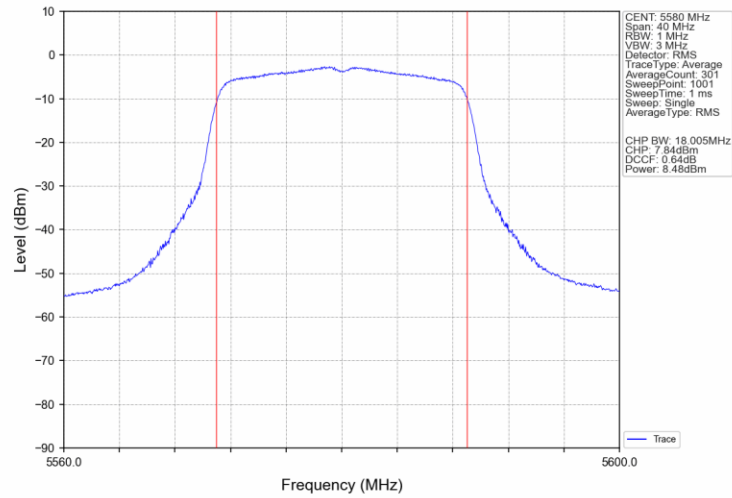
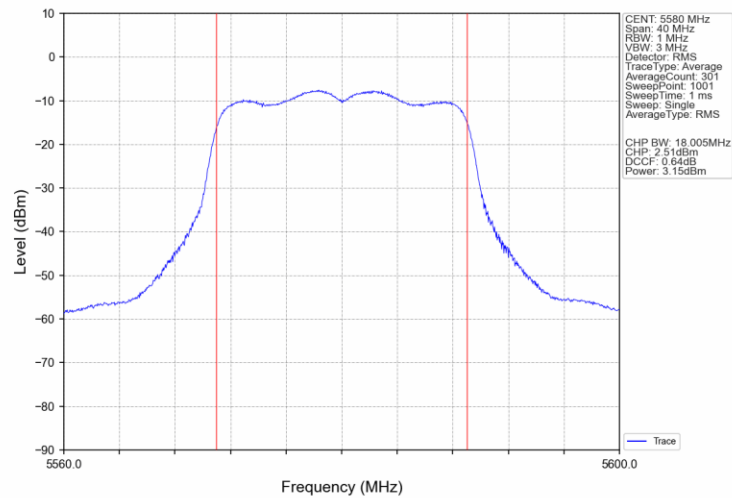


