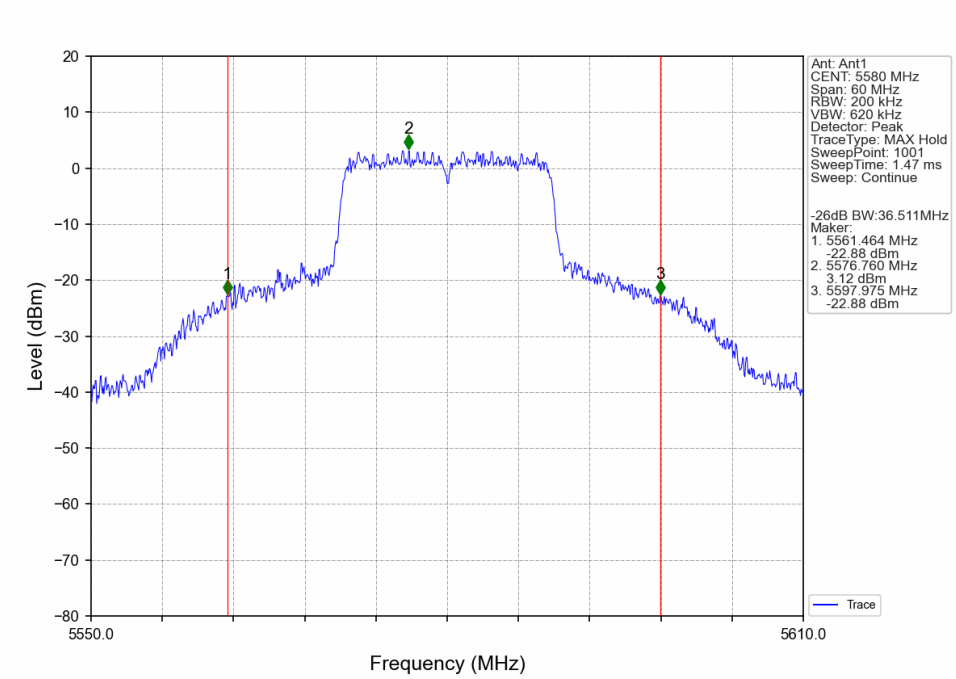
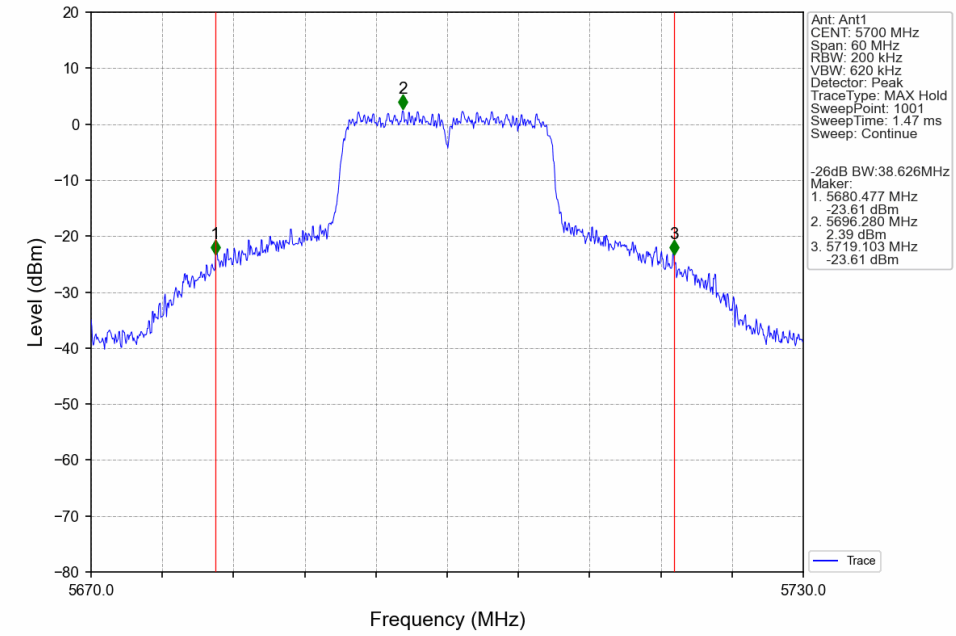
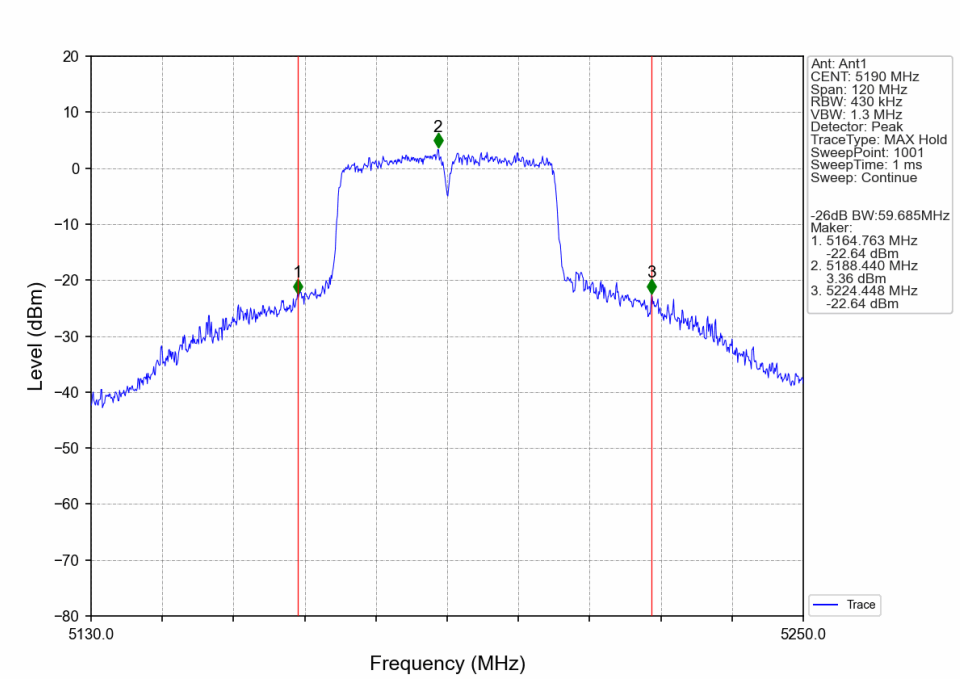
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



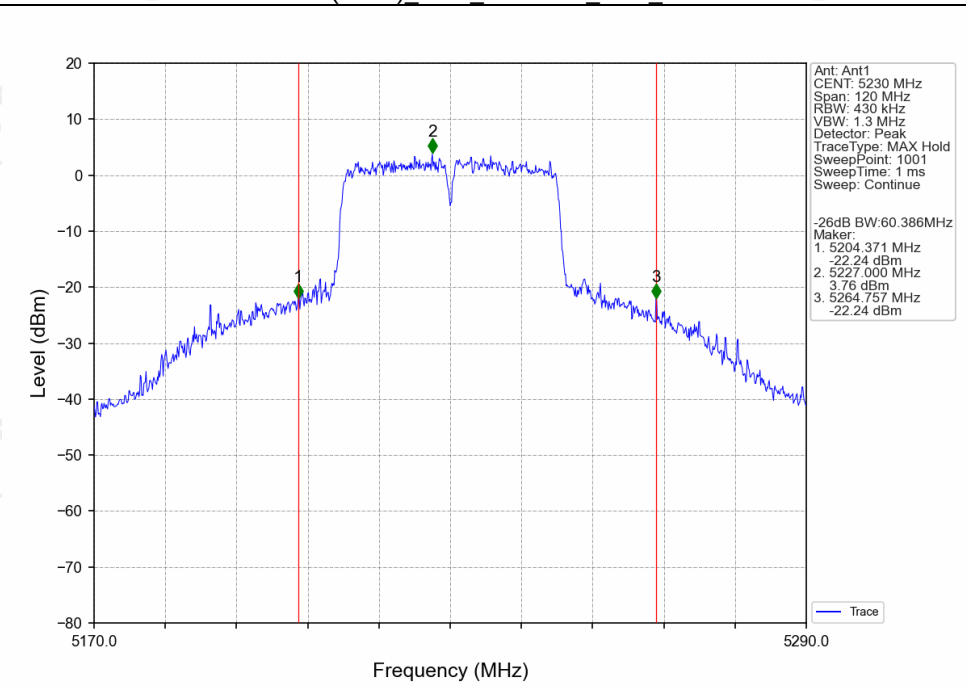
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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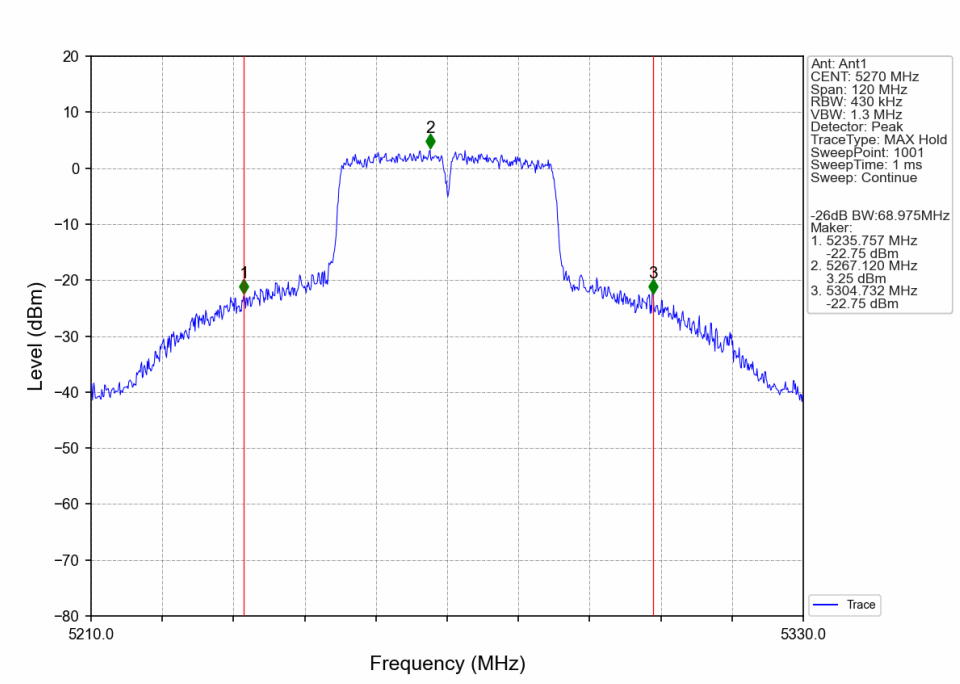
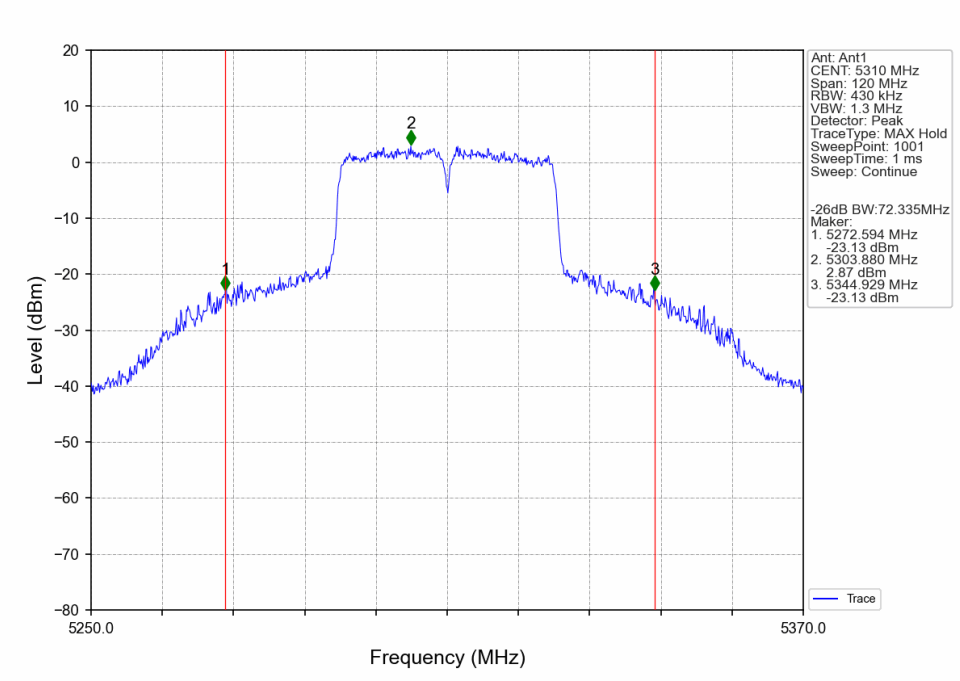
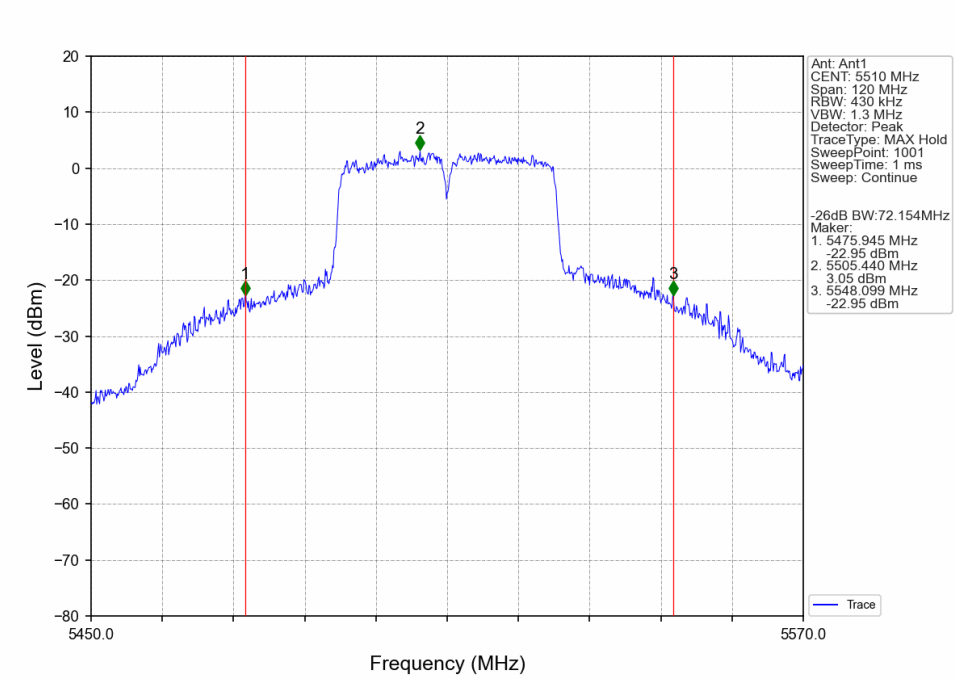


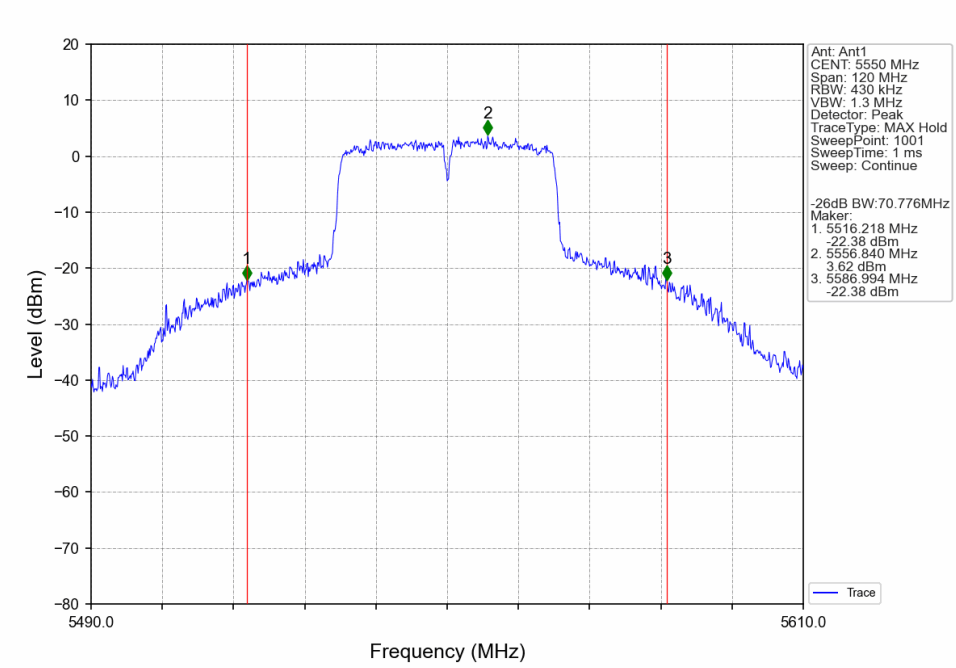
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



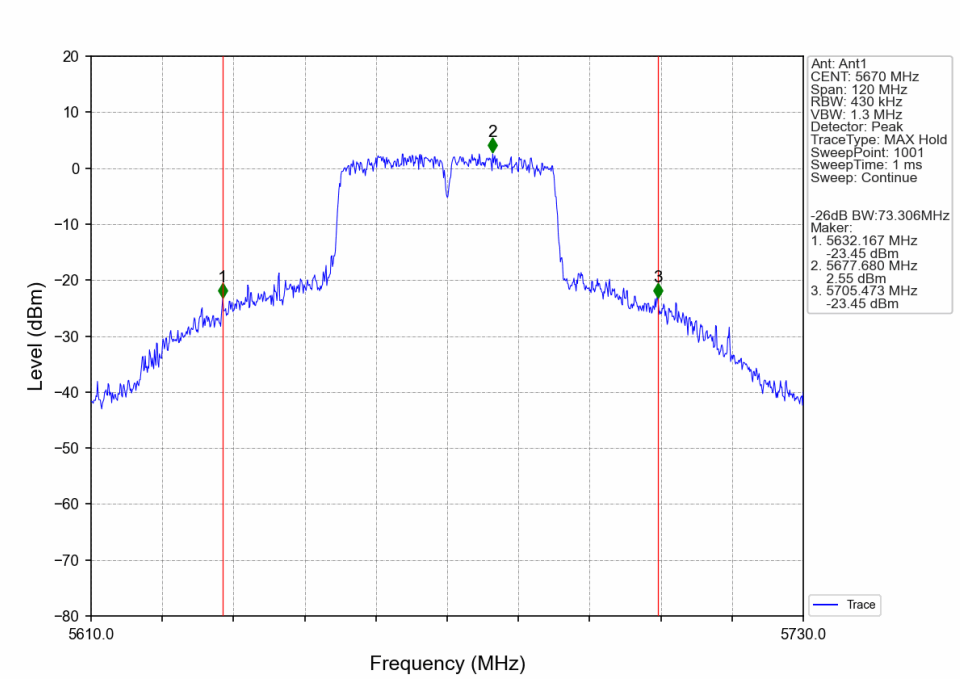
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



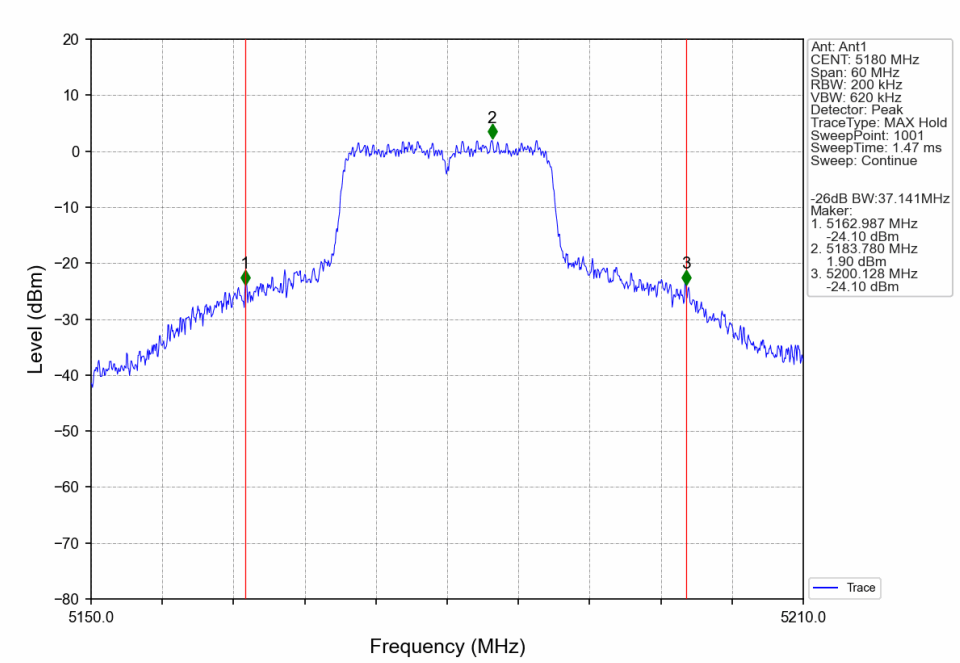
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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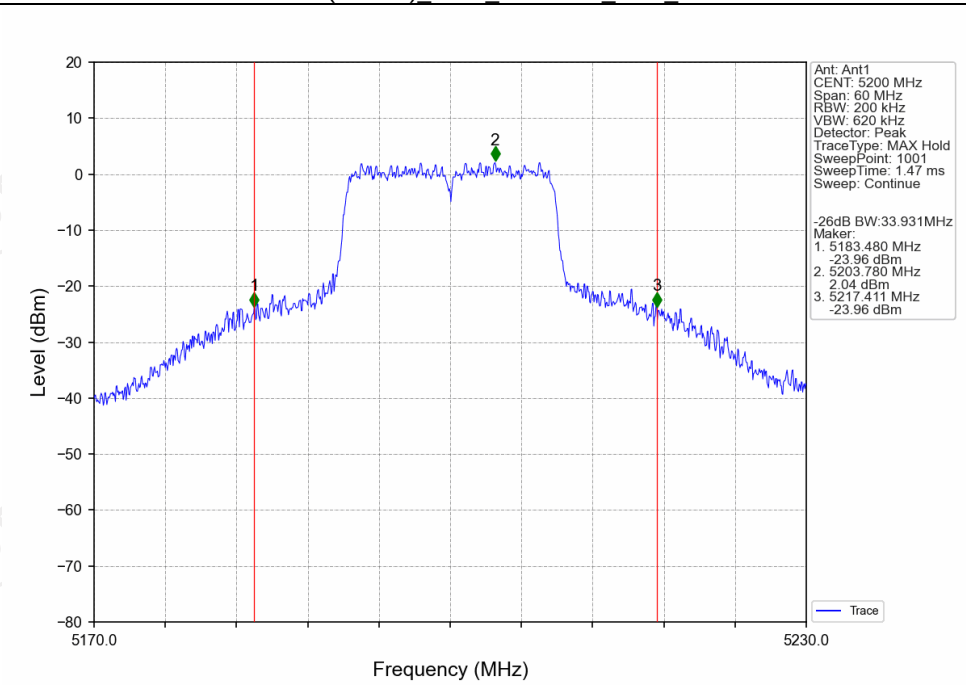
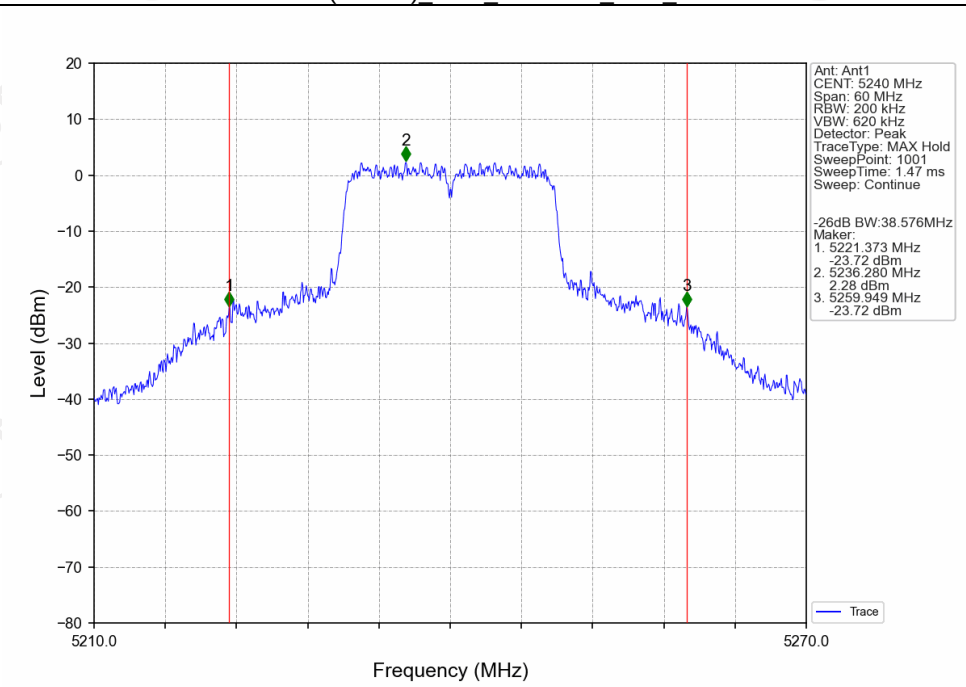


