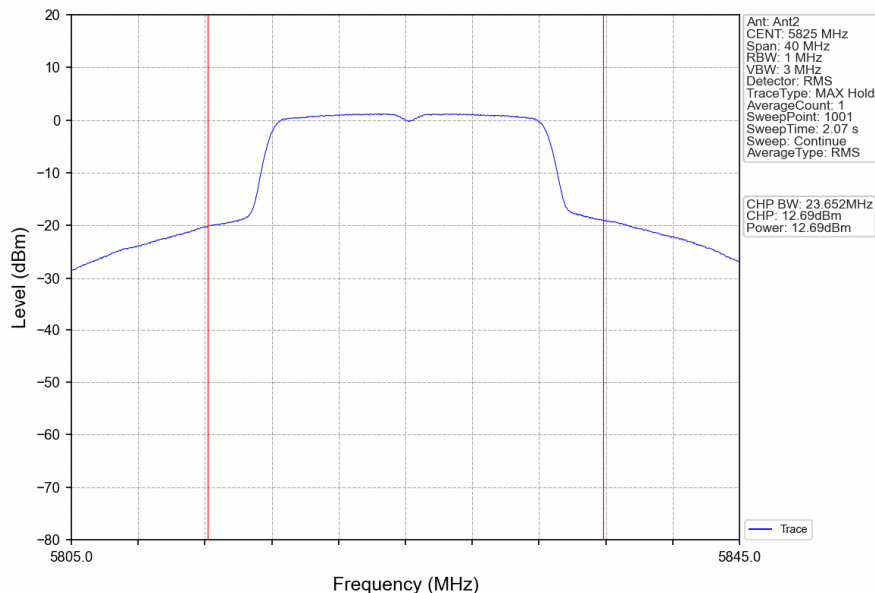
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802.11a_HCH_5825MHz_Ant1_NTNV



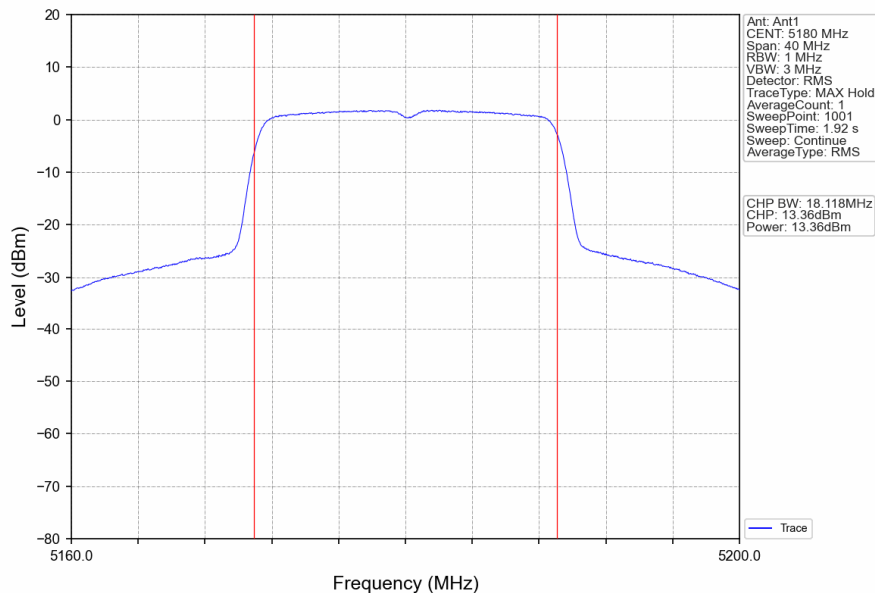
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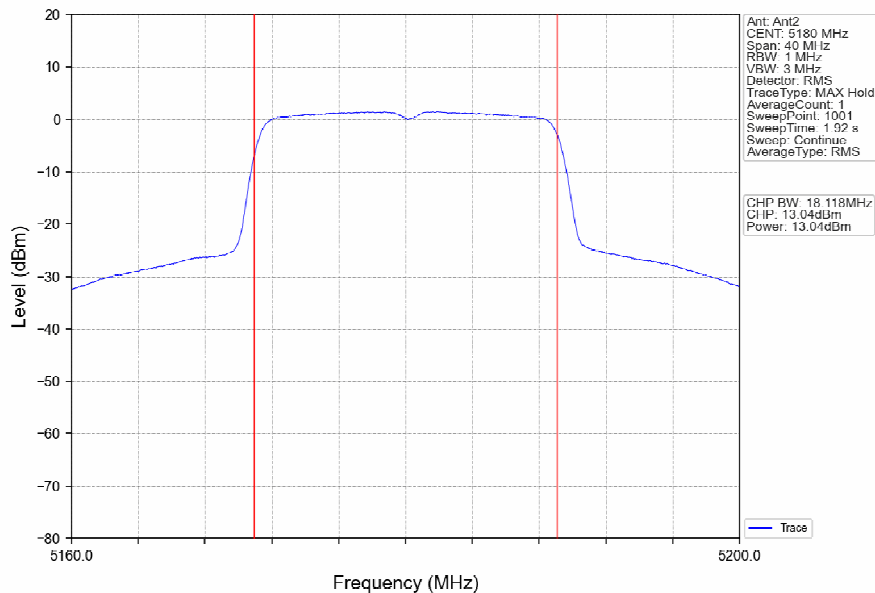
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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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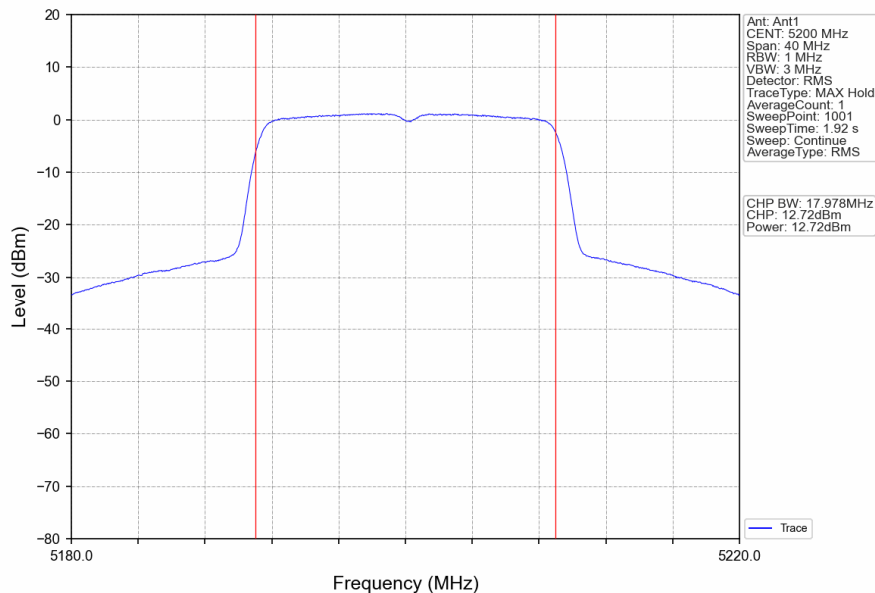
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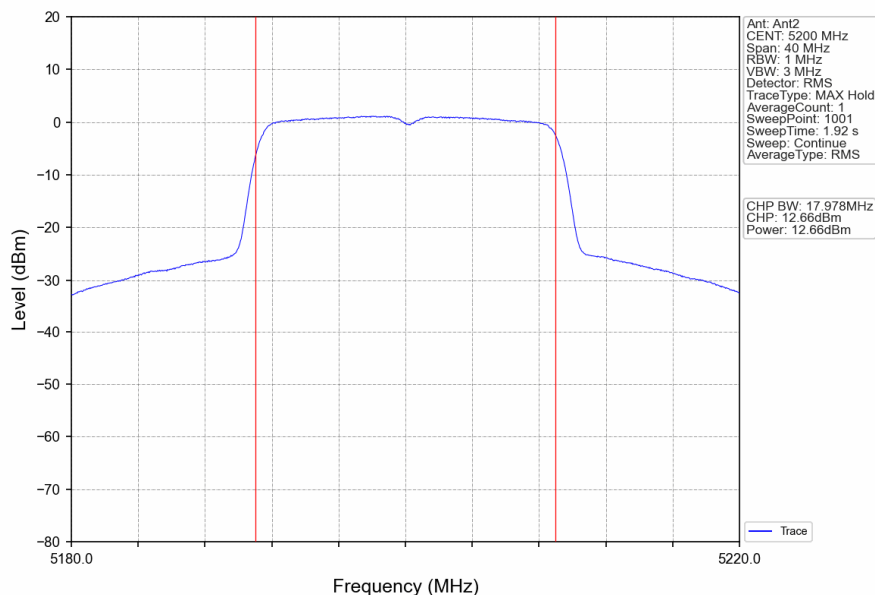
