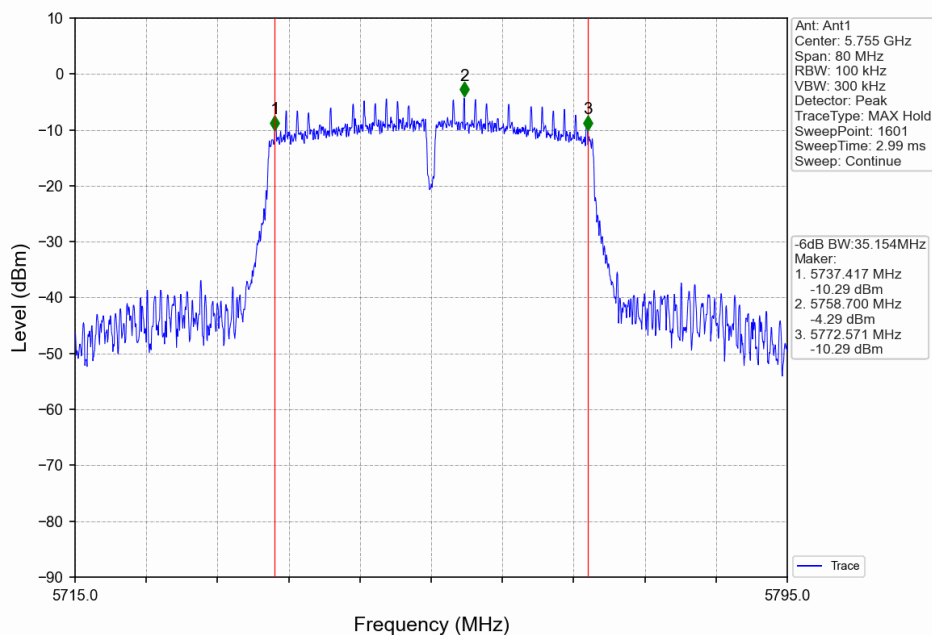
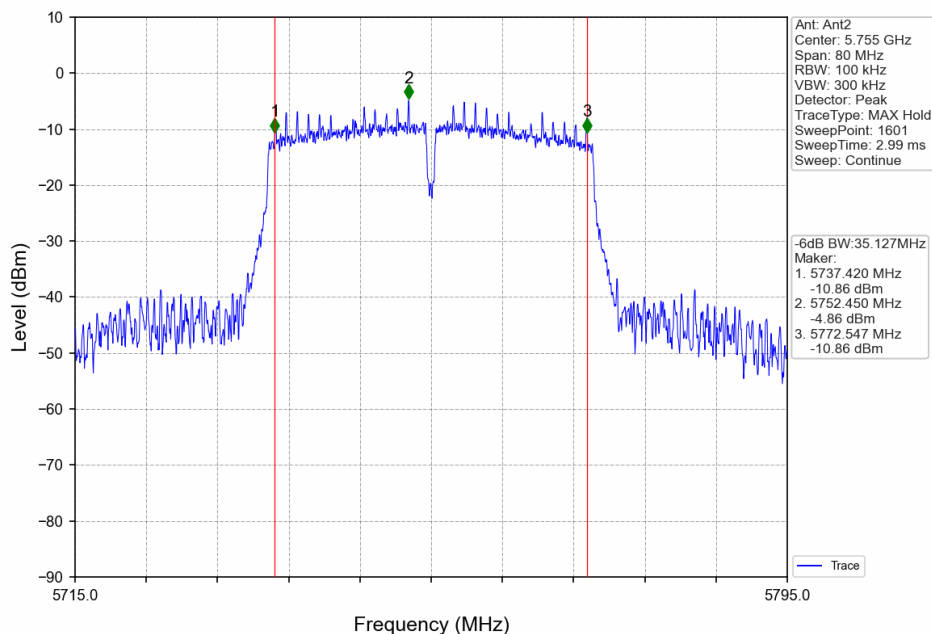


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



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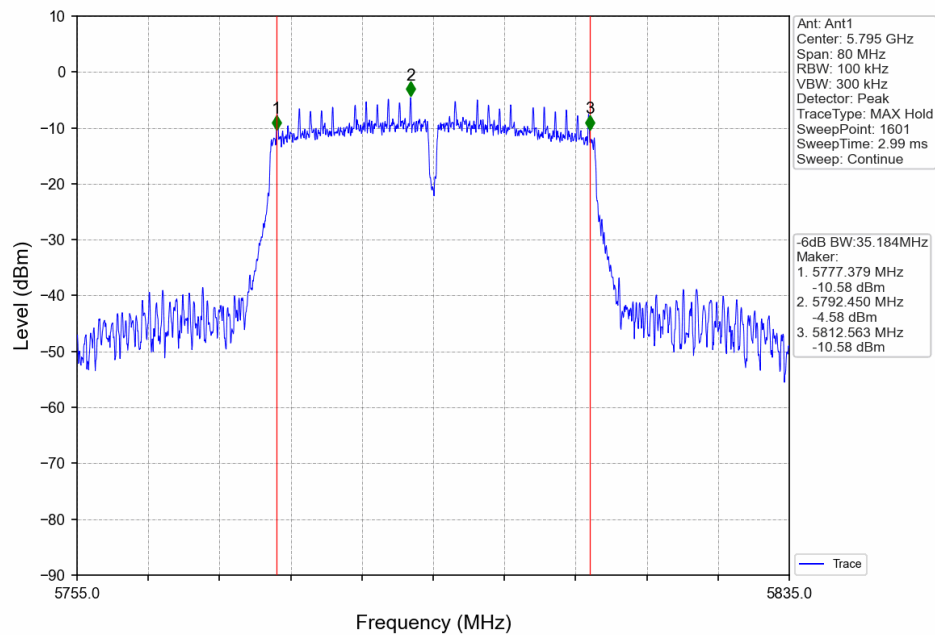
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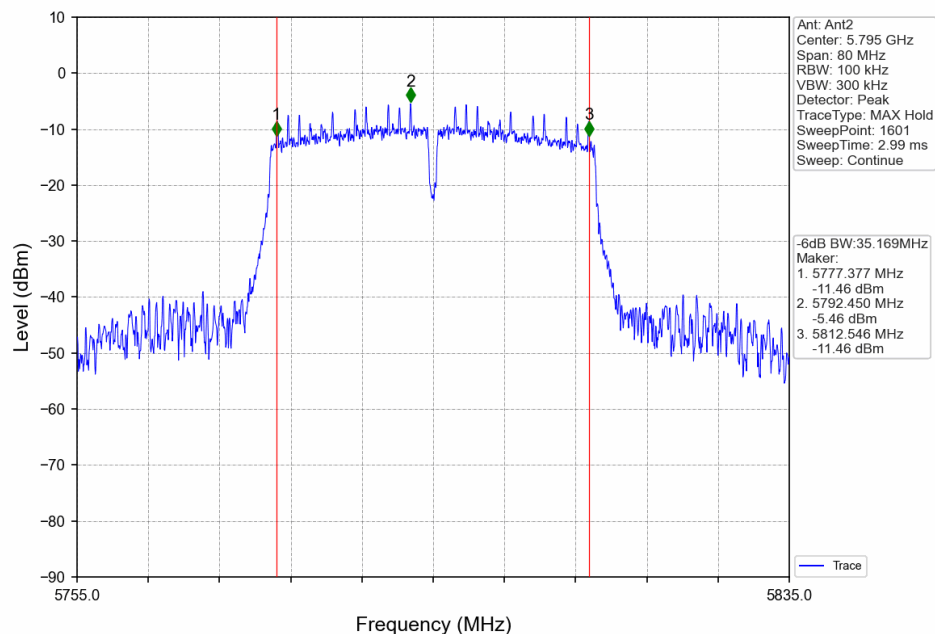
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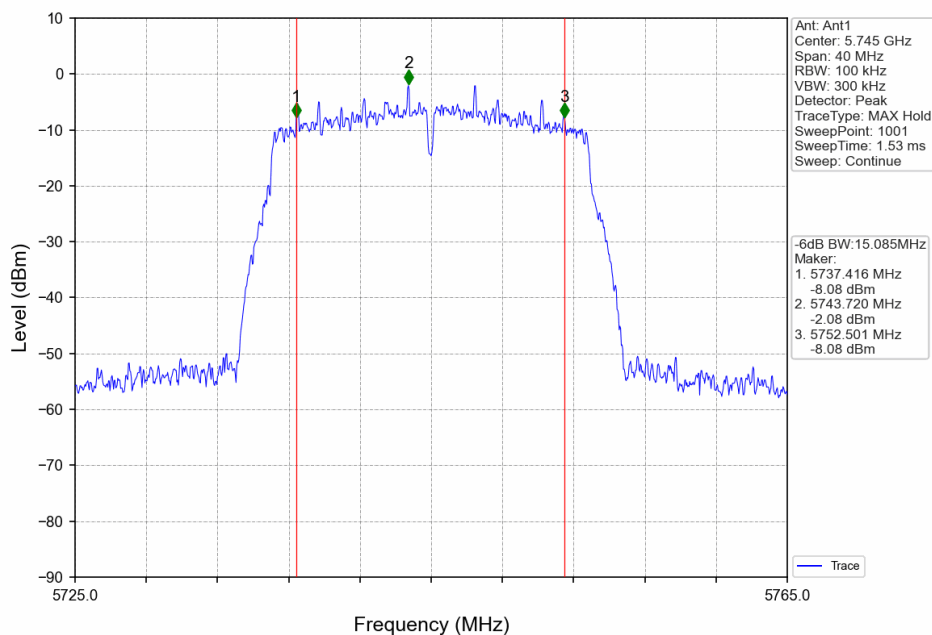
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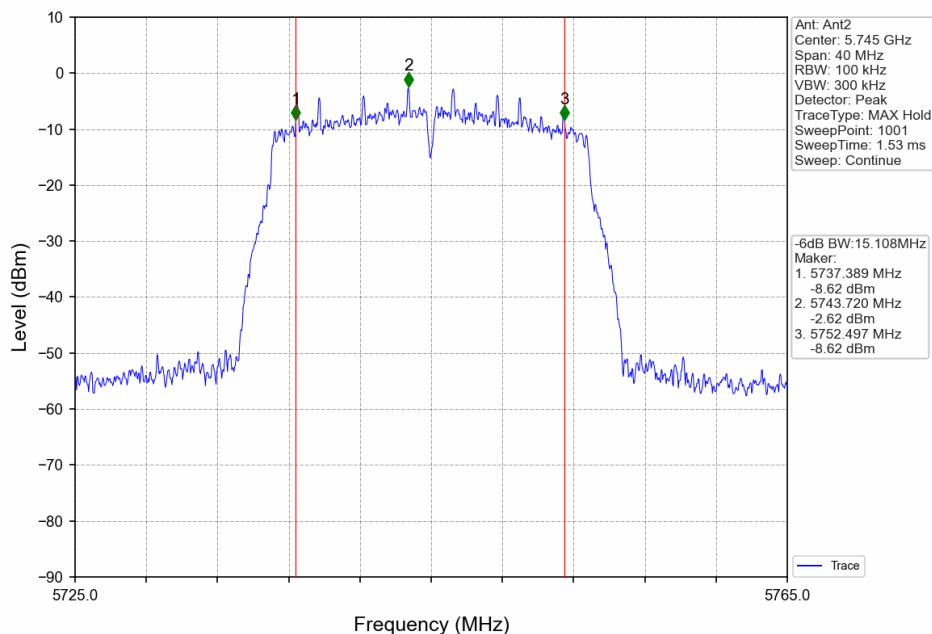
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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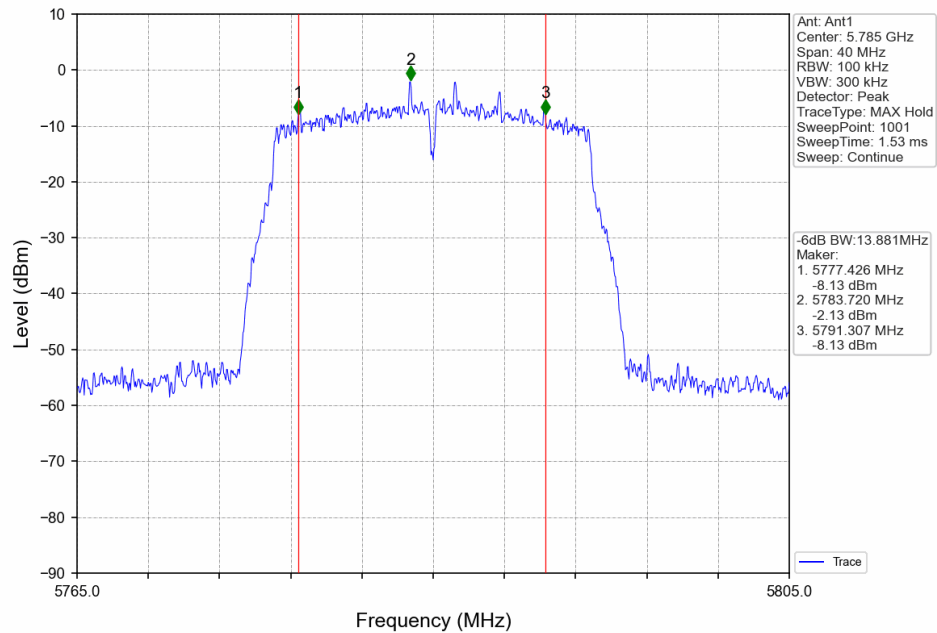
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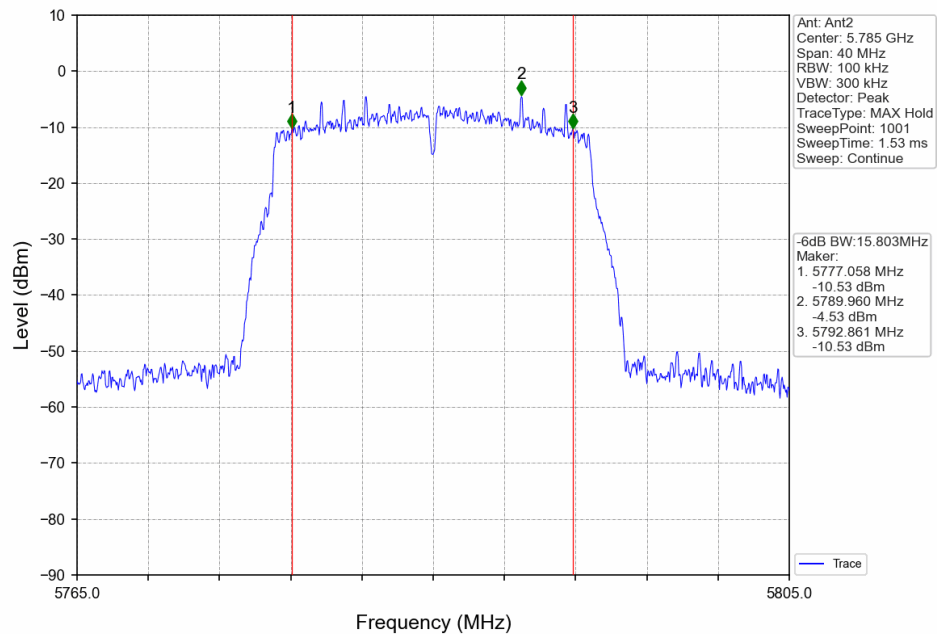
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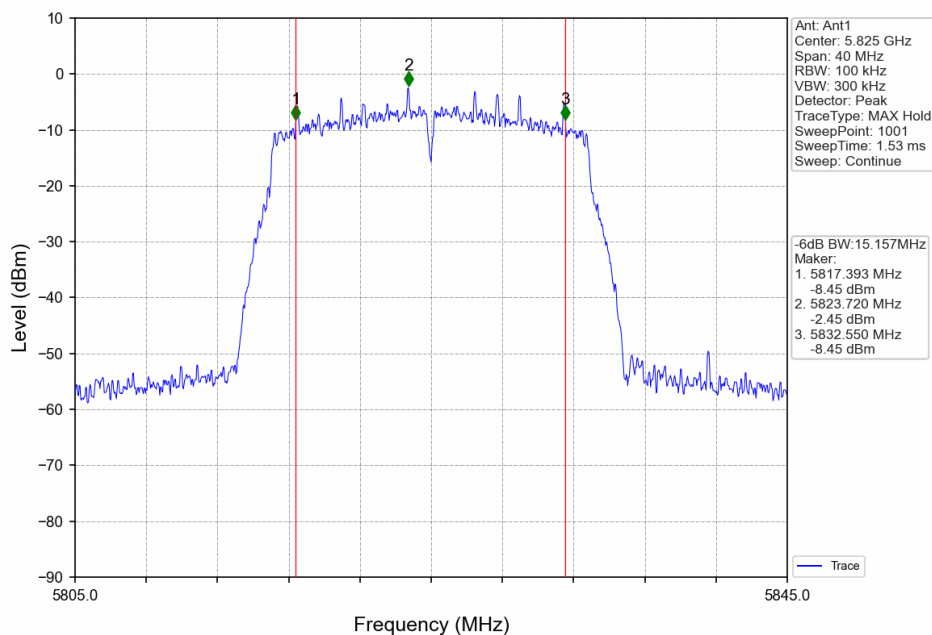
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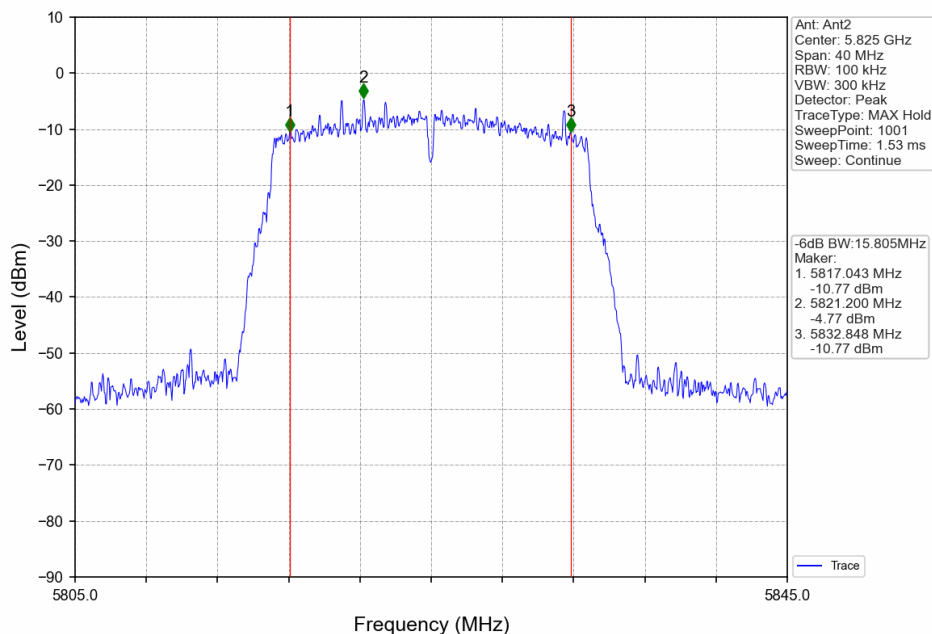
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



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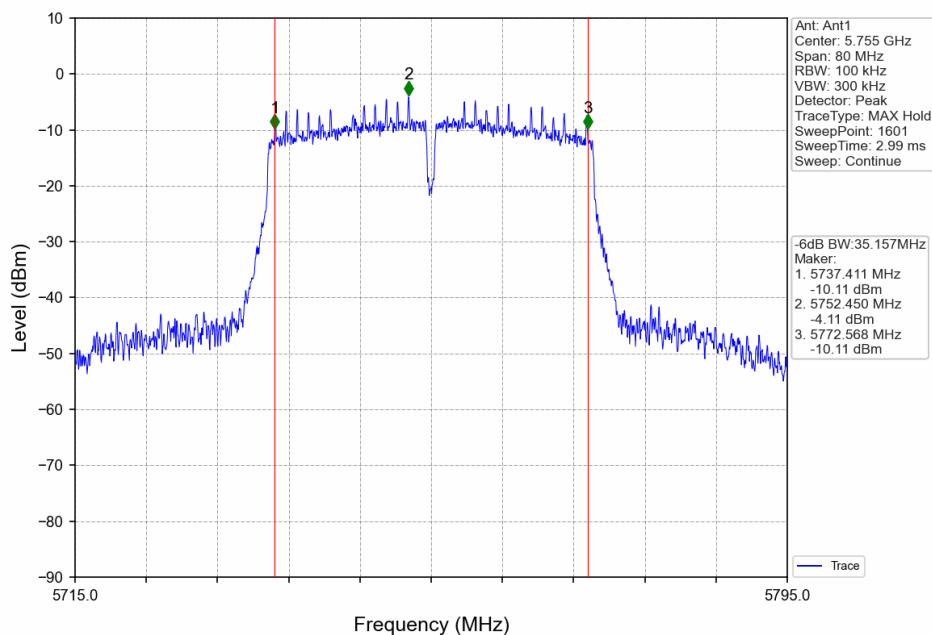
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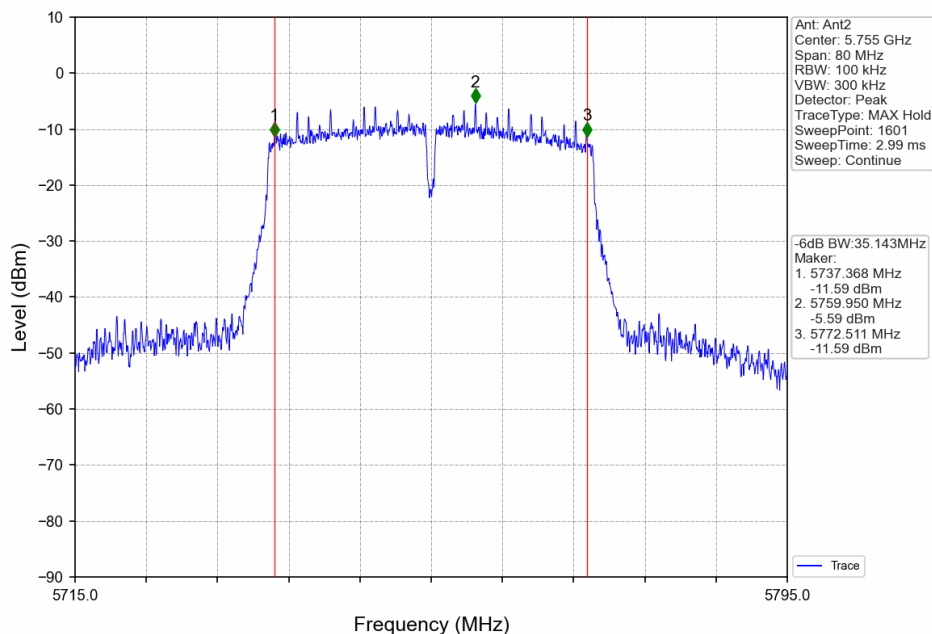
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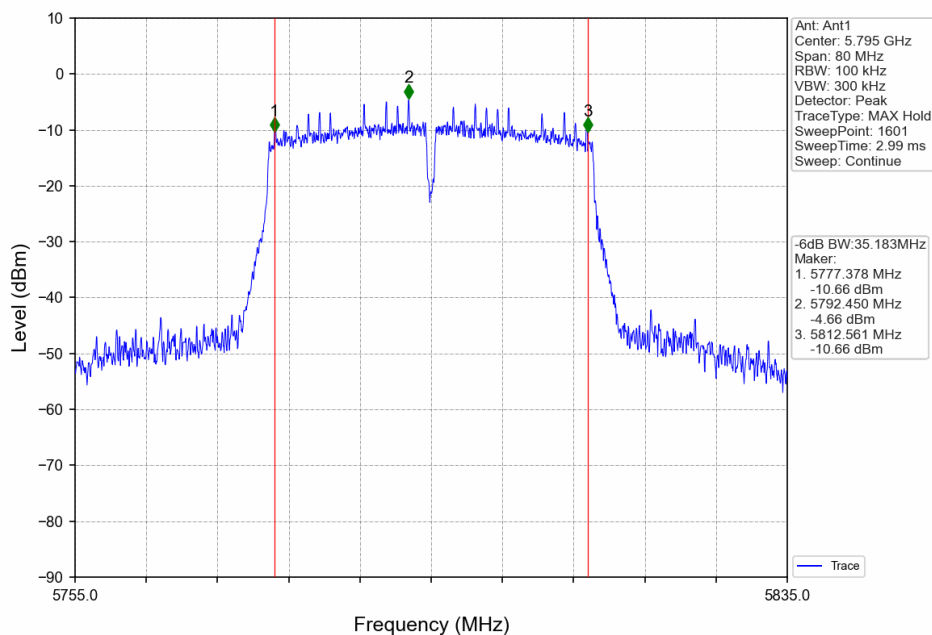
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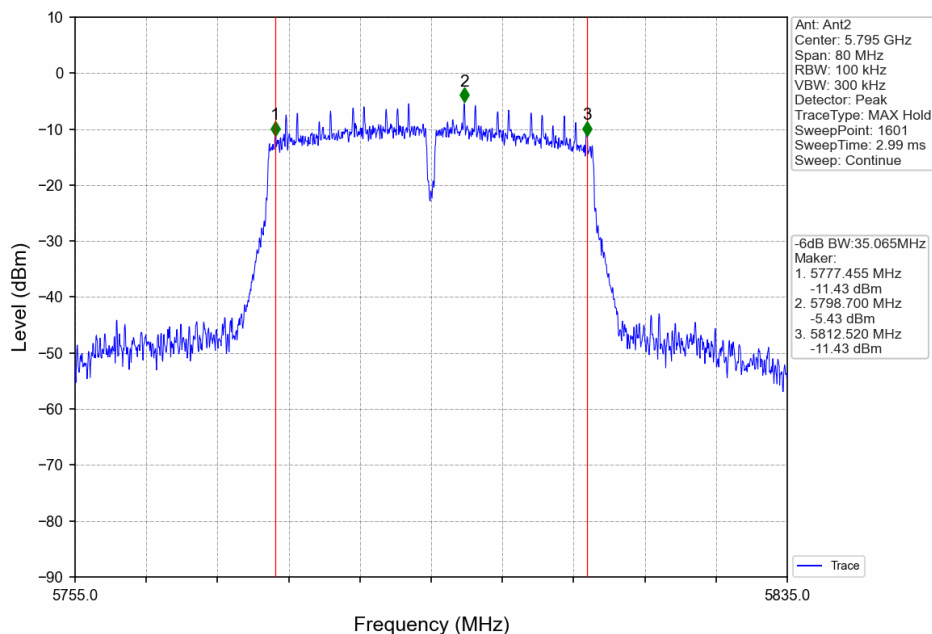
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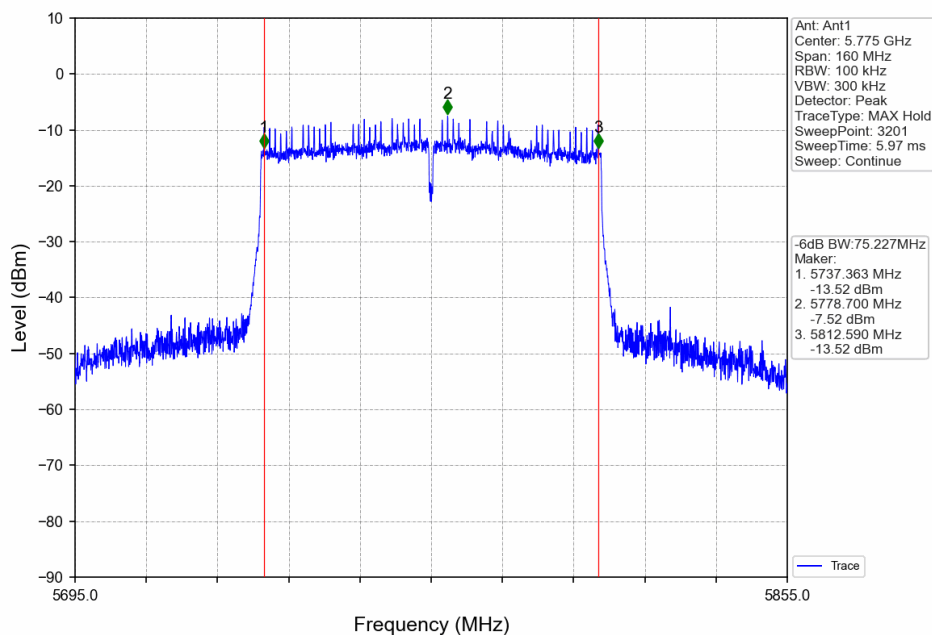
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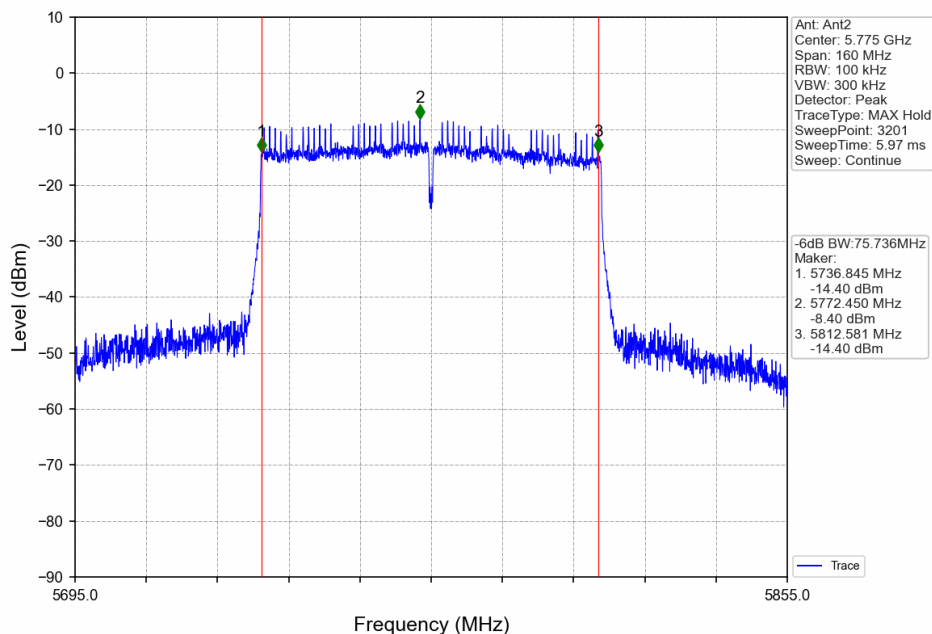
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	20.546	Pass
			2	20.523	Pass