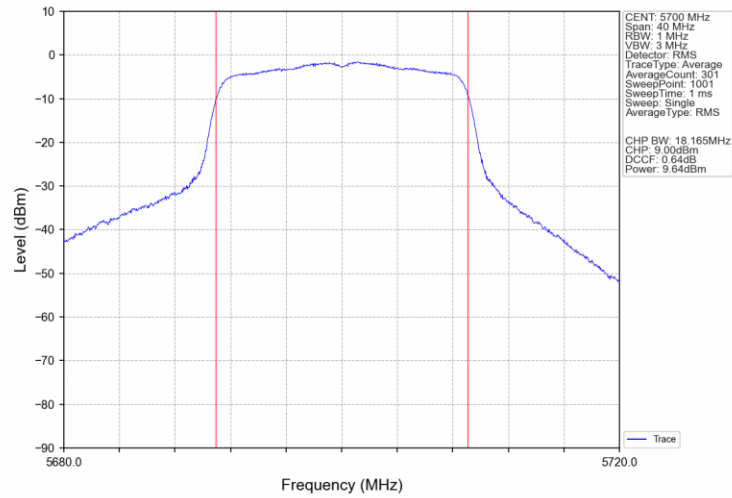
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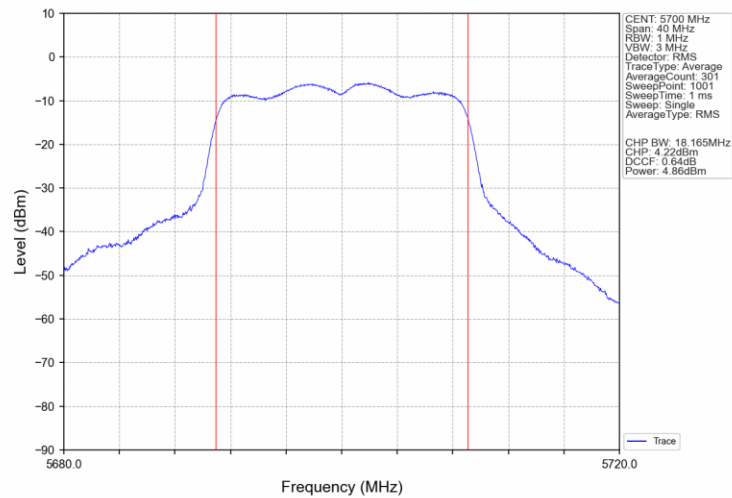
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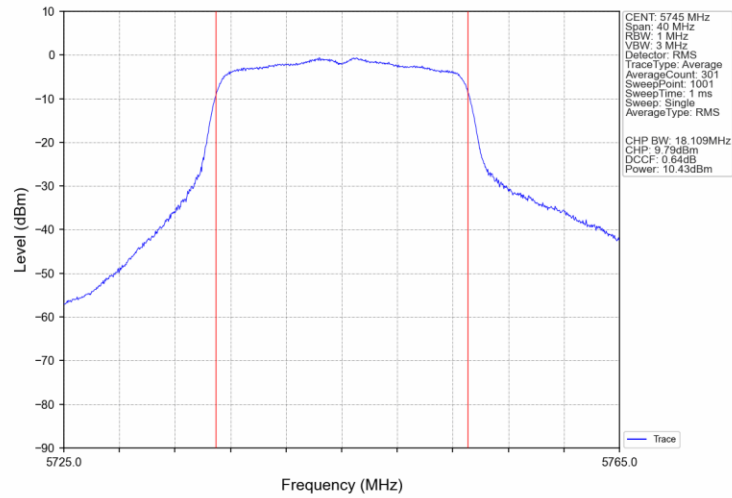
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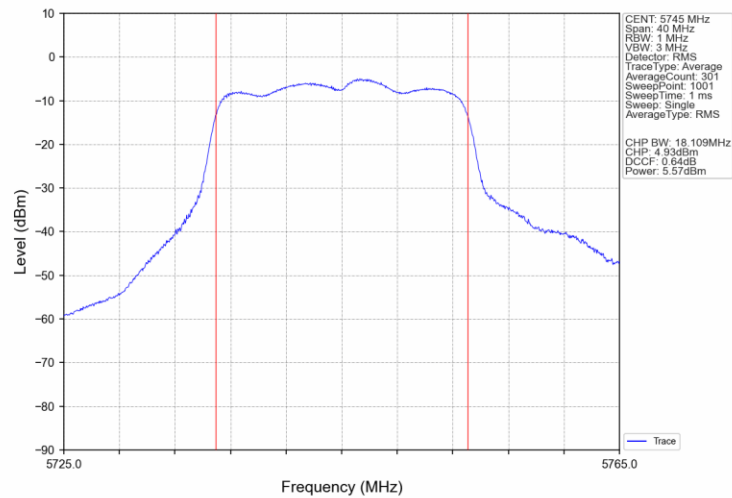
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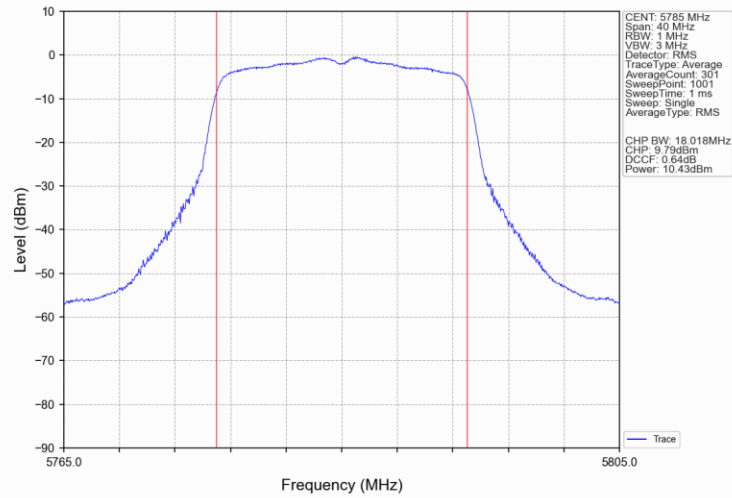
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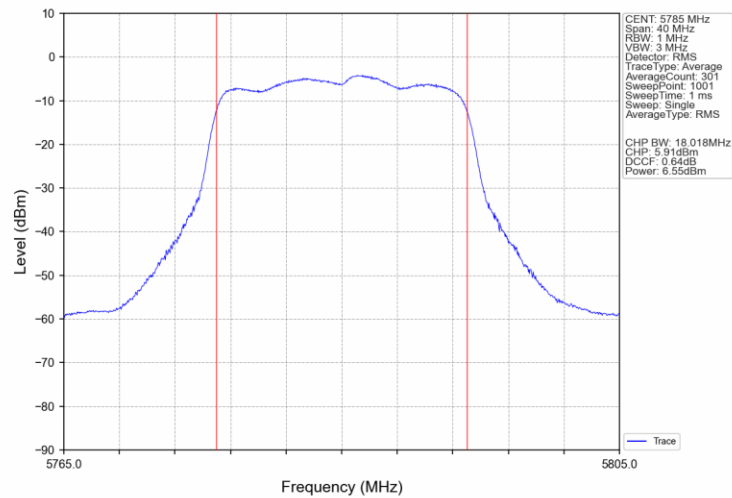
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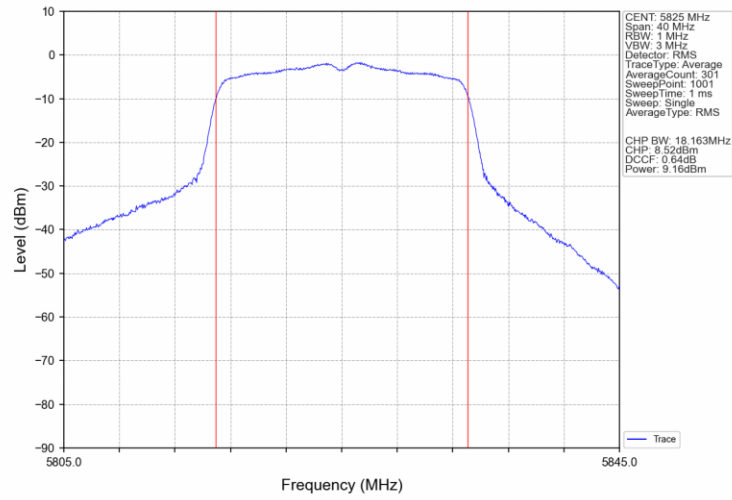
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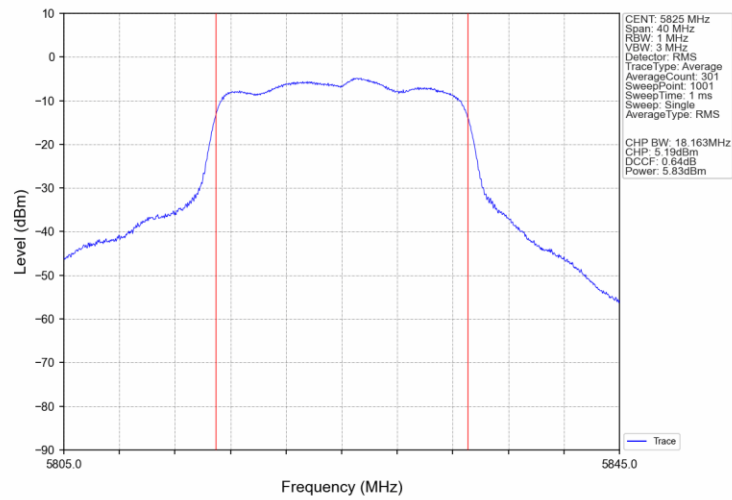
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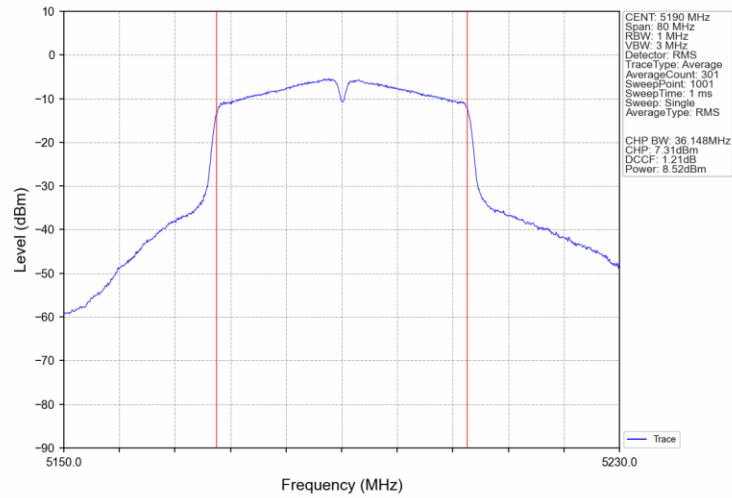
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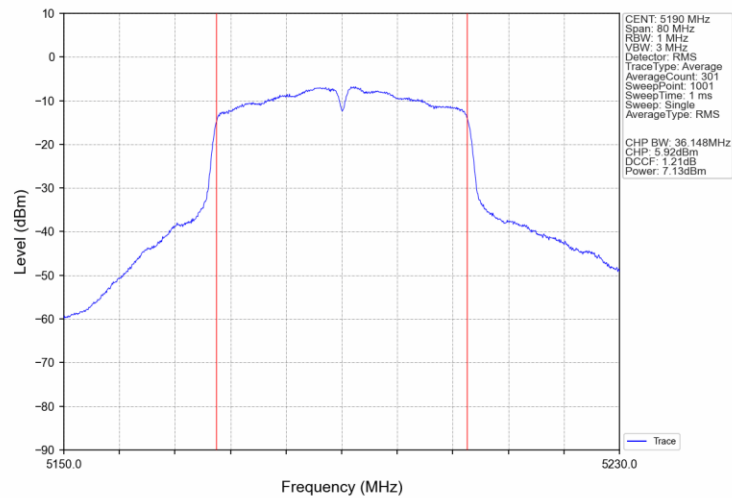
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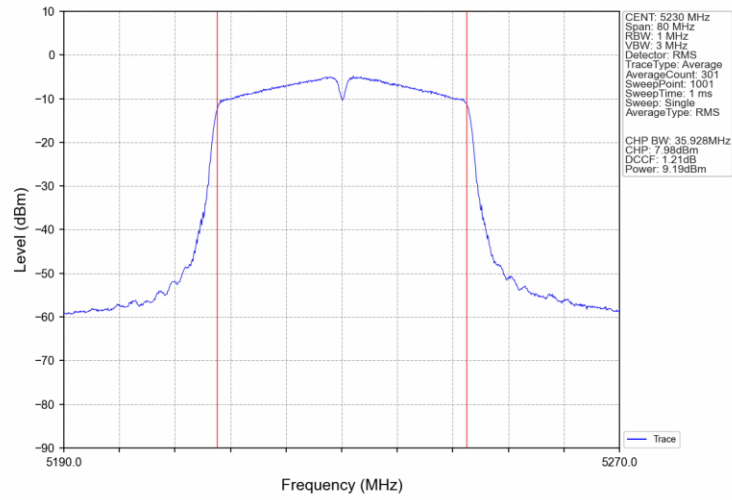
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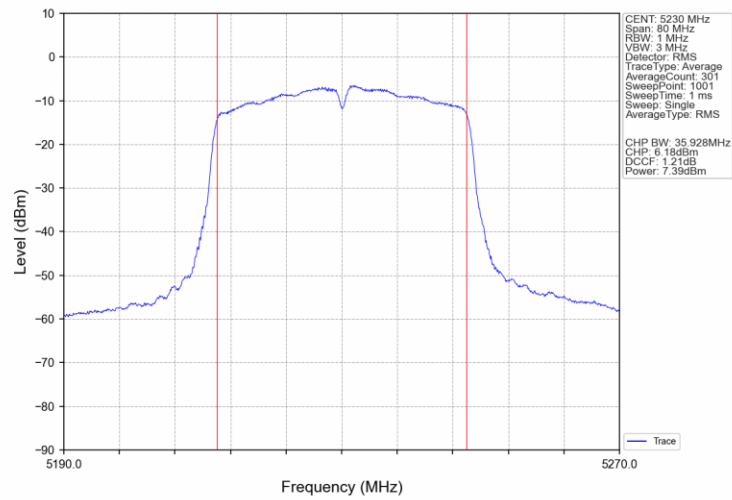
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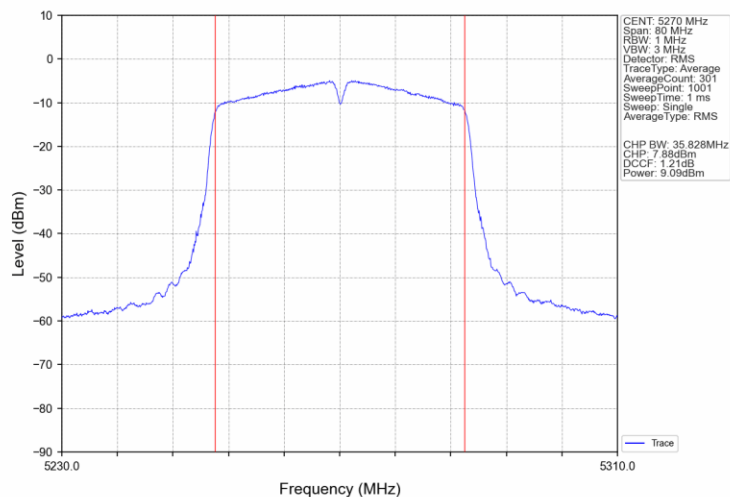
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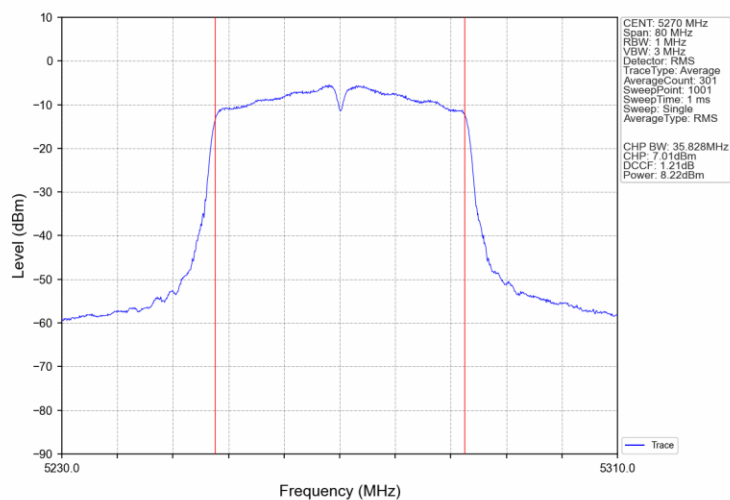
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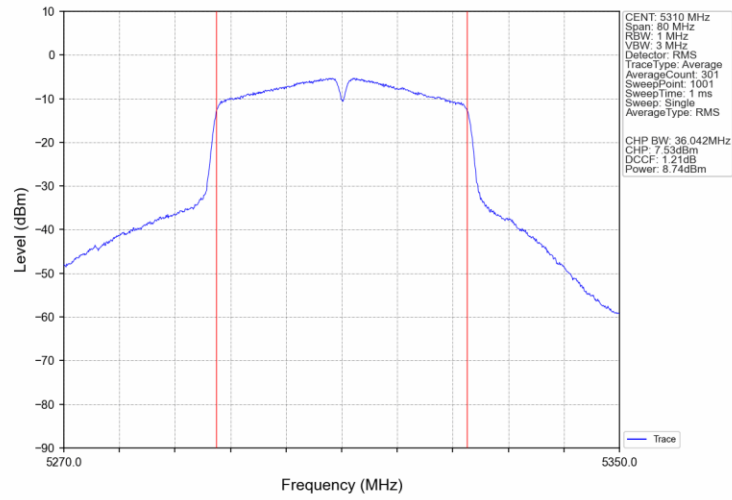
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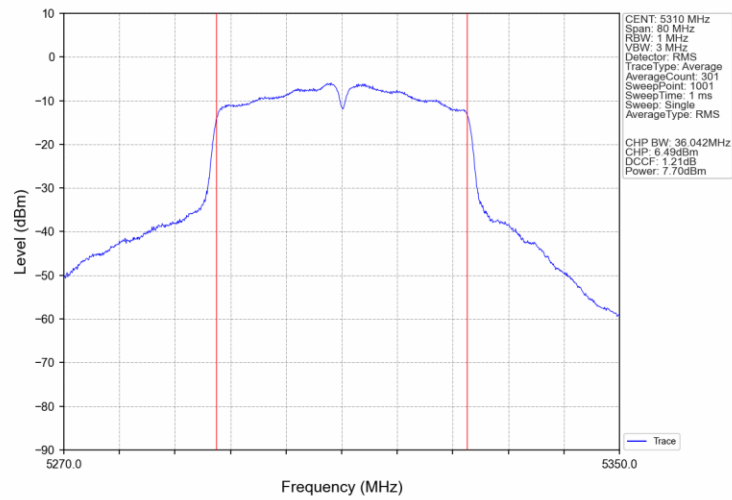
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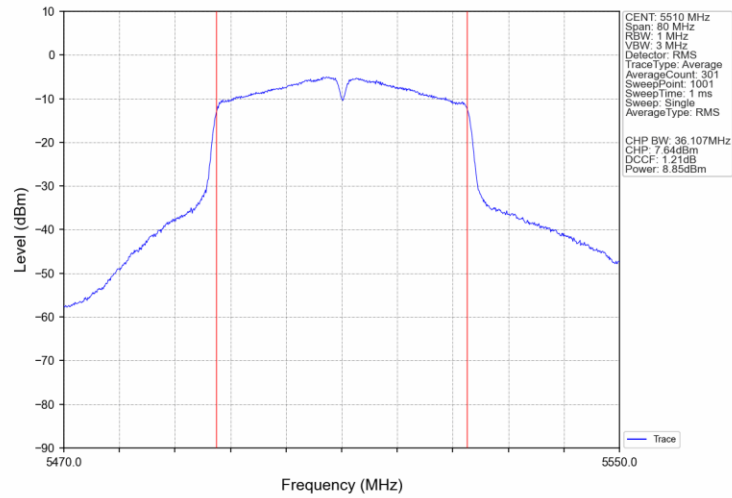
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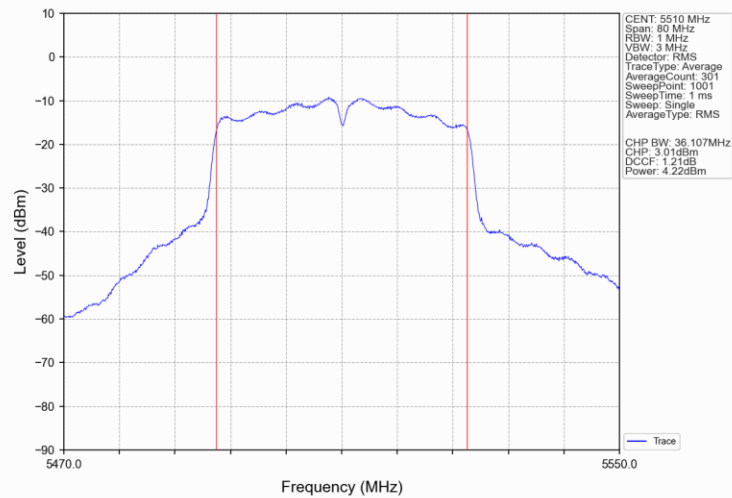