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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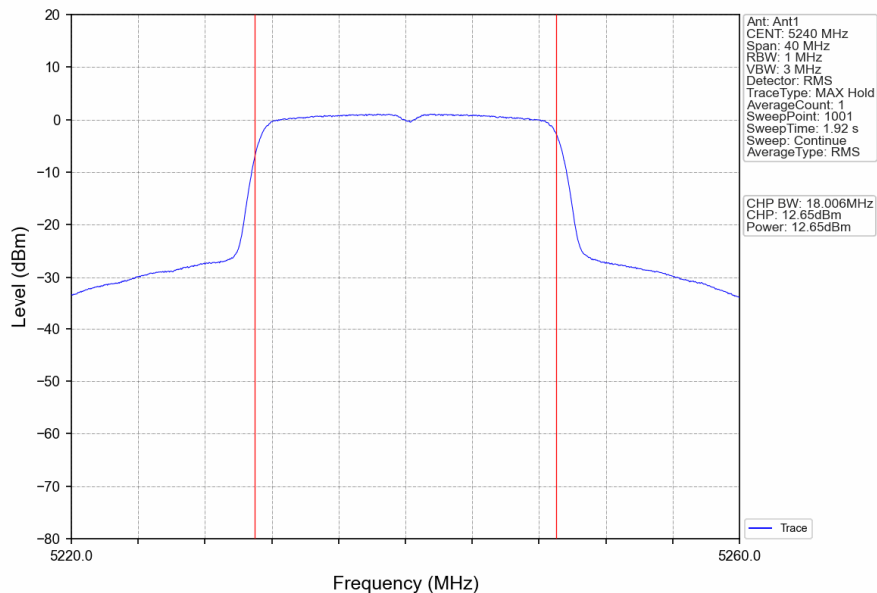
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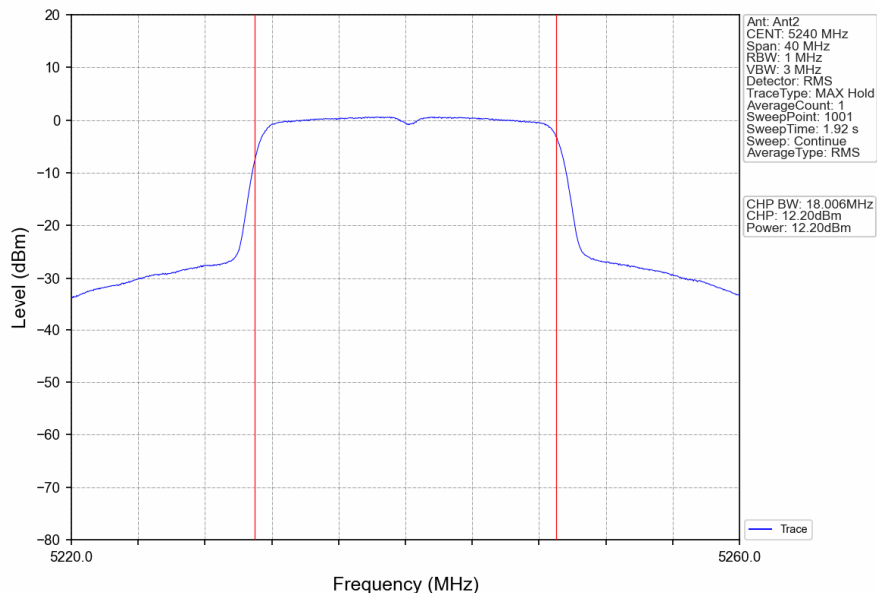
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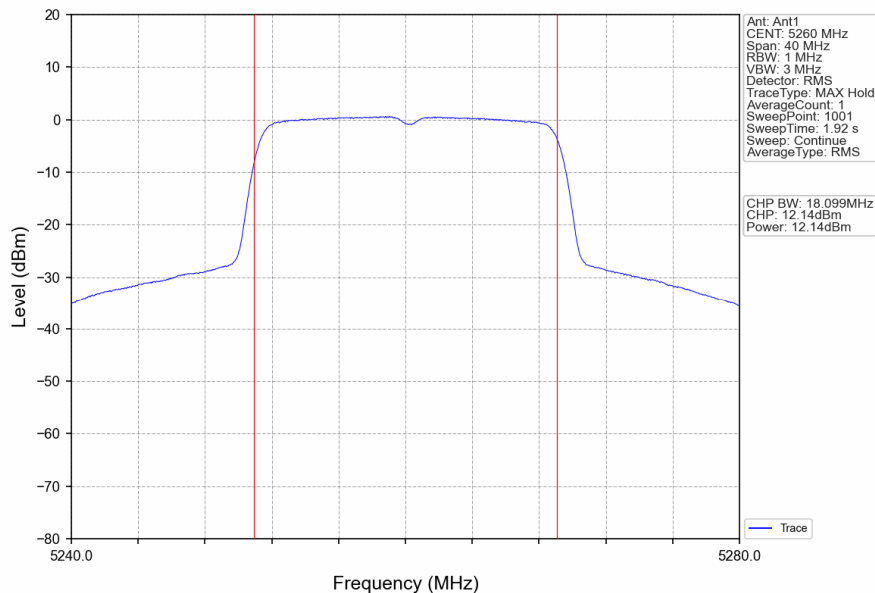
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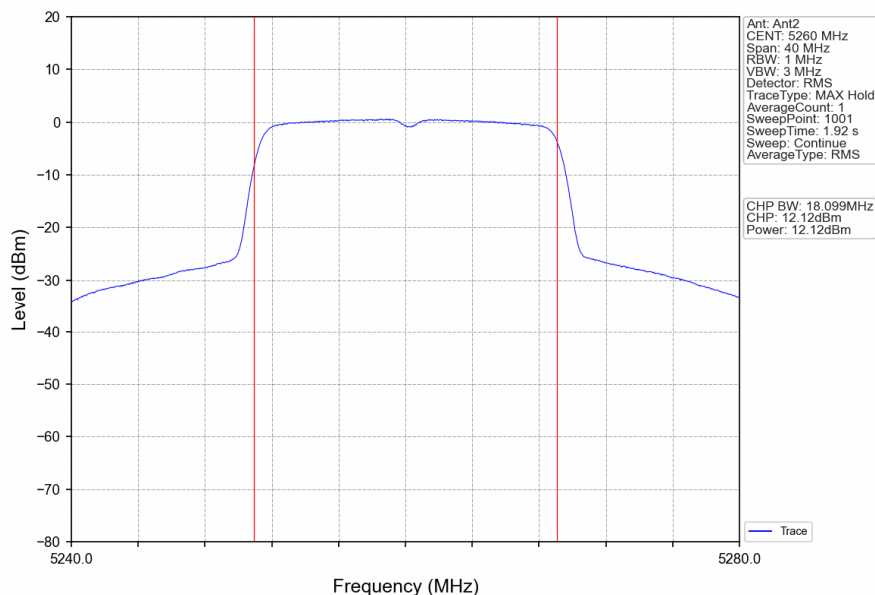
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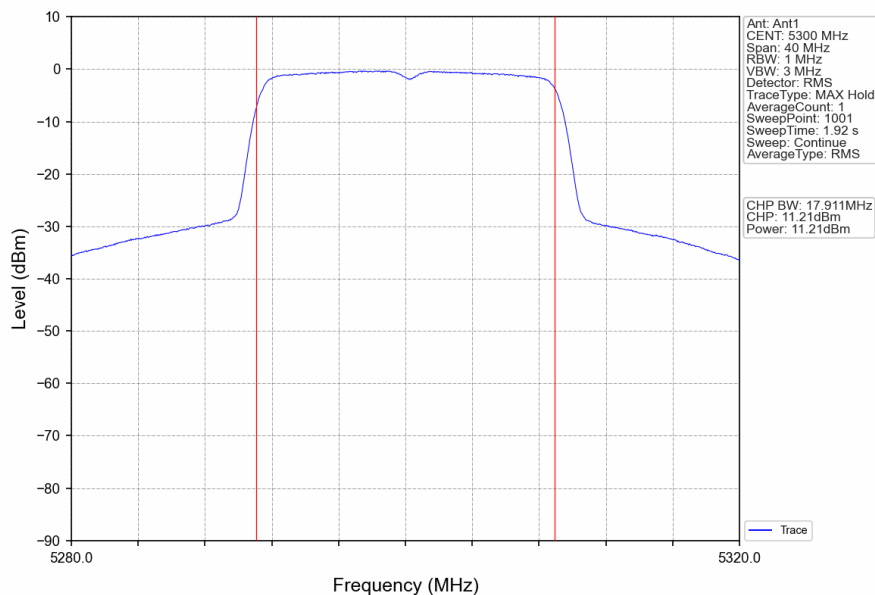
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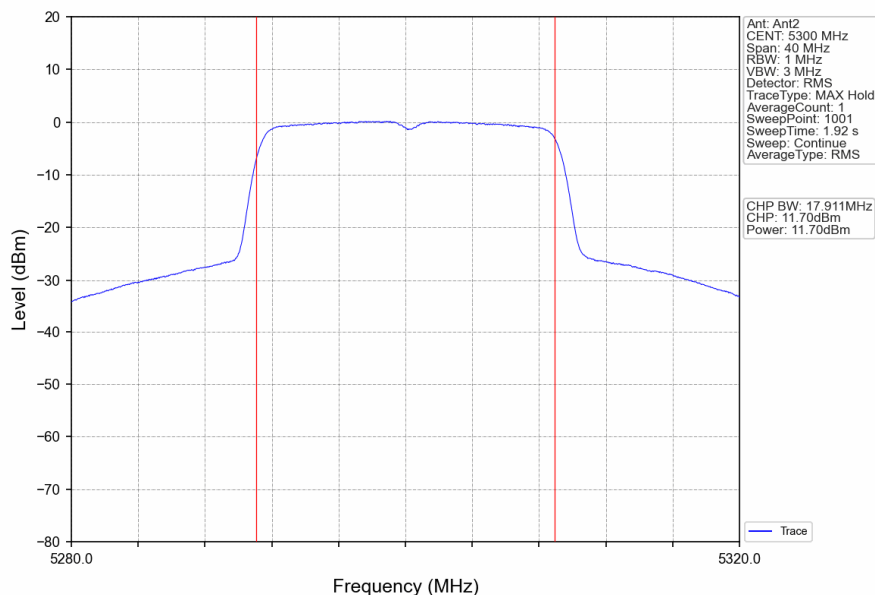