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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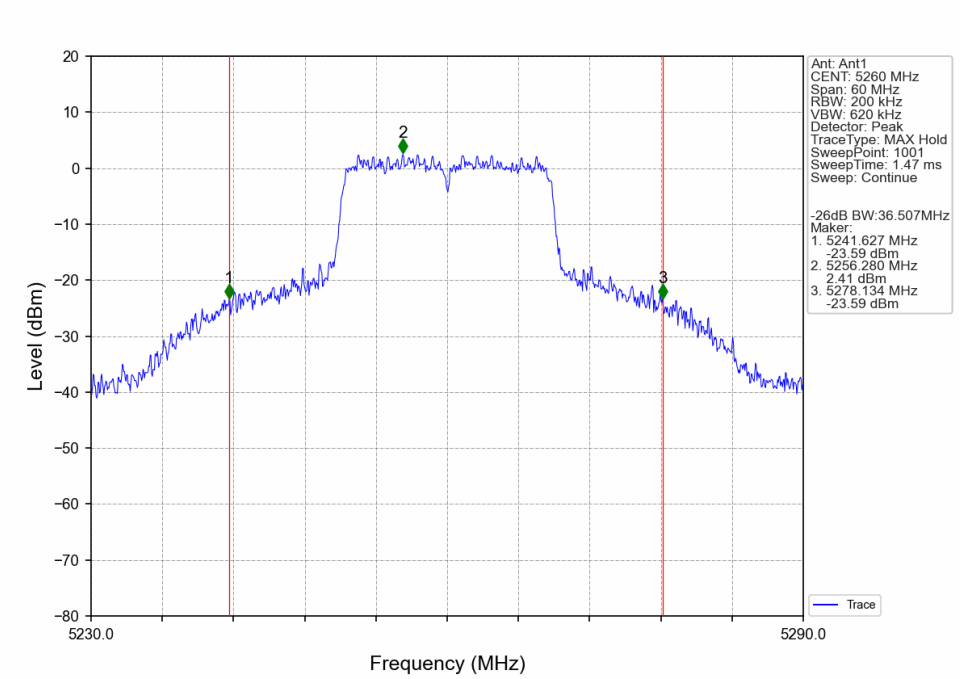
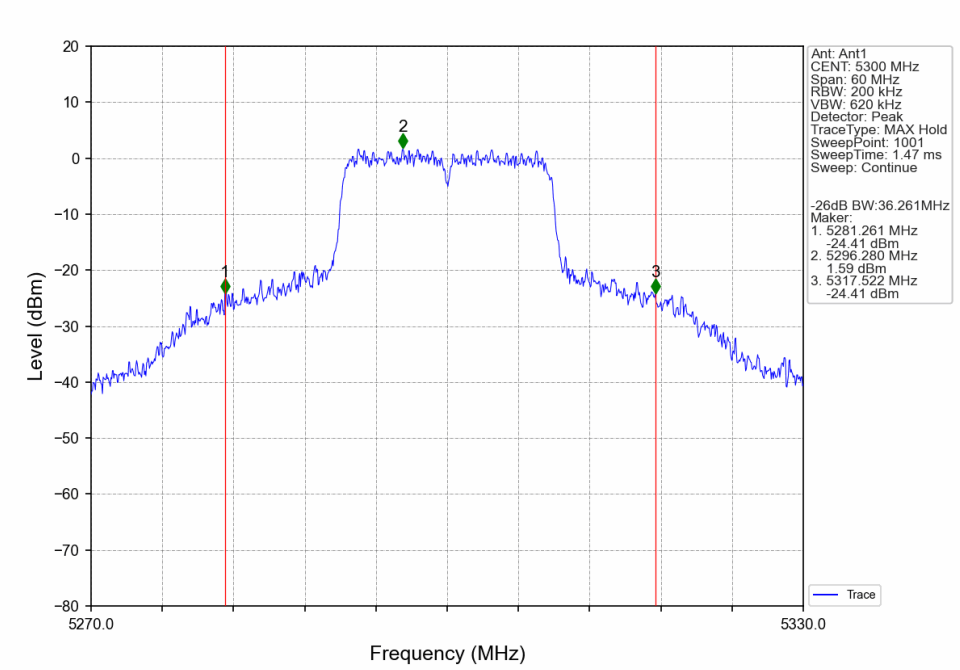
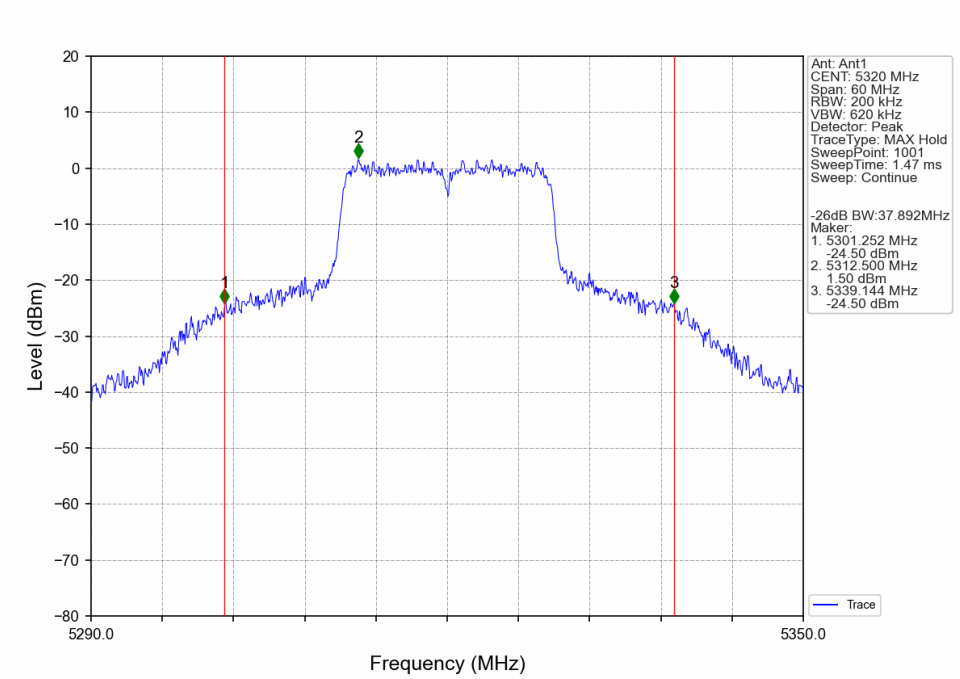


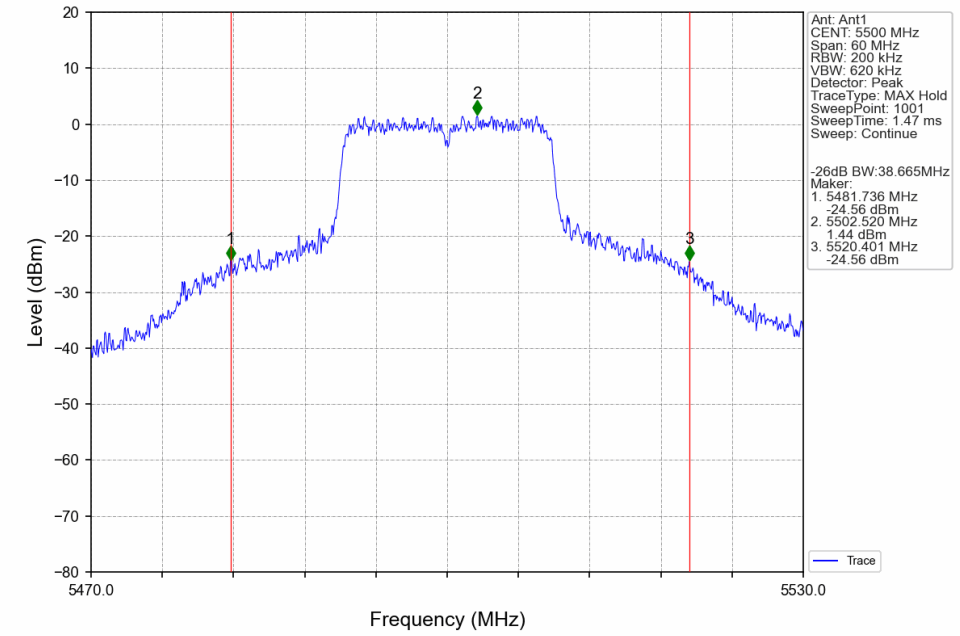
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



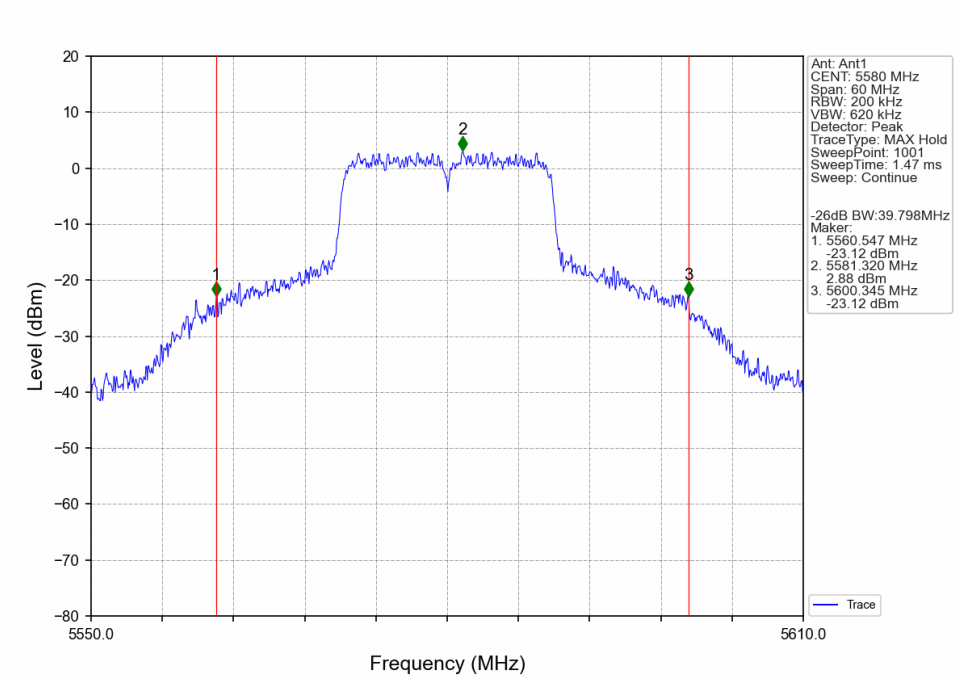
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



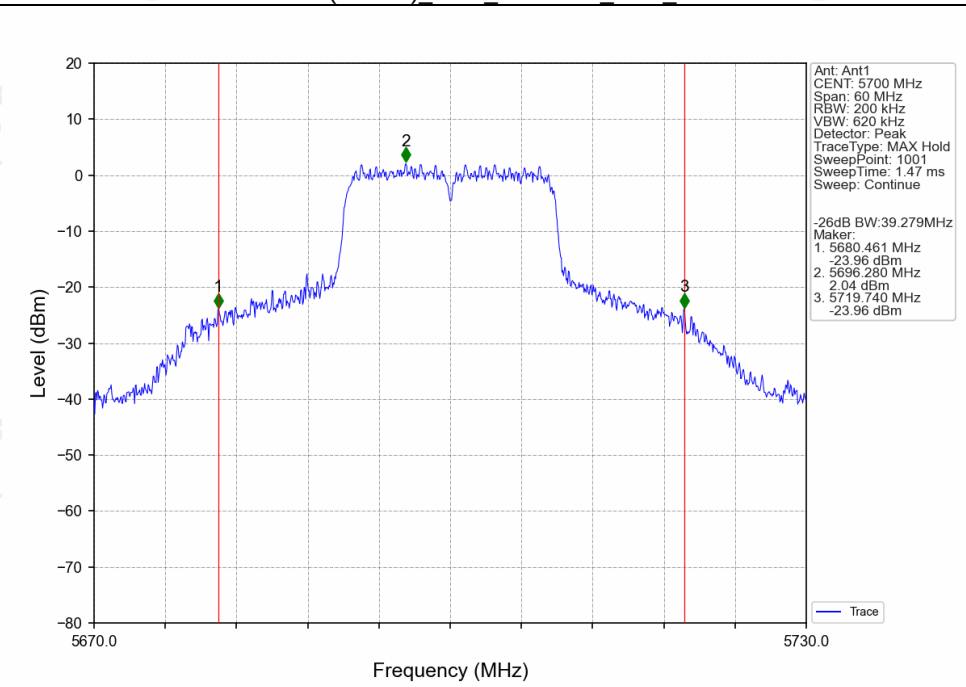
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

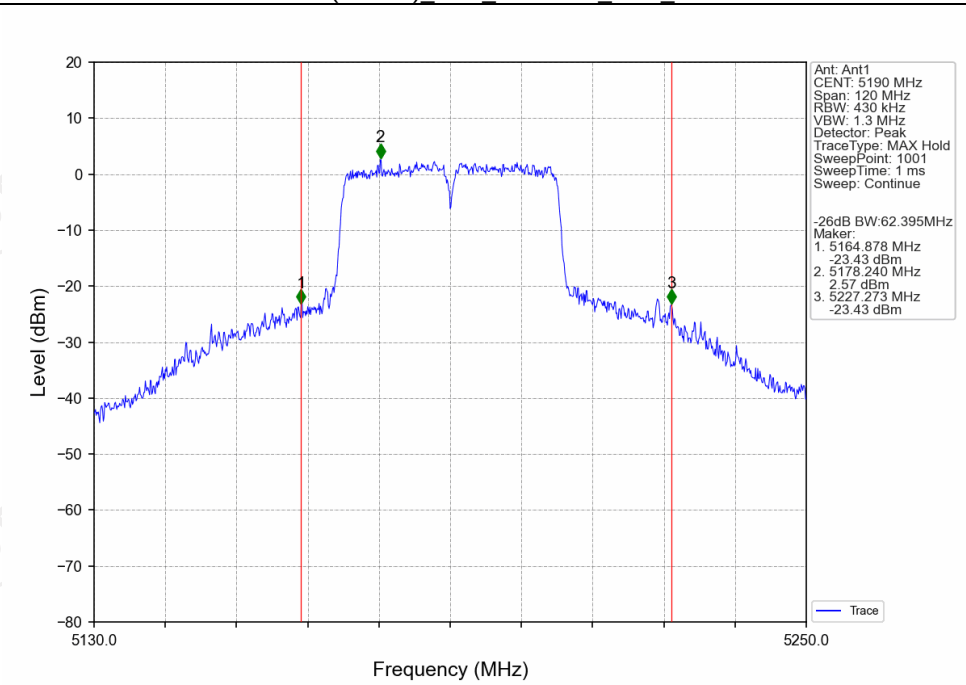


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

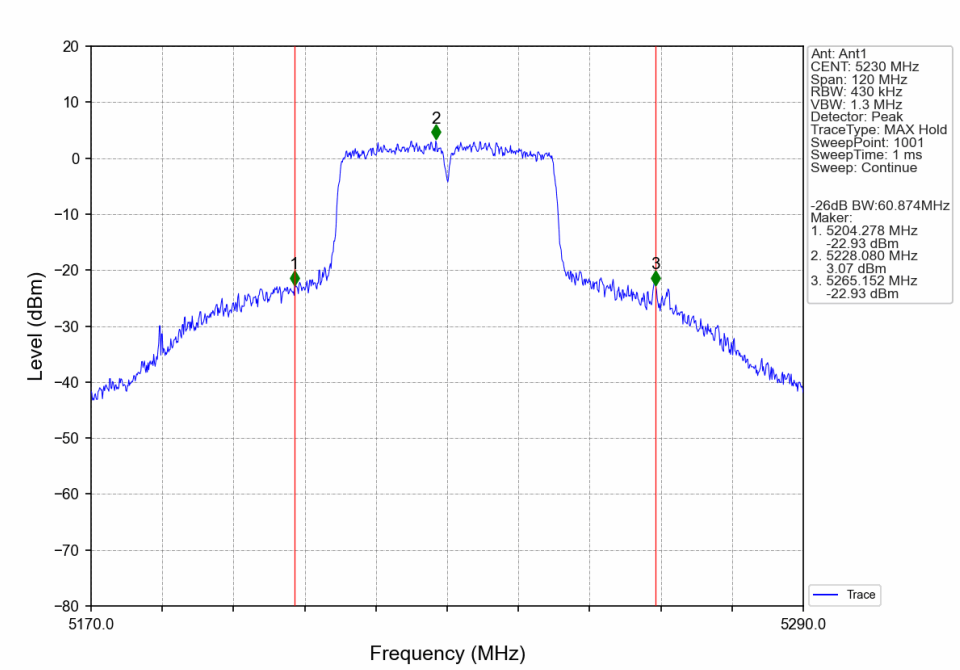


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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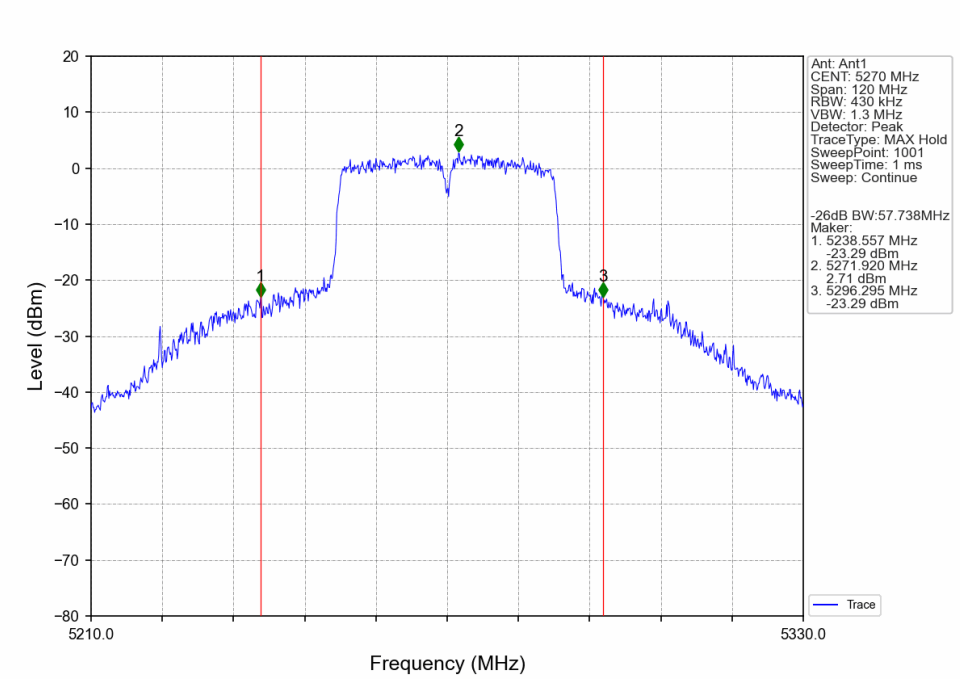
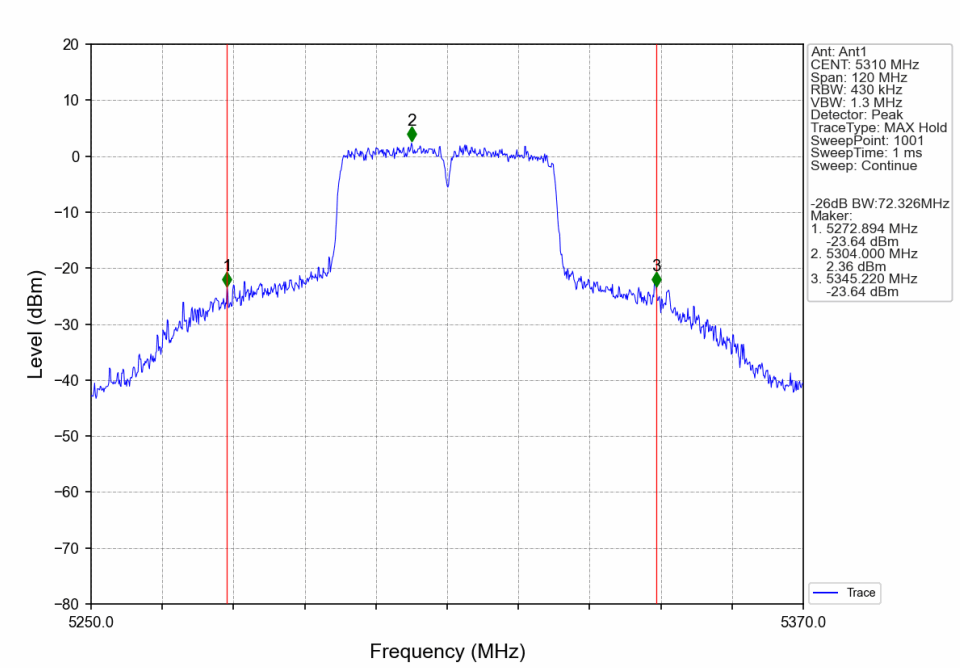
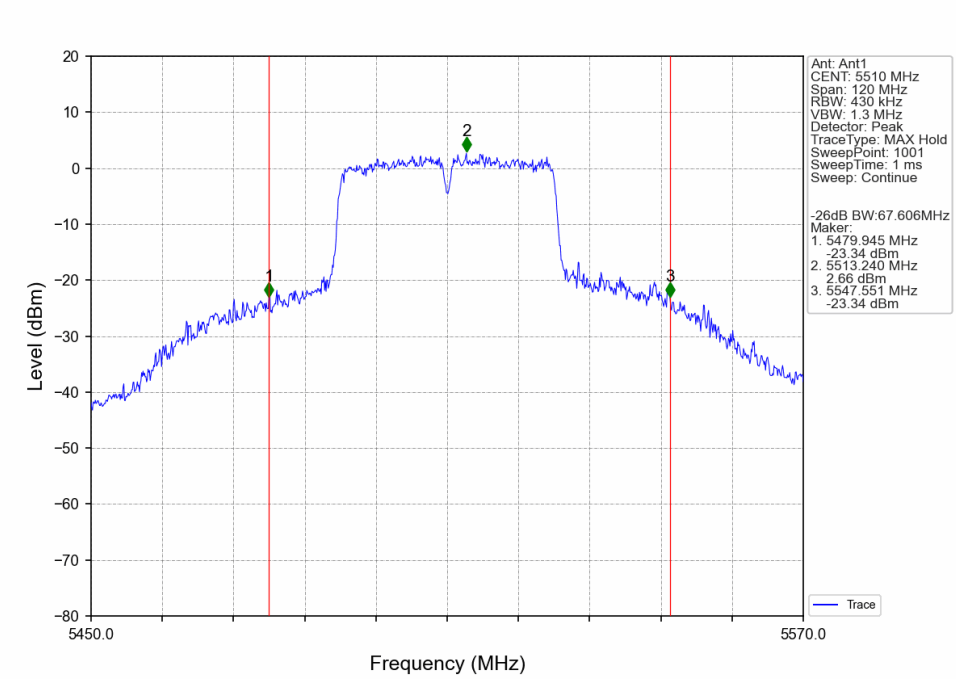


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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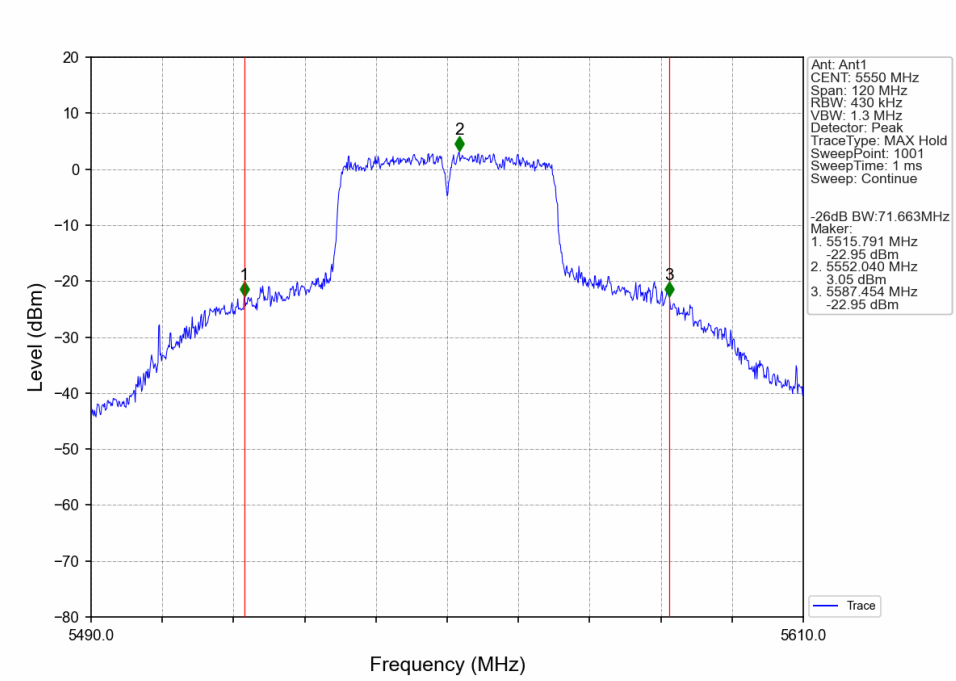

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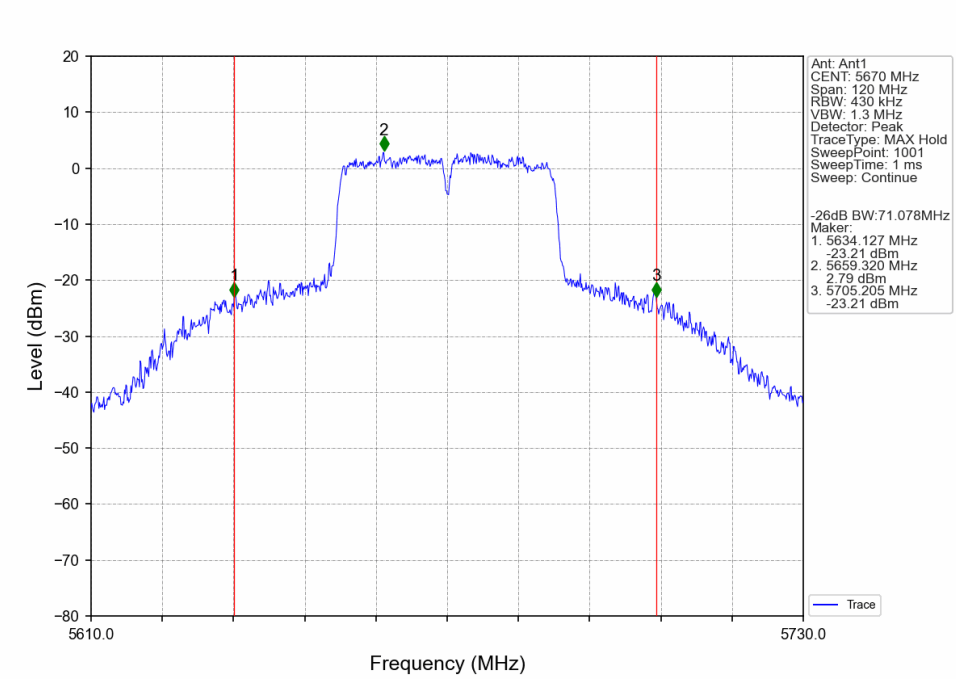
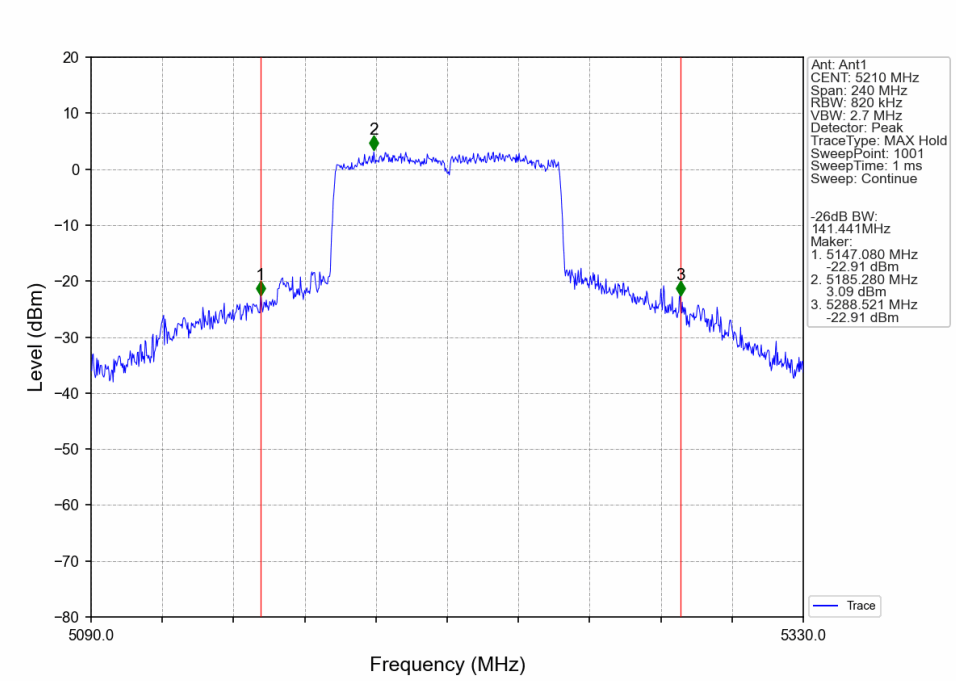
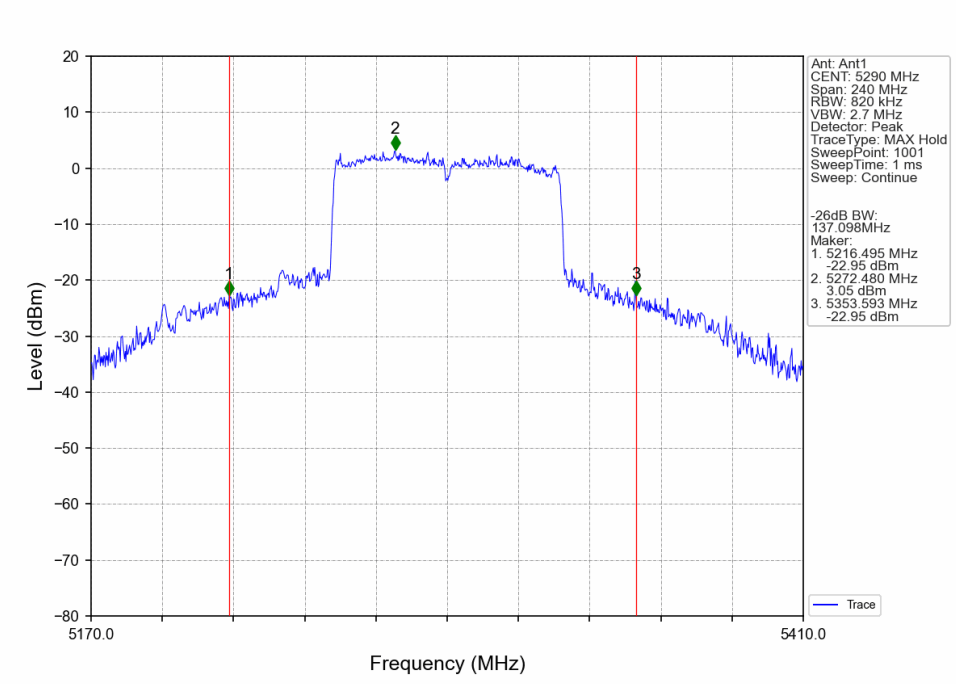