		5200	1	20.502	Pass
			2	20.381	Pass
		5240	1	20.544	Pass
			2	20.268	Pass
802.11n (HT20)	MIMO	5180	1	20.876	Pass
			2	20.834	Pass
		5200	1	20.769	Pass
			2	20.799	Pass
		5240	1	20.892	Pass
			2	20.828	Pass
802.11n (HT40)	MIMO	5190	1	54.244	Pass
			2	41.309	Pass
		5230	1	41.546	Pass
			2	41.327	Pass
802.11ac (VHT20)	MIMO	5180	1	20.758	Pass
			2	20.778	Pass
		5200	1	20.651	Pass
			2	20.787	Pass
		5240	1	20.722	Pass
			2	20.736	Pass
802.11ac (VHT40)	MIMO	5190	1	41.349	Pass
			2	41.278	Pass
		5230	1	41.396	Pass
			2	41.205	Pass
802.11ac (VHT80)	MIMO	5210	1	82.924	Pass
			2	83.289	Pass



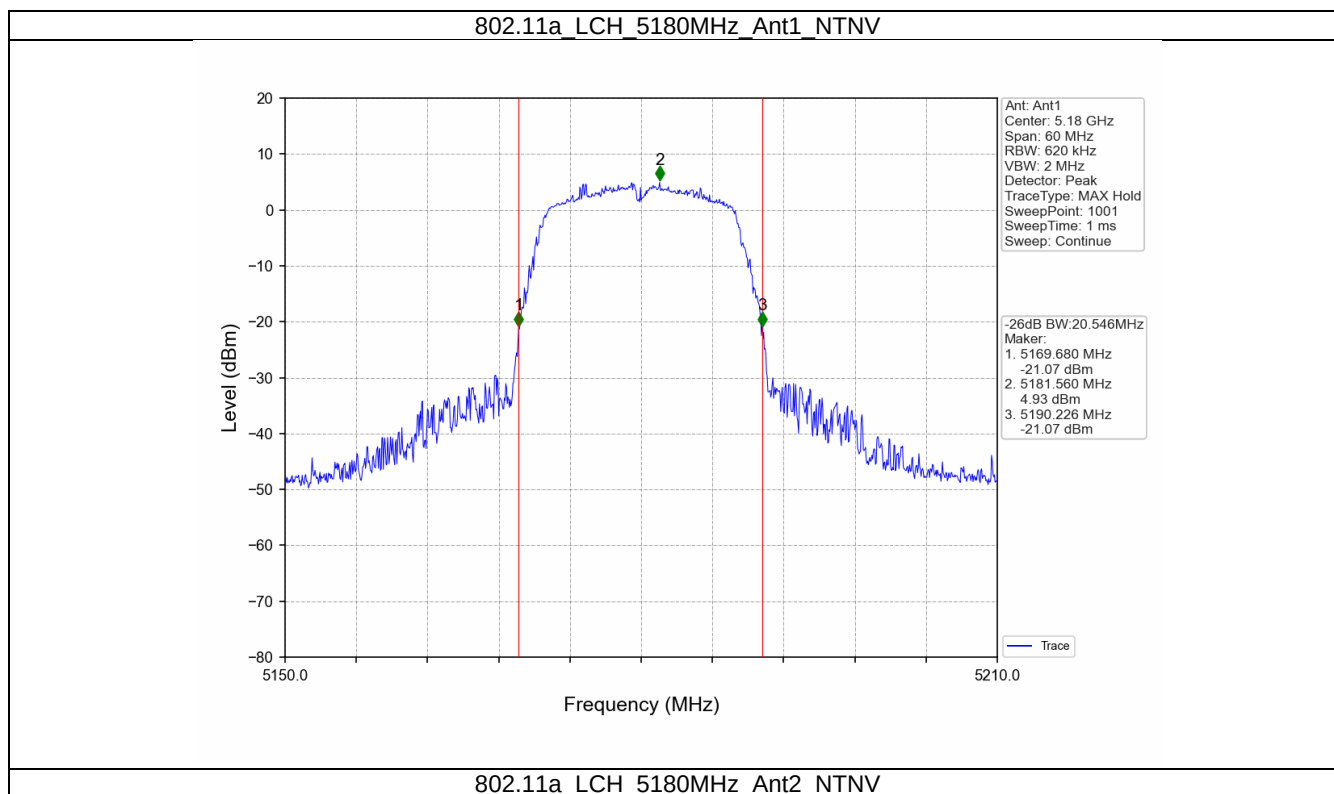
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2.3.2 Test Graph

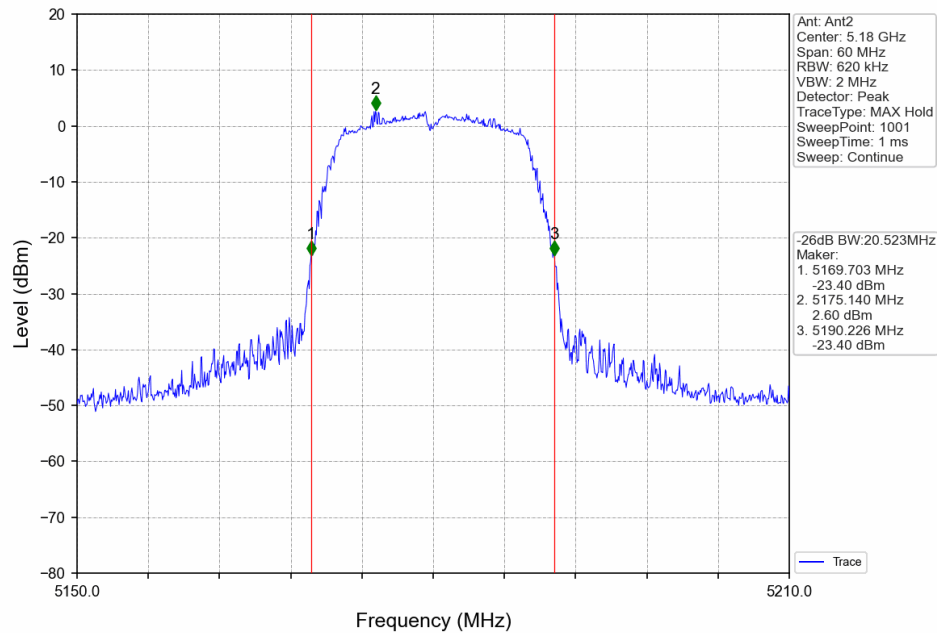


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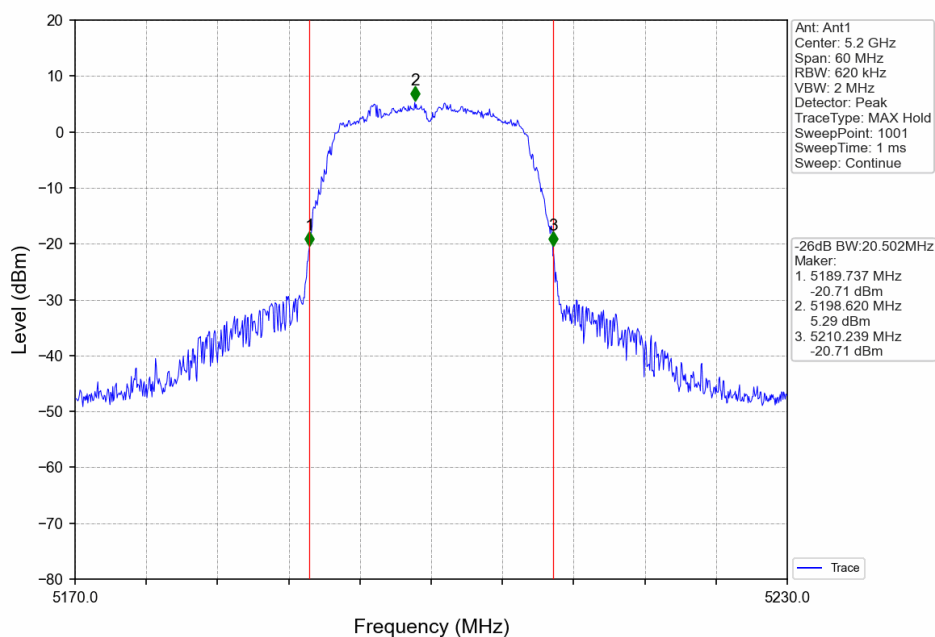
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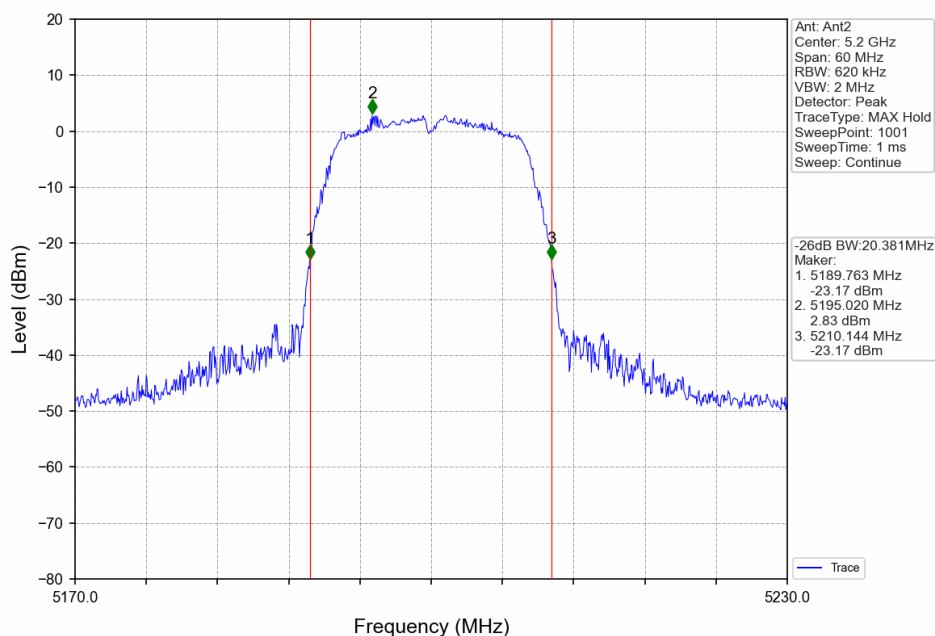
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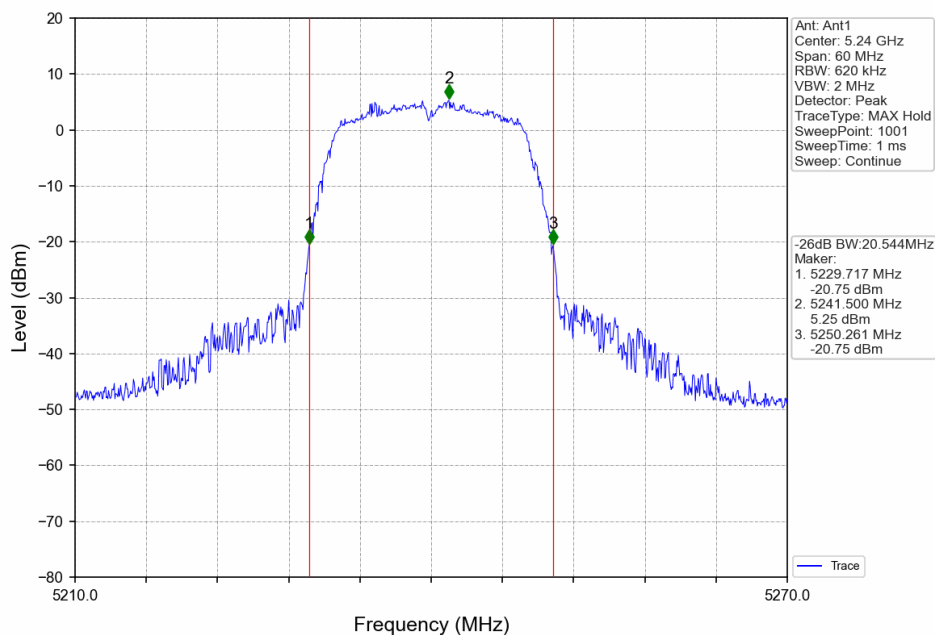
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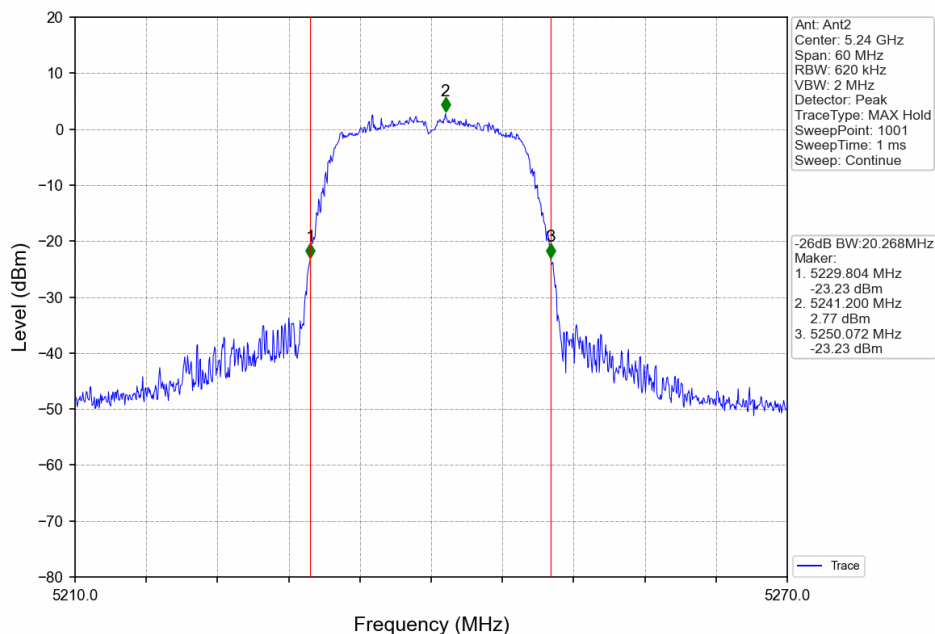
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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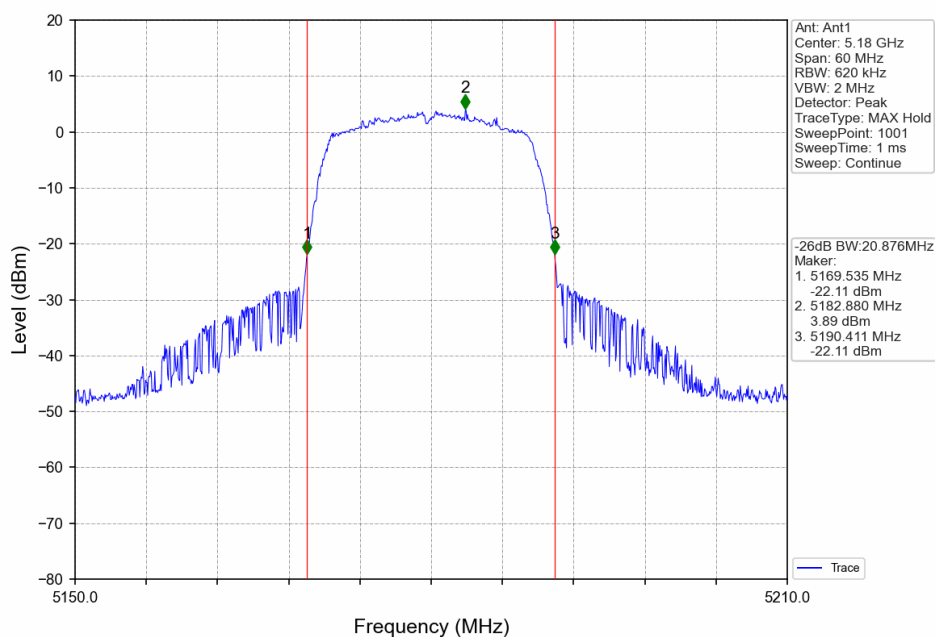
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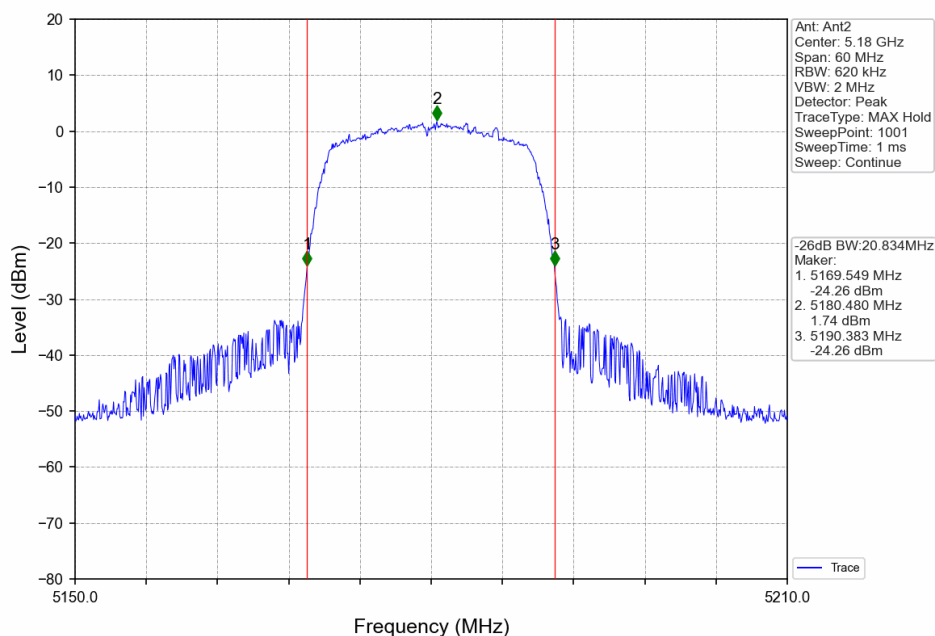
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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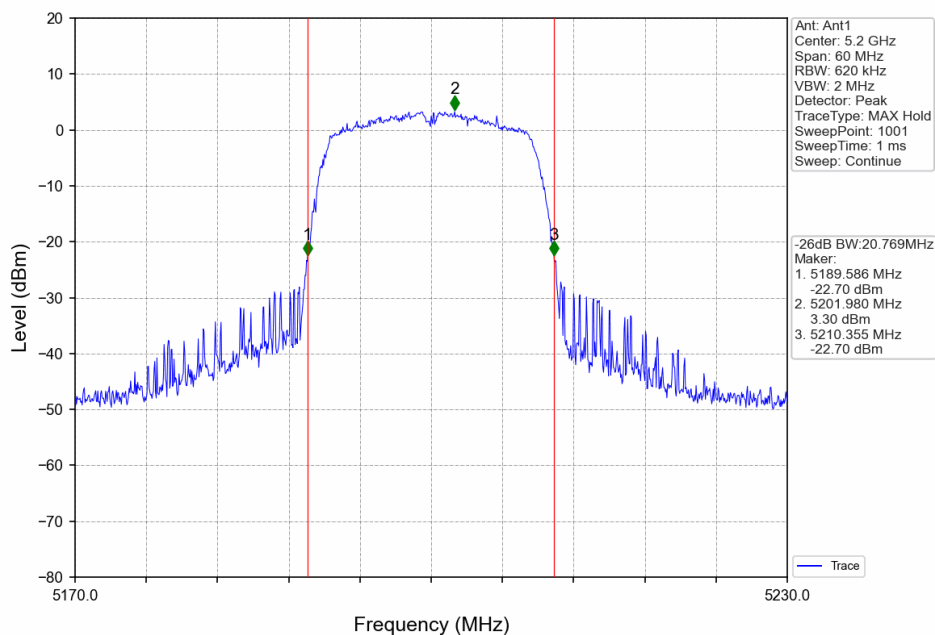
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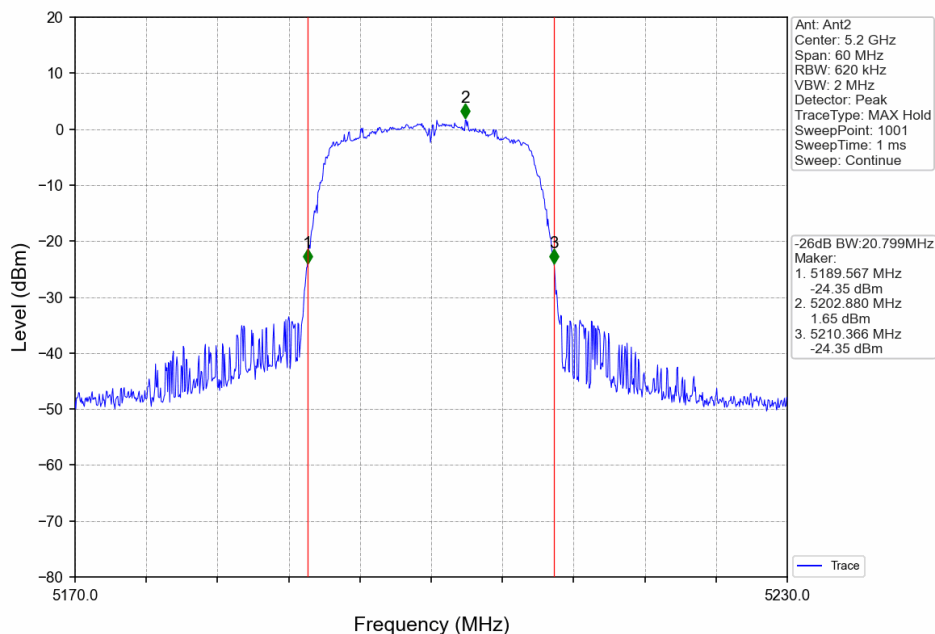
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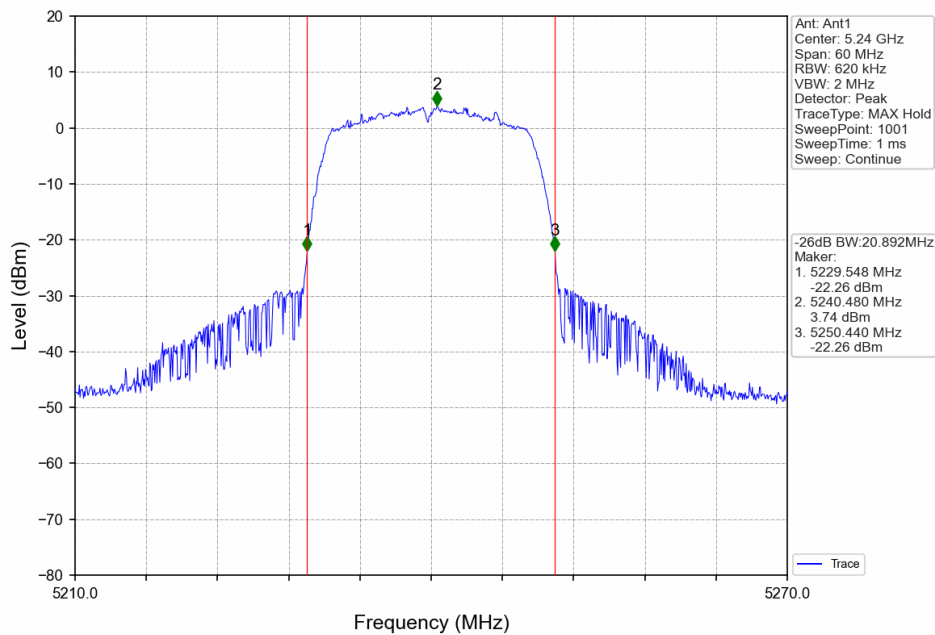