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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



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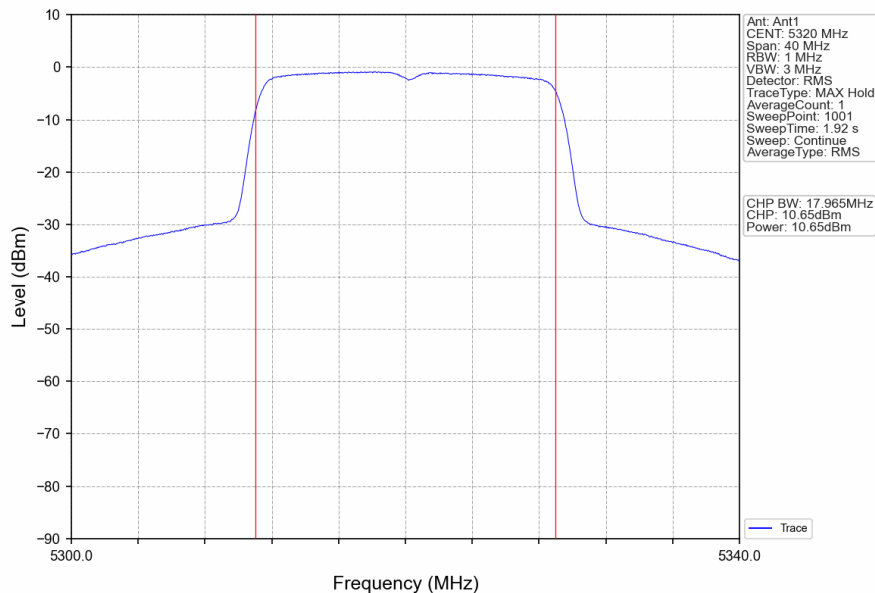
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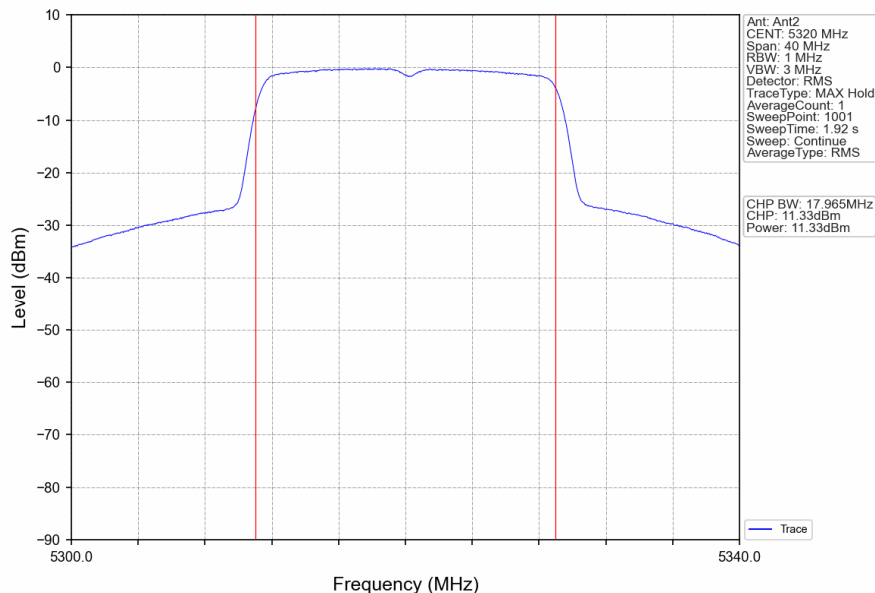
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



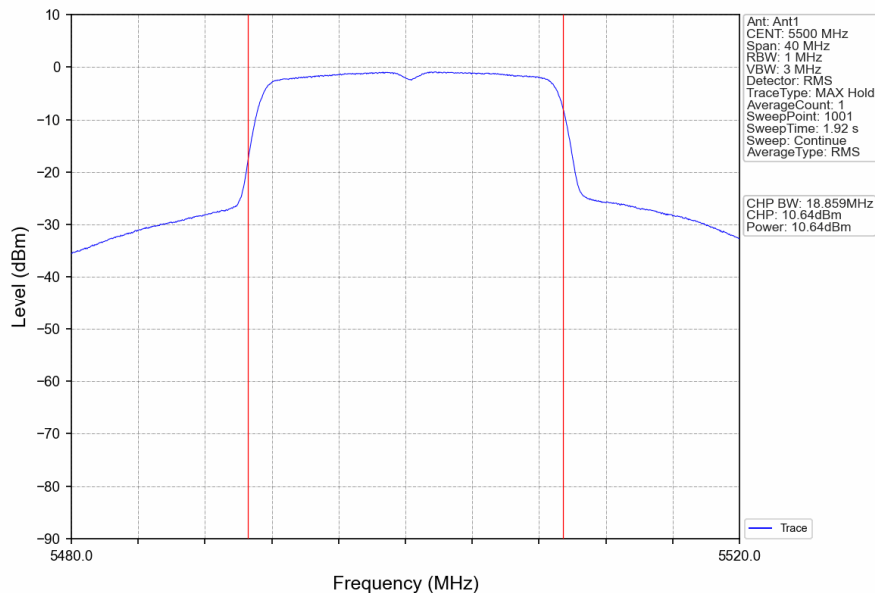
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



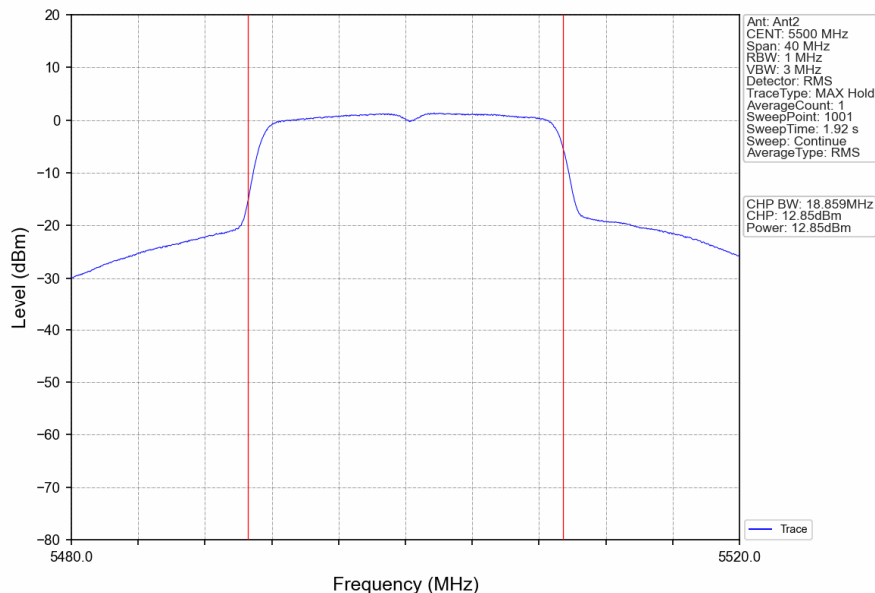
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



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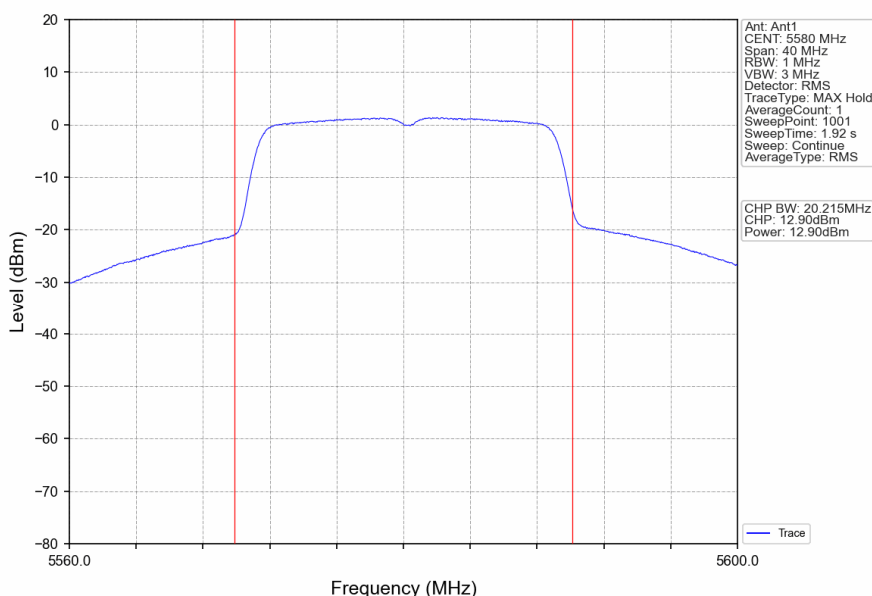