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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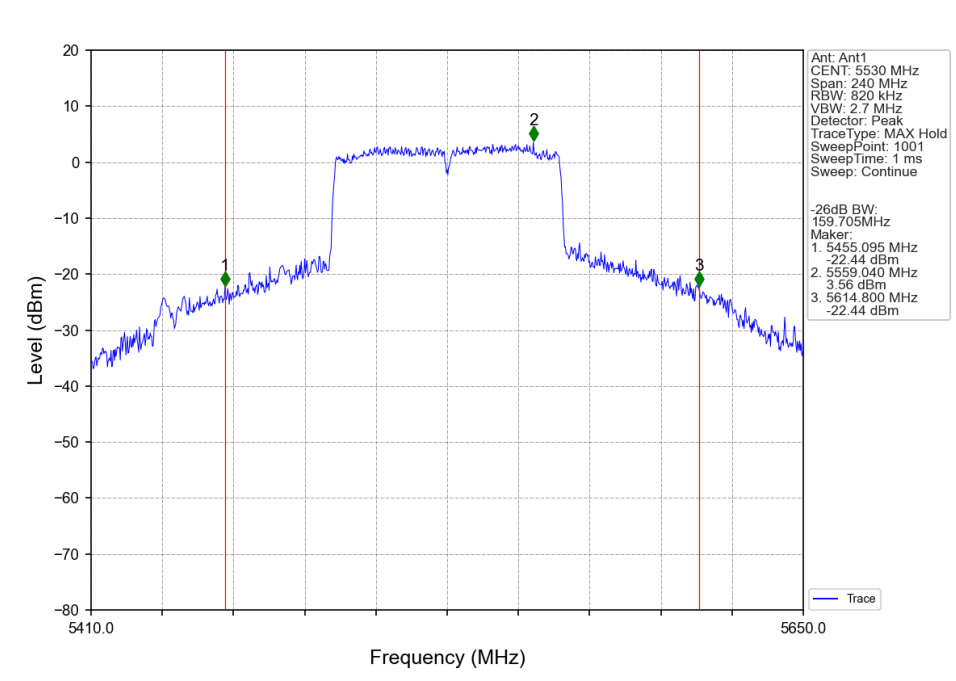
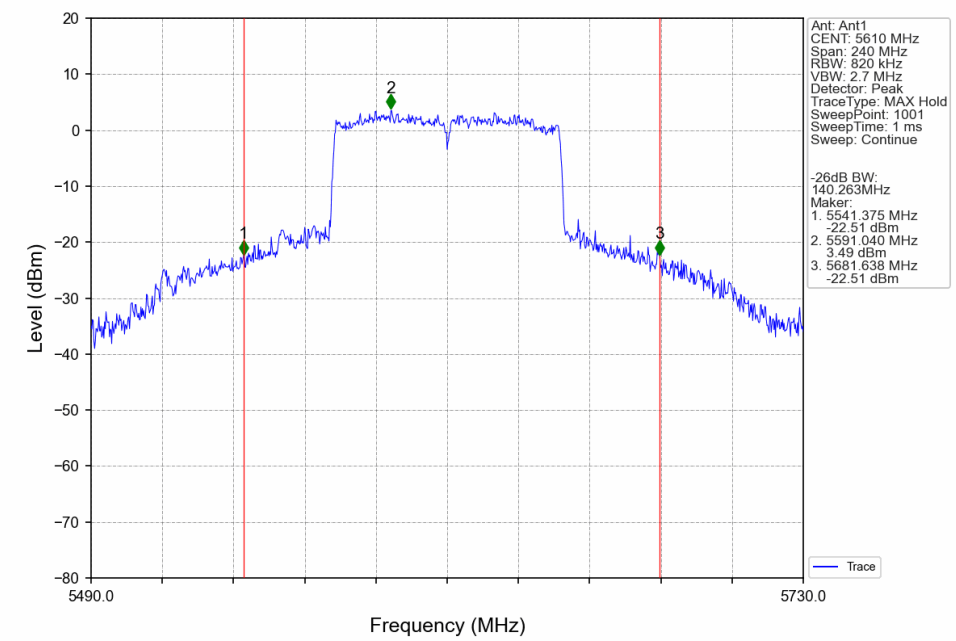


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

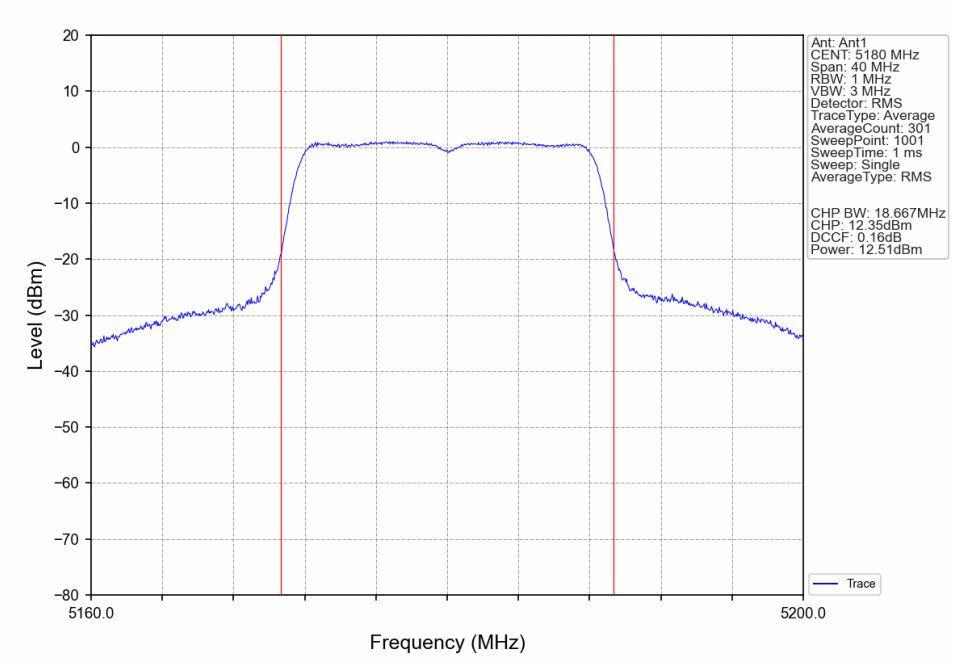
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	12.51	<=23.98	Pass
		5200	12.25	<=23.98	Pass
		5240	12.28	<=23.98	Pass
		5260	12.25	<=23.98	Pass
		5300	11.68	<=23.98	Pass
		5320	11.65	<=23.98	Pass
		5500	12.03	<=23.98	Pass
		5580	13.43	<=23.98	Pass
		5700	12.48	<=23.98	Pass
		5745	12.06	<=30	Pass
		5785	11.96	<=30	Pass
		5825	12.01	<=30	Pass
802.11n (HT20)	SISO	5180	12.29	<=23.98	Pass
		5200	12.36	<=23.98	Pass
		5240	12.49	<=23.98	Pass
		5260	12.54	<=23.98	Pass
		5300	11.73	<=23.98	Pass
		5320	11.56	<=23.98	Pass
		5500	11.78	<=23.98	Pass
		5580	13.13	<=23.98	Pass
		5700	12.36	<=23.98	Pass
		5745	12.23	<=30	Pass
		5785	12.22	<=30	Pass
		5825	11.95	<=30	Pass
802.11n (HT40)	SISO	5190	12.26	<=23.98	Pass
		5230	12.65	<=23.98	Pass
		5270	12.40	<=23.98	Pass
		5310	11.85	<=23.98	Pass
		5510	12.29	<=23.98	Pass
		5550	12.92	<=23.98	Pass
		5670	12.73	<=23.98	Pass
		5755	12.24	<=30	Pass
		5795	12.31	<=30	Pass
802.11ac (VHT20)	SISO	5180	11.94	<=23.98	Pass
		5200	12.20	<=23.98	Pass
		5240	12.38	<=23.98	Pass
		5260	12.44	<=23.98	Pass
		5300	11.62	<=23.98	Pass
		5320	11.58	<=23.98	Pass
		5500	11.49	<=23.98	Pass
		5580	12.93	<=23.98	Pass
		5700	11.99	<=23.98	Pass
		5745	11.71	<=30	Pass
		5785	11.83	<=30	Pass
		5825	11.51	<=30	Pass
802.11ac (VHT40)	SISO	5190	11.93	<=23.98	Pass
		5230	12.37	<=23.98	Pass
		5270	12.04	<=23.98	Pass
		5310	11.51	<=23.98	Pass
		5510	11.75	<=23.98	Pass
		5550	12.49	<=23.98	Pass
		5670	12.26	<=23.98	Pass

		5755	11.80	<=30	Pass
		5795	11.69	<=30	Pass
802.11ac (VHT80)	SISO	5210	12.90	<=23.98	Pass
		5290	12.21	<=23.98	Pass
		5530	12.73	<=23.98	Pass
		5610	12.73	<=23.98	Pass
		5775	12.92	<=30	Pass
Note1: Antenna Gain: Ant1: 1.80dBi;					