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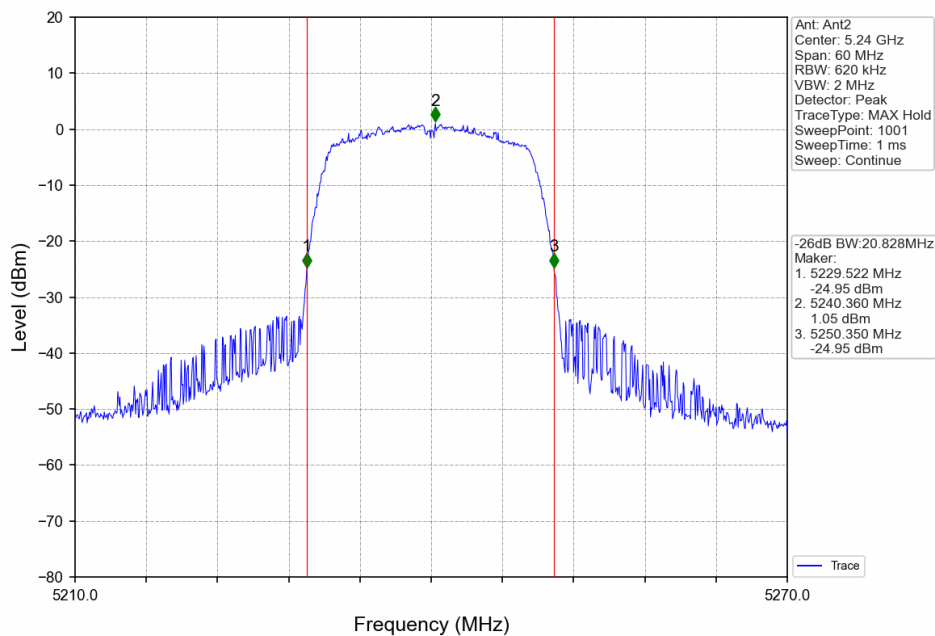
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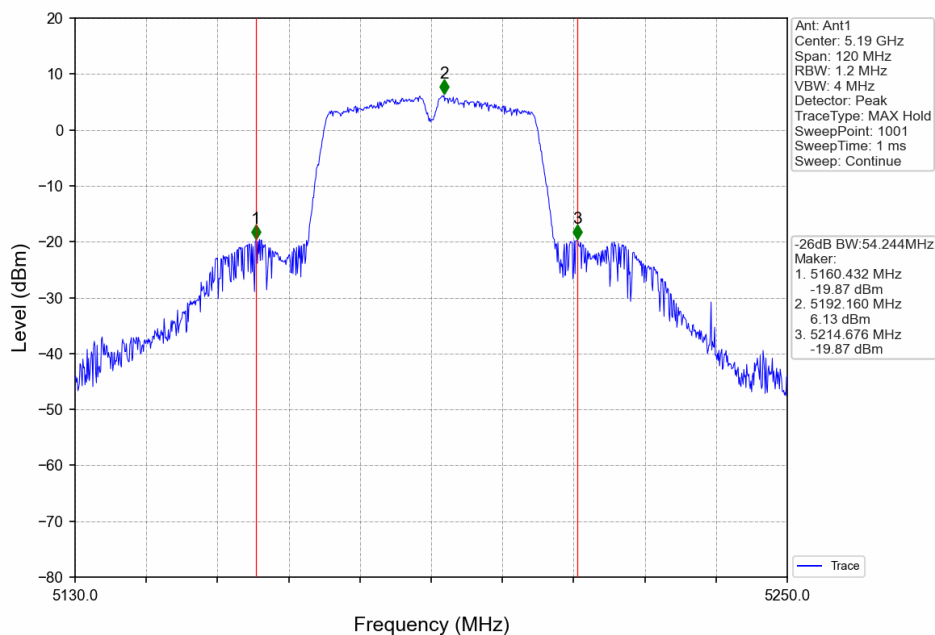
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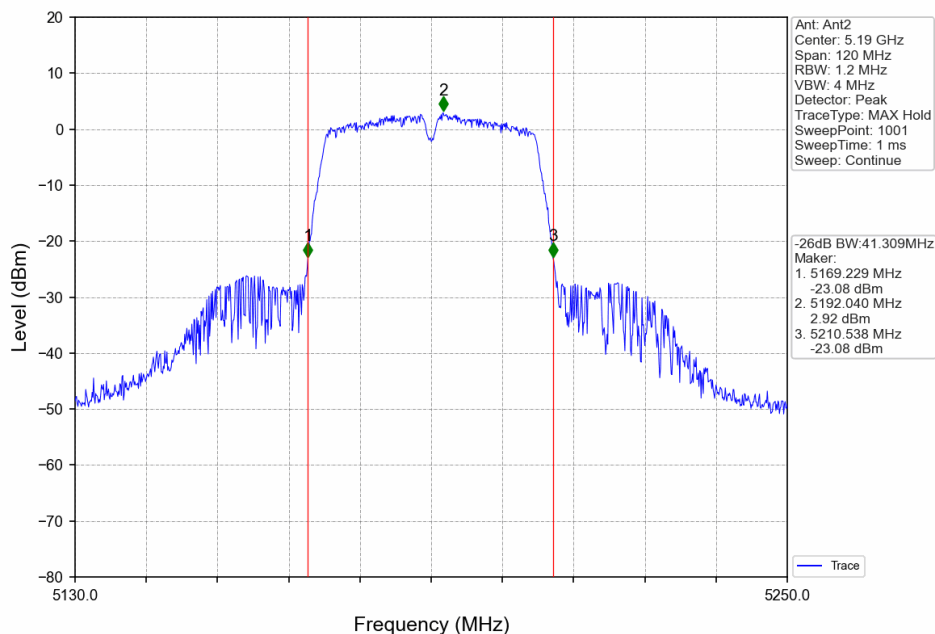
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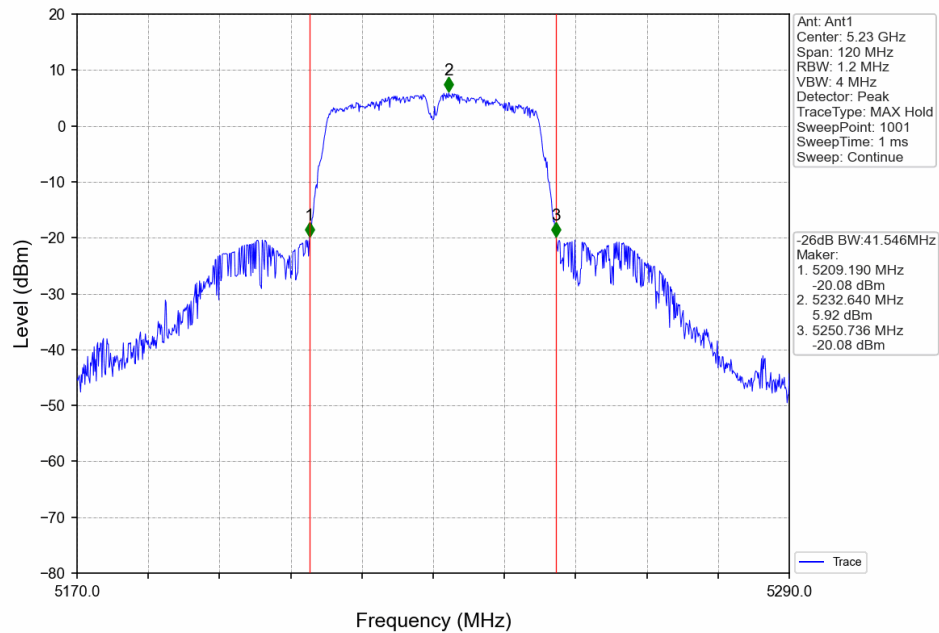
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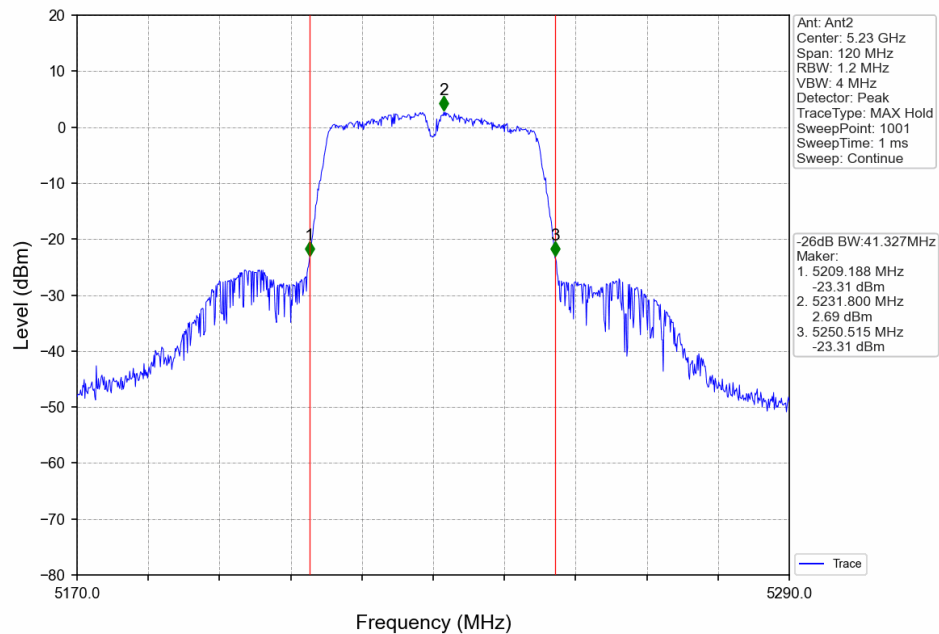
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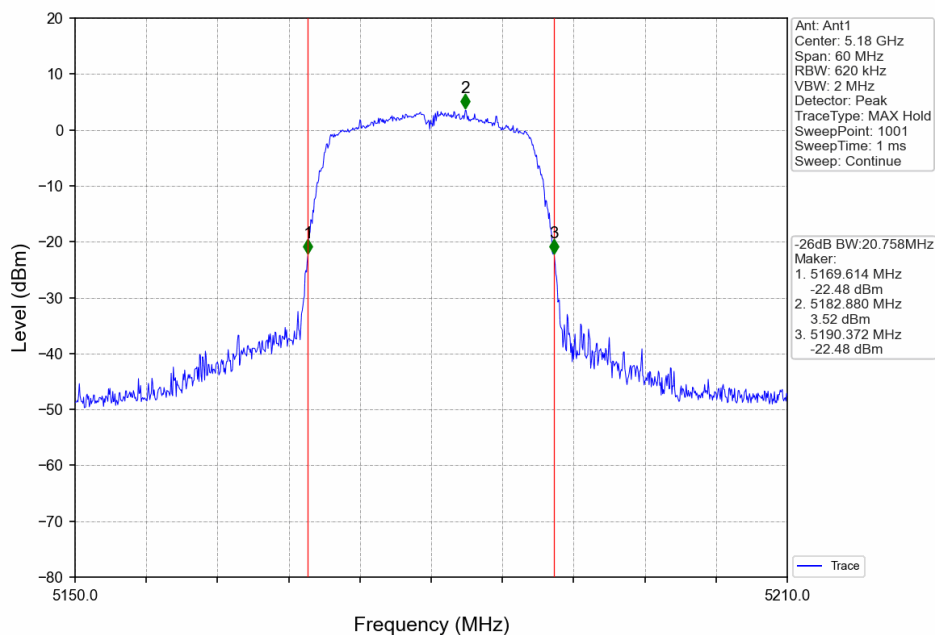
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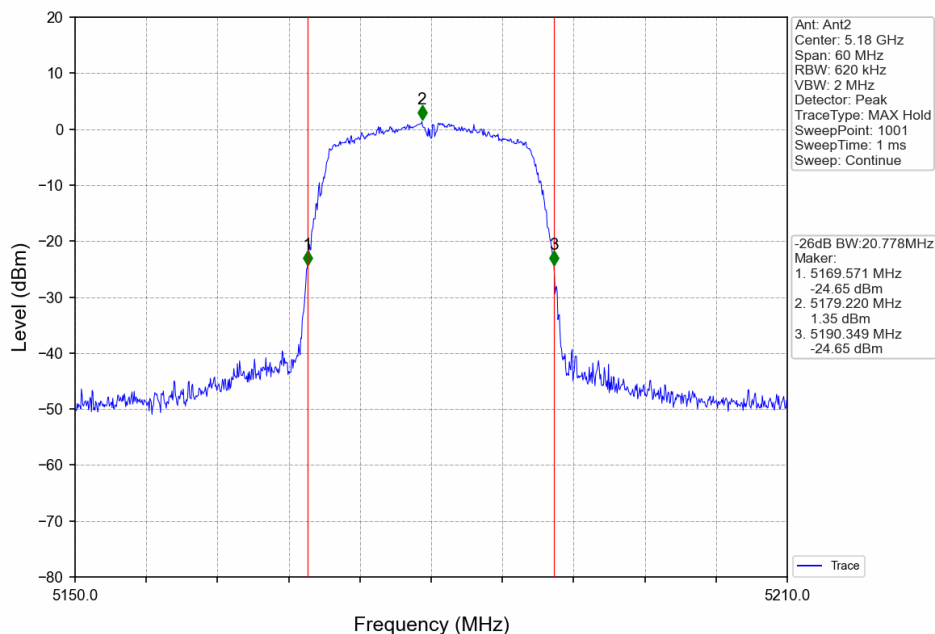
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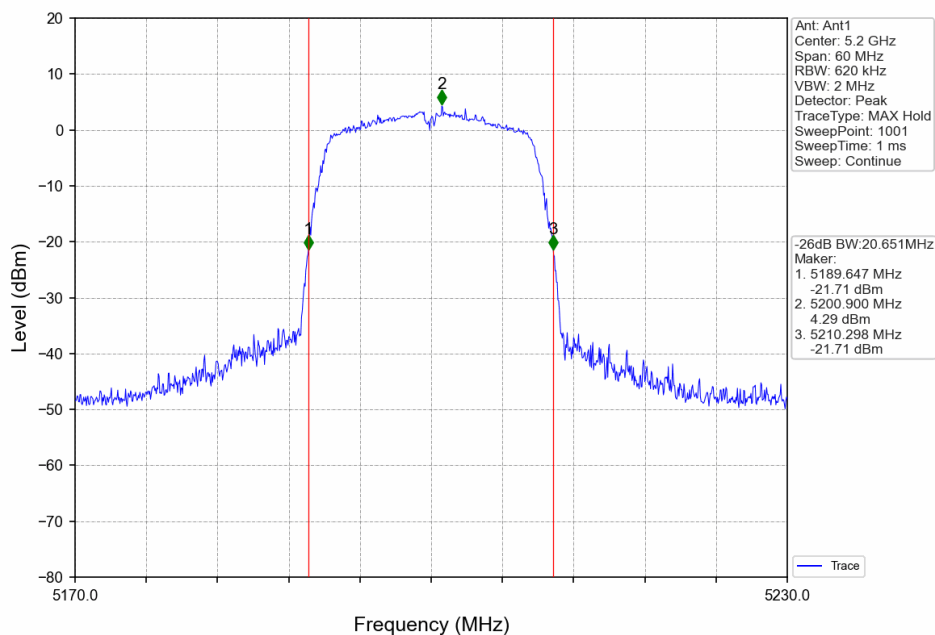
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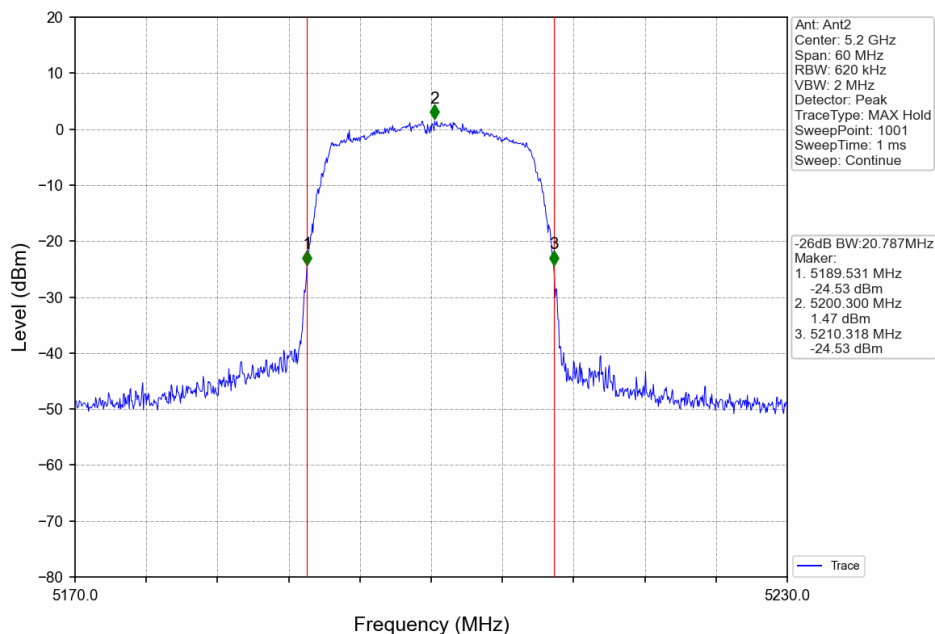
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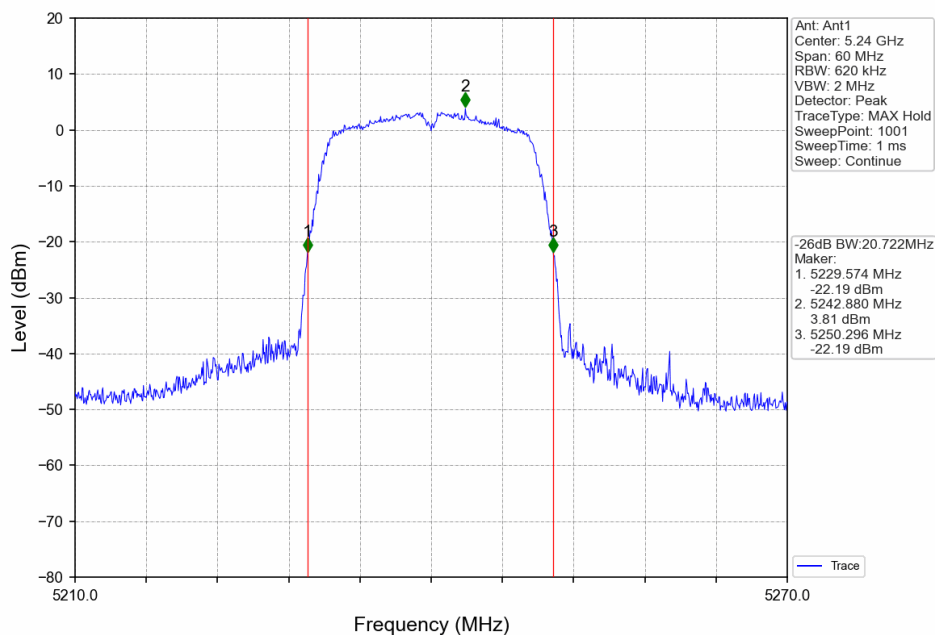
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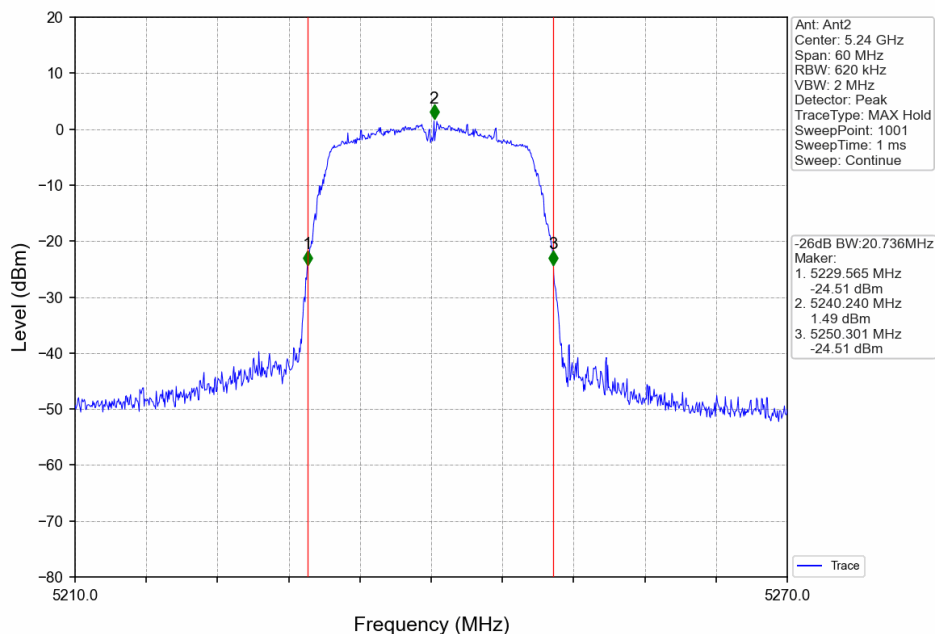
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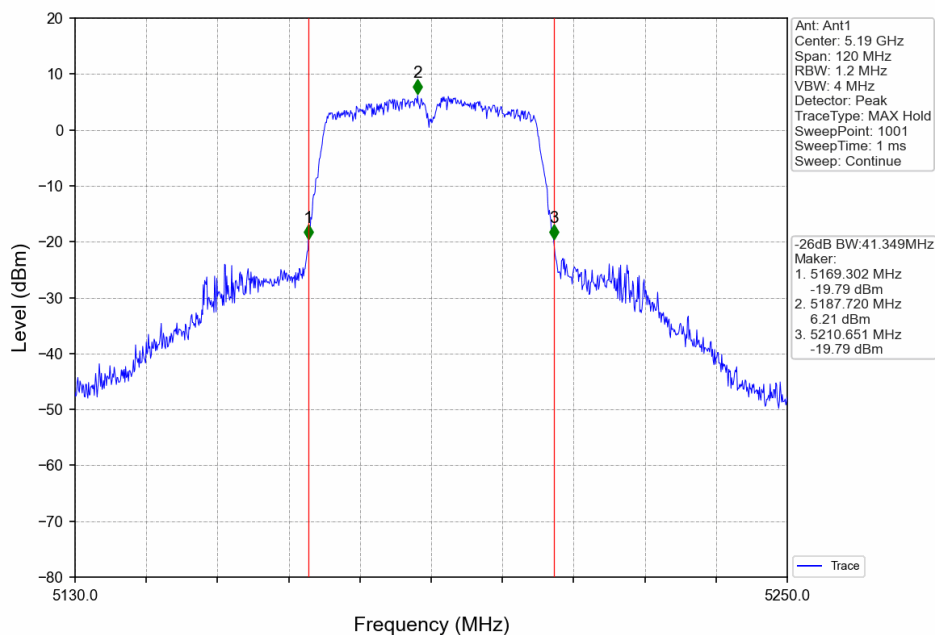
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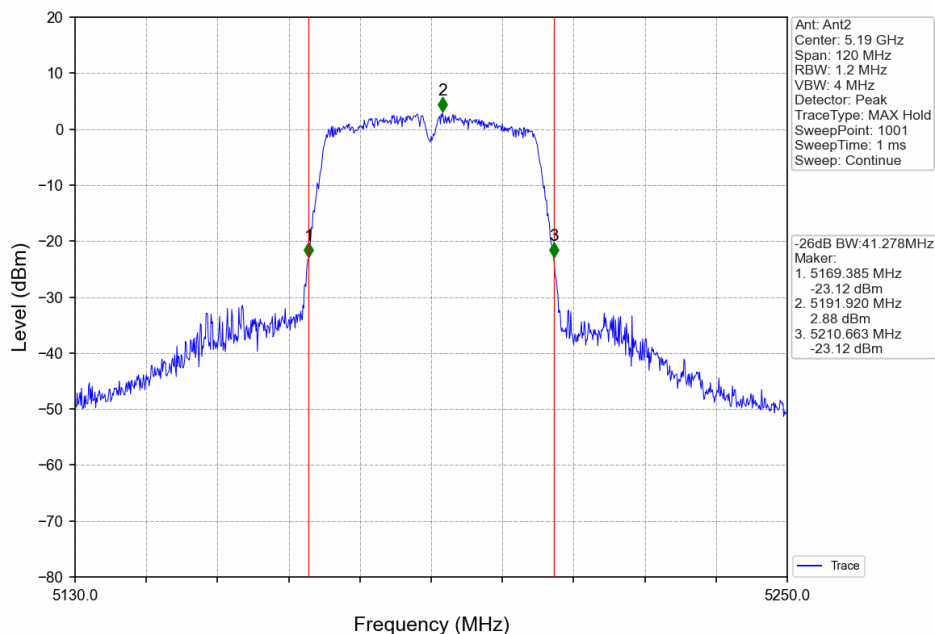
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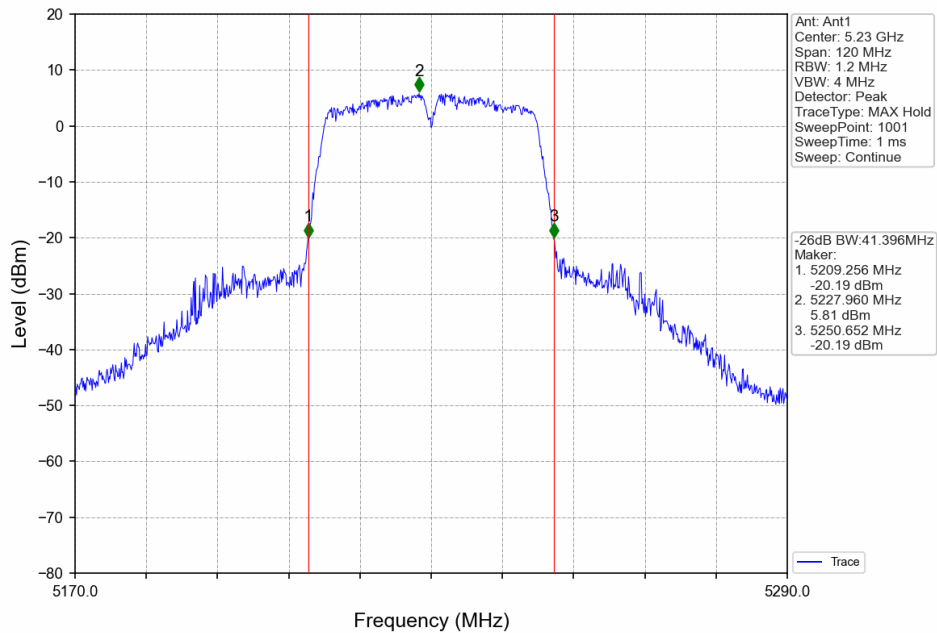
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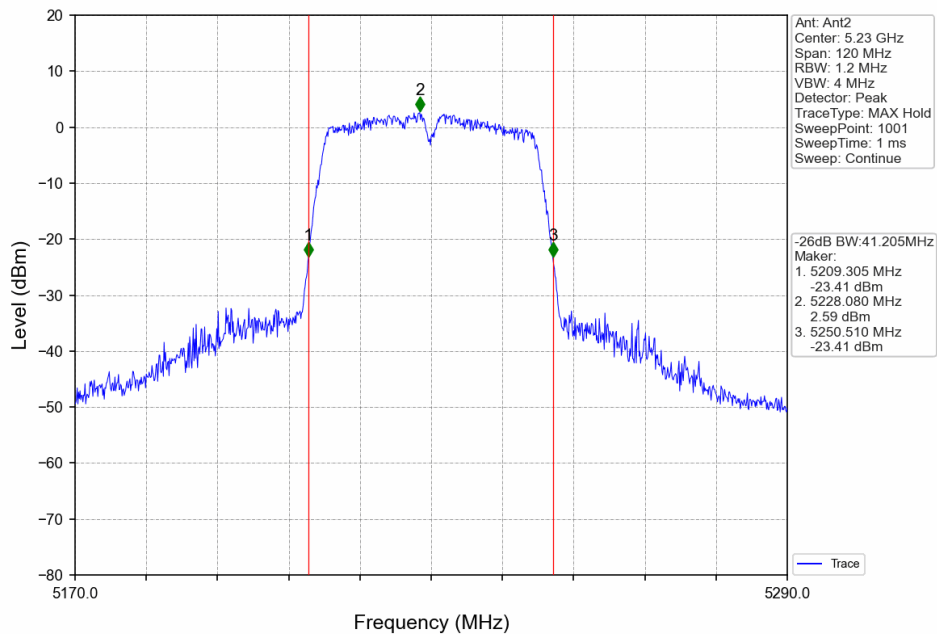
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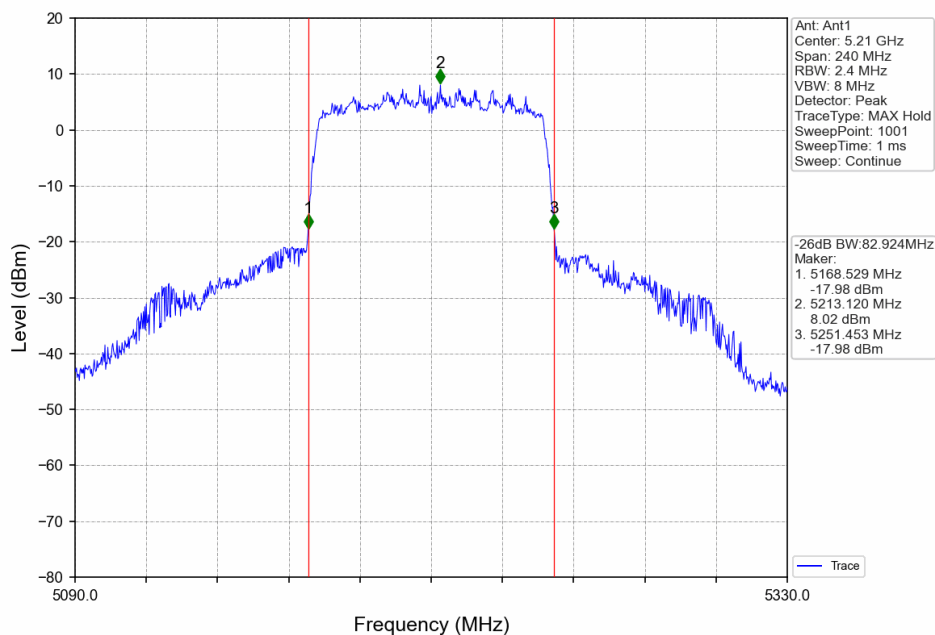
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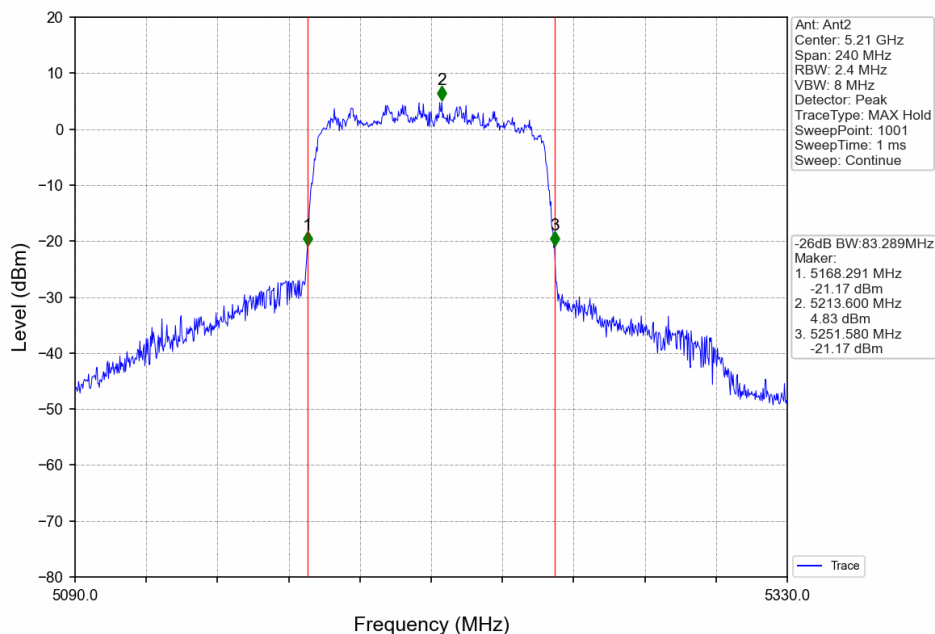