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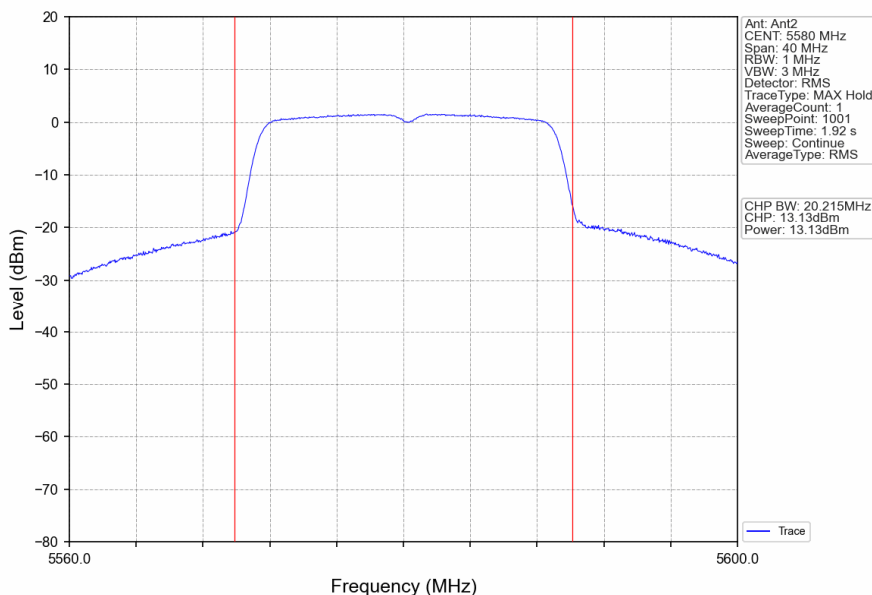
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



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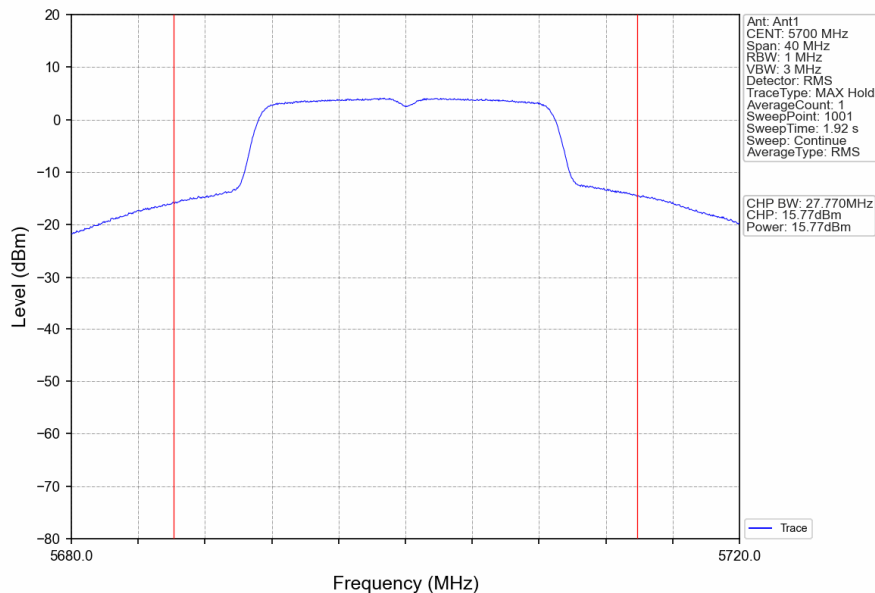
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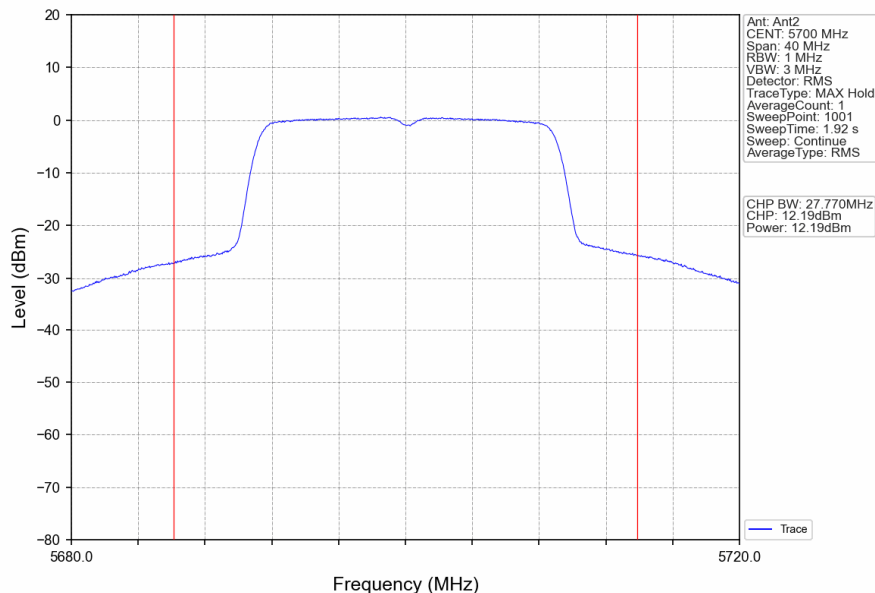
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



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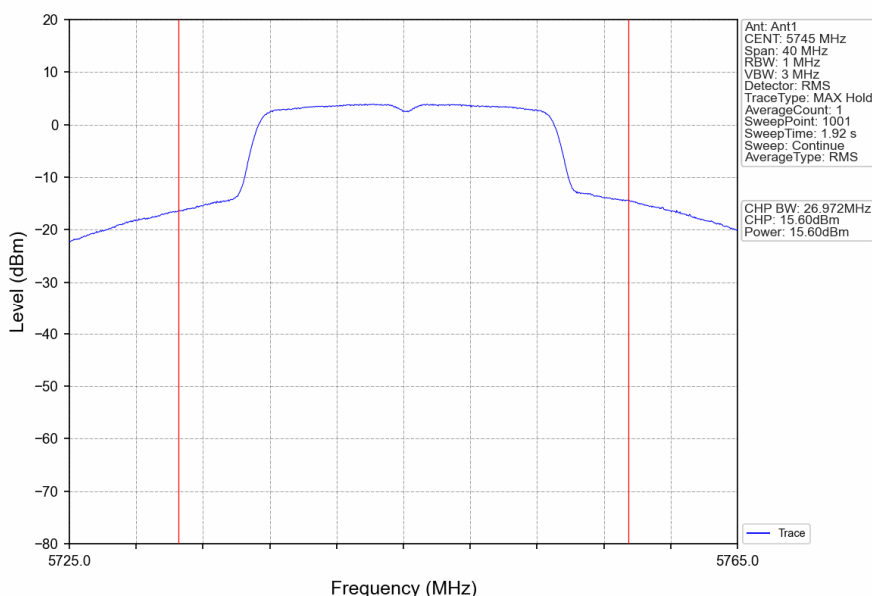
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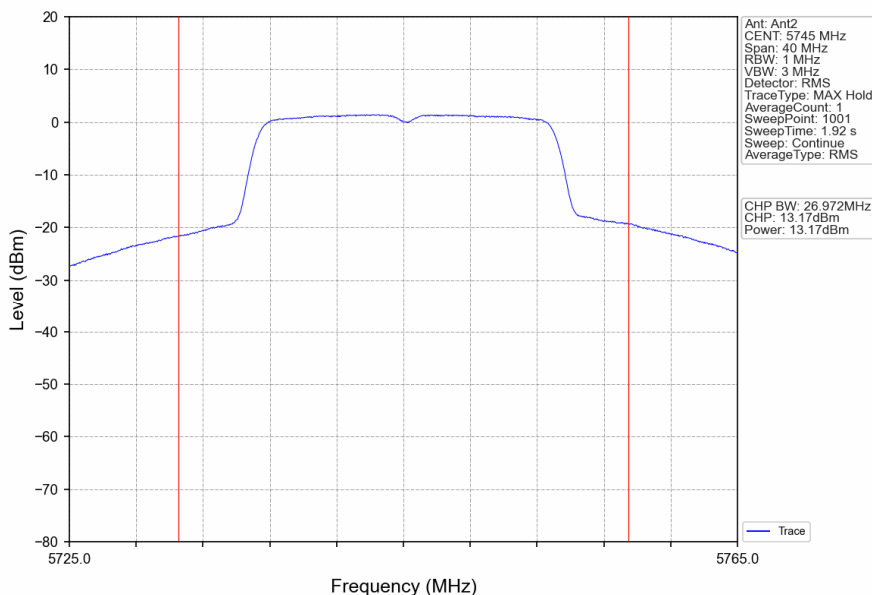