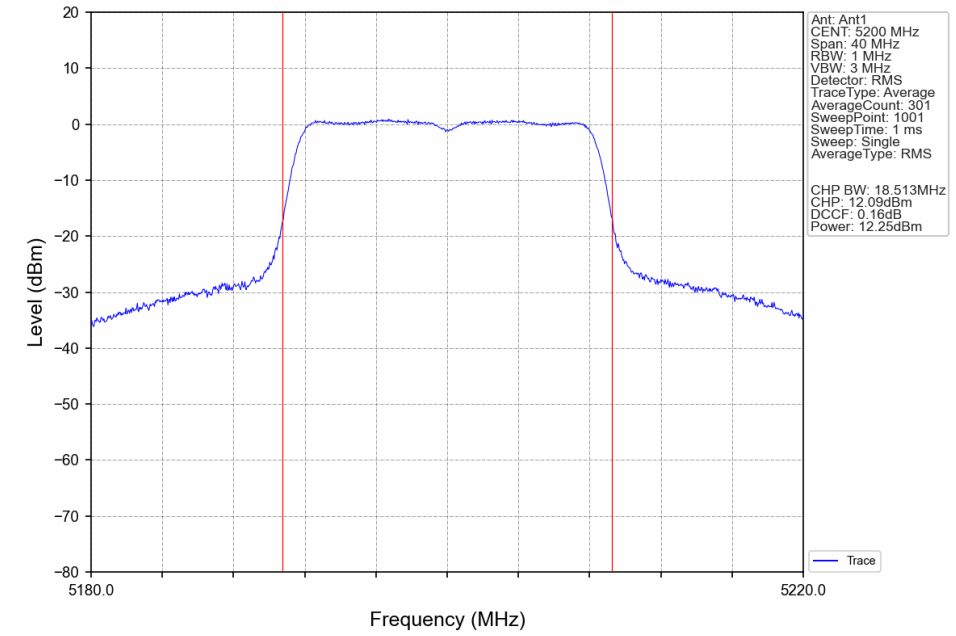
3.2 Test Graph

3.2.1 Power

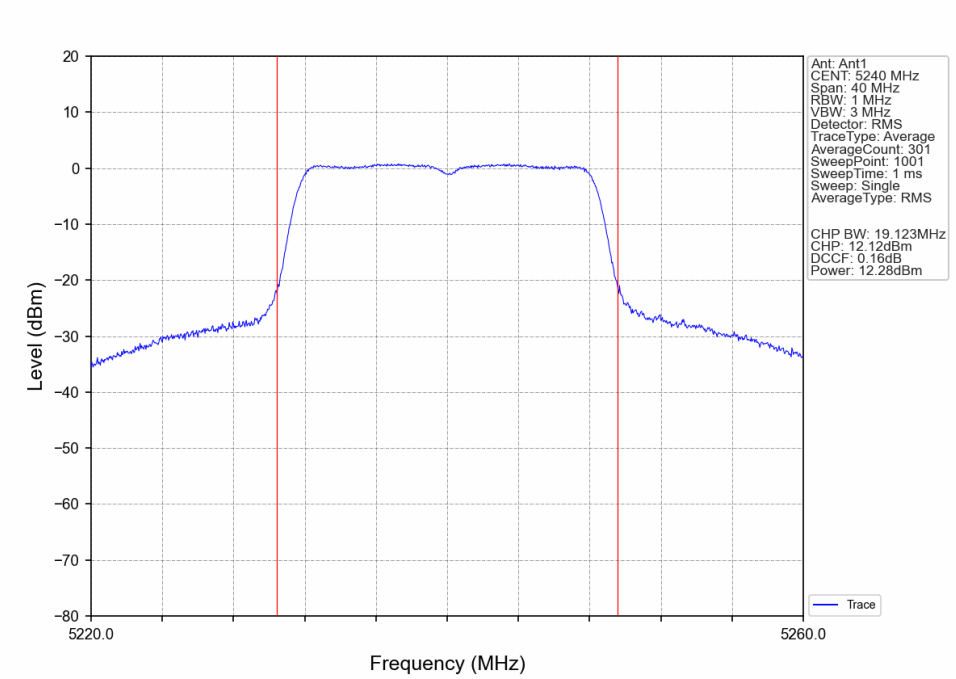
802.11a_LCH_5180MHz_Ant1_NTNV



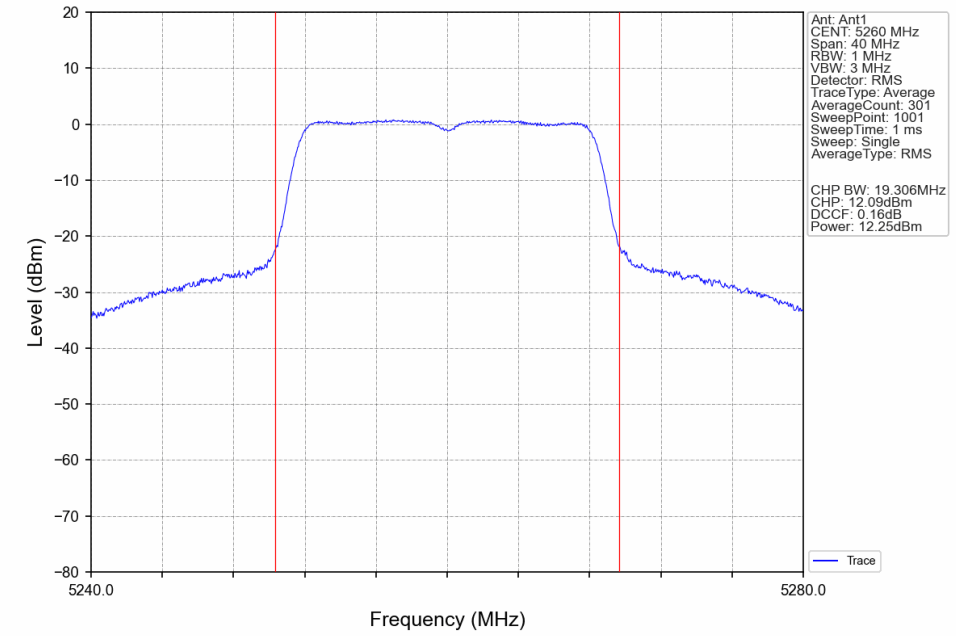
802.11a_MCH_5200MHz_Ant1_NTNV



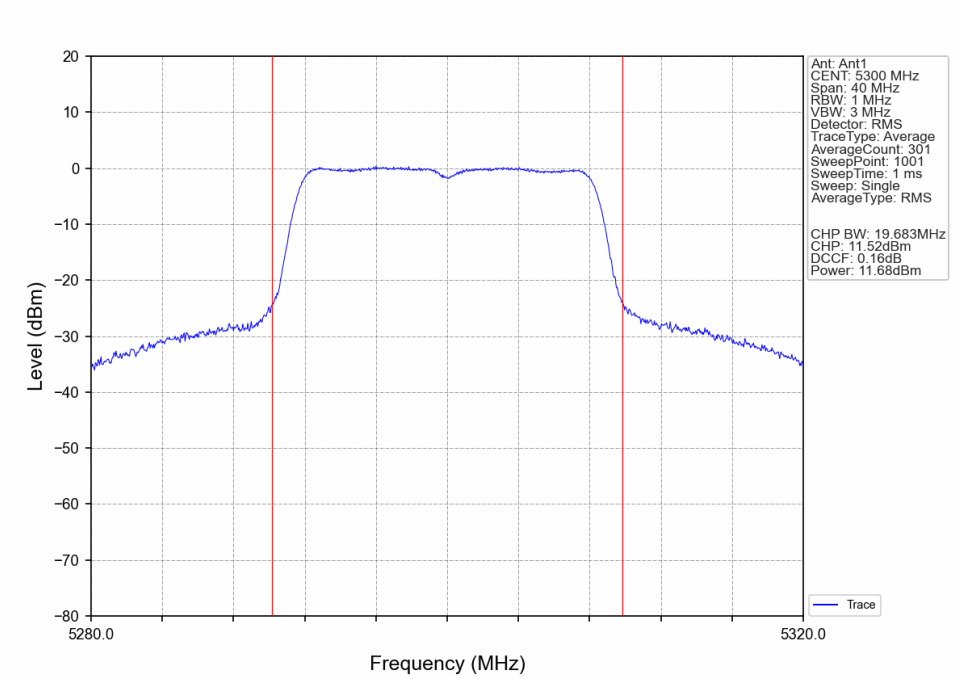
802.11a_HCH_5240MHz_Ant1_NTNV



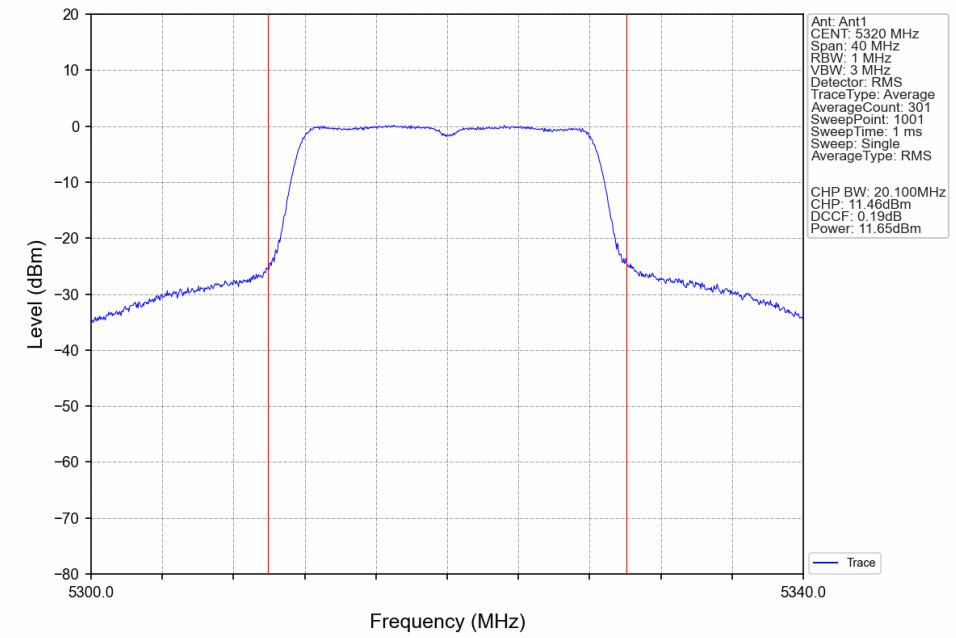
802.11a_LCH_5260MHz_Ant1_NTNV



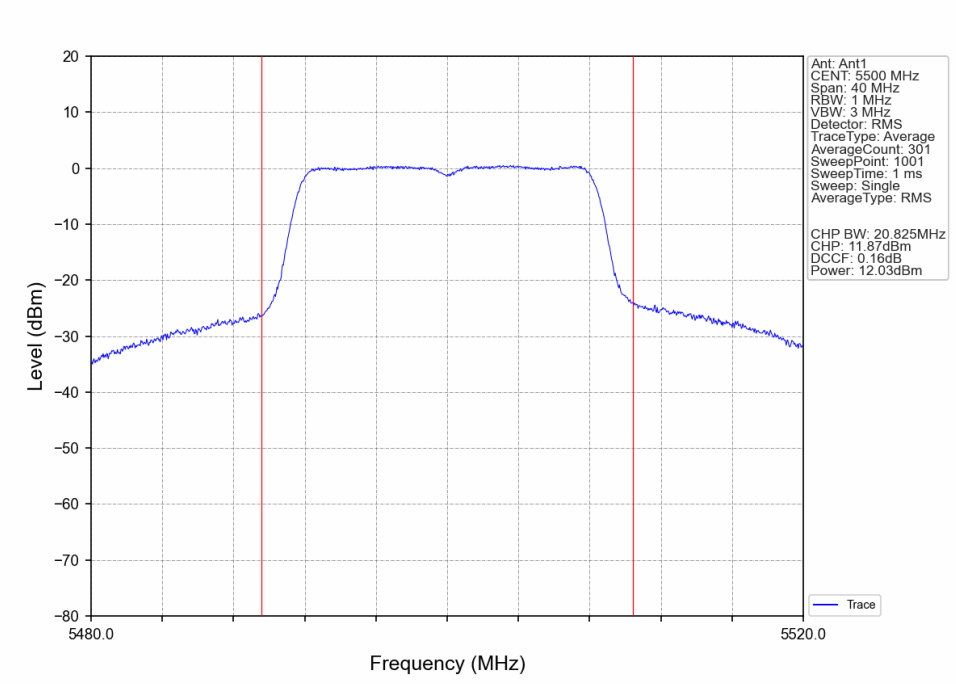
802.11a_MCH_5300MHz_Ant1_NTNV



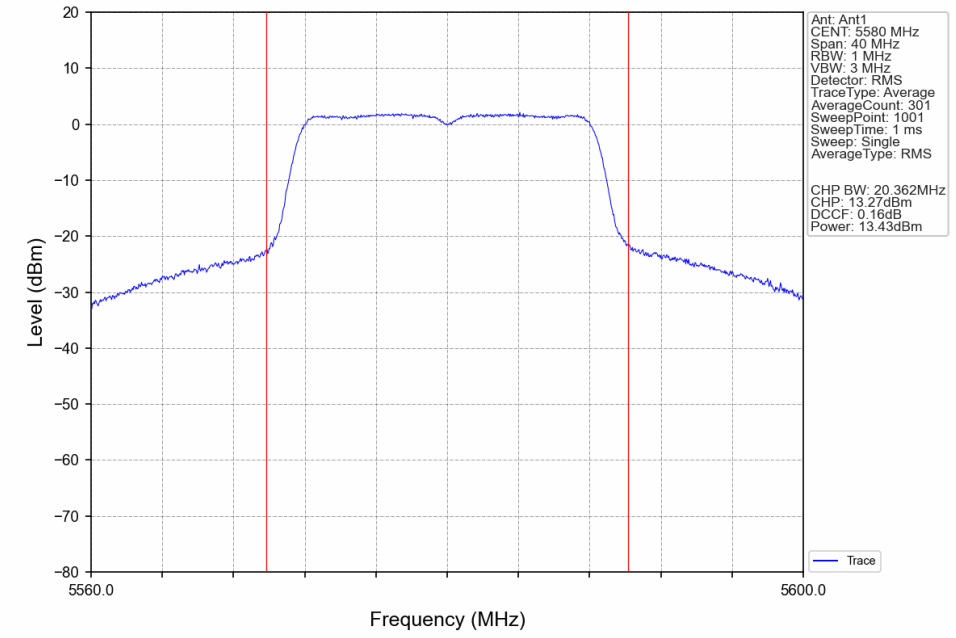
802.11a_HCH_5320MHz_Ant1_NTNV



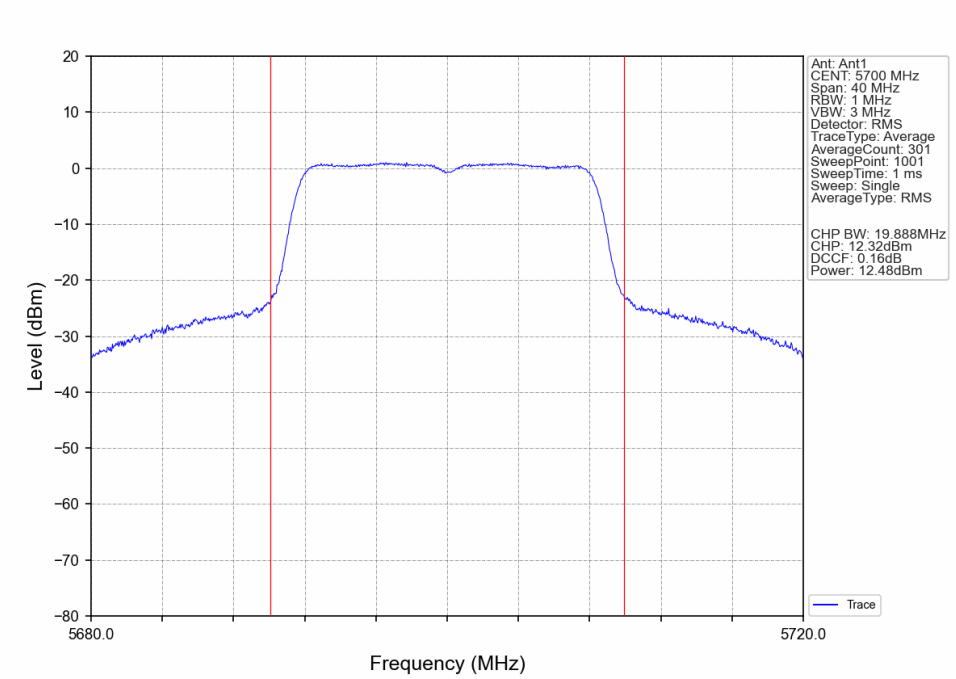
802.11a_LCH_5500MHz_Ant1_NTNV



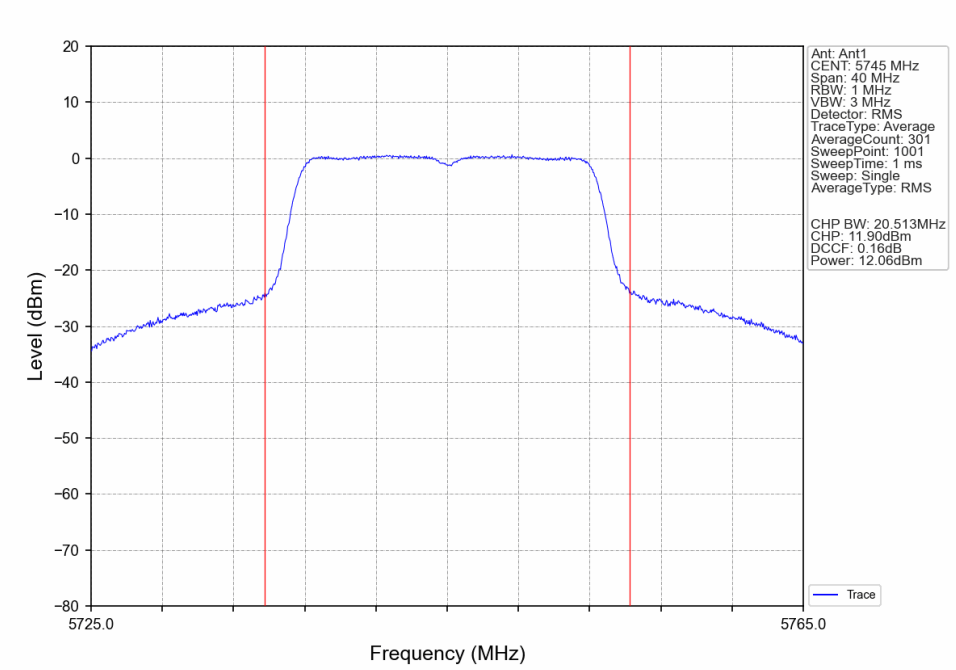
802.11a_MCH_5580MHz_Ant1_NTNV



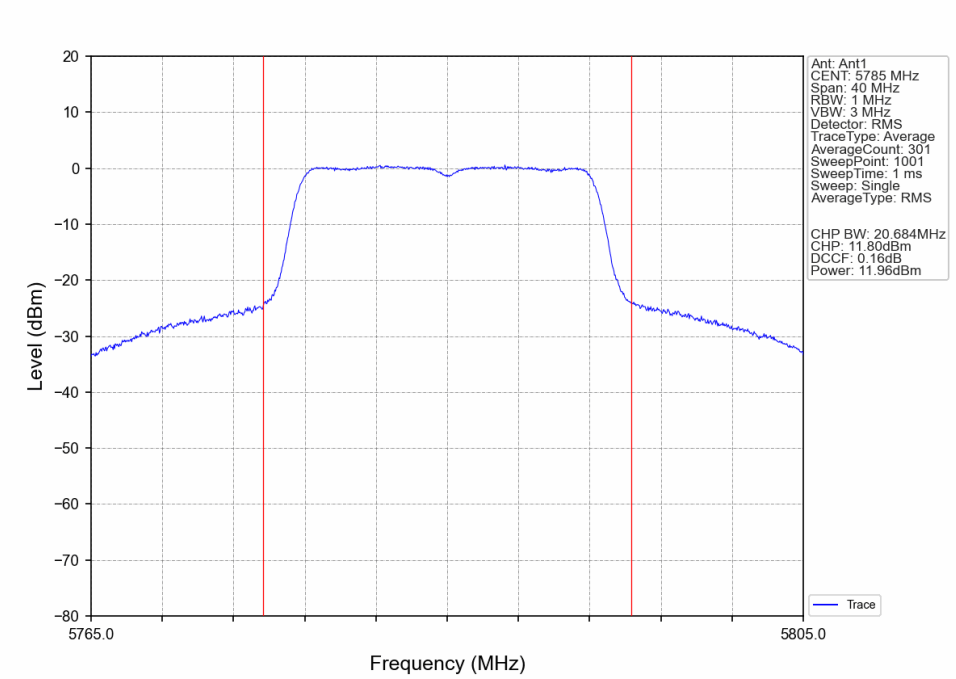
802.11a_HCH_5700MHz_Ant1_NTNV



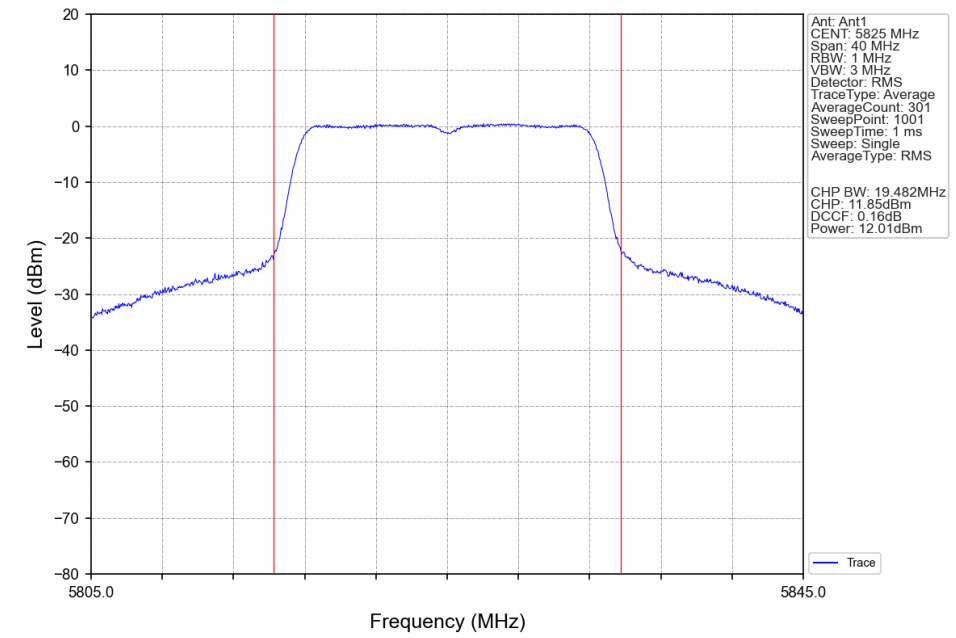
802.11a_LCH_5745MHz_Ant1_NTNV



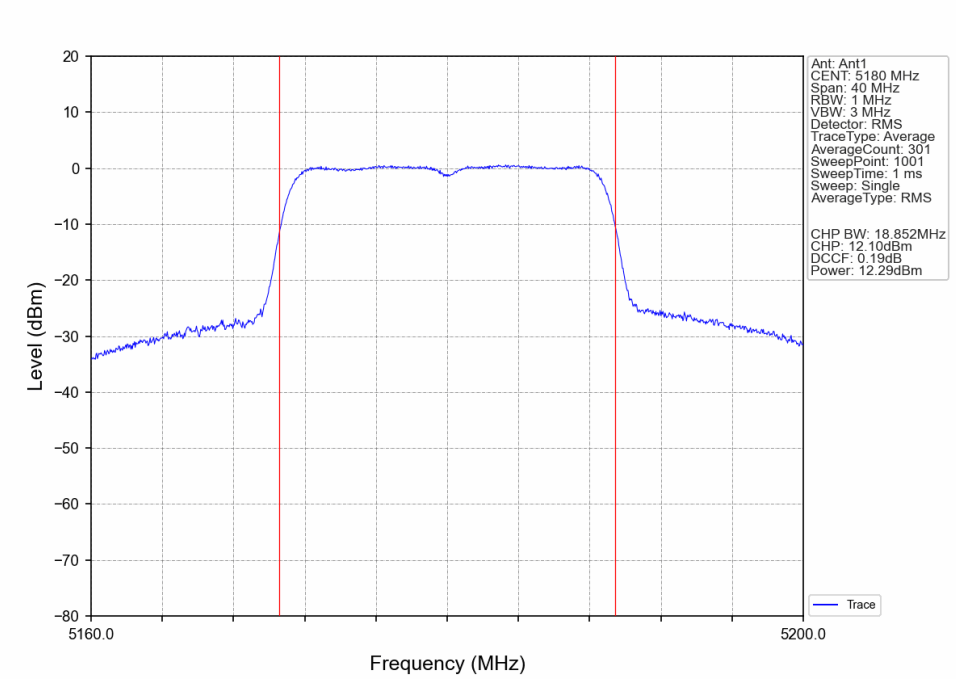
802.11a_MCH_5785MHz_Ant1_NTNV



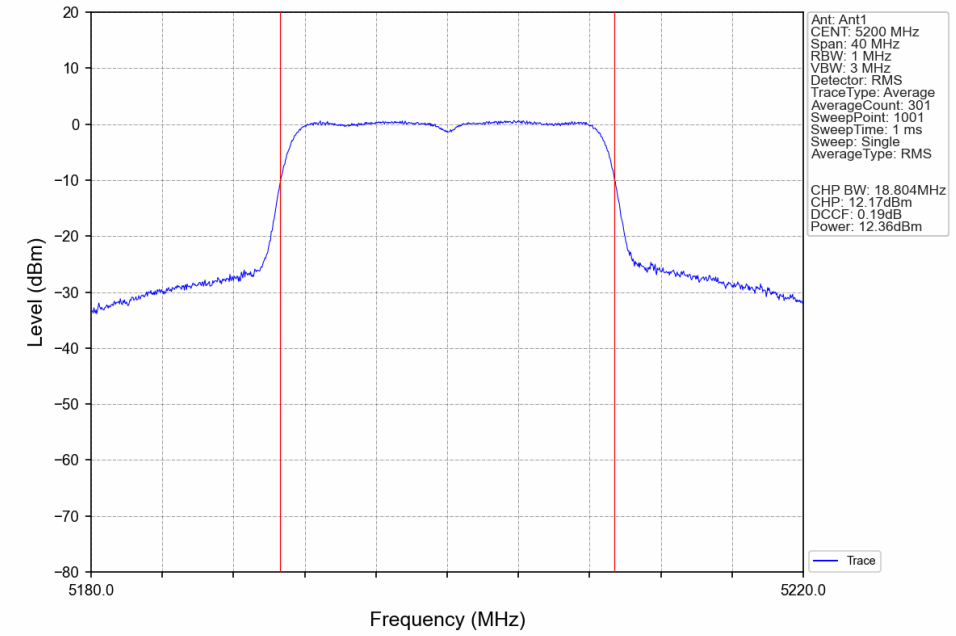
802.11a_HCH_5825MHz_Ant1_NTNV



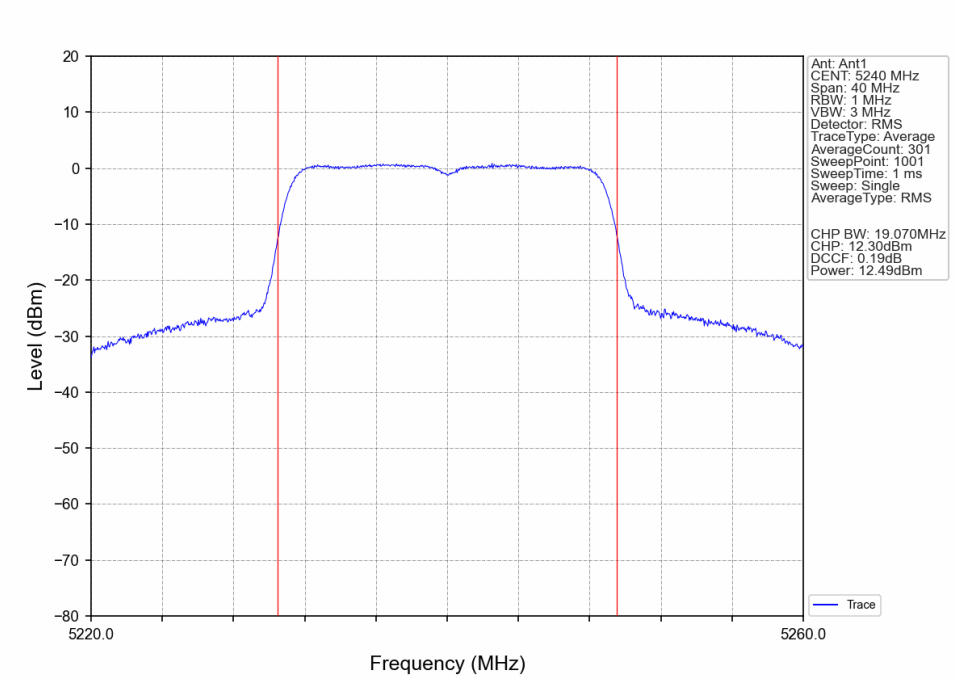
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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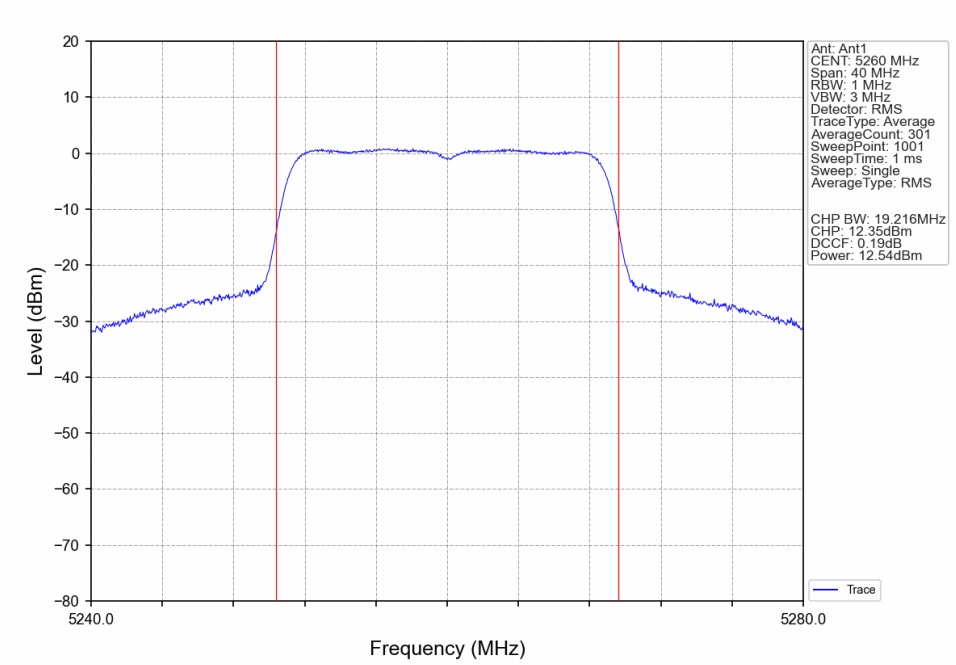

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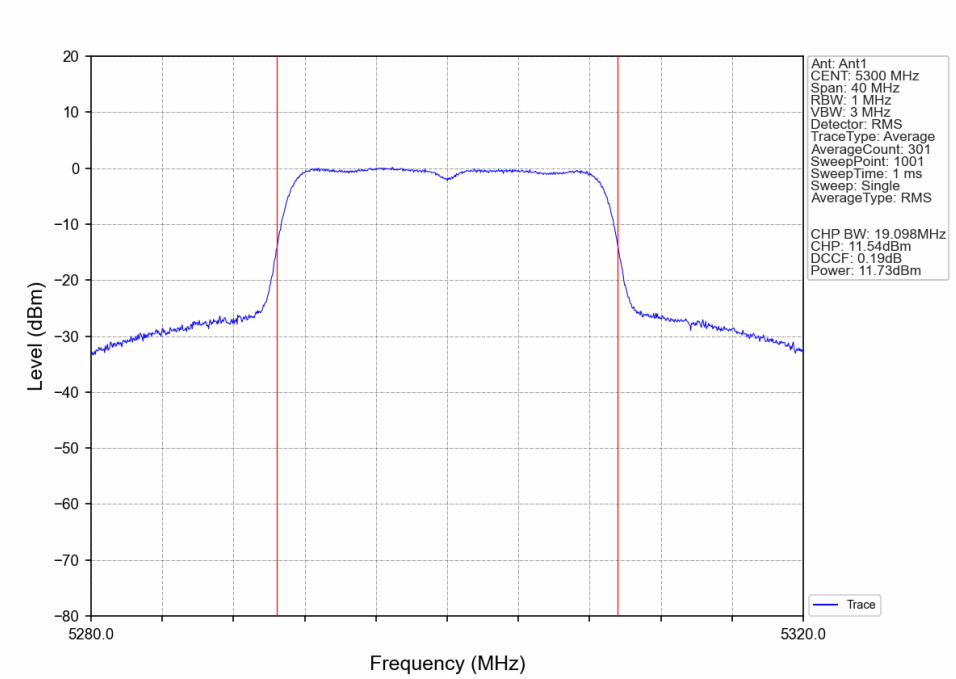

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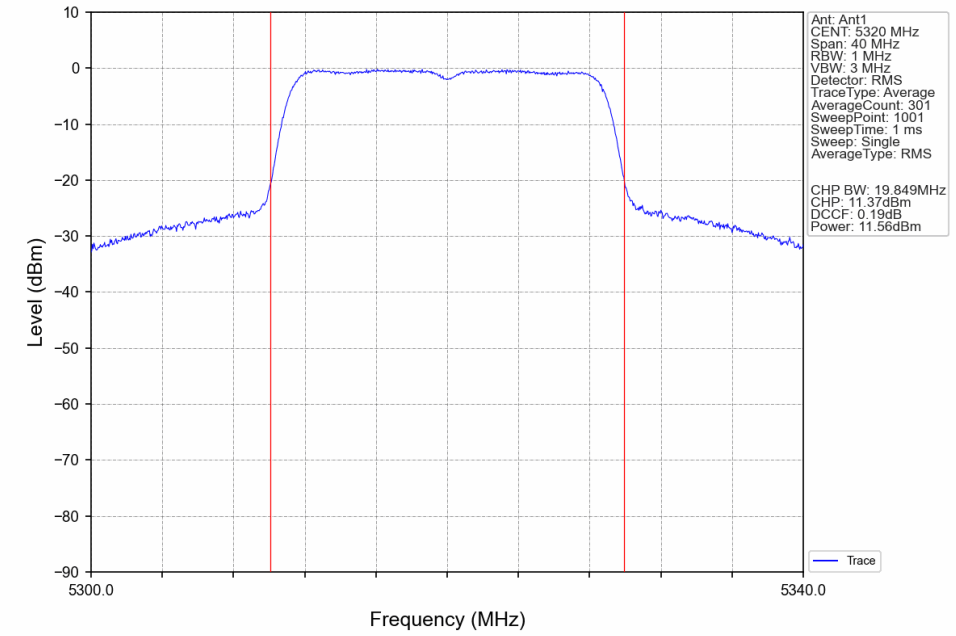

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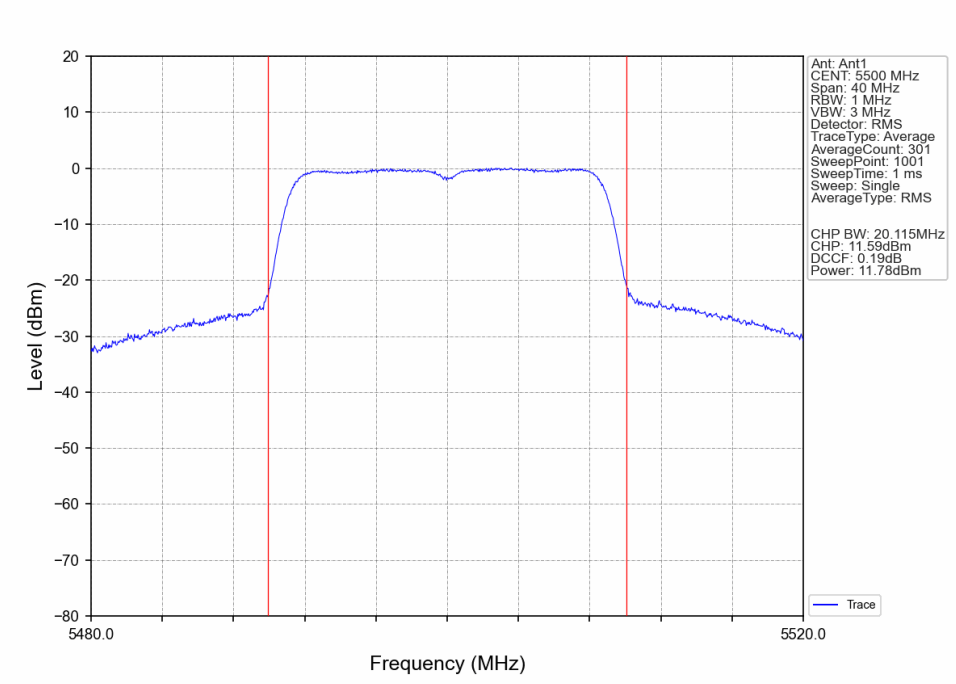

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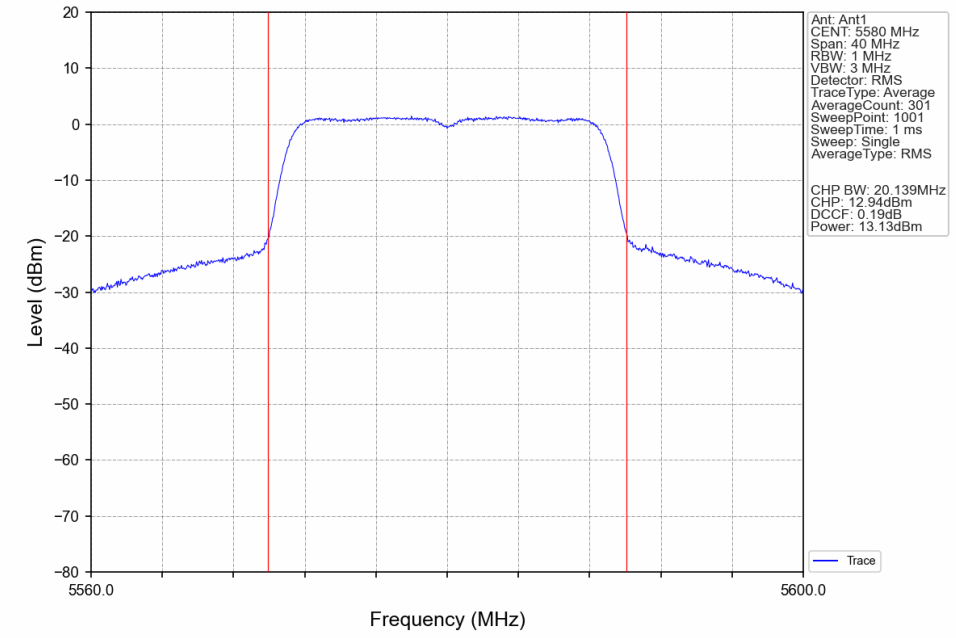

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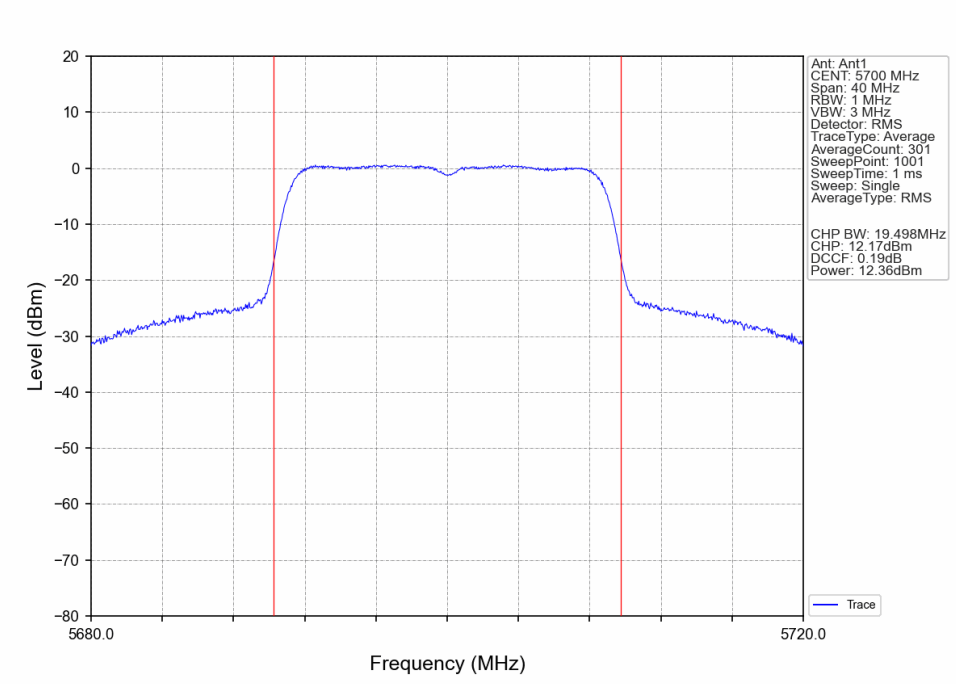