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result for FCC

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	10.51	8.22	/	<=23.98	Pass
		5200	10.69	8.45	/	<=23.98	Pass
		5240	10.81	8.03	/	<=23.98	Pass
		5745	9.70	8.68	/	<=30	Pass
		5785	9.28	8.07	/	<=30	Pass
		5825	8.98	7.94	/	<=30	Pass
802.11n (HT20)	MIMO	5180	9.41	7.39	11.53	<=23.98	Pass
		5200	9.44	7.23	11.48	<=23.98	Pass
		5240	9.47	6.89	11.38	<=23.98	Pass
		5745	8.66	7.82	11.27	<=30	Pass
		5785	8.09	7.25	10.70	<=30	Pass
		5825	7.71	6.83	10.30	<=30	Pass
802.11n (HT40)	MIMO	5190	10.58	7.32	12.26	<=23.98	Pass
		5230	10.40	7.17	12.09	<=23.98	Pass
		5755	8.95	8.16	11.58	<=30	Pass
		5795	8.21	7.47	10.87	<=30	Pass
802.11ac (VHT20)	MIMO	5180	9.42	7.49	11.57	<=23.98	Pass
		5200	9.41	7.34	11.51	<=23.98	Pass
		5240	9.37	7.03	11.37	<=23.98	Pass
		5745	8.43	7.85	11.16	<=30	Pass
		5785	7.97	7.20	10.61	<=30	Pass
		5825	7.84	6.96	10.43	<=30	Pass
802.11ac (VHT40)	MIMO	5190	10.52	7.35	12.23	<=23.98	Pass
		5230	10.42	6.96	12.04	<=23.98	Pass
		5755	8.93	8.13	11.56	<=30	Pass
		5795	8.21	7.55	10.90	<=30	Pass
802.11ac (VHT80)	MIMO	5210	10.58	7.39	12.28	<=23.98	Pass
		5775	8.73	8.05	11.41	<=30	Pass

Note1: Antenna Gain: Ant1: 2.30dBi; Ant2: 0.78dBi;
Note2: Directional Gain: 4.62dBi

3.1.2 Test Result for IC

Mode	TX Type	Frequency (MHz)	Conducted Output Power (dBm)			E.I.R.P (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO		
802.11a	SISO	5180	10.51	8.22	/	12.81	9.00	/	<=23.01	Pass
		5200	10.69	8.45	/	12.99	9.23	/	<=23.01	Pass
		5240	10.81	8.03	/	13.11	8.81	/	<=23.01	Pass
		5745	9.70	8.68	/	/	/	/	<=30	Pass
		5785	9.28	8.07	/	/	/	/	<=30	Pass



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		5825	8.98	7.94	/	/	/	/	<=30	Pass