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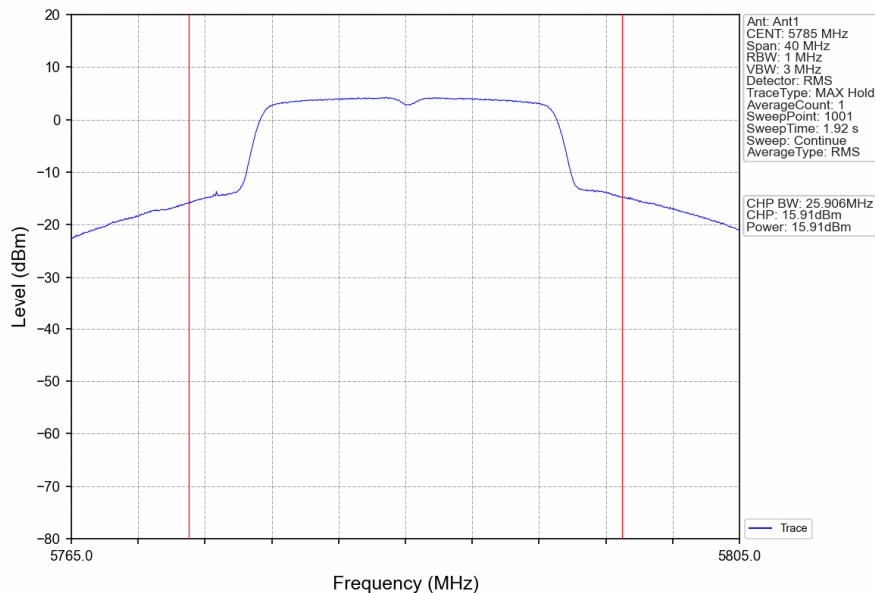
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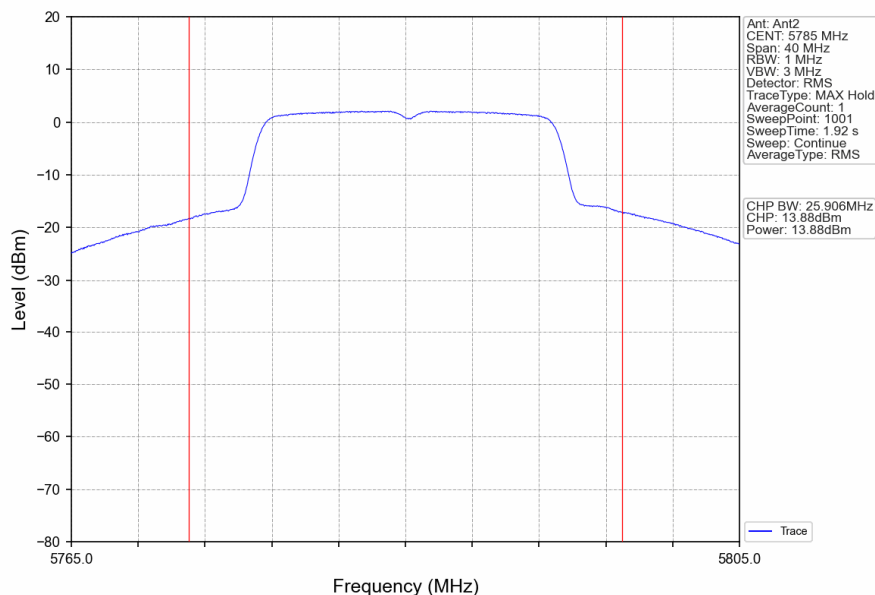
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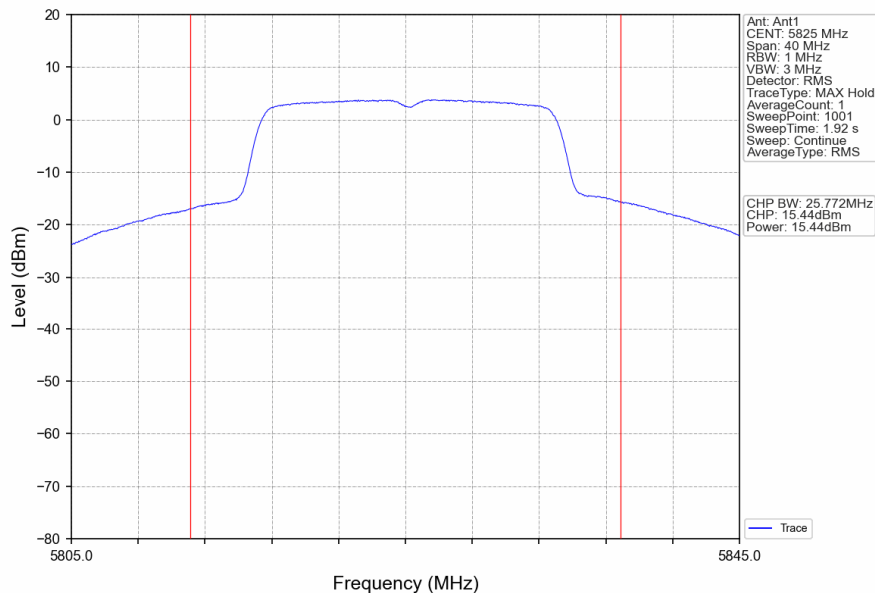
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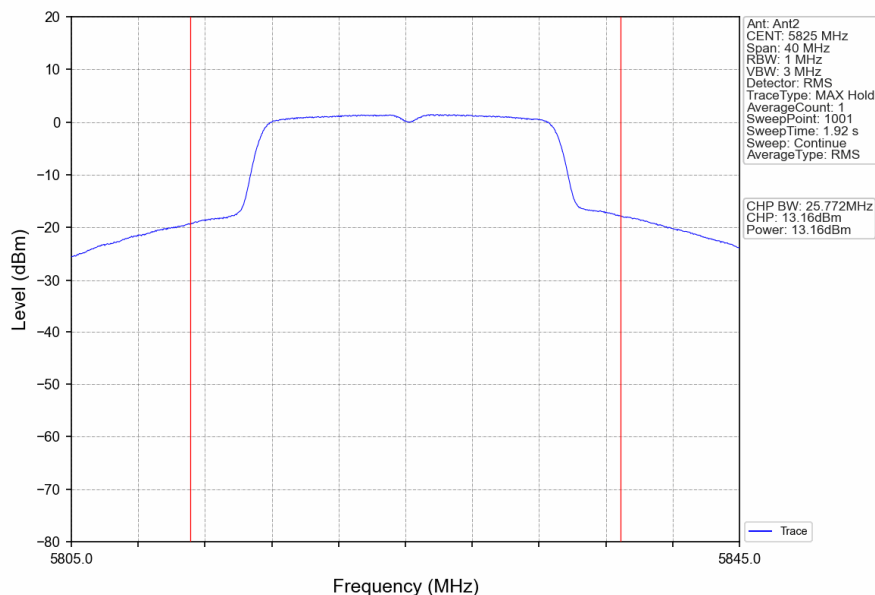
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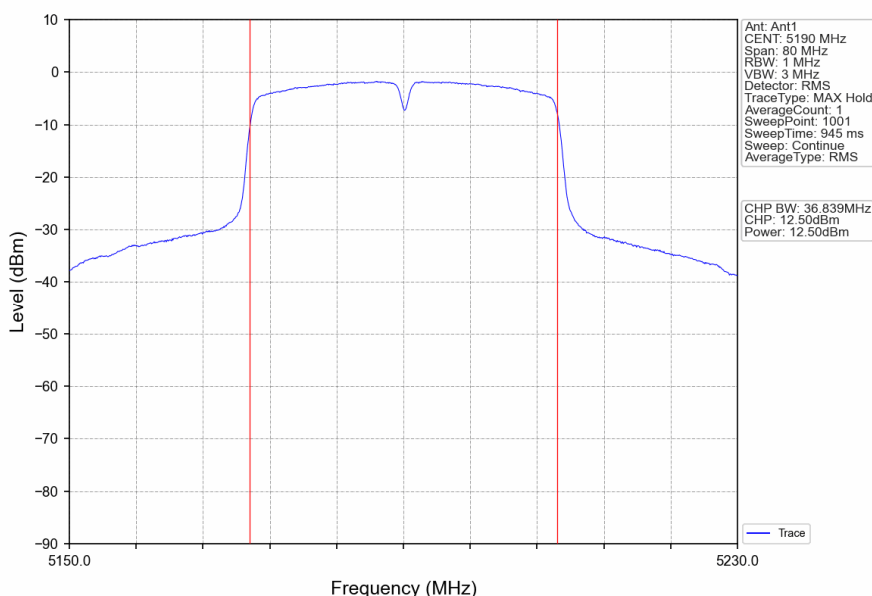
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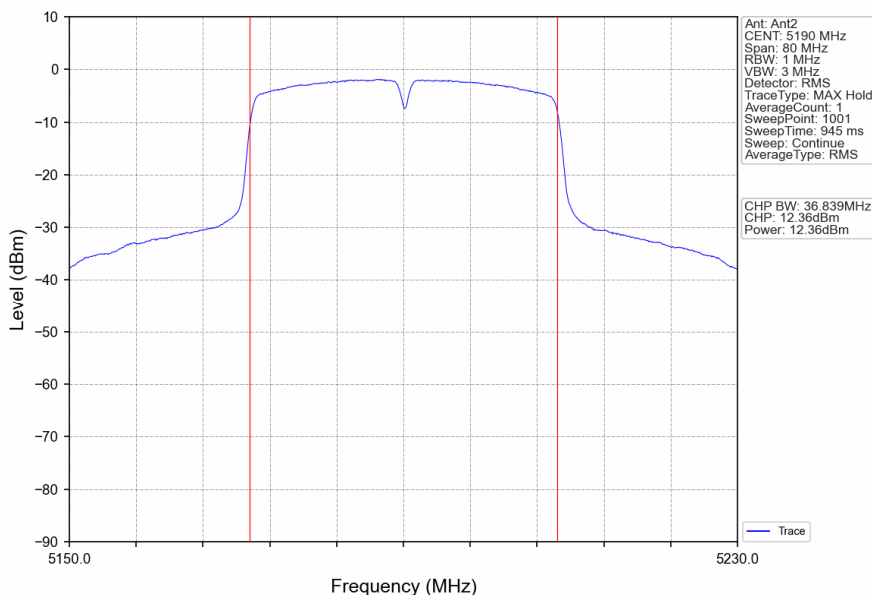
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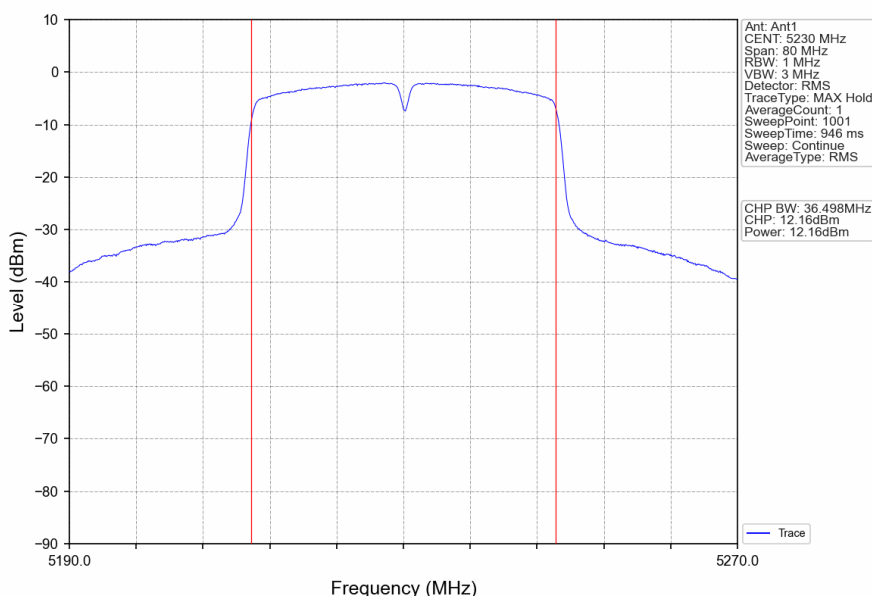
