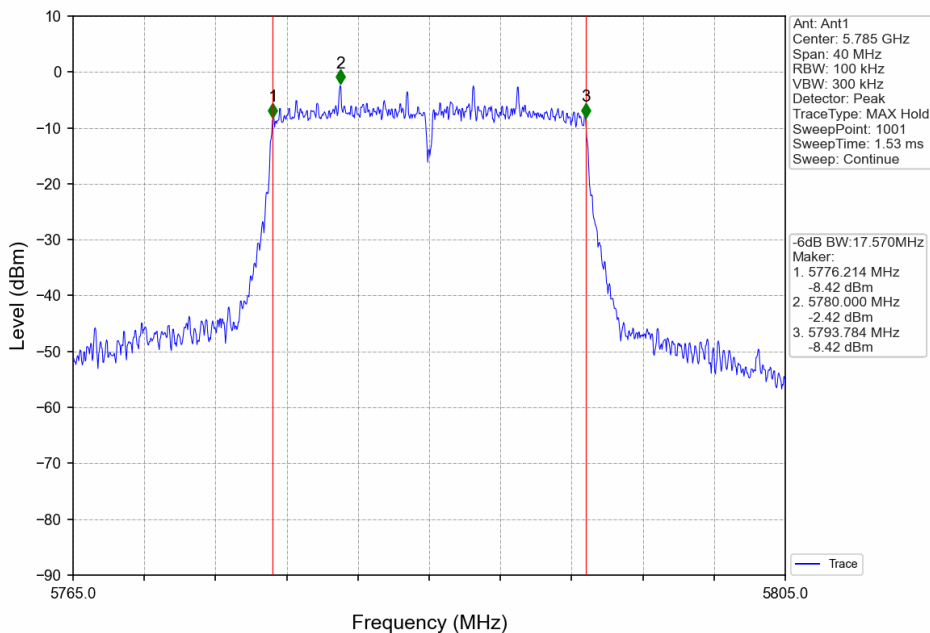
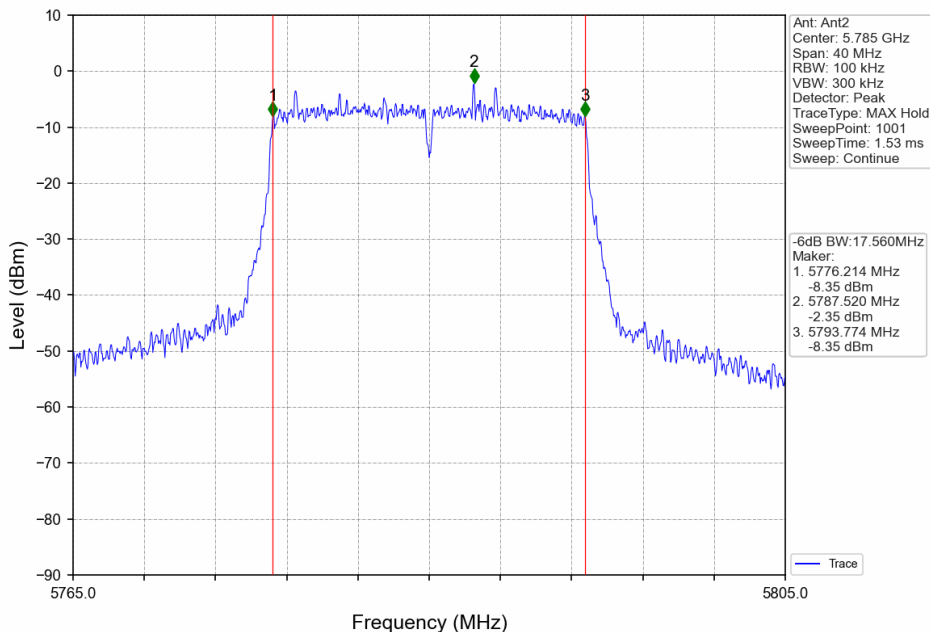


802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



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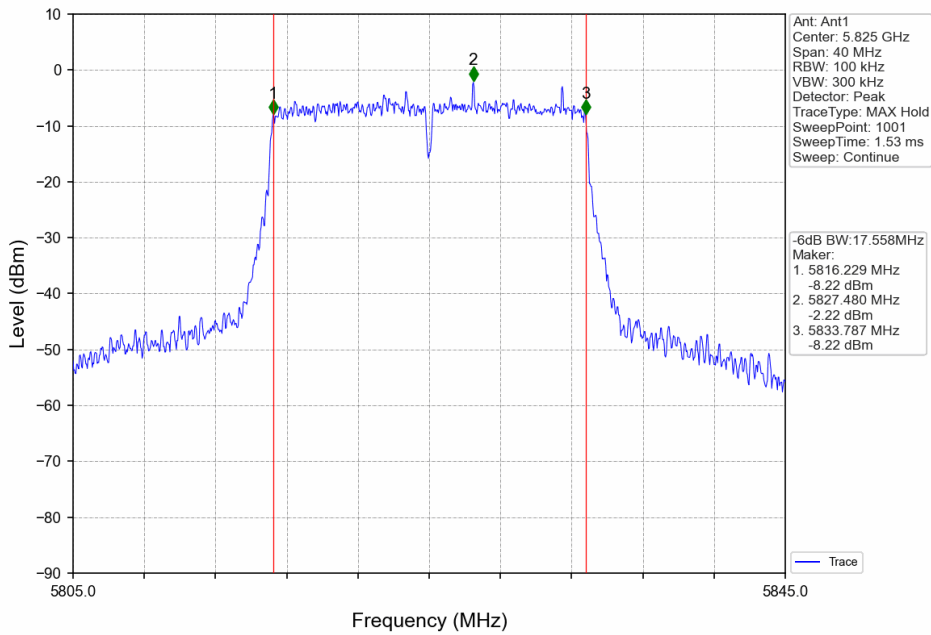
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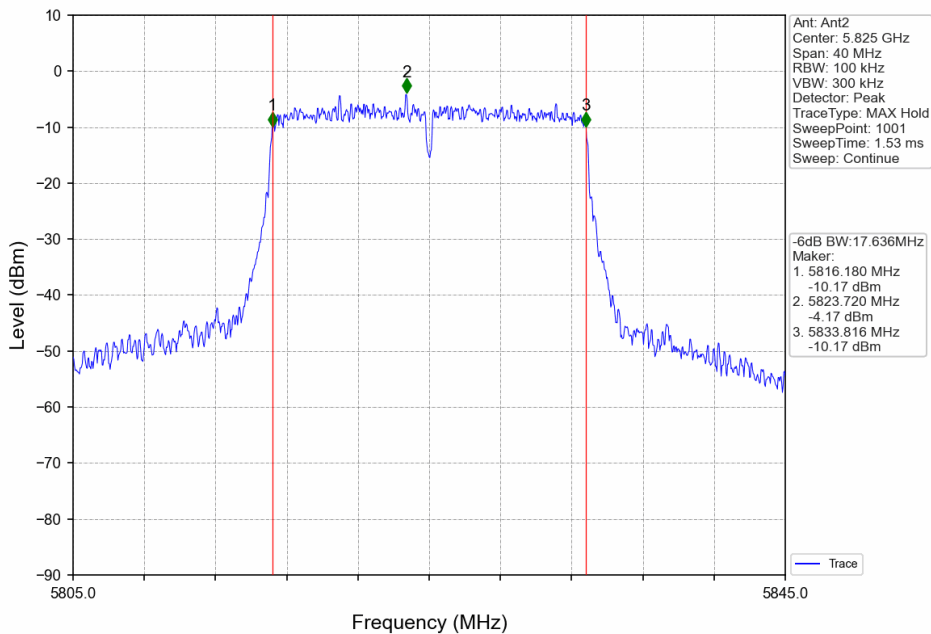


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802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



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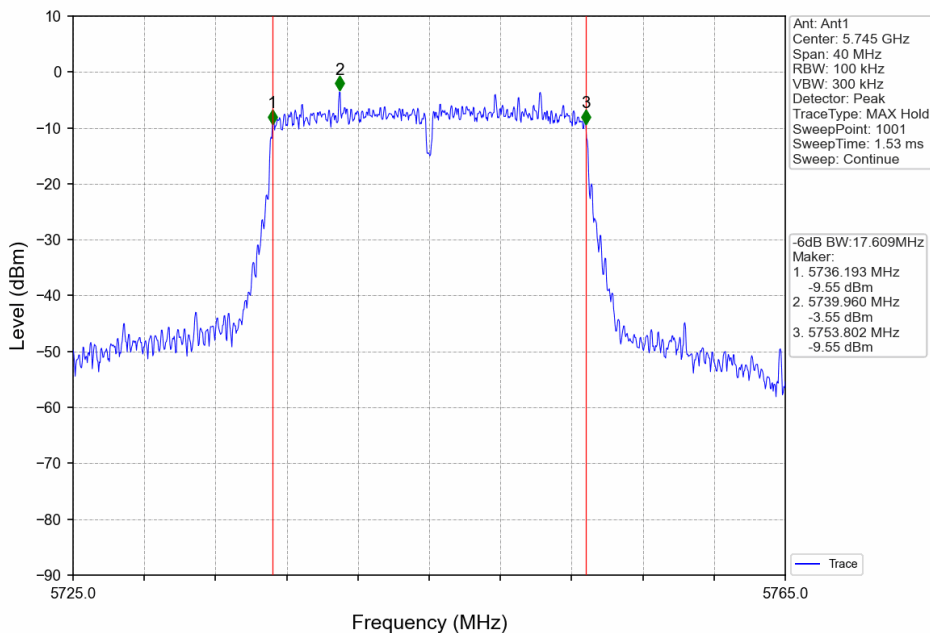
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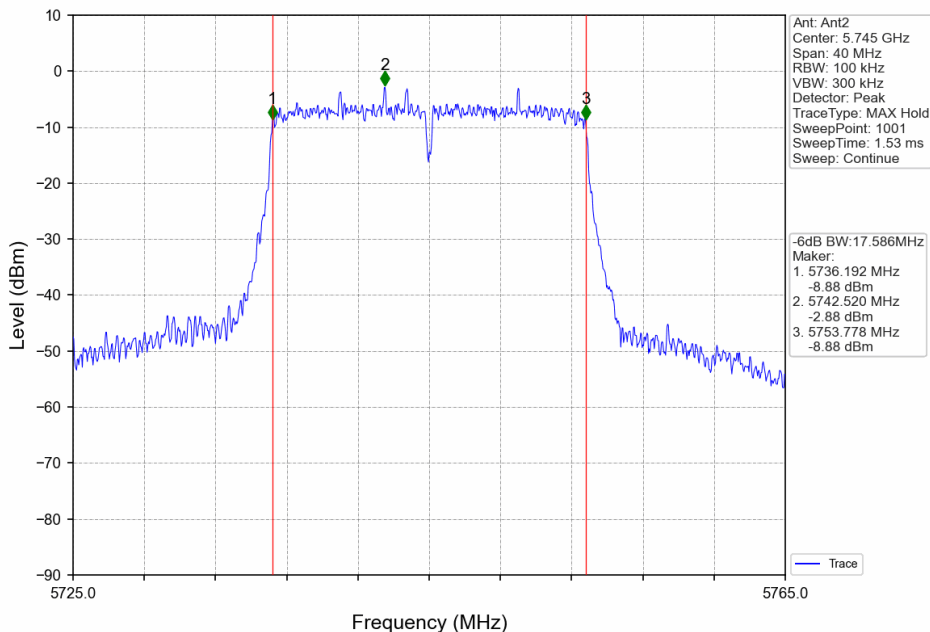


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802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



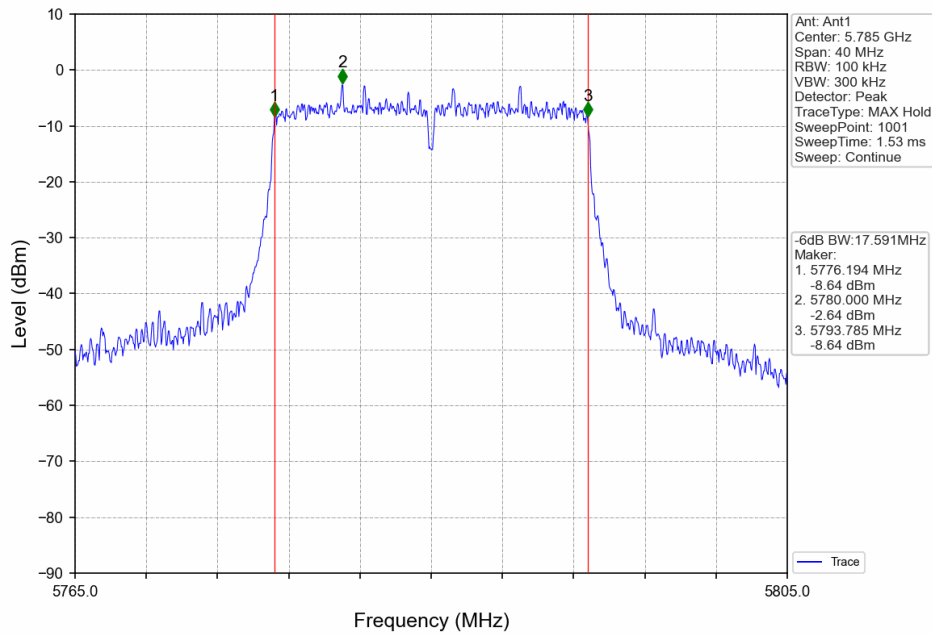
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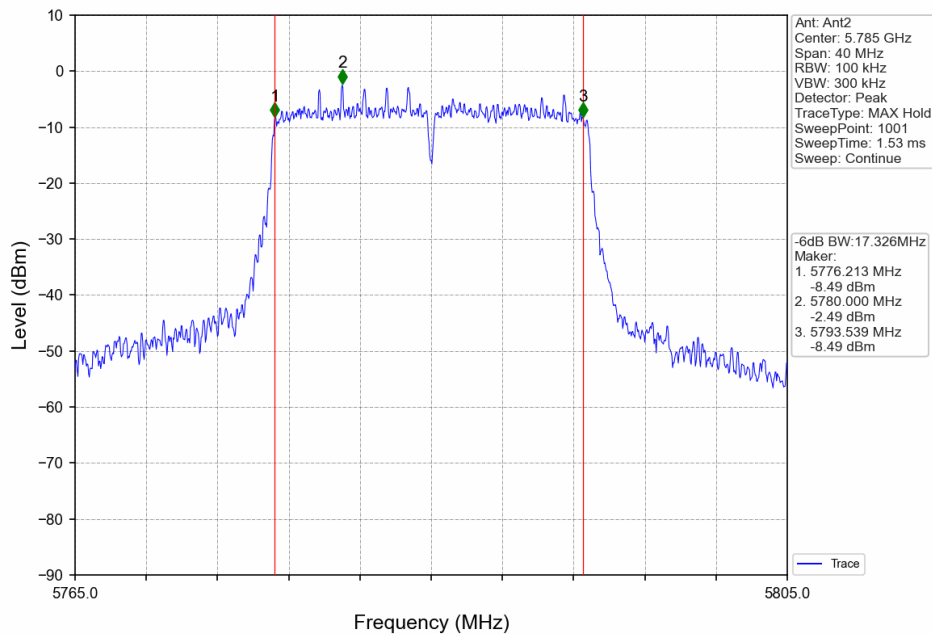
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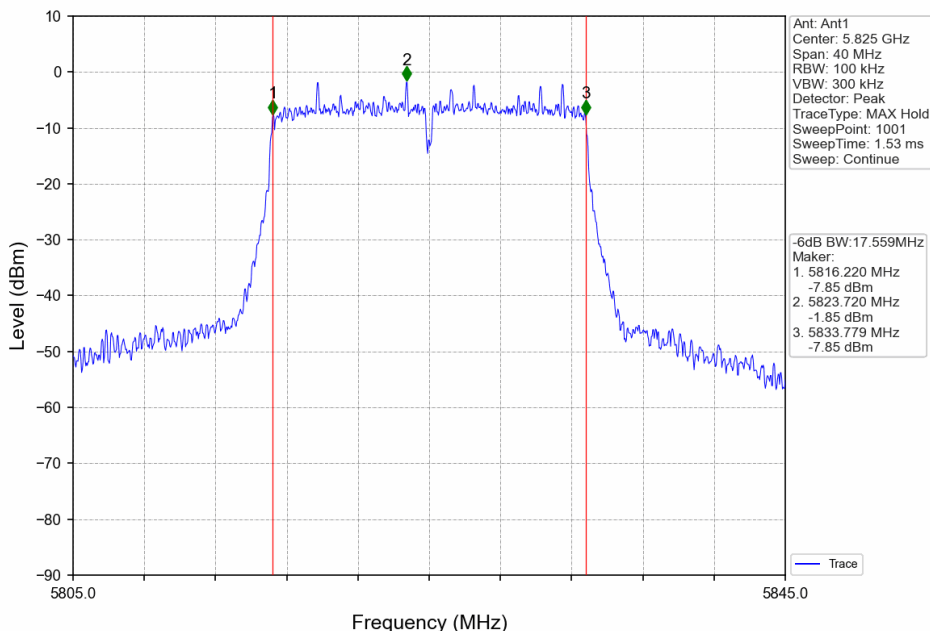
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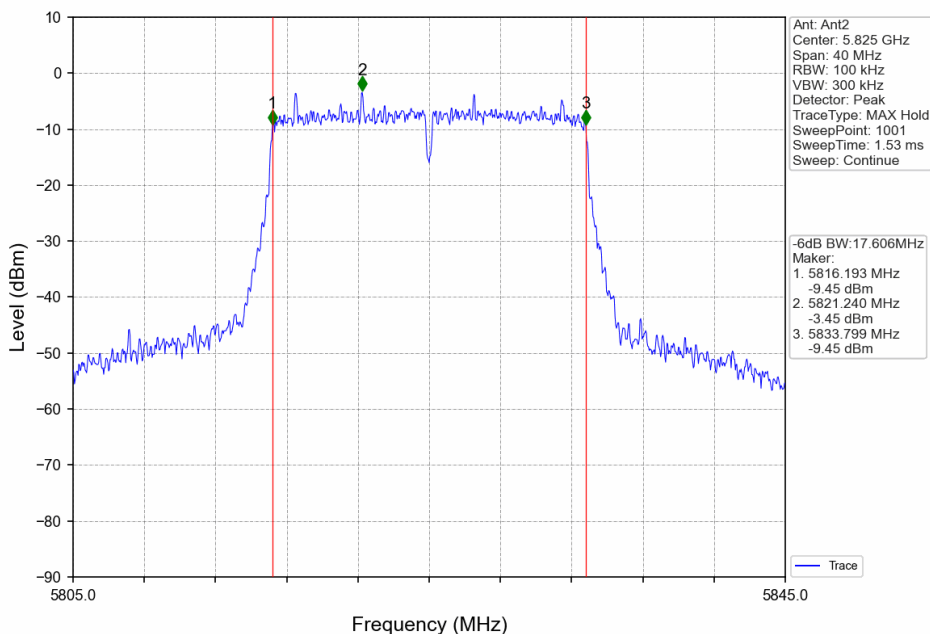


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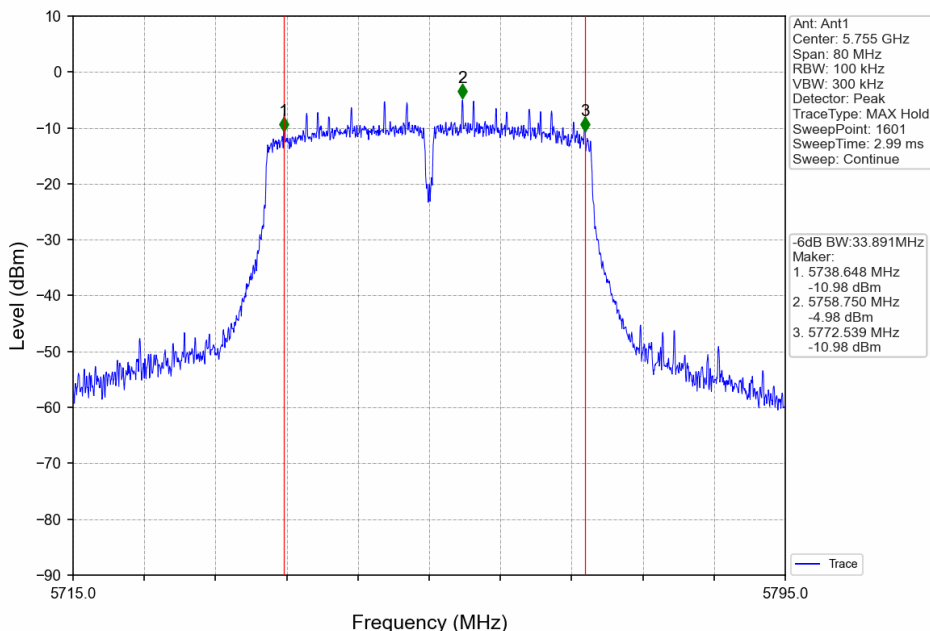
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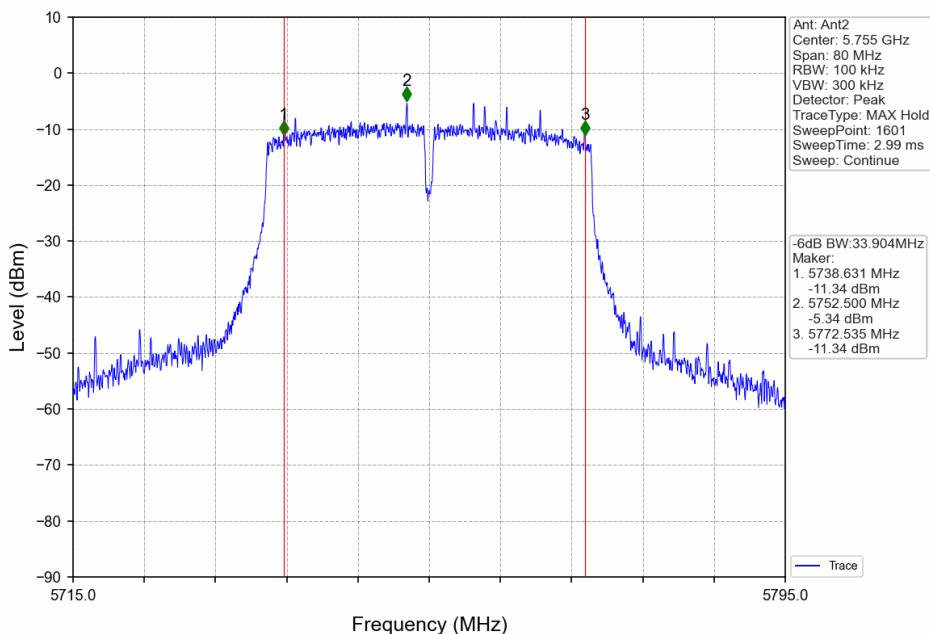
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802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