802.11n (HT20)	MIMO	5180	9.41	7.39	13.30	11.71	8.17	13.30	<=23.01	Pass
		5200	9.44	7.23	13.27	11.74	8.01	13.27	<=23.01	Pass
		5240	9.47	6.89	13.20	11.77	7.67	13.20	<=23.01	Pass
		5745	8.66	7.82	12.95	/	/	/	<=30	Pass
		5785	8.09	7.25	12.38	/	/	/	<=30	Pass
		5825	7.71	6.83	11.98	/	/	/	<=30	Pass
802.11n (HT40)	MIMO	5190	10.58	7.32	14.13	12.88	8.10	14.13	<=23.01	Pass
		5230	10.40	7.17	13.95	12.70	7.95	13.95	<=23.01	Pass
		5755	8.95	8.16	13.26	/	/	/	<=30	Pass
		5795	8.21	7.47	12.54	/	/	/	<=30	Pass
802.11ac (VHT20)	MIMO	5180	9.42	7.49	13.34	11.72	8.27	13.34	<=23.01	Pass
		5200	9.41	7.34	13.29	11.71	8.12	13.29	<=23.01	Pass
		5240	9.37	7.03	13.17	11.67	7.81	13.17	<=23.01	Pass
		5745	8.43	7.85	12.82	/	/	/	<=30	Pass
		5785	7.97	7.20	12.28	/	/	/	<=30	Pass
		5825	7.84	6.96	12.11	/	/	/	<=30	Pass
802.11ac (VHT40)	MIMO	5190	10.52	7.35	14.09	12.82	8.13	14.09	<=23.01	Pass
		5230	10.42	6.96	13.92	12.72	7.74	13.92	<=23.01	Pass
		5755	8.93	8.13	13.23	/	/	/	<=30	Pass
		5795	8.21	7.55	12.57	/	/	/	<=30	Pass
802.11ac (VHT80)	MIMO	5210	10.58	7.39	14.14	12.88	8.17	14.14	<=23.01	Pass
		5775	8.73	8.05	13.08	/	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.30dBi; Ant2: 0.78dBi; Note2: E.I.R.P = Measured Power + Antenna Gain Note3: Directional Gain: 4.62dBi										



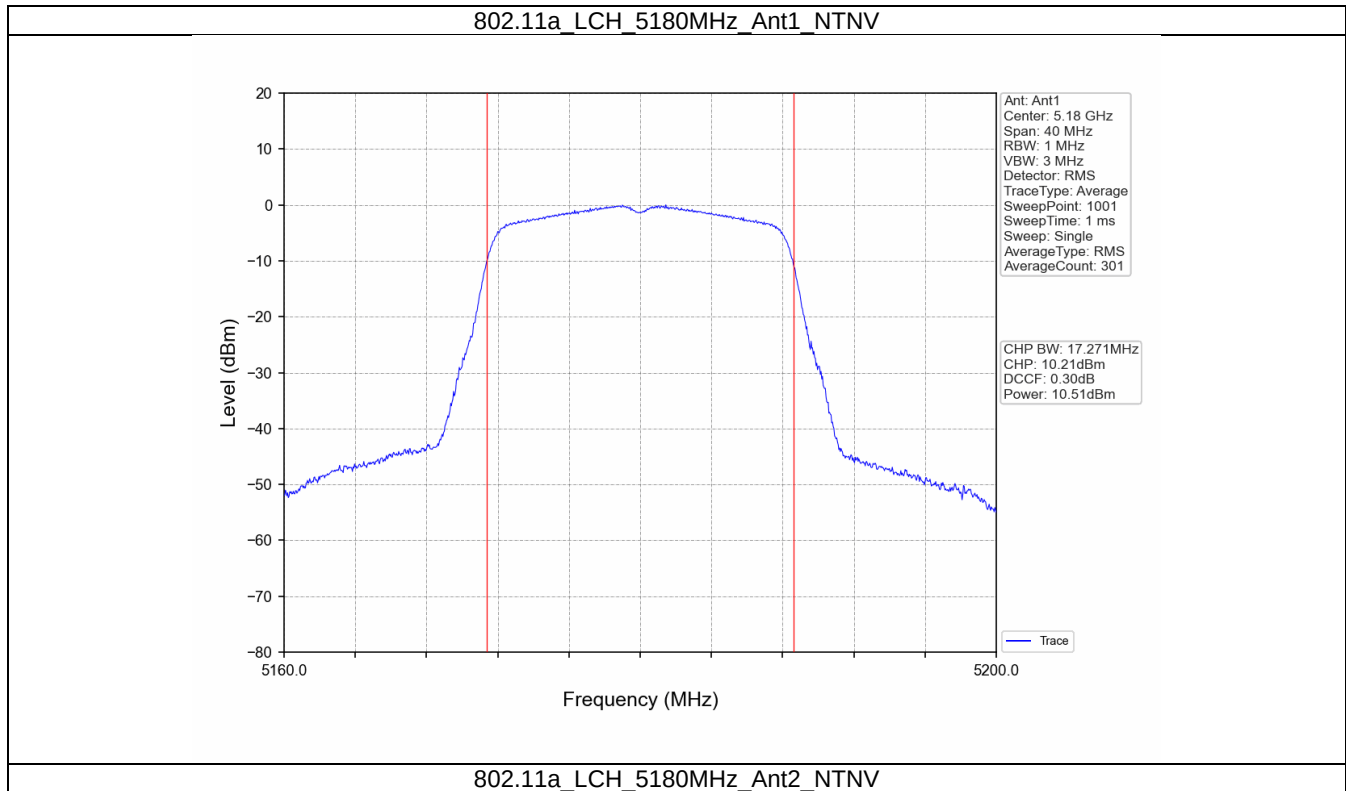
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3.1.3 Test Graph



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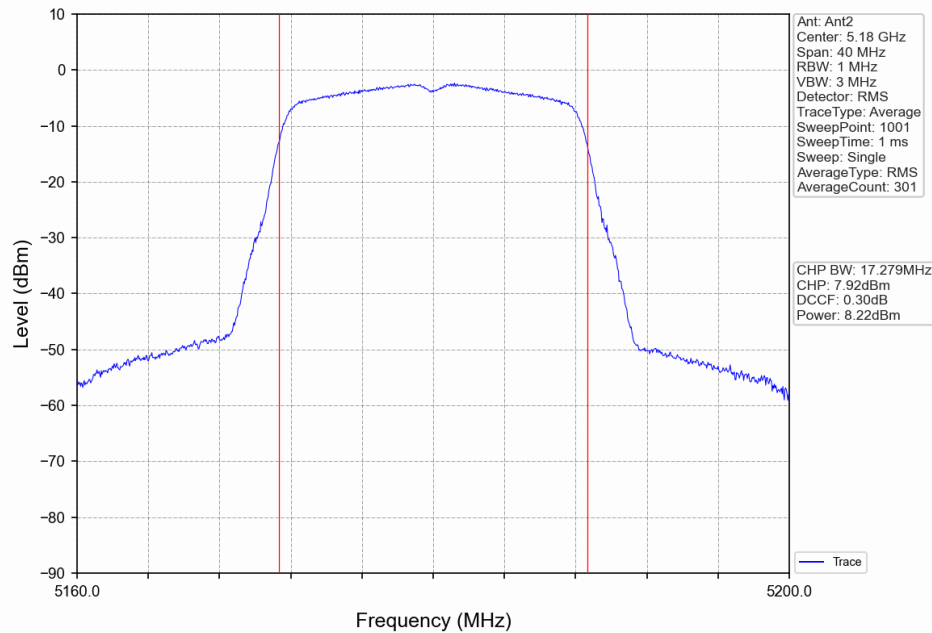
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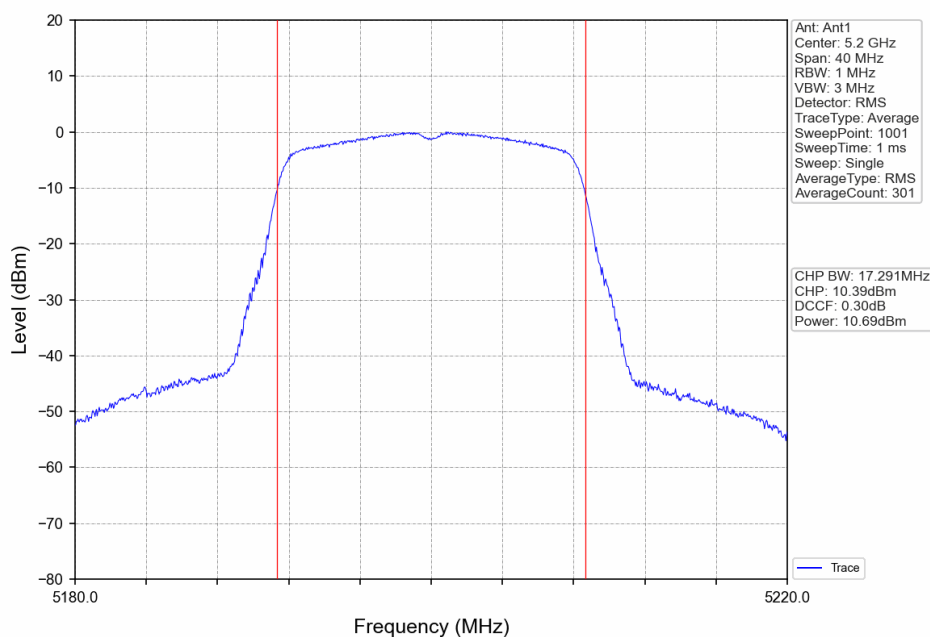
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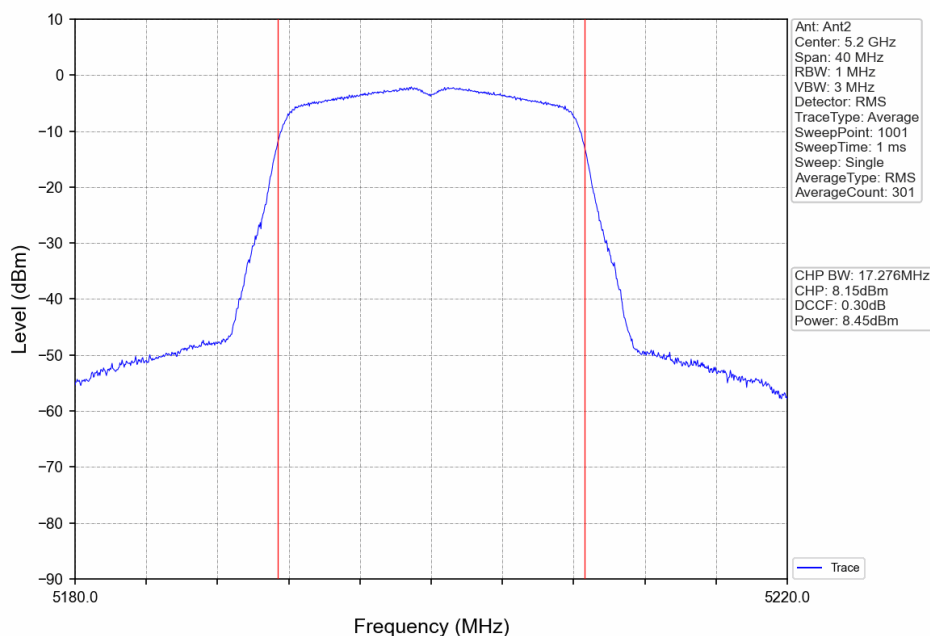