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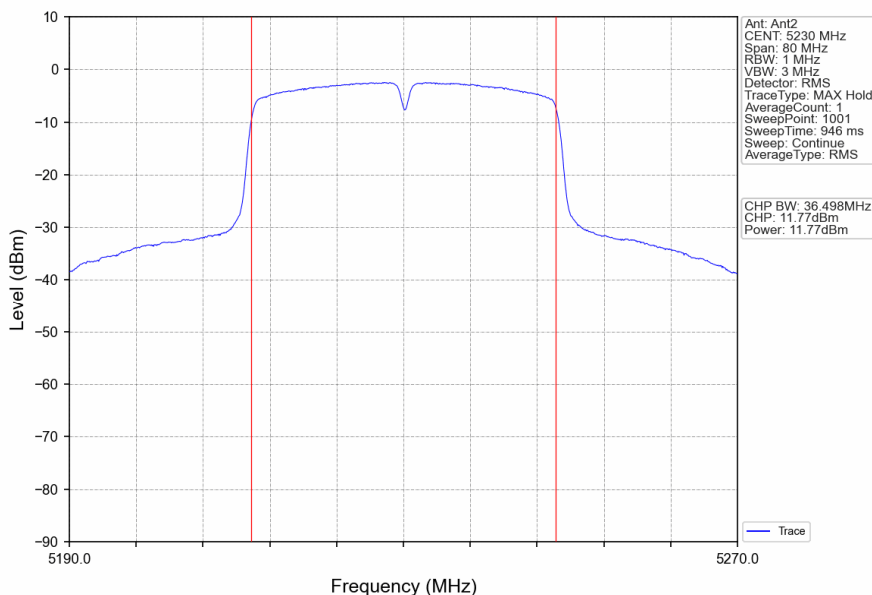
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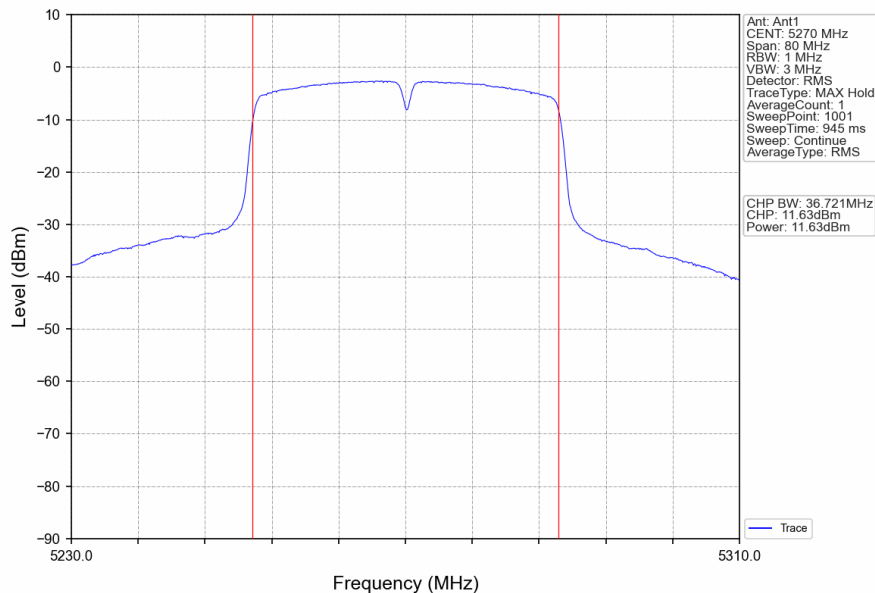
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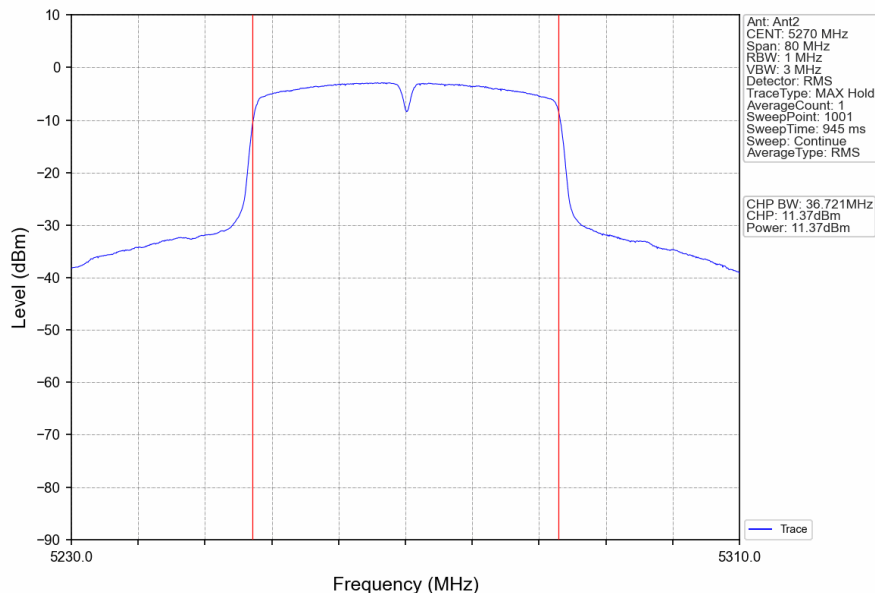
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



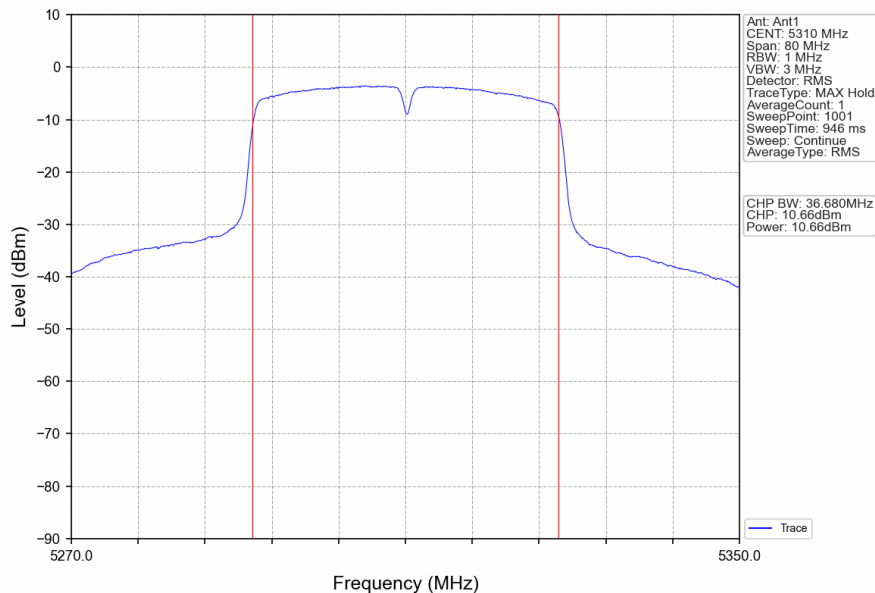
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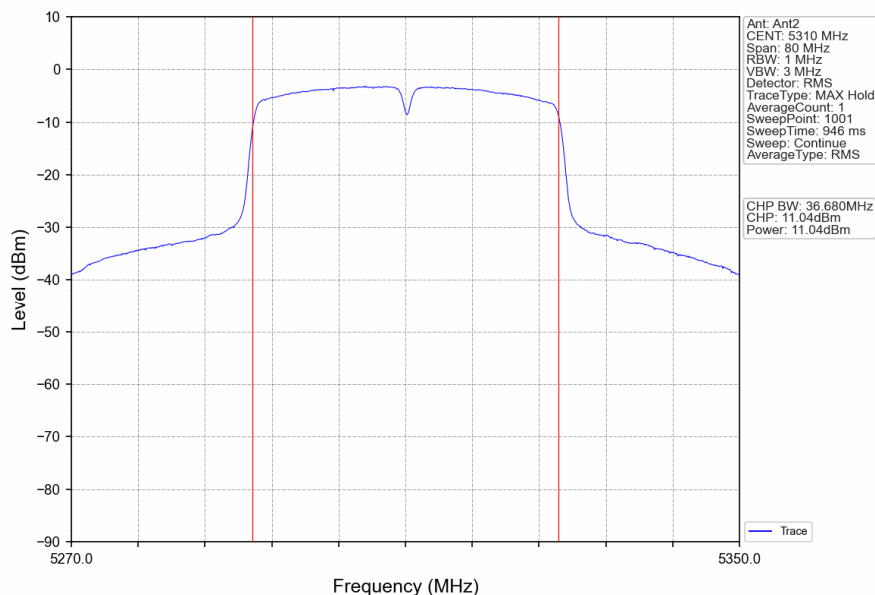
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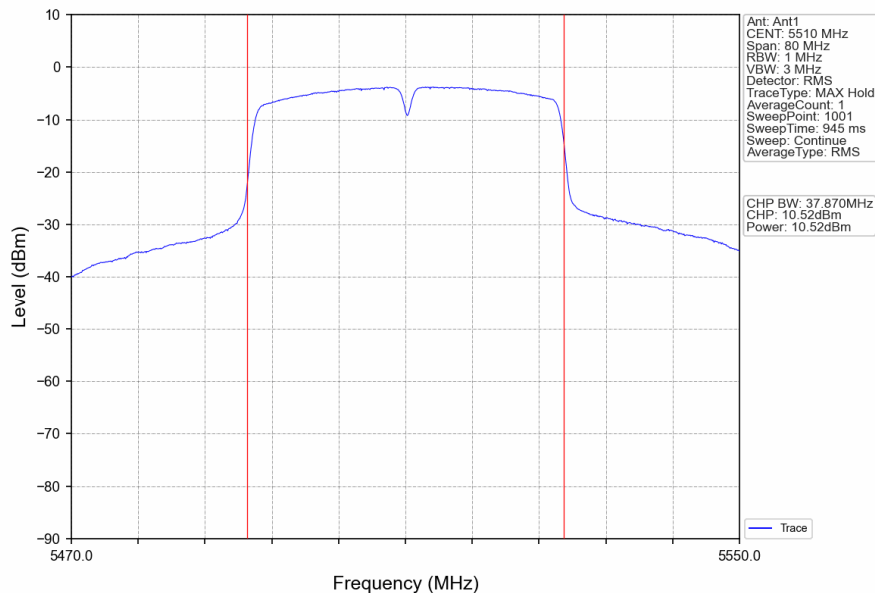