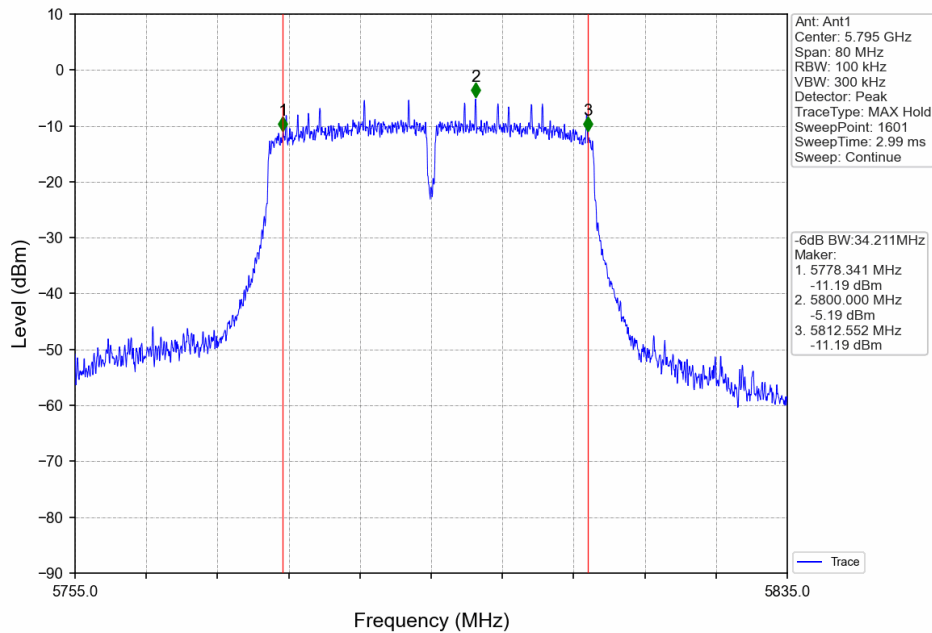
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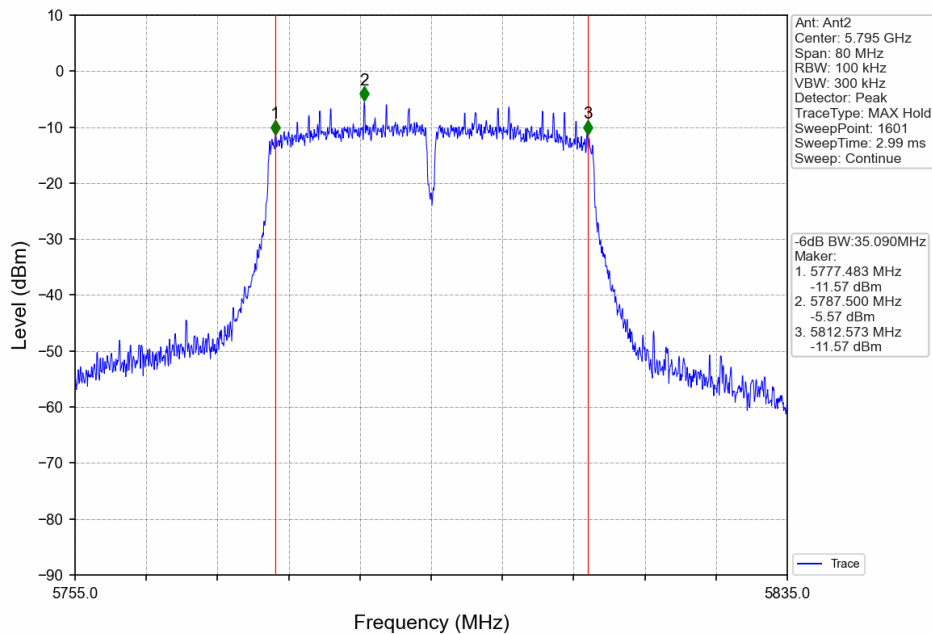
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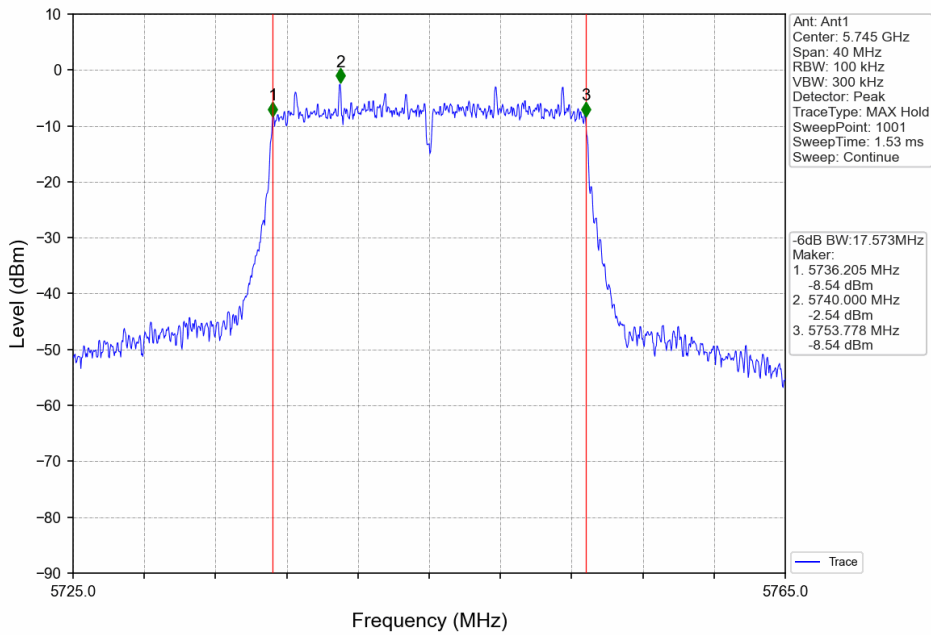
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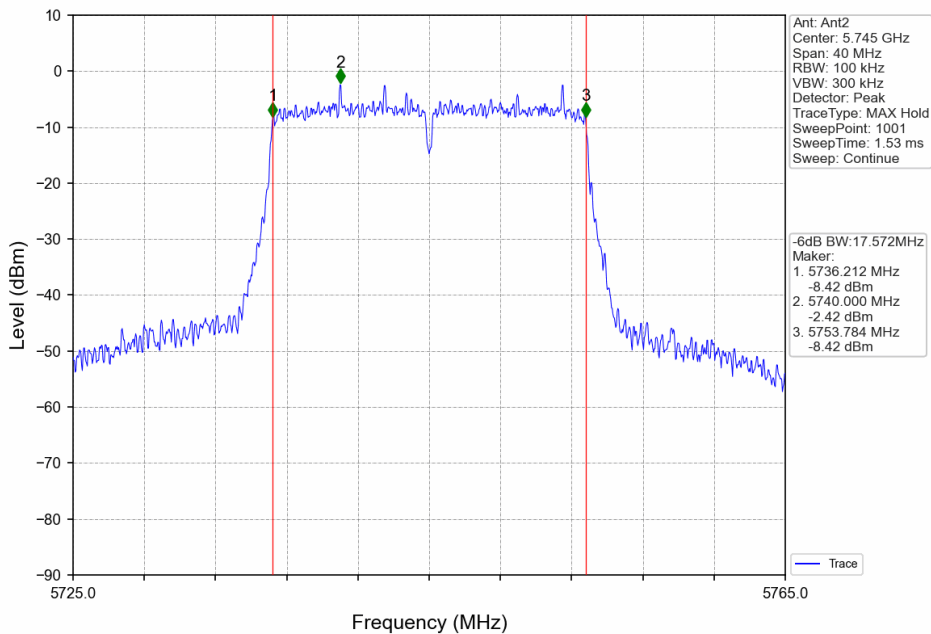
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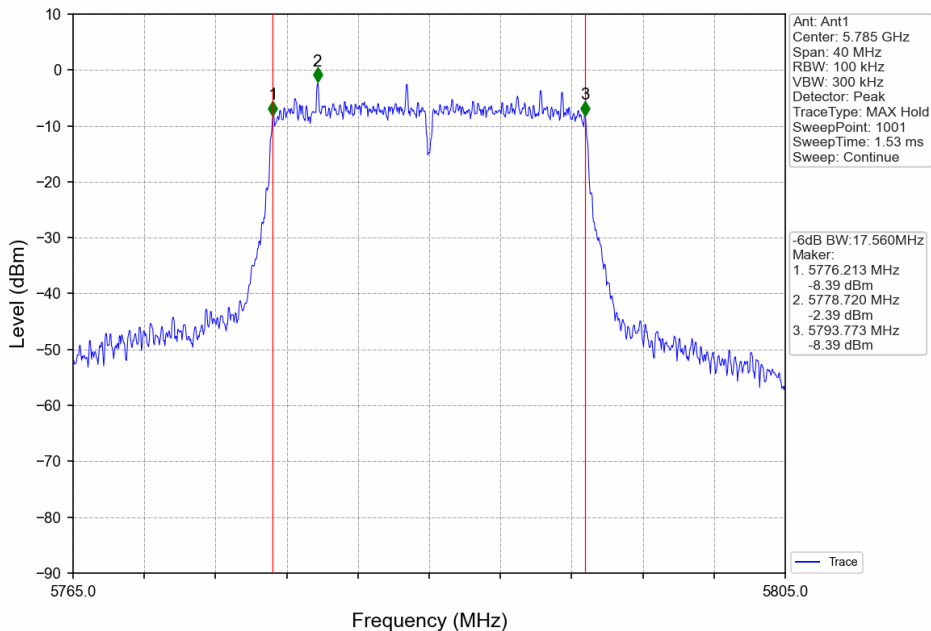
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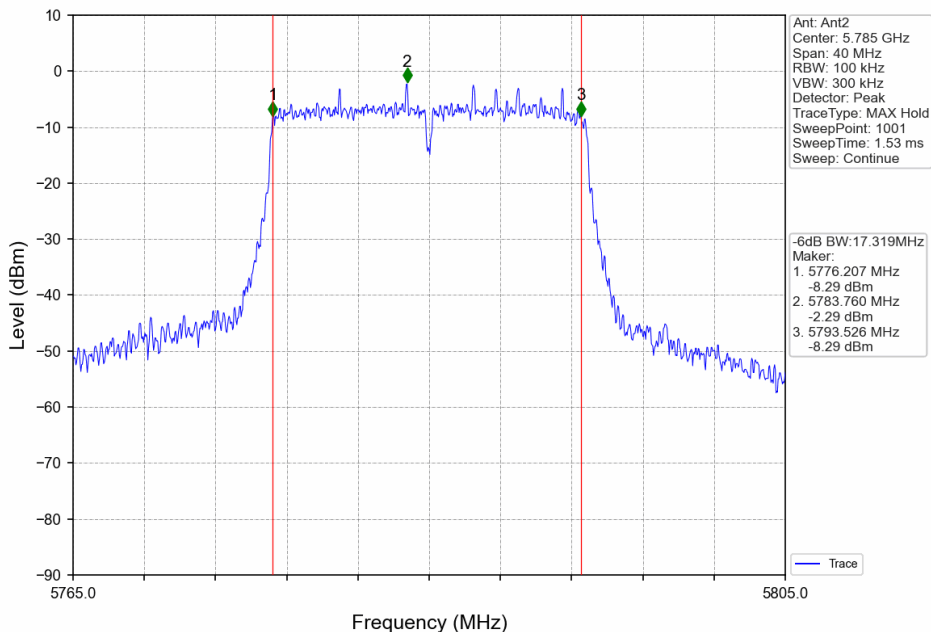
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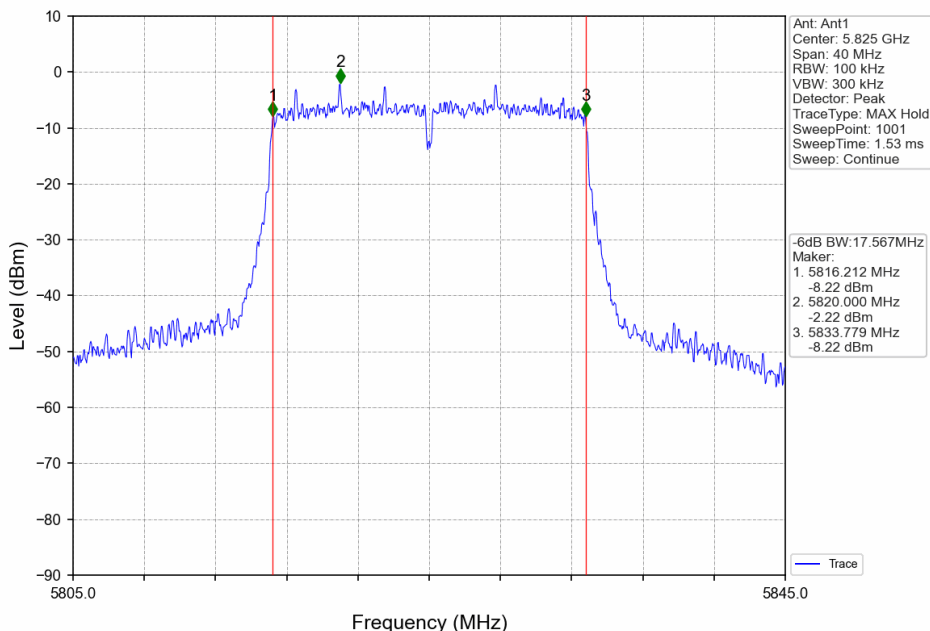
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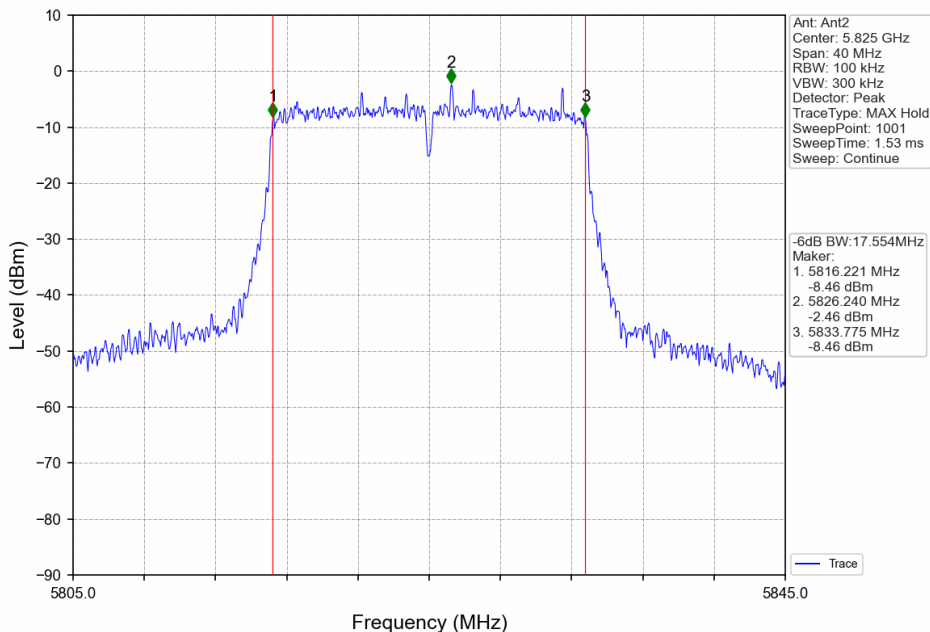
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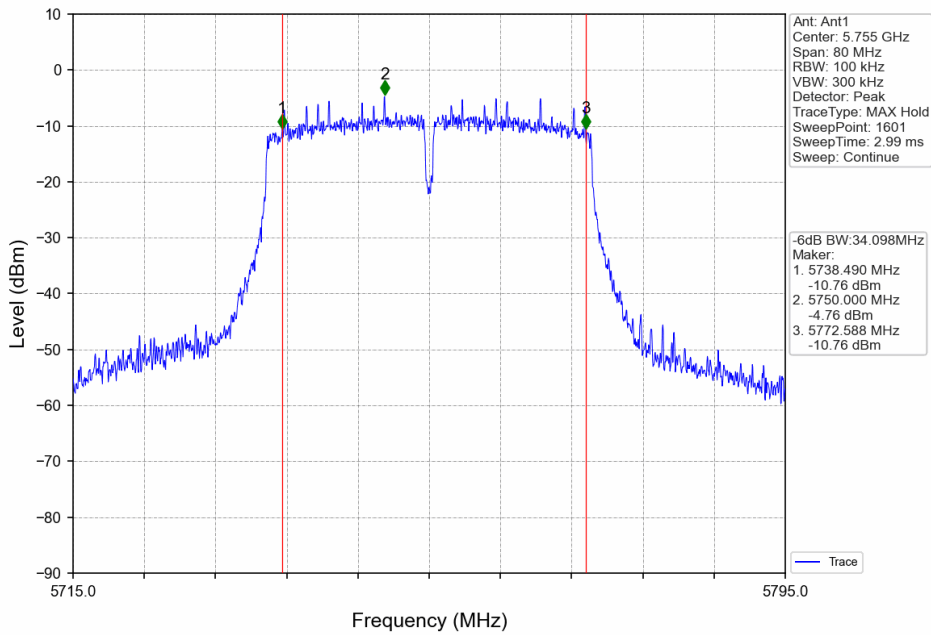
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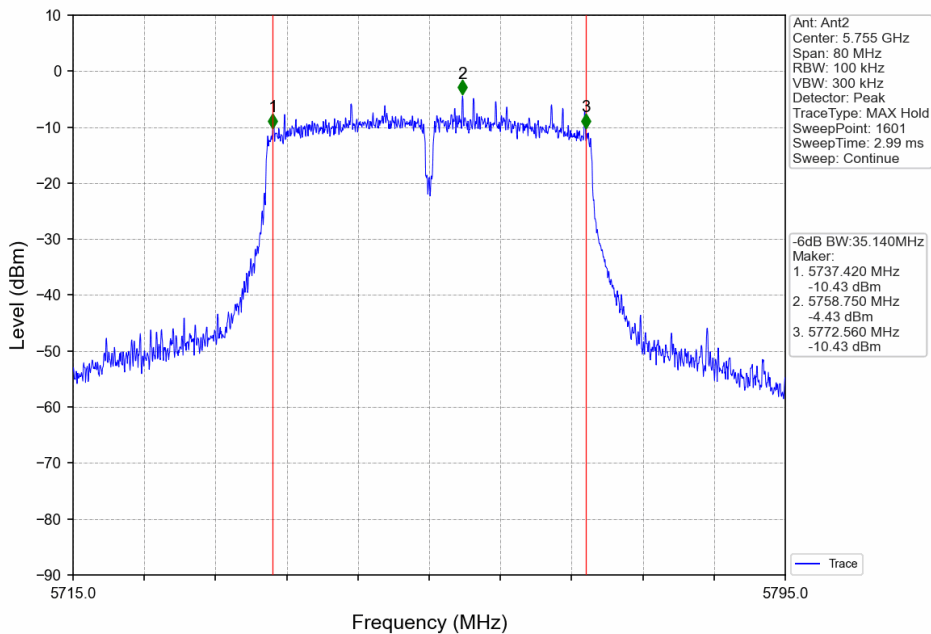
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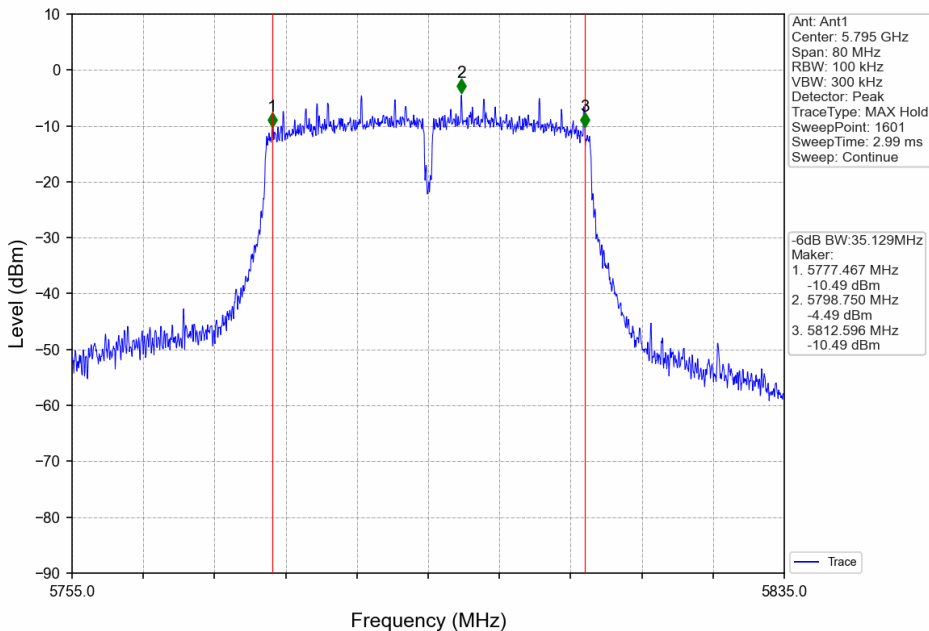
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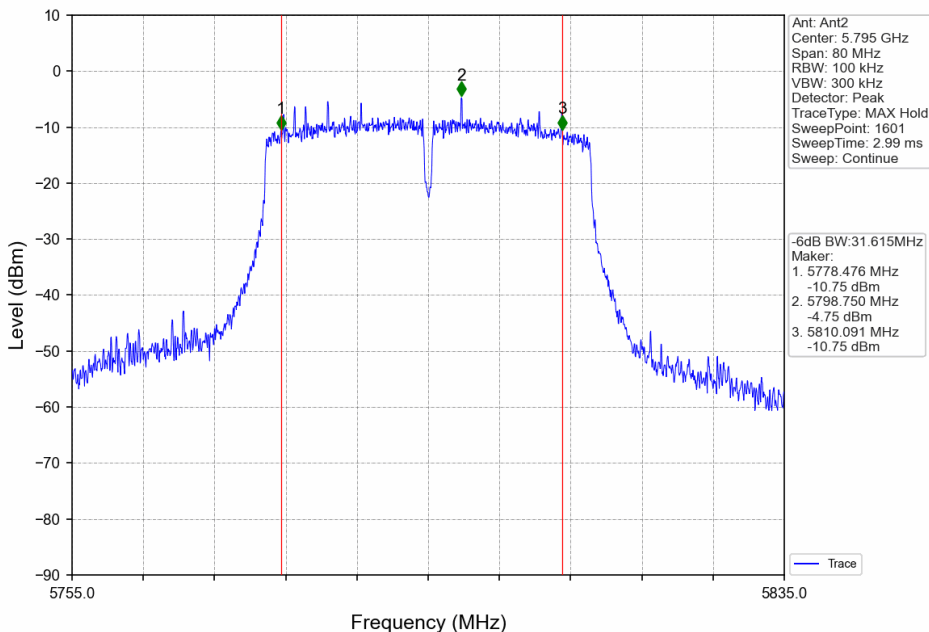
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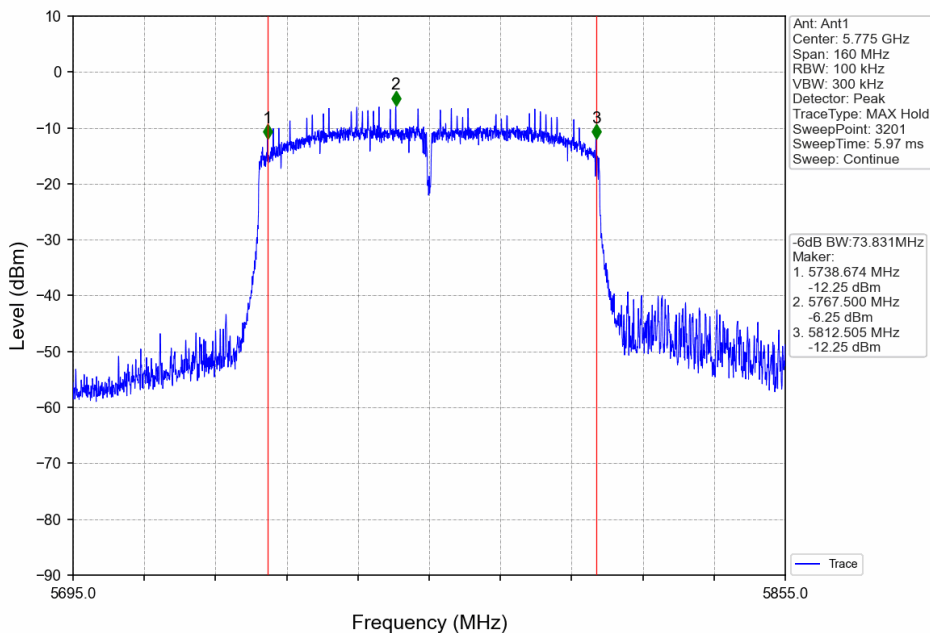
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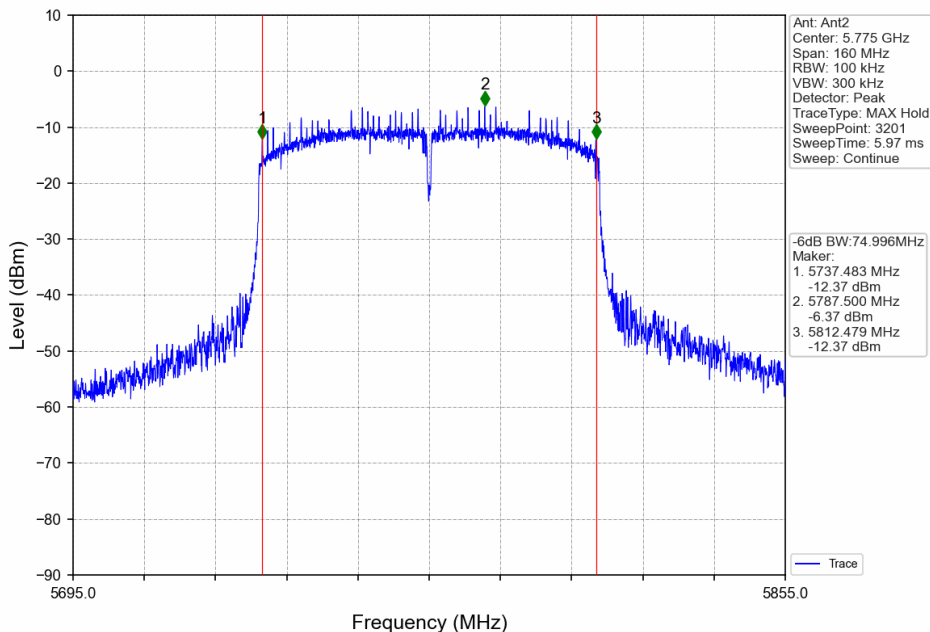
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_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	19.040	Pass
			2	18.833	Pass
		5200	1	20.240	Pass
			2	20.106	Pass
		5240	1	20.120	Pass
			2	20.146	Pass
802.11n (HT20)	MIMO	5180	1	20.241	Pass
			2	20.203	Pass
		5200	1	20.224	Pass
			2	20.091	Pass
		5240	1	19.997	Pass
			2	20.198	Pass
802.11n (HT40)	MIMO	5190	1	42.923	Pass
			2	42.883	Pass
		5230	1	42.776	Pass
			2	43.305	Pass
802.11ac (VHT20)	MIMO	5180	1	20.152	Pass
			2	20.157	Pass
		5200	1	20.223	Pass
			2	20.224	Pass
		5240	1	20.217	Pass
			2	20.128	Pass
802.11ac (VHT40)	MIMO	5190	1	42.508	Pass
			2	42.479	Pass
		5230	1	42.420	Pass
			2	42.339	Pass
802.11ac (VHT80)	MIMO	5210	1	83.320	Pass
			2	82.518	Pass