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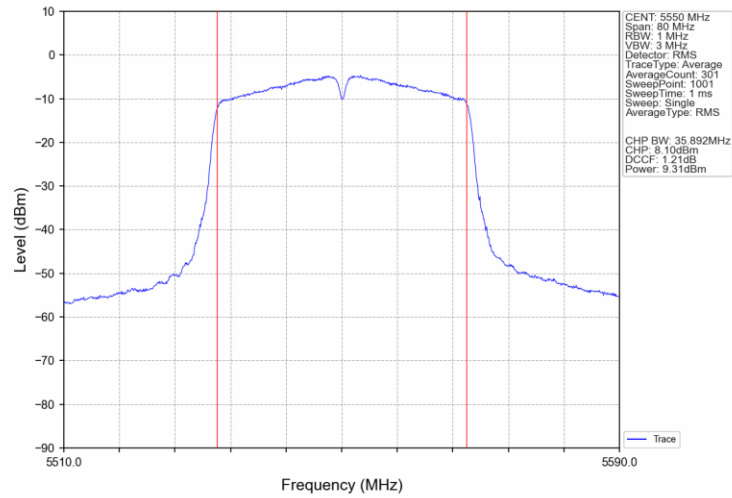
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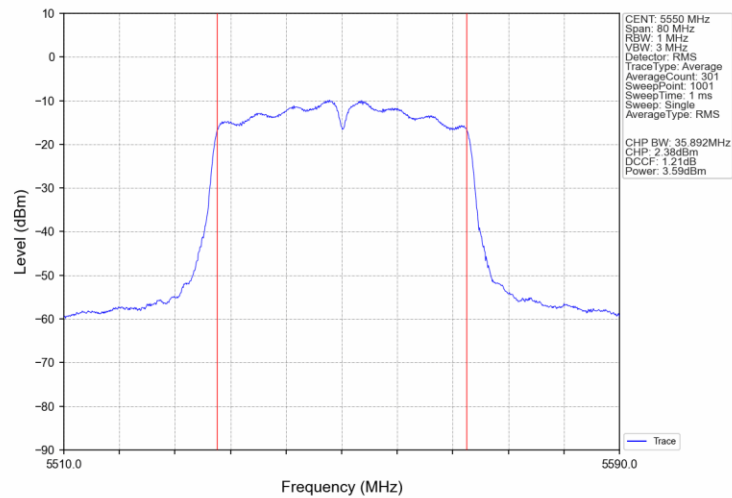
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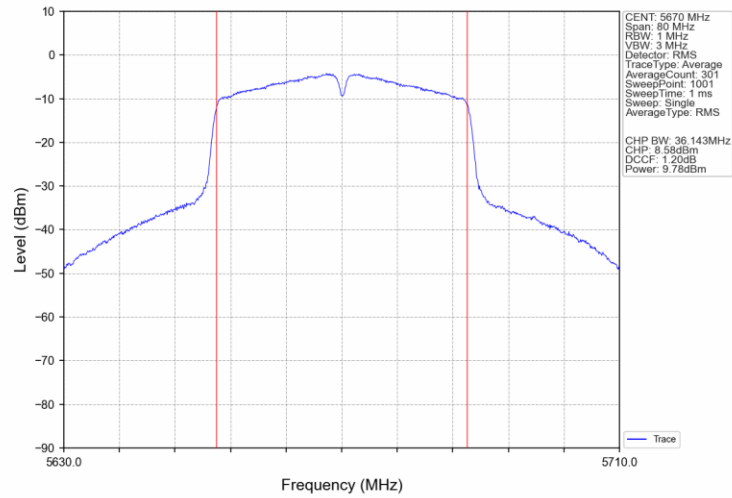
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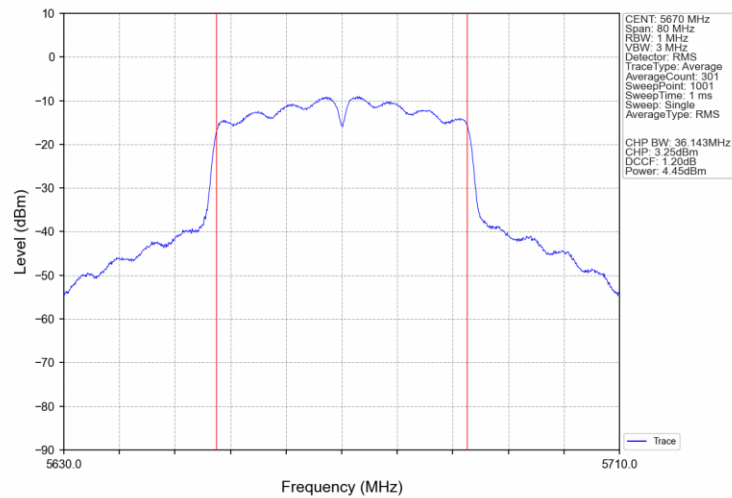
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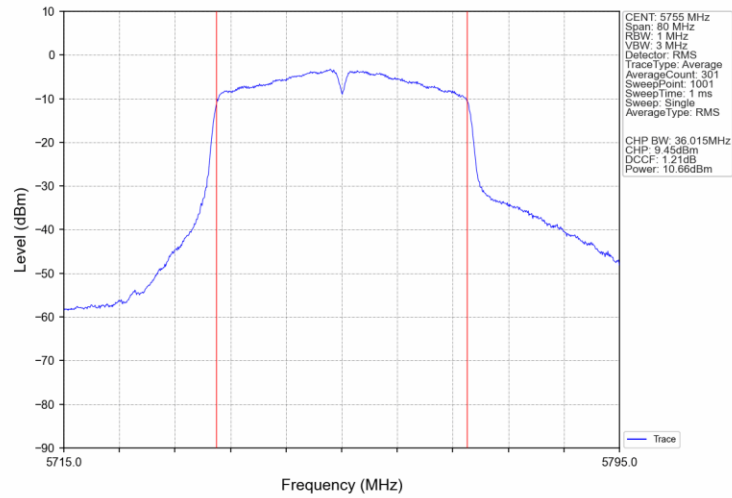
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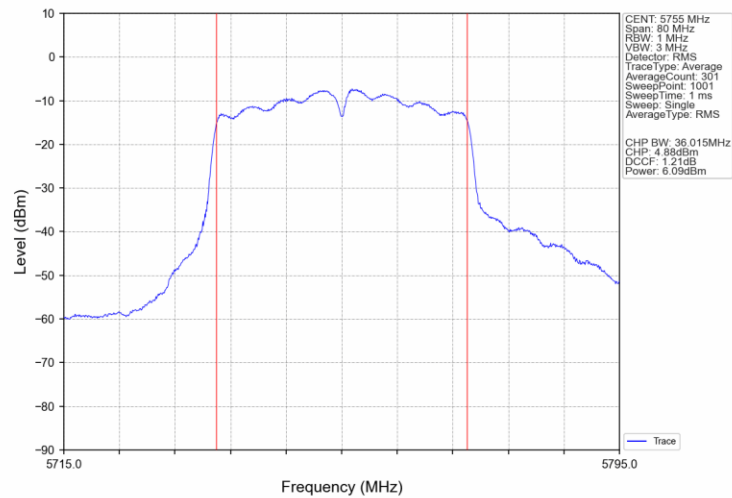
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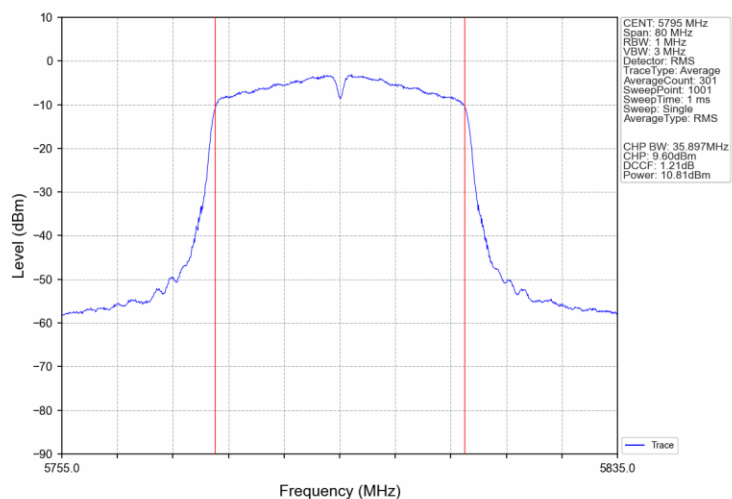
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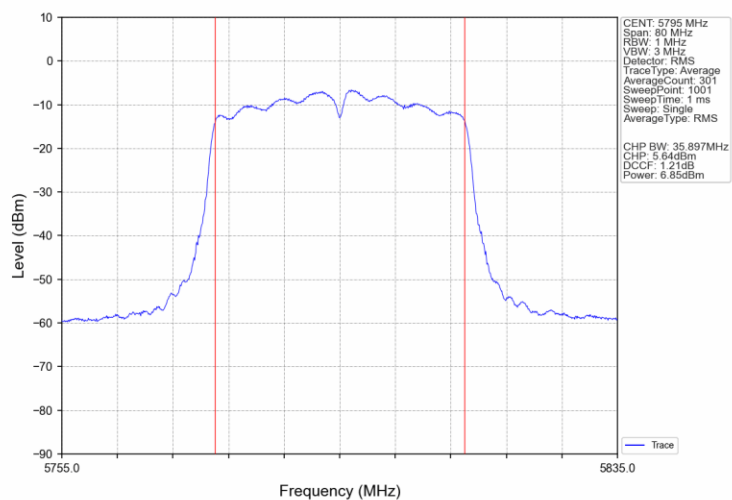
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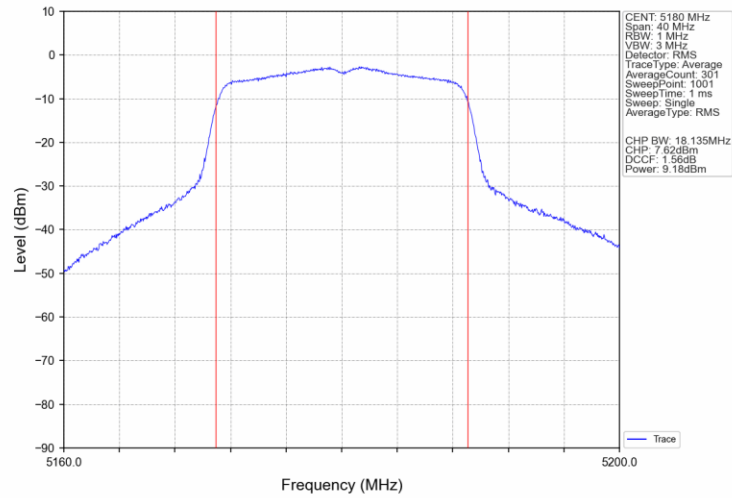
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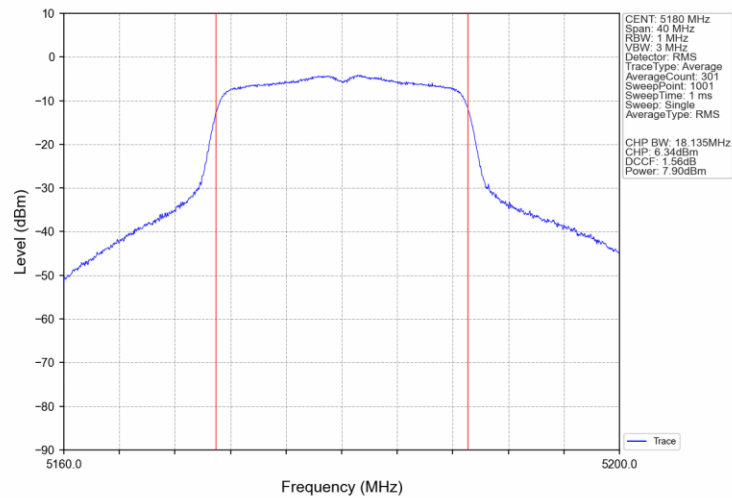
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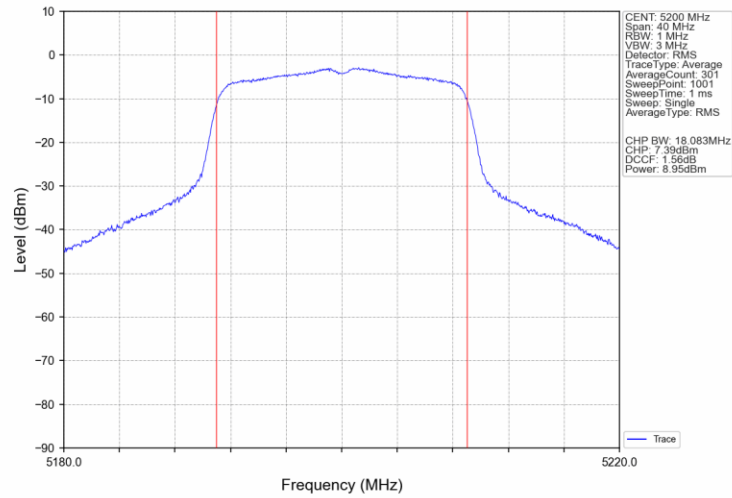
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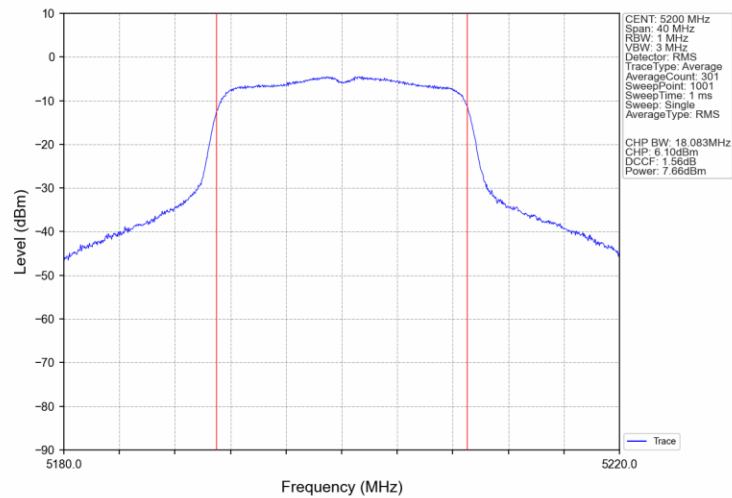
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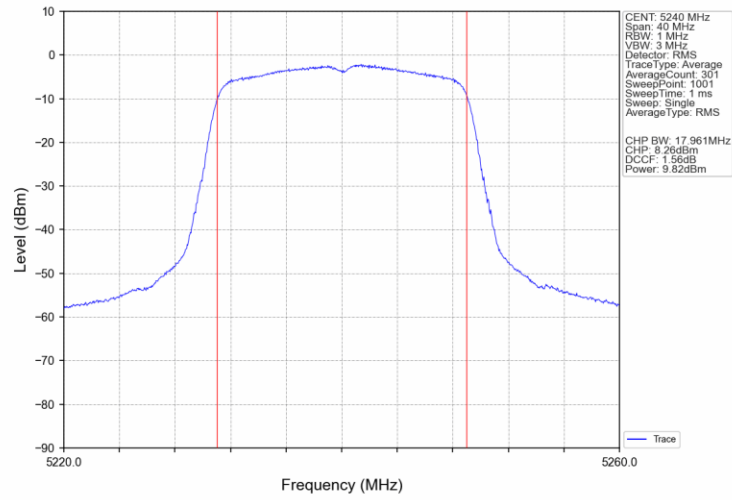
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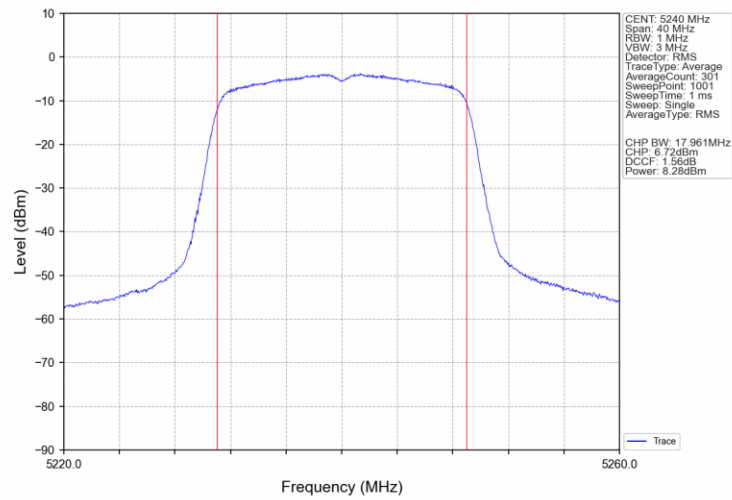
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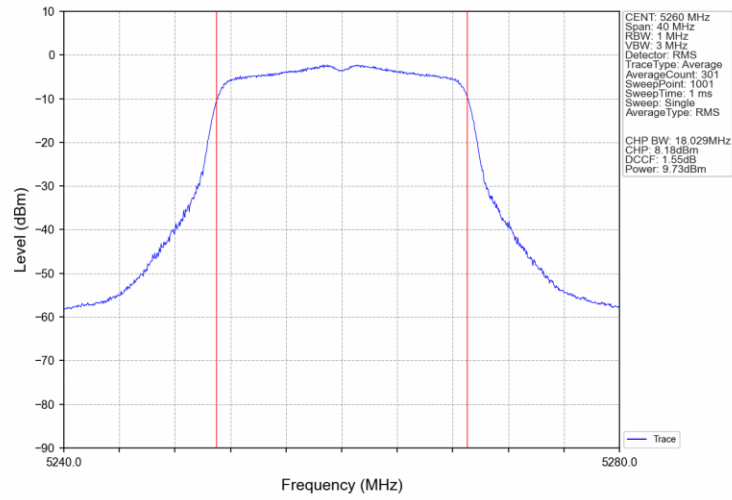
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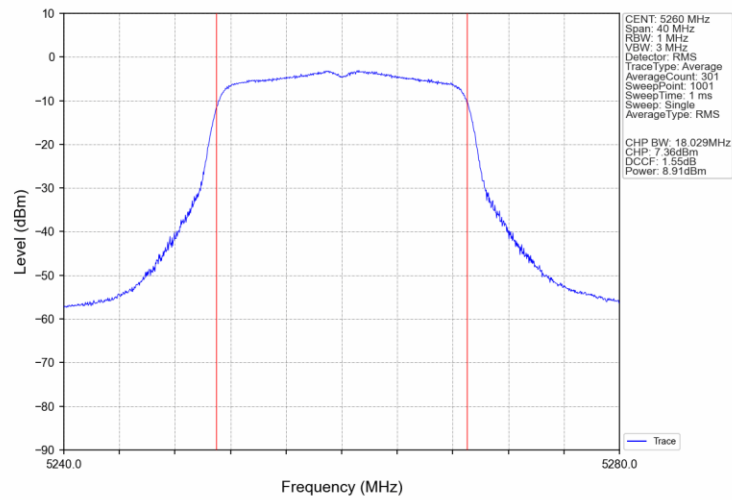
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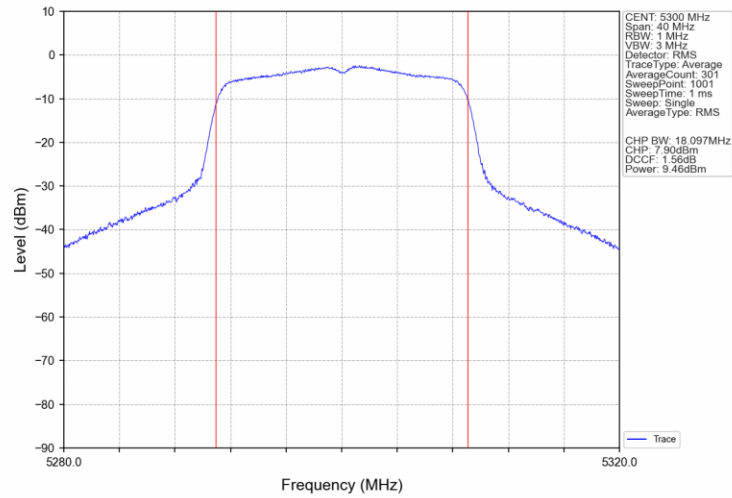
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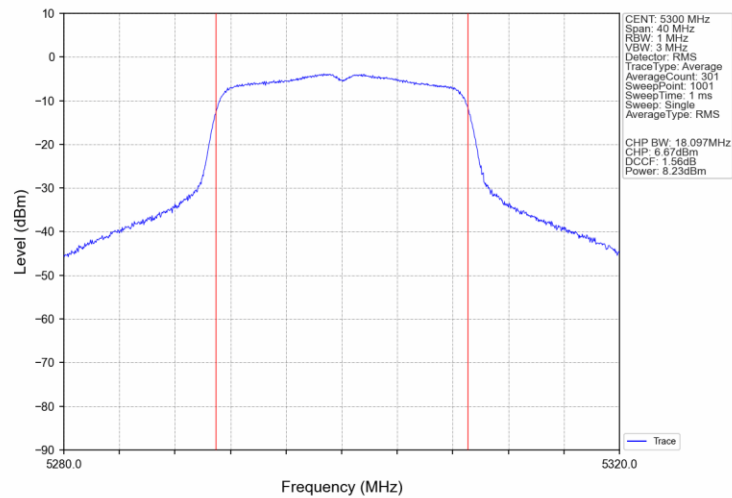