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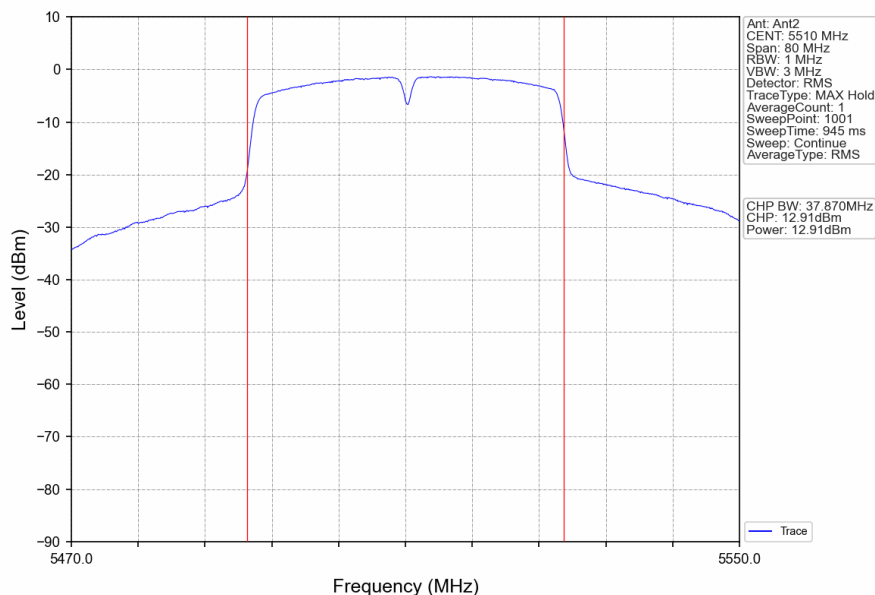
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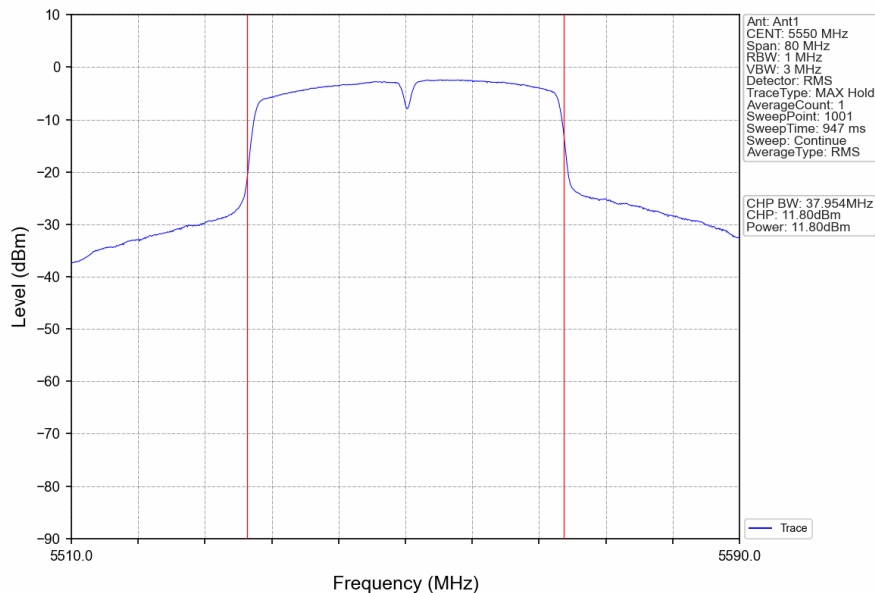
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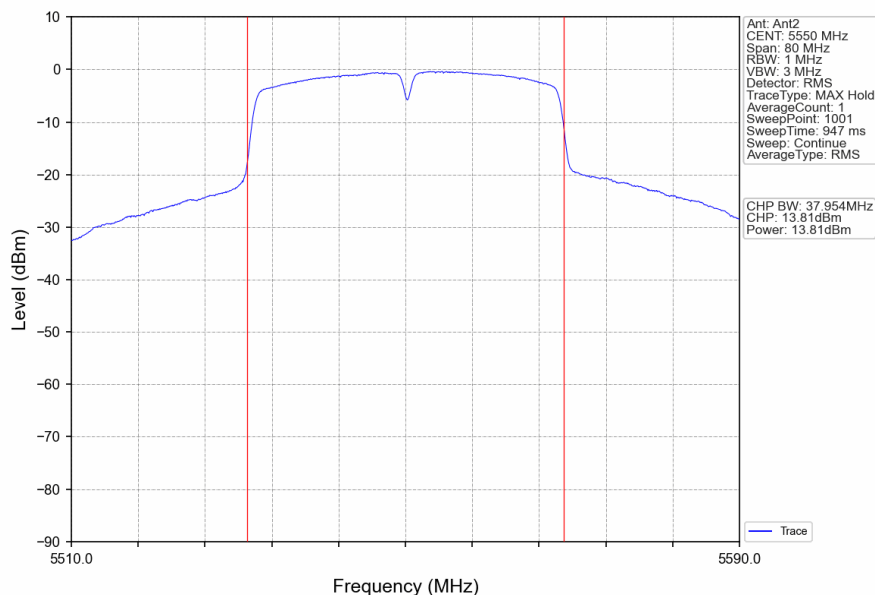
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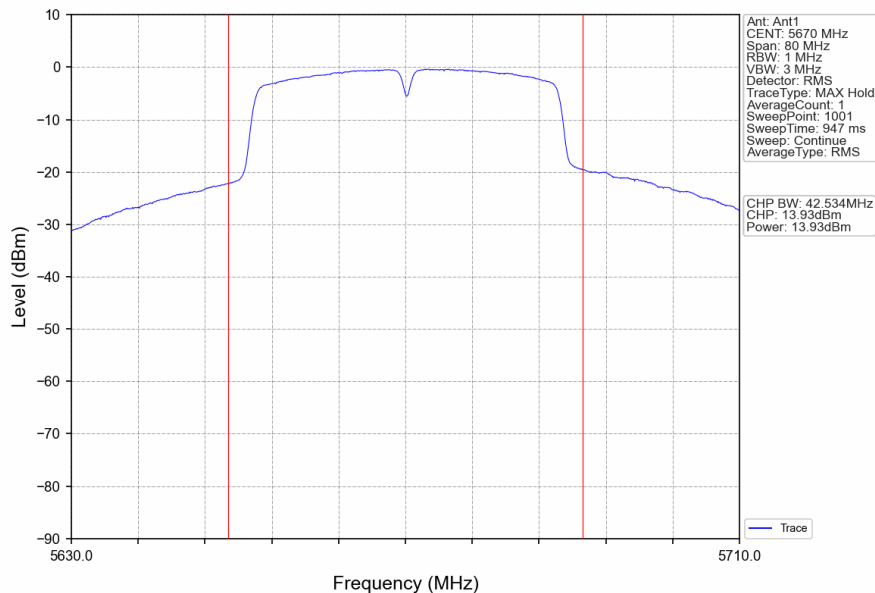
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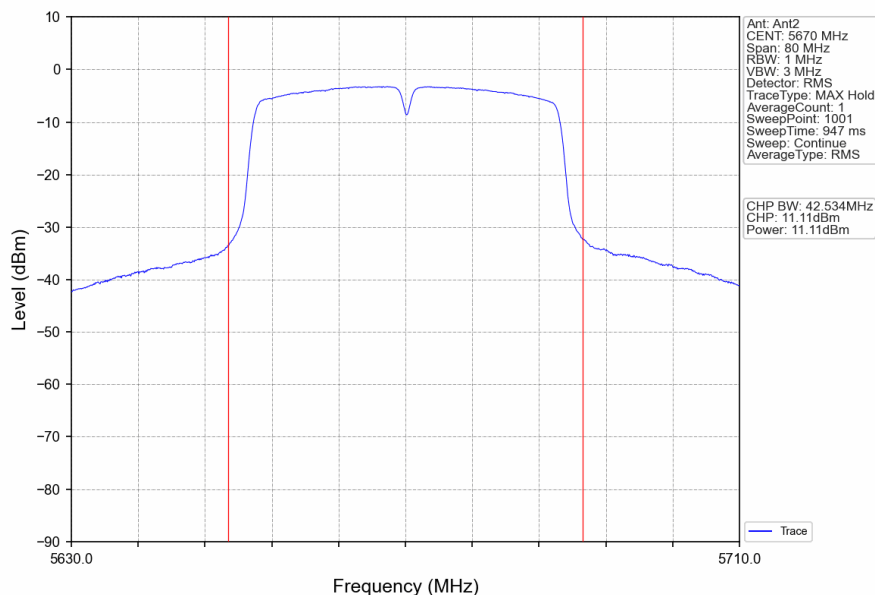
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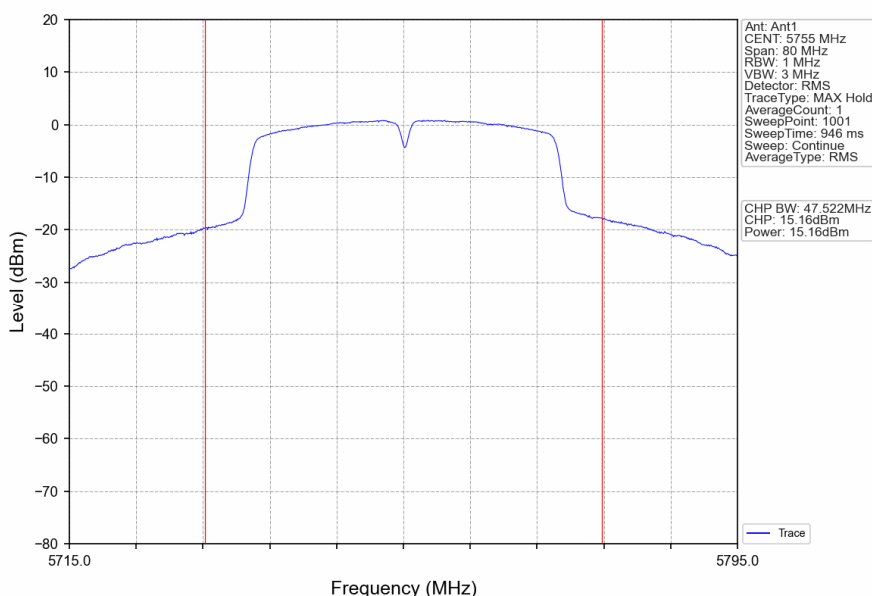