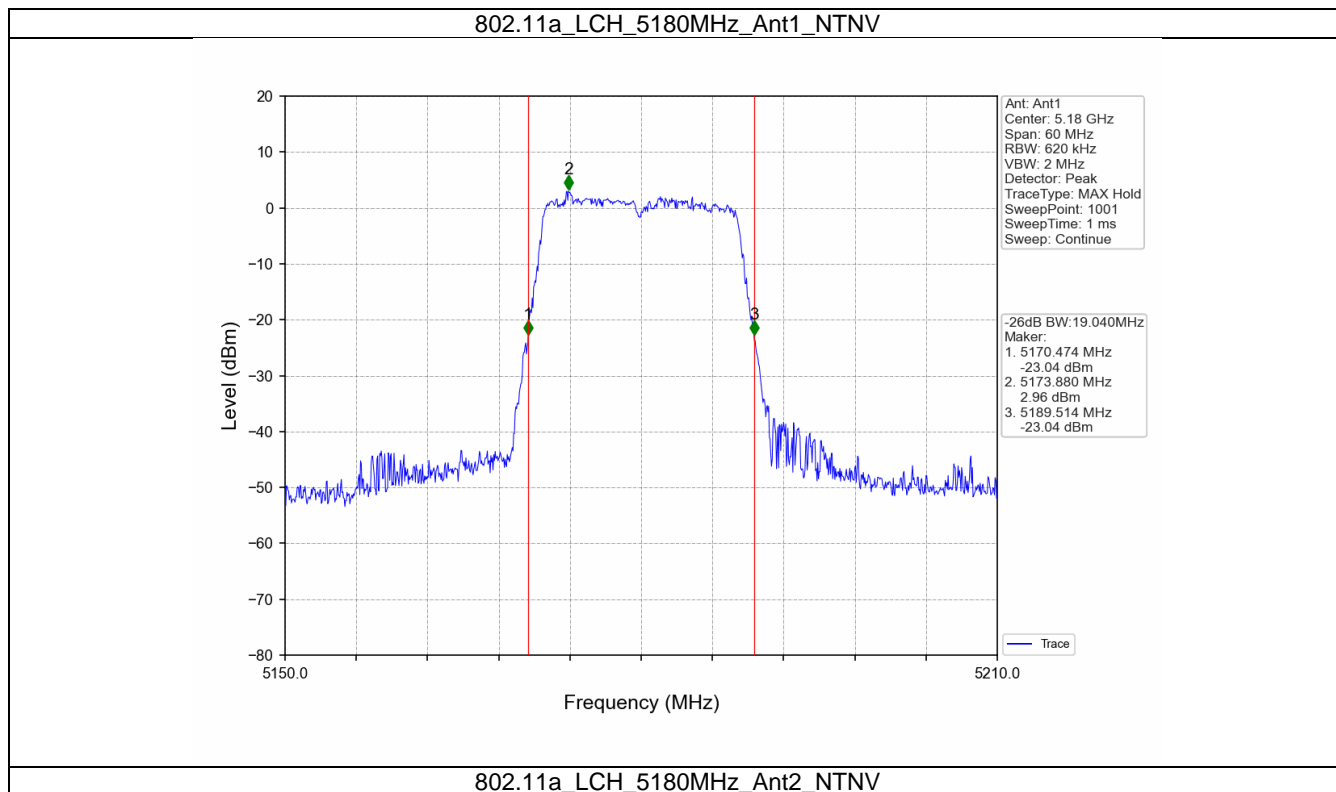
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2.3.2 Test Graph

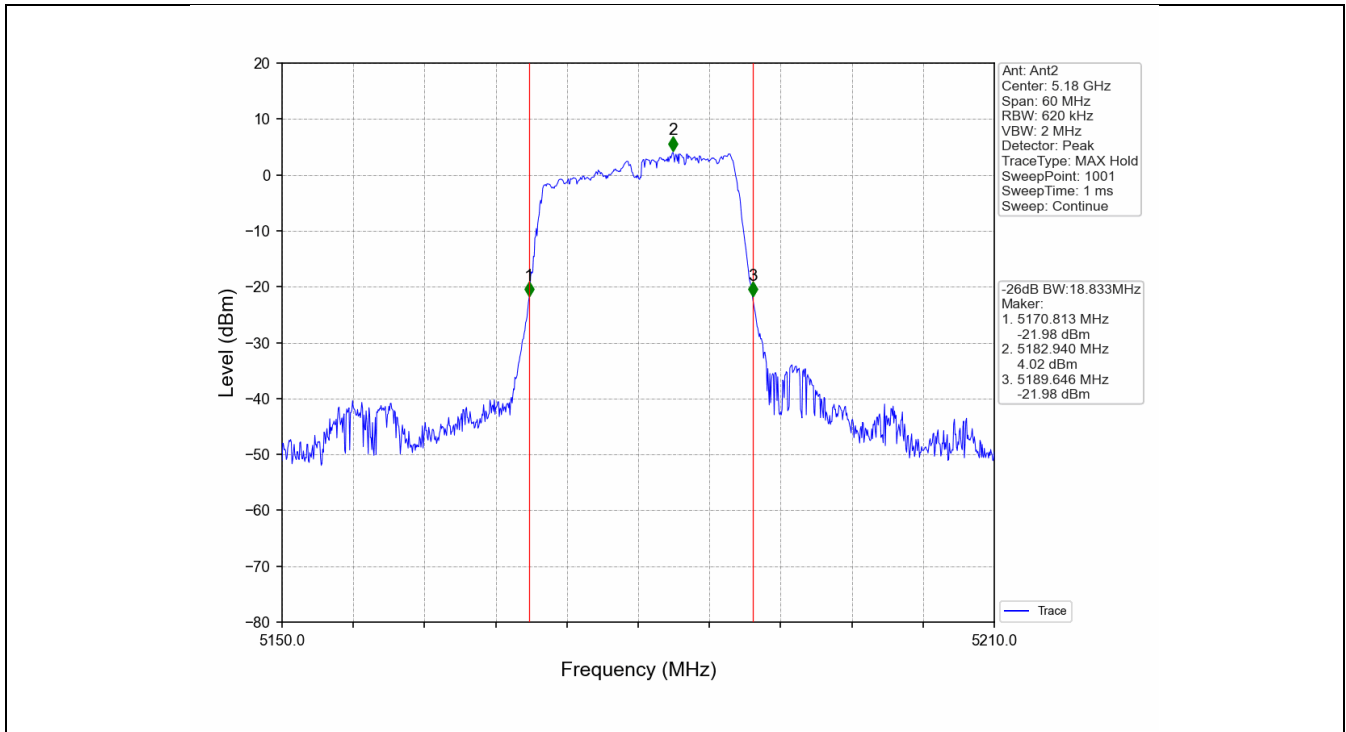


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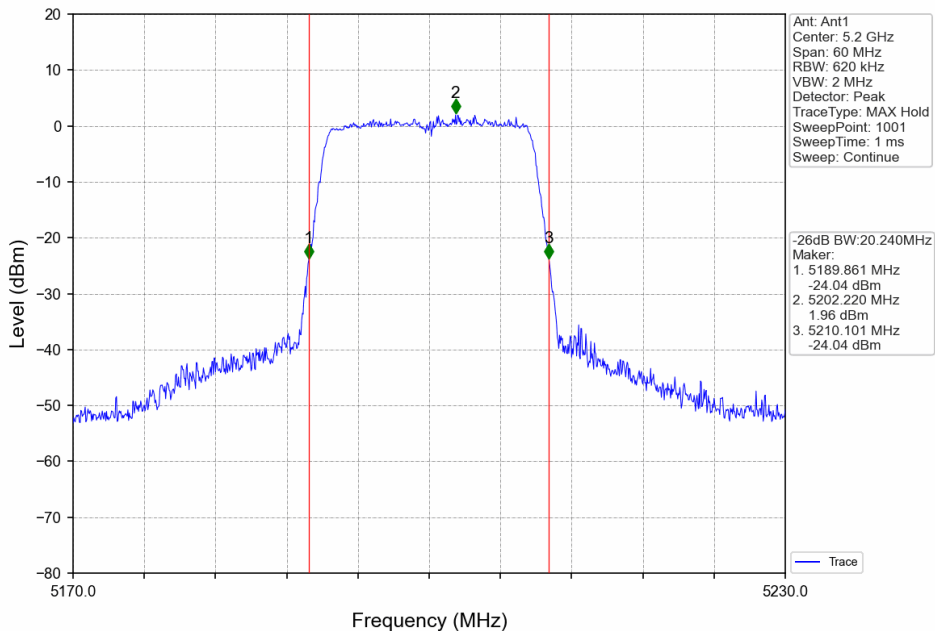
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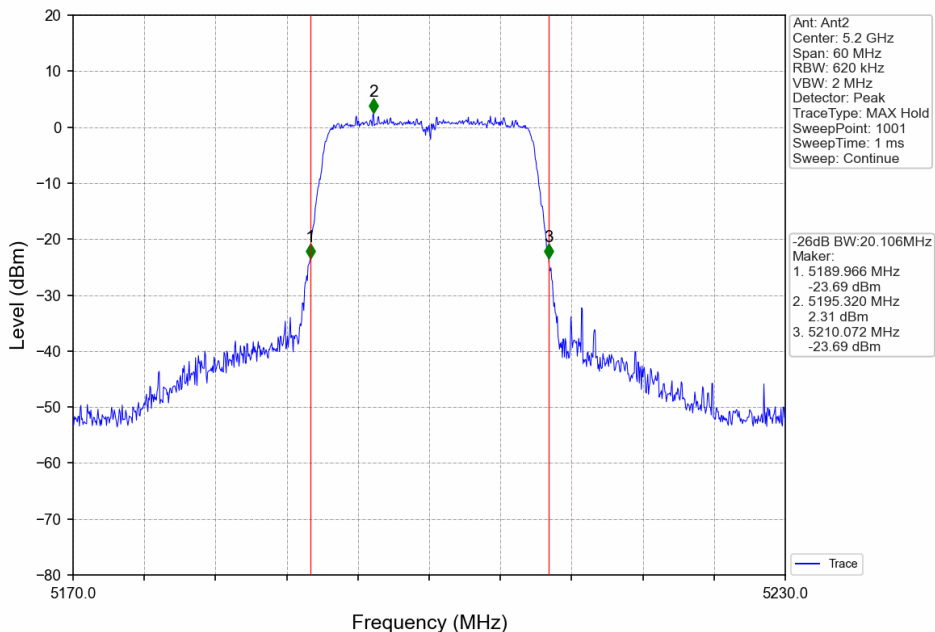
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802.11a_MCH_5200MHz_Ant1_NTNV



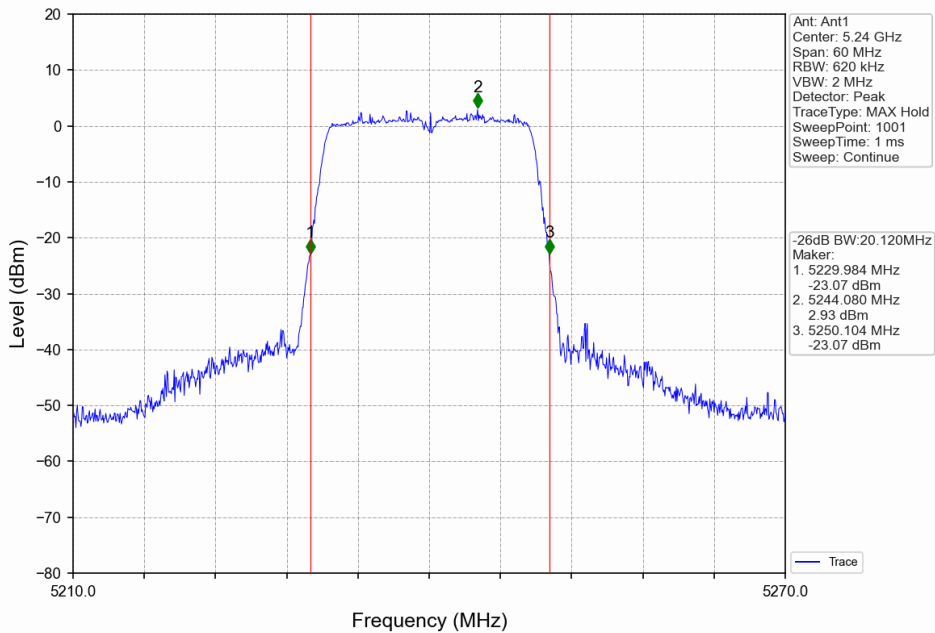
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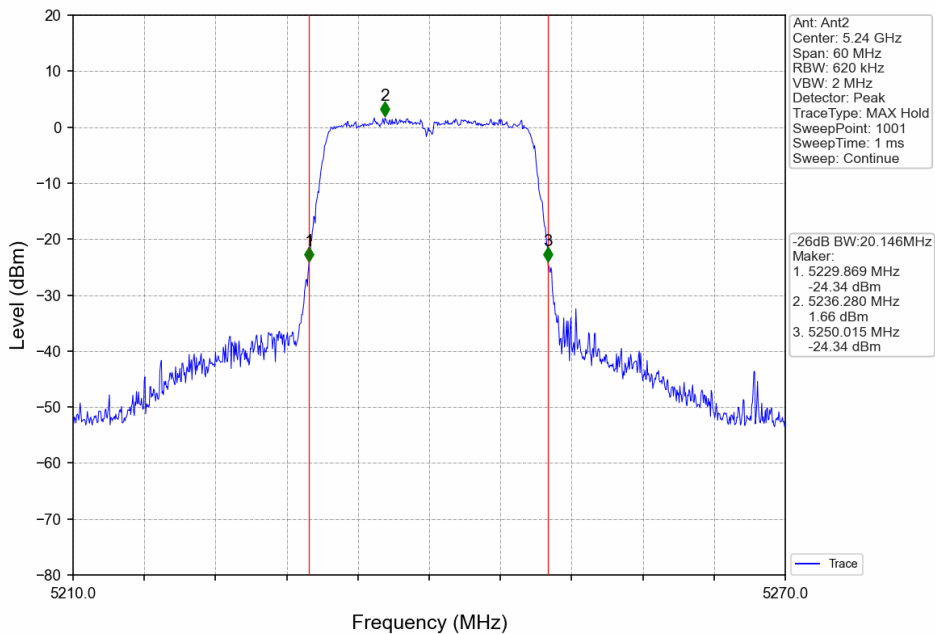
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802.11a_HCH_5240MHz_Ant1_NTNV



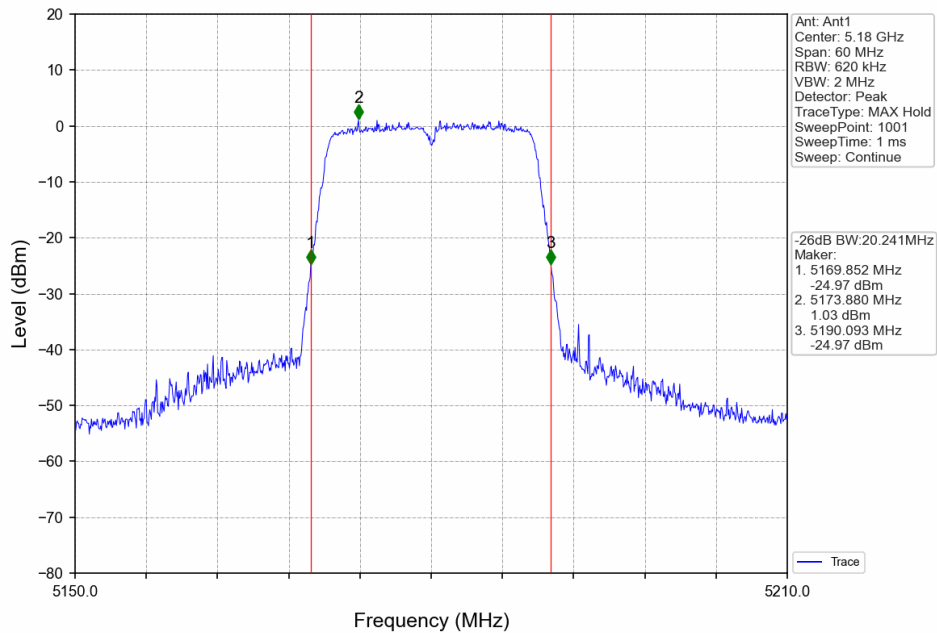
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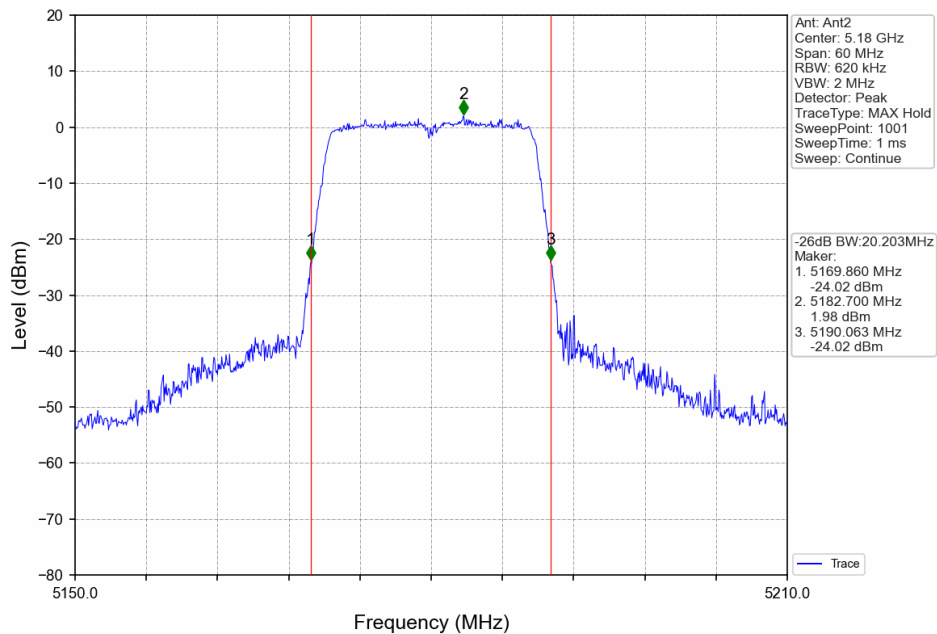
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



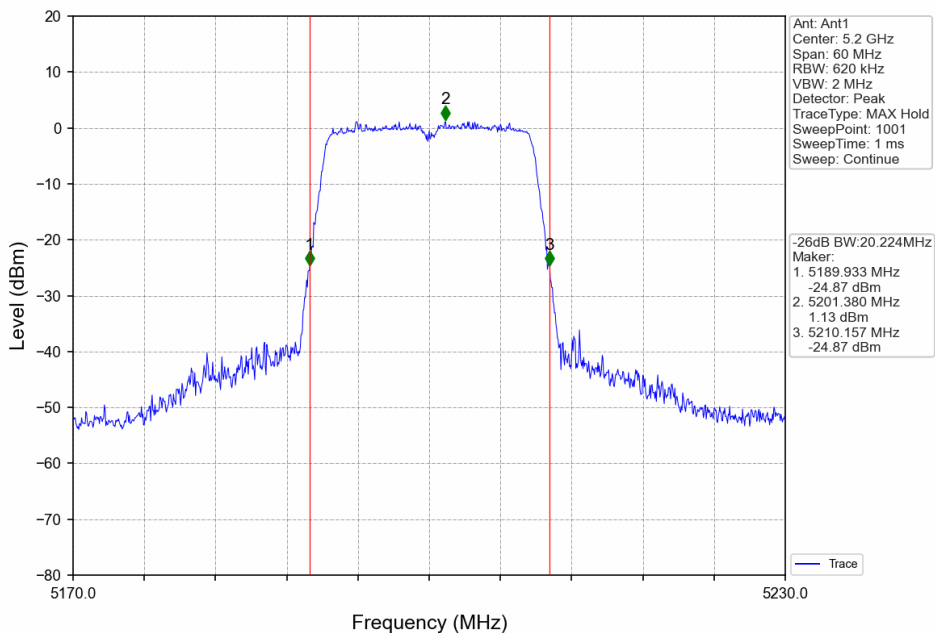
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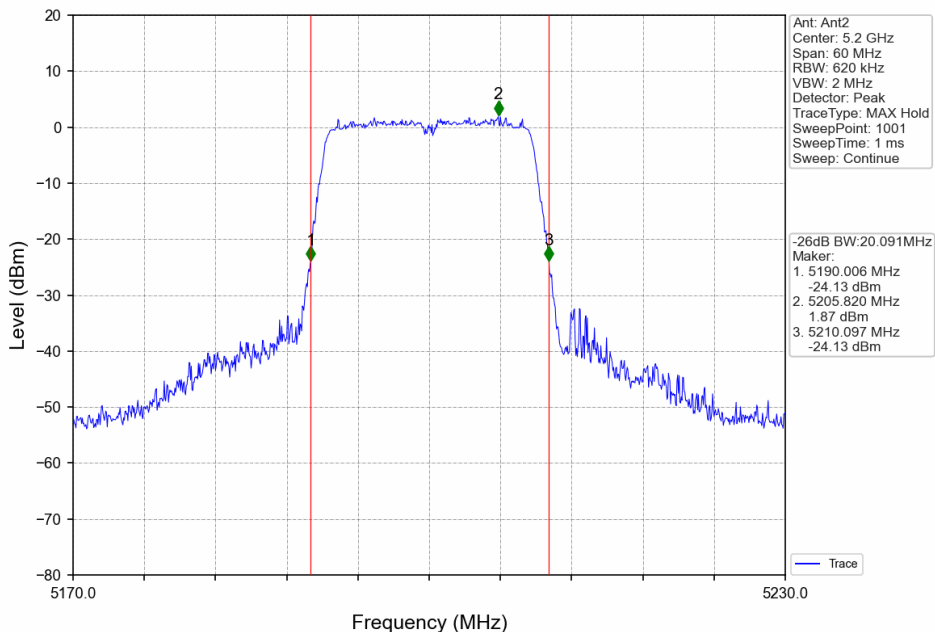
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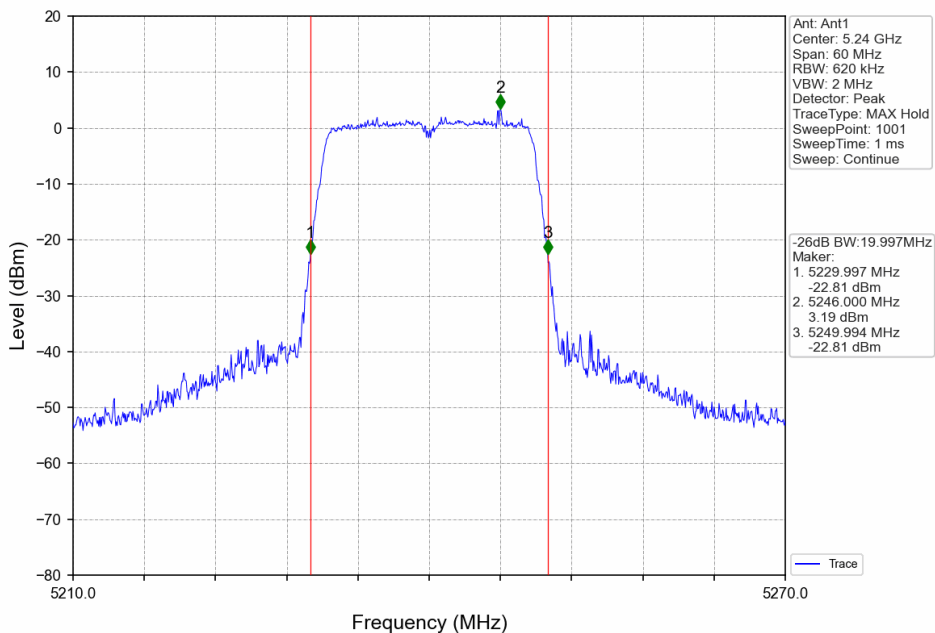
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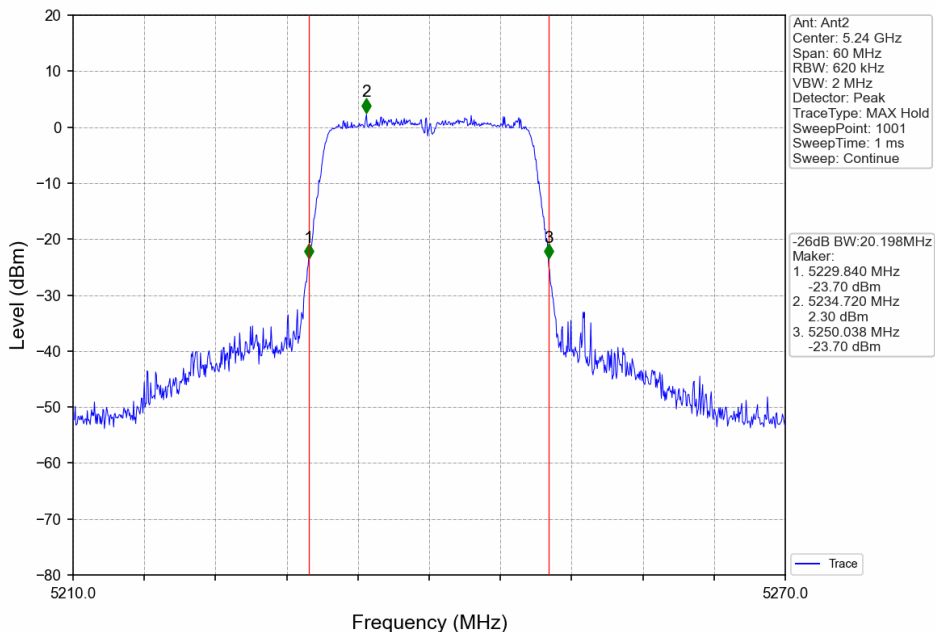
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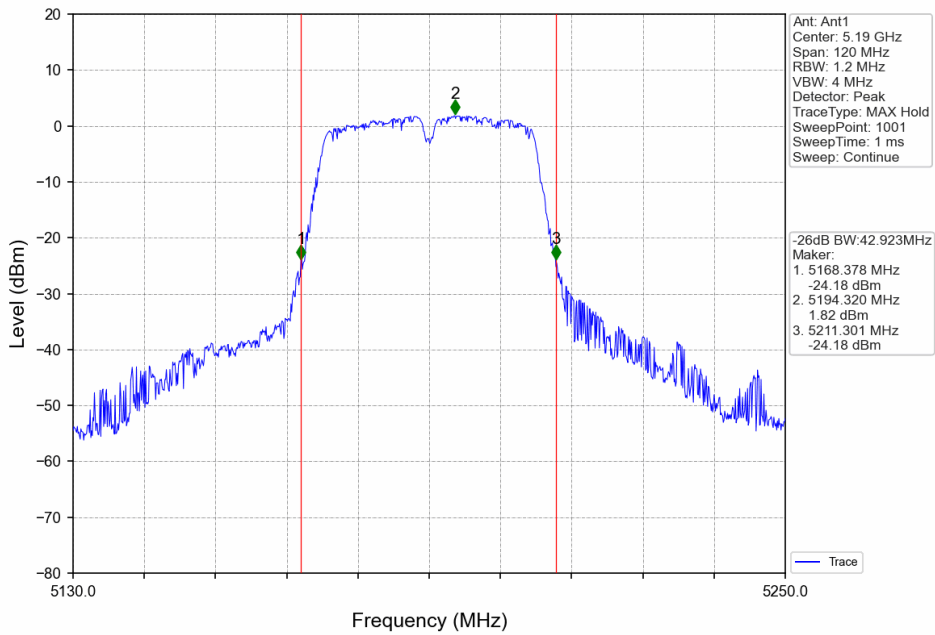
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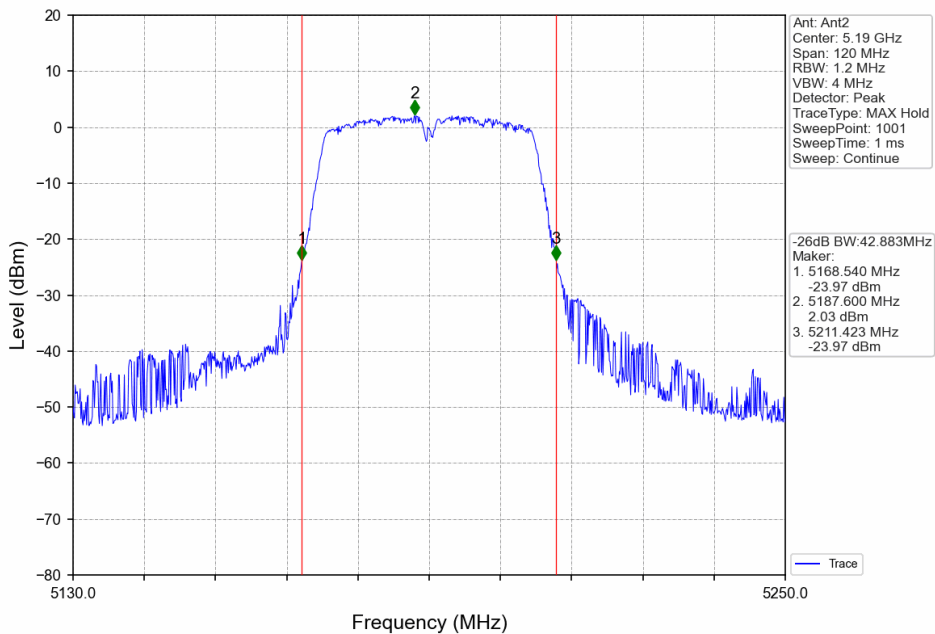
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



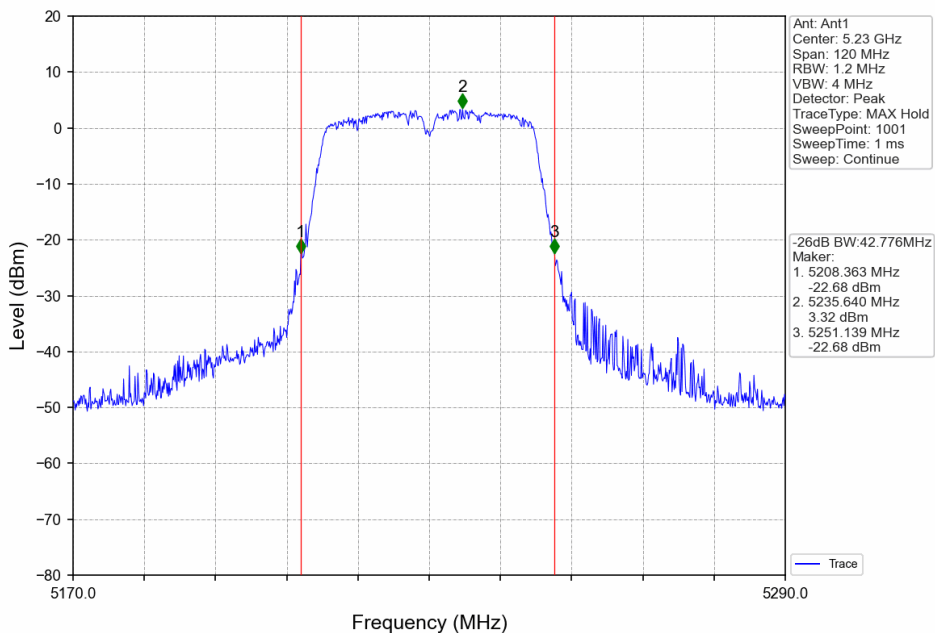
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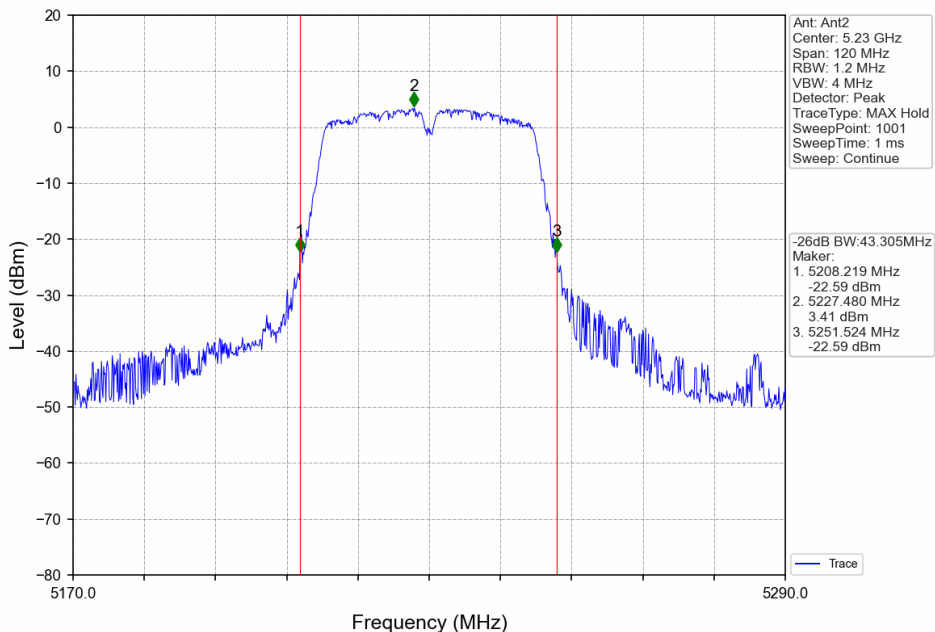
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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



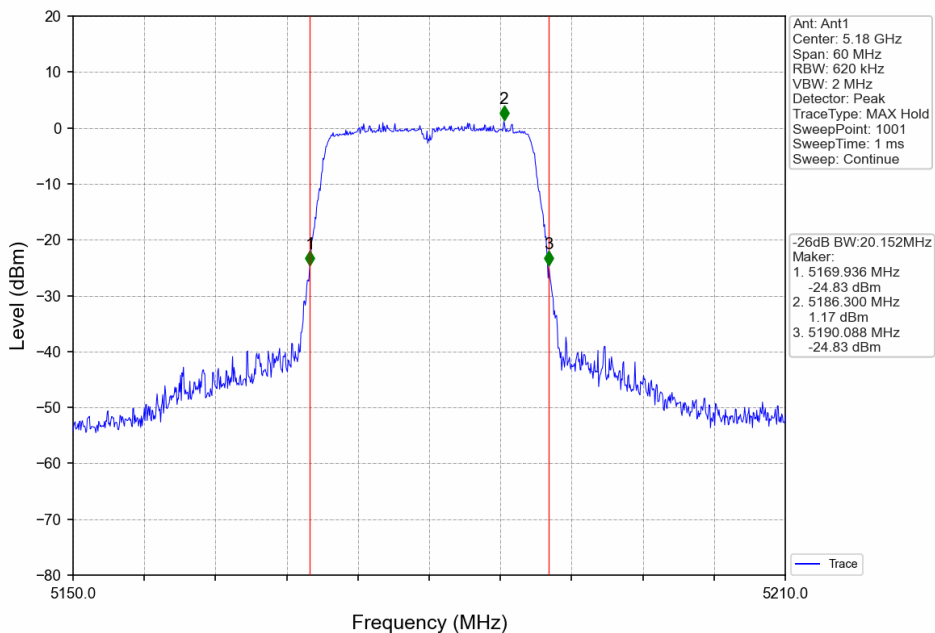
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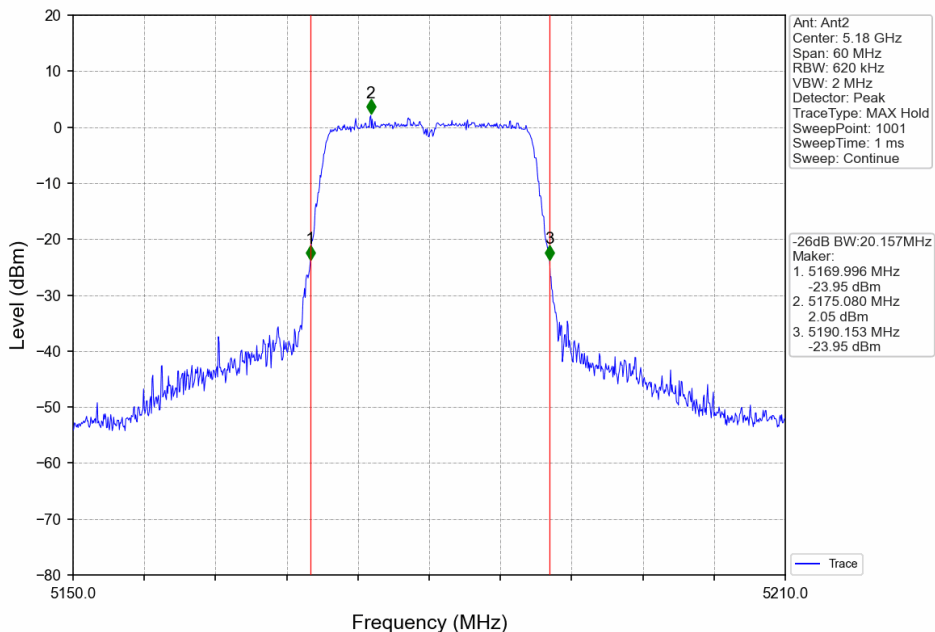
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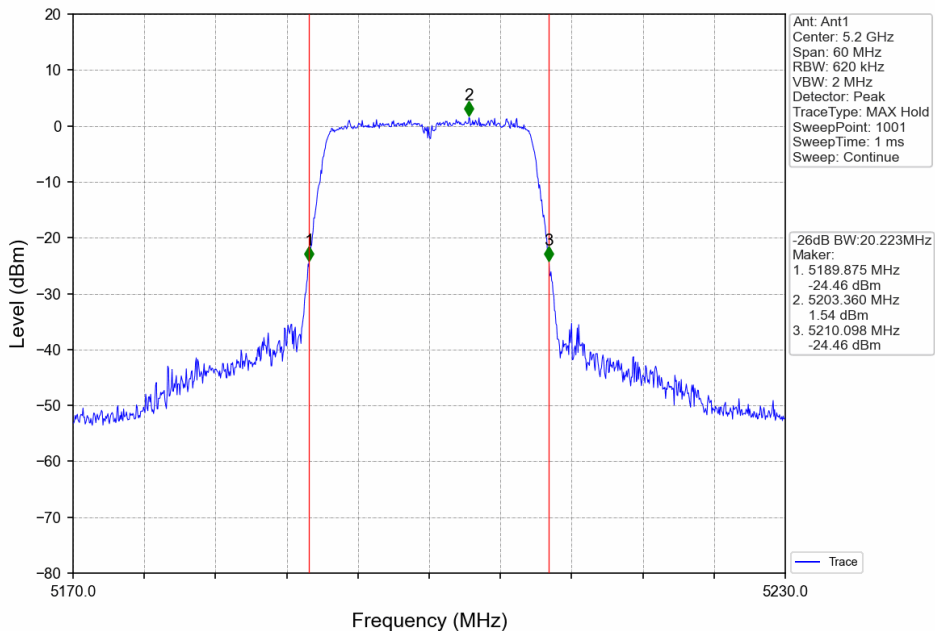
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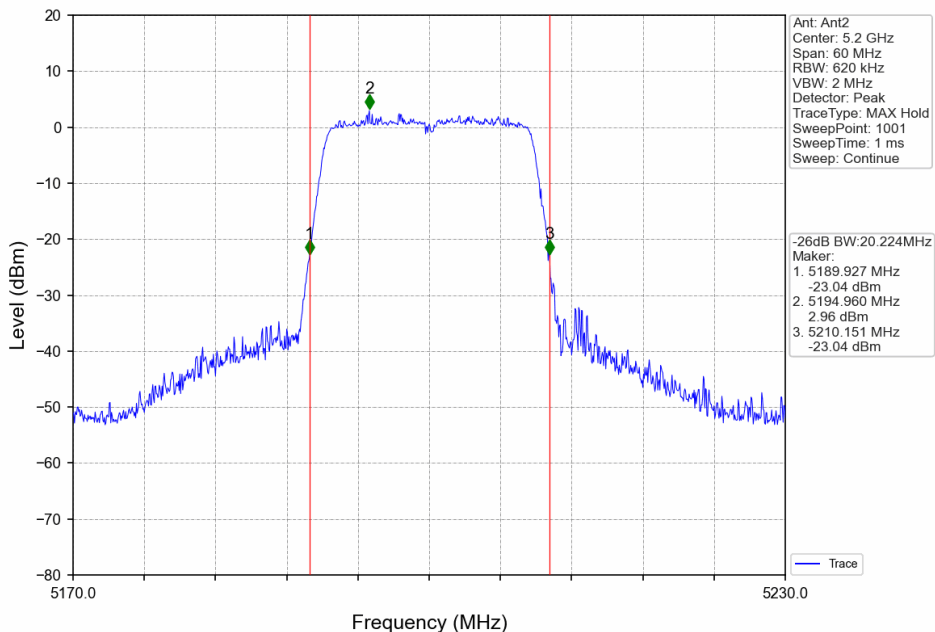
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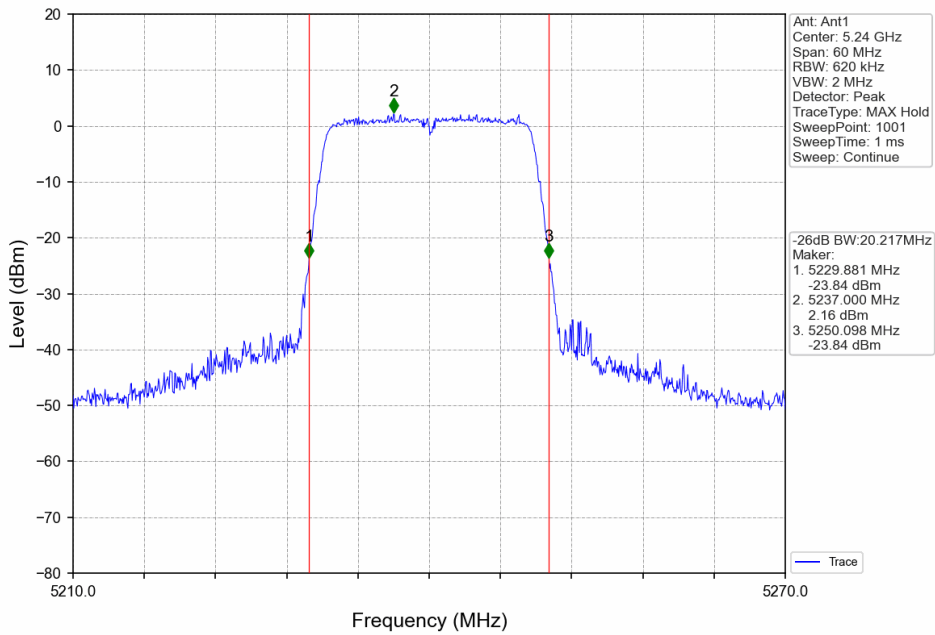
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



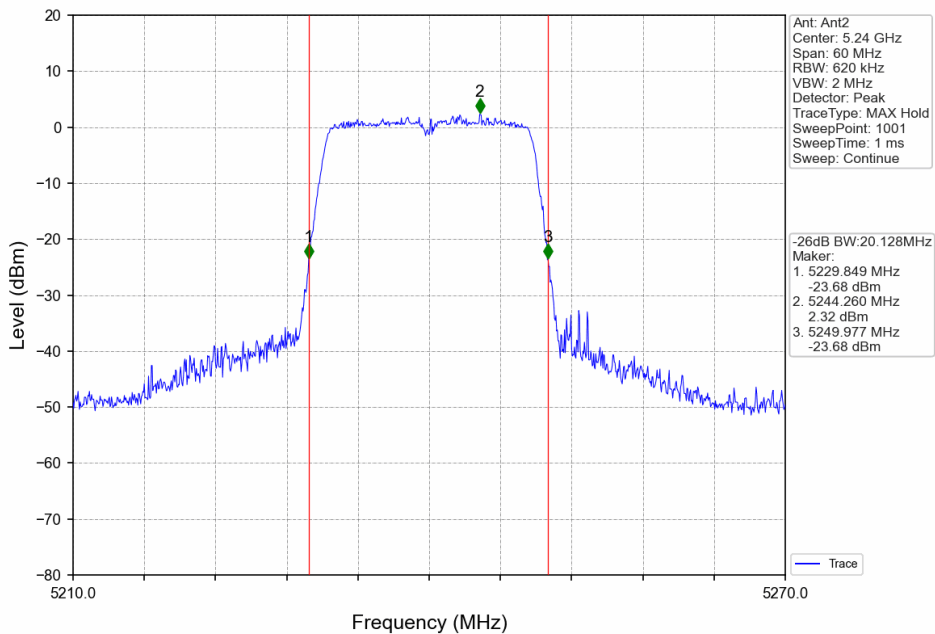
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



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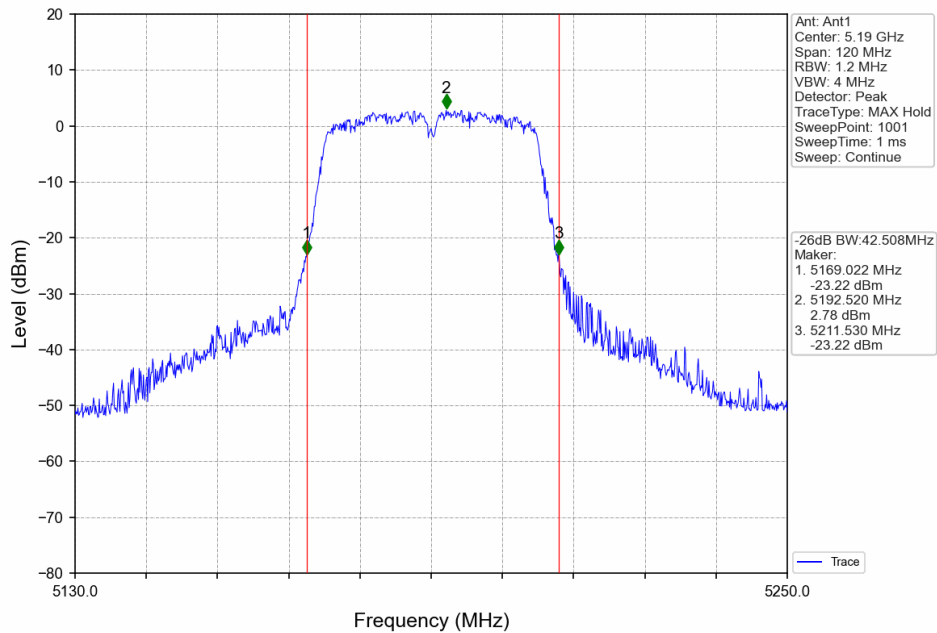


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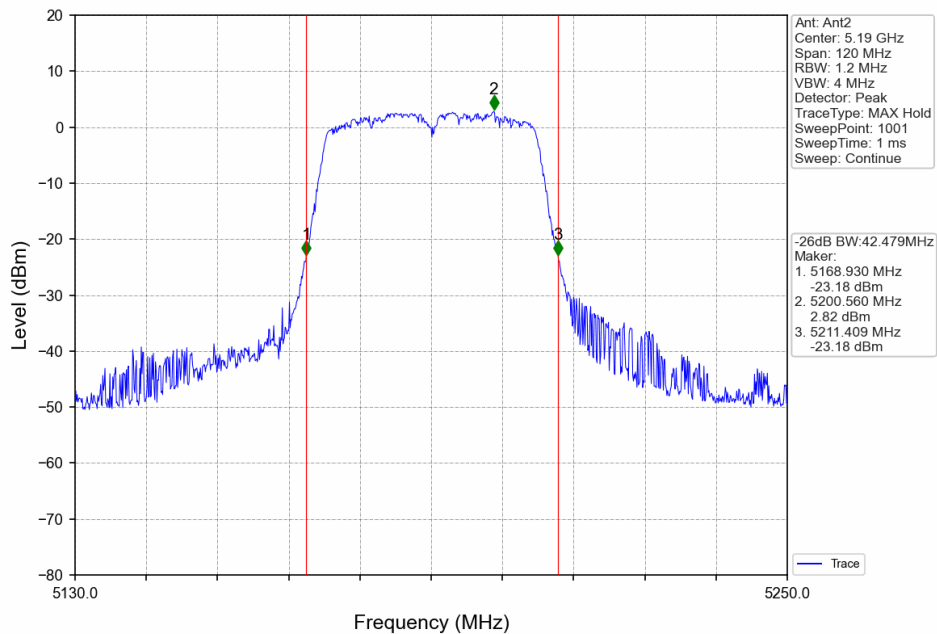
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



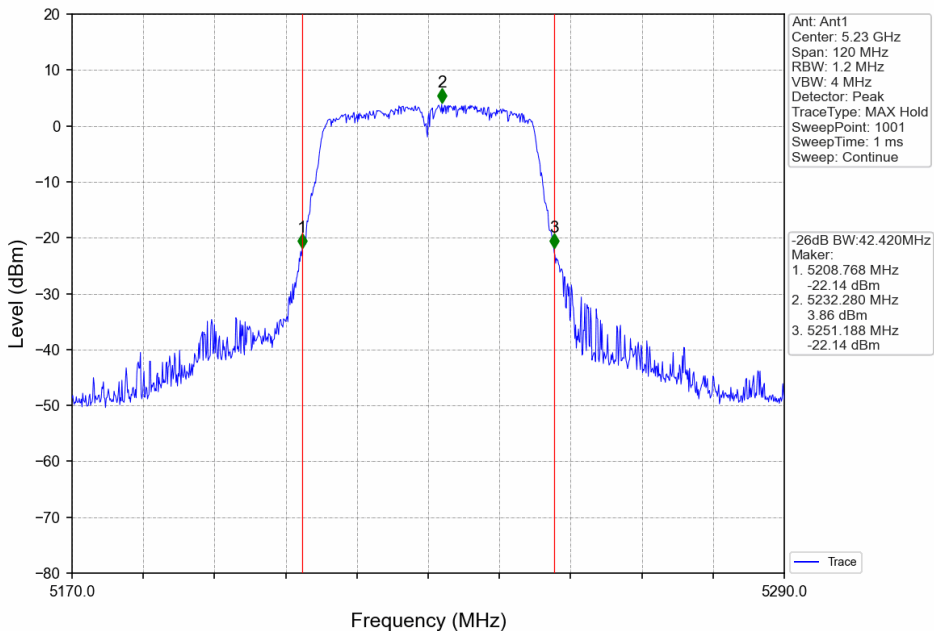
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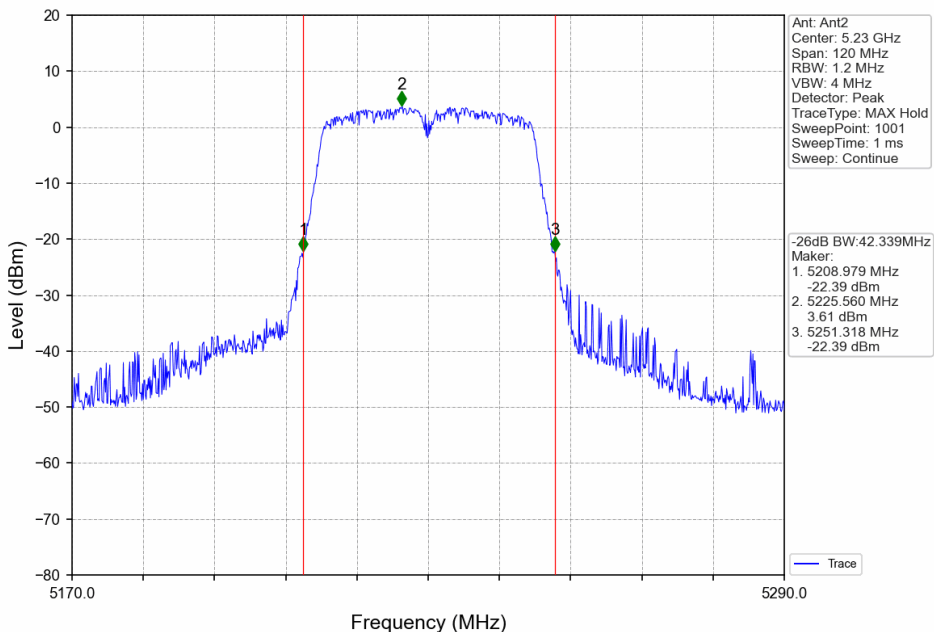
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



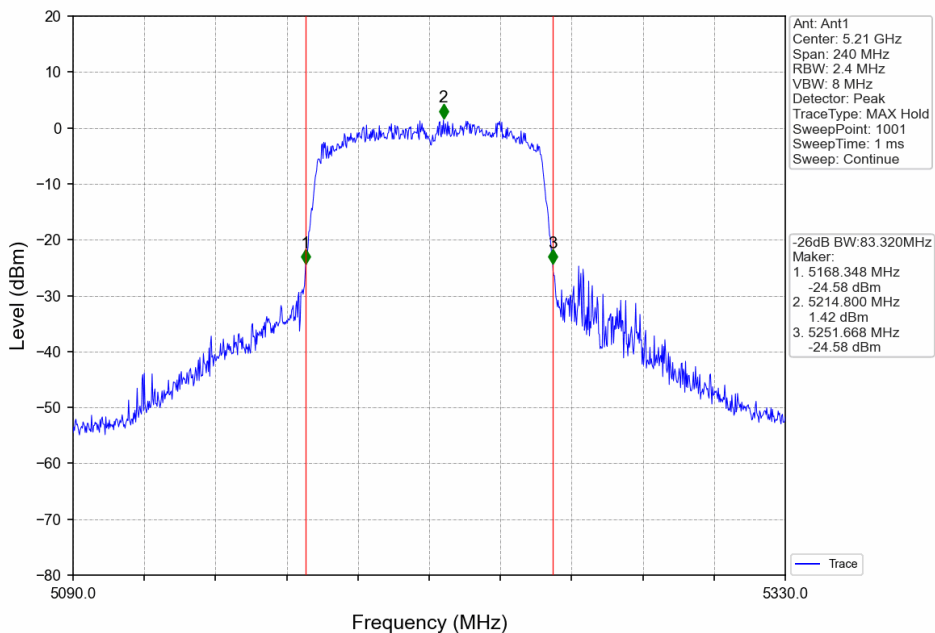
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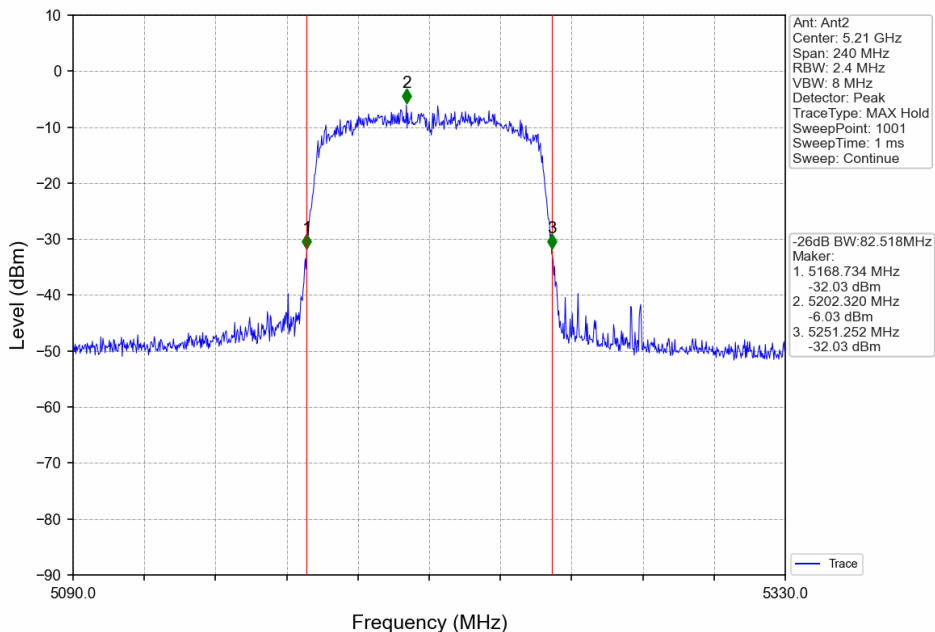
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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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	7.61	8.09	/	<=23.98	Pass
		5200	7.53	8.01	/	<=23.98	Pass
		5240	8.35	7.98	/	<=23.98	Pass
		5745	8.32	8.52	/	<=30	Pass
		5785	8.62	8.54	/	<=30	Pass
		5825	9.26	8.42	/	<=30	Pass
802.11n (HT20)	MIMO	5180	6.85	7.71	10.31	<=23.63	Pass
		5200	7.22	7.88	10.57	<=23.63	Pass
		5240	8.00	7.81	10.92	<=23.63	Pass
		5745	7.98	8.39	11.20	<=29.65	Pass
		5785	8.70	8.43	11.58	<=29.65	Pass
		5825	9.16	8.26	11.74	<=29.65	Pass
802.11n (HT40)	MIMO	5190	6.13	6.36	9.26	<=23.63	Pass
		5230	7.67	7.45	10.57	<=23.63	Pass
		5755	8.00	8.07	11.05	<=29.65	Pass
		5795	8.32	7.92	11.13	<=29.65	Pass
802.11ac (VHT20)	MIMO	5180	7.10	7.97	10.57	<=23.63	Pass
		5200	7.45	8.15	10.82	<=23.63	Pass
		5240	8.28	8.27	11.29	<=23.63	Pass
		5745	8.23	8.72	11.49	<=29.65	Pass
		5785	8.58	8.71	11.66	<=29.65	Pass
		5825	9.16	8.59	11.89	<=29.65	Pass
802.11ac (VHT40)	MIMO	5190	6.65	7.42	10.06	<=23.63	Pass
		5230	8.54	8.47	11.52	<=23.63	Pass
		5755	9.23	9.21	12.23	<=29.65	Pass
		5795	9.17	8.87	12.03	<=29.65	Pass
802.11ac (VHT80)	MIMO	5210	8.32	8.05	11.20	<=23.63	Pass
		5775	10.36	10.04	13.21	<=29.65	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;
Note2: Directional Gain: 6.35dBi

3.1.2 EIRP 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	7.61	8.09	/	10.67	11.69	/	<=23.01	Pass
		5200	7.53	8.01	/	10.59	11.61	/	<=23.01	Pass
		5240	8.35	7.98	/	11.41	11.58	/	<=23.01	Pass
		5745	8.32	8.52	/	/	/	/	/	Pass
		5785	8.62	8.54	/	/	/	/	/	Pass
		5825	9.26	8.42	/	/	/	/	/	Pass
802.11n	MIMO	5180	6.85	7.71	10.31	9.91	11.31	13.68	<=23.01	Pass



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(HT20)		5200	7.22	7.88	10.57	10.28	11.48	13.93	<=23.01	Pass
		5240	8.00	7.81	10.92	11.06	11.41	14.25	<=23.01	Pass
		5745	7.98	8.39	11.20	/	/	/	/	Pass
		5785	8.70	8.43	11.58	/	/	/	/	Pass
		5825	9.16	8.26	11.74	/	/	/	/	Pass
802.11n (HT40)	MIMO	5190	6.13	6.36	9.26	9.19	9.96	12.60	<=23.01	Pass
		5230	7.67	7.45	10.57	10.73	11.05	13.90	<=23.01	Pass
		5755	8.00	8.07	11.05	/	/	/	/	Pass
		5795	8.32	7.92	11.13	/	/	/	/	Pass
802.11ac (VHT20)	MIMO	5180	7.10	7.97	10.57	10.16	11.57	13.93	<=23.01	Pass
		5200	7.45	8.15	10.82	10.51	11.75	14.18	<=23.01	Pass
		5240	8.28	8.27	11.29	11.34	11.87	14.62	<=23.01	Pass
		5745	8.23	8.72	11.49	/	/	/	/	Pass
		5785	8.58	8.71	11.66	/	/	/	/	Pass
802.11ac (VHT40)	MIMO	5825	9.16	8.59	11.89	/	/	/	/	Pass
		5190	6.65	7.42	10.06	9.71	11.02	13.42	<=23.01	Pass
		5230	8.54	8.47	11.52	11.60	12.07	14.85	<=23.01	Pass
		5755	9.23	9.21	12.23	/	/	/	/	Pass
802.11ac (VHT80)	MIMO	5795	9.17	8.87	12.03	/	/	/	/	Pass
		5210	8.32	8.05	11.20			/	<=23.01	Pass
		5775	10.36	10.04	13.21	/	/	/	/	Pass

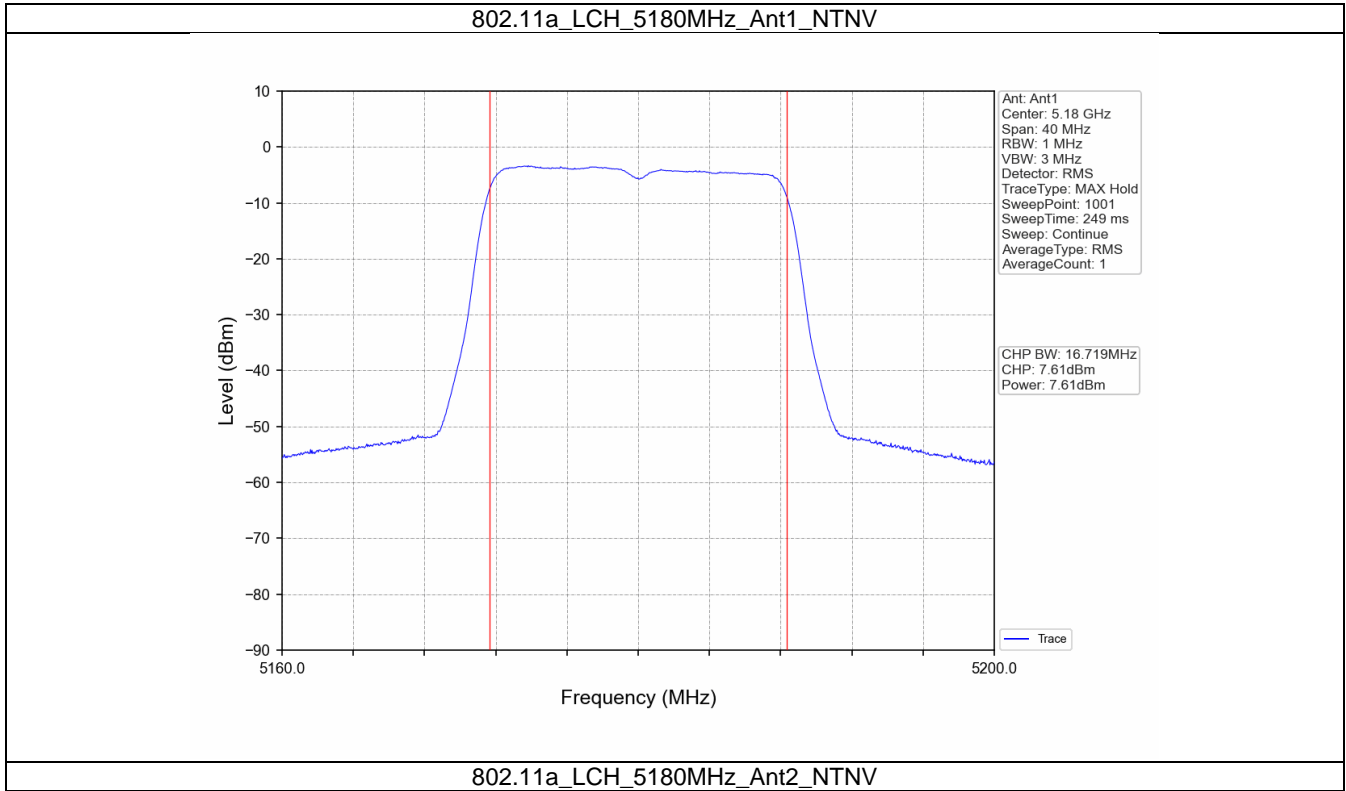
Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;
 Note2: E.I.R.P = Measured Power + Antenna Gain
 Note3: Directional Gain: 6.35dBi



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3.1.3 Test Graph

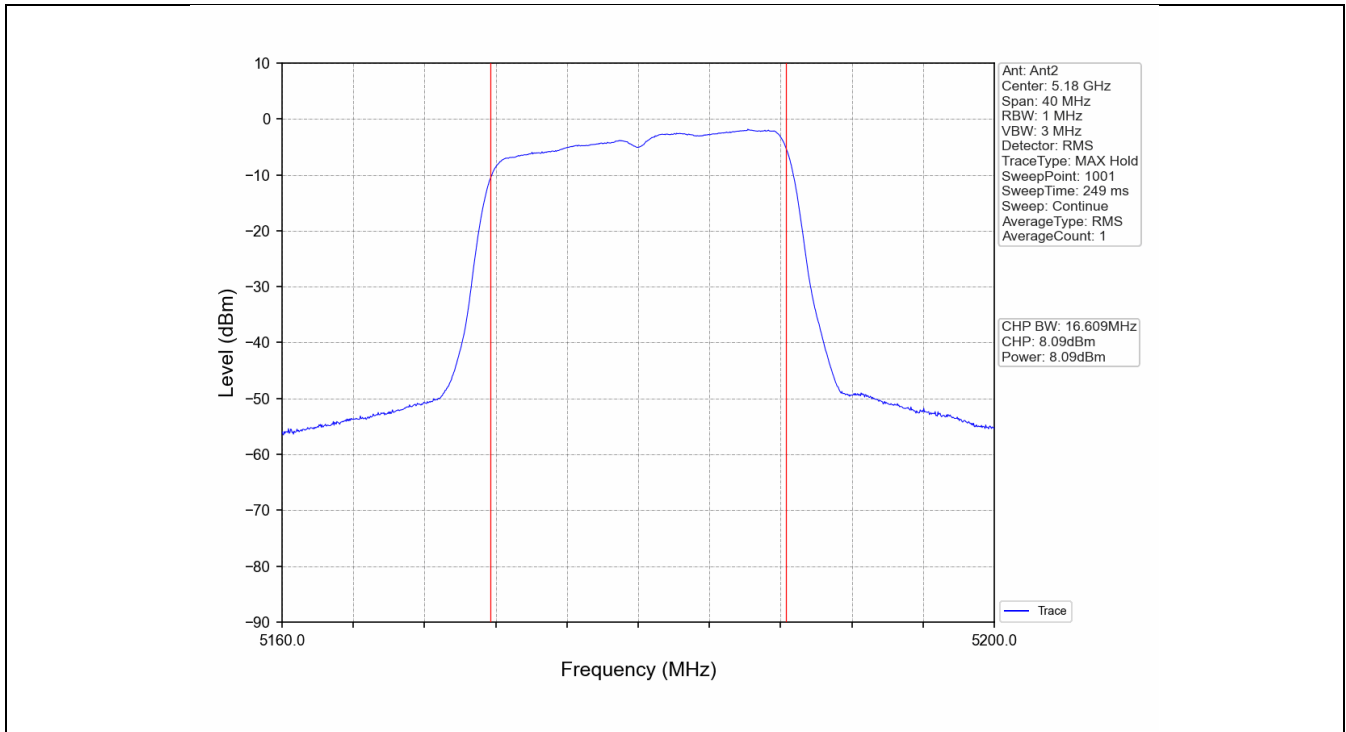


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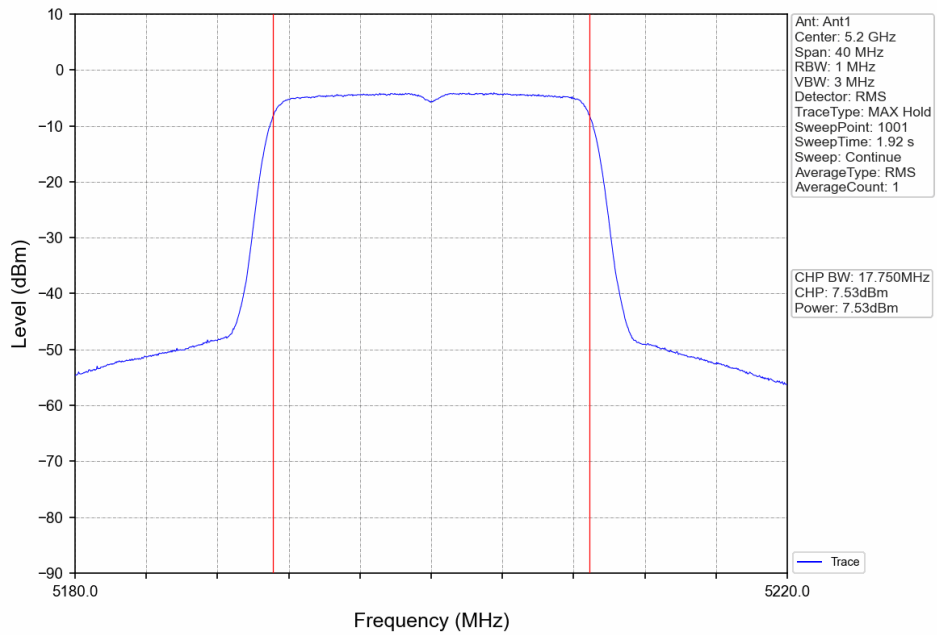
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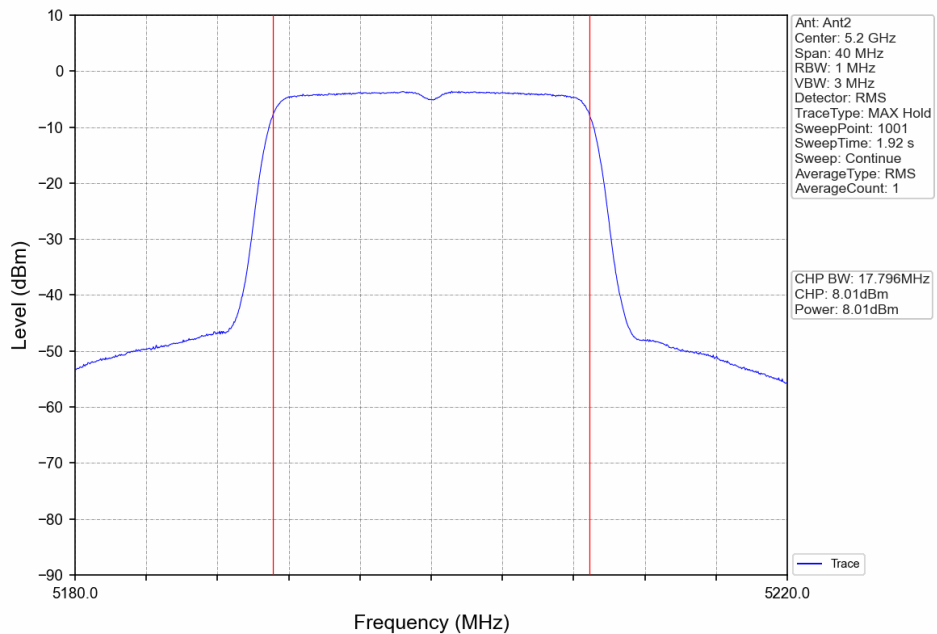
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802.11a_MCH_5200MHz_Ant2_NTNV



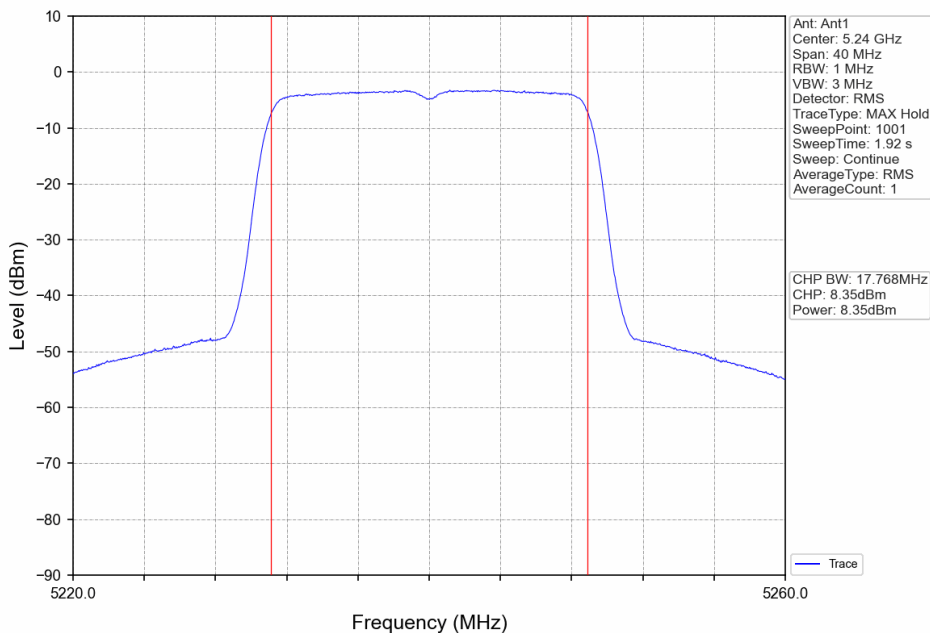
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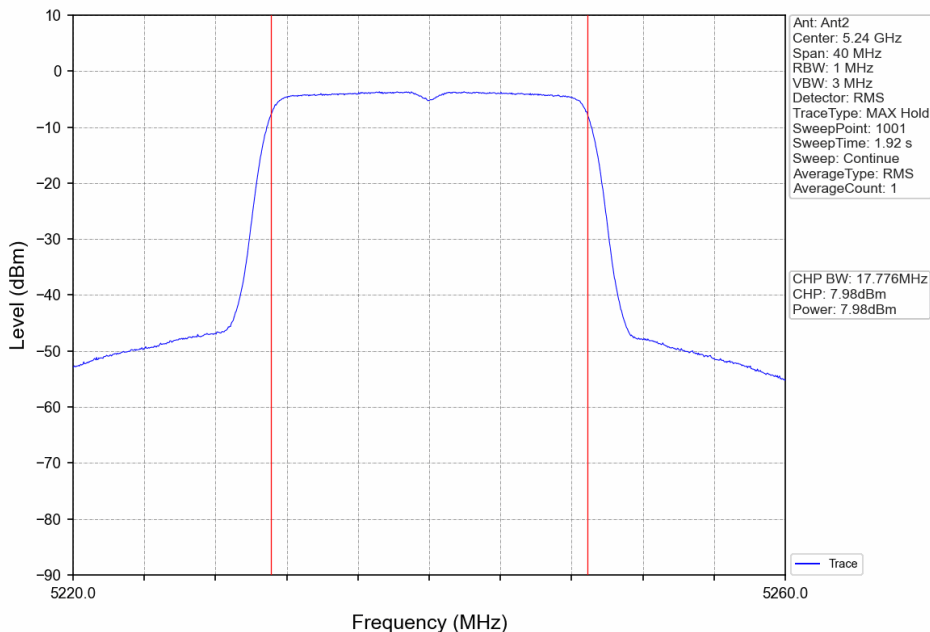
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802.11a_HCH_5240MHz_Ant2_NTNV



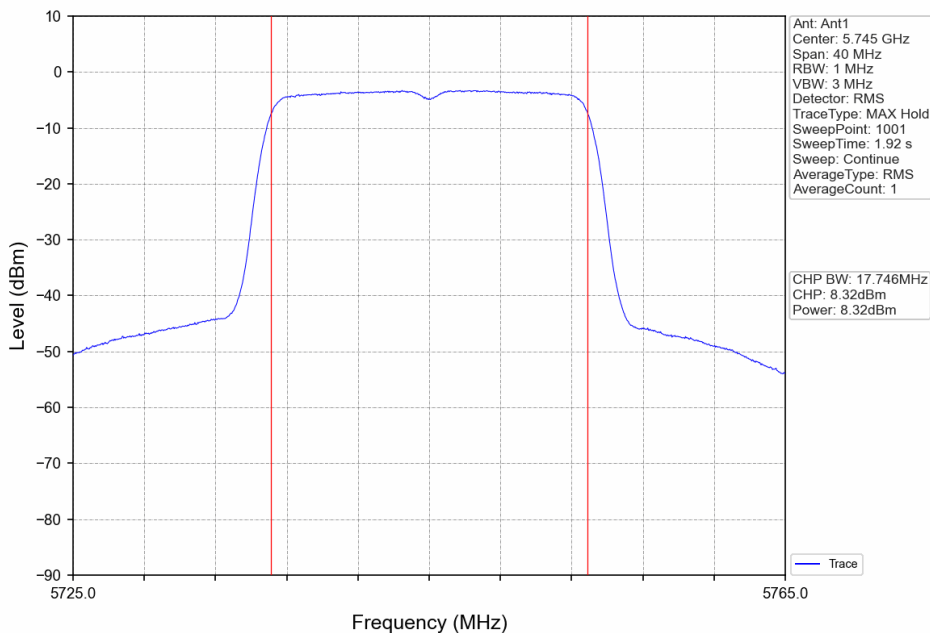
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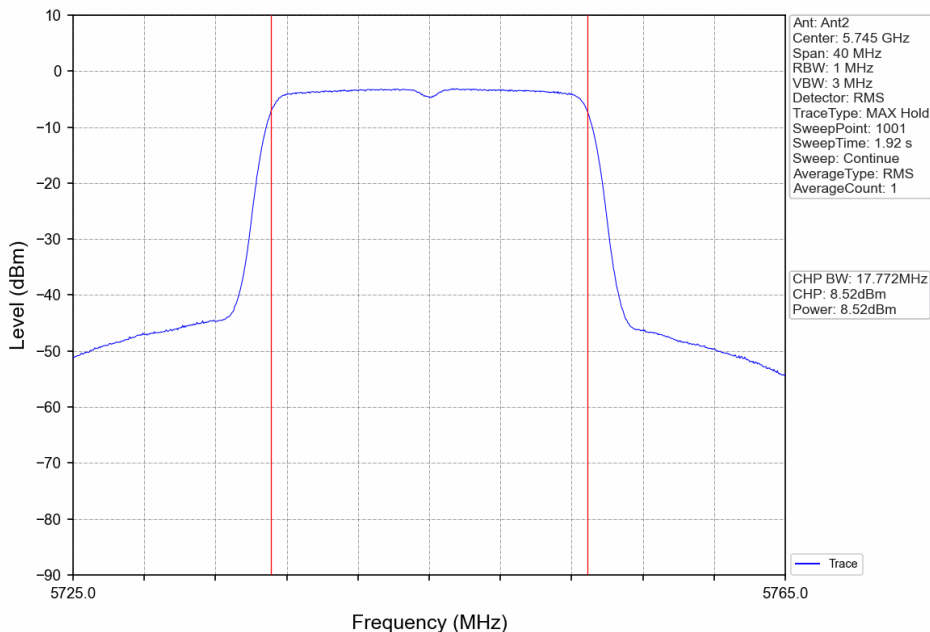
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802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant2_NTNV



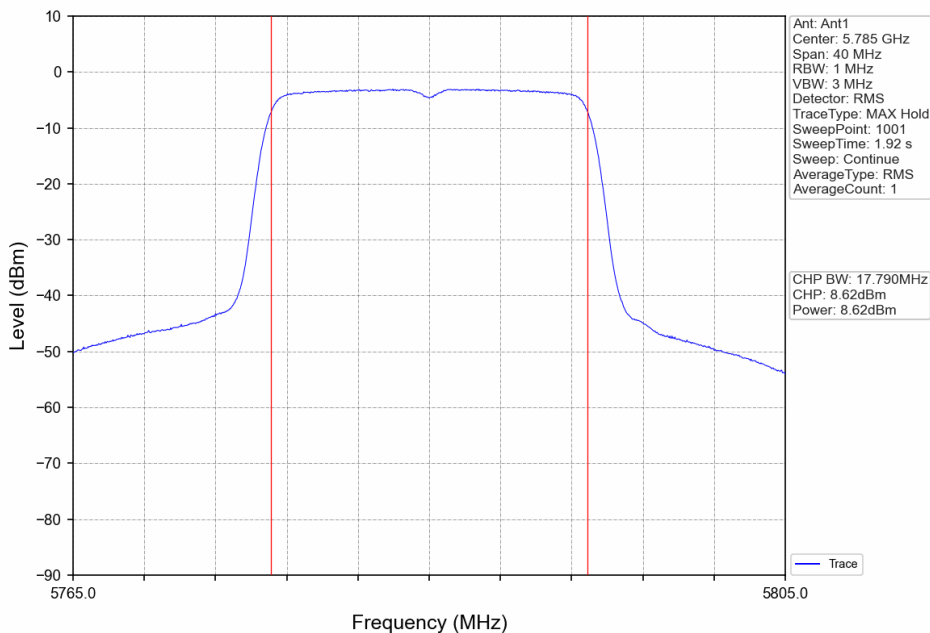
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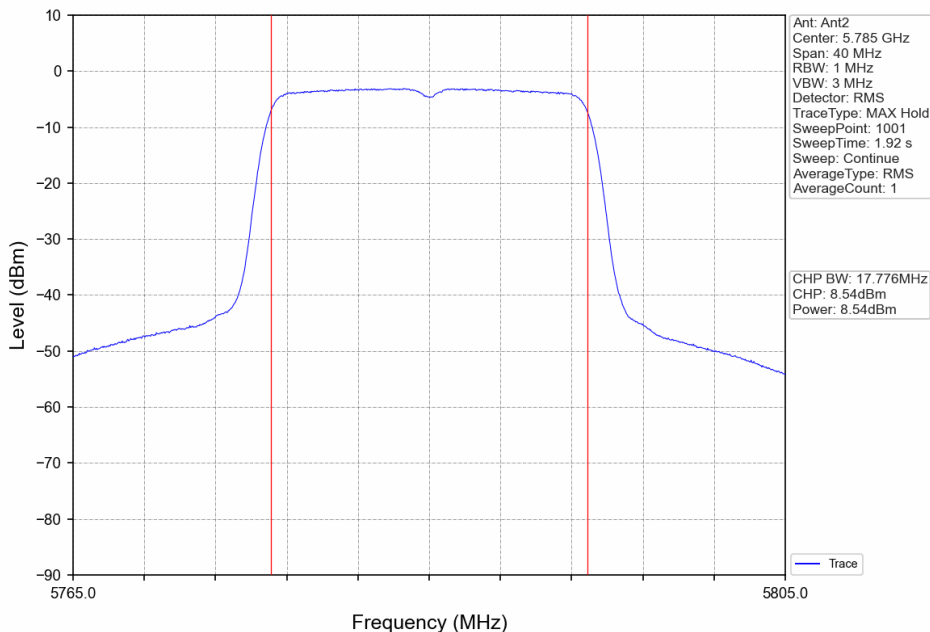
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



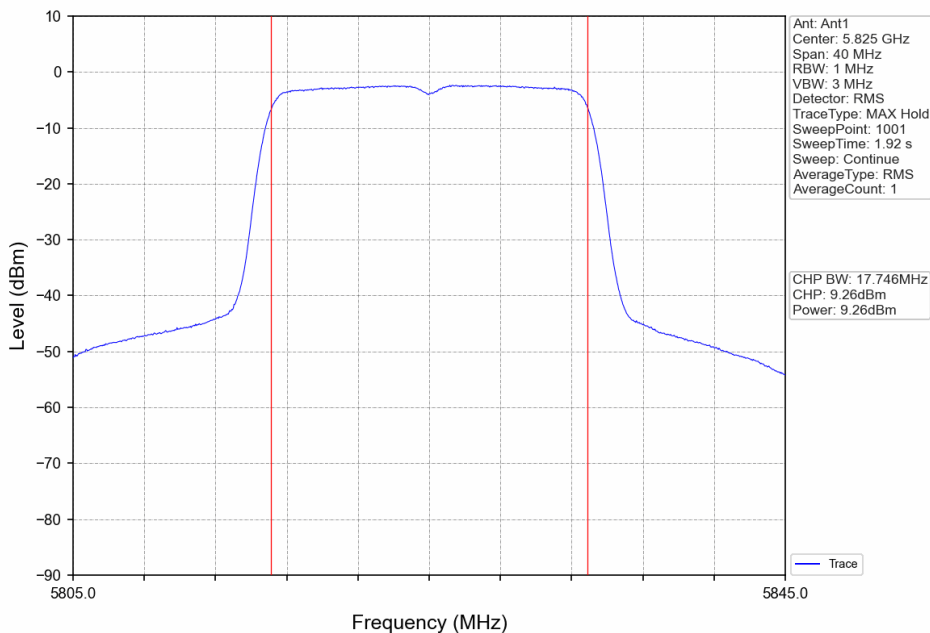
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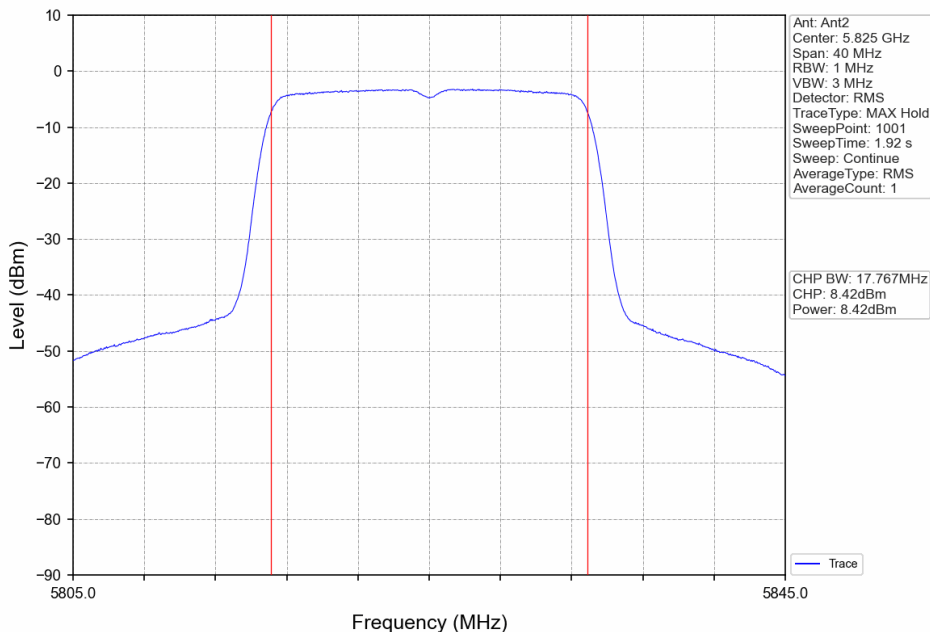
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



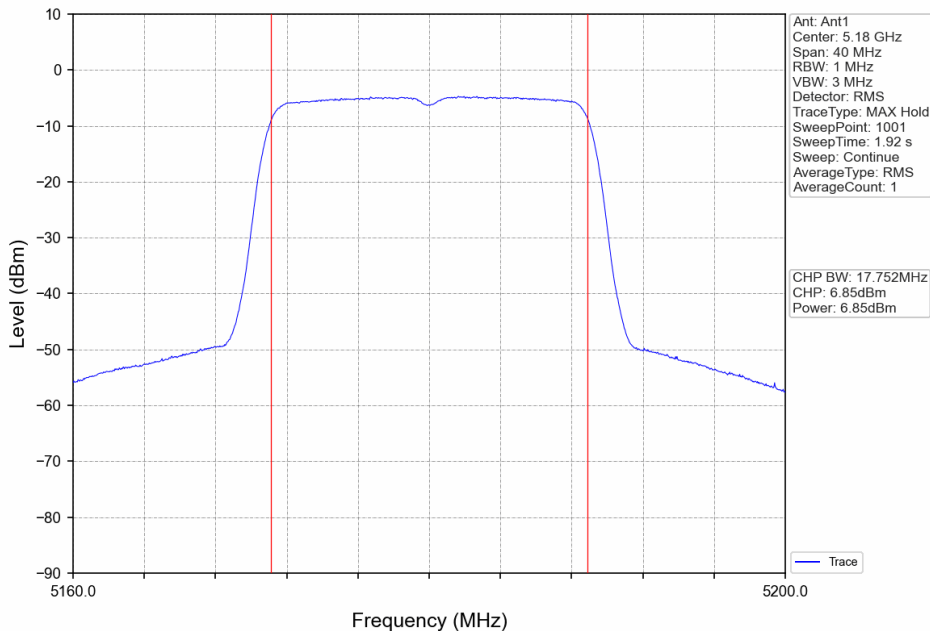
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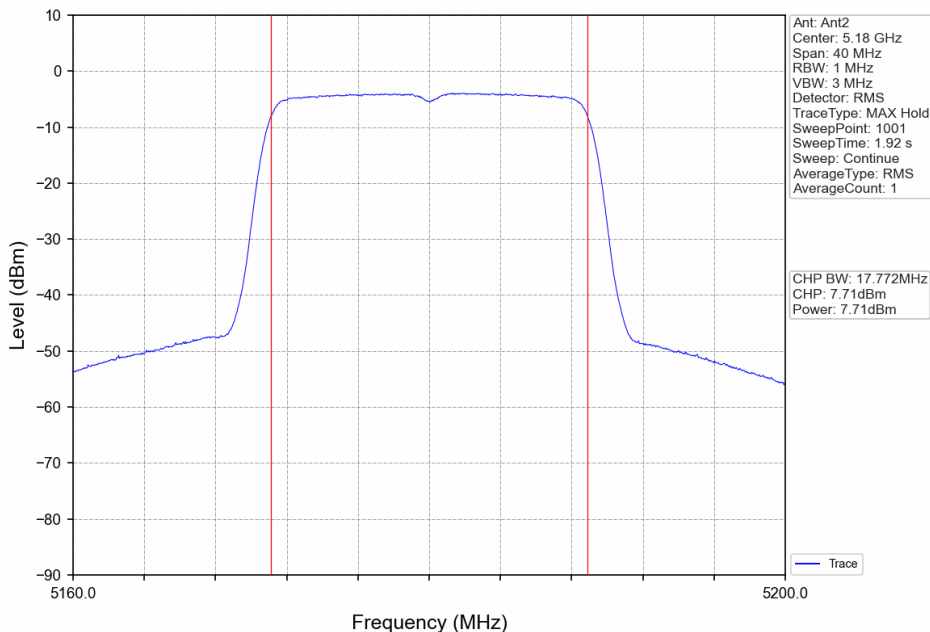
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

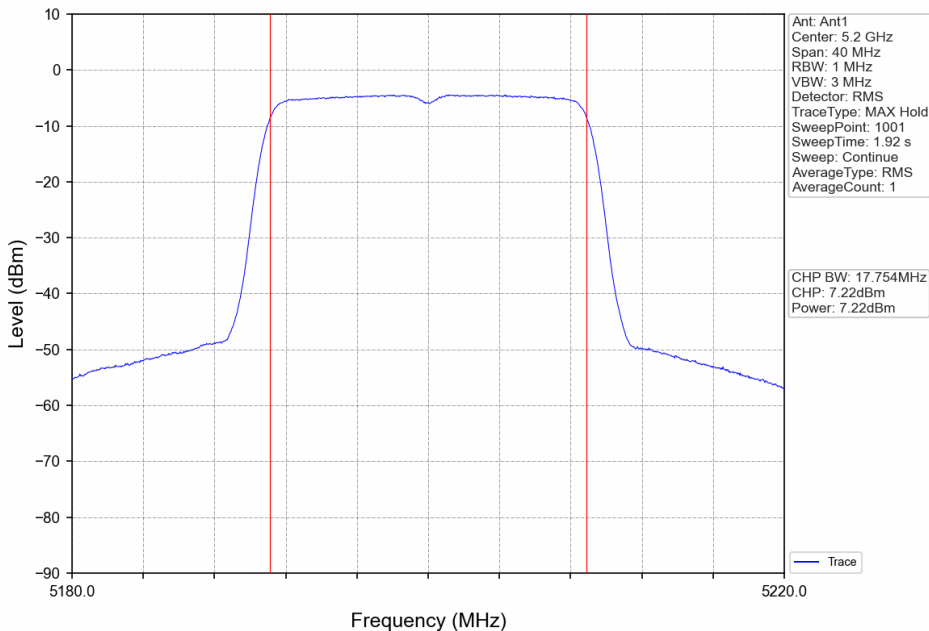


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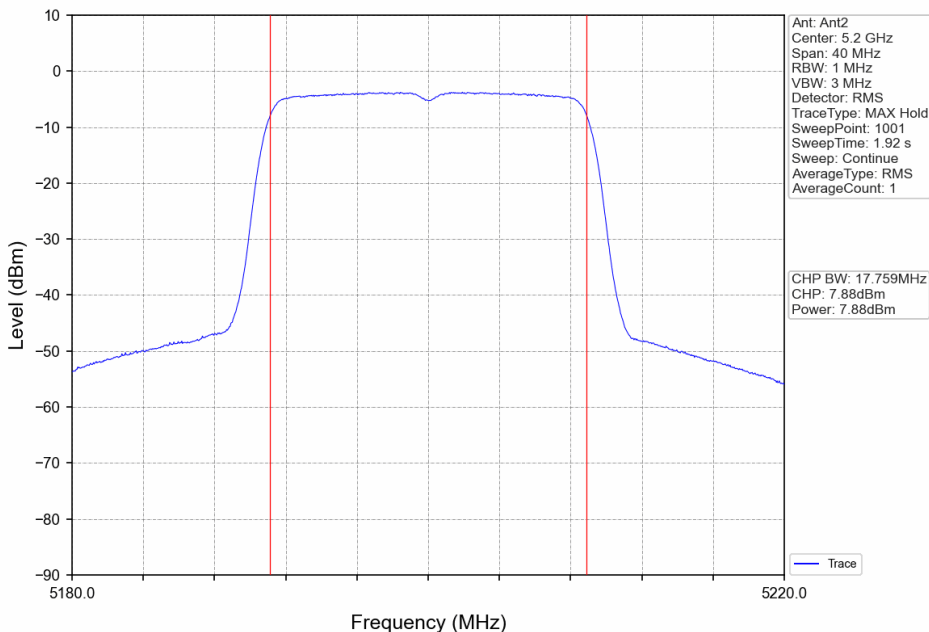


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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



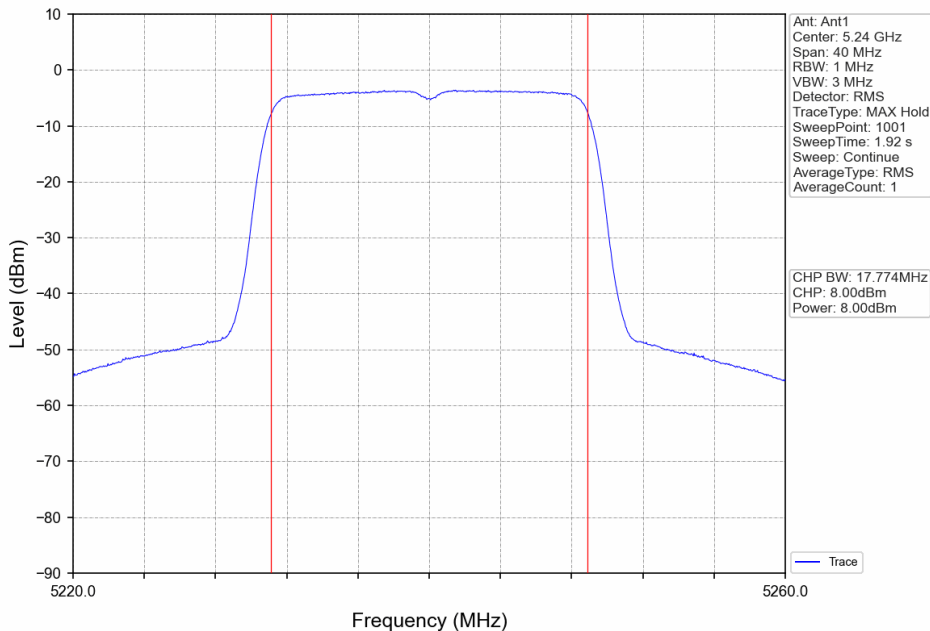
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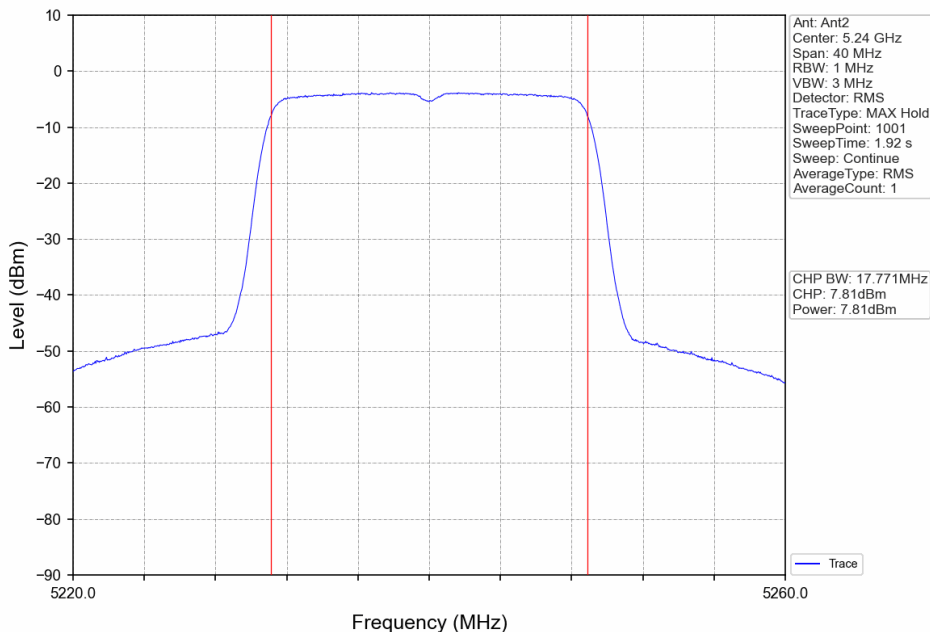
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



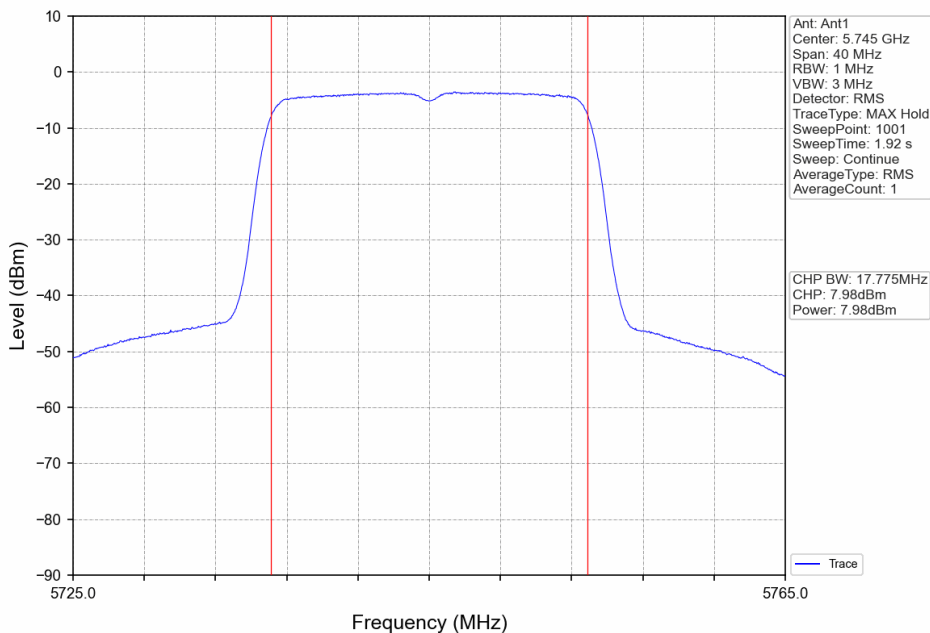
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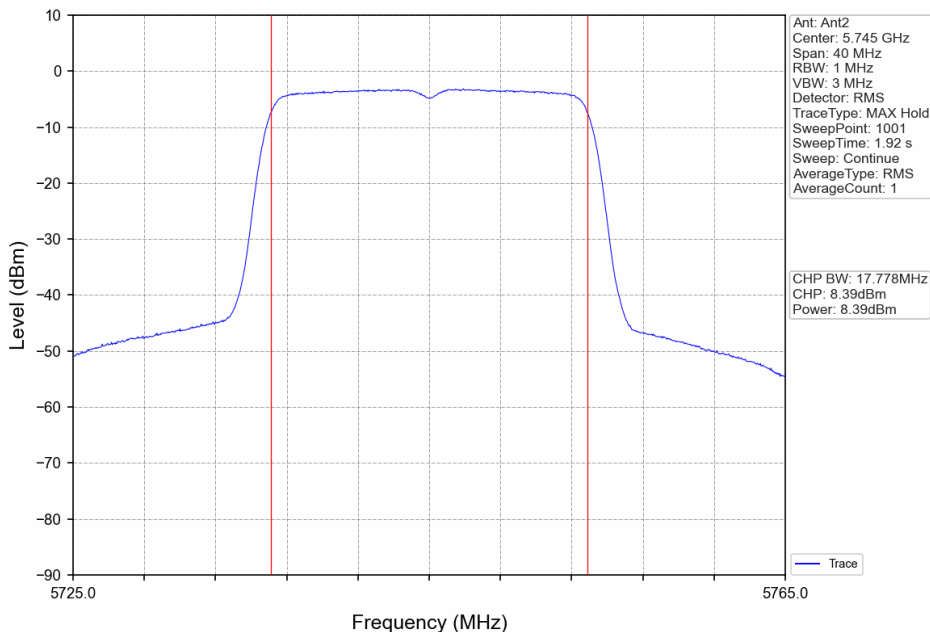
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802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



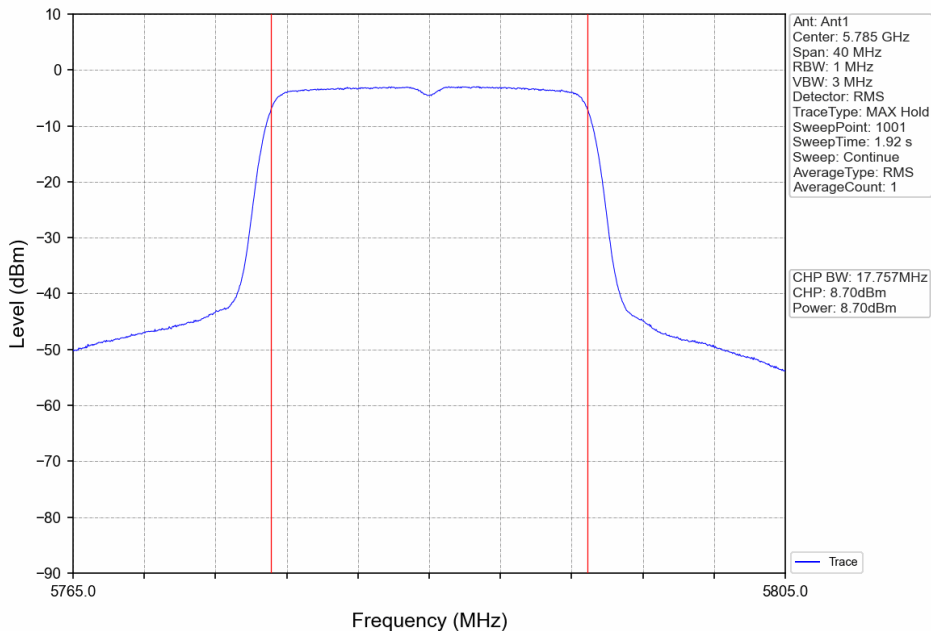
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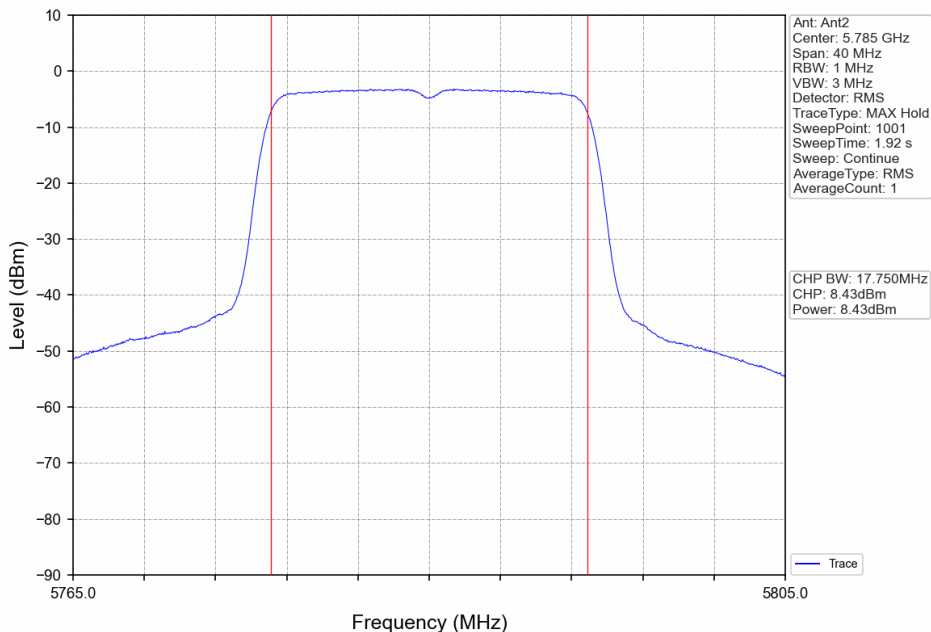
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

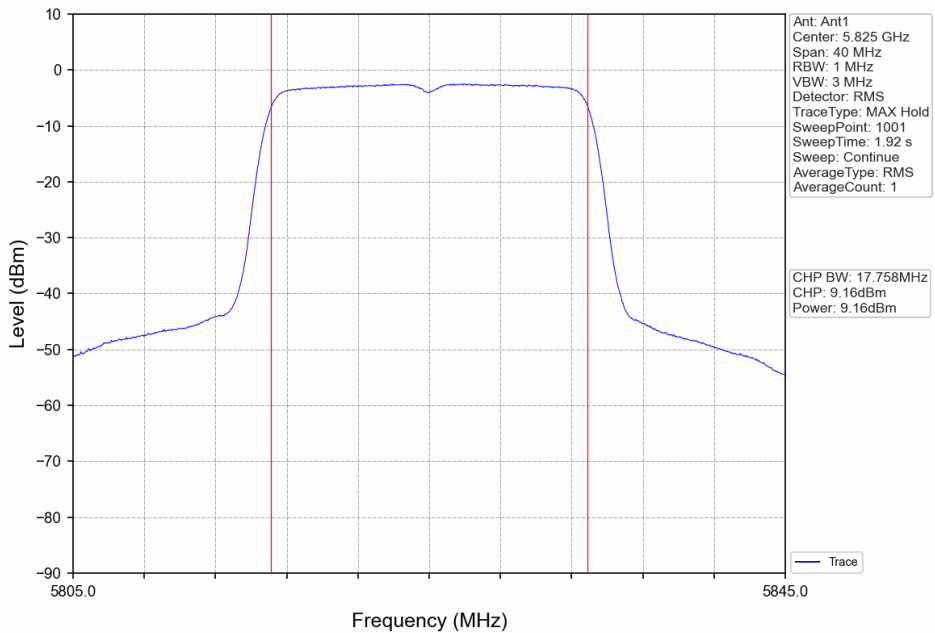


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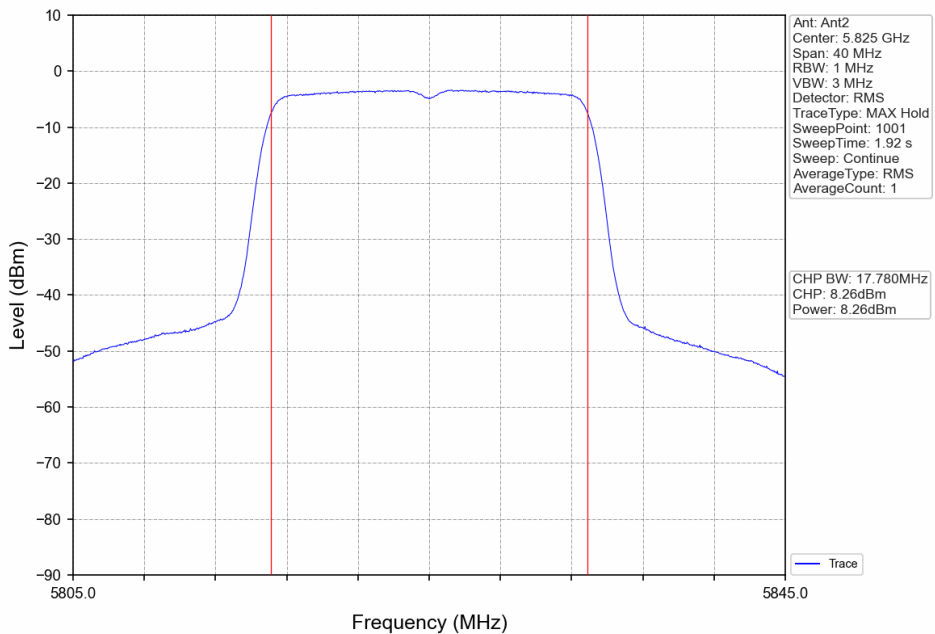


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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



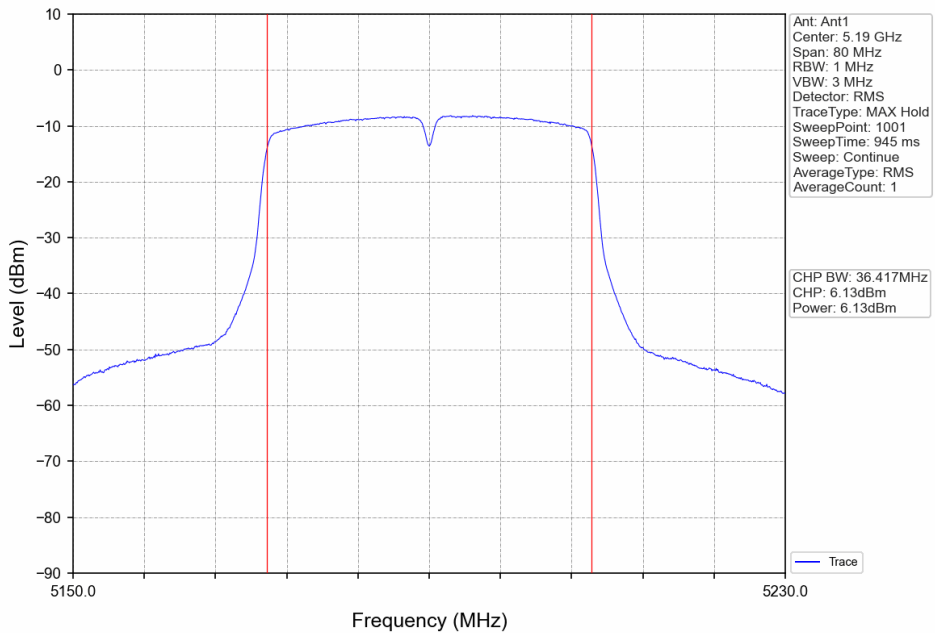
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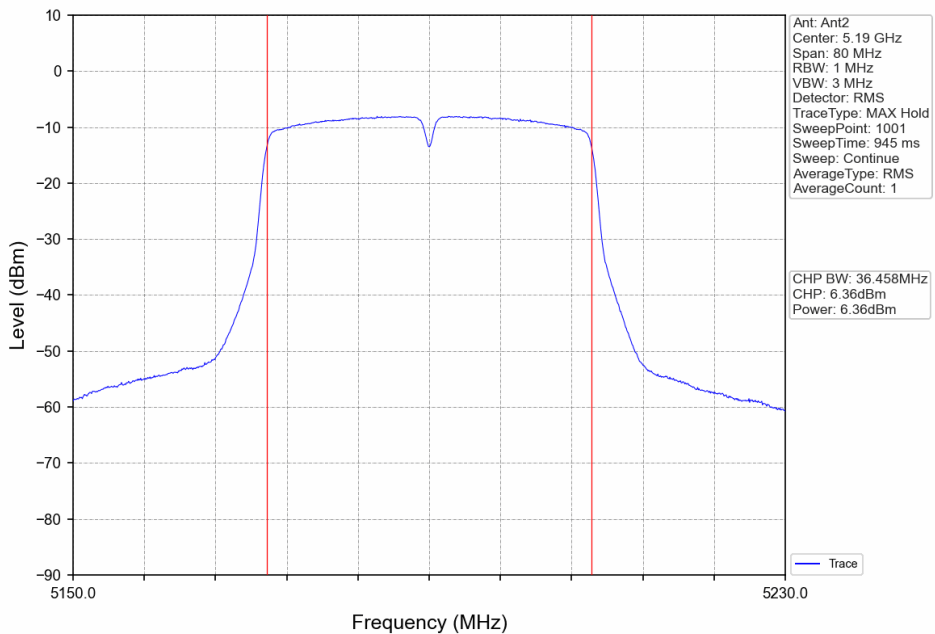
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

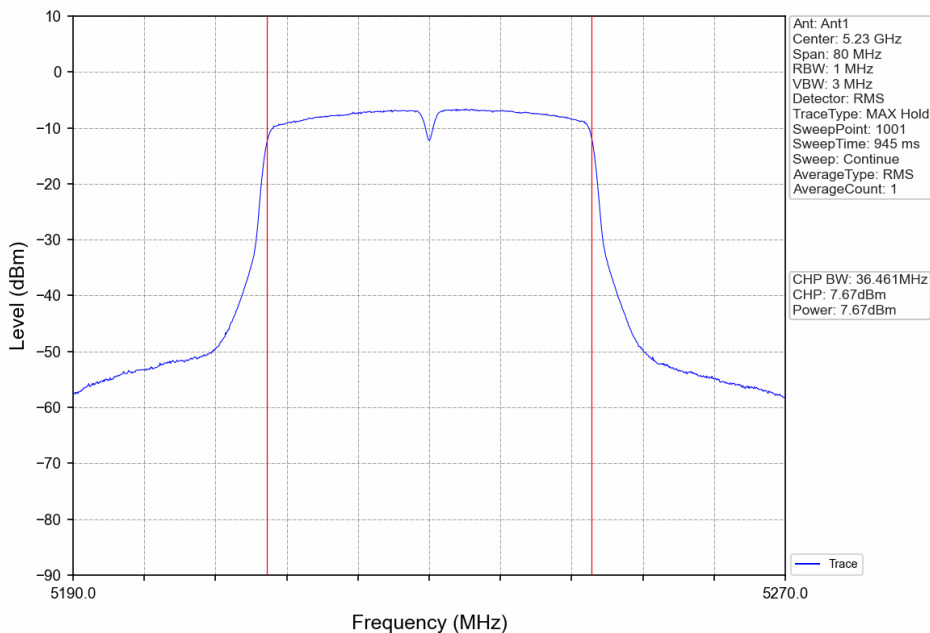


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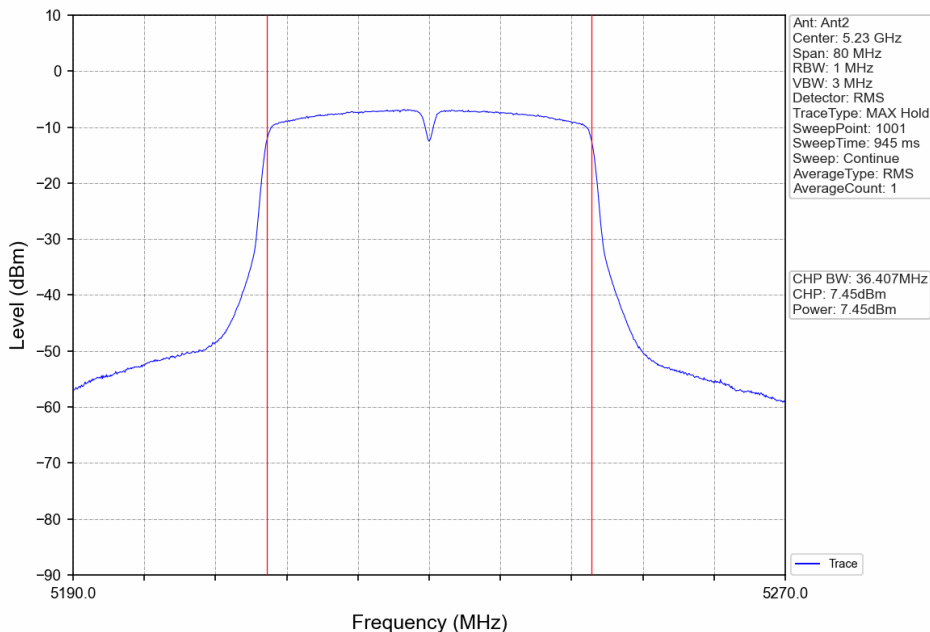


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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



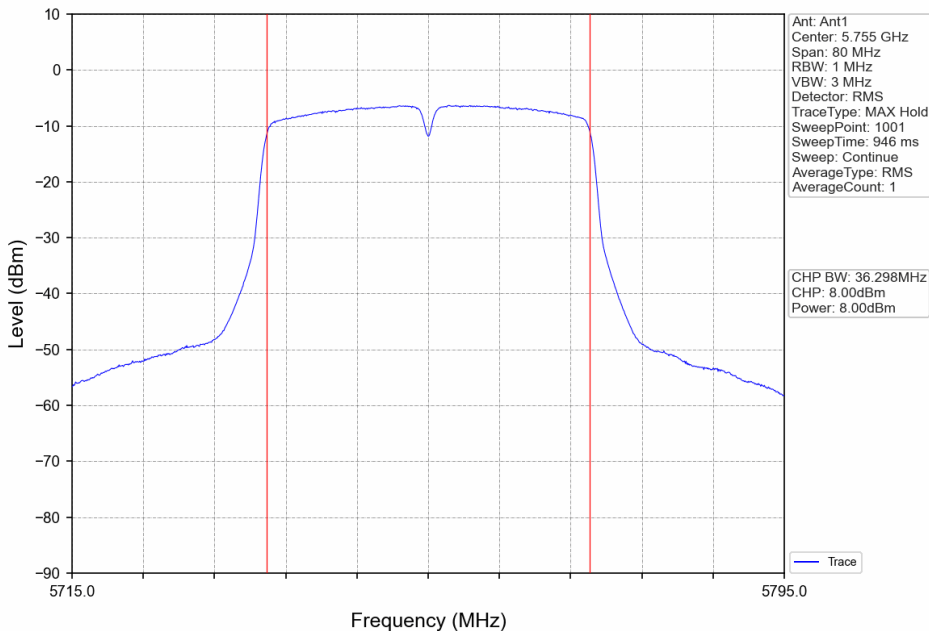
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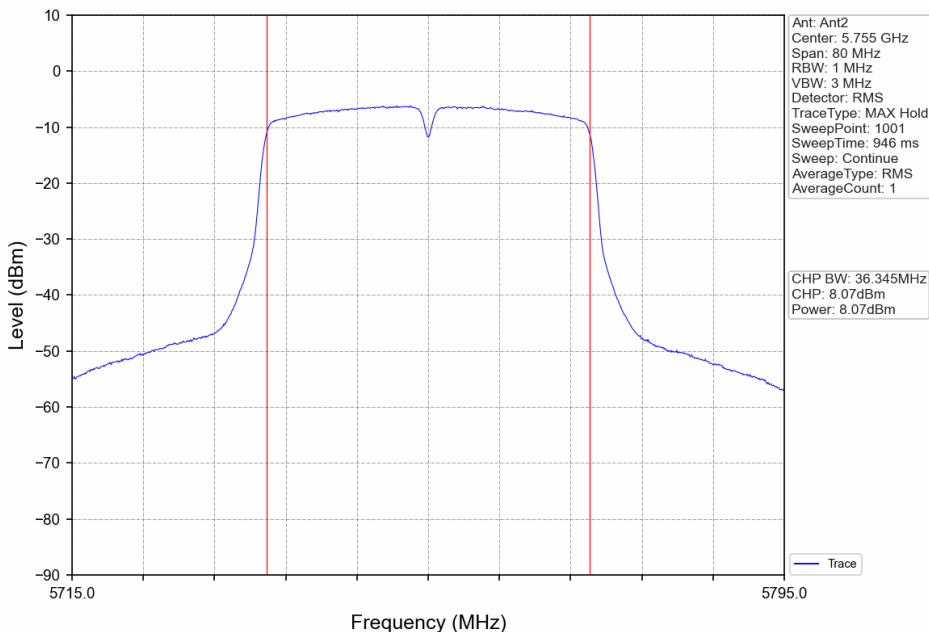
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

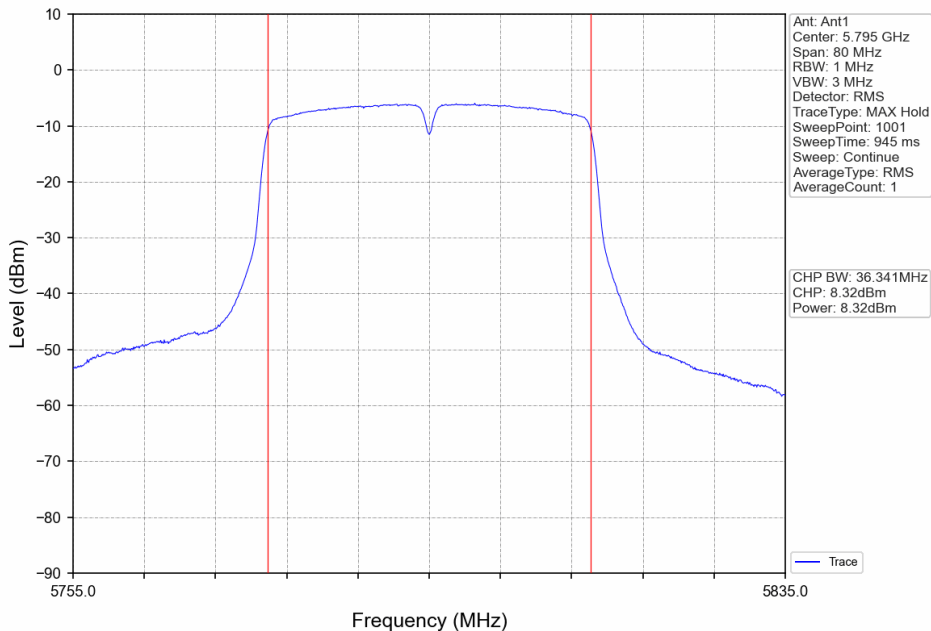


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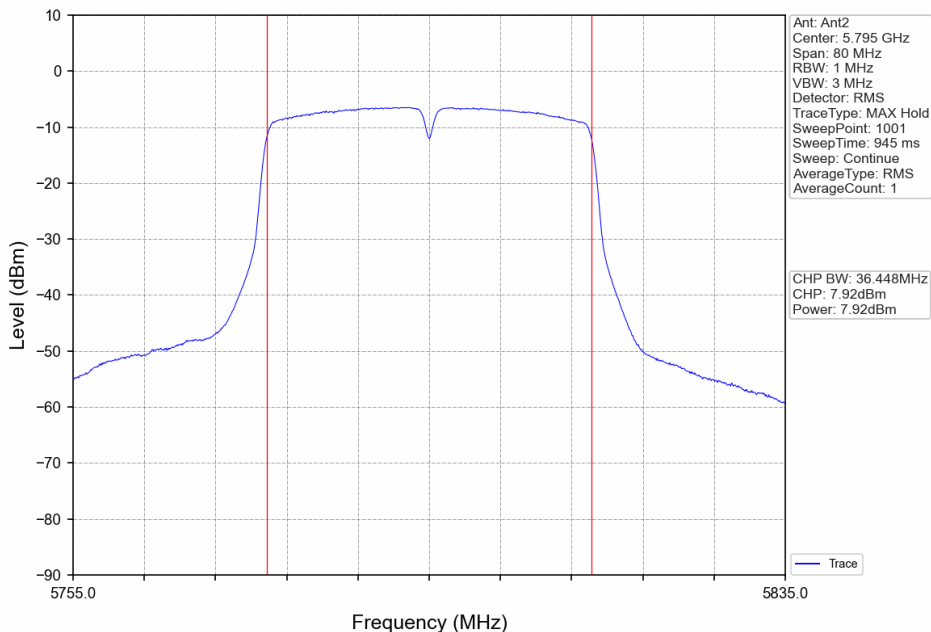


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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

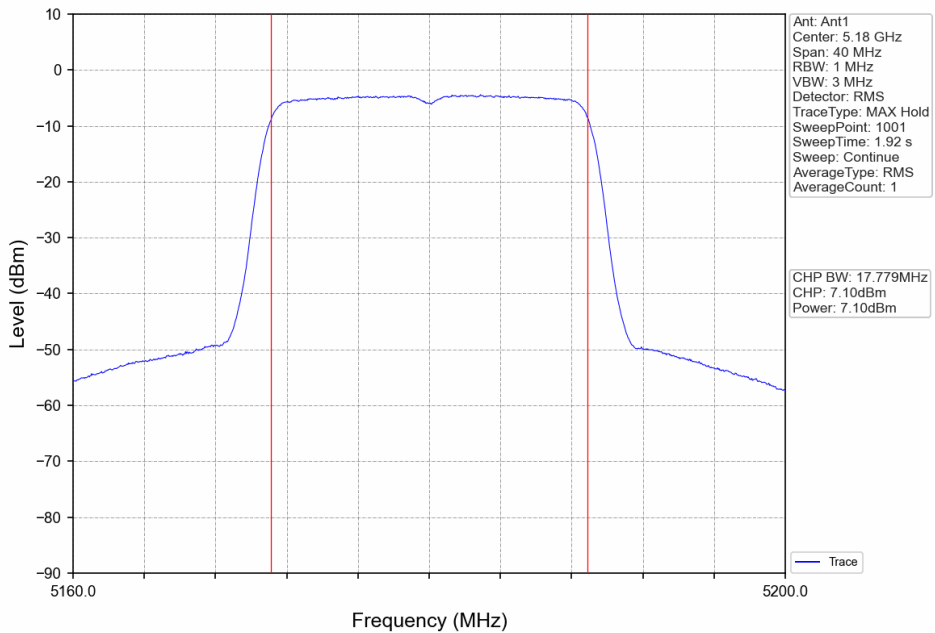


802.11n(HT40)_HCH_5795MHz_Ant2_NTNV

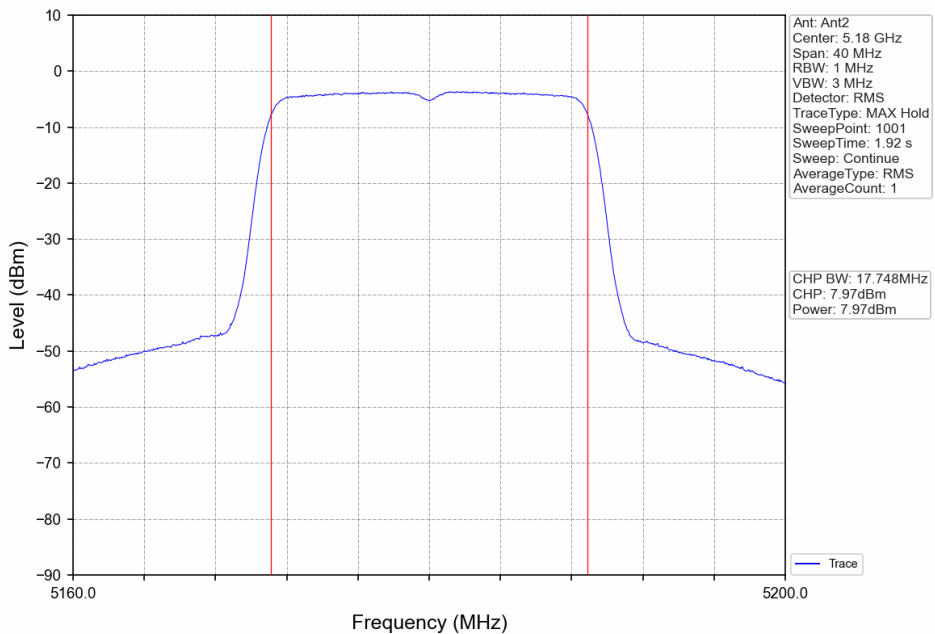


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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



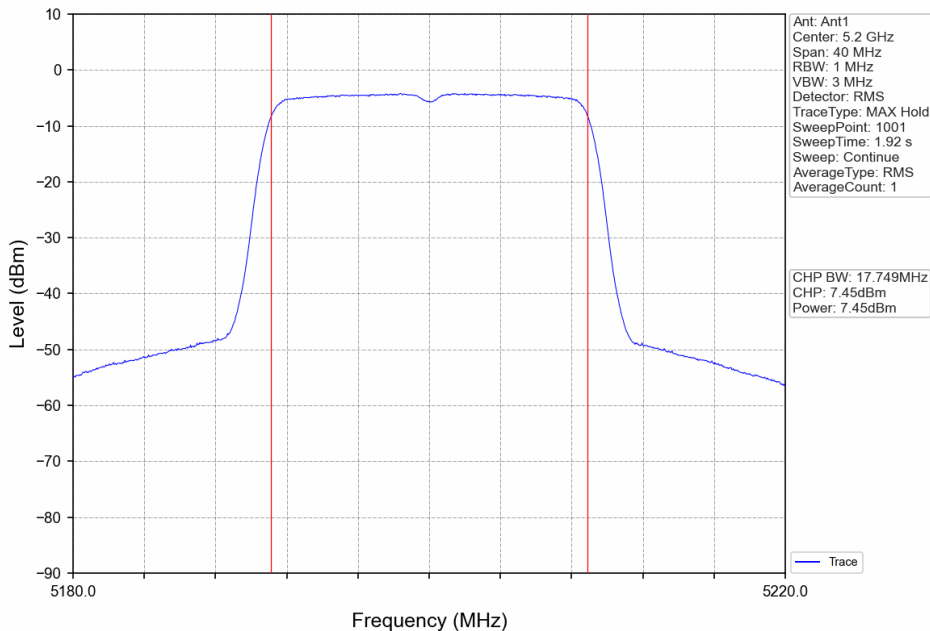
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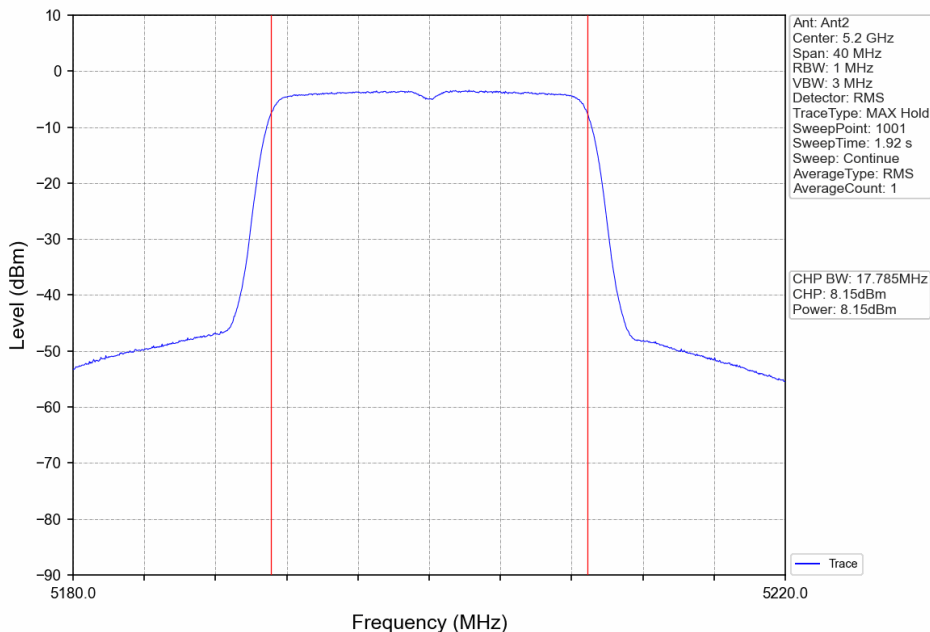
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

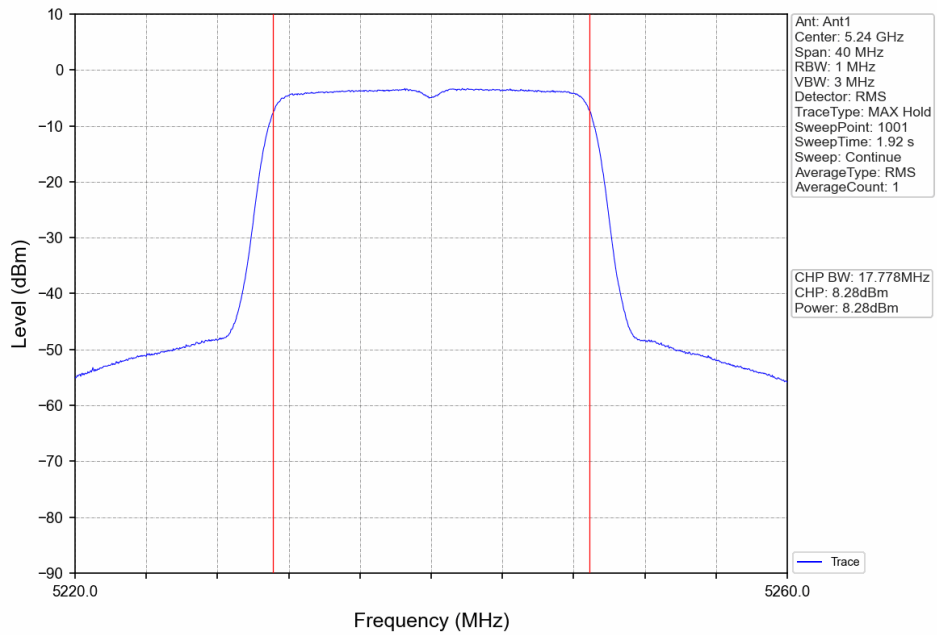


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

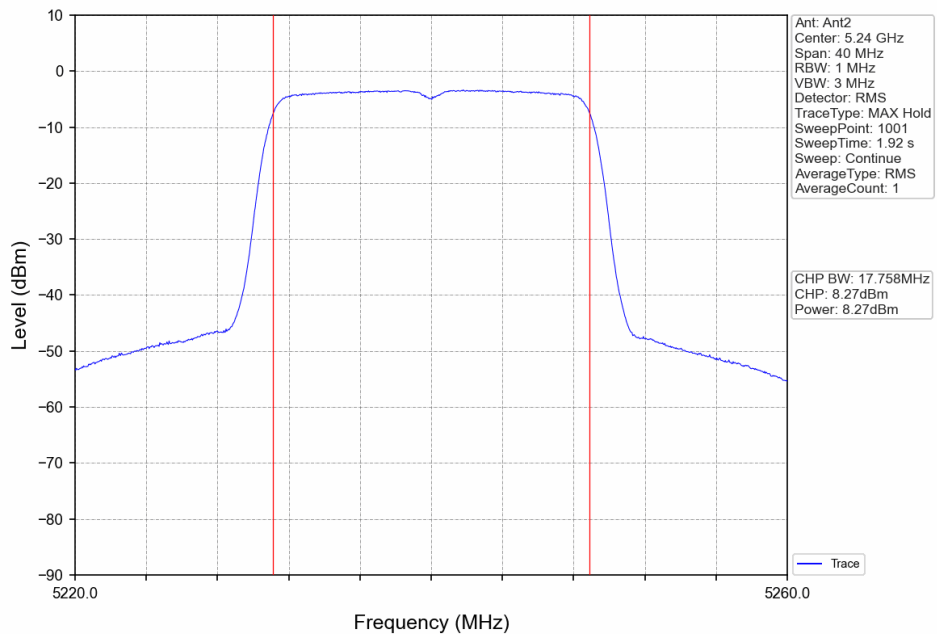


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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



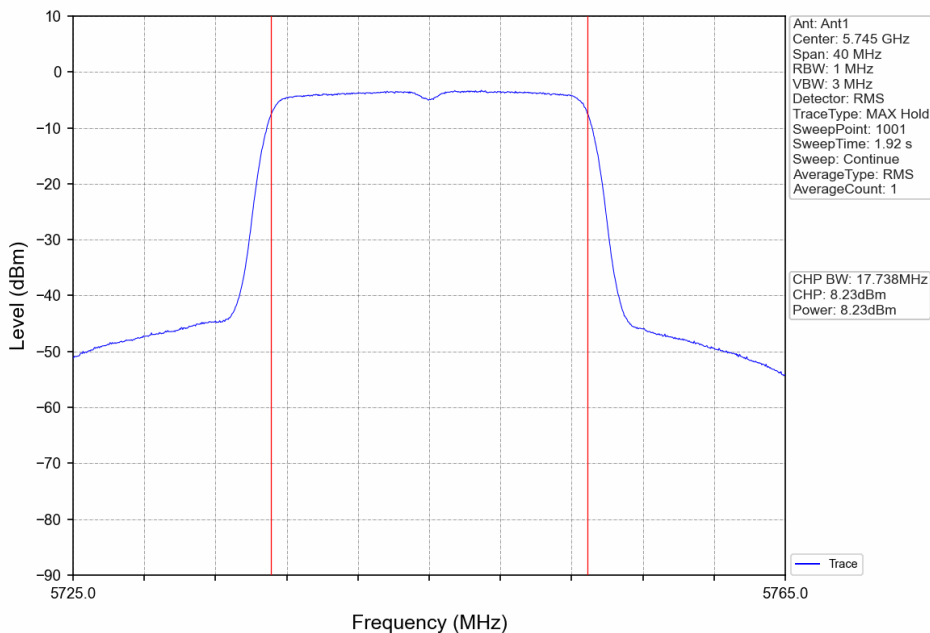
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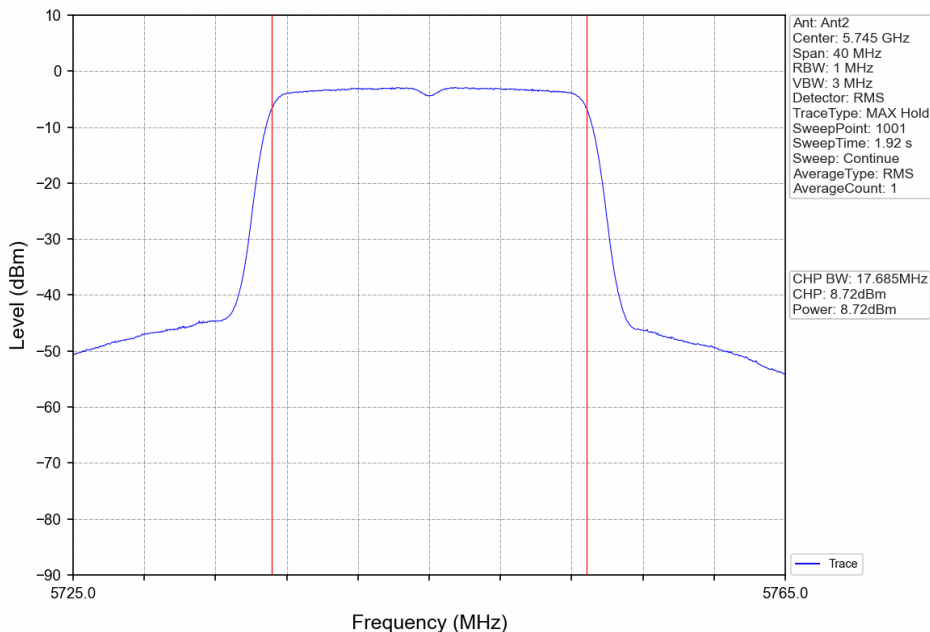
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



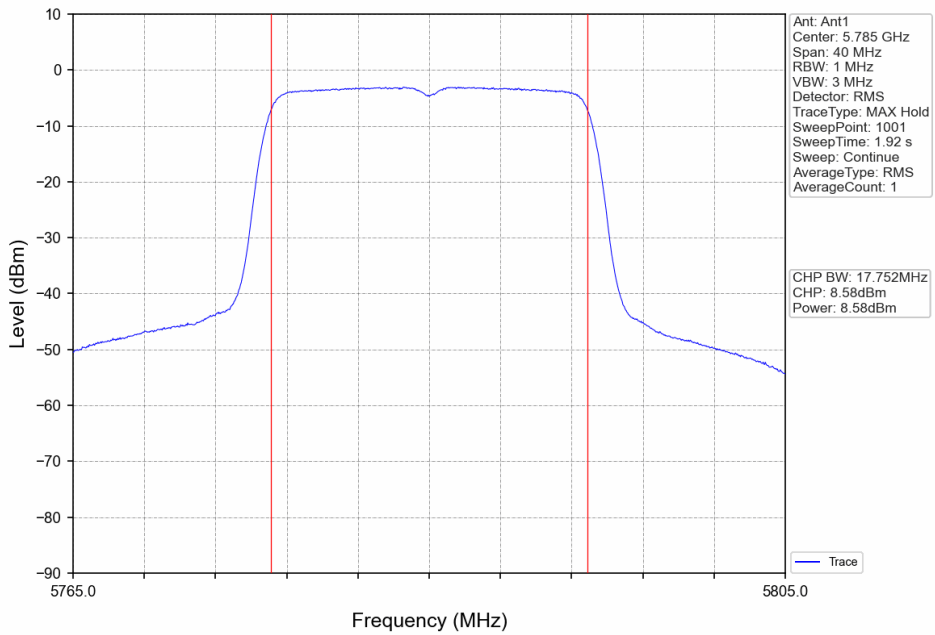
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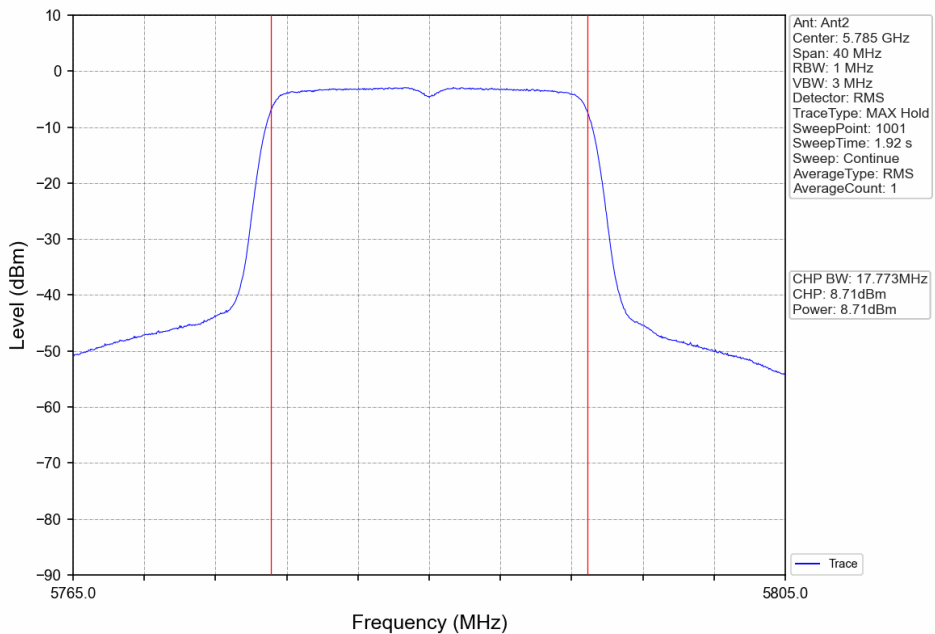
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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



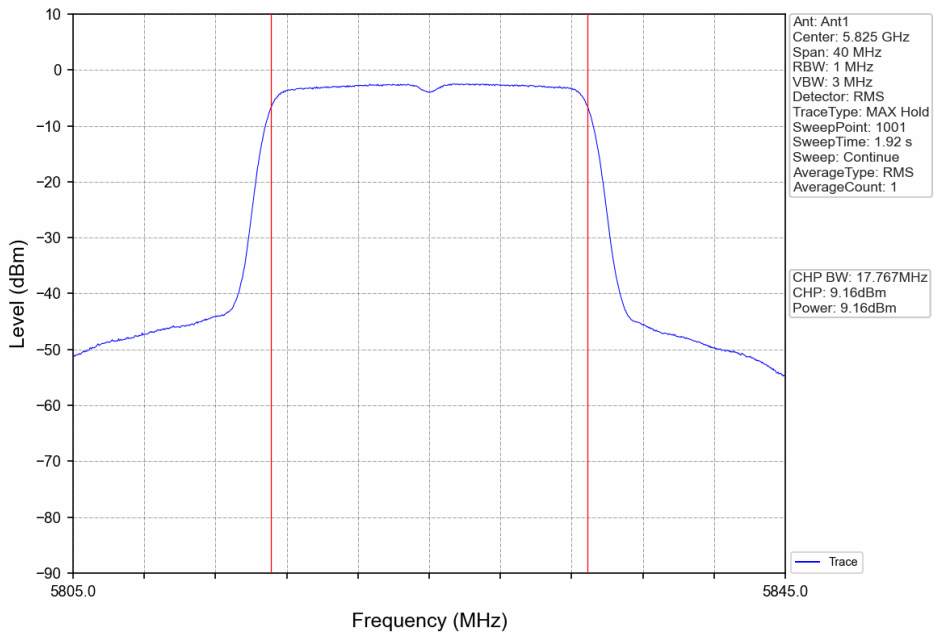
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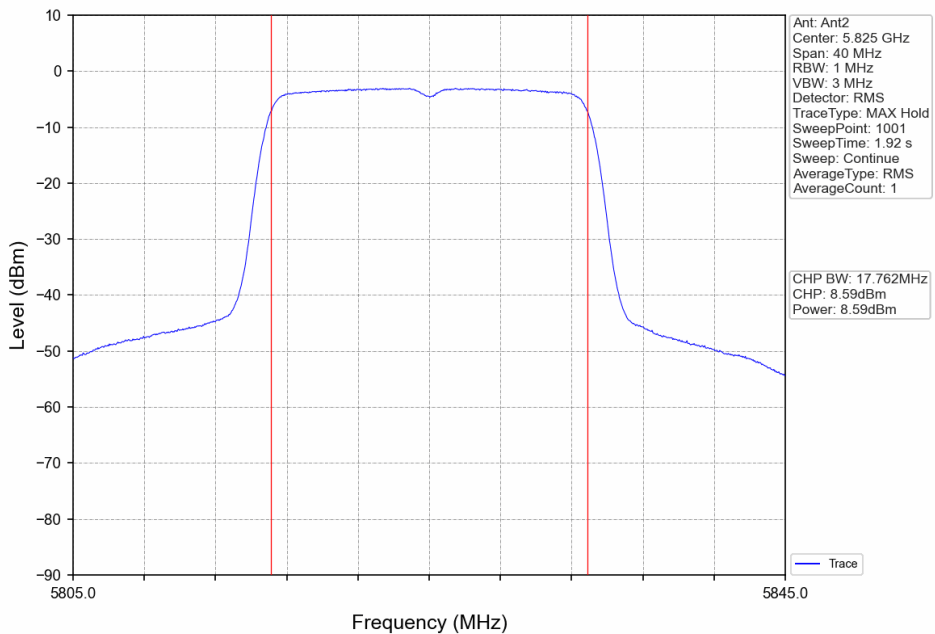
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



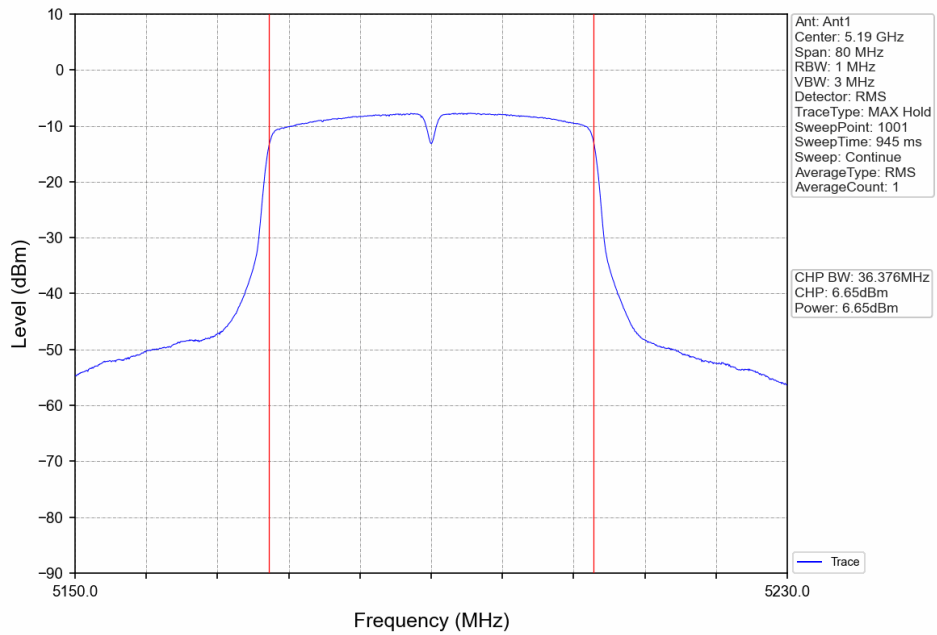
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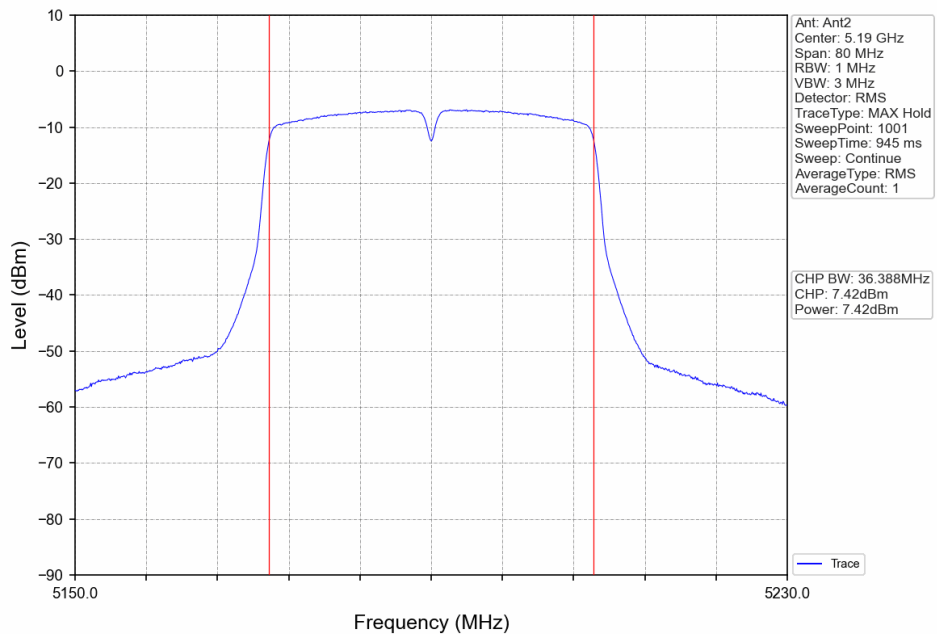
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



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