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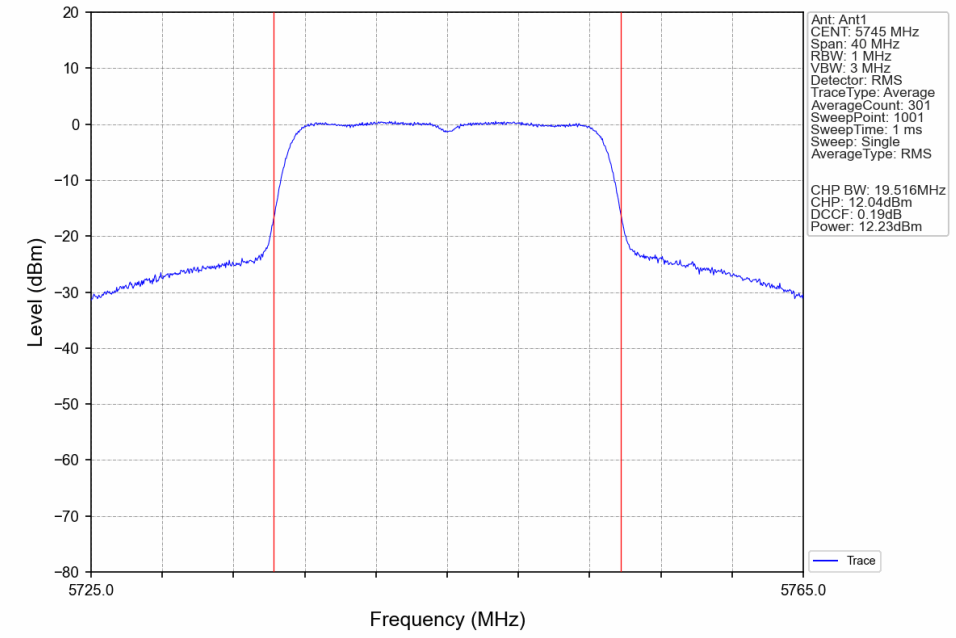

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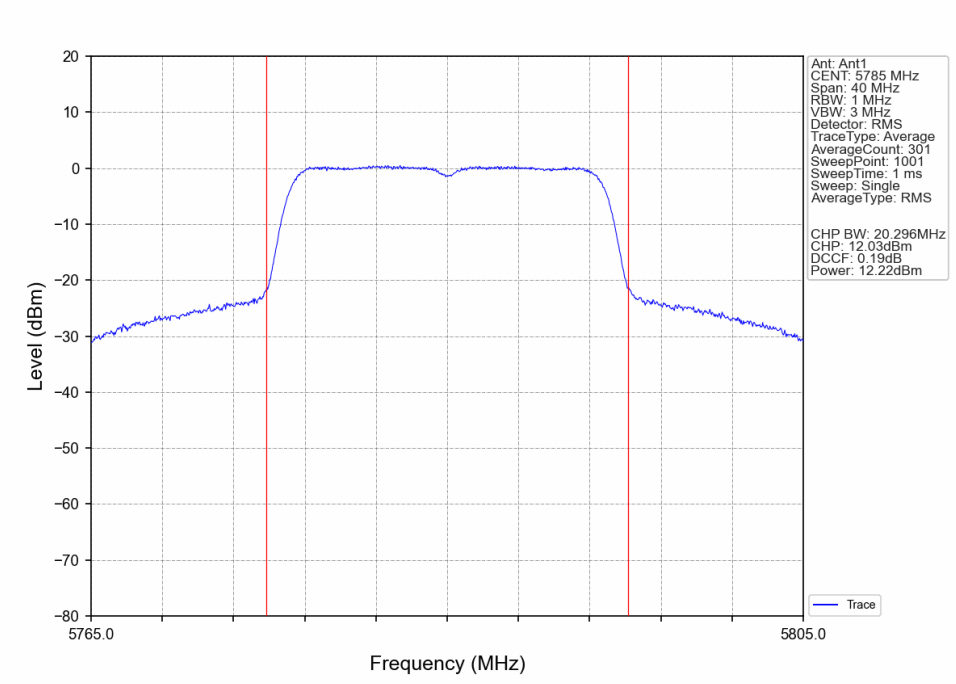

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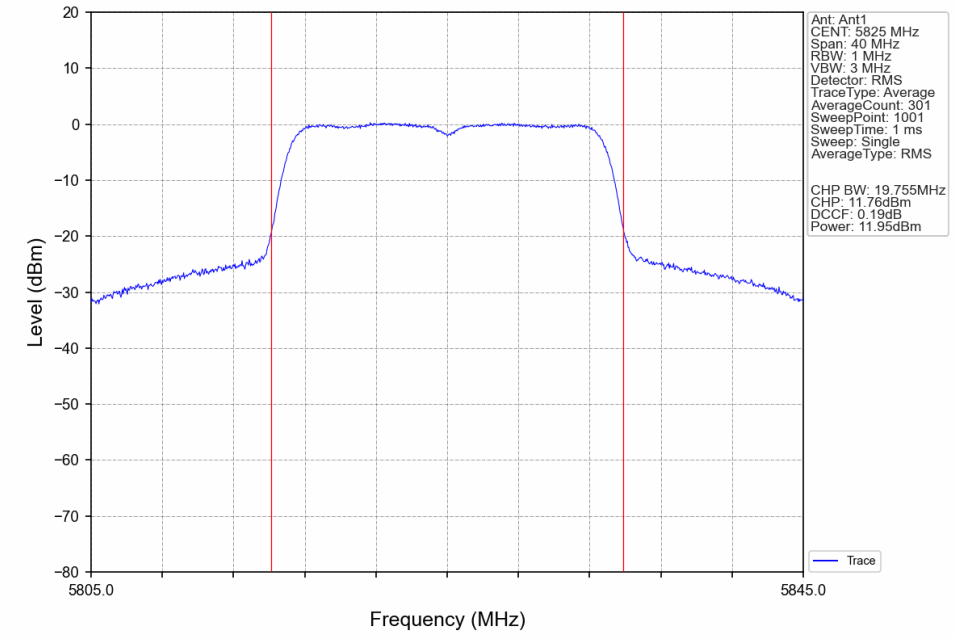

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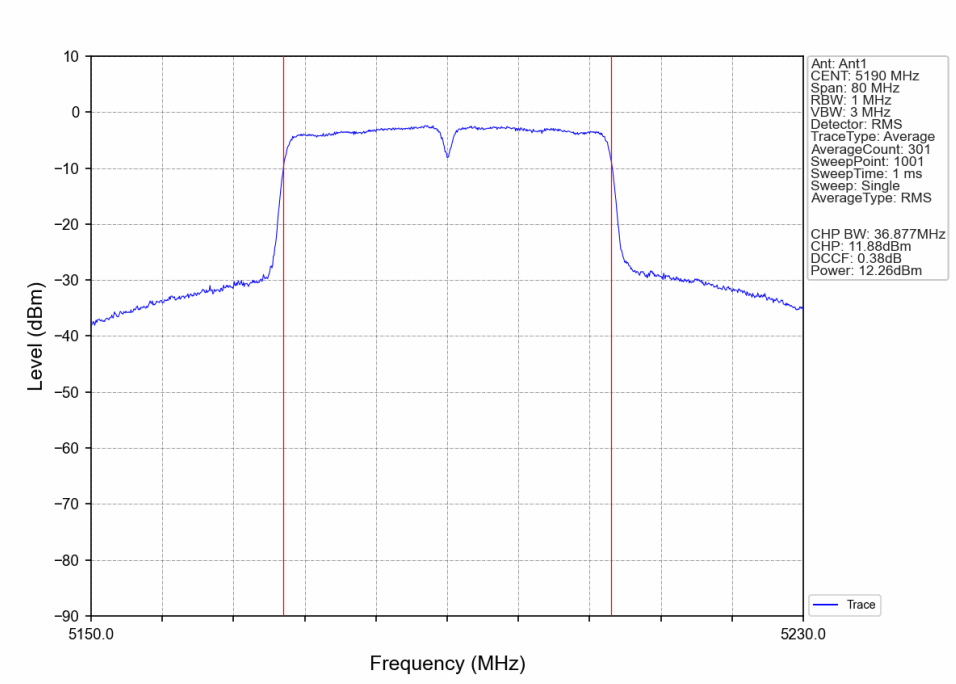

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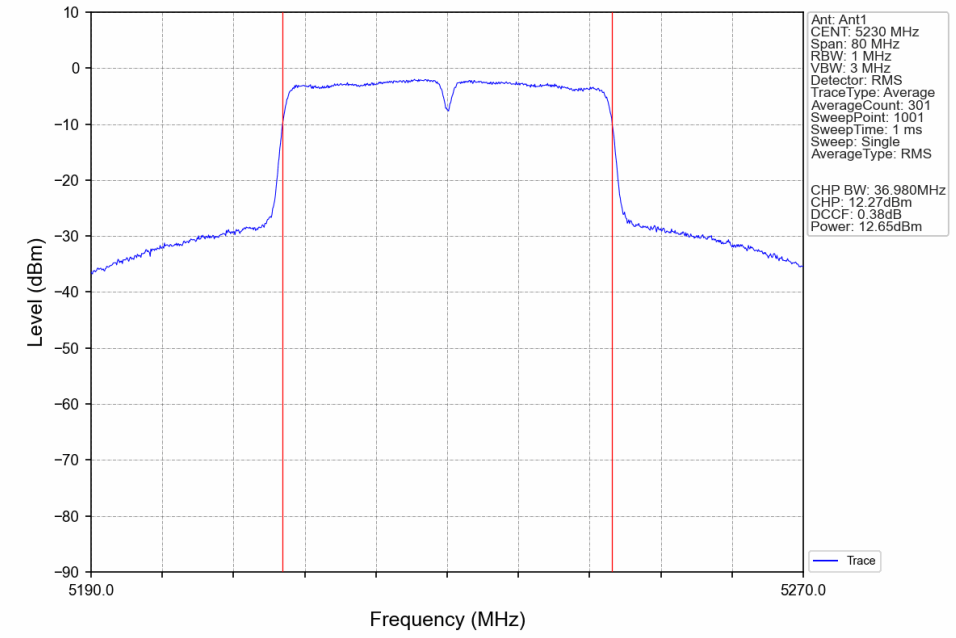

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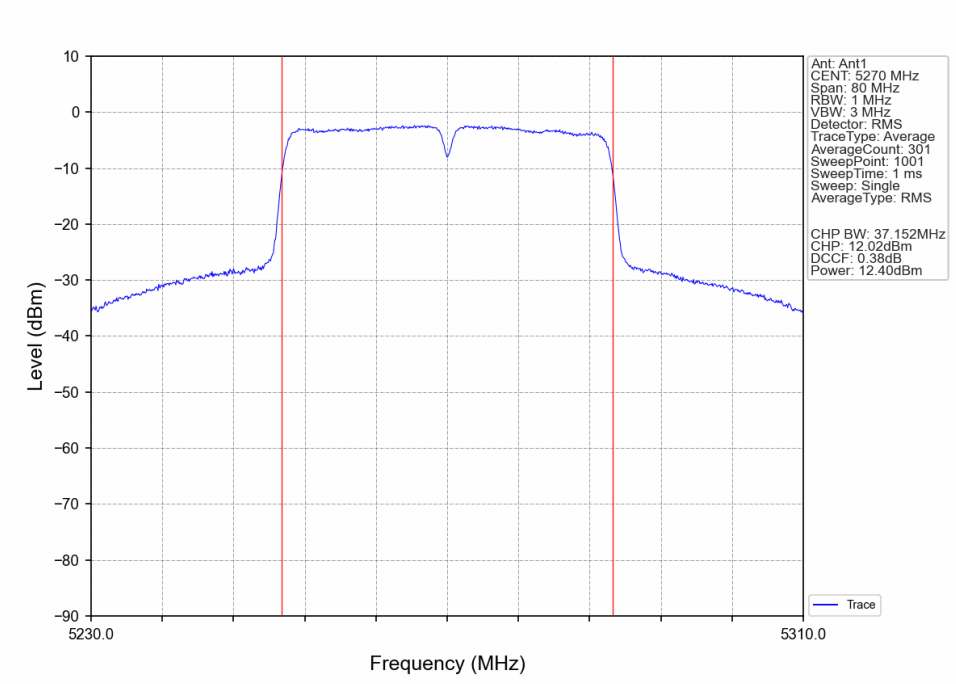

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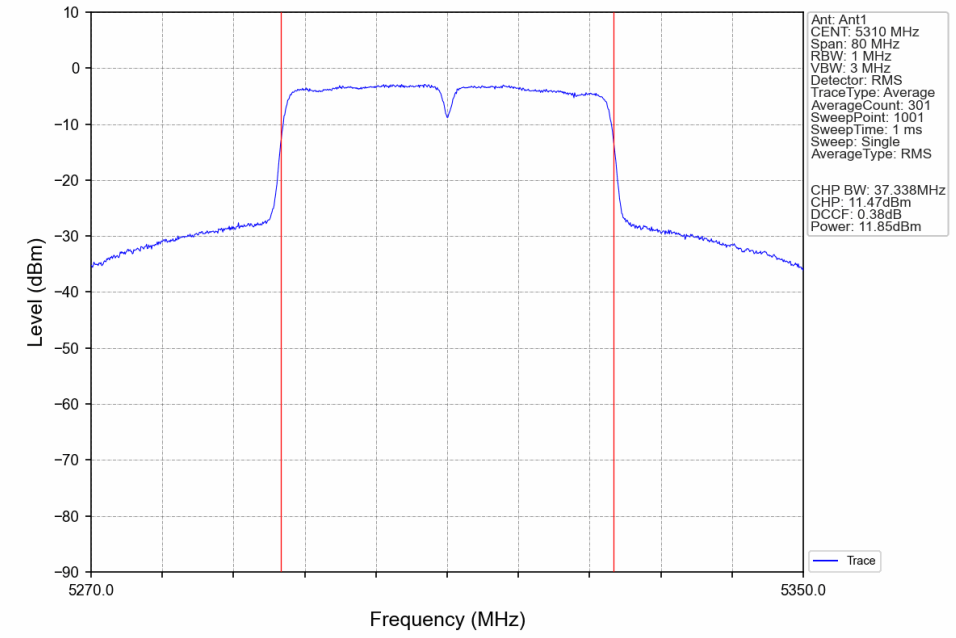

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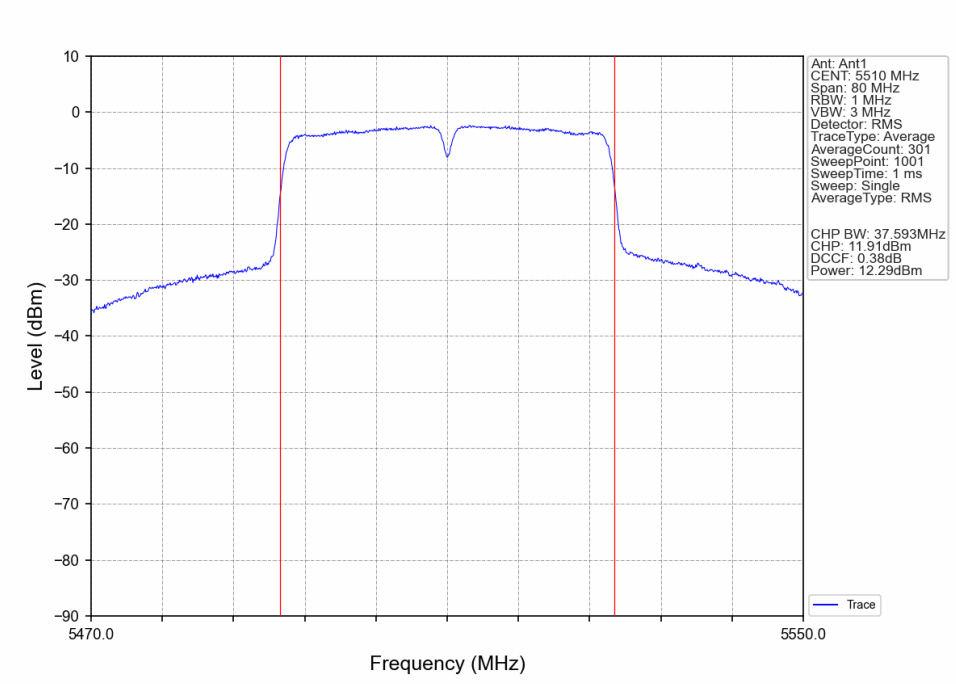

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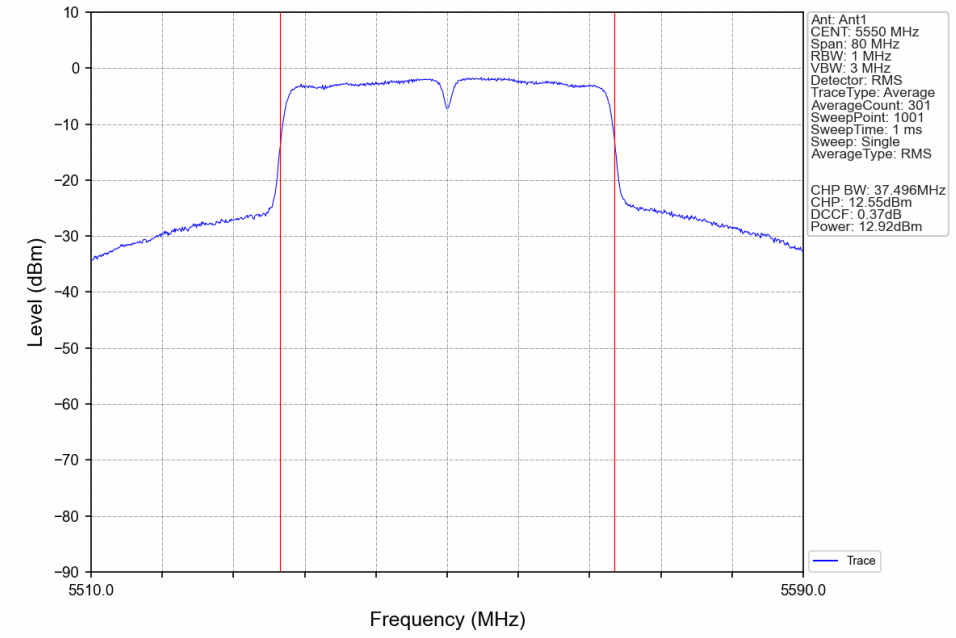

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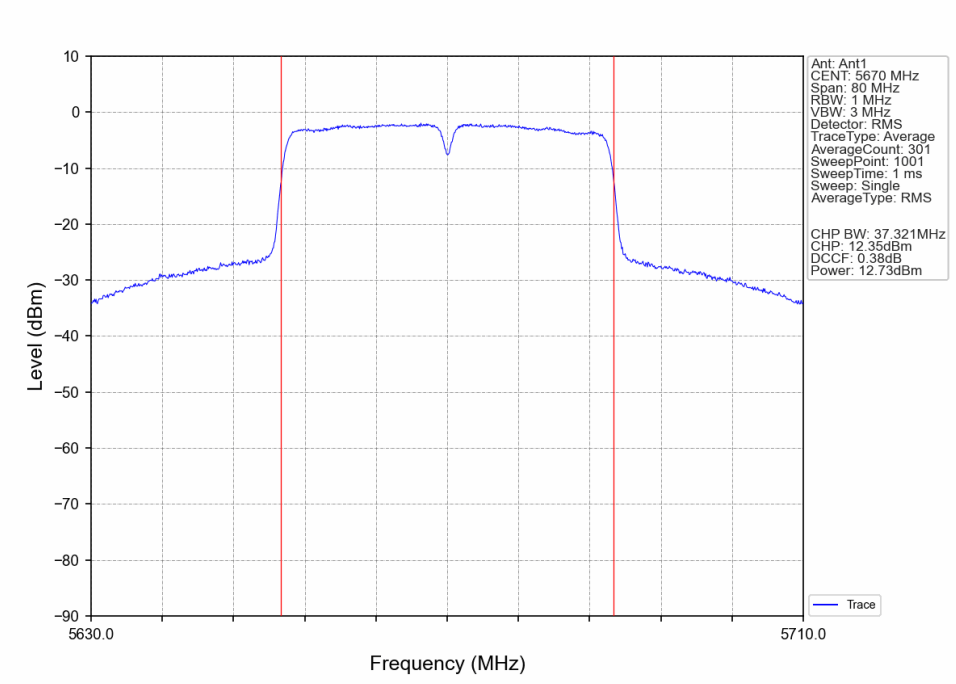

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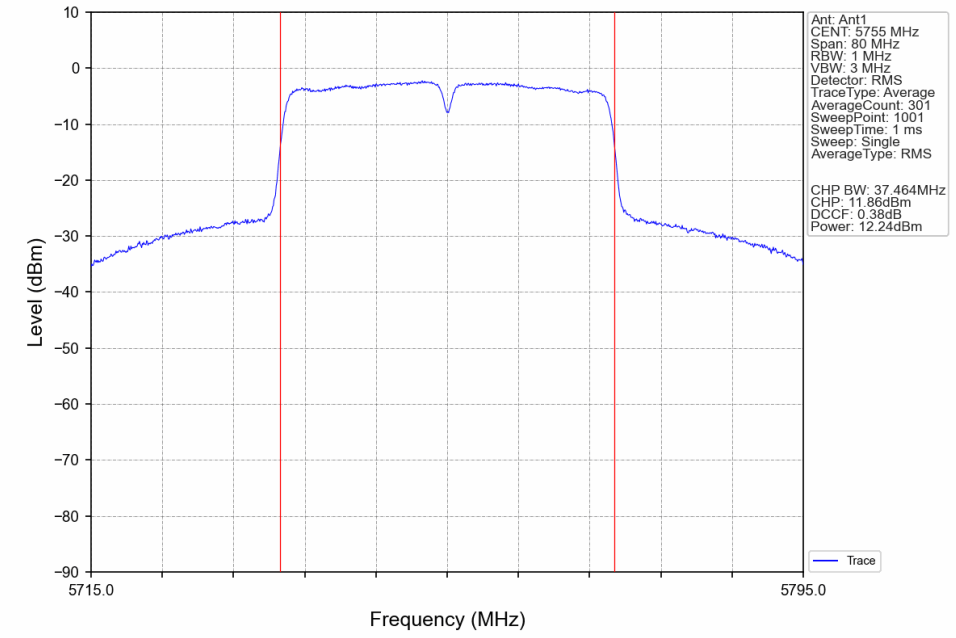

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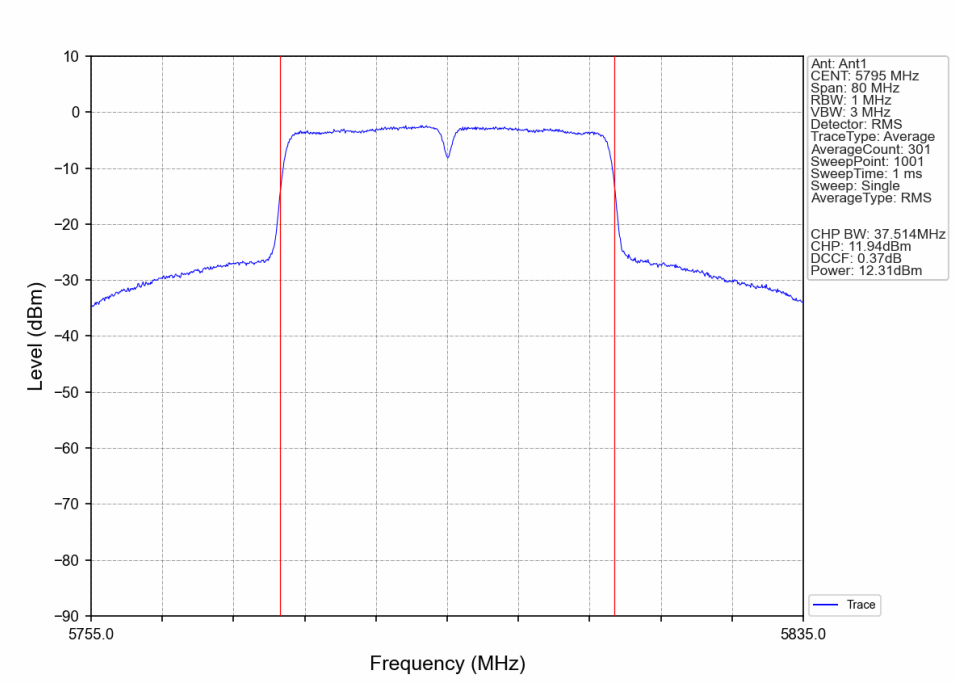

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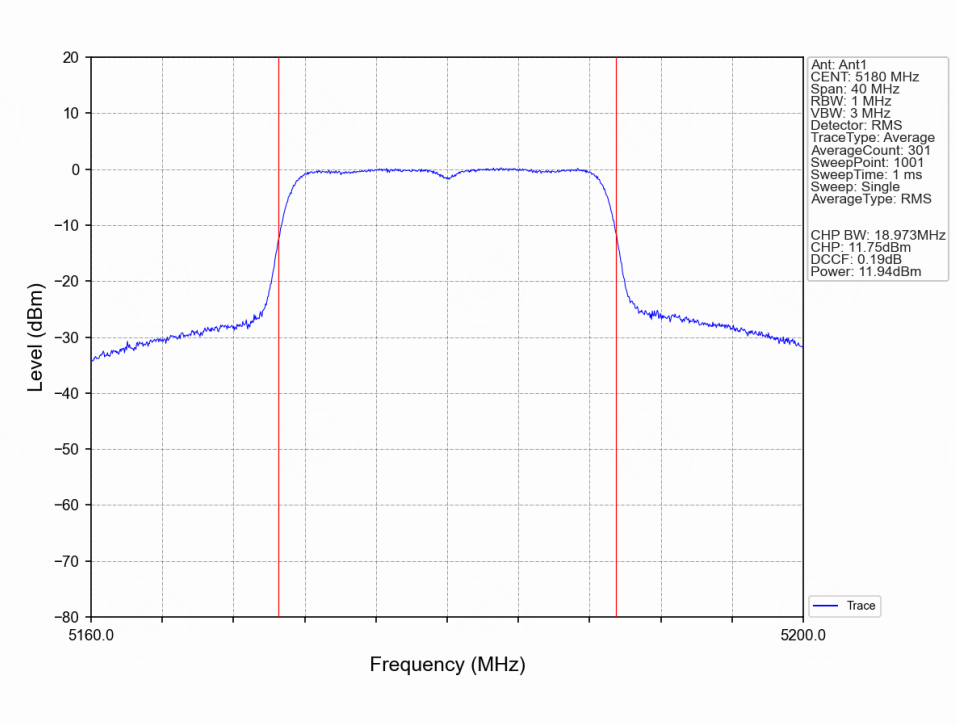

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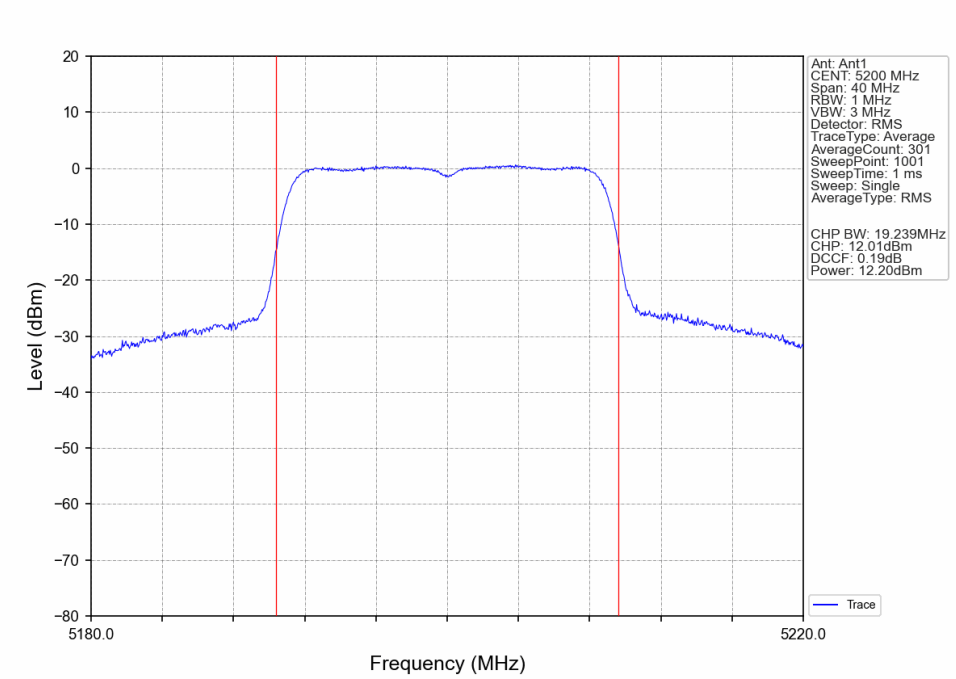