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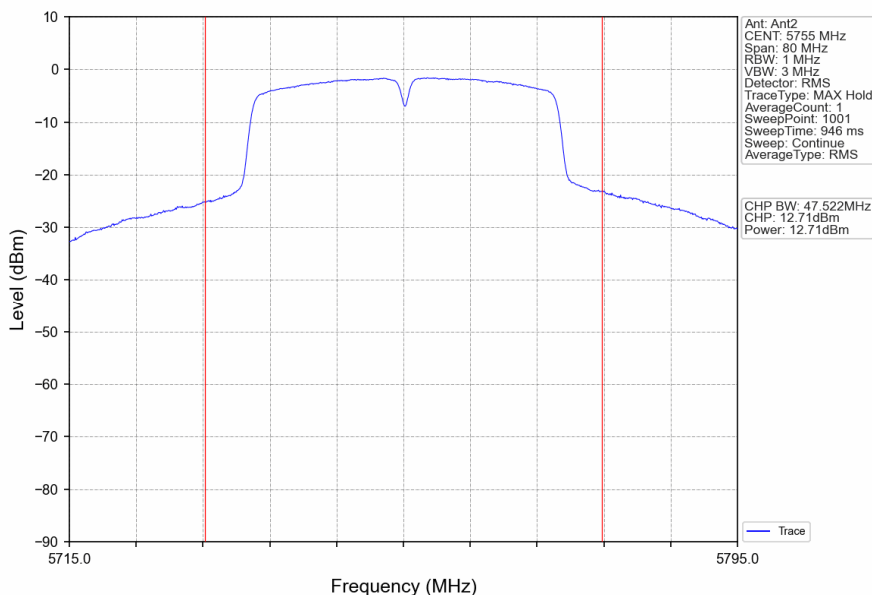
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



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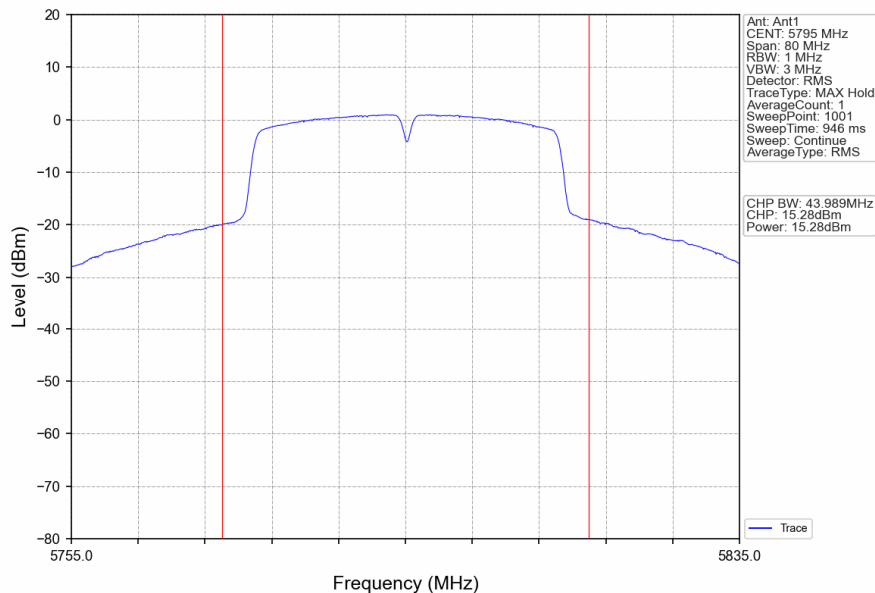
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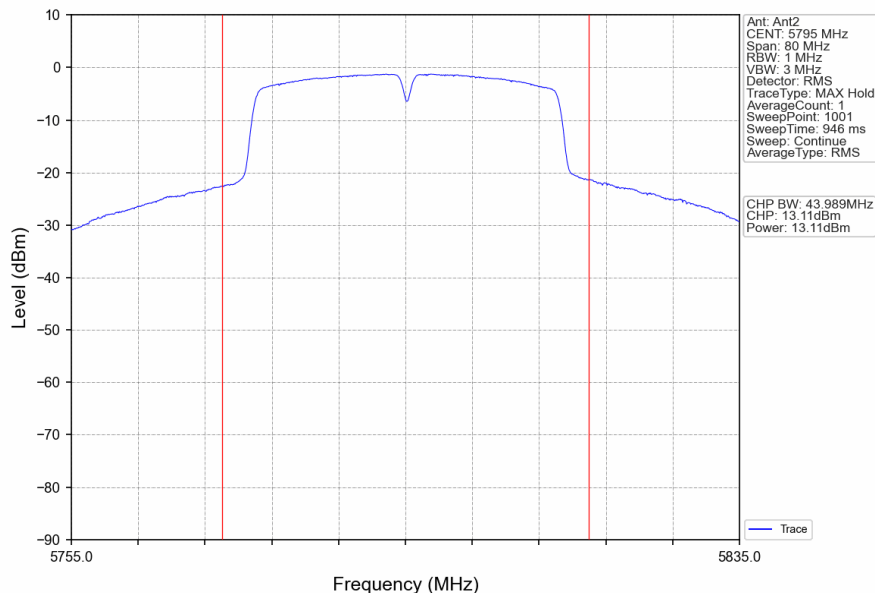
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



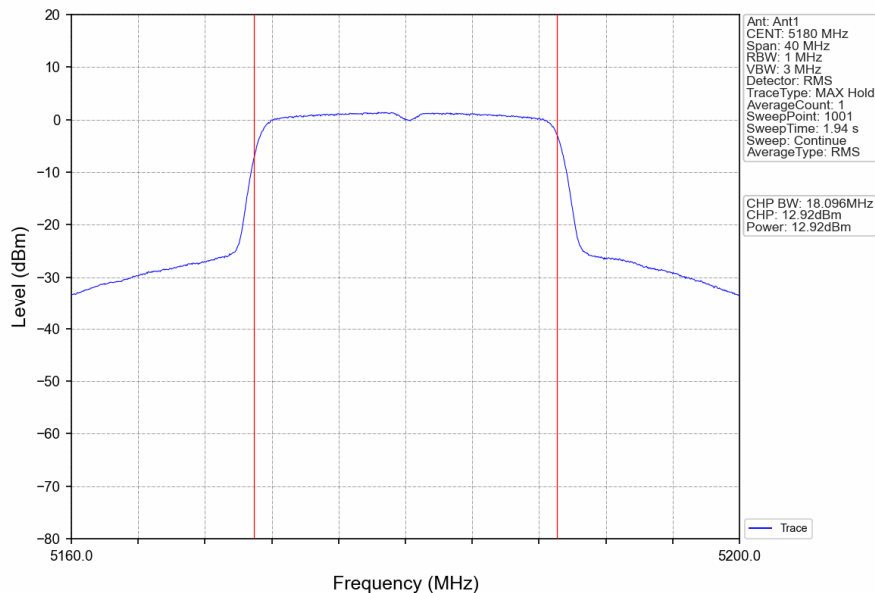
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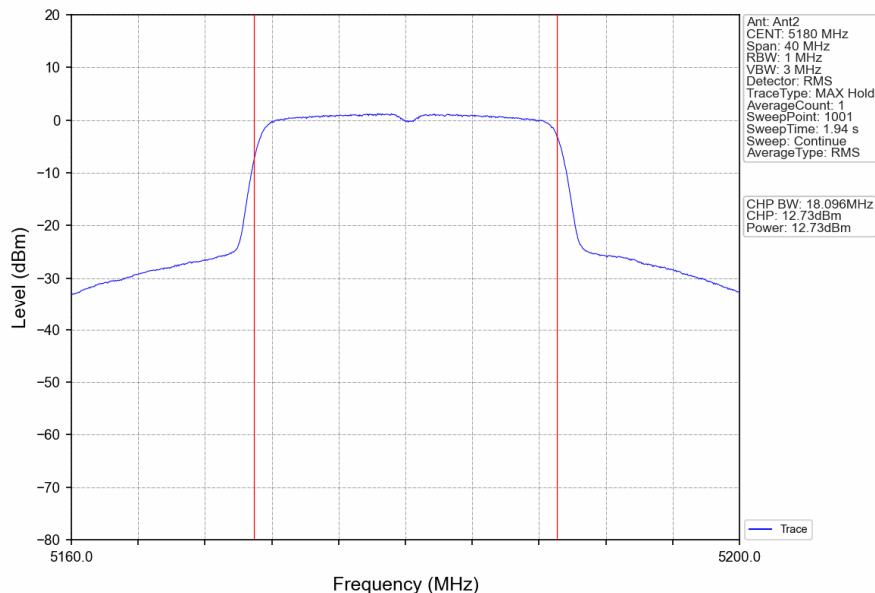
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



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