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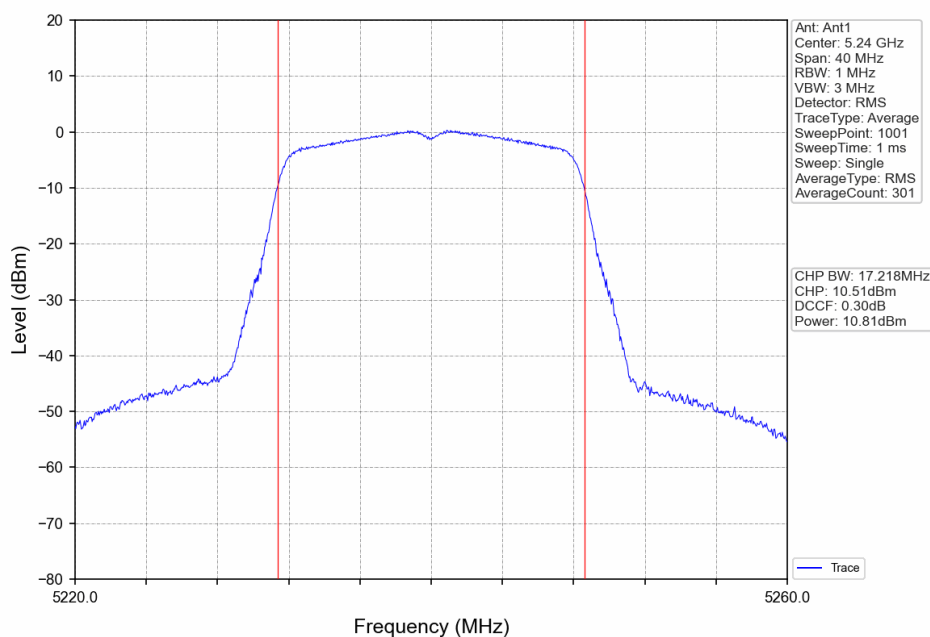
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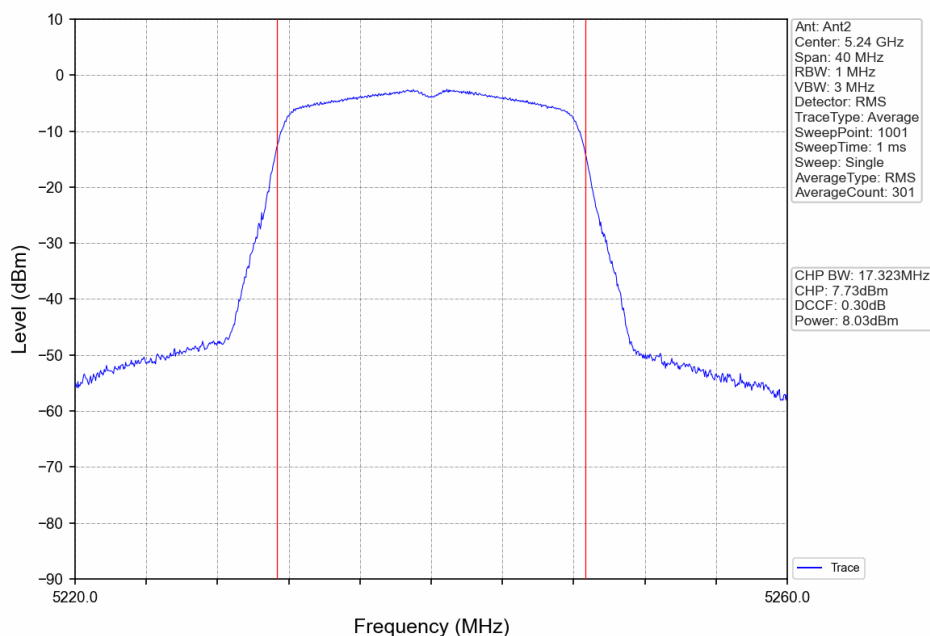
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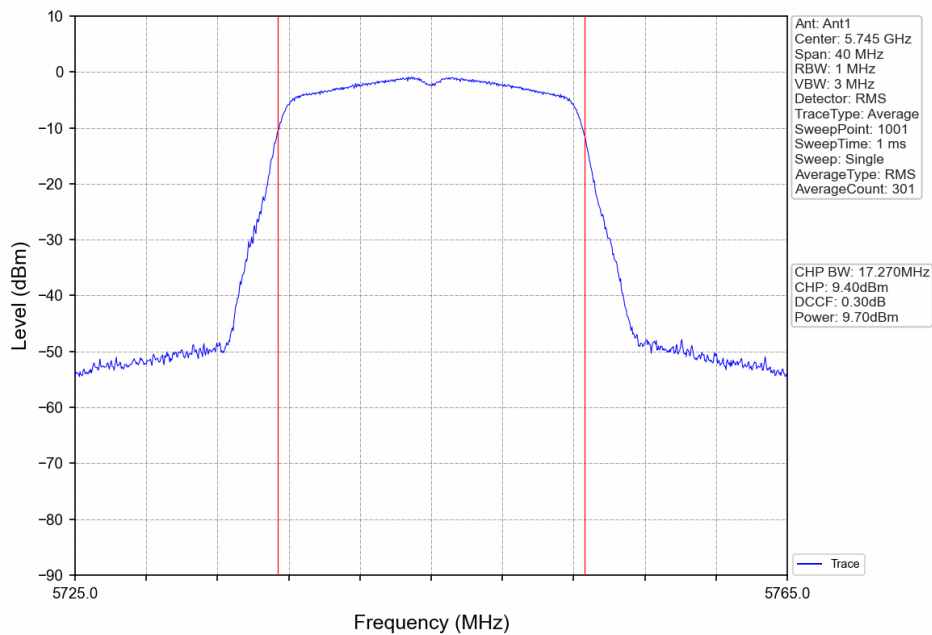
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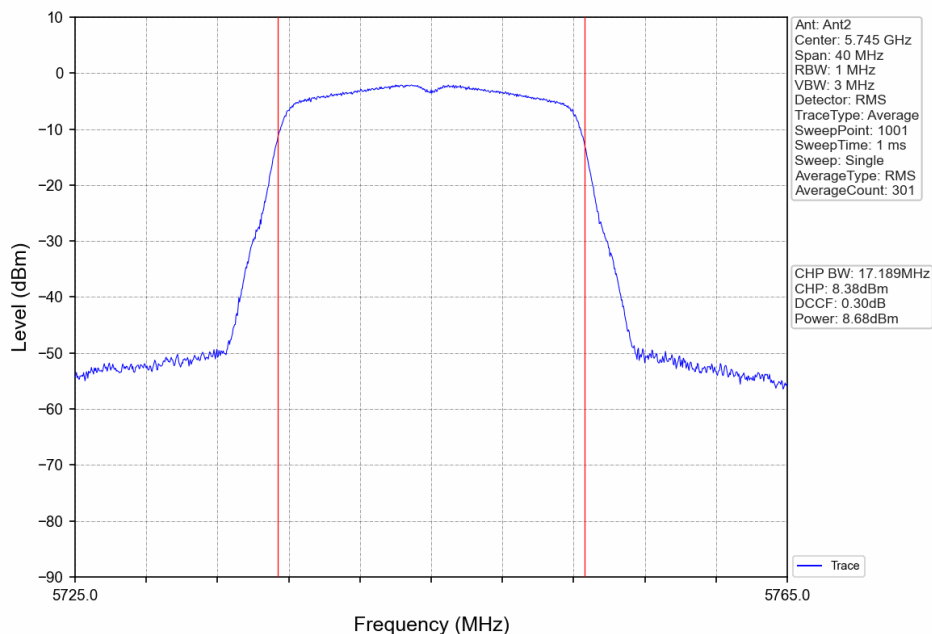
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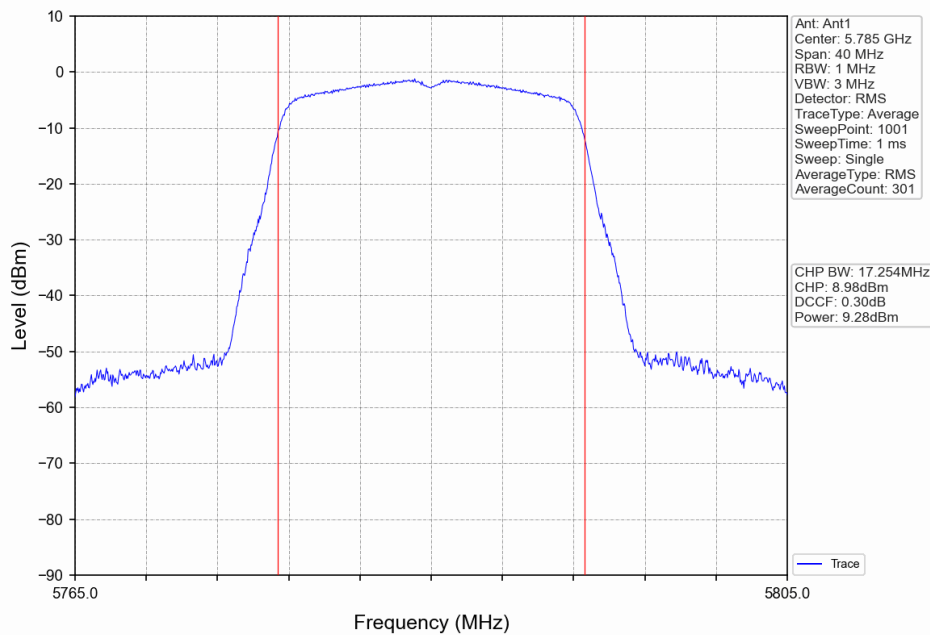
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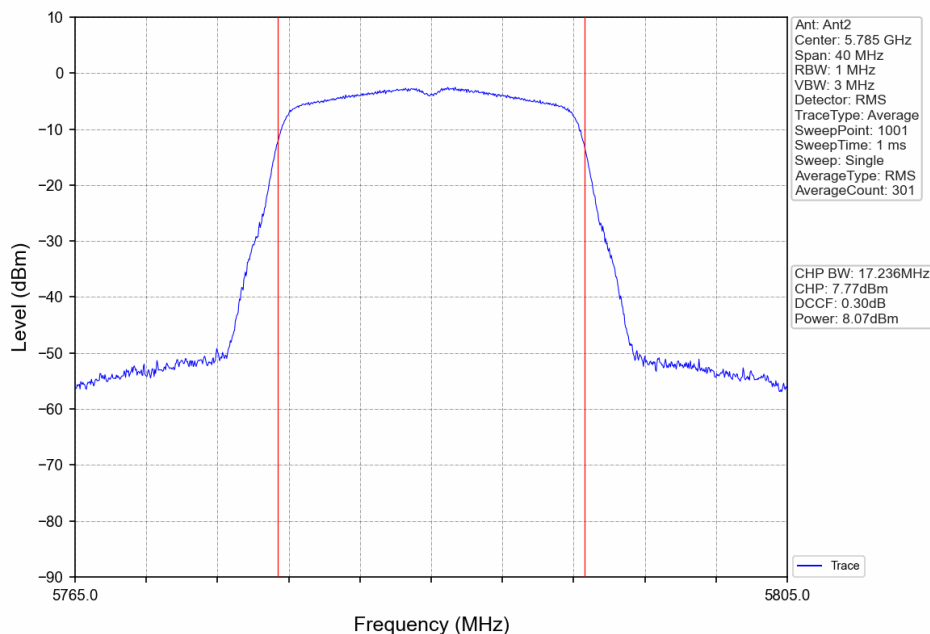
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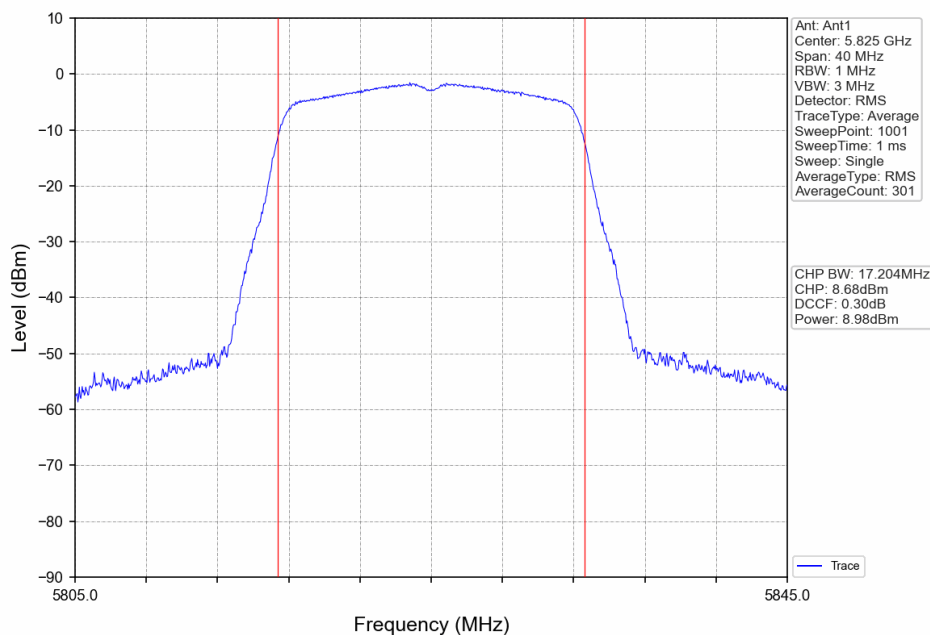
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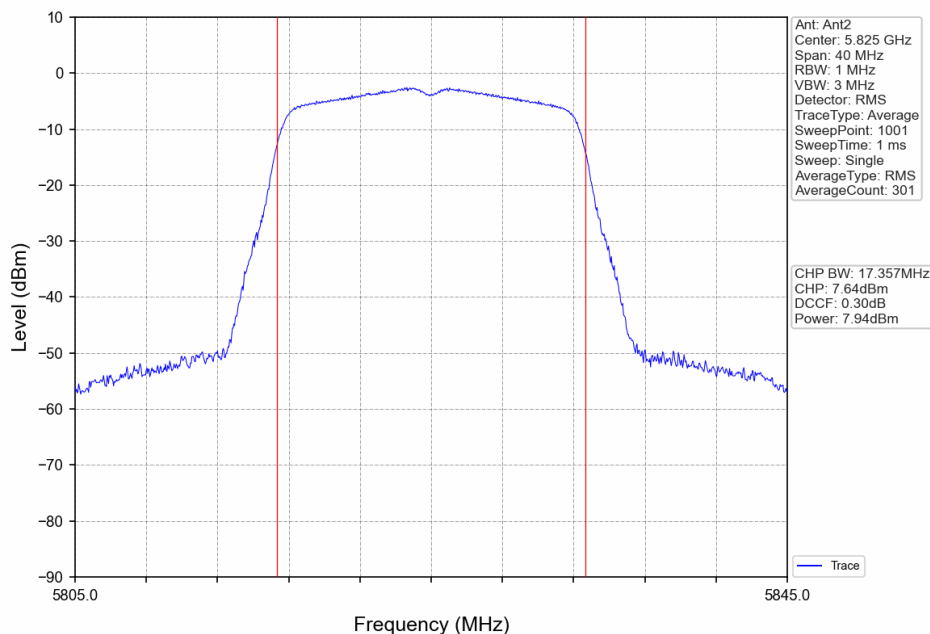
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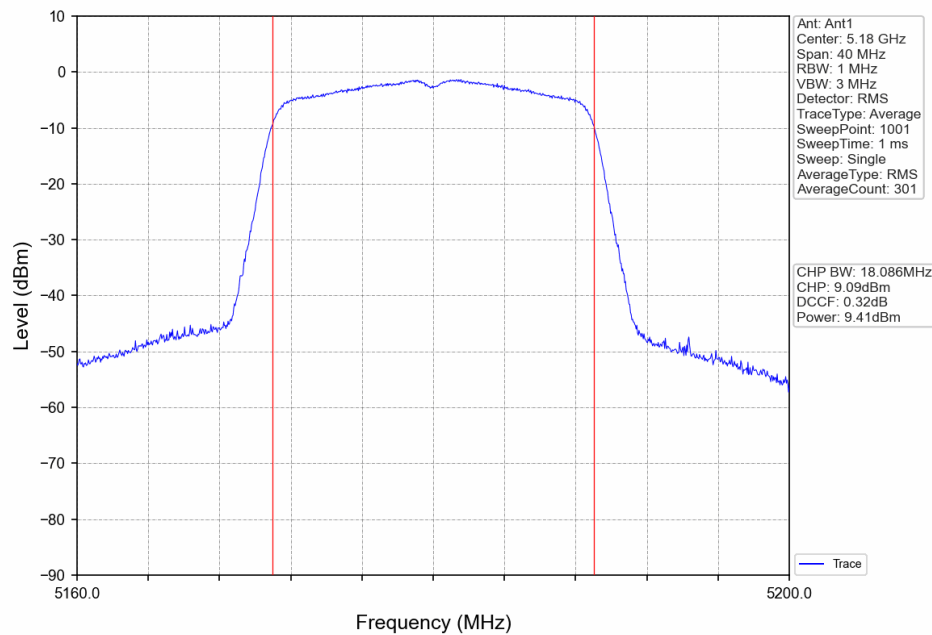
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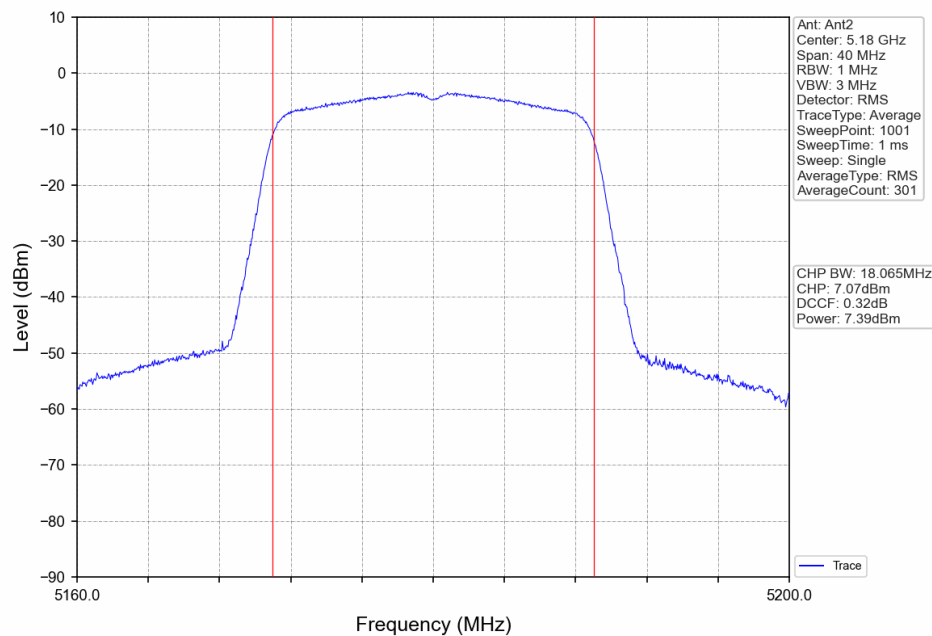
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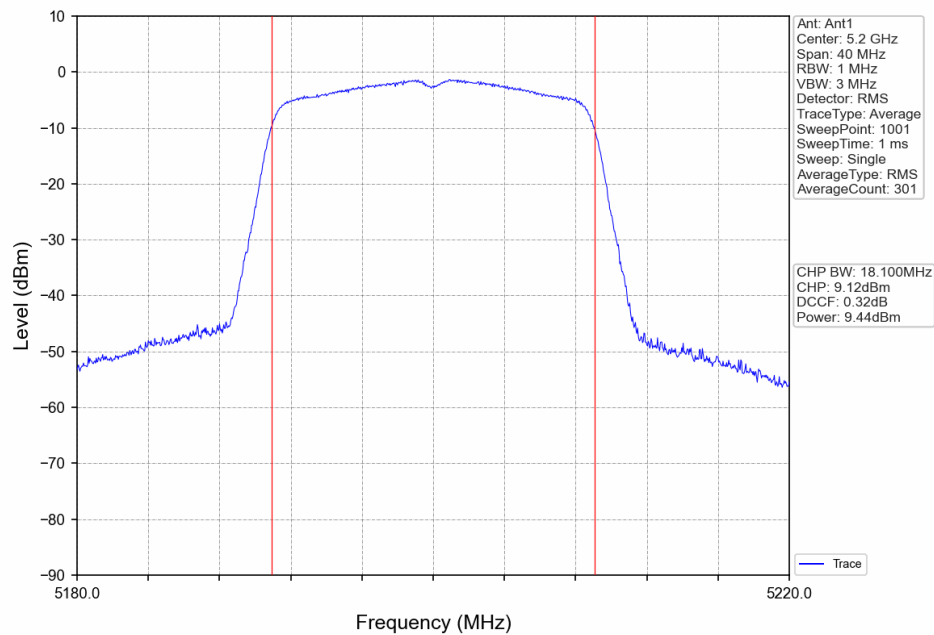
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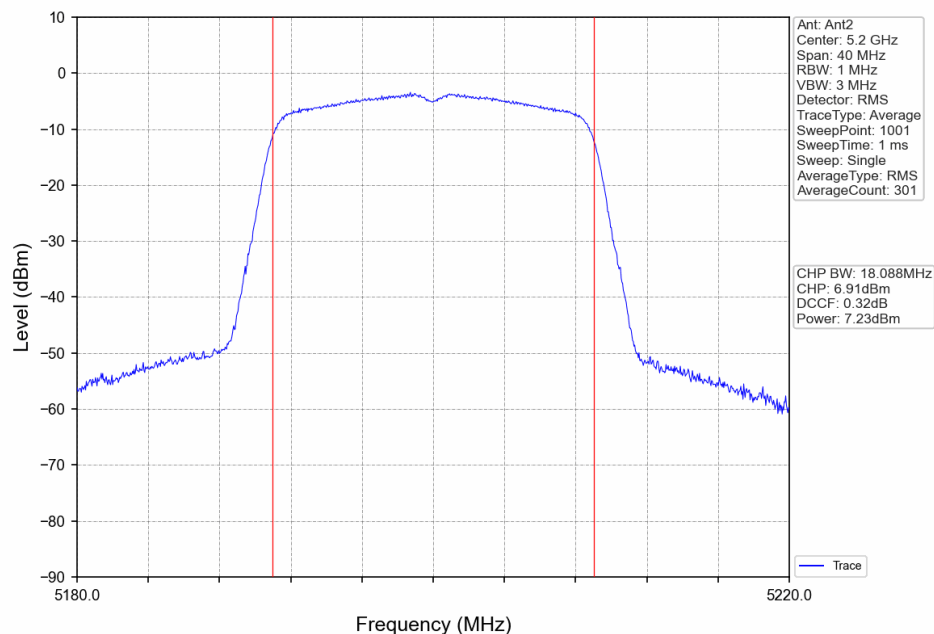
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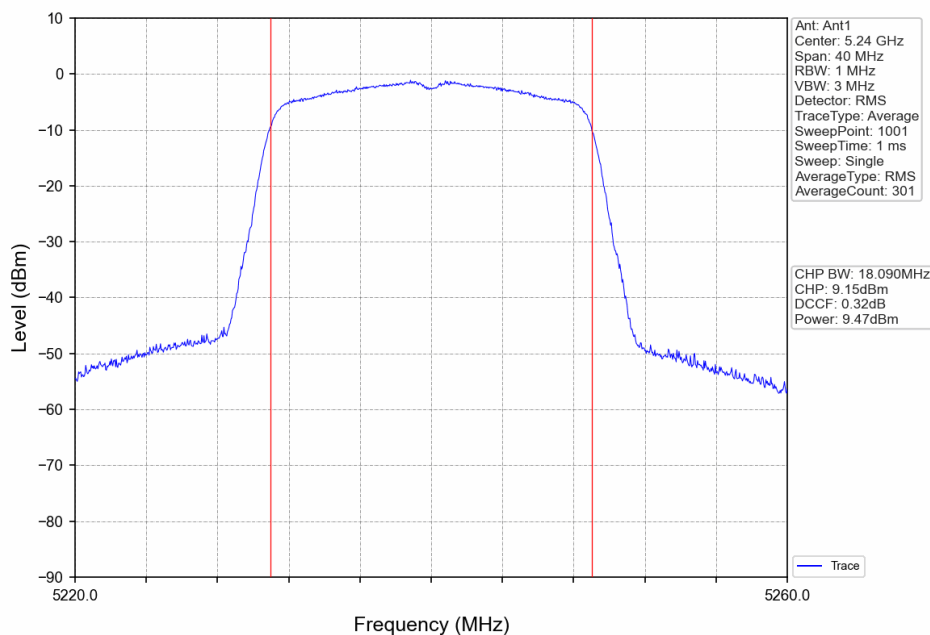
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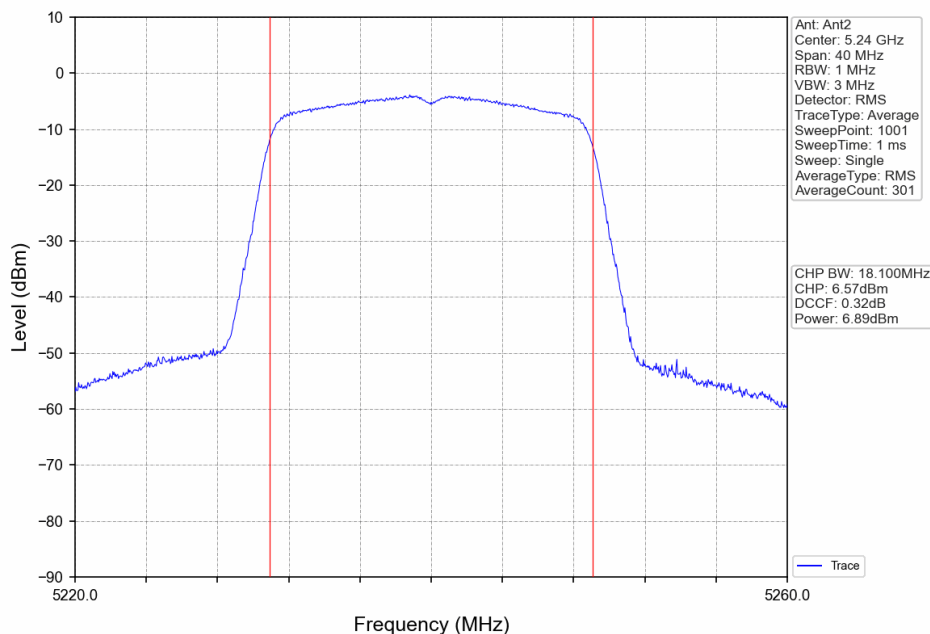
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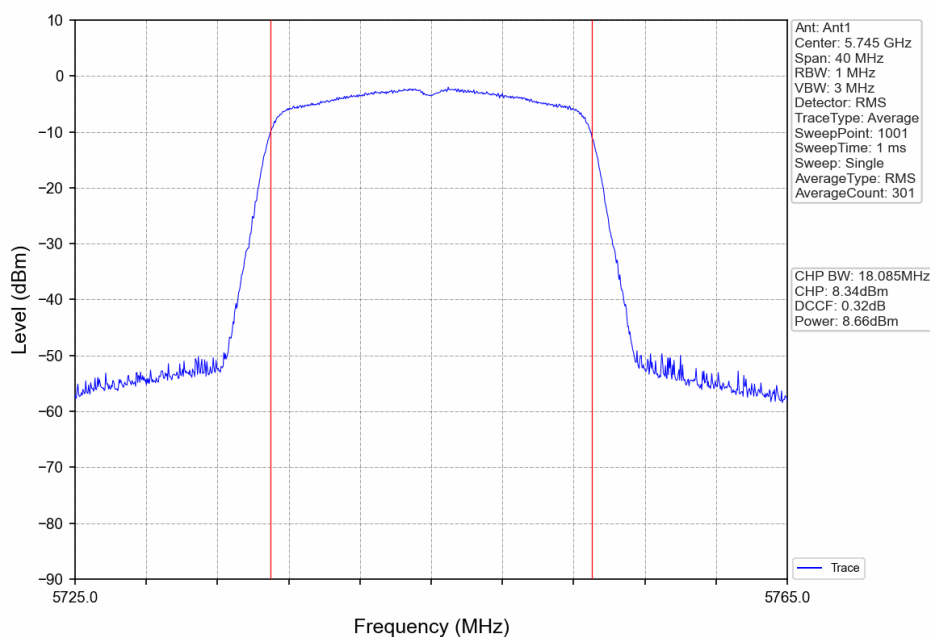
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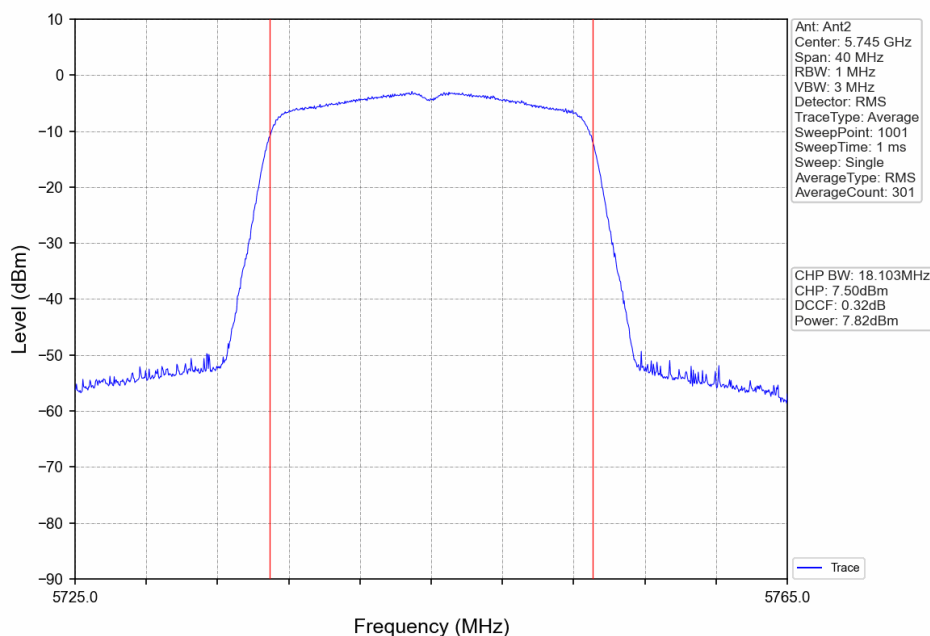
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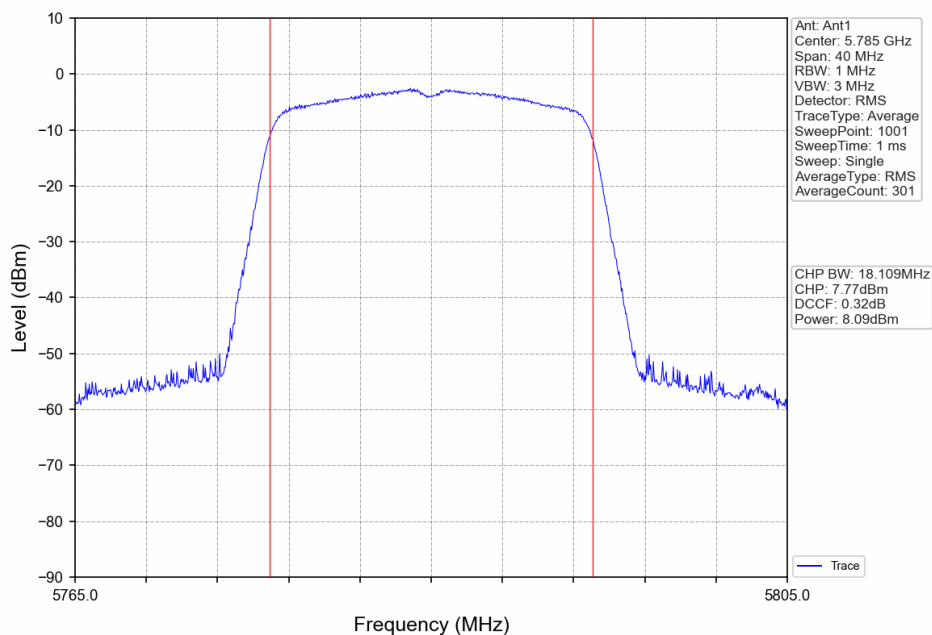
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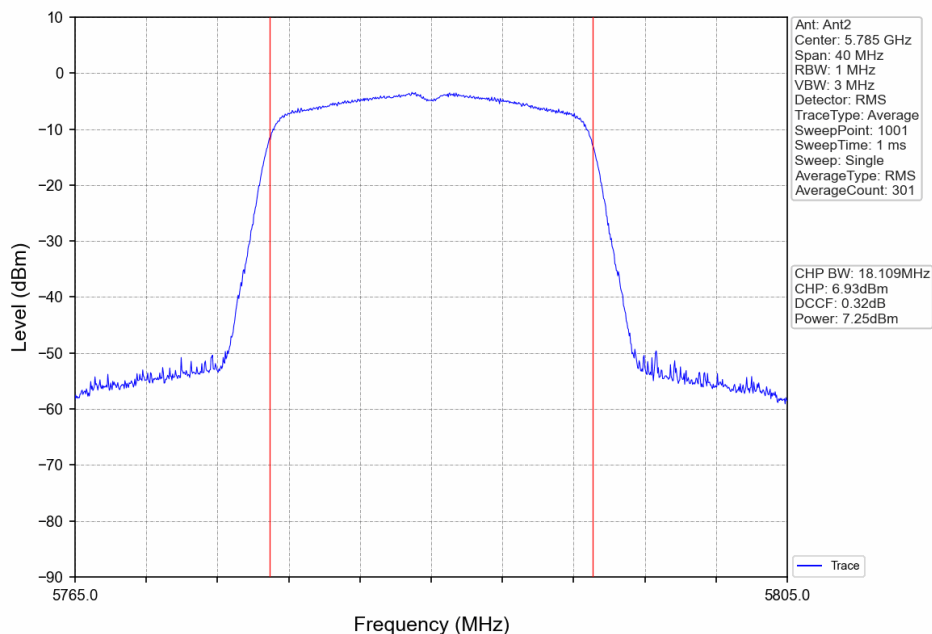
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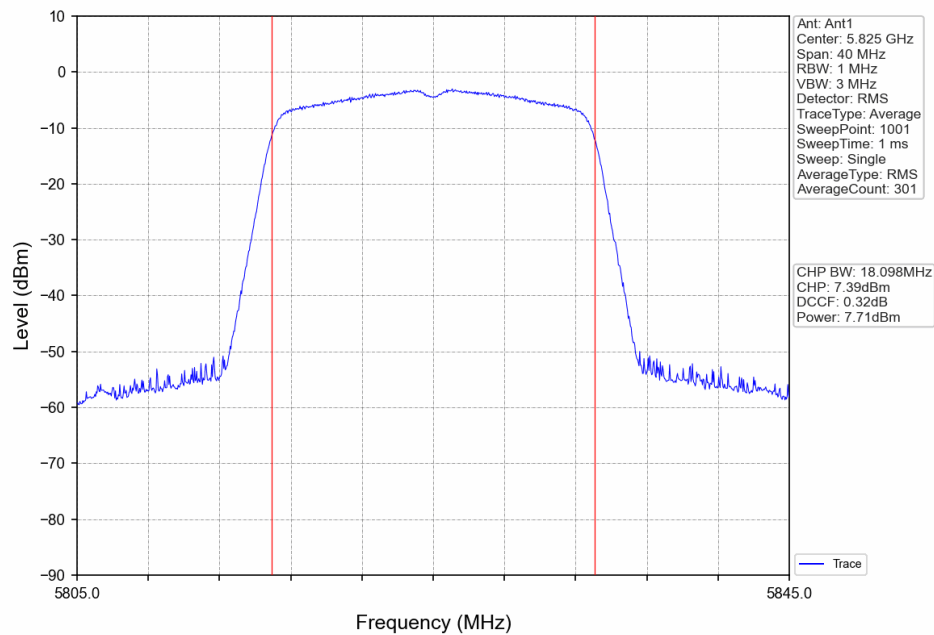
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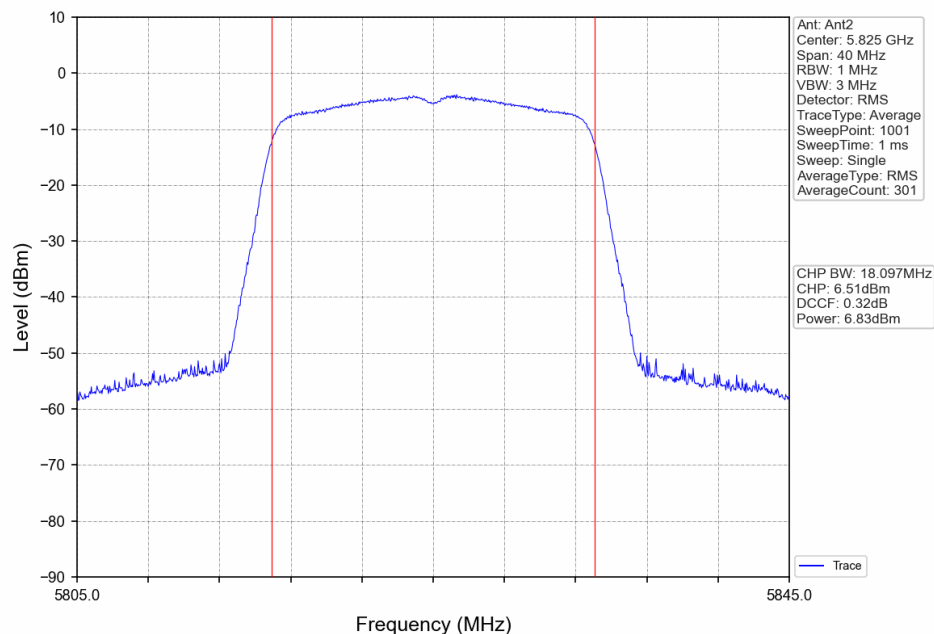
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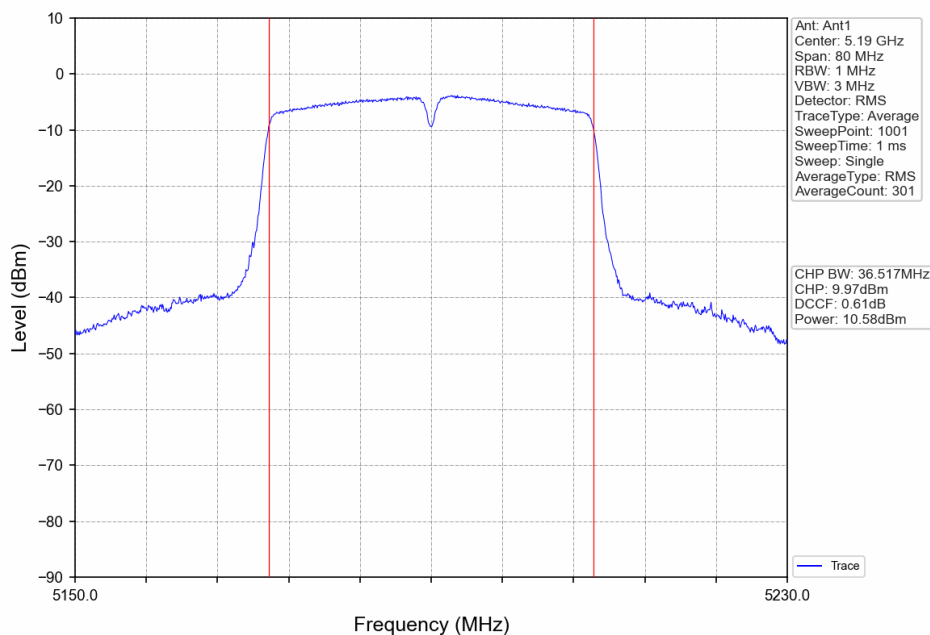
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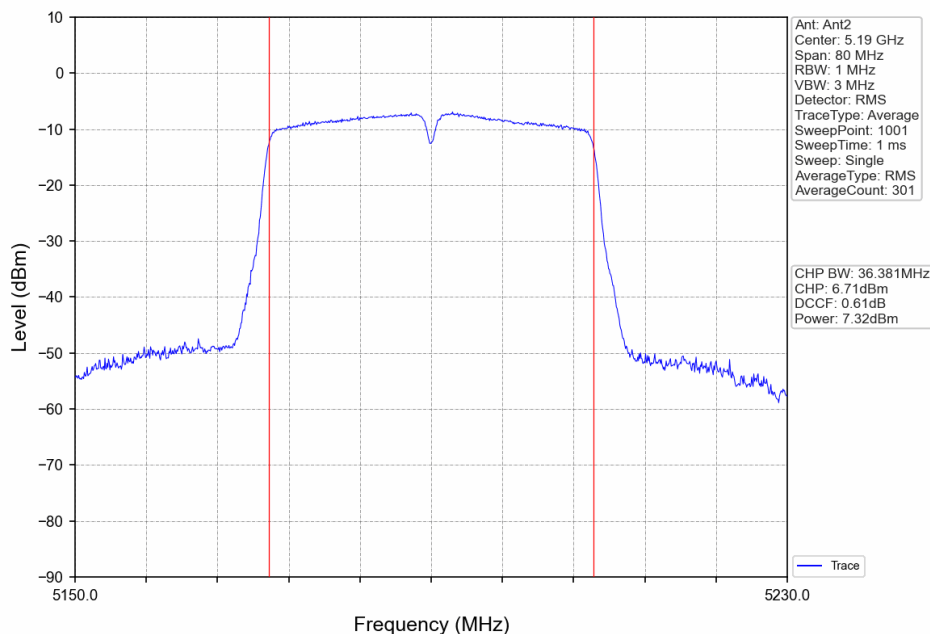
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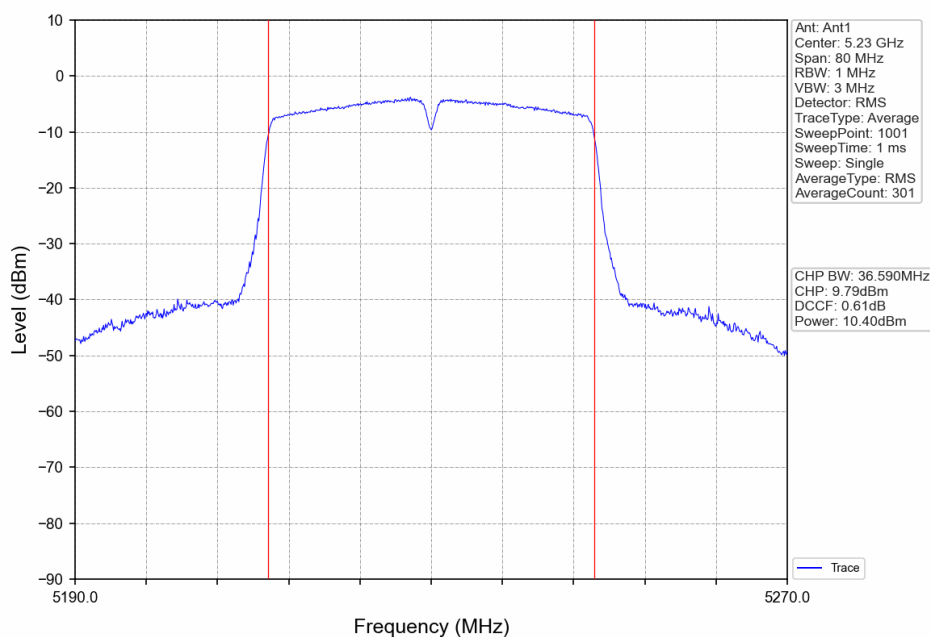
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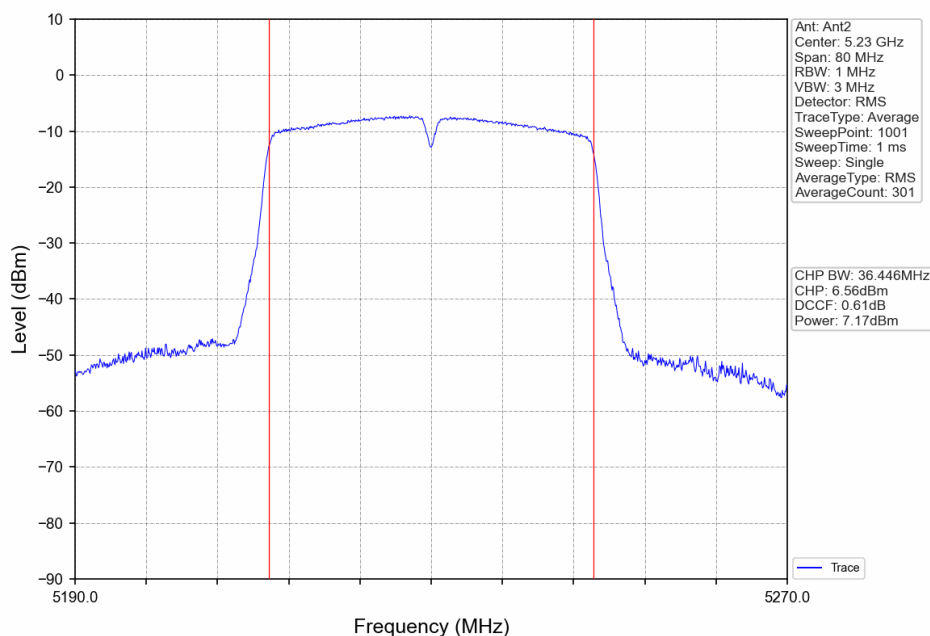
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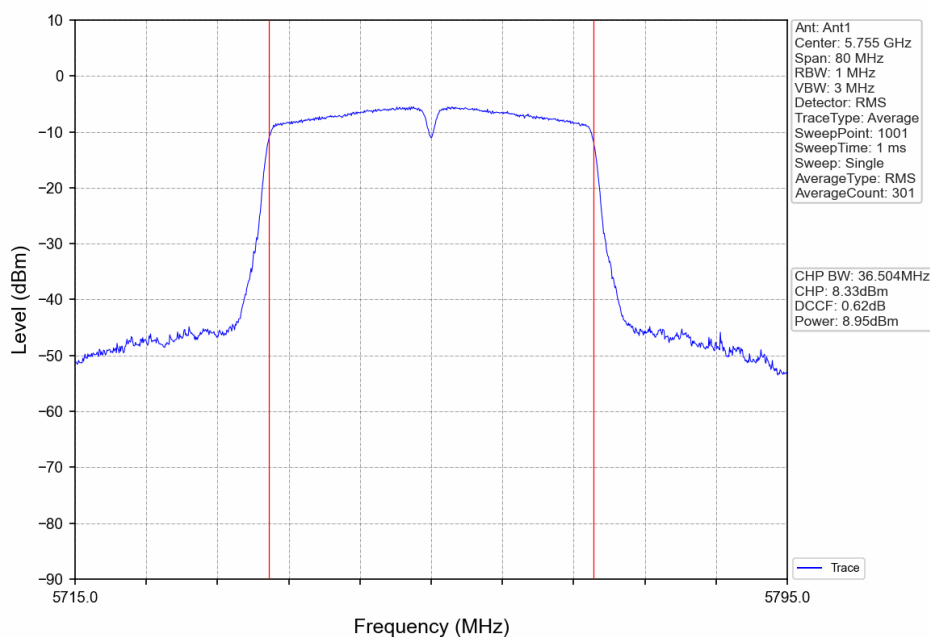
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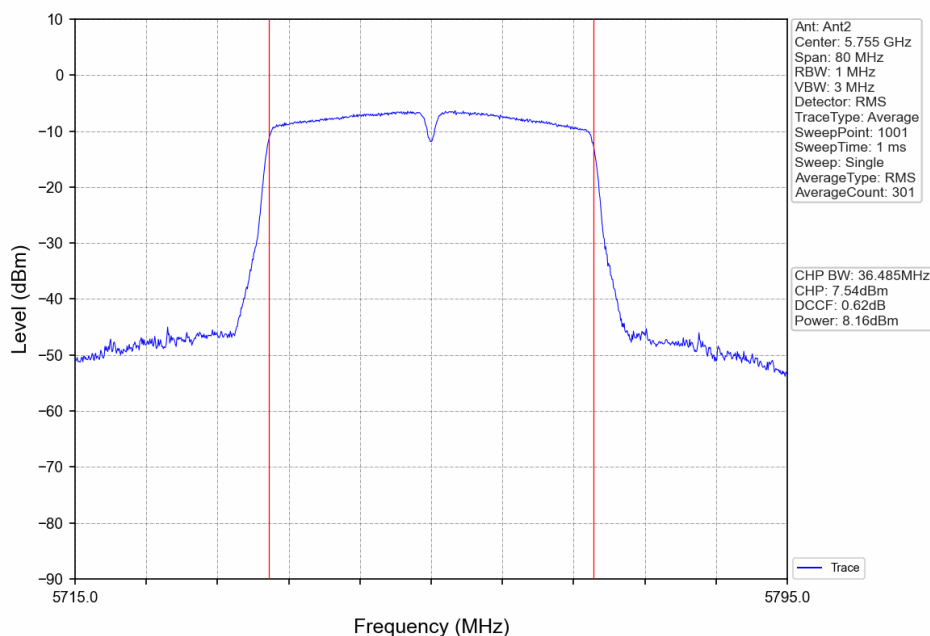
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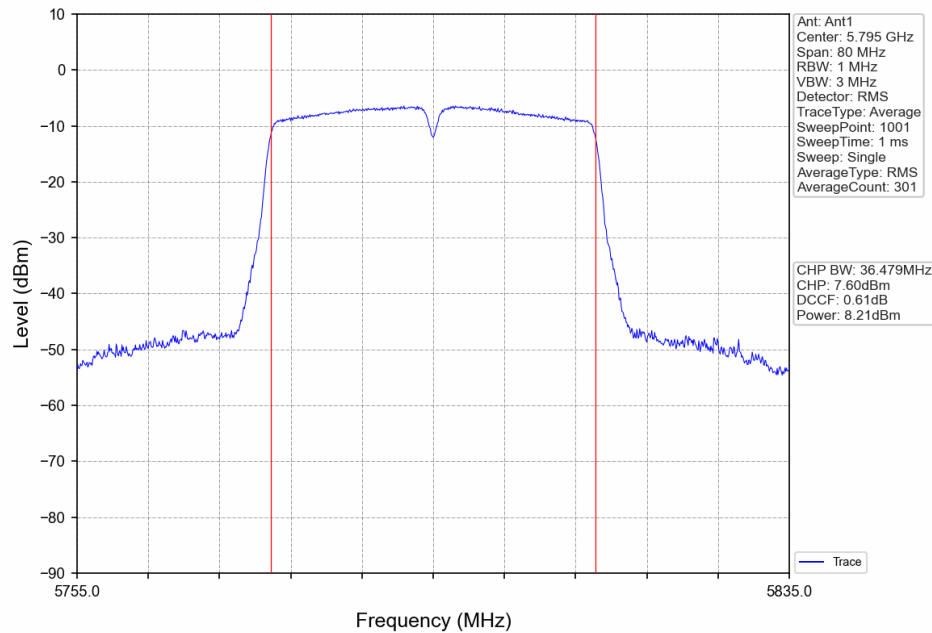
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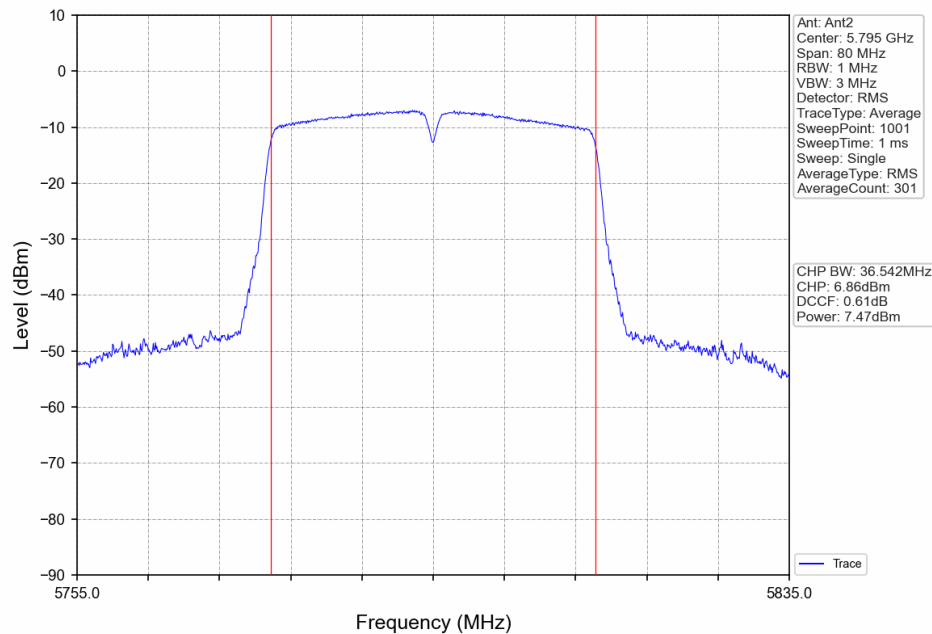
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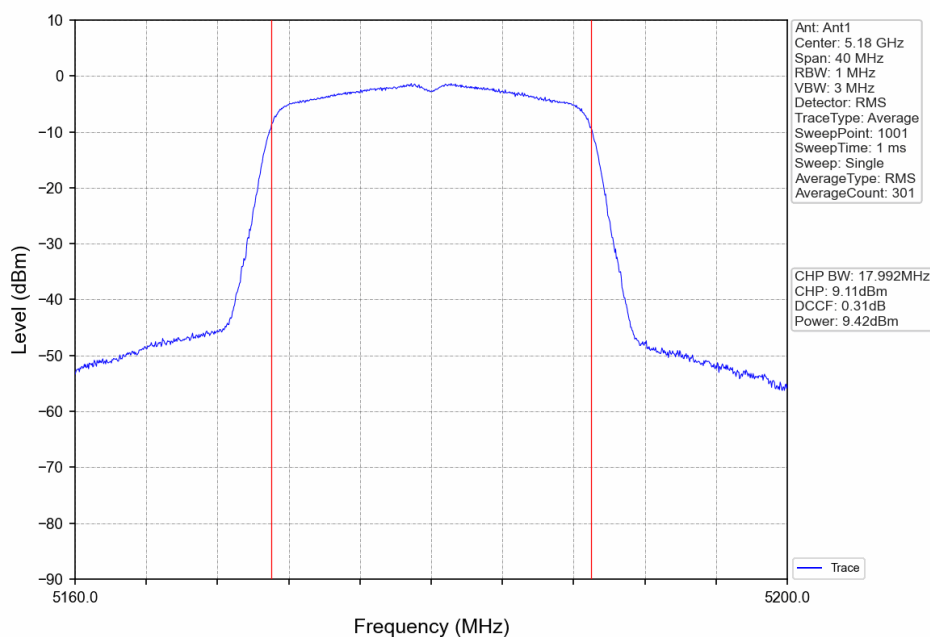
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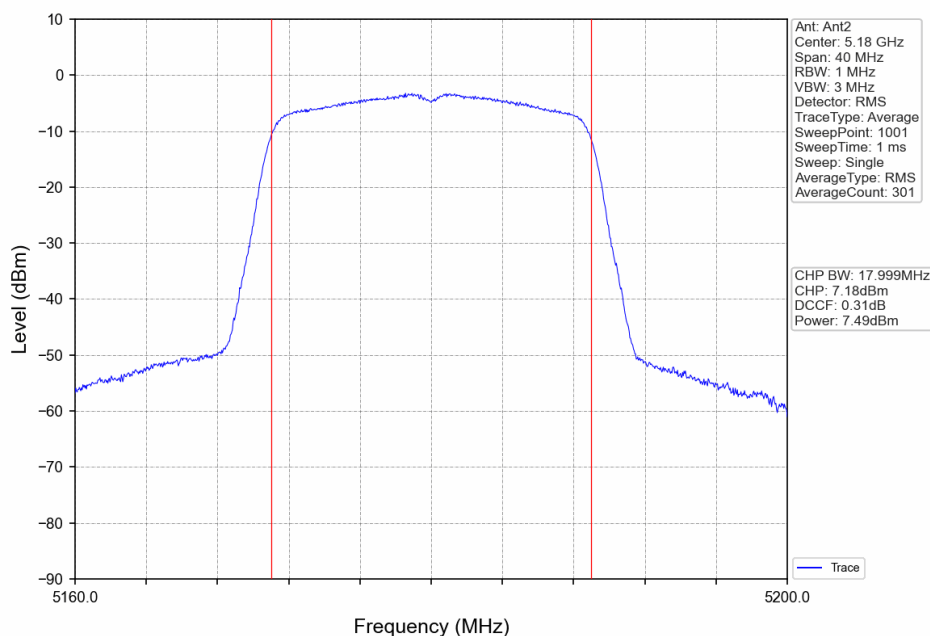
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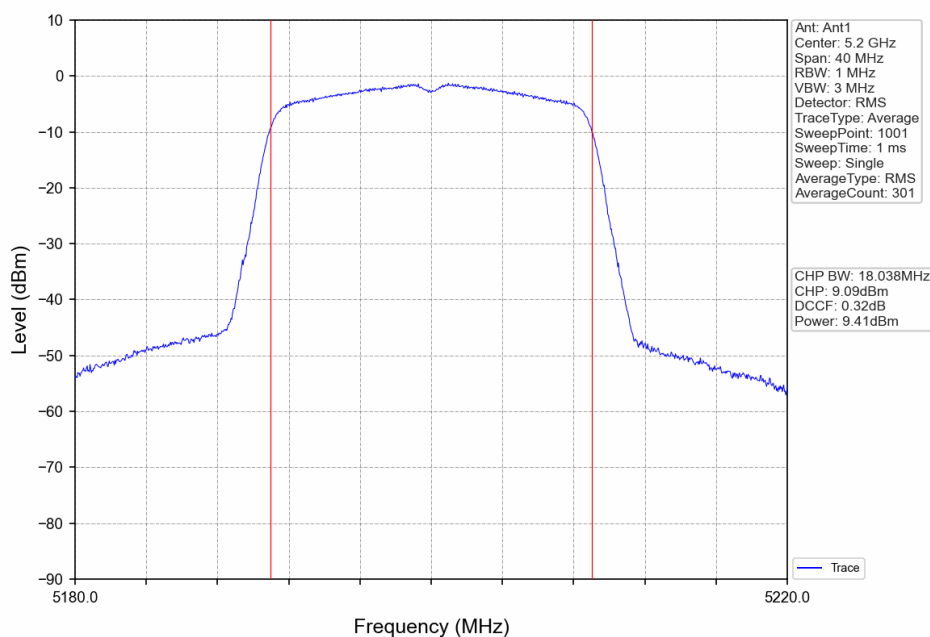
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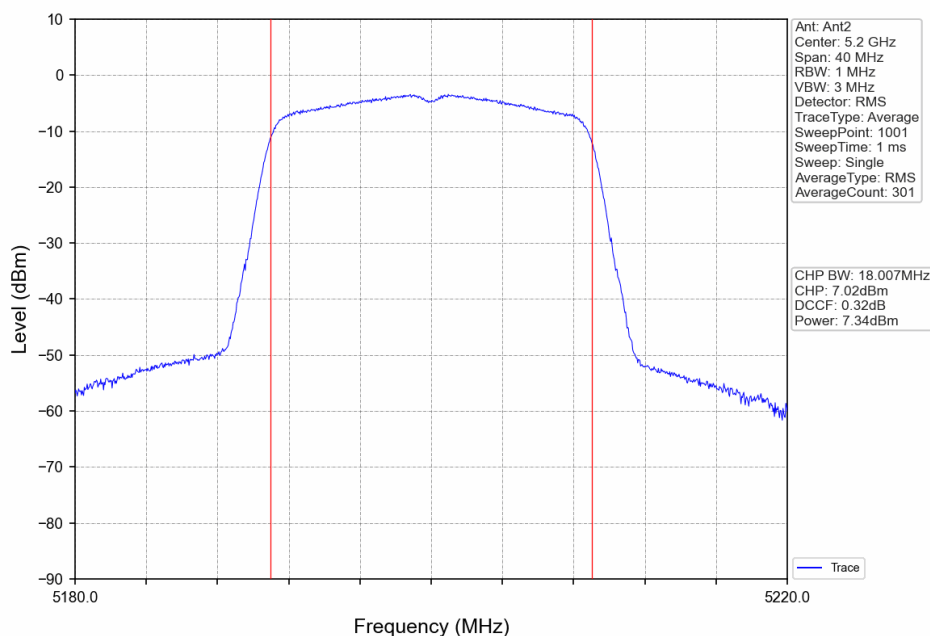
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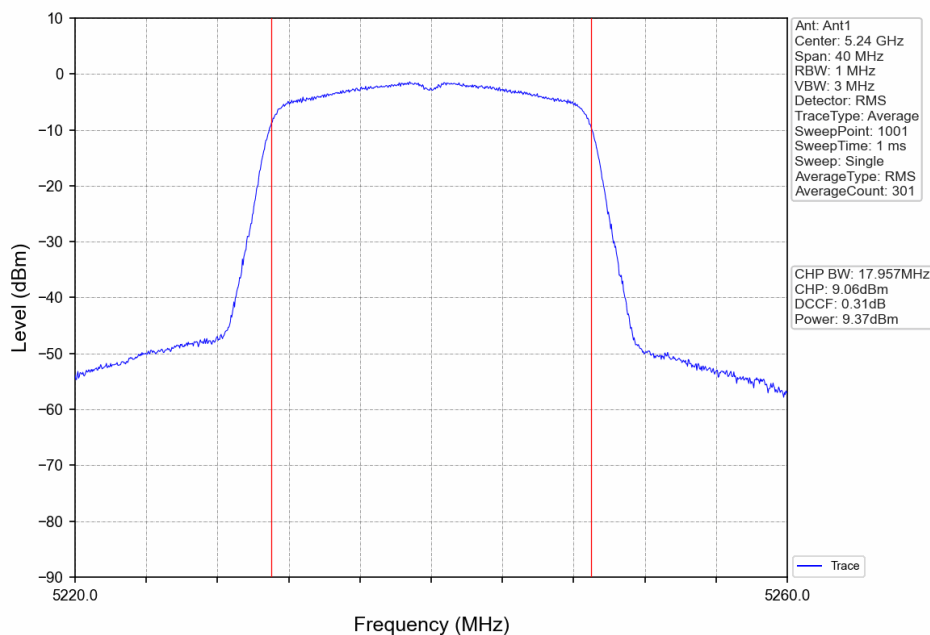
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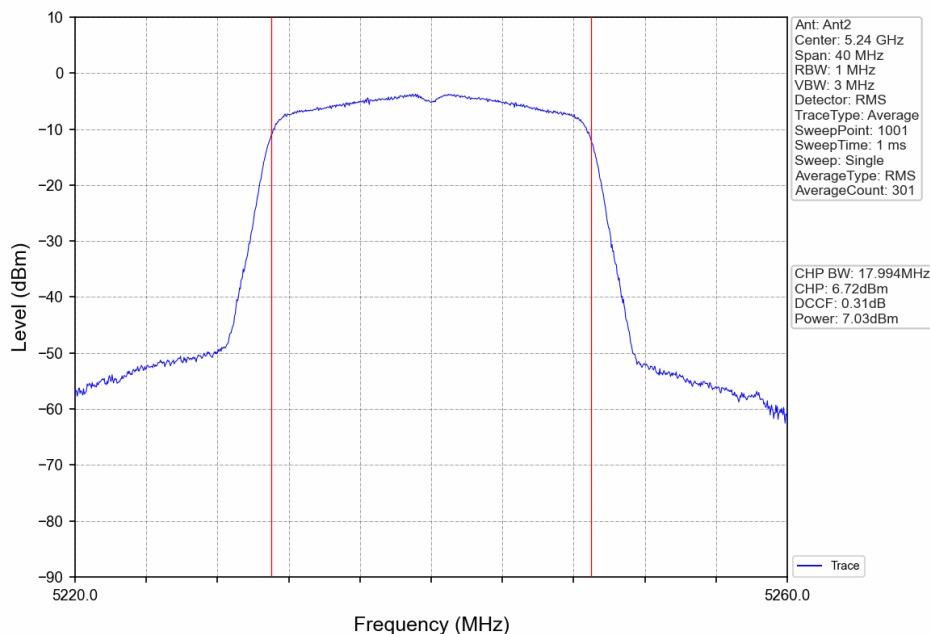
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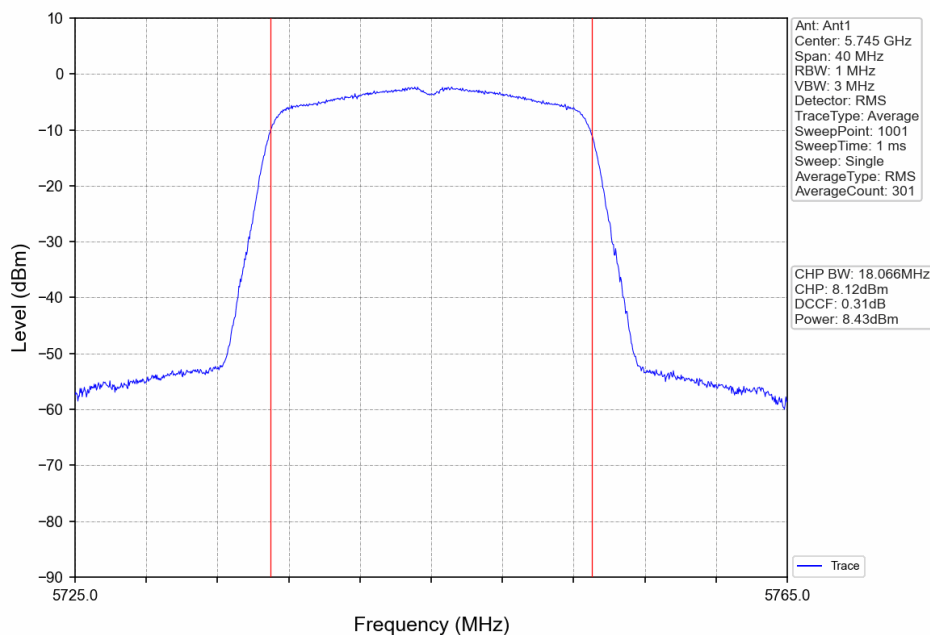
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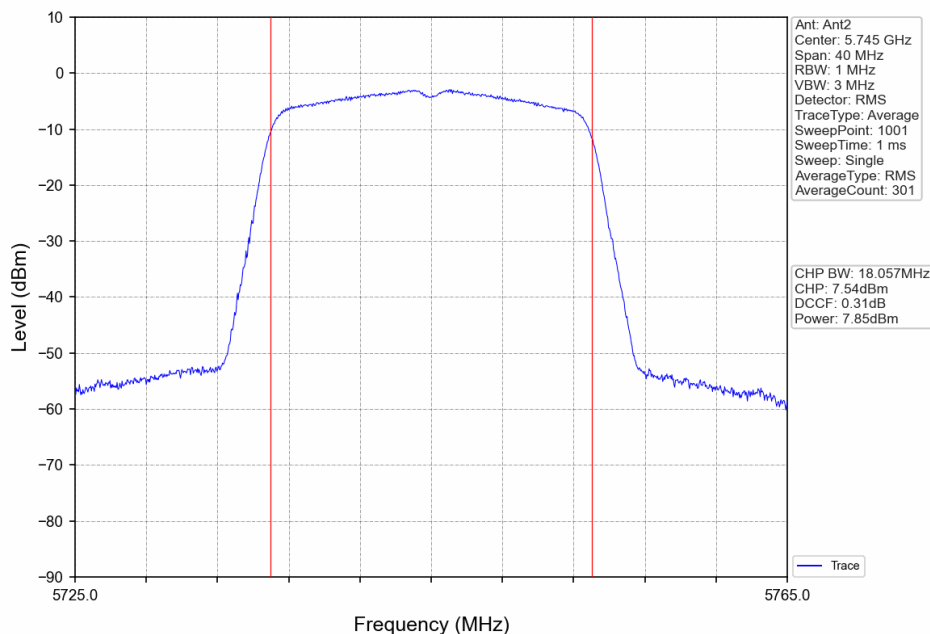
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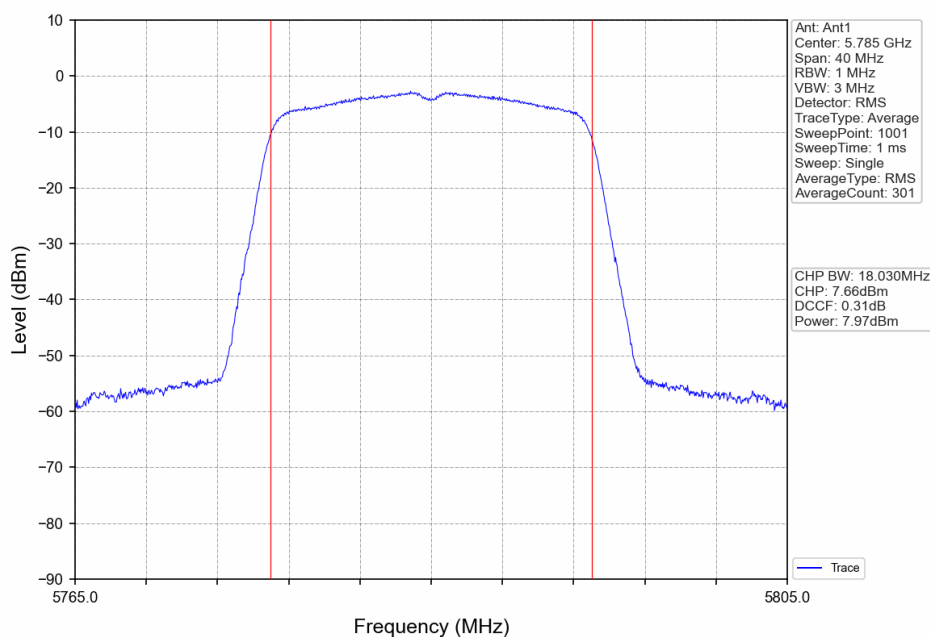
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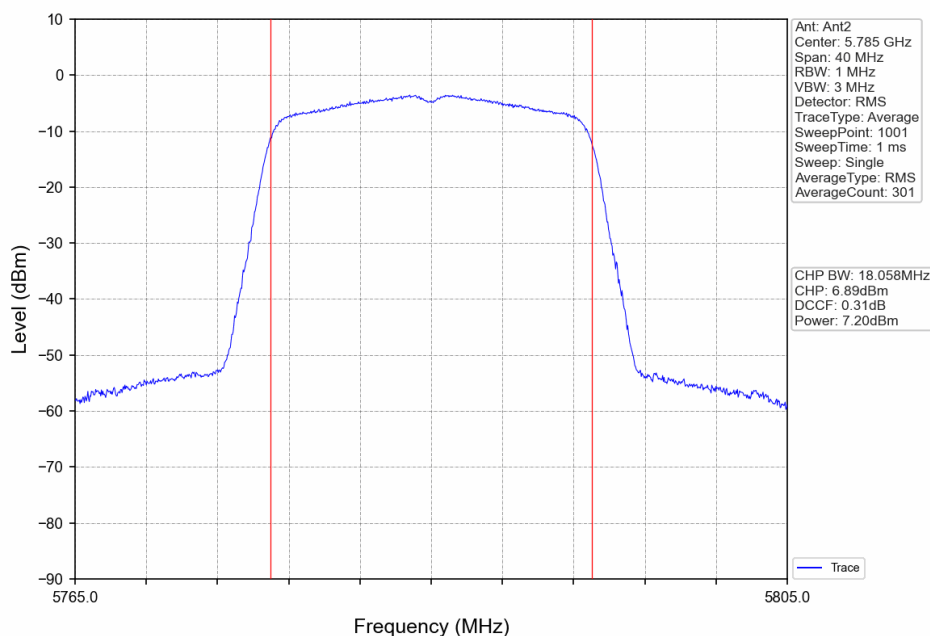
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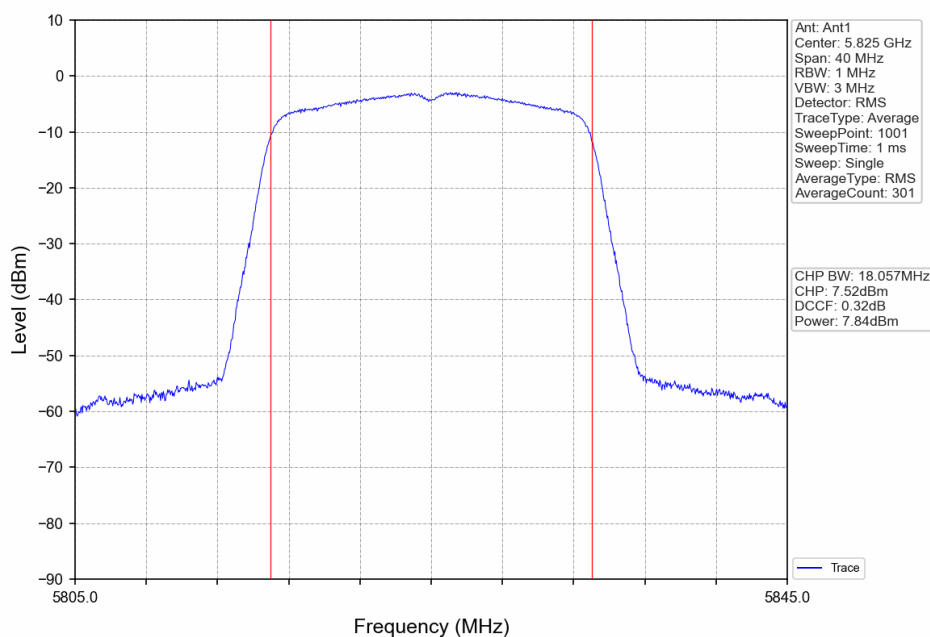
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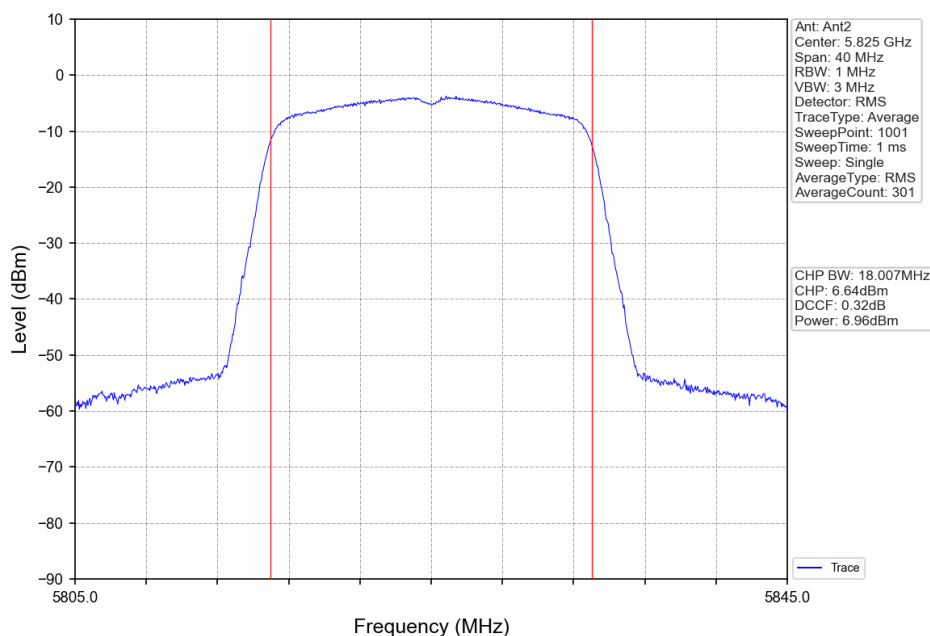
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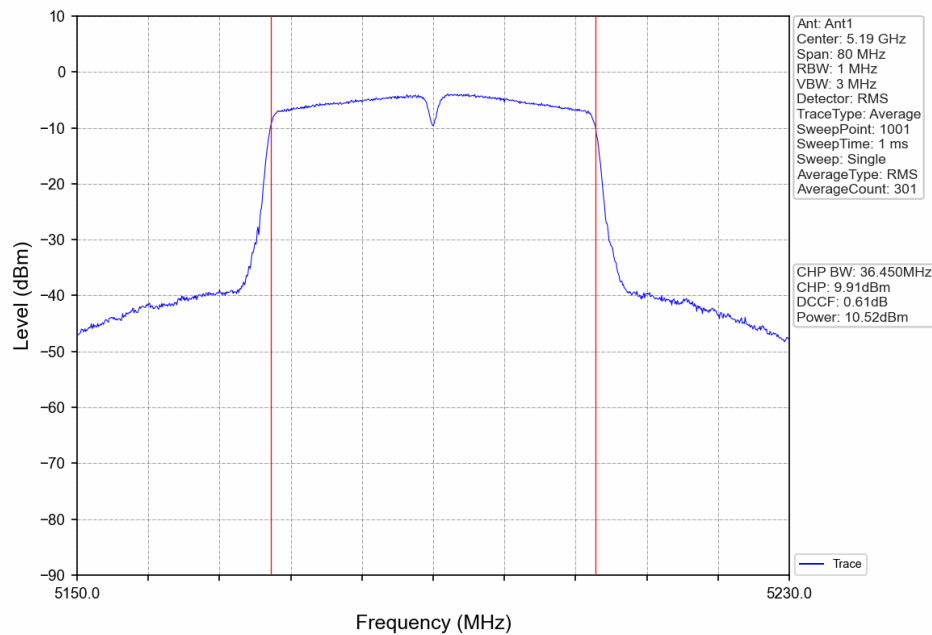
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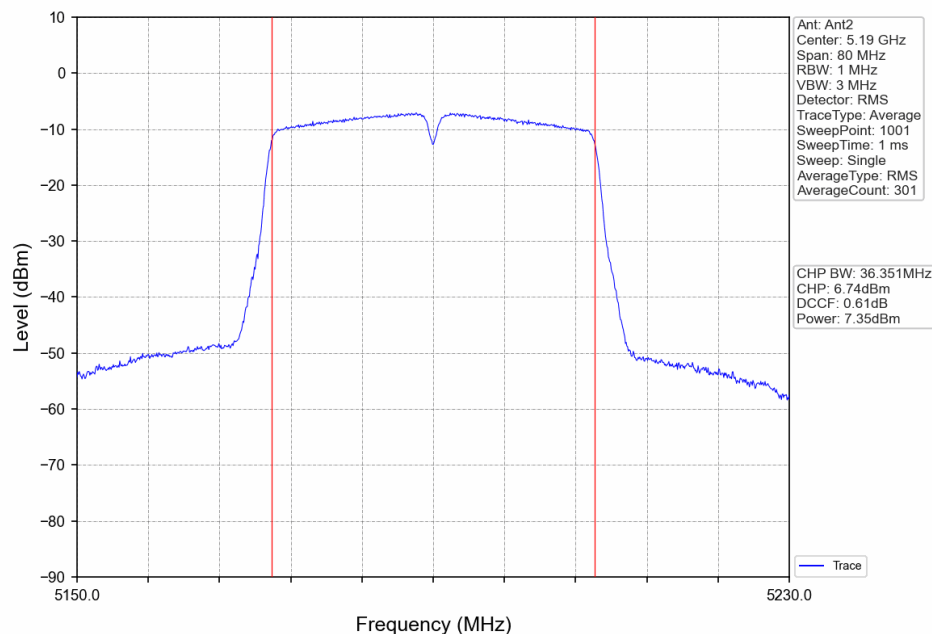
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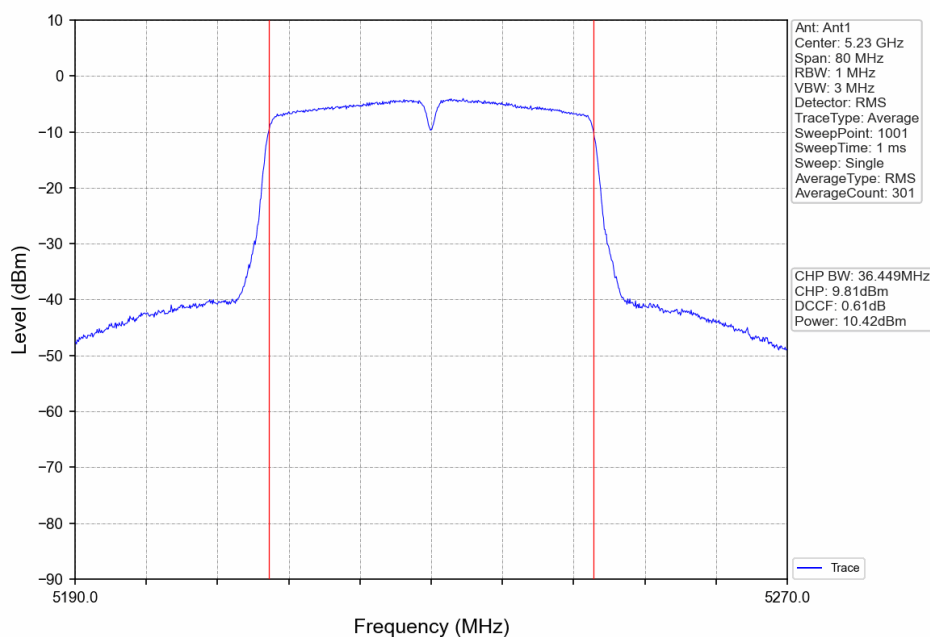
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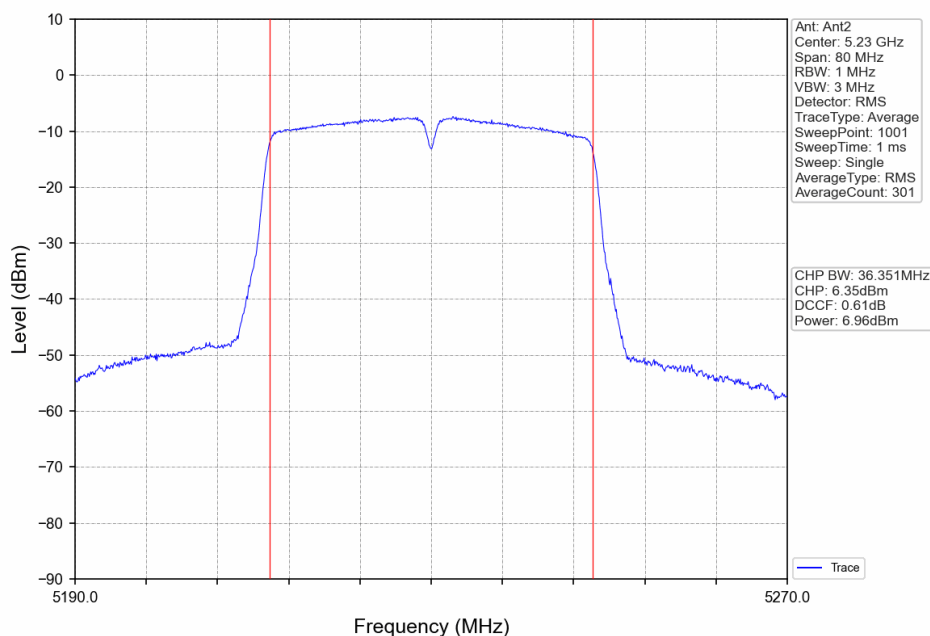
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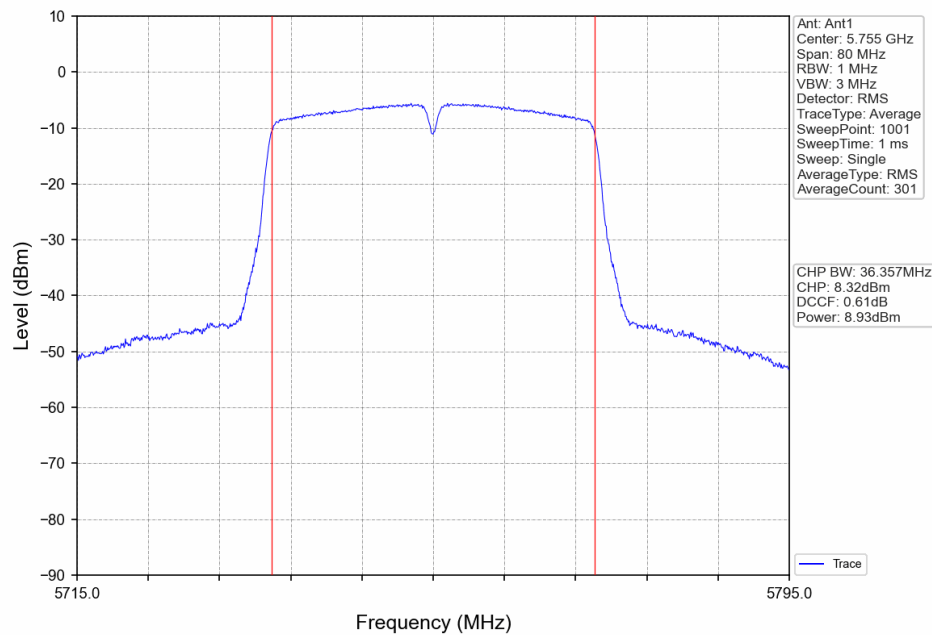
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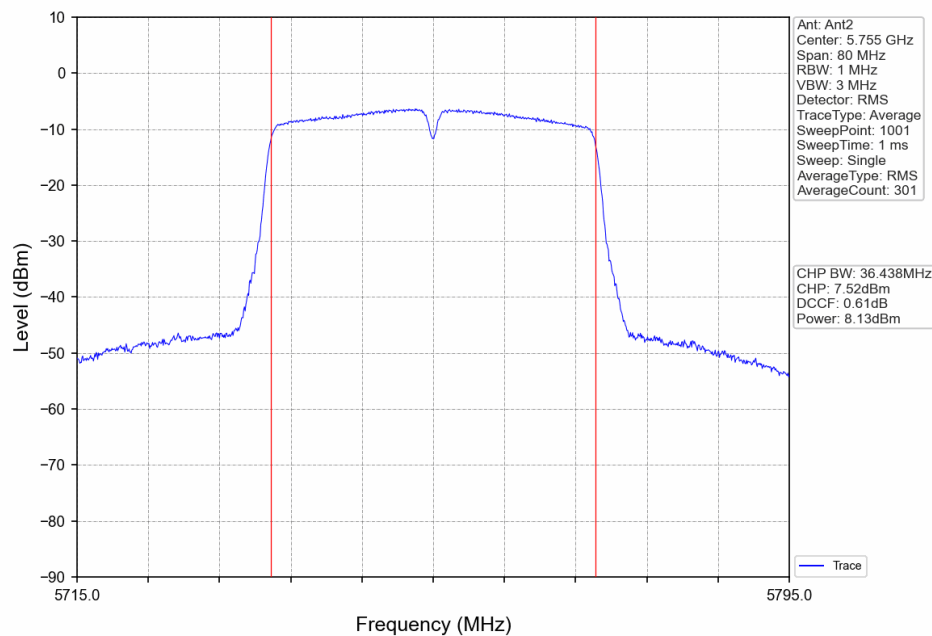
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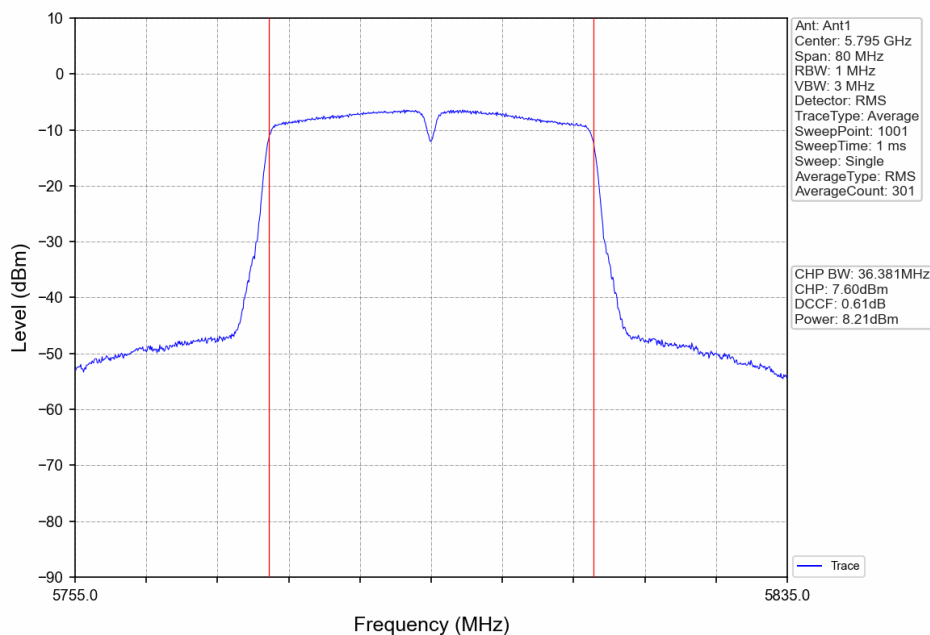
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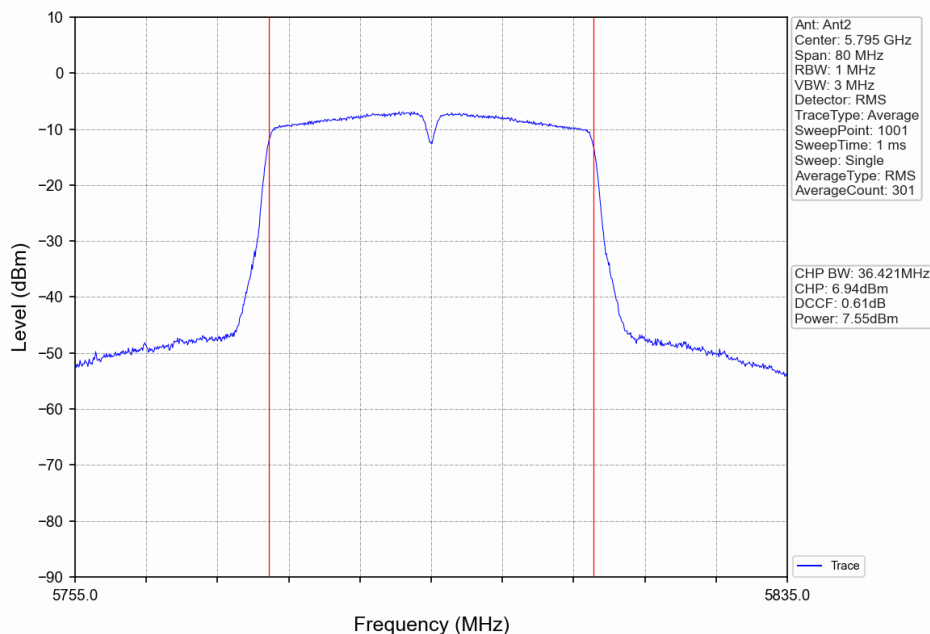
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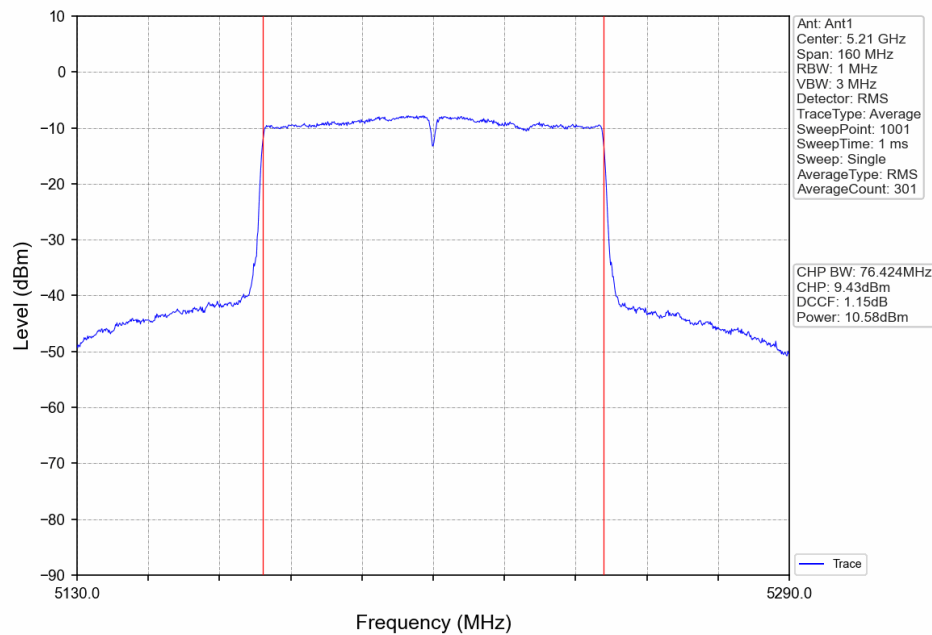
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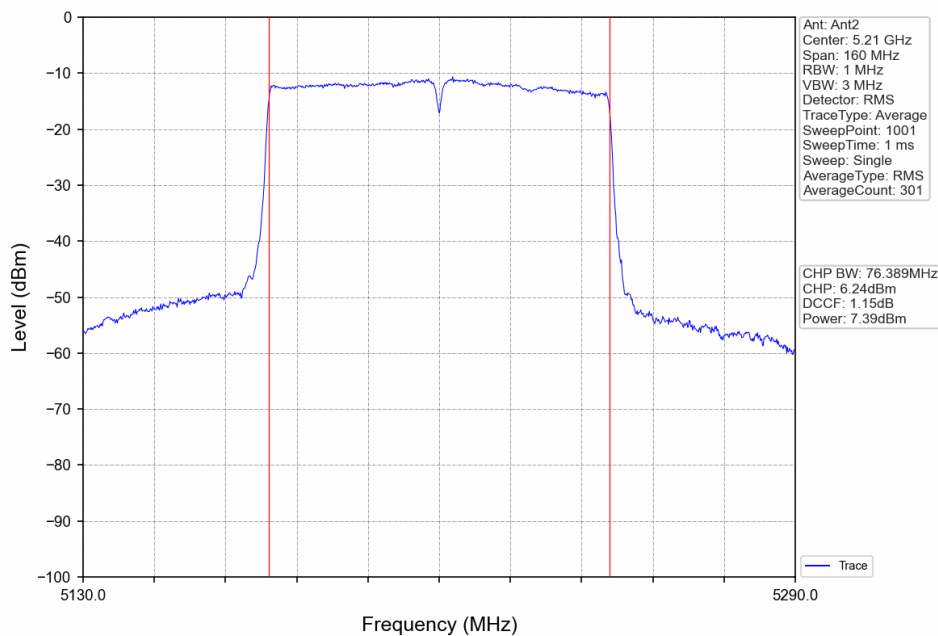
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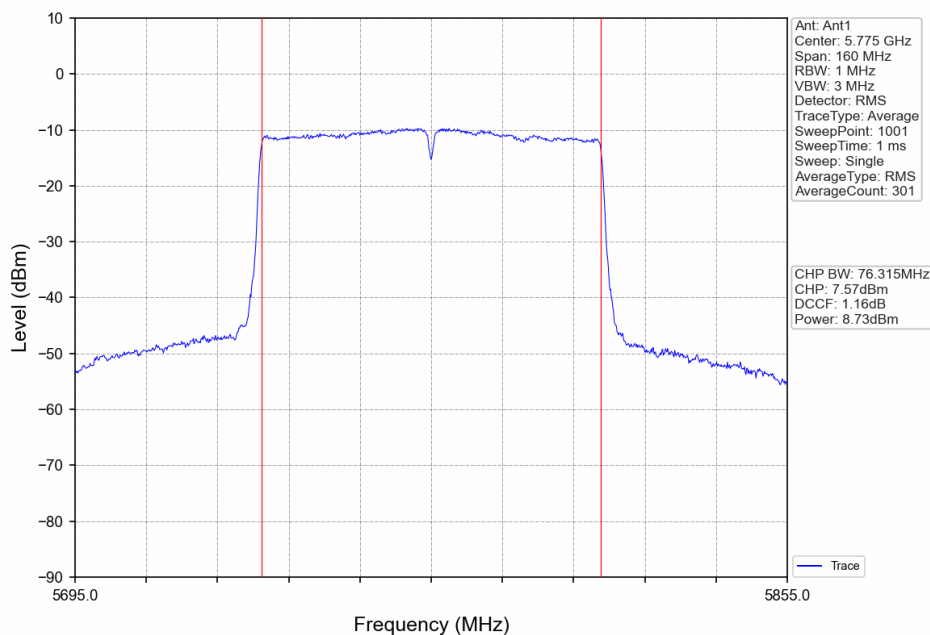
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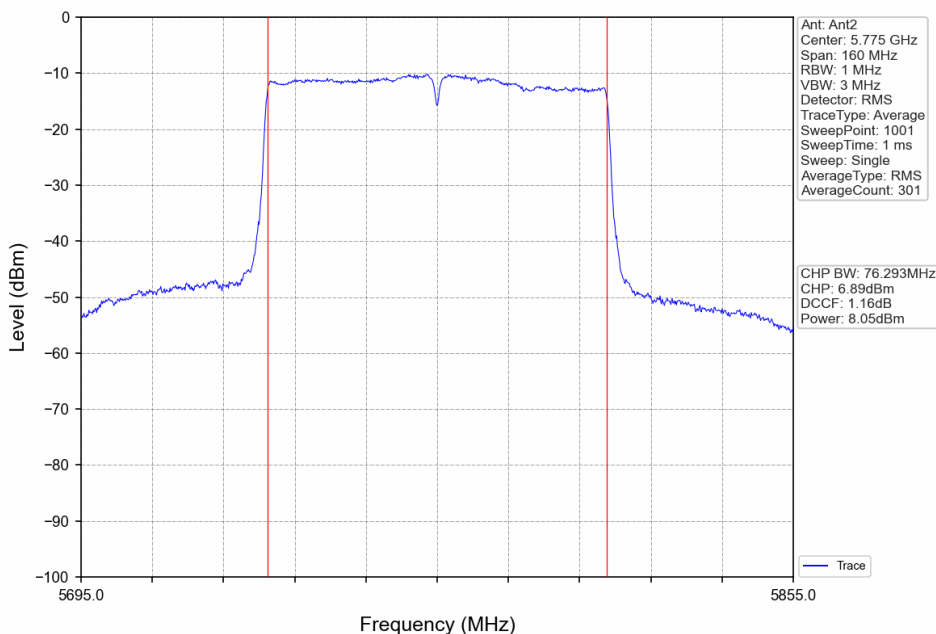
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