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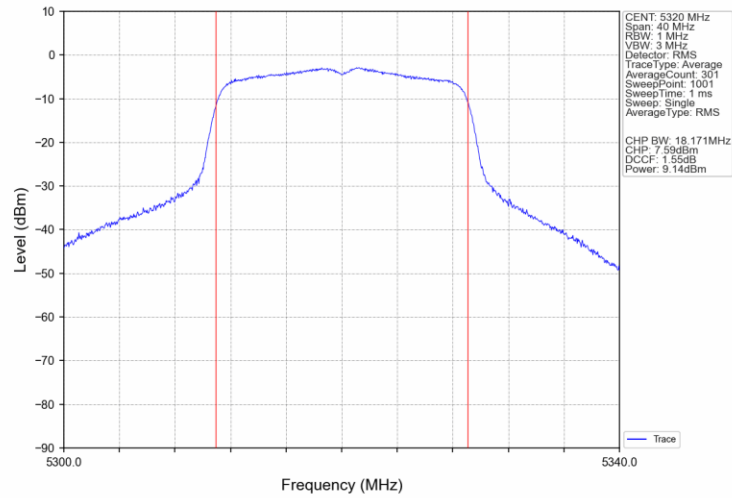
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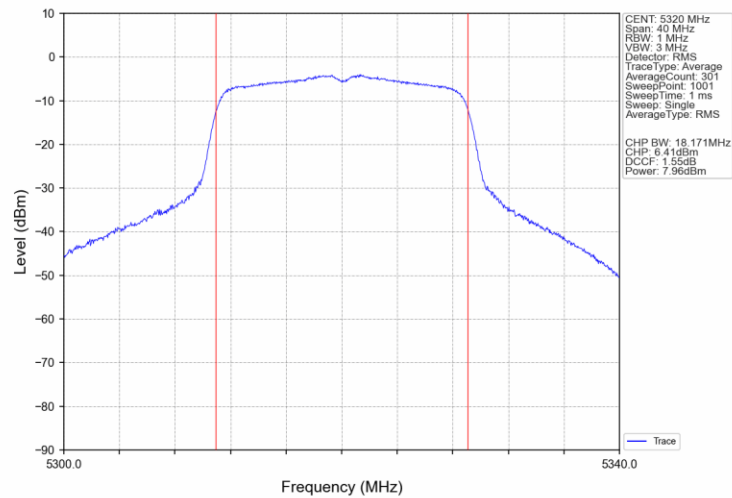
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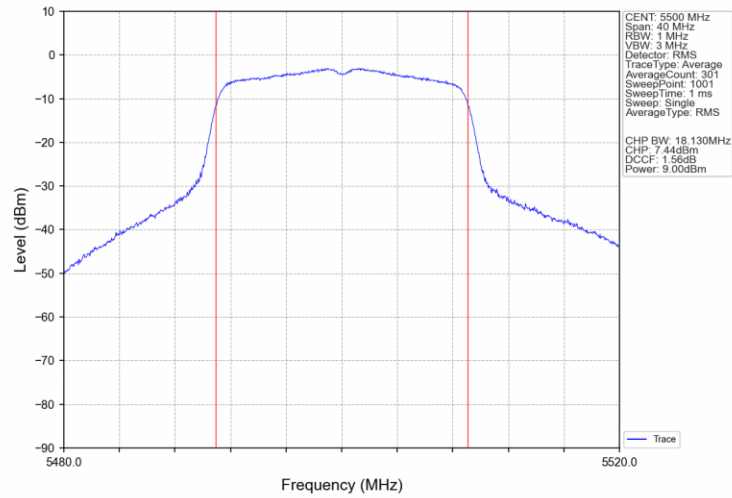
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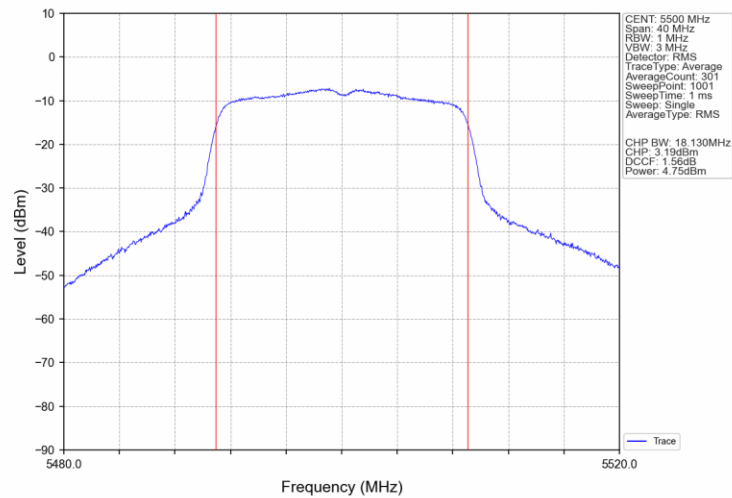
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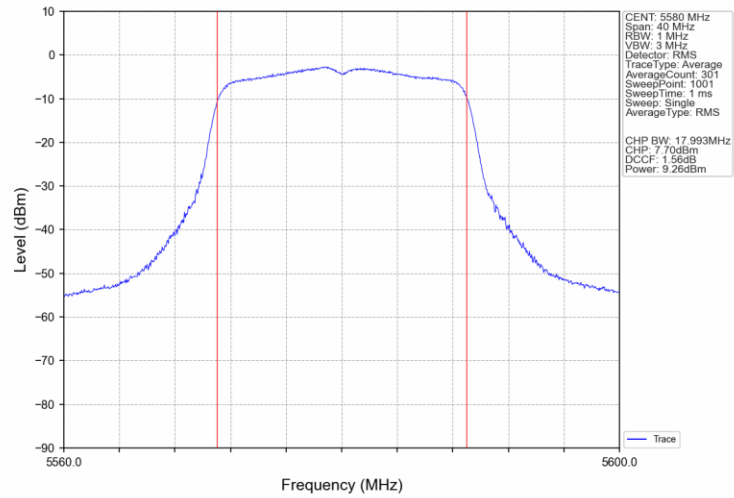
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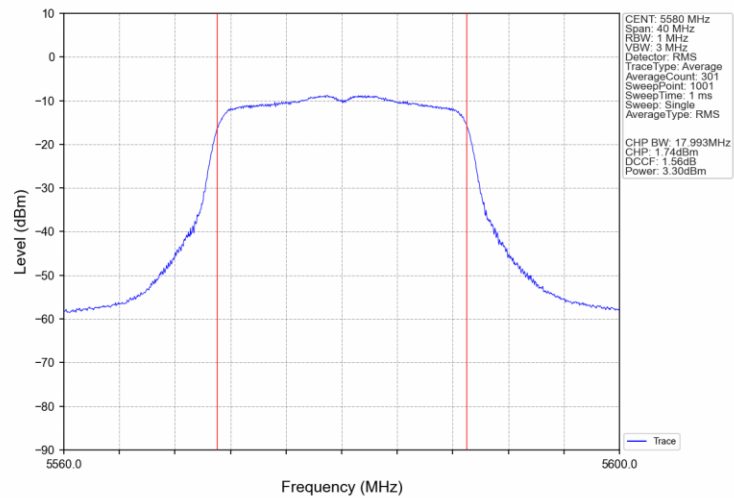
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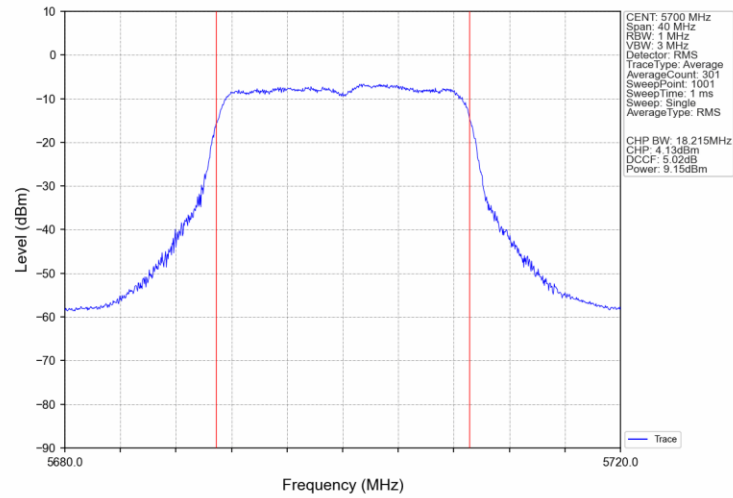
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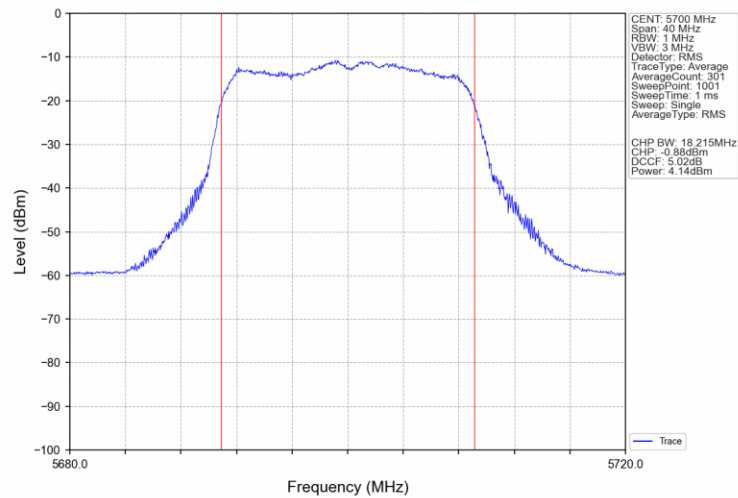
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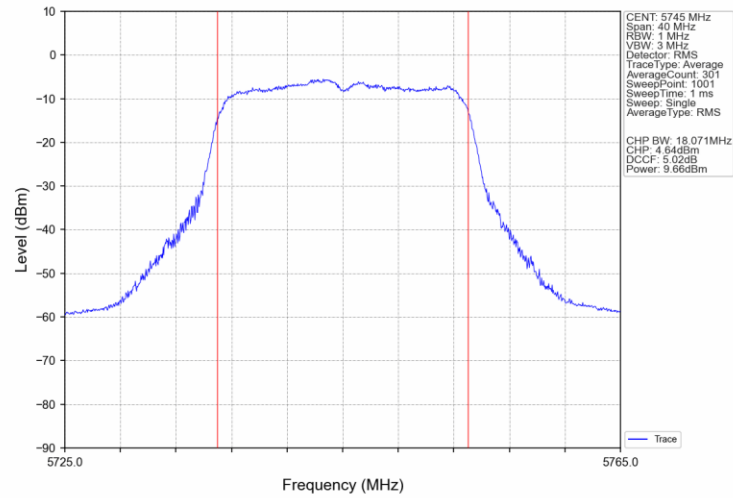
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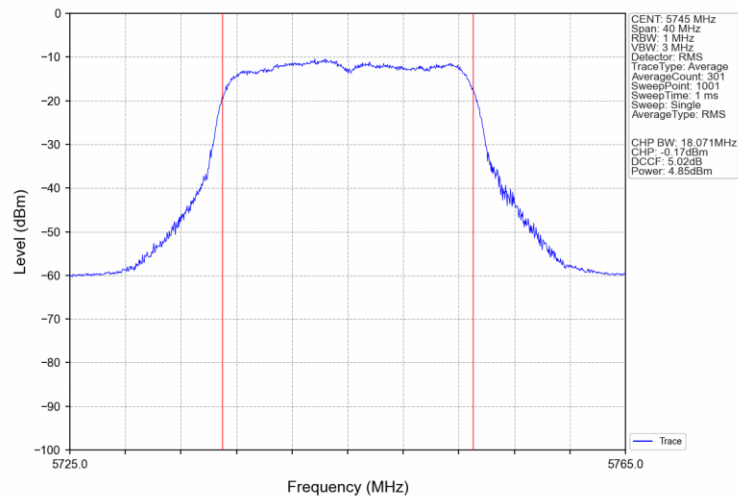
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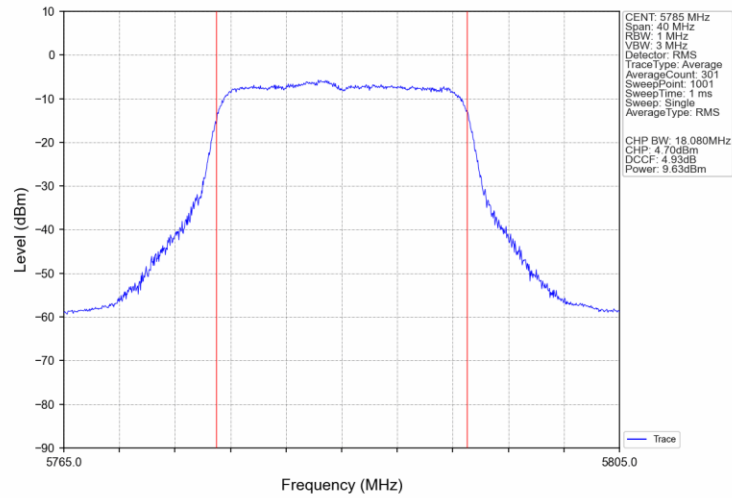
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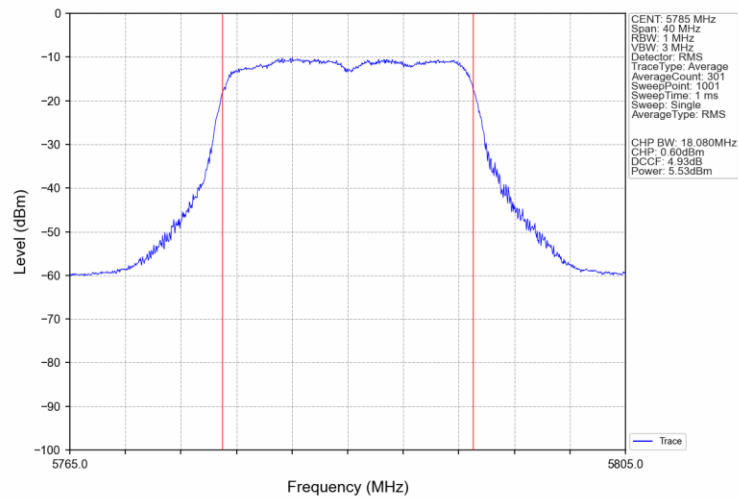
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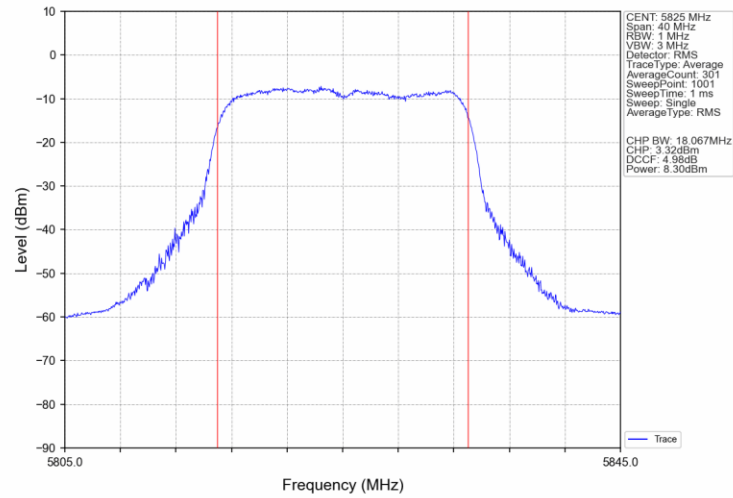
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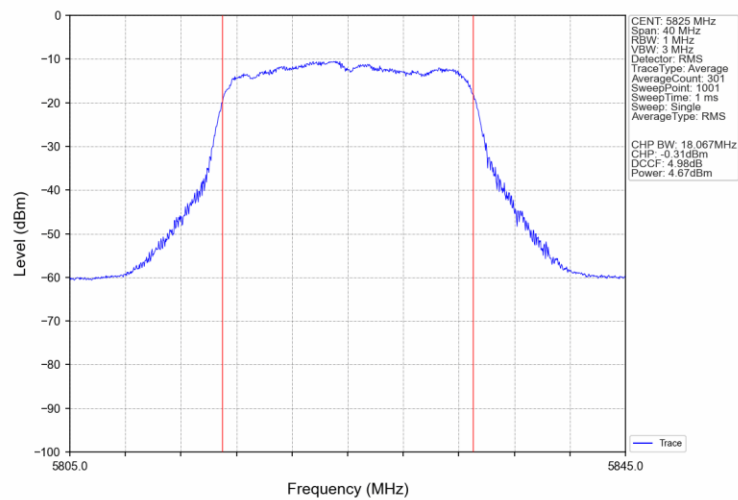
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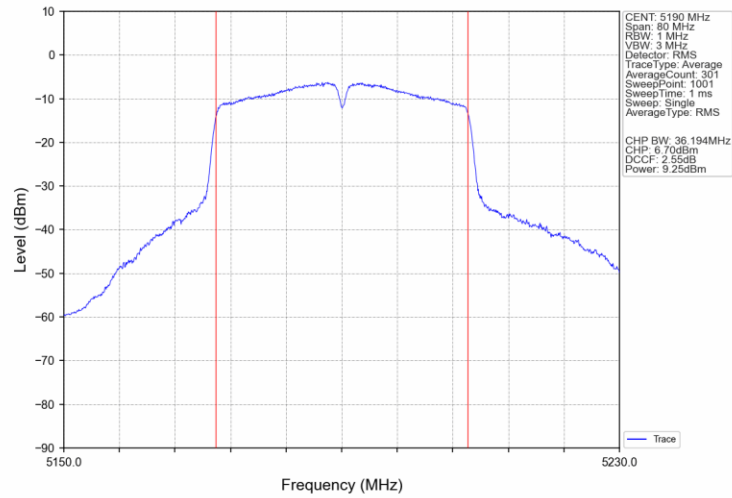
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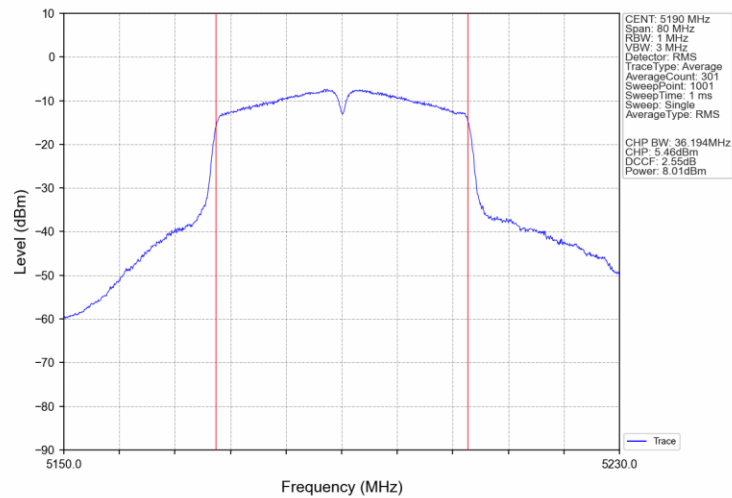
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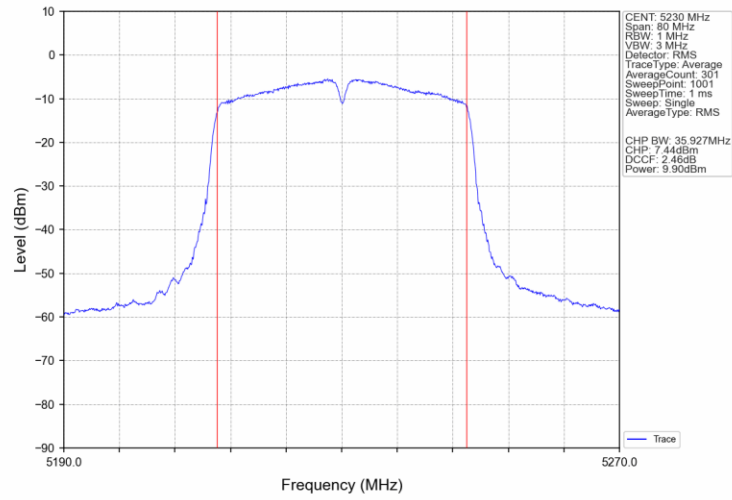
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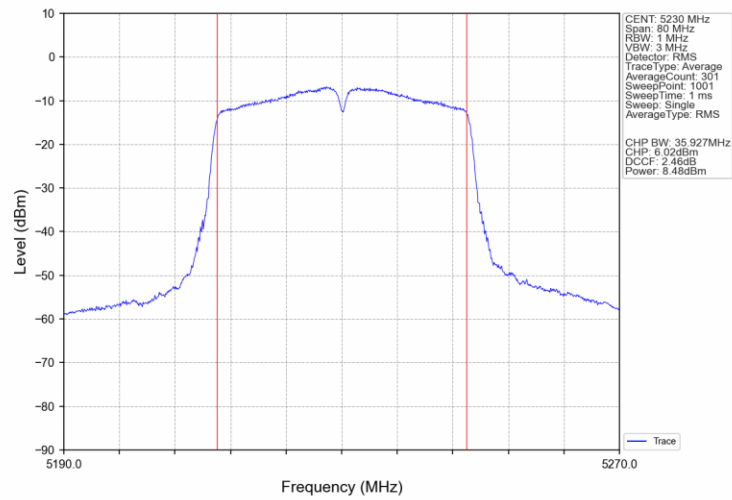