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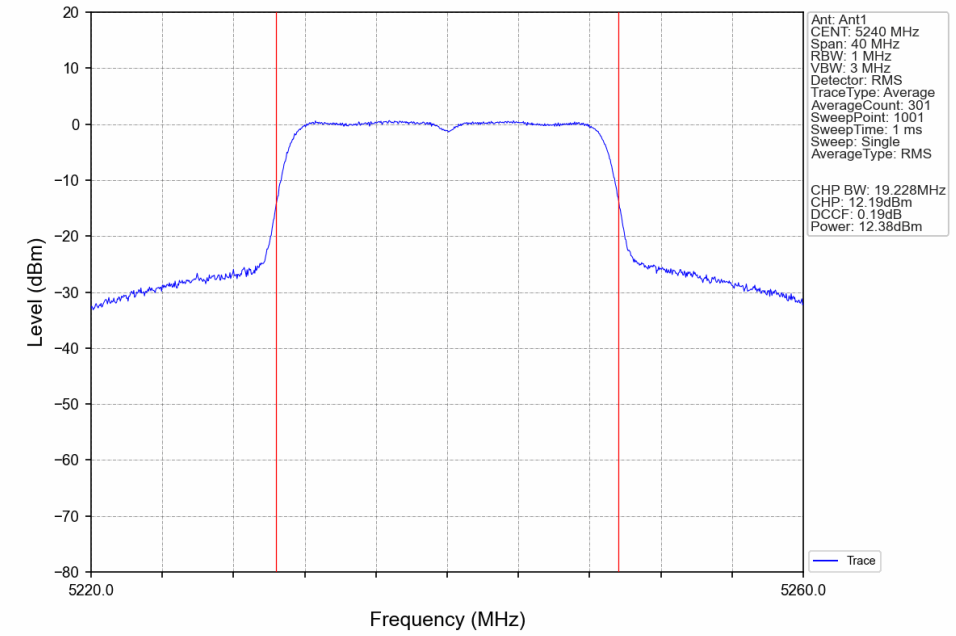
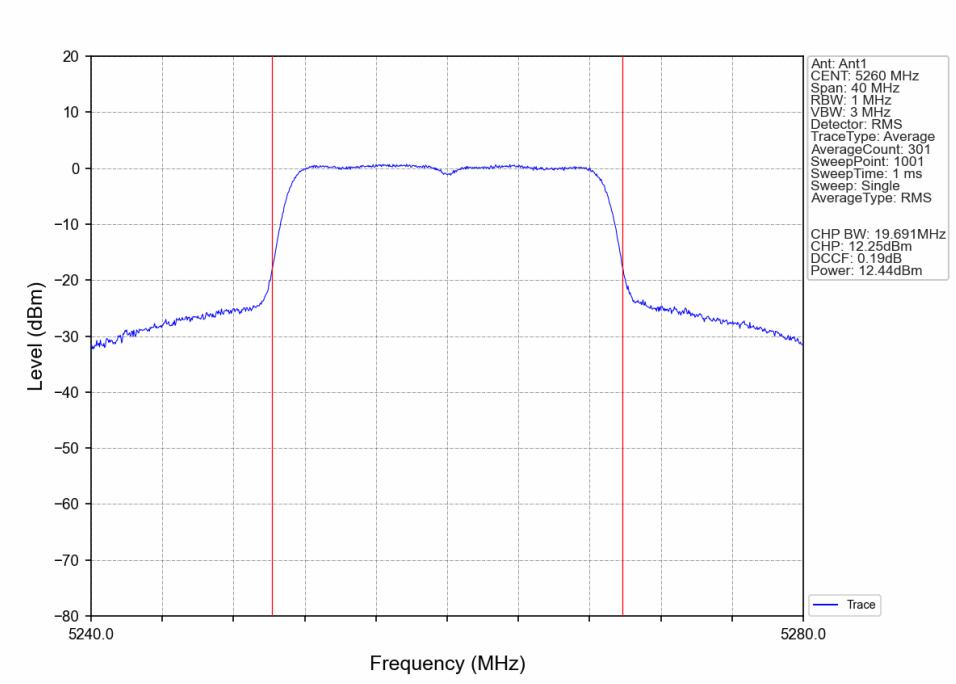


802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



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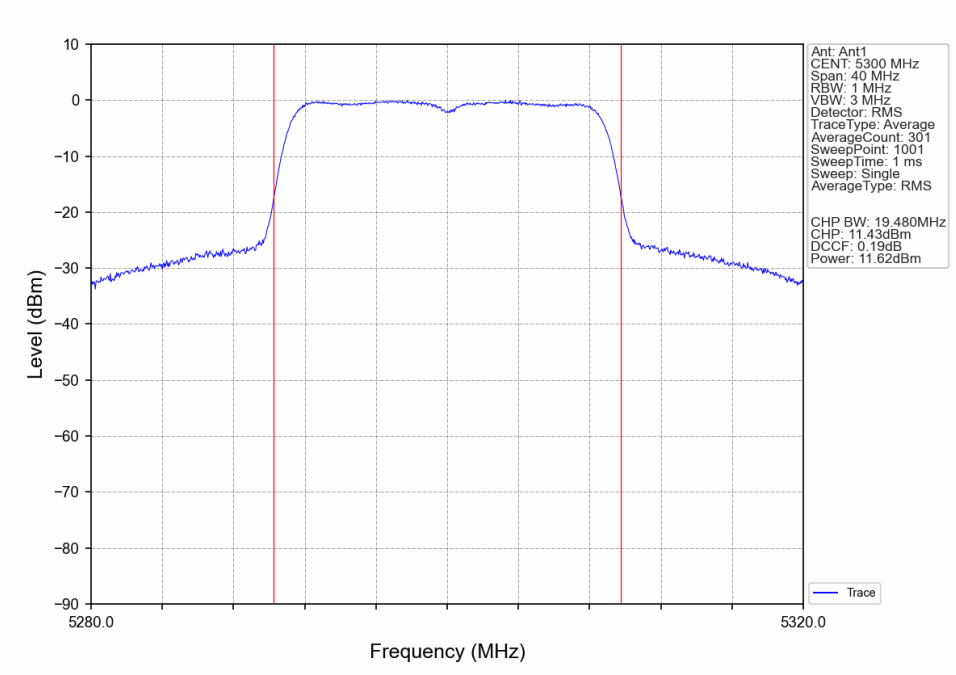

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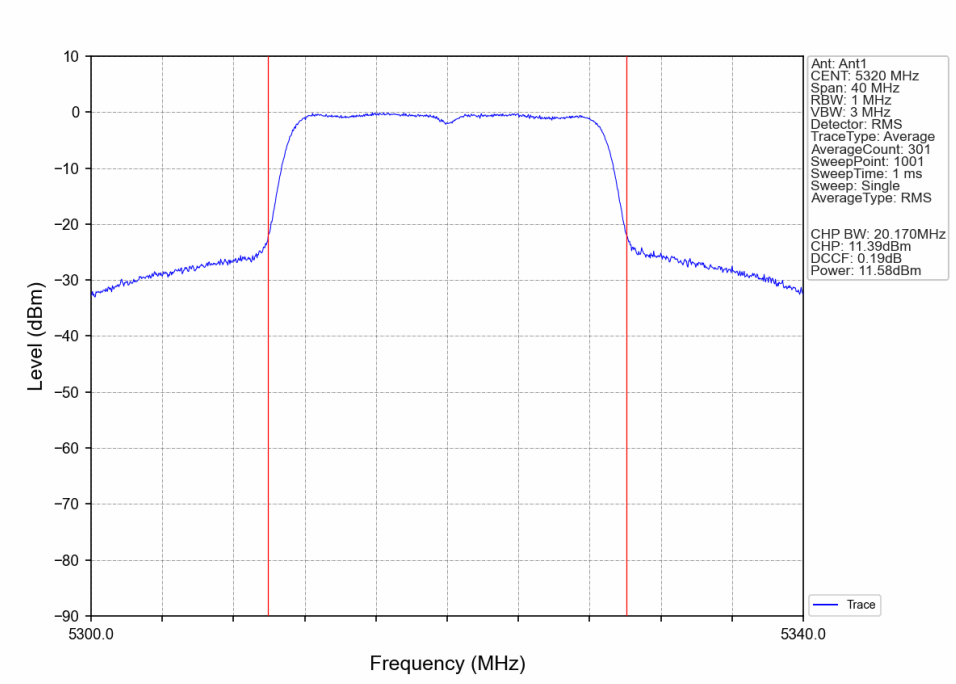

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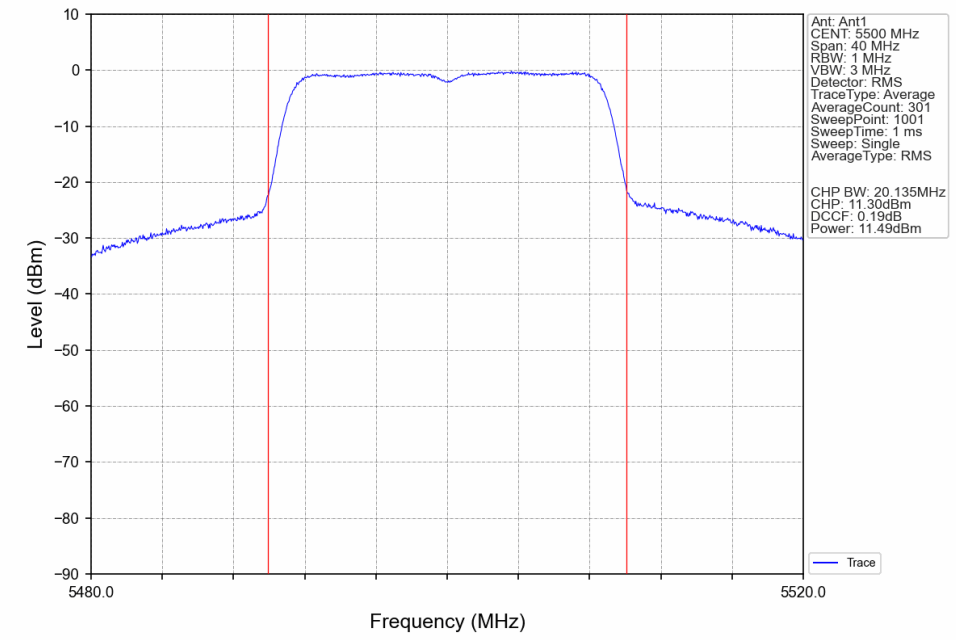

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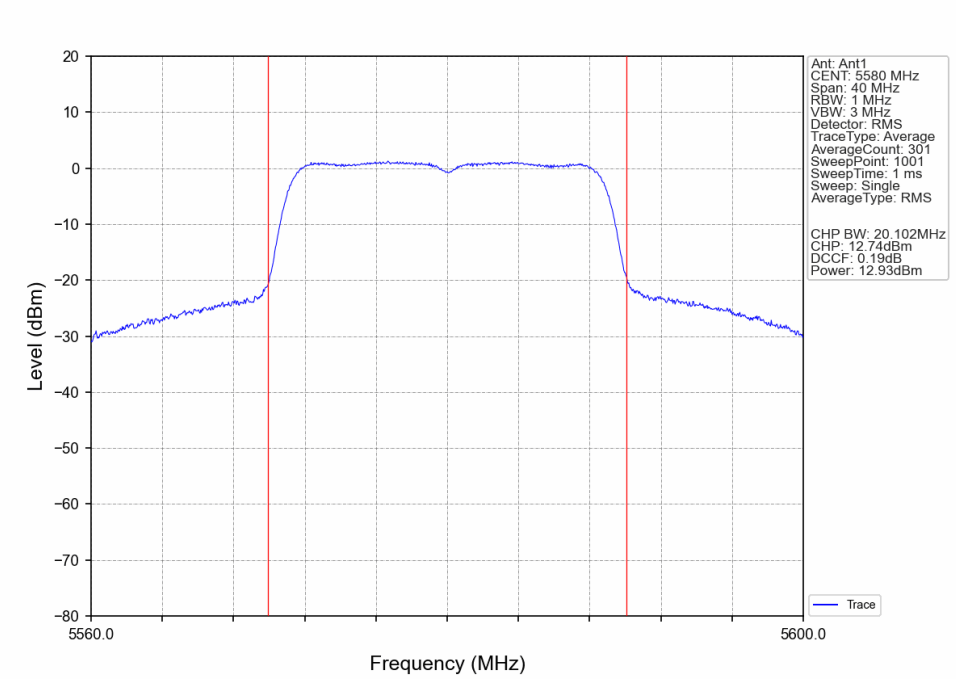

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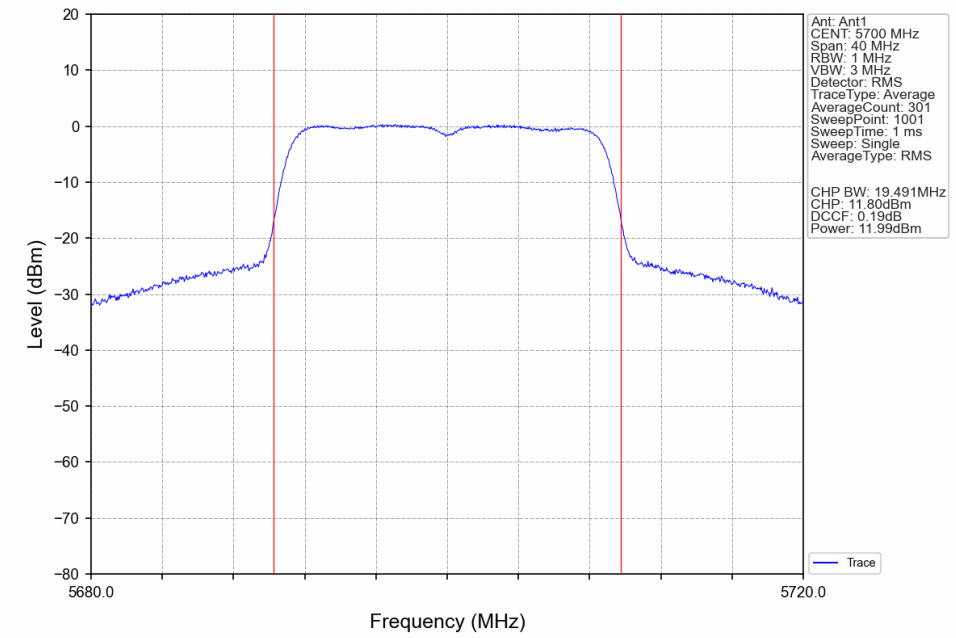

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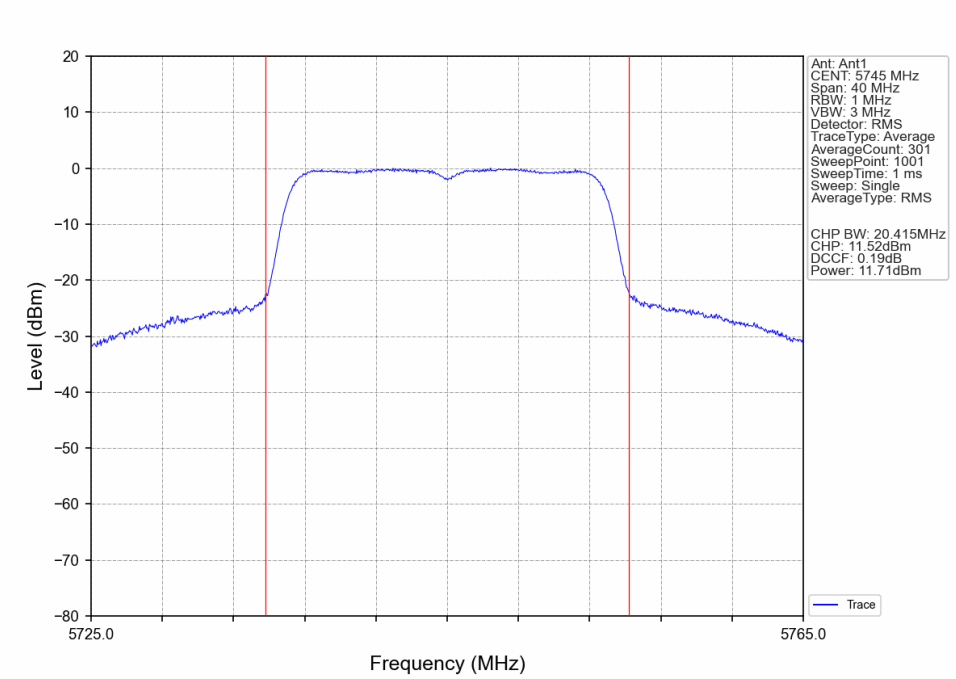

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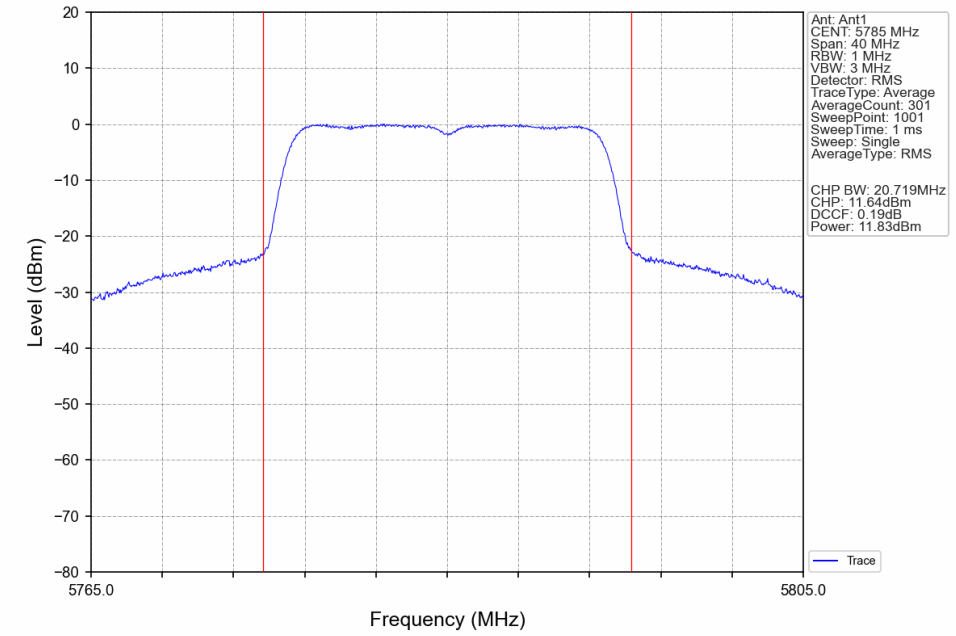

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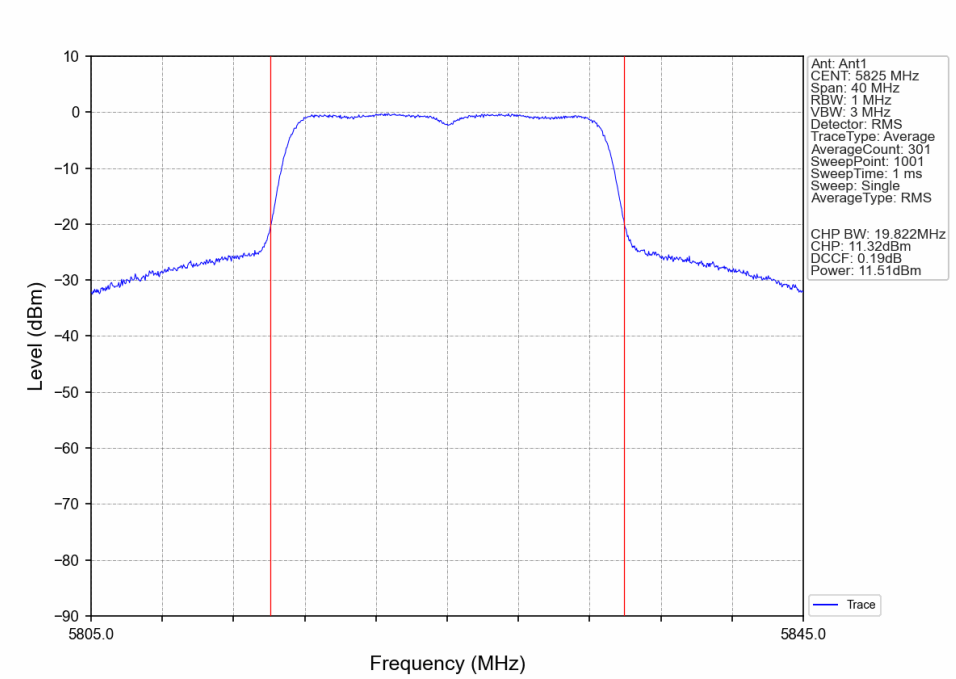

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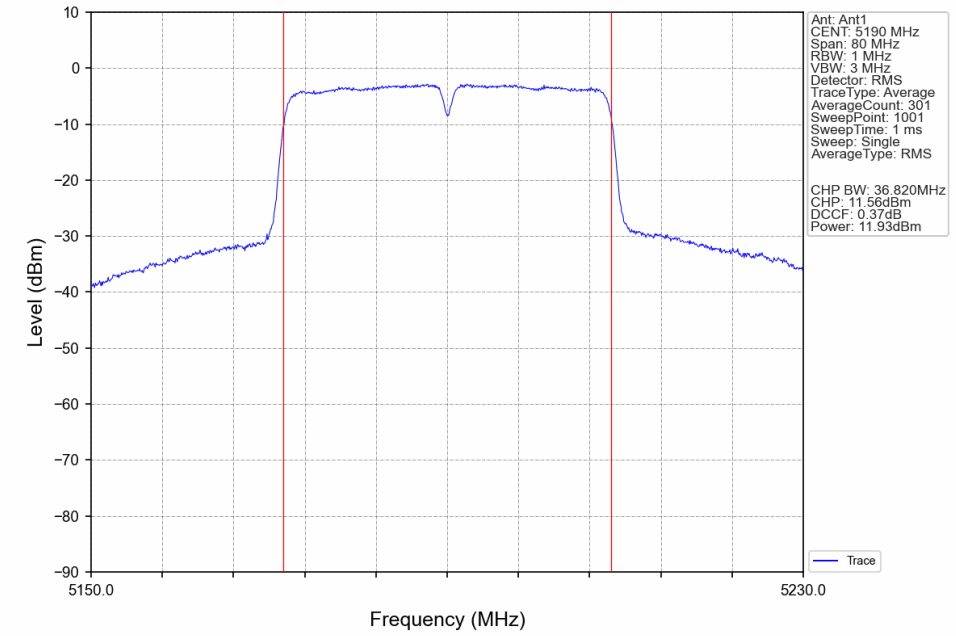

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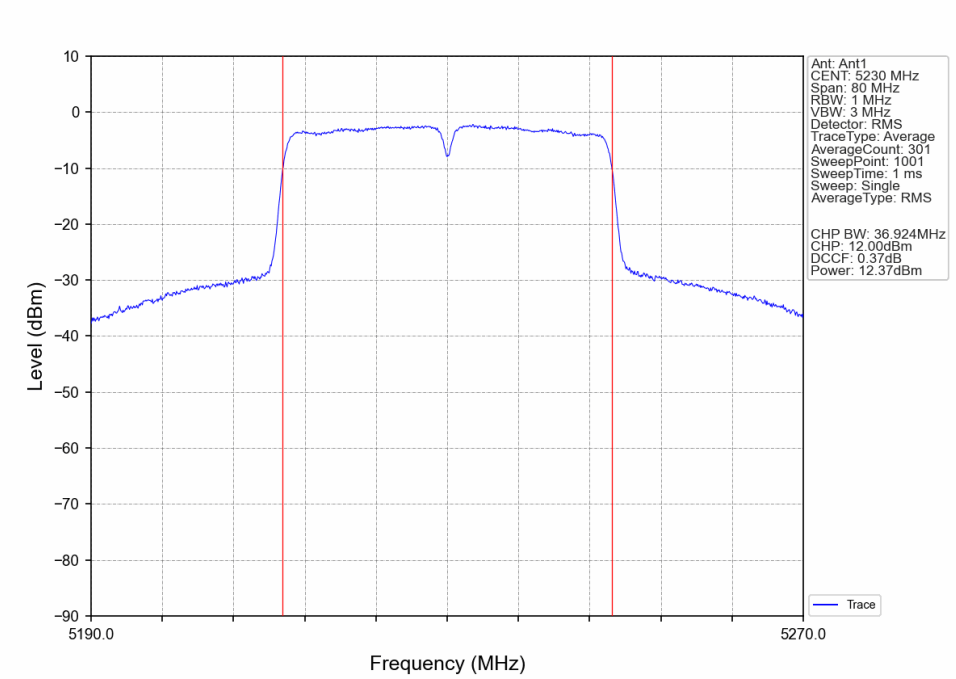