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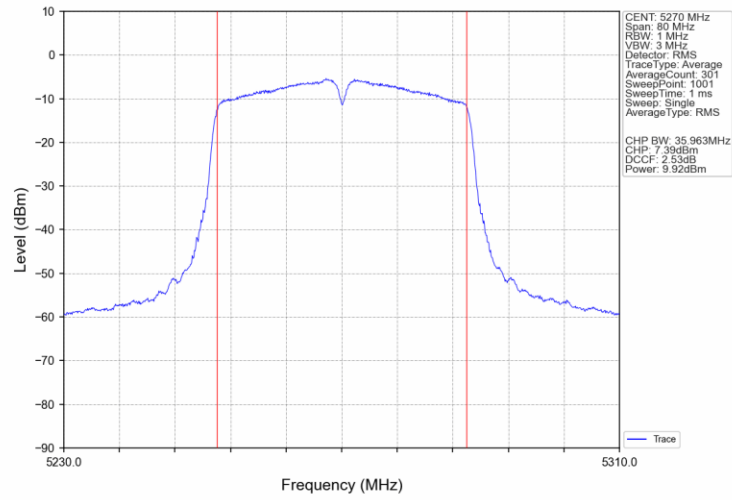
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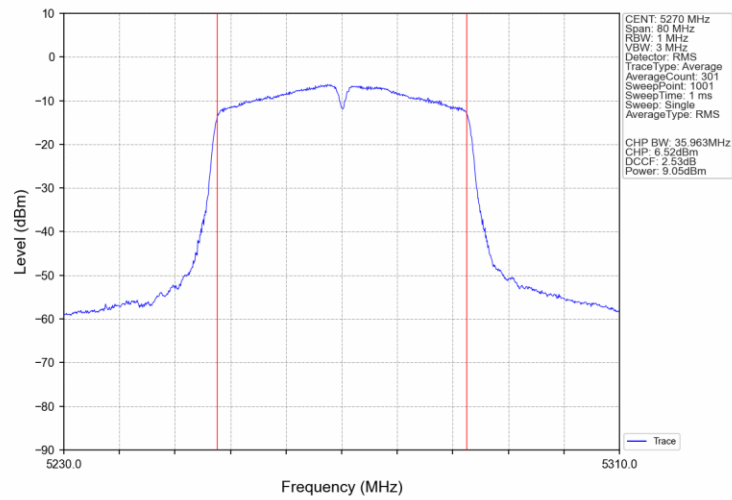
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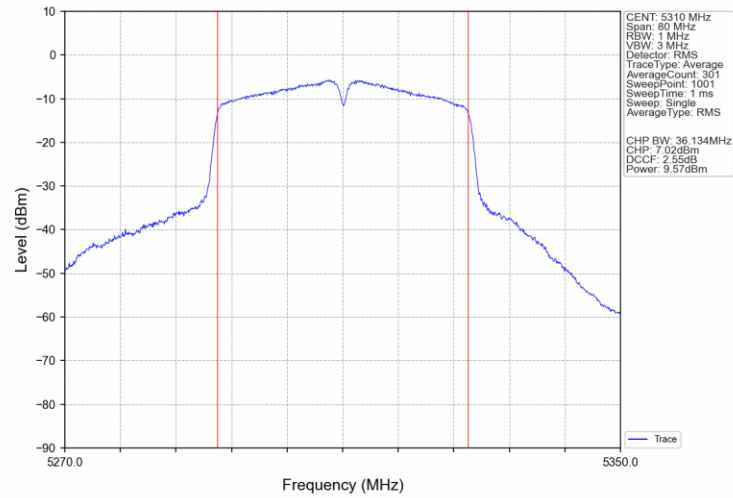
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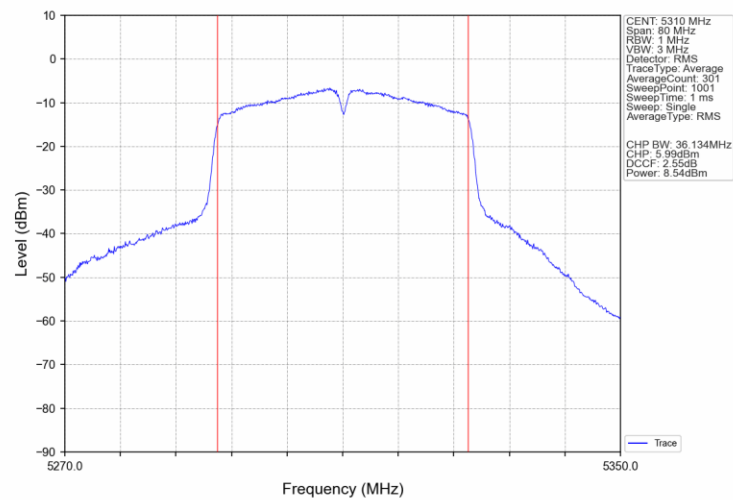
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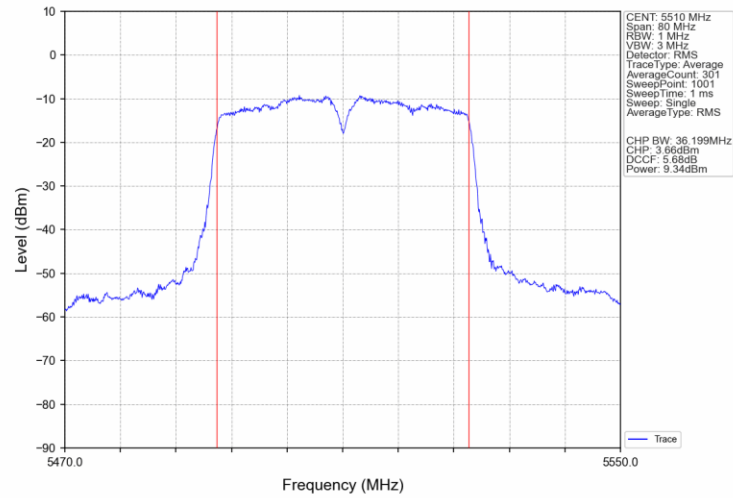
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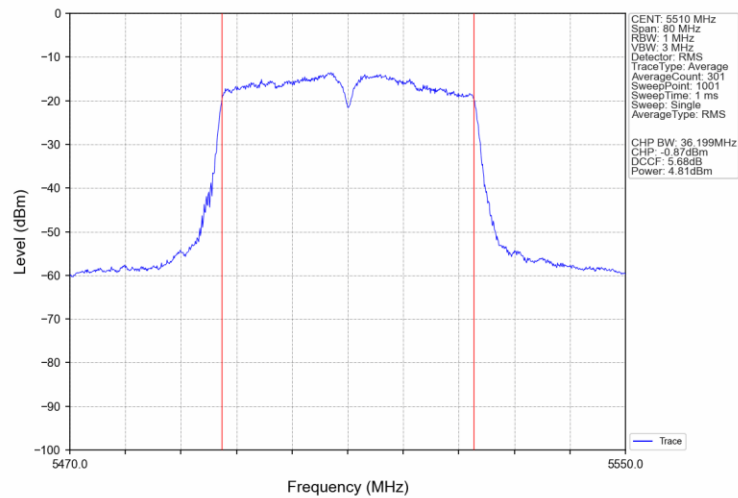
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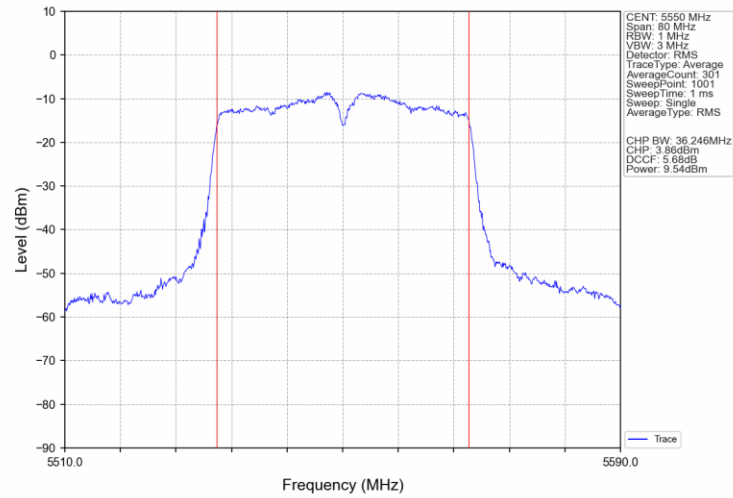
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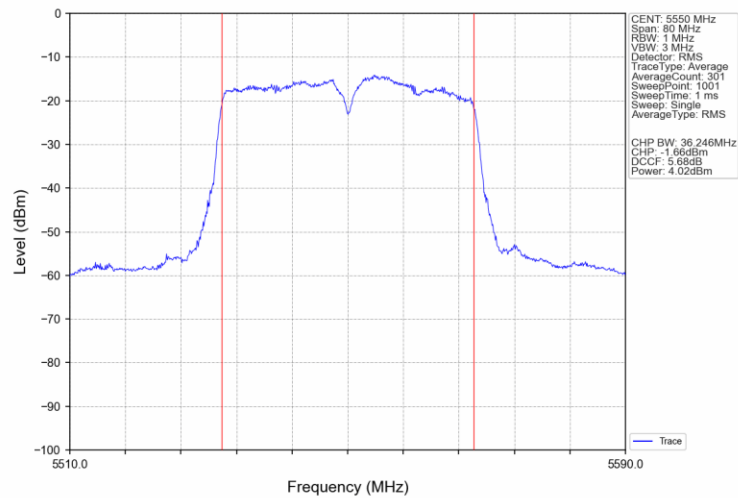
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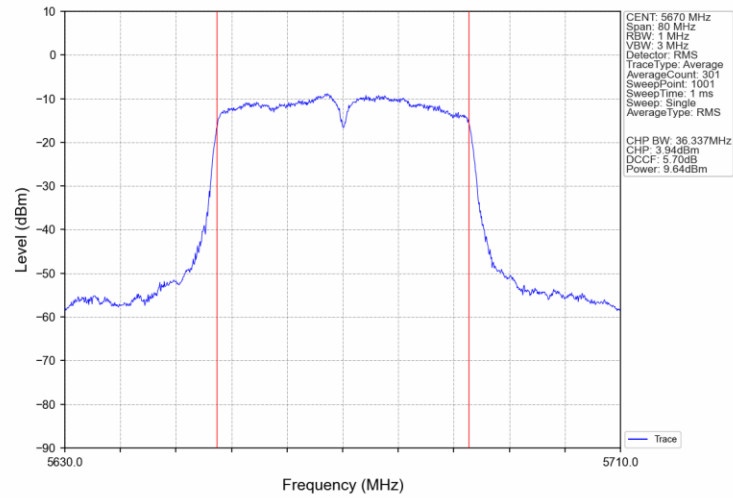
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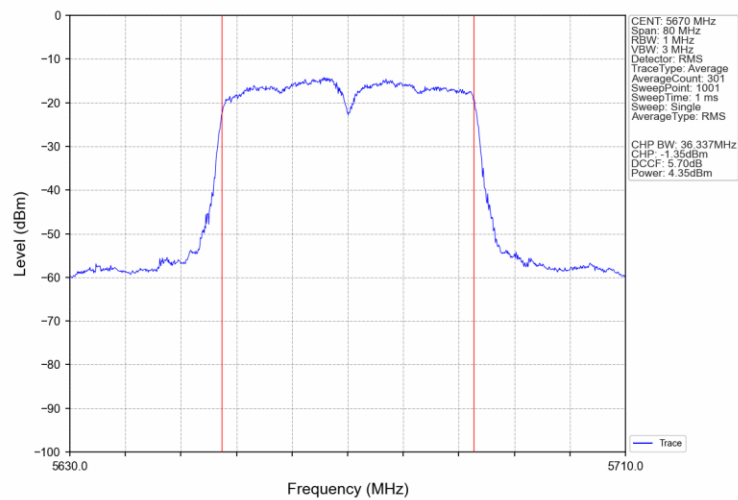
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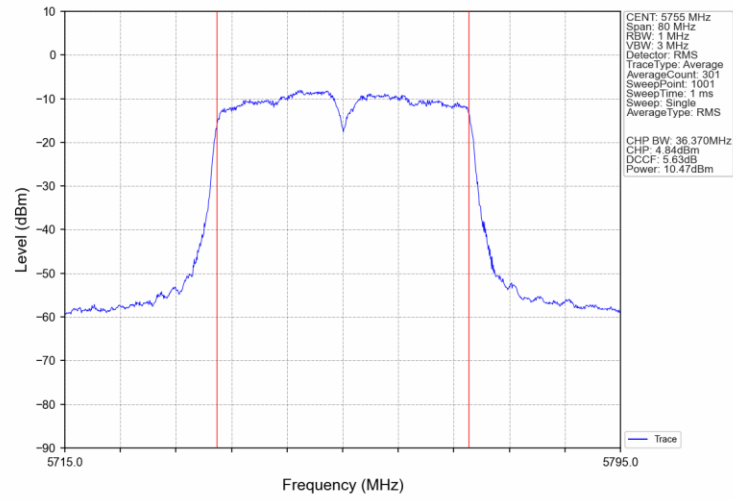
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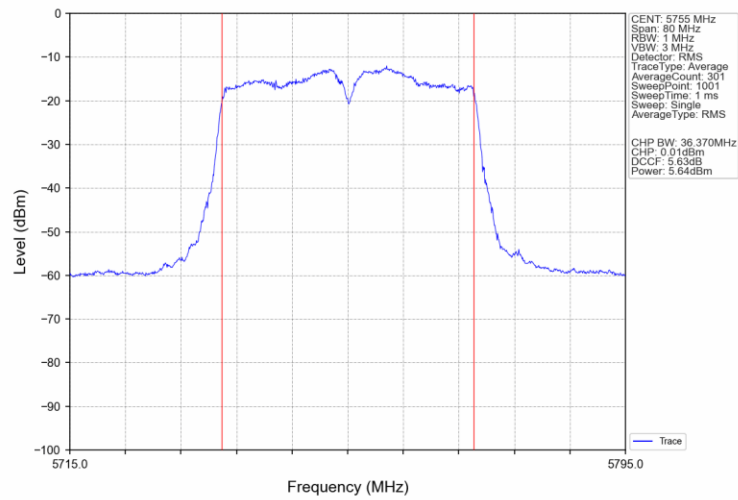
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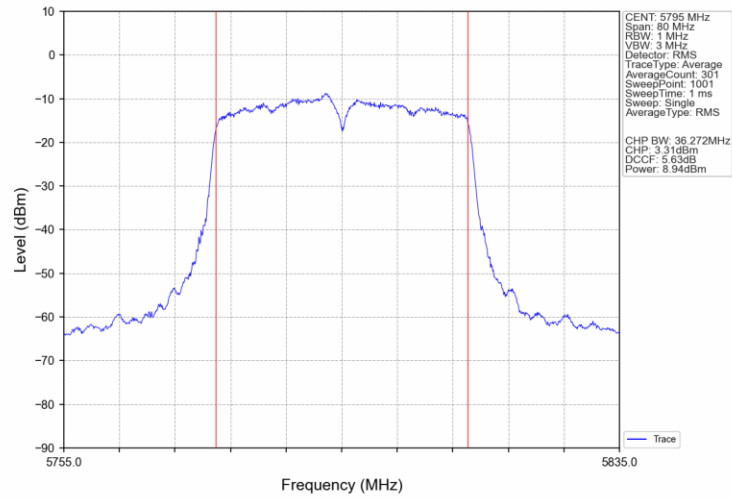
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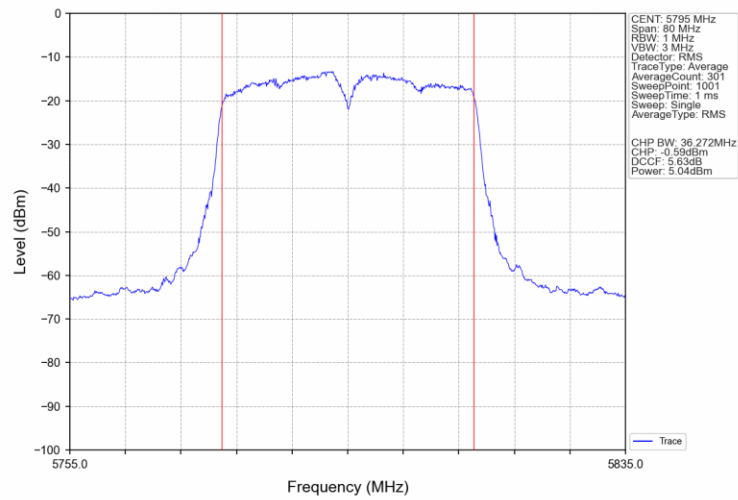
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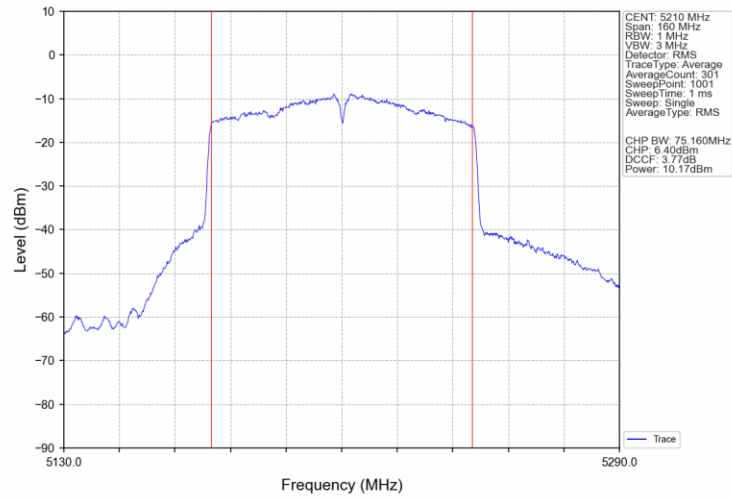
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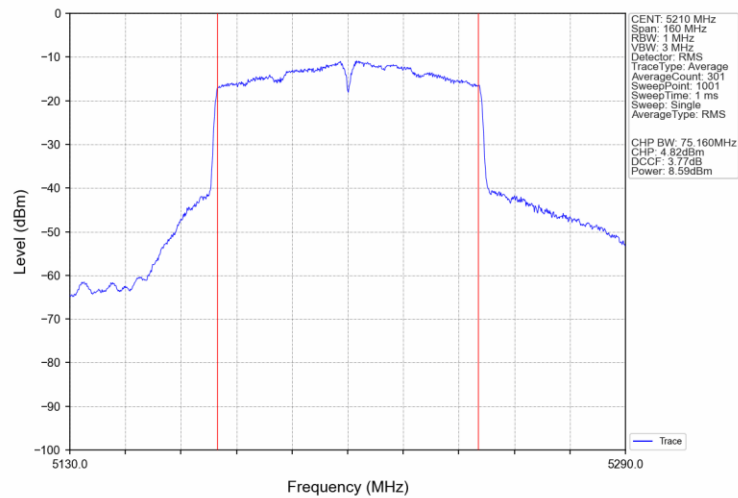
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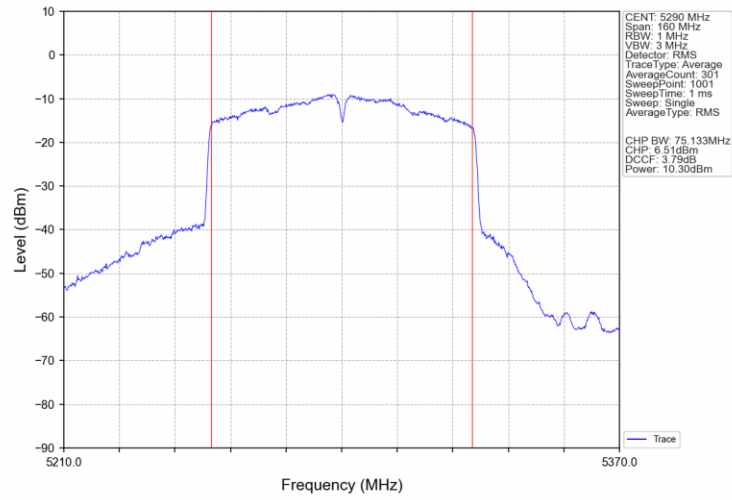
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



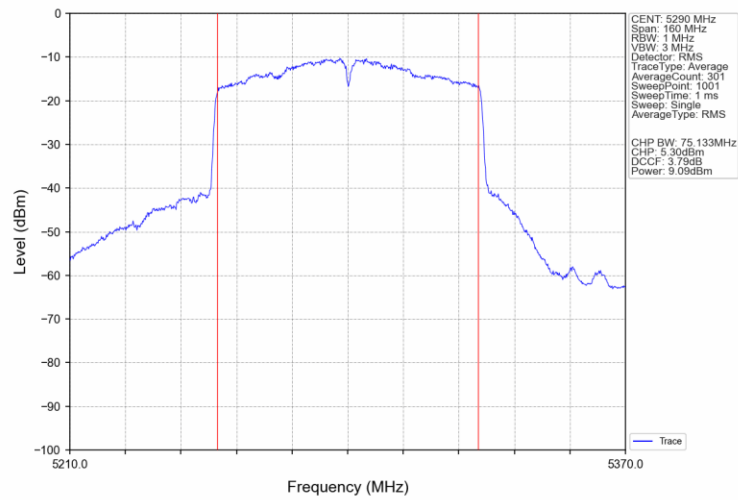
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



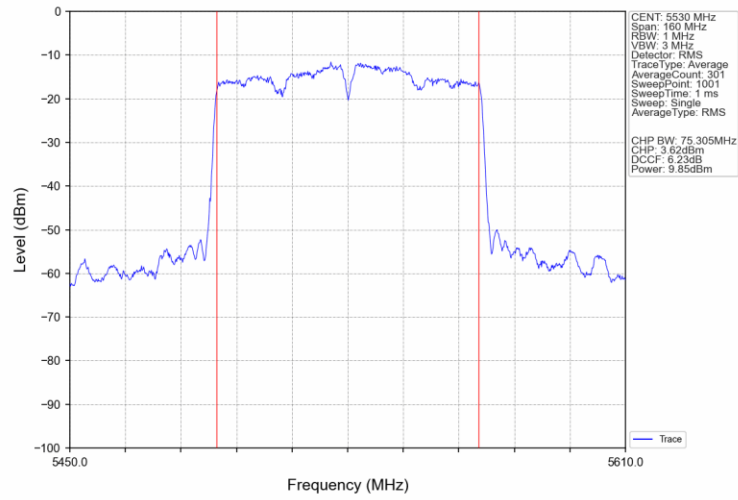
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



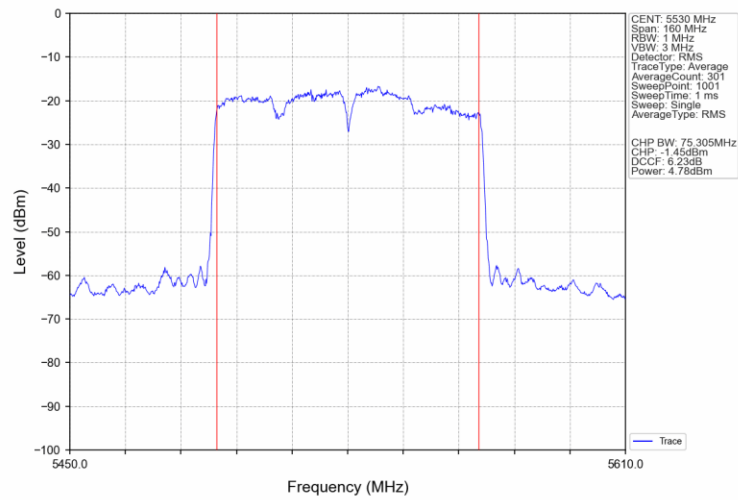
802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV



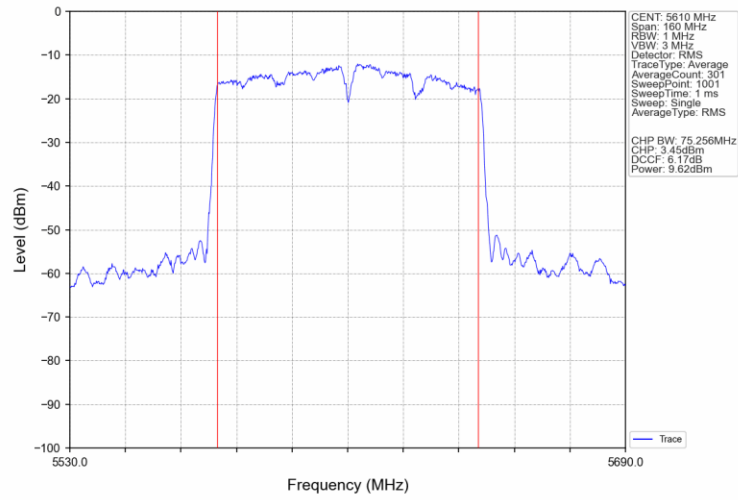
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



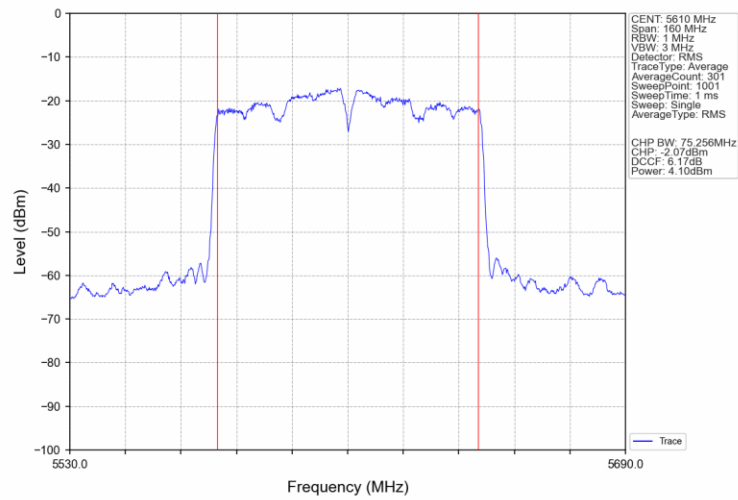
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



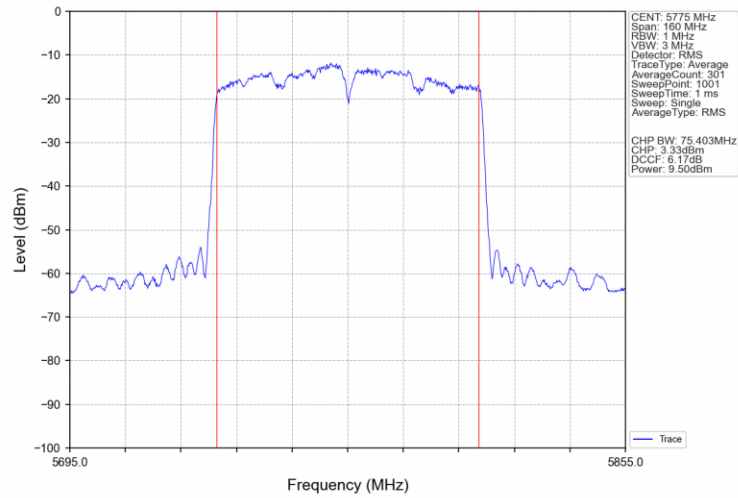
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



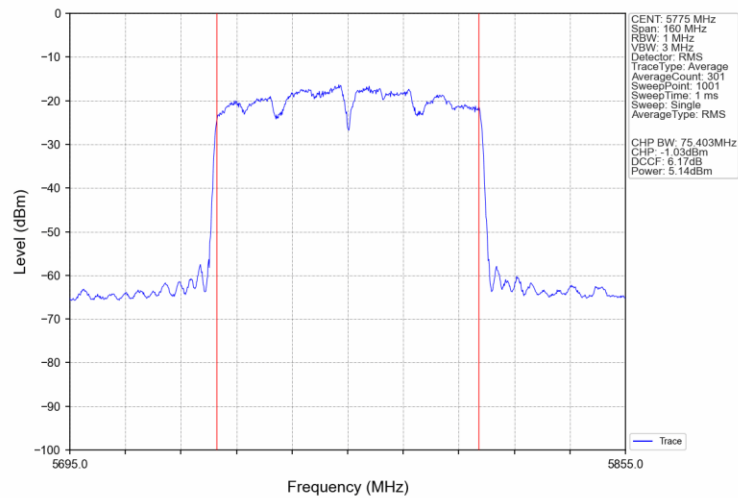
802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	-3.49	-4.53	/	<=9.34	Pass
		5200	-0.12	-1.67	/	<=9.34	Pass
		5240	0.52	-0.71	/	<=9.34	Pass
		5260	1.01	0.22	/	<=9.34	Pass
		5300	0.78	-0.36	/	<=9.34	Pass
		5320	0.28	-0.66	/	<=9.34	Pass
		5500	-0.64	-3.96	/	<=9.34	Pass
		5580	0.24	-6.25	/	<=9.34	Pass
802.11n (HT20)	MIMO	5700	1.13	-3.61	/	<=9.34	Pass
		5180	-1.75	-2.58	0.64	<=9.34	Pass
		5200	-2.13	-3.40	0.27	<=9.34	Pass
		5240	-1.52	-2.74	0.75	<=9.34	Pass
		5260	-1.59	-2.51	0.77	<=9.34	Pass
		5300	-2.19	-2.95	0.37	<=9.34	Pass
		5320	-1.90	-2.99	0.44	<=9.34	Pass
		5500	-2.79	-6.14	-1.23	<=9.34	Pass
802.11n (HT40)	MIMO	5580	-1.73	-7.26	-0.74	<=9.34	Pass
		5700	-1.08	-5.47	0.22	<=9.34	Pass
		5190	-4.40	-5.64	-2.19	<=9.34	Pass
		5230	-3.91	-5.38	-1.62	<=9.34	Pass
		5270	-3.47	-4.35	-0.93	<=9.34	Pass
		5310	-3.97	-4.75	-1.40	<=9.34	Pass
		5510	-3.93	-7.97	-2.51	<=9.34	Pass
		5550	-3.34	-8.77	-2.33	<=9.34	Pass
802.11ac (VHT20)	MIMO	5670	-2.95	-7.63	-1.75	<=9.34	Pass
		5180	-1.20	-2.41	1.24	<=9.34	Pass
		5200	-1.35	-2.72	0.88	<=9.34	Pass
		5240	-0.71	-2.31	1.49	<=9.34	Pass
		5260	-0.47	-1.43	1.94	<=9.34	Pass
		5300	-1.09	-2.29	1.30	<=9.34	Pass
		5320	-1.17	-2.27	1.16	<=9.34	Pass
		5500	-1.60	-5.65	-0.31	<=9.34	Pass
802.11ac (VHT40)	MIMO	5580	-1.22	-7.11	-0.25	<=9.34	Pass
		5700	-1.15	-6.01	-0.09	<=9.34	Pass
		5190	-3.58	-4.72	-1.18	<=9.34	Pass
		5230	-2.86	-4.42	-0.74	<=9.34	Pass
		5270	-2.81	-3.59	-0.31	<=9.34	Pass
		5310	-2.74	-4.17	-0.49	<=9.34	Pass
		5510	-3.31	-8.09	-2.19	<=9.34	Pass
802.11ac (VHT80)	MIMO	5550	-2.28	-7.77	-1.25	<=9.34	Pass
		5670	-2.69	-8.05	-1.70	<=9.34	Pass
		5210	-5.52	-7.02	-3.25	<=9.34	Pass
		5290	-5.29	-6.54	-3.05	<=9.34	Pass
		5530	-5.07	-10.85	-4.34	<=9.34	Pass
		5610	-5.84	-10.90	-4.77	<=9.34	Pass

Note1: Antenna Gain: Ant1: 4.62dBi; Ant2: 4.68dBi; Directional gain : 7.66dBi

Note2: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})^2 / NANT]$, where G is the antenna gain in dBi, NANT

it's the number of antennas.

Note3: Note3: PSD Limit (dBm) = 11 dBm - (7.66 dBi - 6 dBi) = 9.34dBm.

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-1.12	-6.15	/	<=28.34	Pass
		5785	-0.77	-5.16	/	<=28.34	Pass
		5825	-2.89	-6.48	/	<=28.34	Pass
802.11n (HT20)	MIMO	5745	-3.08	-7.27	-1.77	<=28.34	Pass
		5785	-2.45	-6.69	-1.14	<=28.34	Pass
		5825	-3.84	-7.29	-2.31	<=28.34	Pass
802.11n (HT40)	MIMO	5755	-4.90	-9.35	-3.57	<=28.34	Pass
		5795	-5.11	-8.47	-3.54	<=28.34	Pass
802.11ac (VHT20)	MIMO	5745	-3.11	-7.83	-1.97	<=28.34	Pass
		5785	-2.32	-6.95	-1.47	<=28.34	Pass
		5825	-3.84	-7.72	-2.35	<=28.34	Pass
802.11ac (VHT40)	MIMO	5755	-4.55	-8.91	-3.31	<=28.34	Pass
		5795	-6.11	-8.47	-4.17	<=28.34	Pass
802.11ac (VHT80)	MIMO	5775	-7.38	-11.67	-6.09	<=28.34	Pass

Note1: Antenna Gain: Ant1: 4.62dBi; Ant2: 4.68dBi; Directional gain : 7.66dBi

Note2: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})^2 / NANT]$, where G is the antenna gain in dBi, NANT it's the number of antennas.

Note3: Note3: PSD Limit (dBm) = 30 dBm - (7.66 dBi - 6 dBi) = 28.34dBm.

4.2 Test Graph

4.2.1 PSD