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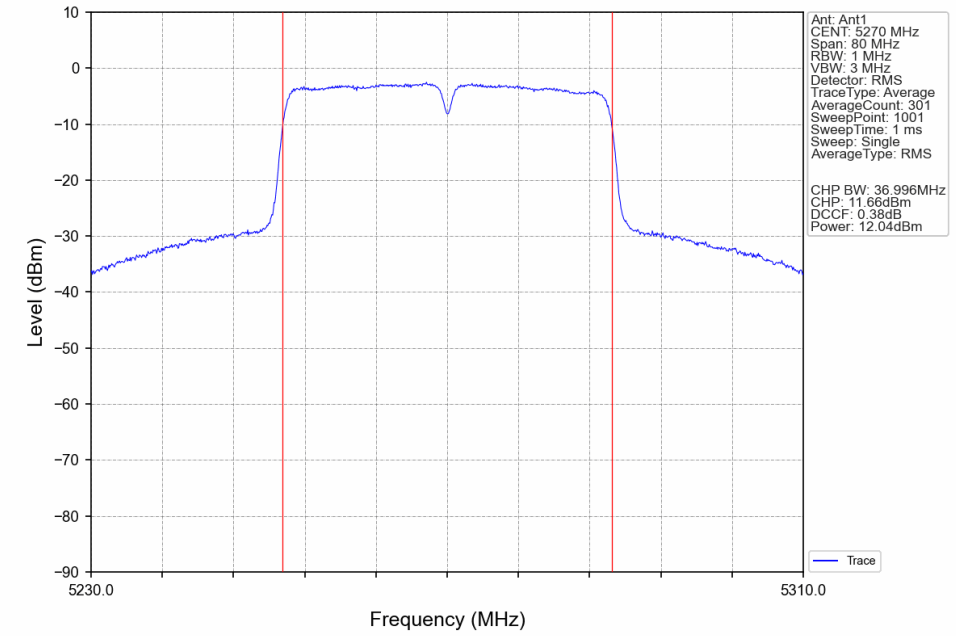
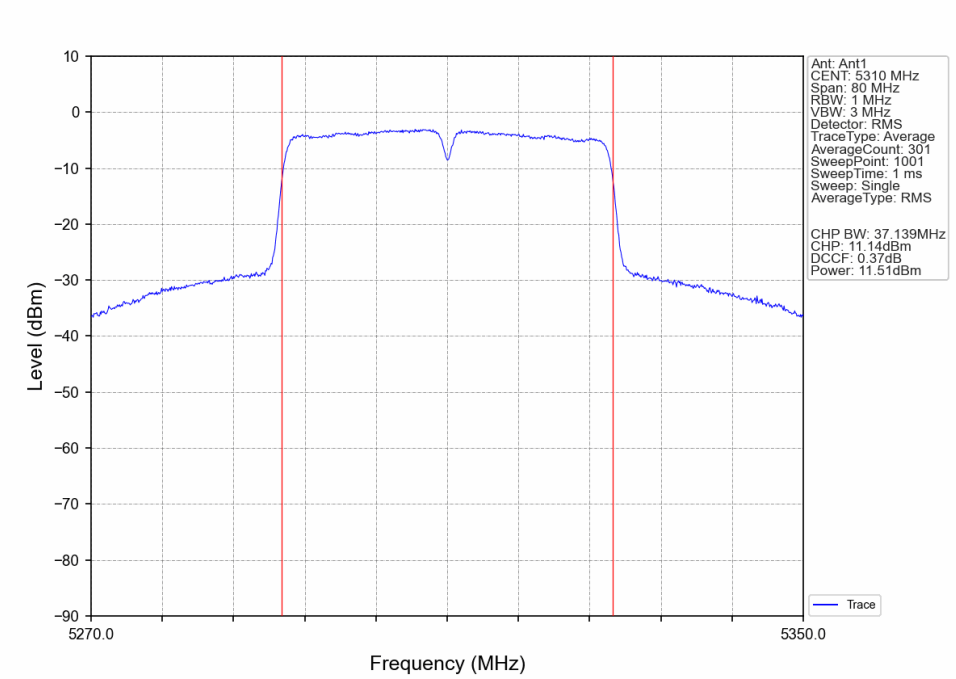
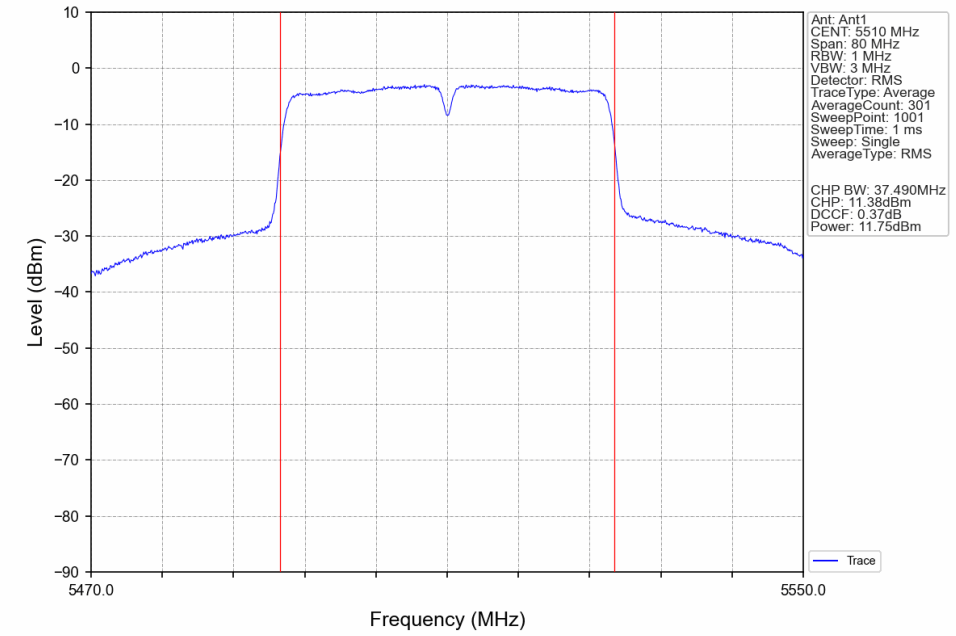


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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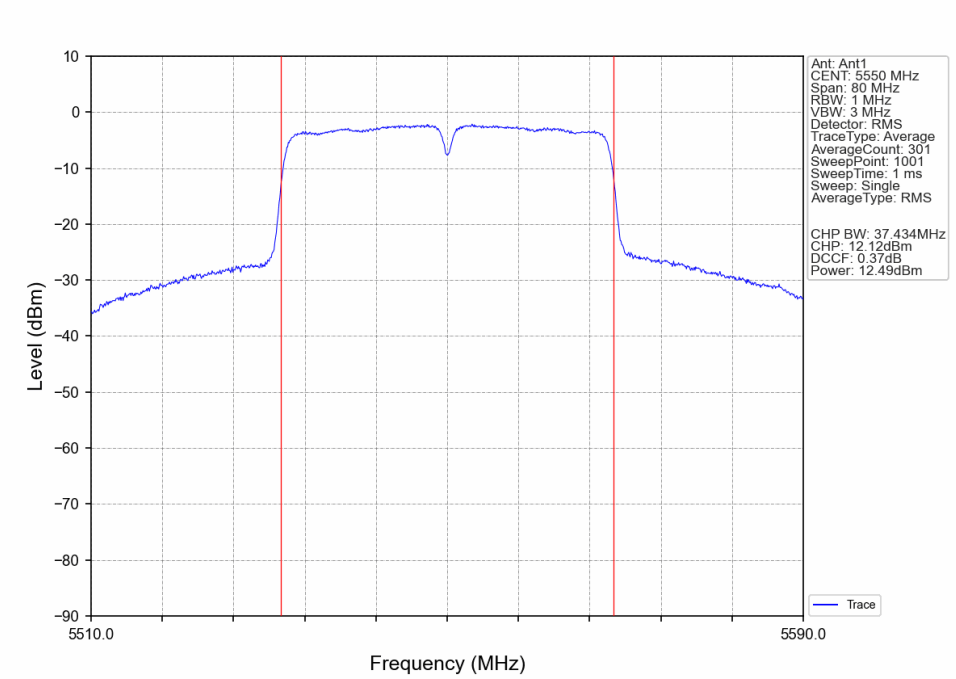

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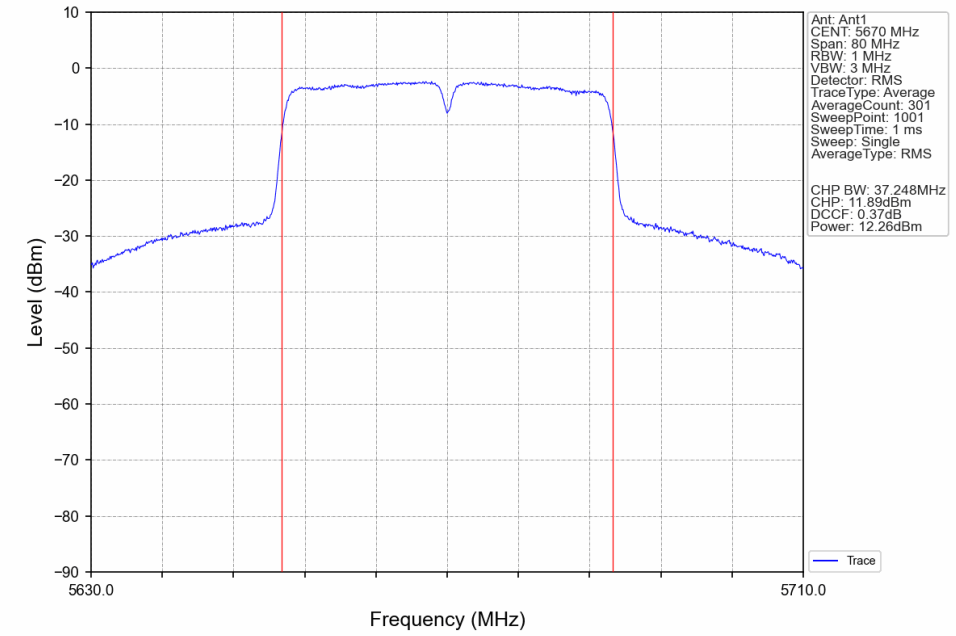

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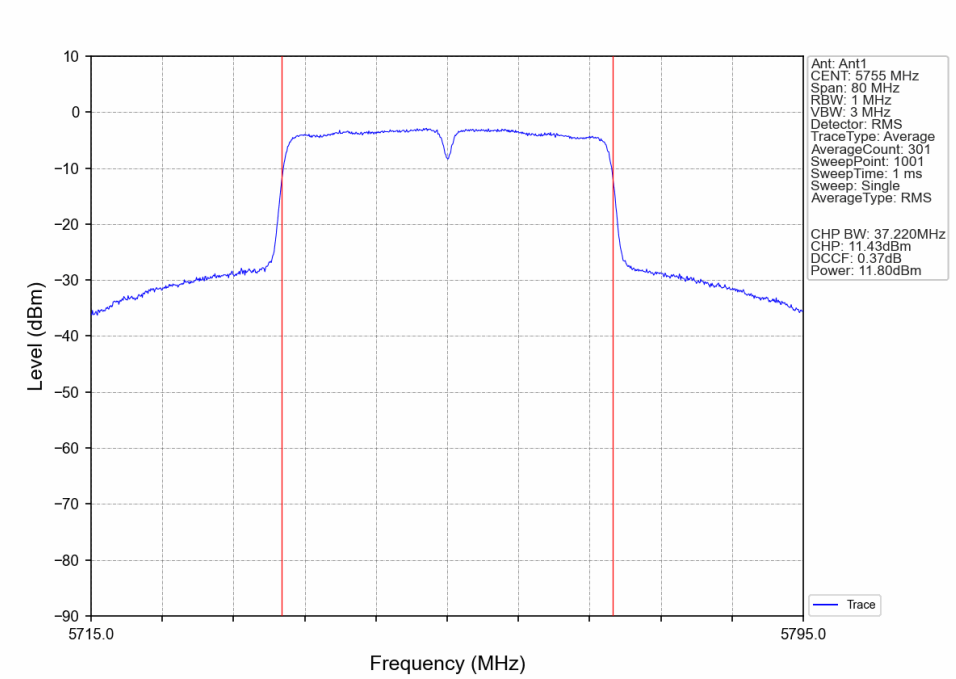

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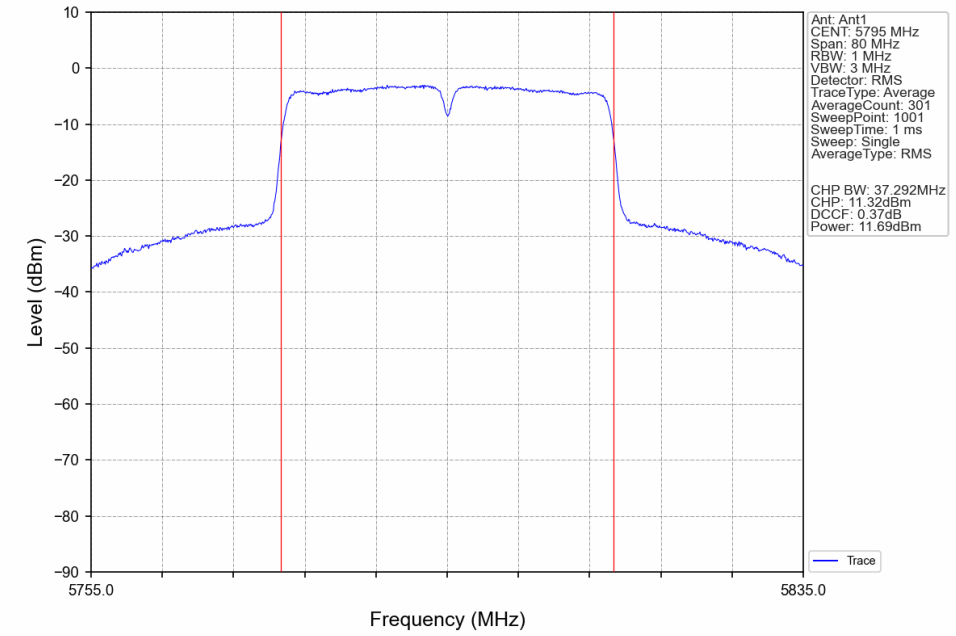

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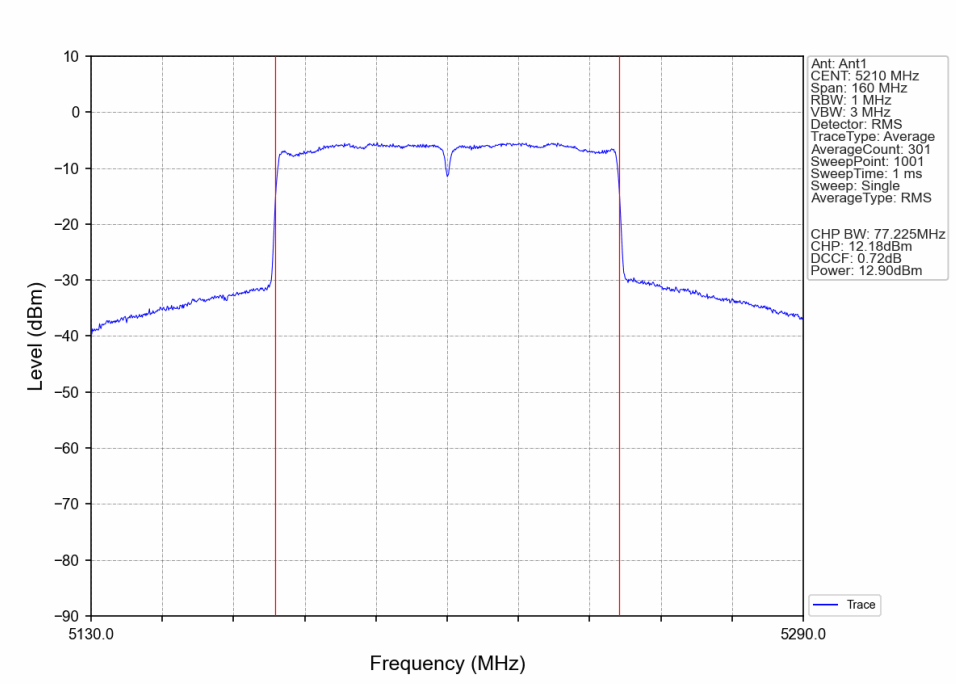

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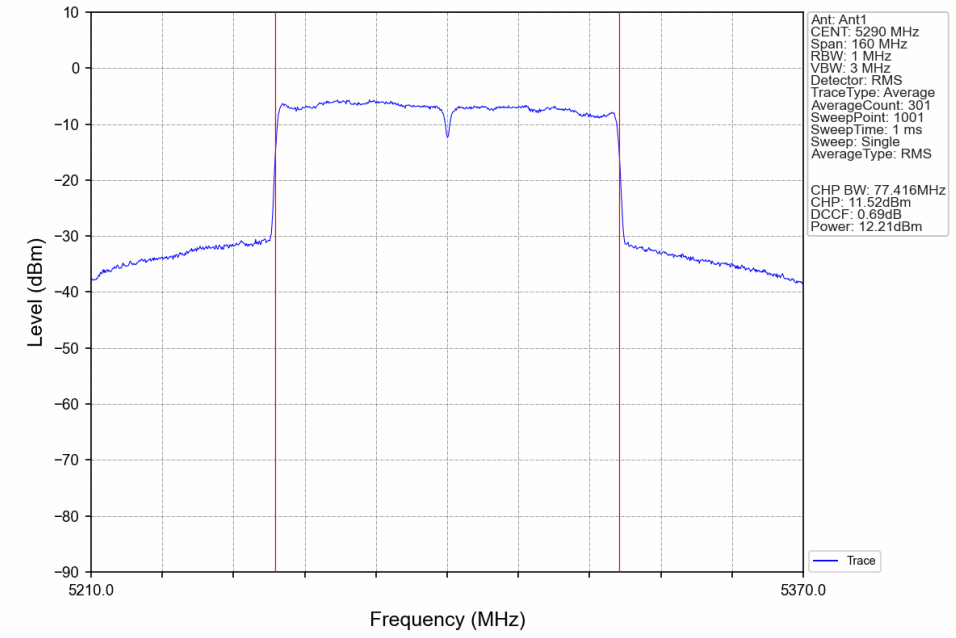

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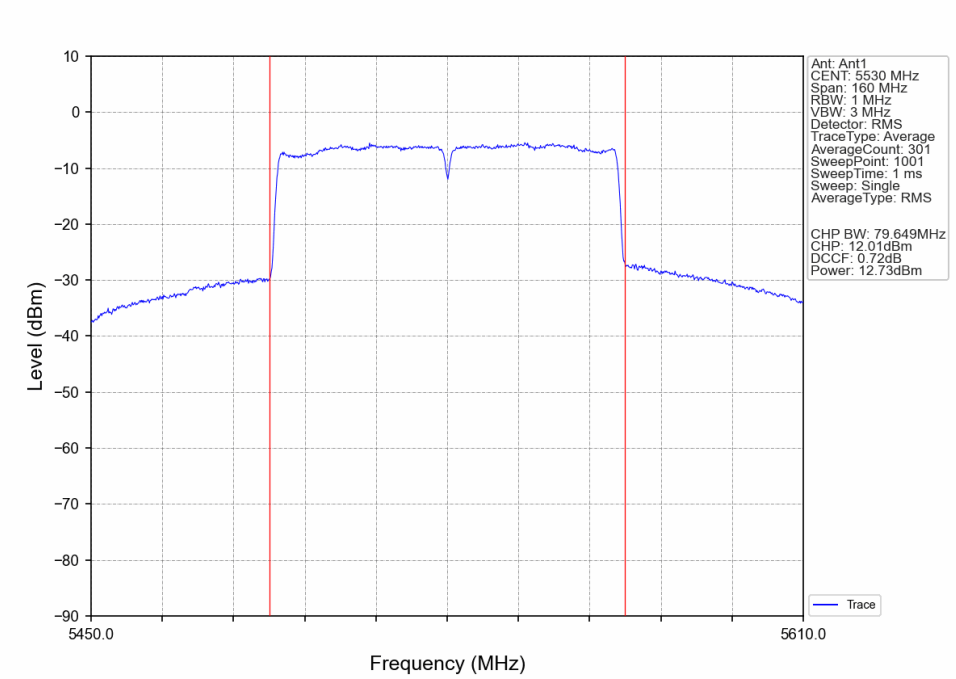

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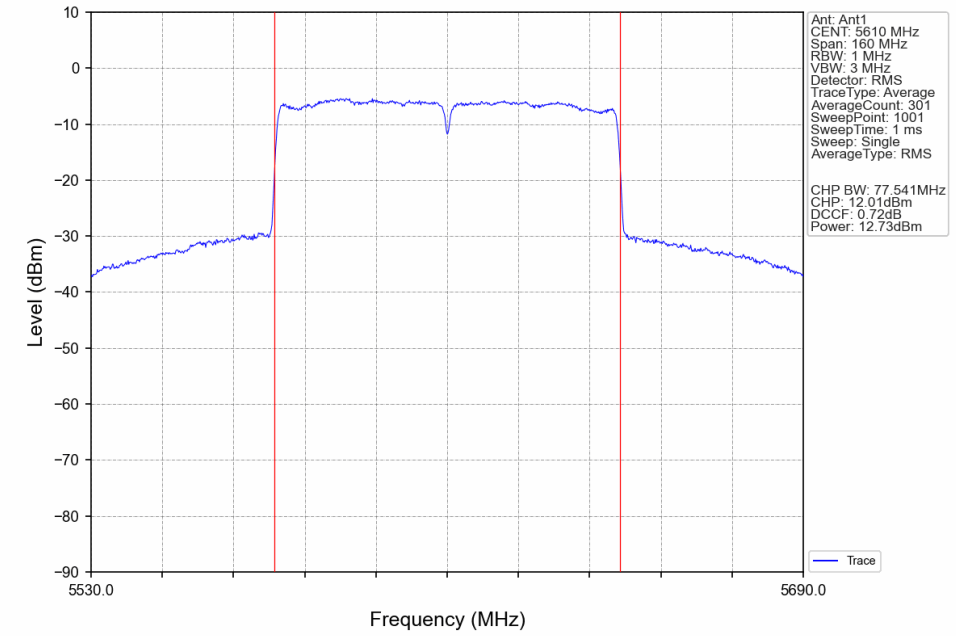

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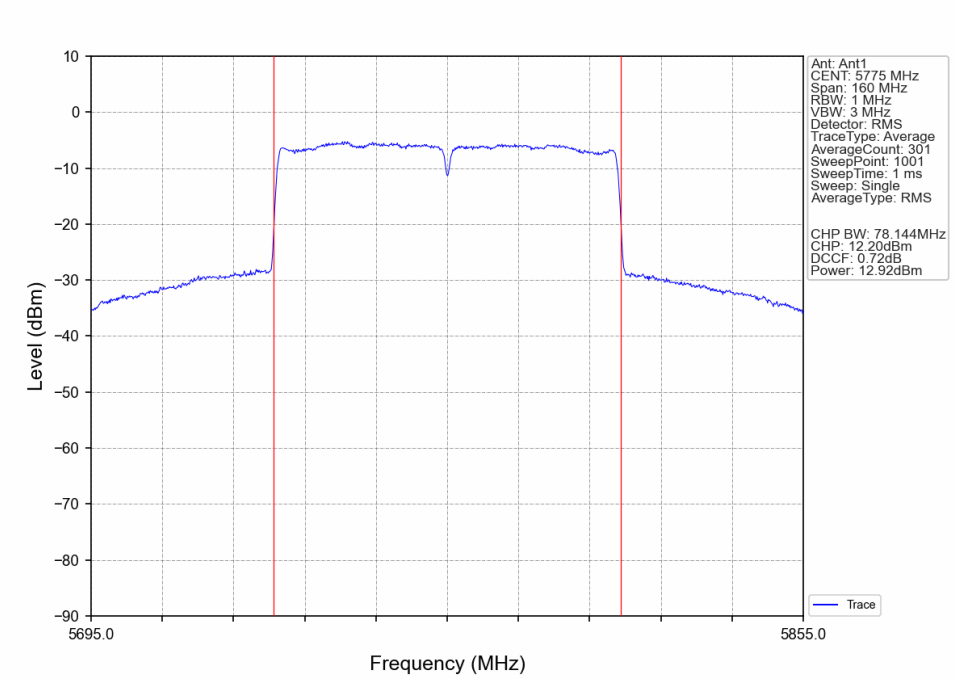


4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-1.71	<=11	Pass
		5200	1.05	<=11	Pass
		5240	1.09	<=11	Pass
		5260	0.92	<=11	Pass
		5300	0.66	<=11	Pass
		5320	0.35	<=11	Pass
		5500	0.91	<=11	Pass
		5580	2.09	<=11	Pass
		5700	1.09	<=11	Pass
802.11n (HT20)	SISO	5180	0.88	<=11	Pass
		5200	0.91	<=11	Pass
		5240	1.08	<=11	Pass
		5260	1.07	<=11	Pass
		5300	0.34	<=11	Pass
		5320	0.06	<=11	Pass
		5500	0.29	<=11	Pass
		5580	1.59	<=11	Pass
		5700	0.91	<=11	Pass
802.11n (HT40)	SISO	5190	-1.95	<=11	Pass
		5230	-1.64	<=11	Pass
		5270	-1.97	<=11	Pass
		5310	-2.55	<=11	Pass
		5510	-2.13	<=11	Pass
		5550	-1.33	<=11	Pass
		5670	-1.58	<=11	Pass
802.11ac (VHT20)	SISO	5180	0.58	<=11	Pass
		5200	0.66	<=11	Pass
		5240	0.86	<=11	Pass
		5260	0.98	<=11	Pass
		5300	0.19	<=11	Pass
		5320	0.09	<=11	Pass
		5500	0.09	<=11	Pass
		5580	1.46	<=11	Pass
		5700	0.43	<=11	Pass
802.11ac (VHT40)	SISO	5190	-2.38	<=11	Pass
		5230	-2.02	<=11	Pass
		5270	-2.26	<=11	Pass
		5310	-2.82	<=11	Pass
		5510	-2.63	<=11	Pass
		5550	-1.70	<=11	Pass
		5670	-2.00	<=11	Pass
802.11ac (VHT80)	SISO	5210	-4.65	<=11	Pass
		5290	-5.01	<=11	Pass
		5530	-4.79	<=11	Pass
		5610	-4.67	<=11	Pass
Note1: Antenna Gain: Ant1: 1.80dBi;					

4.1.2 PSD-Band3

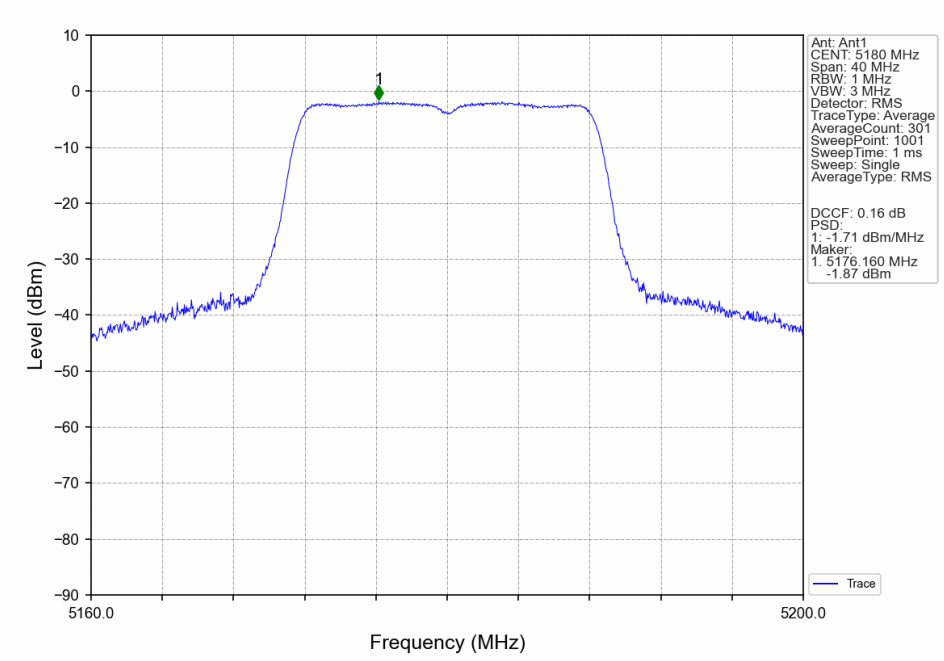
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	

802.11a	SISO	5745	-2.13	<=30	Pass
		5785	-2.23	<=30	Pass
		5825	-2.25	<=30	Pass
802.11n (HT20)	SISO	5745	-2.14	<=30	Pass
		5785	-1.94	<=30	Pass
		5825	-2.49	<=30	Pass
802.11n (HT40)	SISO	5755	-4.83	<=30	Pass
		5795	-4.99	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.62	<=30	Pass
		5785	-2.46	<=30	Pass
		5825	-2.98	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.10	<=30	Pass
		5795	-5.55	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.84	<=30	Pass
Note1: Antenna Gain: Ant1: 1.80dBi;					

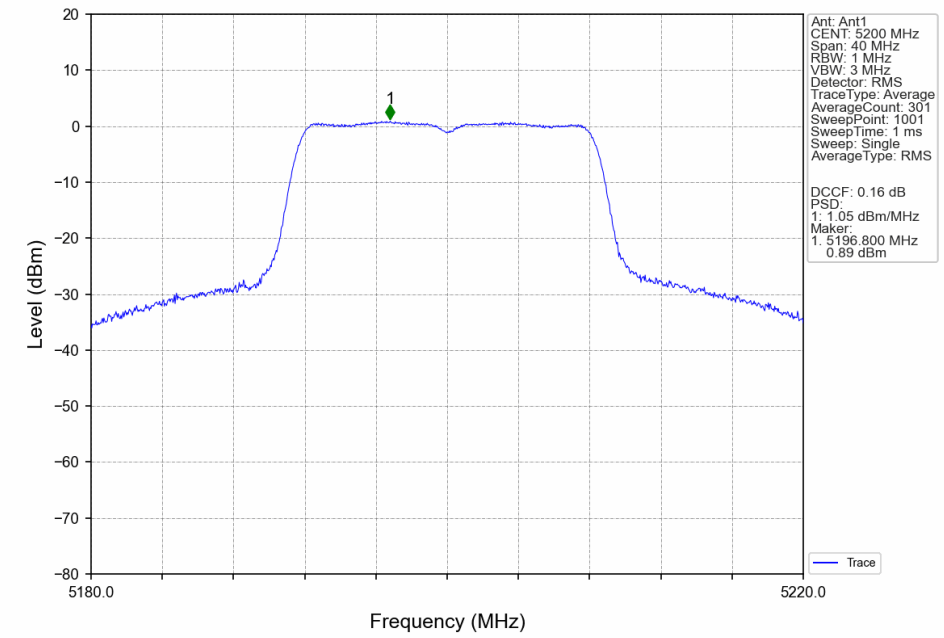
4.2 Test Graph

4.2.1 PSD

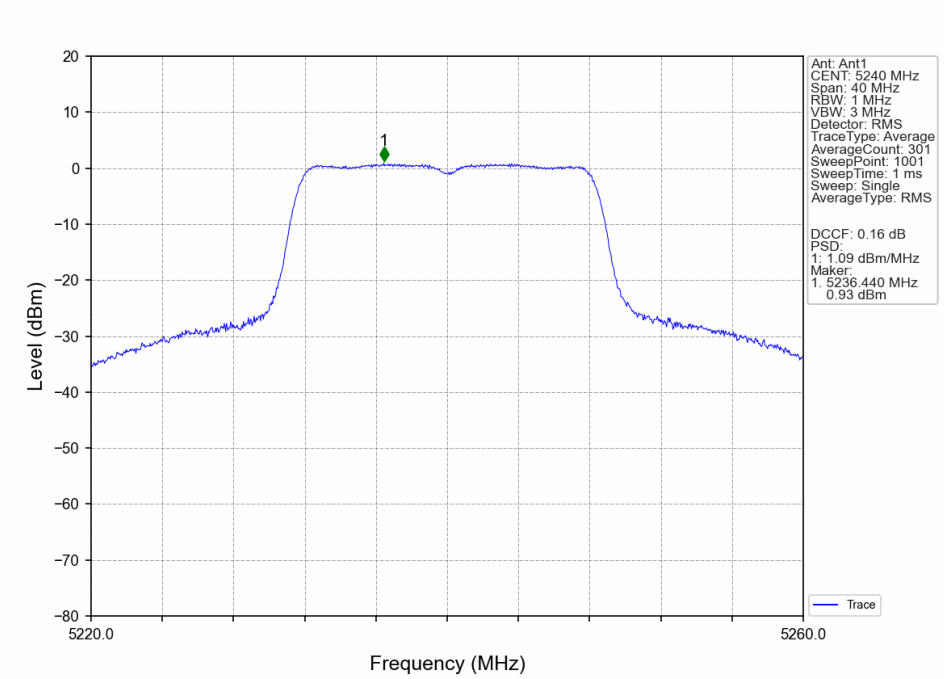
802.11a_LCH_5180MHz_Ant1_NTNV



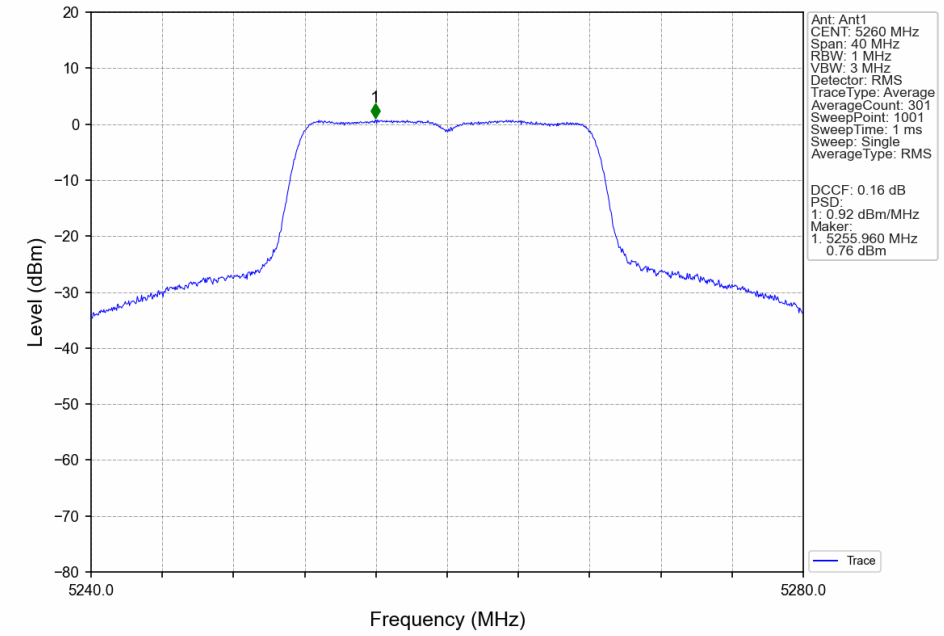
802.11a_MCH_5200MHz_Ant1_NTNV



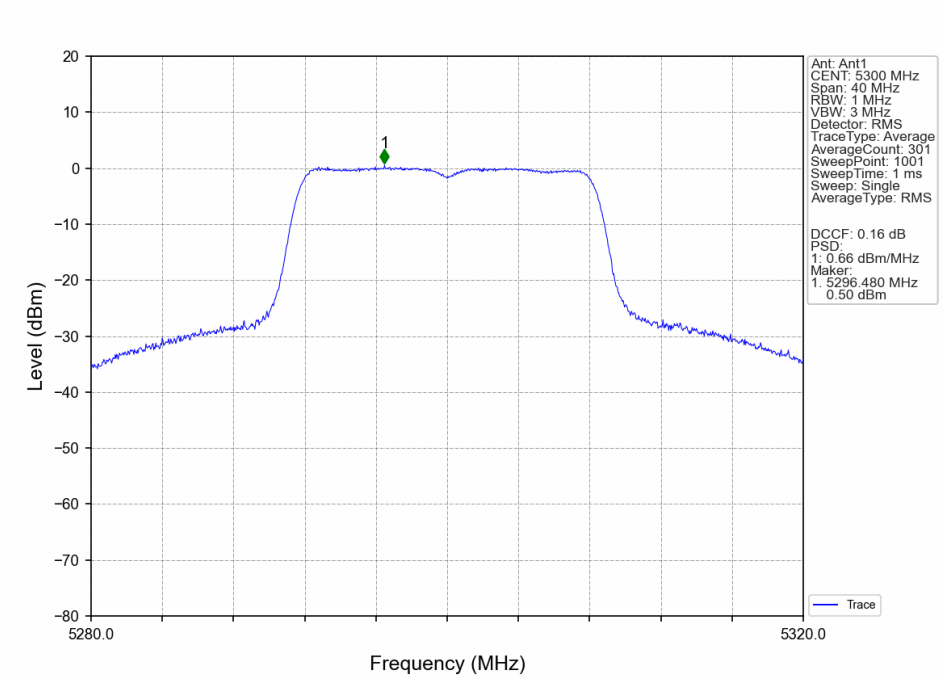
802.11a_HCH_5240MHz_Ant1_NTNV



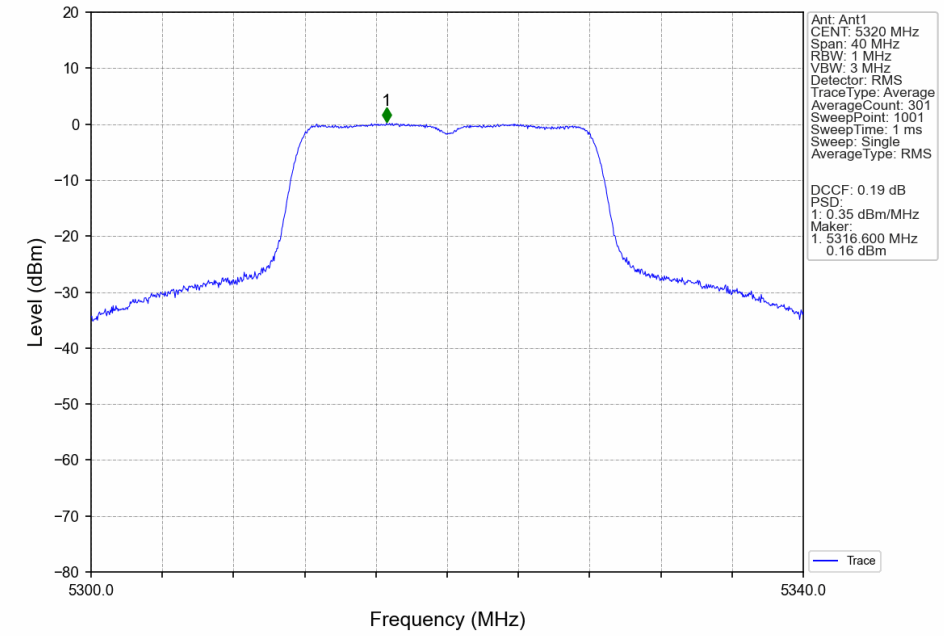
802.11a_LCH_5260MHz_Ant1_NTNV



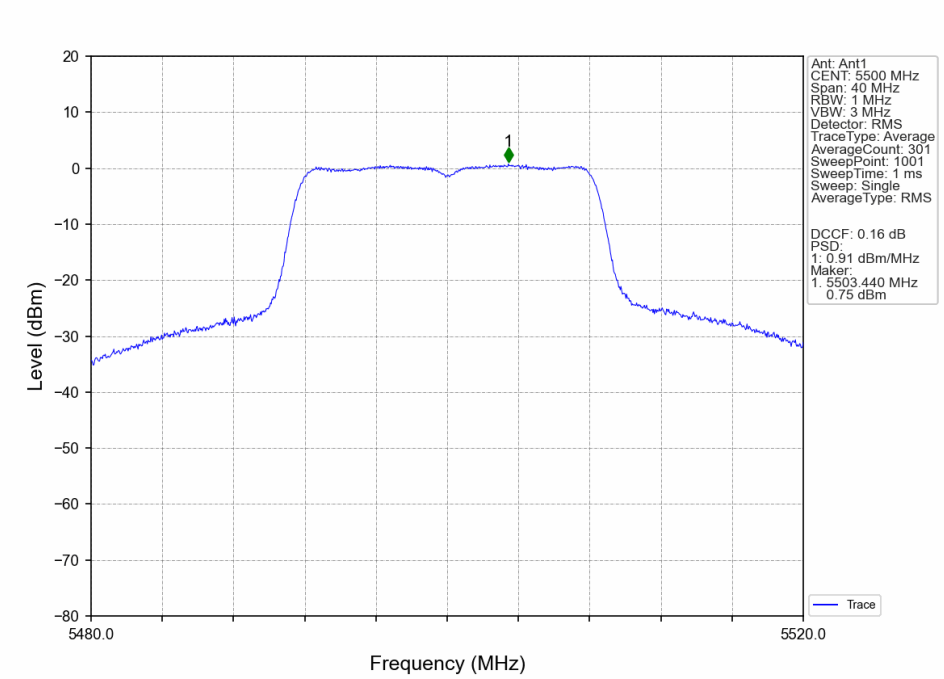
802.11a_MCH_5300MHz_Ant1_NTNV



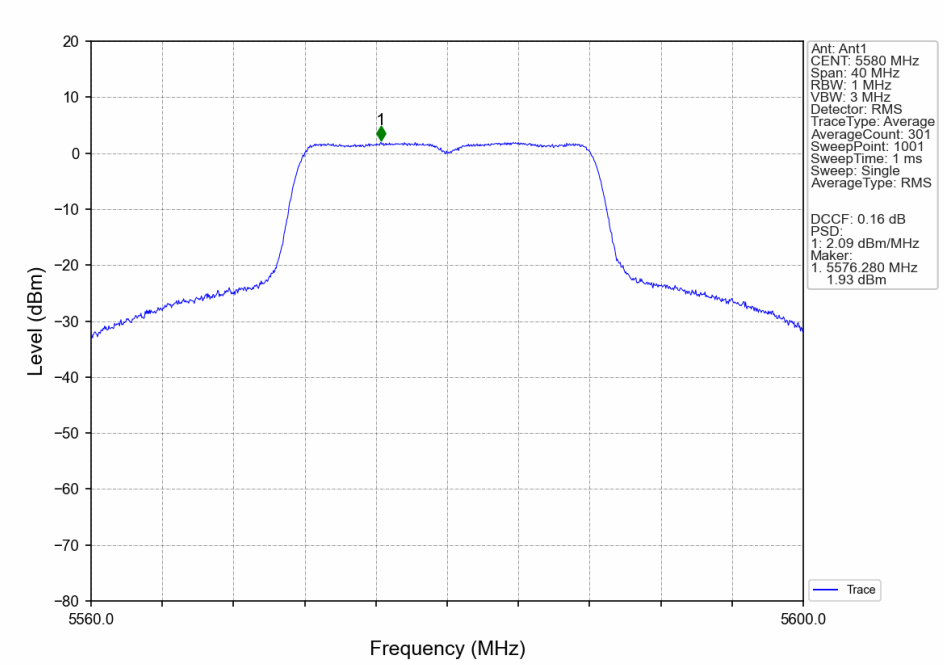
802.11a_HCH_5320MHz_Ant1_NTNV



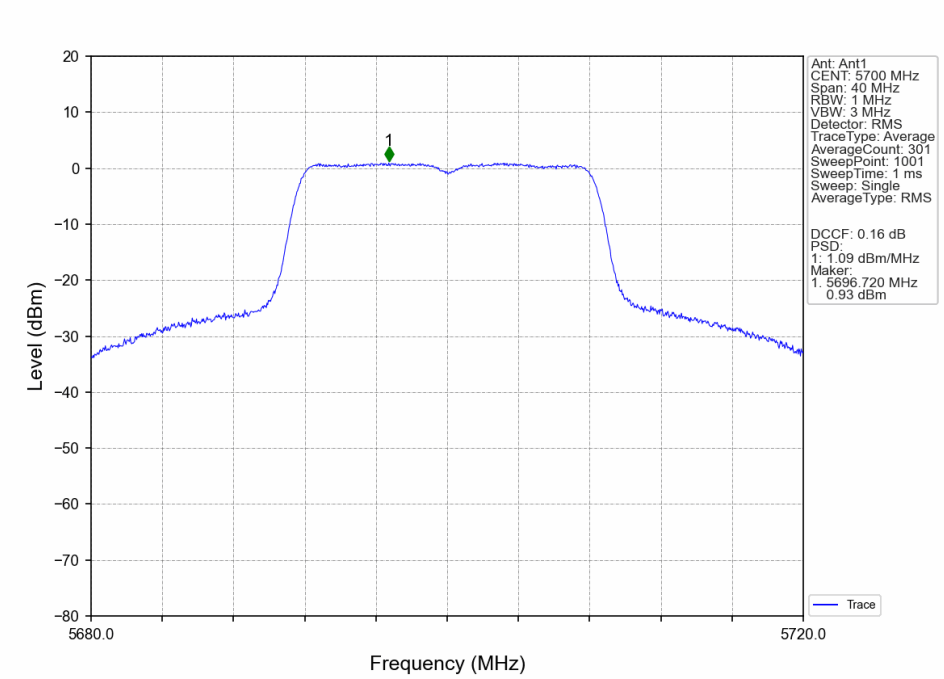
802.11a_LCH_5500MHz_Ant1_NTNV



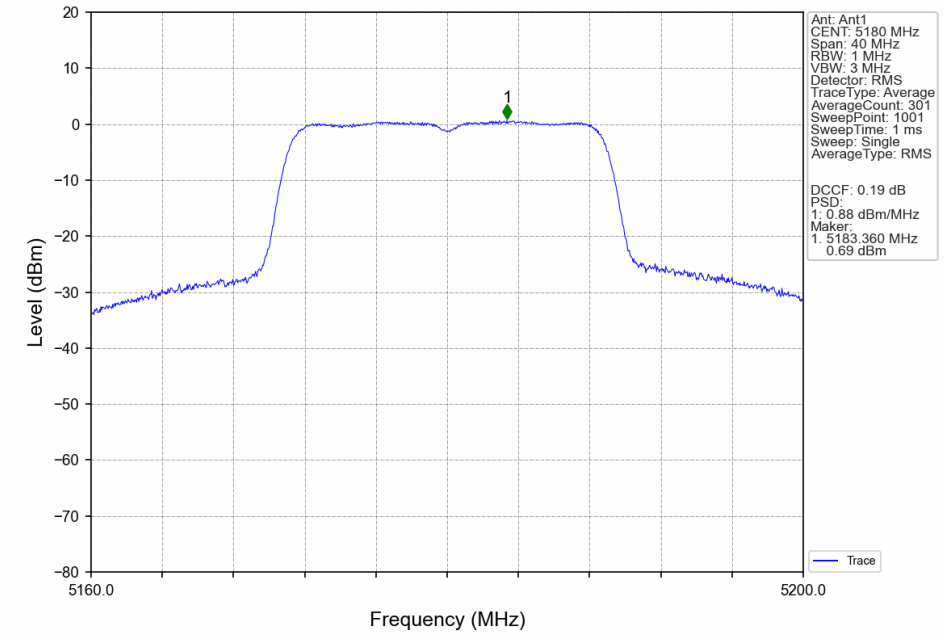
802.11a_MCH_5580MHz_Ant1_NTNV



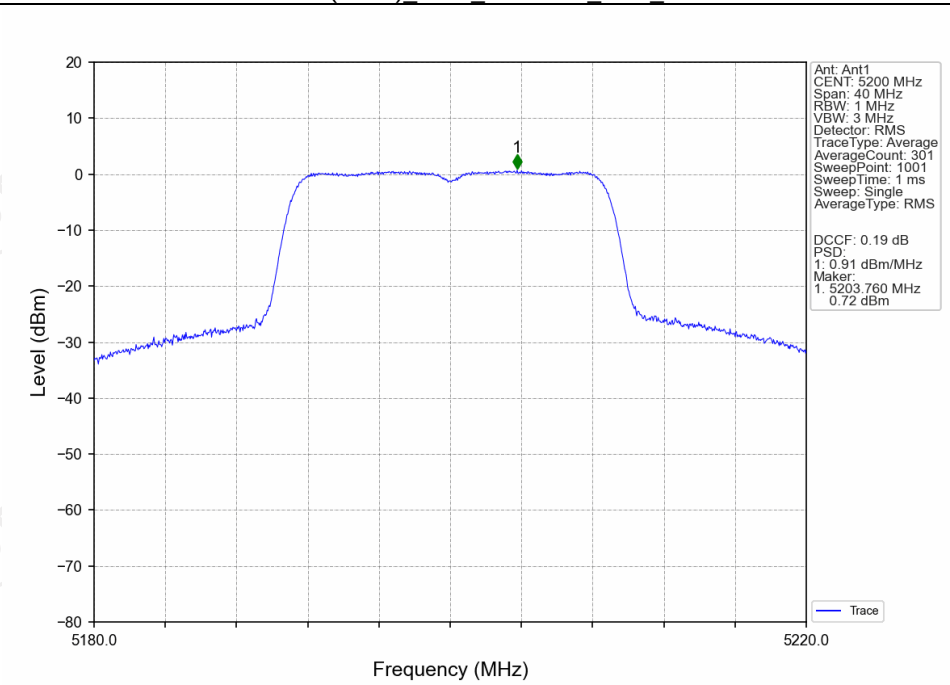
802.11a_HCH_5700MHz_Ant1_NTNV



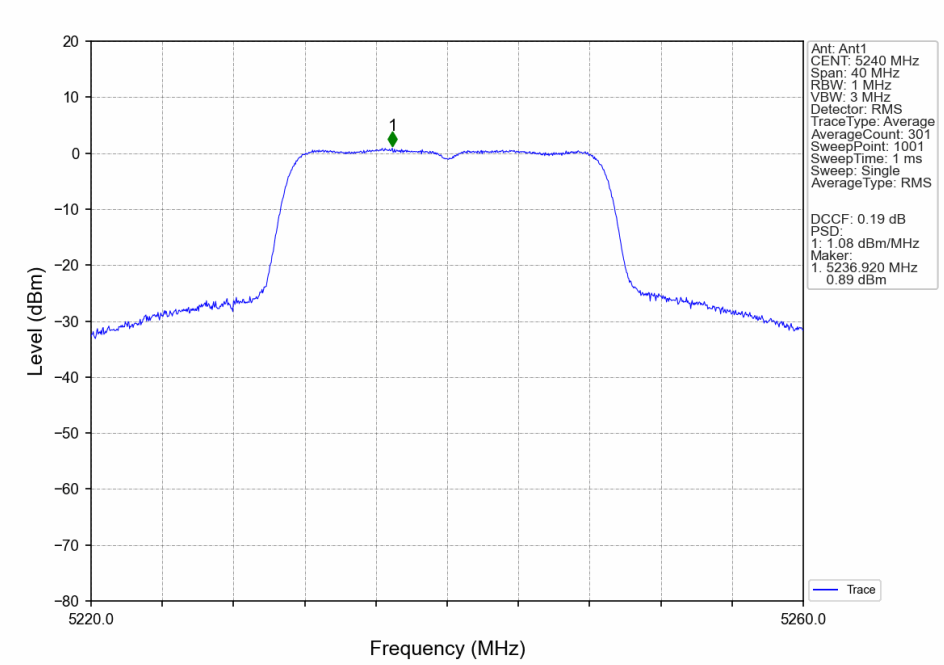
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



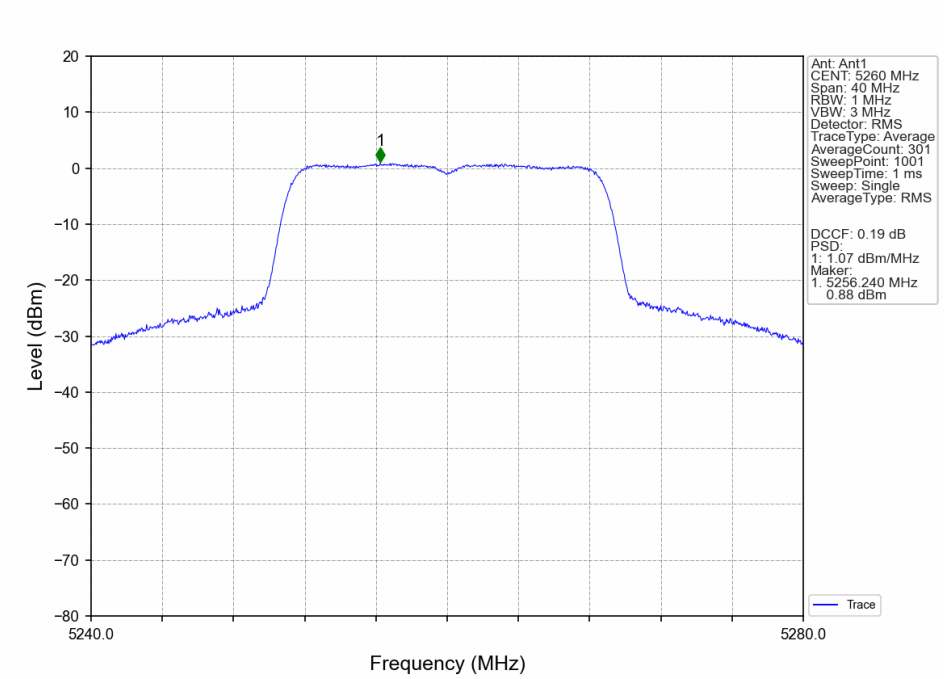
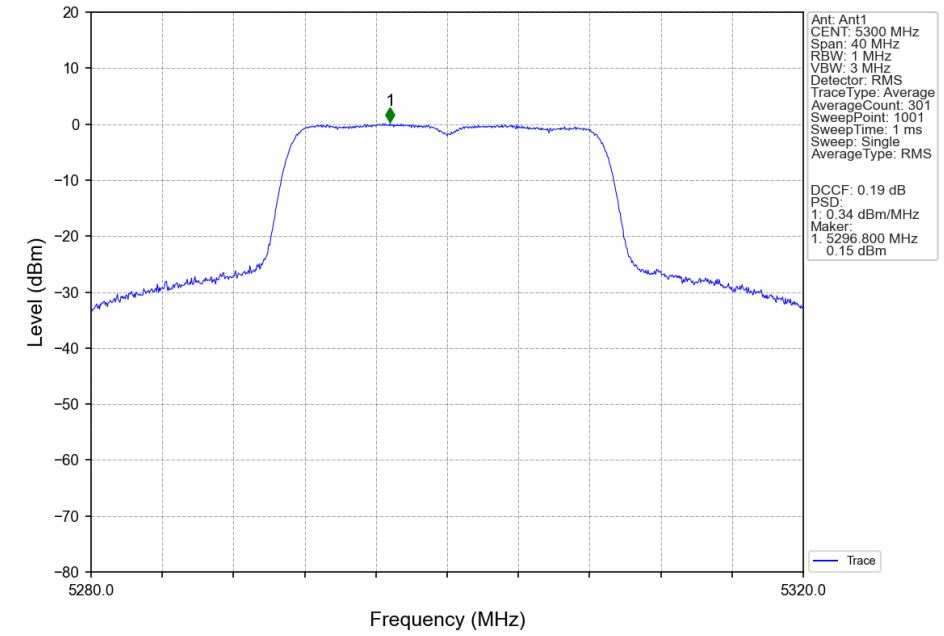
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV