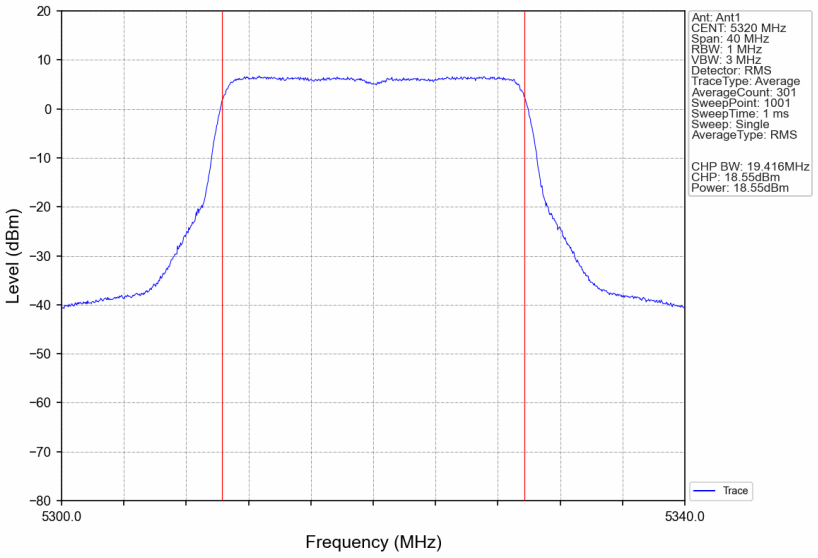
802.11be(EHT20)_HCH_5320MHz_SU_ / _Ant1_NTNV



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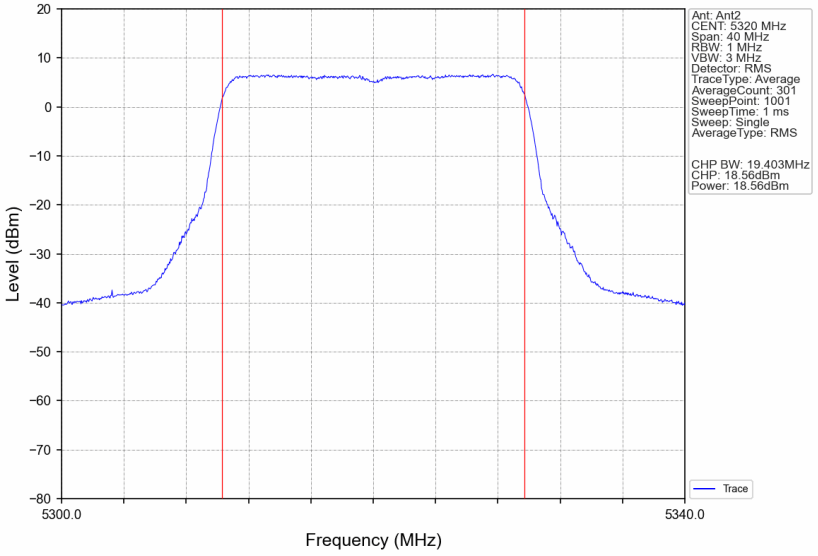

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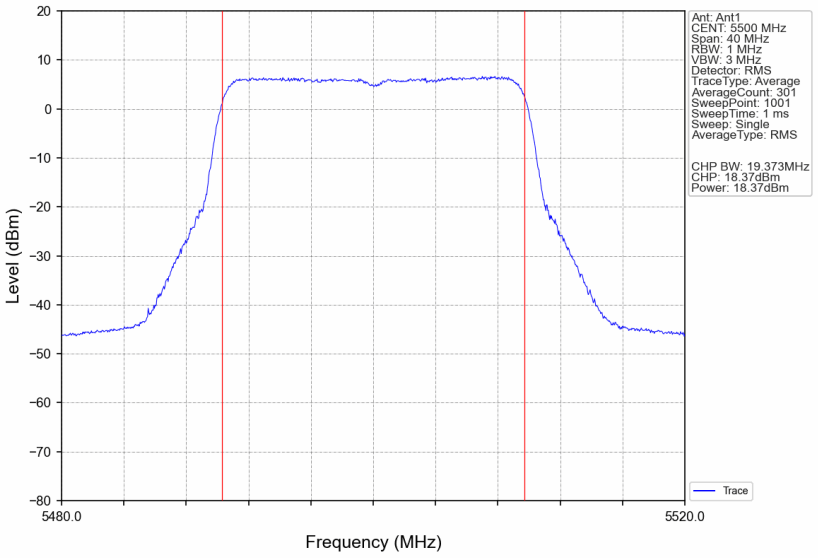

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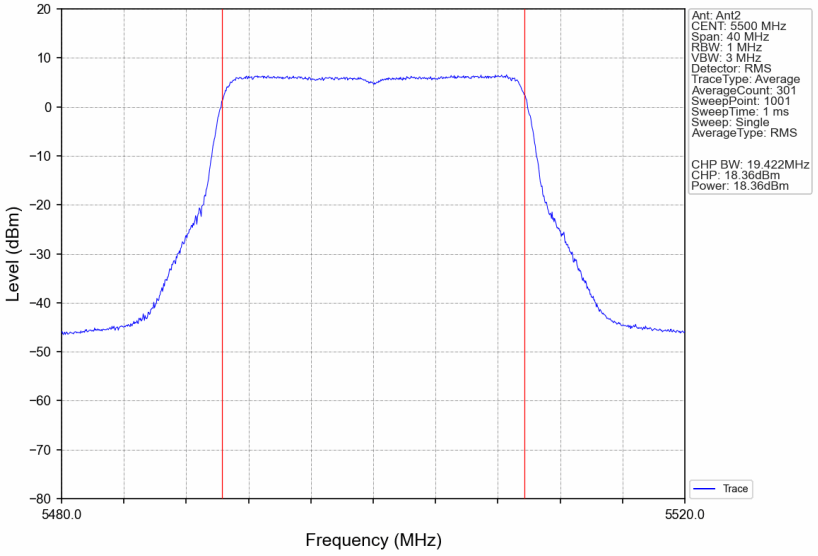

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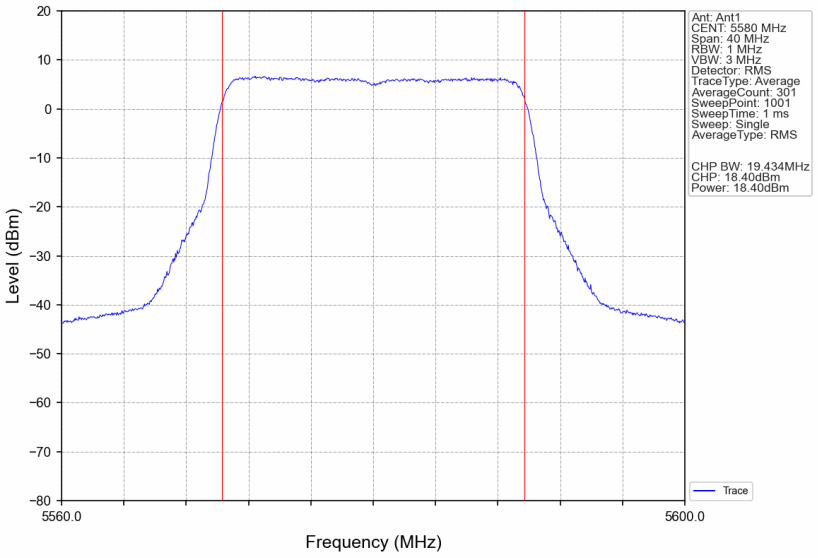

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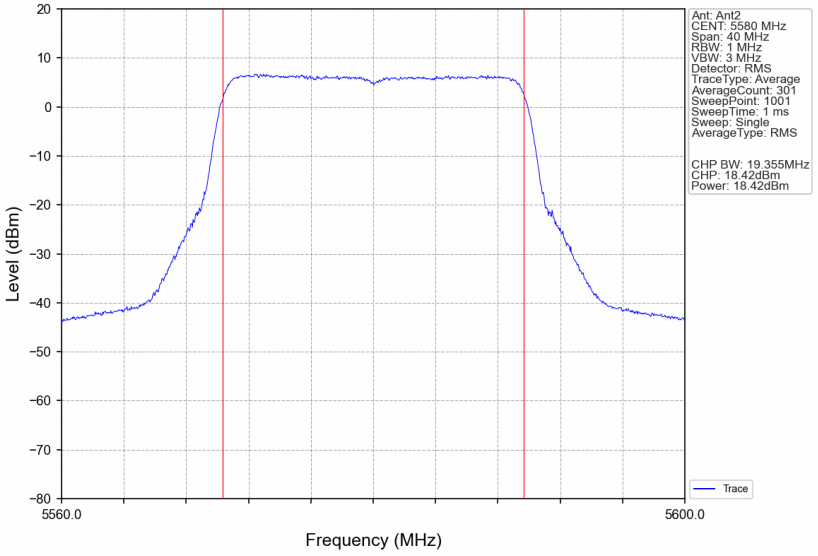

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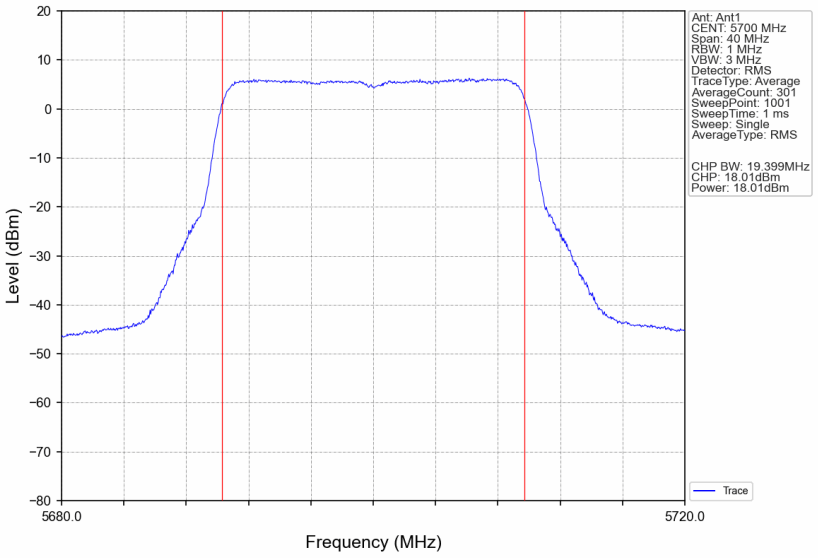

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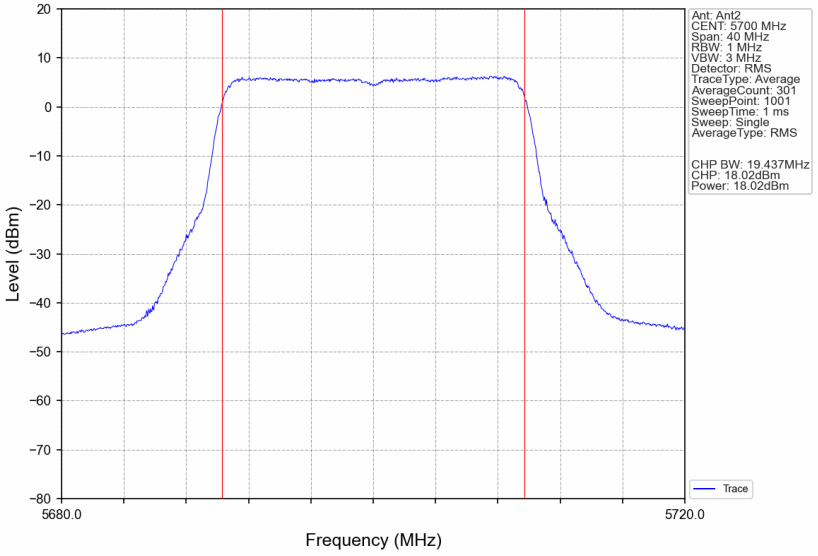

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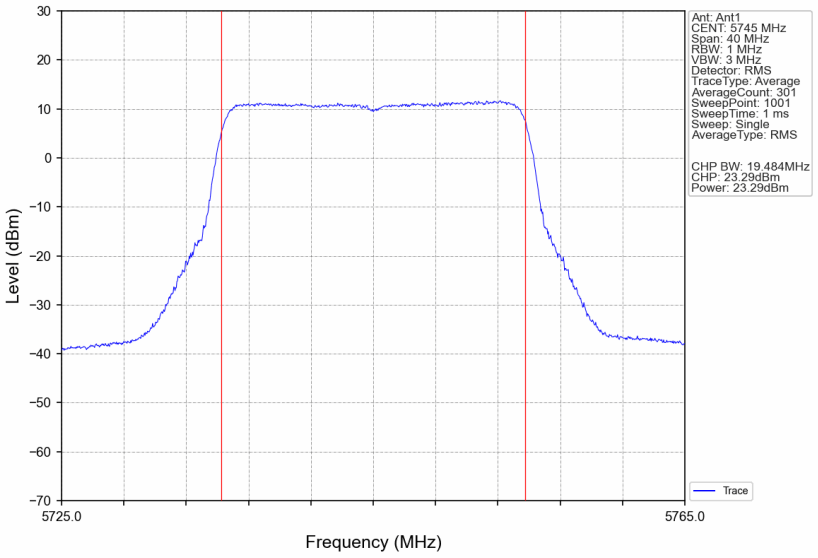

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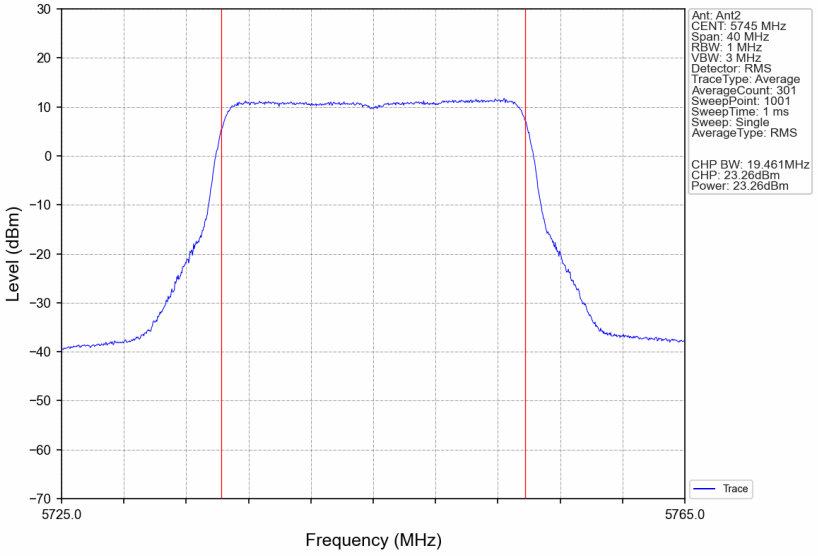

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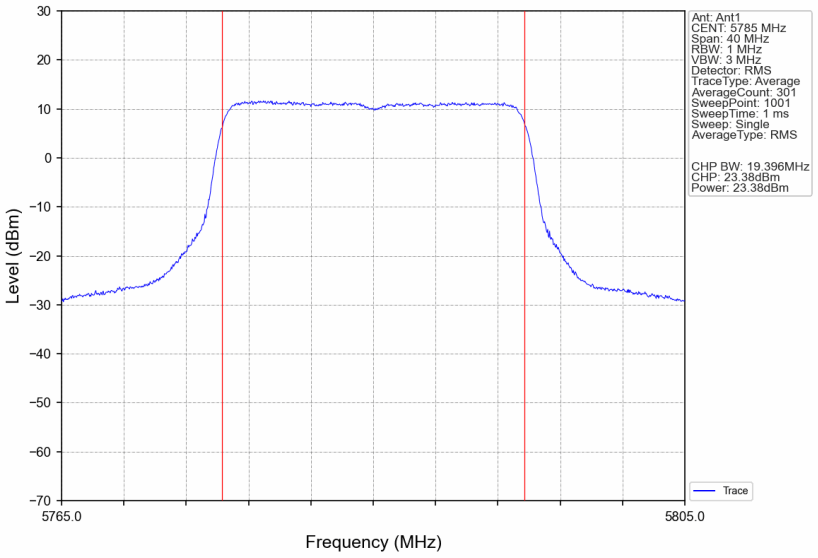

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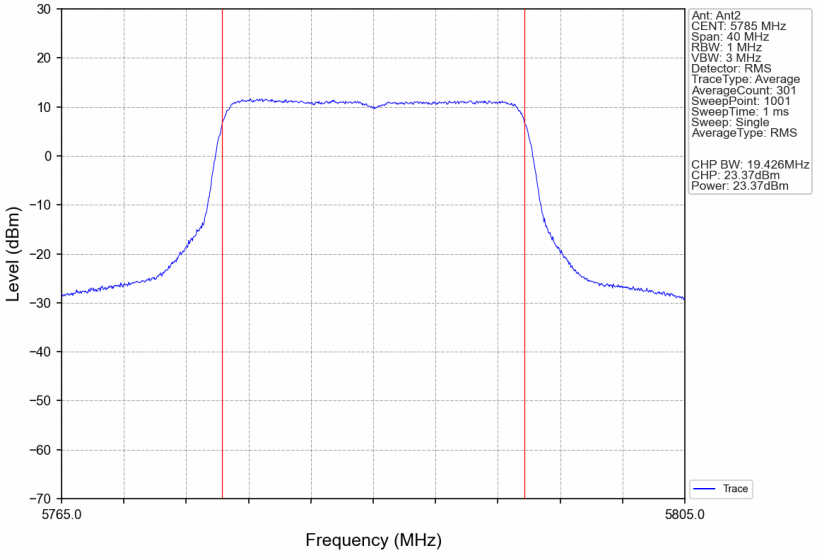

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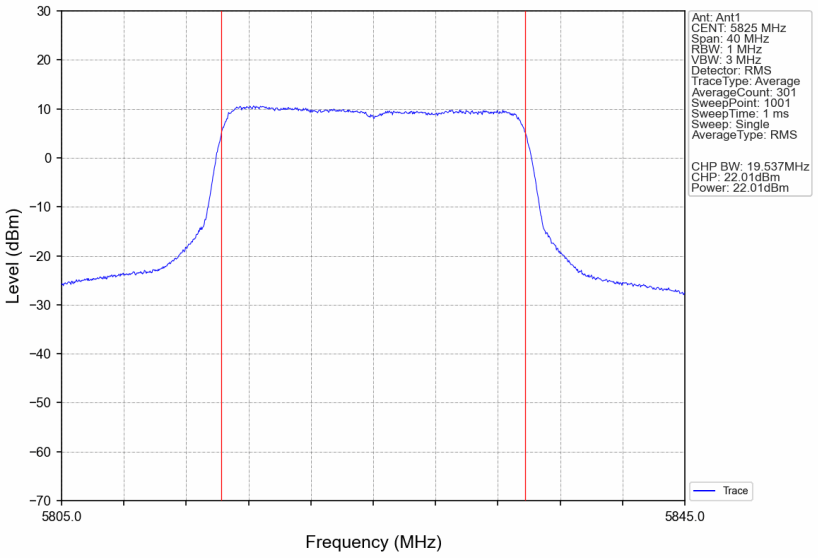

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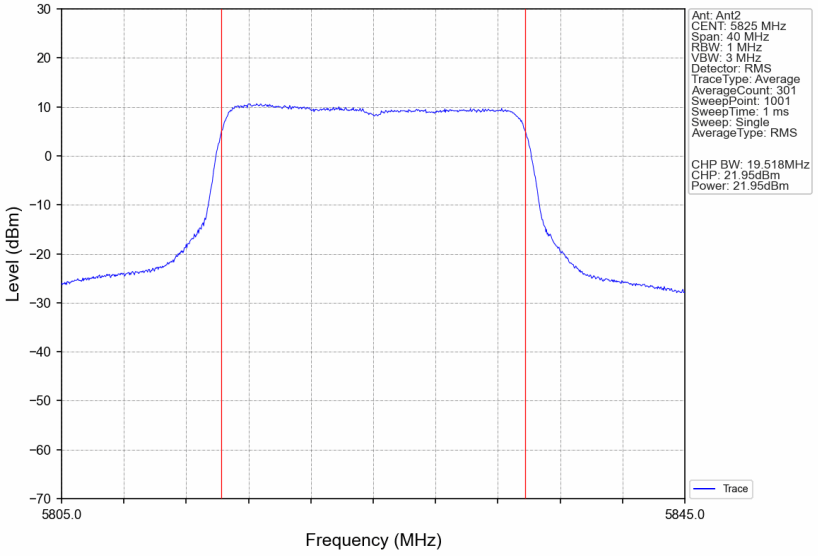

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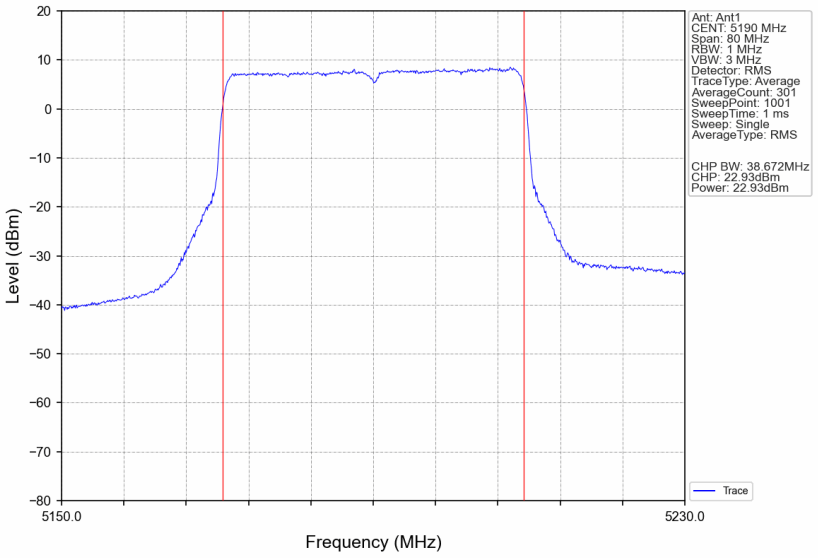

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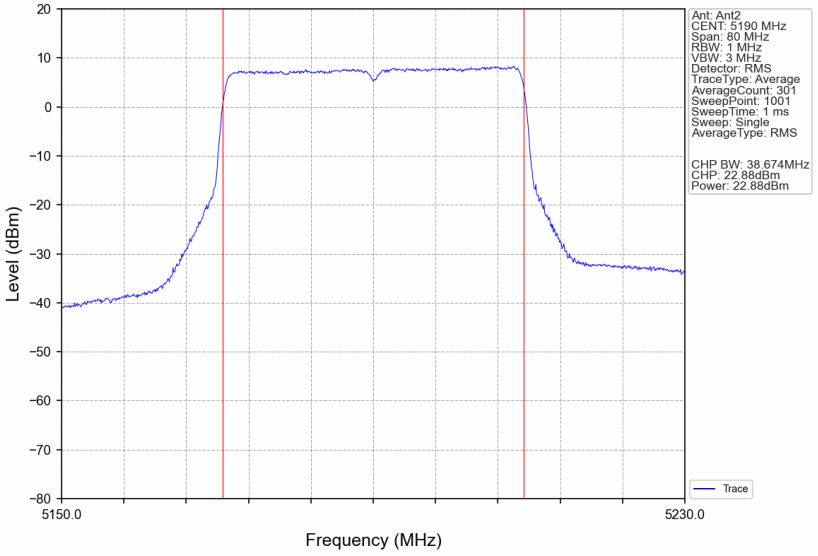

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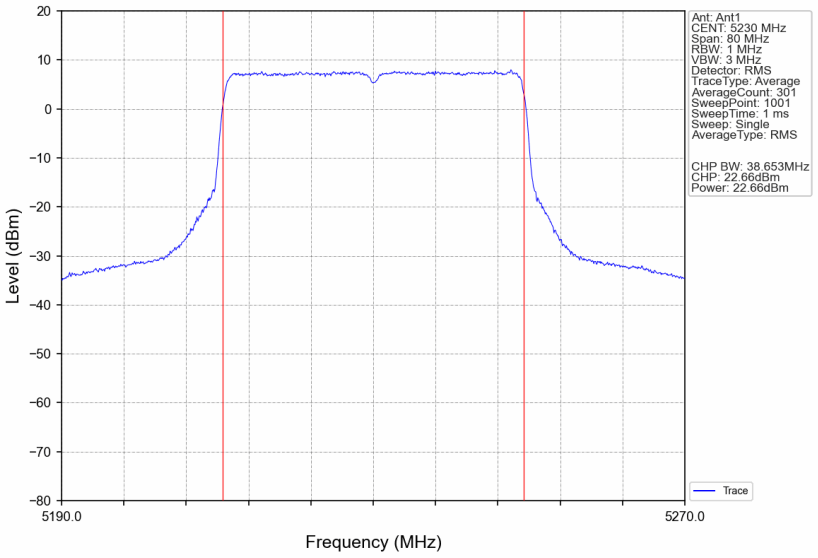

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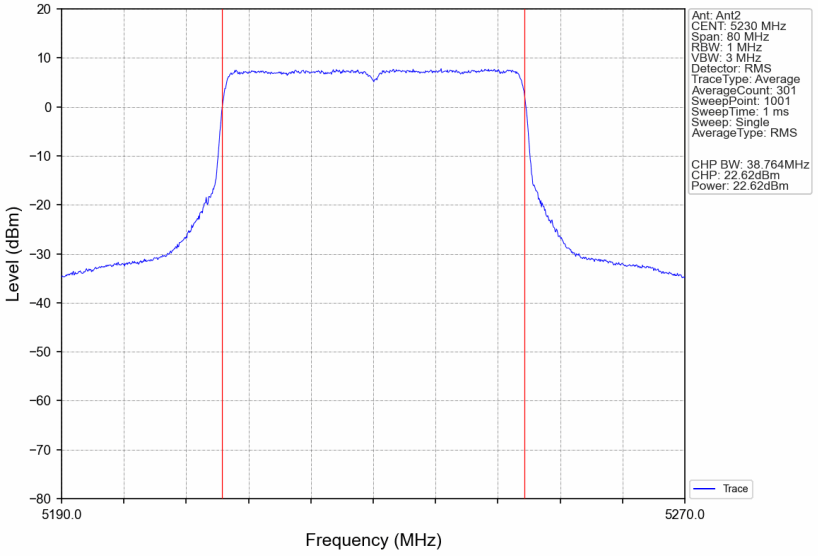

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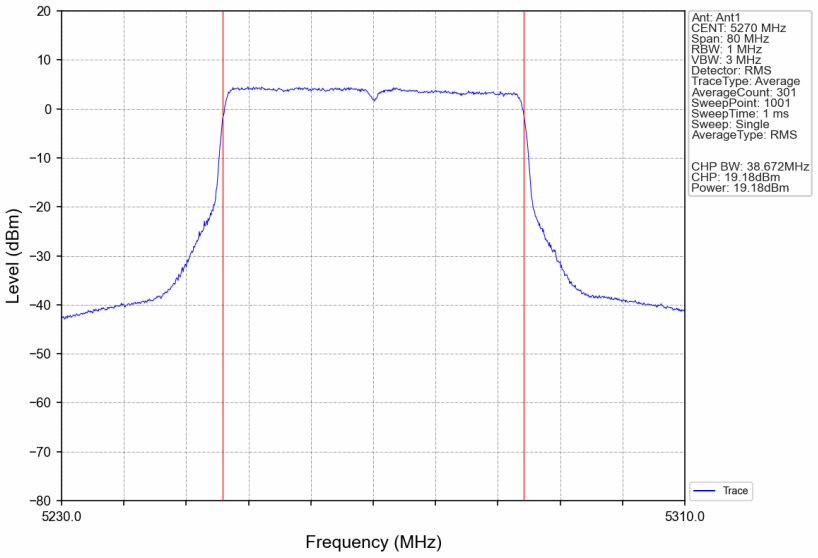

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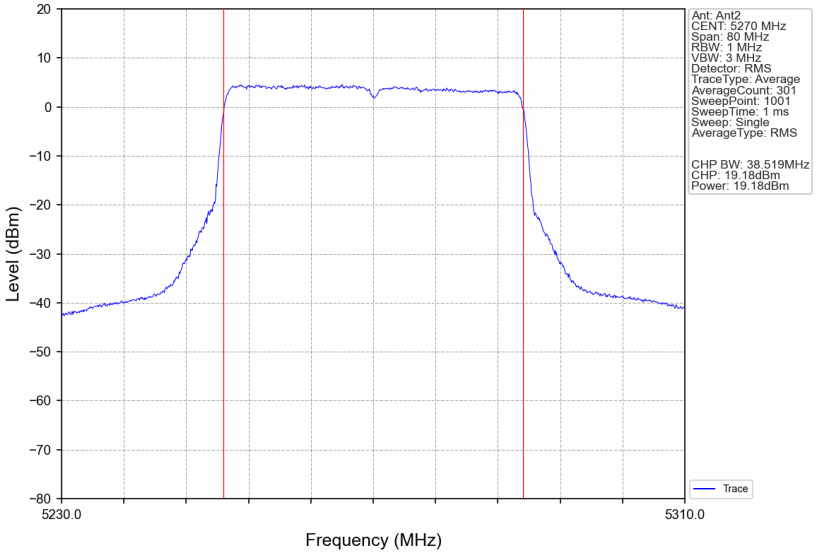

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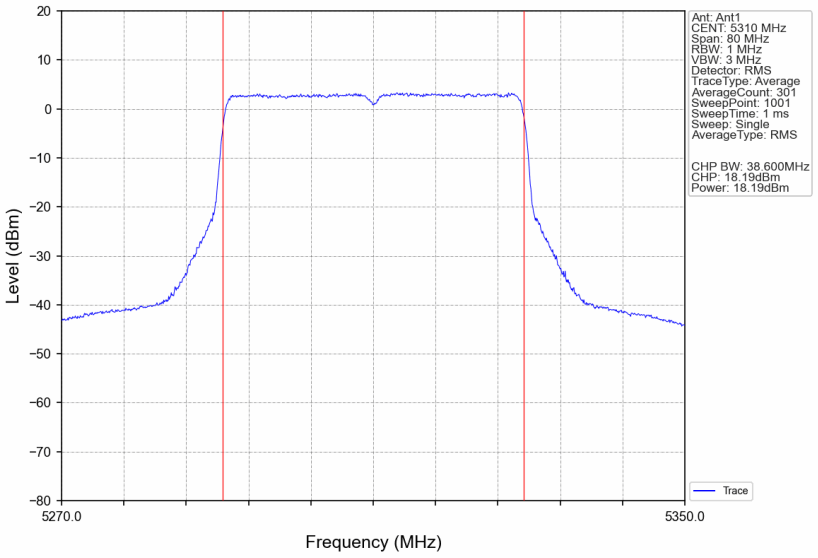

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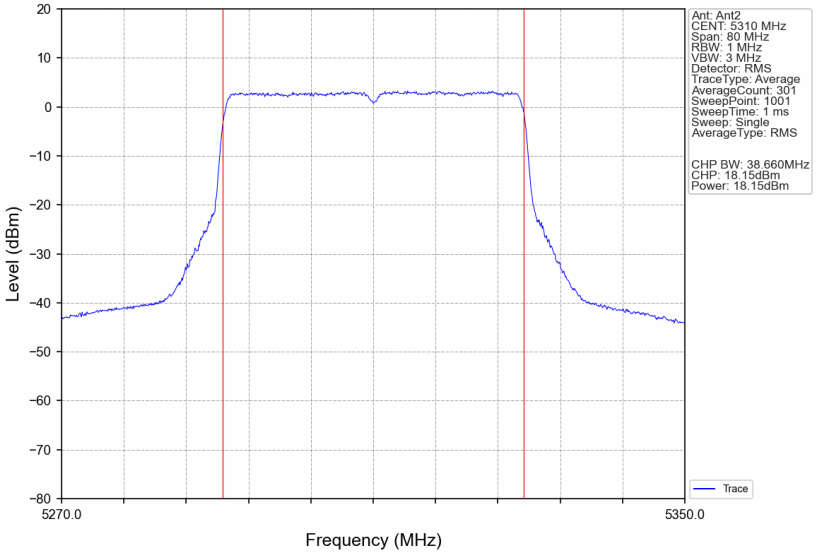

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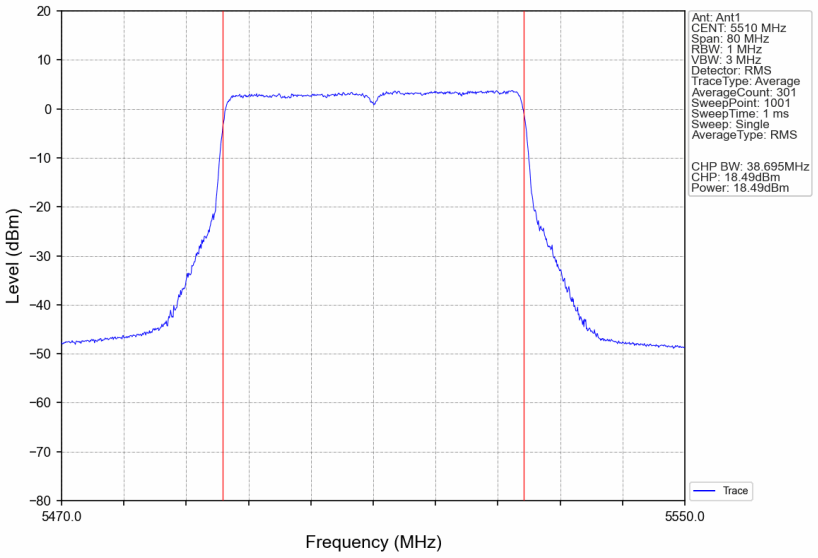

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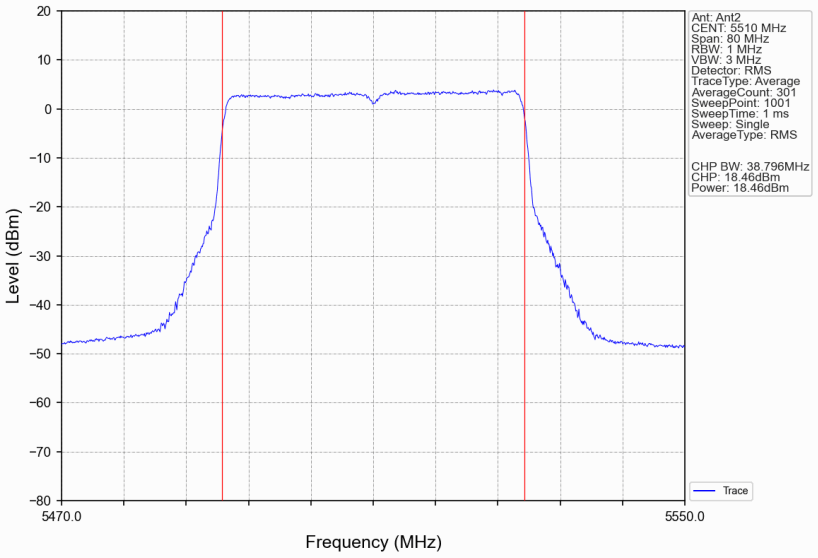

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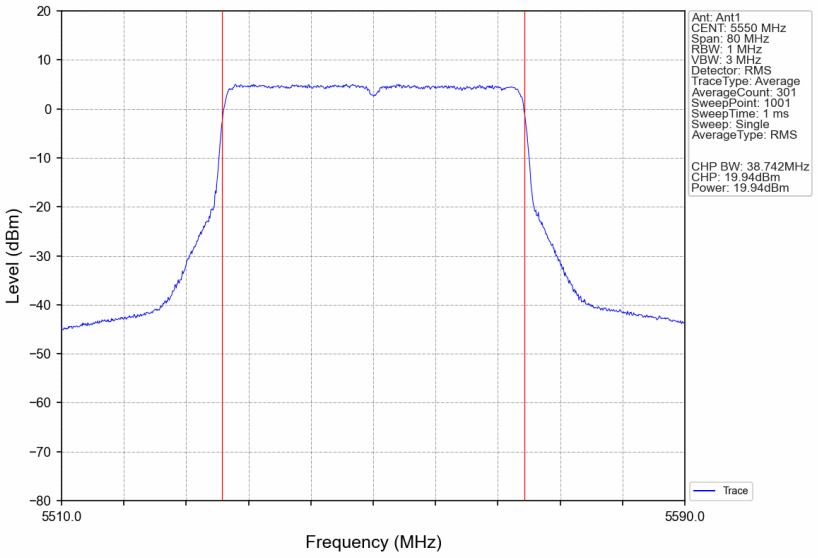

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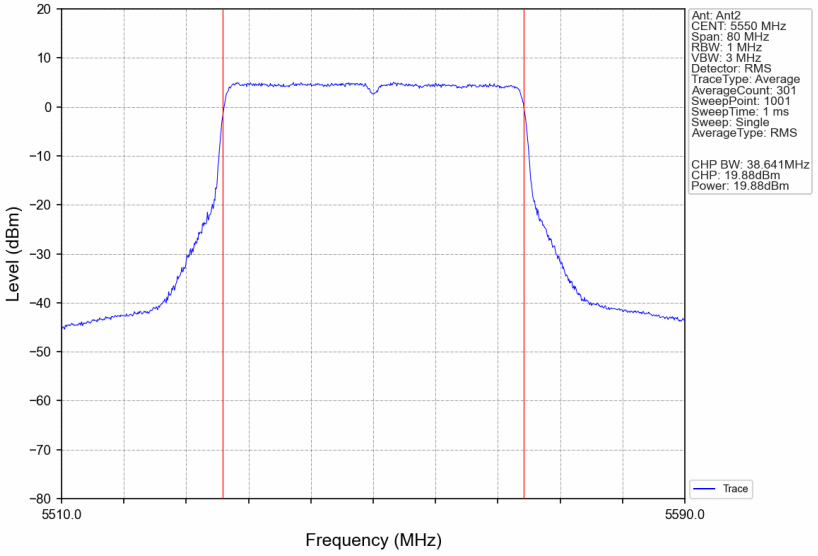

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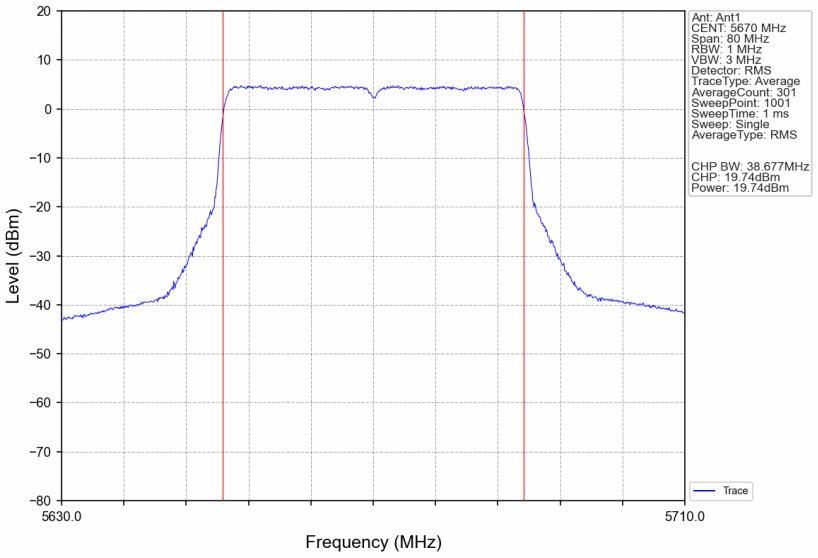

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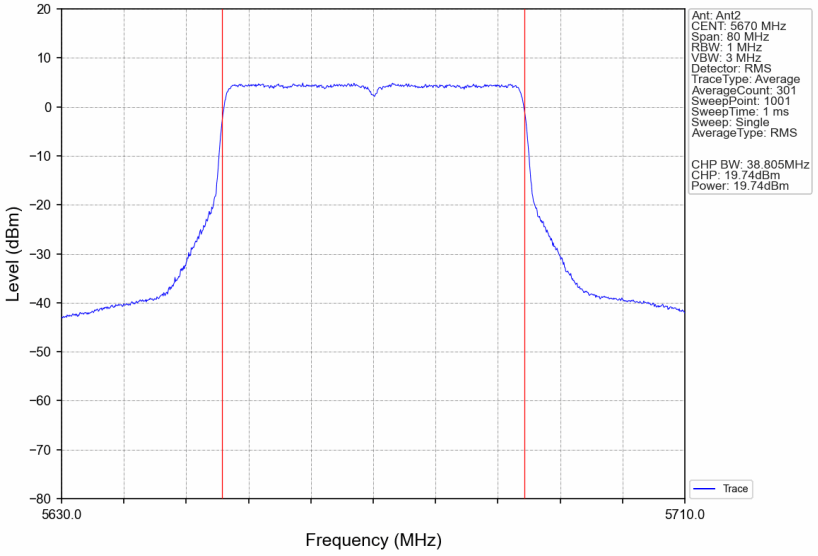

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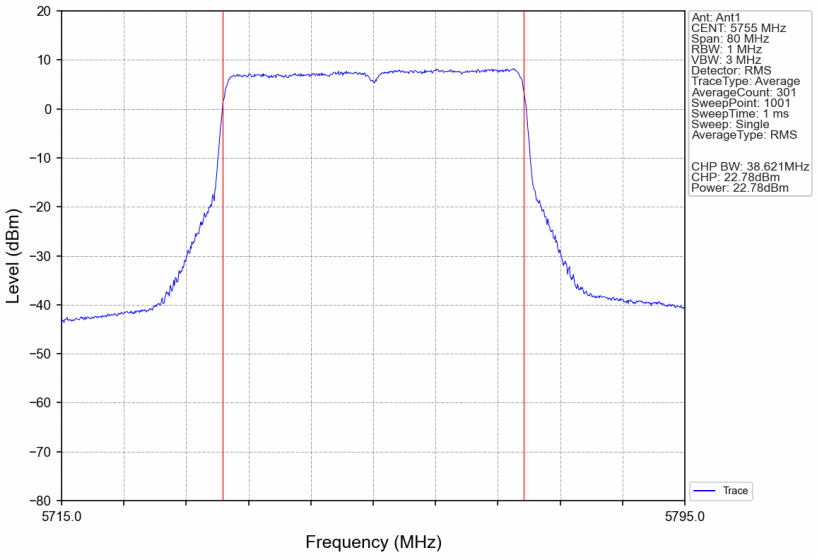

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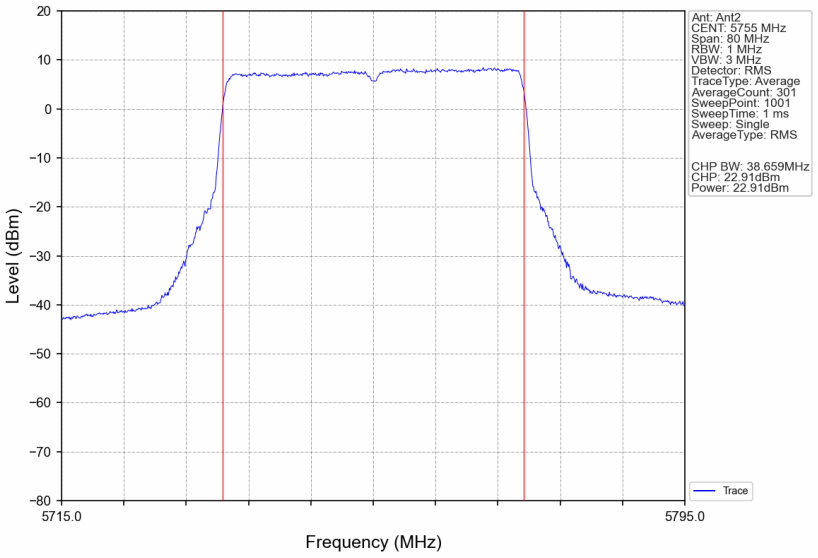

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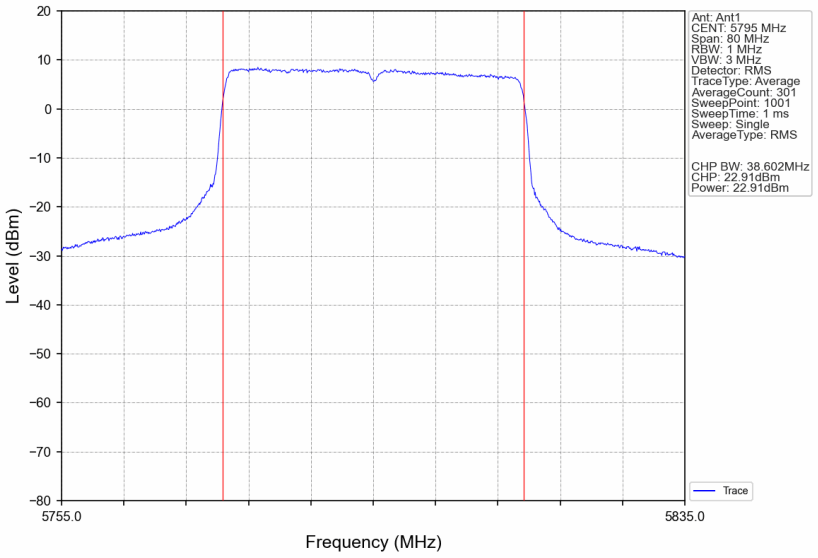

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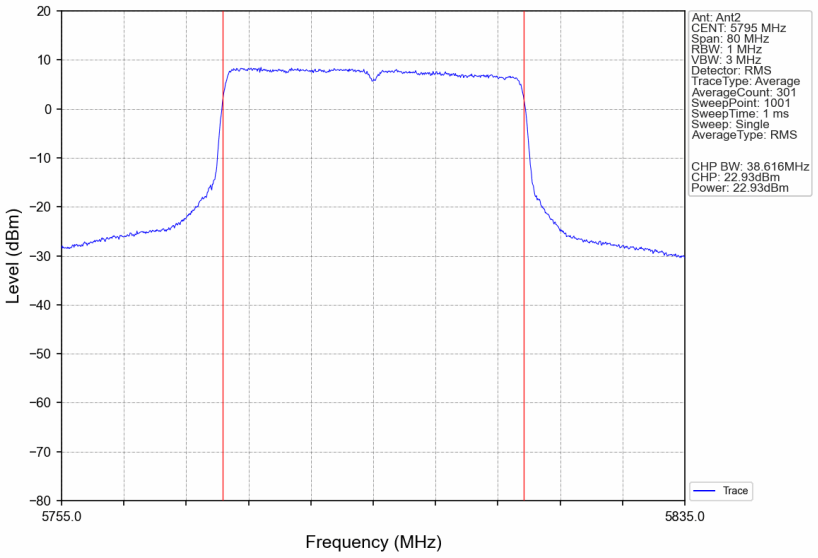
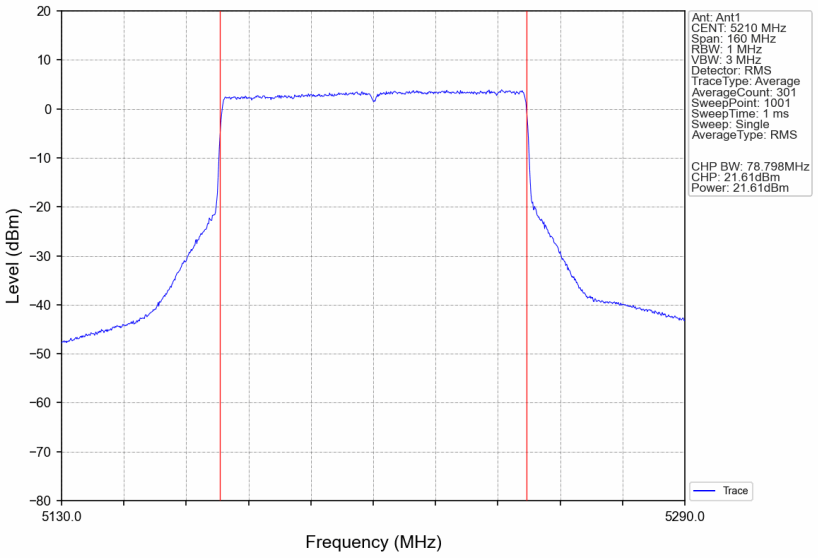


802.11be(EHT80)_MCH_5210MHz_SU_ / _Ant1_NTNV



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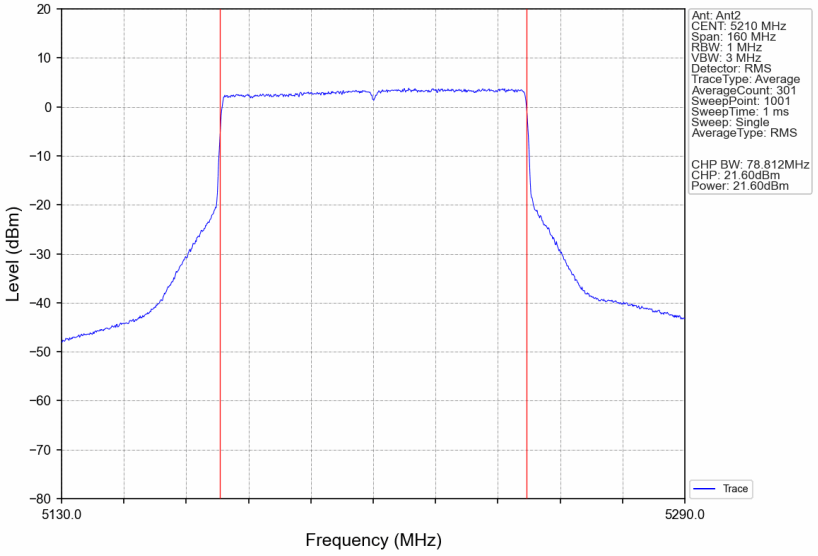

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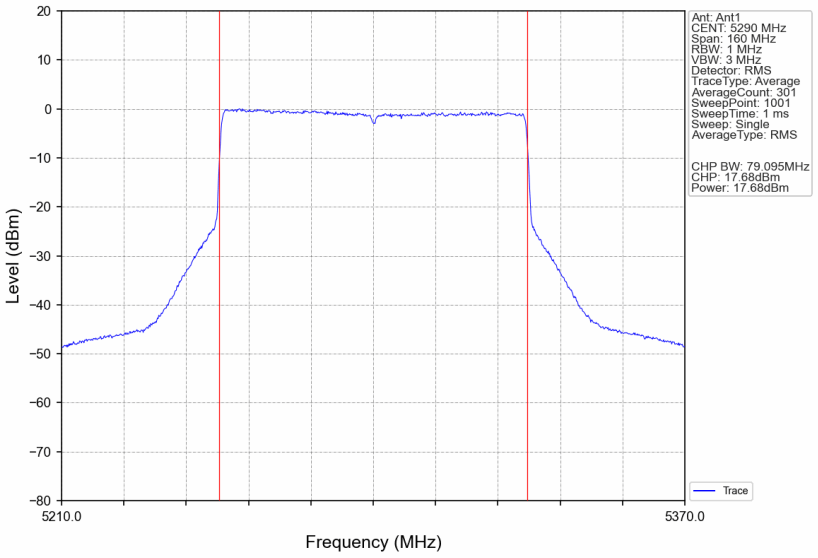

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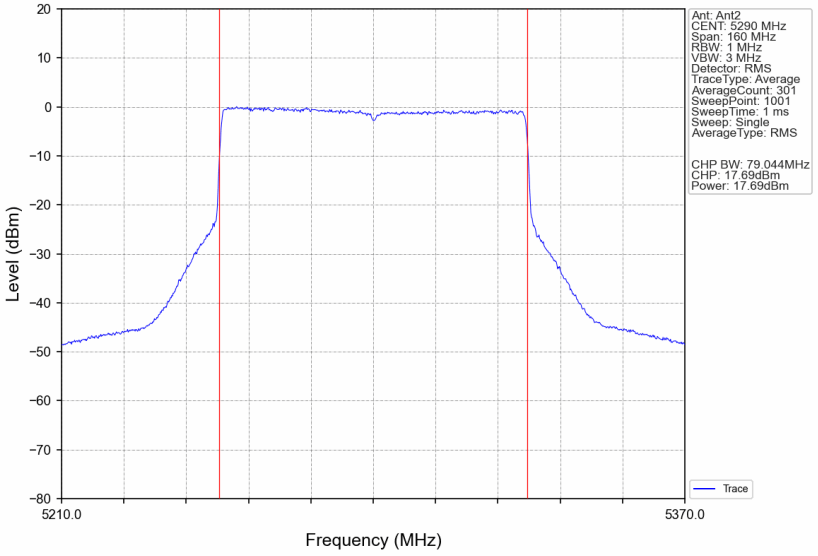

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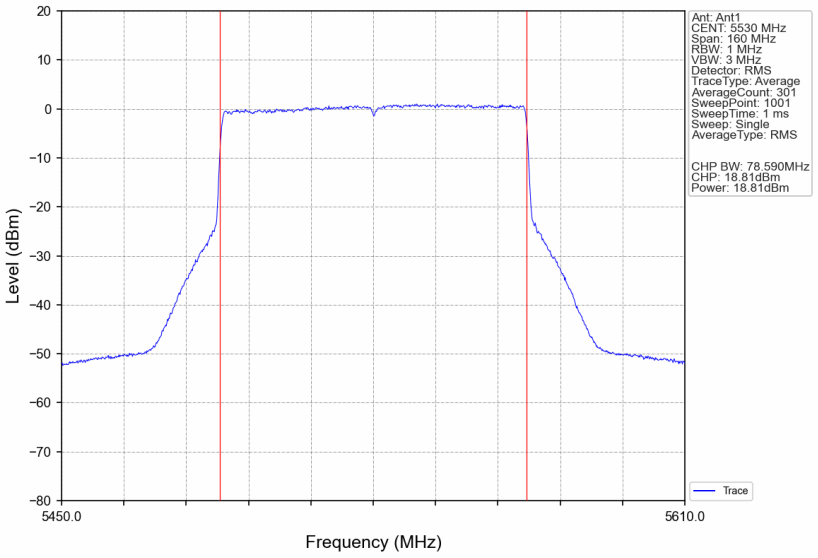

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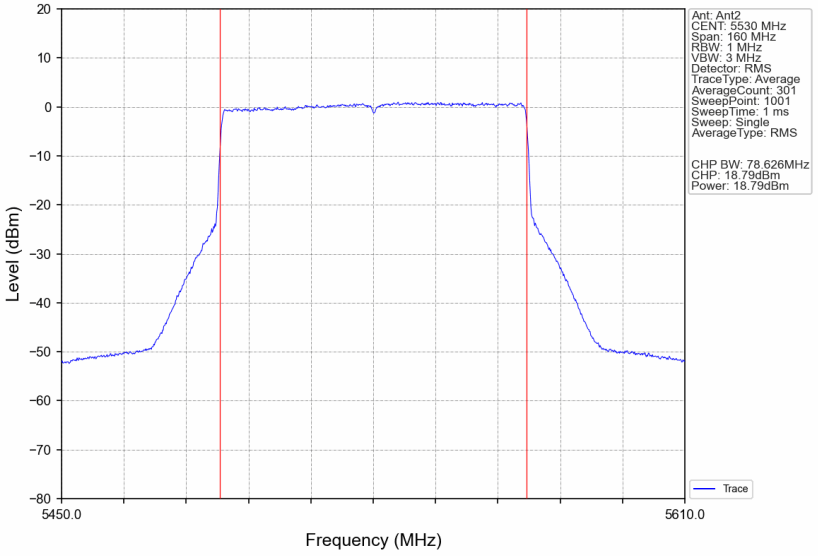

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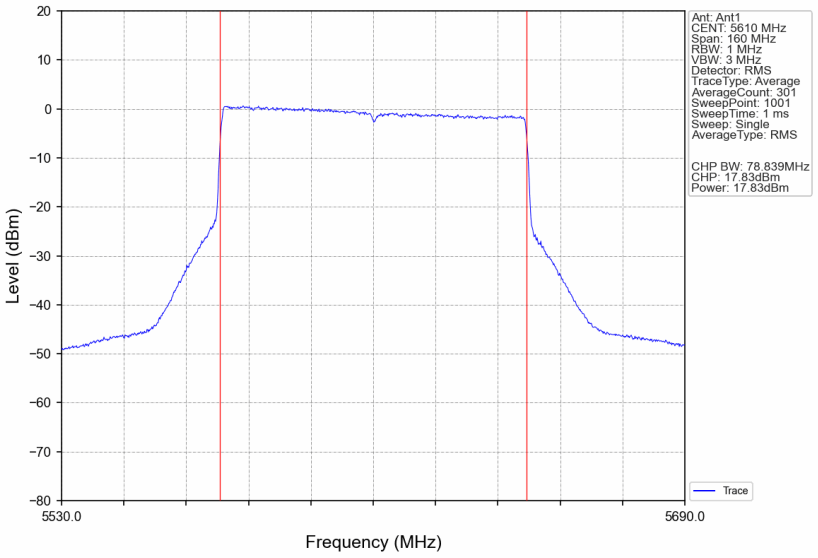

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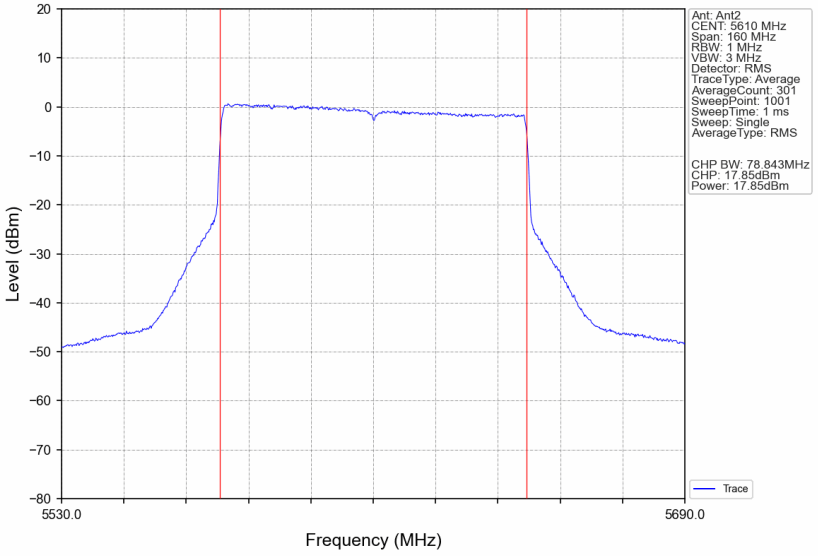

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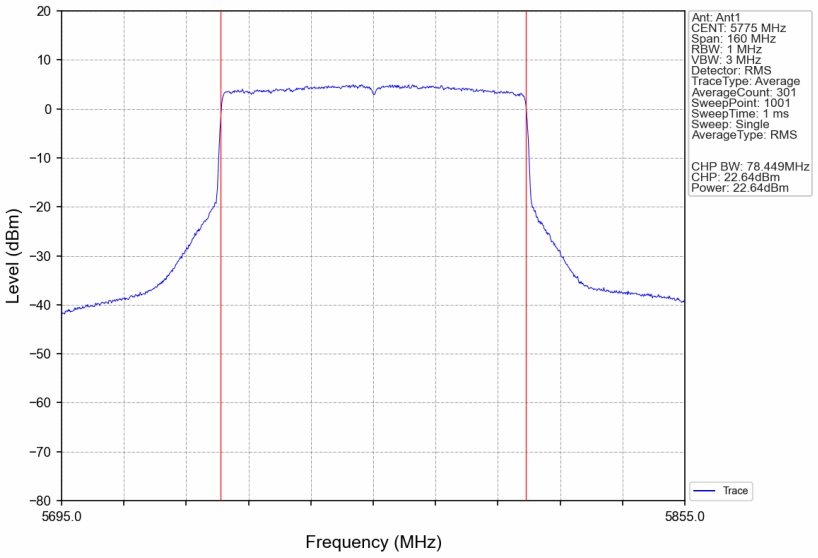

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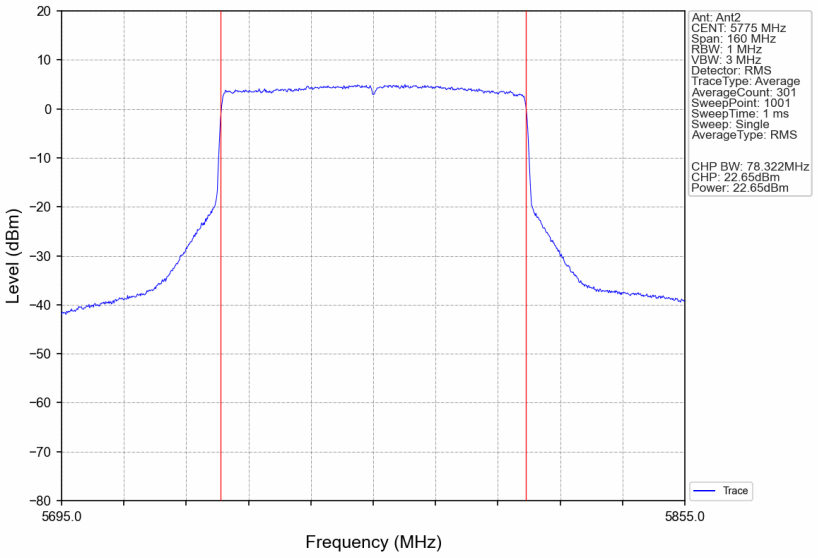

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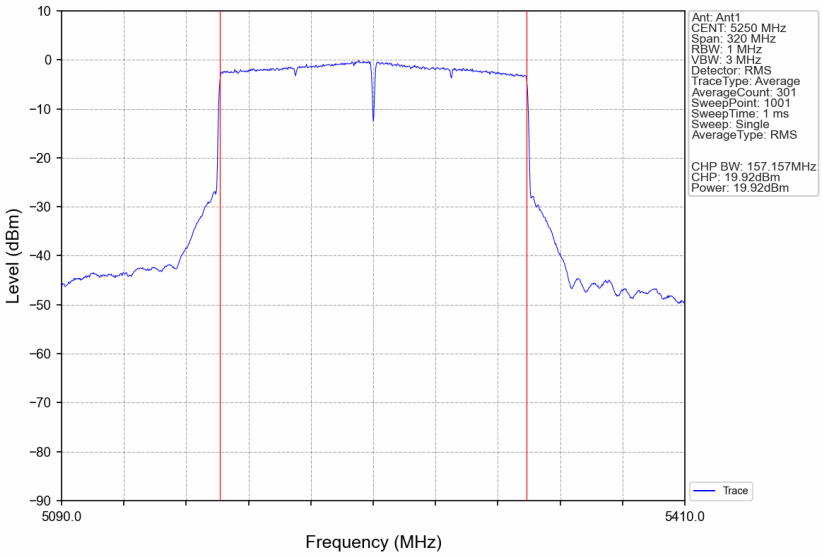

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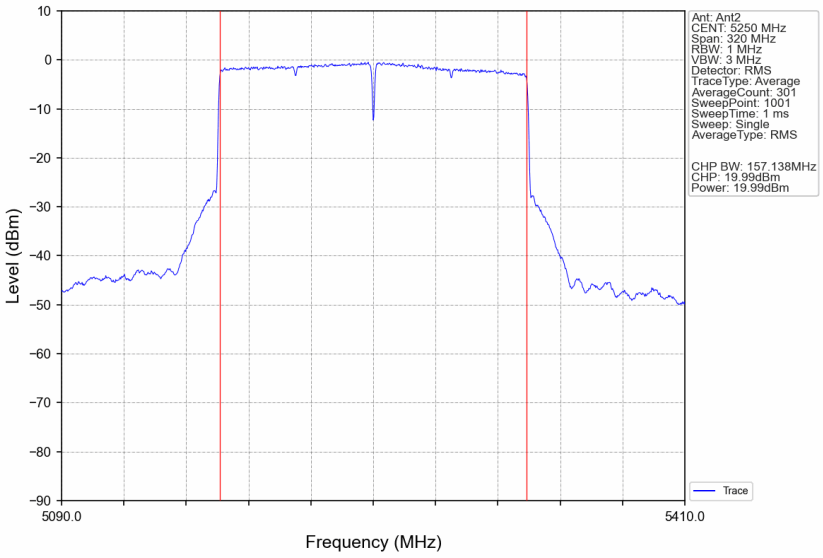

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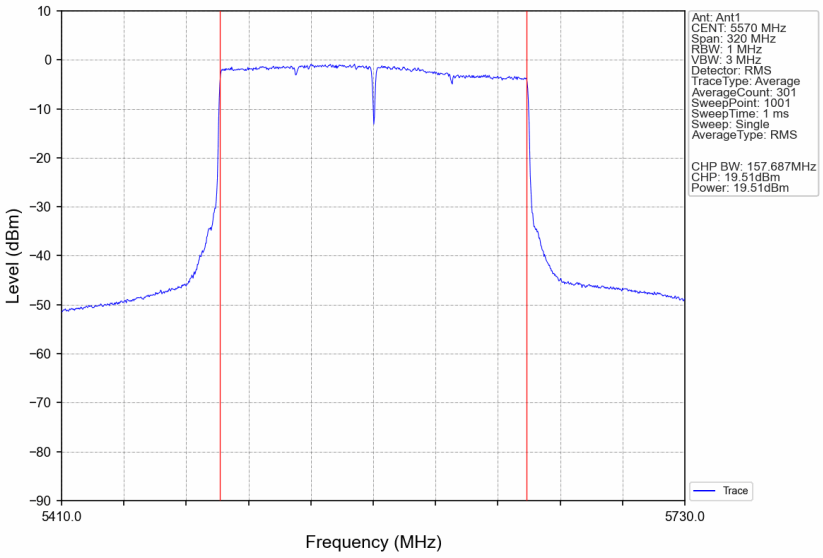

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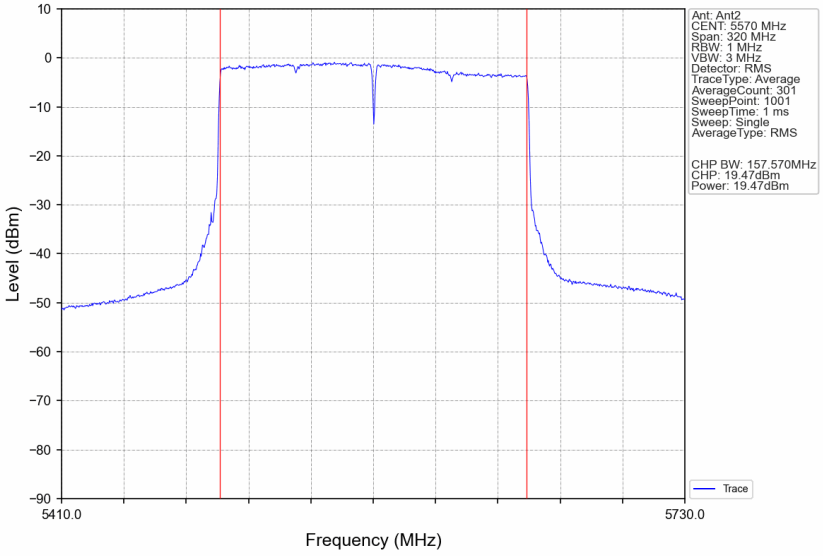


4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	8.80	9.05	/	<=16.34	Pass
		5200	/	/	9.38	9.55	/	<=16.34	Pass
		5240	/	/	10.12	9.38	/	<=16.34	Pass
		5260	/	/	8.35	7.24	/	<=10.34	Pass
		5300	/	/	7.32	8.58	/	<=10.34	Pass
		5320	/	/	7.29	7.67	/	<=10.34	Pass
		5500	/	/	7.75	9.24	/	<=10.34	Pass
		5580	/	/	9.25	8.72	/	<=10.34	Pass
		5700	/	/	7.70	9.02	/	<=10.34	Pass
802.11ac (VHT20)	MIMO	5180	/	/	12.15	11.98	14.99	<=16.34	Pass
		5200	/	/	12.72	12.51	15.59	<=16.34	Pass
		5240	/	/	10.52	8.14	12.40	<=16.34	Pass
		5260	/	/	6.11	6.05	9.05	<=10.34	Pass
		5300	/	/	6.64	6.60	9.43	<=10.34	Pass
		5320	/	/	6.80	6.93	9.81	<=10.34	Pass
		5500	/	/	6.01	6.05	8.93	<=10.34	Pass
		5580	/	/	6.63	6.78	9.67	<=10.34	Pass
		5700	/	/	6.21	6.16	9.07	<=10.34	Pass
802.11ac (VHT40)	MIMO	5190	/	/	9.19	8.92	12.04	<=16.34	Pass
		5230	/	/	9.57	9.61	12.55	<=16.34	Pass
		5270	/	/	5.63	5.48	8.52	<=10.34	Pass
		5310	/	/	-0.06	-0.44	2.62	<=10.34	Pass
		5510	/	/	5.57	5.54	8.57	<=10.34	Pass
		5550	/	/	5.05	5.14	8.07	<=10.34	Pass
		5670	/	/	5.48	5.46	8.41	<=10.34	Pass
802.11ac (VHT80)	MIMO	5210	/	/	5.37	5.42	8.29	<=16.34	Pass
		5290	/	/	-0.35	-0.28	2.62	<=10.34	Pass
		5530	/	/	5.15	5.26	8.21	<=10.34	Pass
		5610	/	/	2.90	2.75	5.83	<=10.34	Pass
802.11ac (VHT160)	MIMO	5250	/	/	-0.43	-0.87	2.20	<=10.34	Pass
		5570	/	/	-0.89	-1.03	1.99	<=10.34	Pass
802.11be (EHT20)	MIMO	5180	SU	/	11.42	11.47	14.34	<=16.34	Pass
		5200	SU	/	11.26	11.38	14.24	<=16.34	Pass
		5240	SU	/	10.42	10.49	13.39	<=16.34	Pass
		5260	SU	/	6.48	6.60	9.48	<=10.34	Pass
		5300	SU	/	5.93	5.93	8.78	<=10.34	Pass
		5320	SU	/	6.68	6.67	9.56	<=10.34	Pass
		5500	SU	/	6.53	6.54	9.38	<=10.34	Pass
		5580	SU	/	6.57	6.66	9.54	<=10.34	Pass
		5700	SU	/	6.19	6.50	9.13	<=10.34	Pass
802.11be (EHT40)	MIMO	5190	SU	/	8.37	8.29	11.21	<=16.34	Pass
		5230	SU	/	7.81	7.70	10.77	<=16.34	Pass
		5270	SU	/	4.52	4.54	7.46	<=10.34	Pass
		5310	SU	/	3.26	3.29	6.18	<=10.34	Pass
		5510	SU	/	3.98	3.83	6.75	<=10.34	Pass
		5550	SU	/	5.07	5.07	8.01	<=10.34	Pass

		5670	SU	/	4.80	4.84	7.82	<=10.34	Pass
802.11be (EHT80)	MIMO	5210	SU	/	3.76	3.75	6.69	<=16.34	Pass
		5290	SU	/	0.12	0.08	3.03	<=10.34	Pass
		5530	SU	/	1.16	0.93	4.06	<=10.34	Pass
		5610	SU	/	0.72	0.73	3.62	<=10.34	Pass
802.11be (EHT160)	MIMO	5250	SU	/	-0.22	-0.56	2.51	<=10.34	Pass
		5570	SU	/	-0.79	-0.92	2.01	<=10.34	Pass
Note1: Antenna Gain: Ant1: 6.66dBi; Ant2: 6.66dBi; Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)									

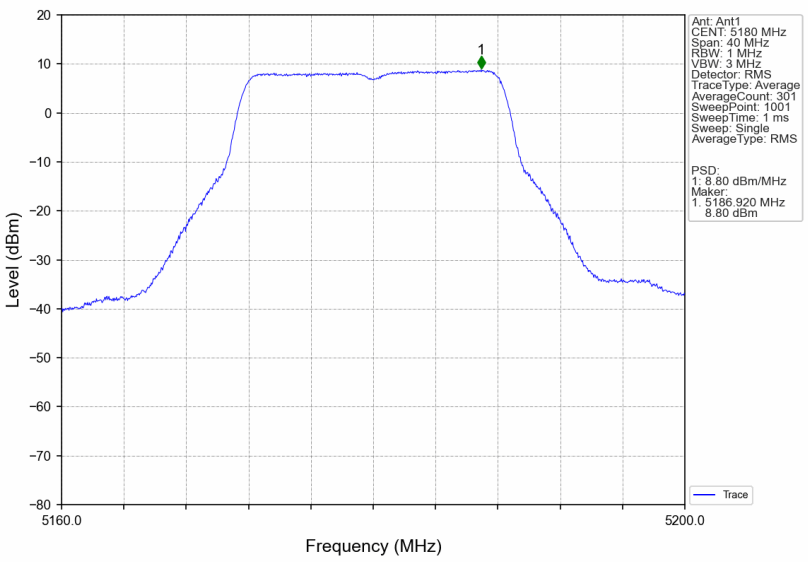
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	5.75	6.95	/	<=29.34	Pass
		5785	/	/	5.73	6.89	/	<=29.34	Pass
		5825	/	/	4.19	4.55	/	<=29.34	Pass
802.11ac (VHT20)	MIMO	5745	/	/	10.02	10.22	12.99	<=29.34	Pass
		5785	/	/	10.94	10.85	13.87	<=29.34	Pass
		5825	/	/	8.10	8.23	11.15	<=29.34	Pass
802.11ac (VHT40)	MIMO	5755	/	/	7.73	7.58	10.66	<=29.34	Pass
		5795	/	/	6.55	6.83	9.70	<=29.34	Pass
802.11ac (VHT80)	MIMO	5775	/	/	4.45	4.23	7.35	<=29.34	Pass
802.11be (EHT20)	MIMO	5745	SU	/	8.68	8.73	11.60	<=29.34	Pass
		5785	SU	/	8.86	8.96	11.80	<=29.34	Pass
		5825	SU	/	7.96	7.73	10.83	<=29.34	Pass
802.11be (EHT40)	MIMO	5755	SU	/	5.55	5.48	8.44	<=29.34	Pass
		5795	SU	/	5.47	5.40	8.32	<=29.34	Pass
802.11be (EHT80)	MIMO	5775	SU	/	1.90	1.79	4.72	<=29.34	Pass
Note1: Antenna Gain: Ant1: 6.66dBi; Ant2: 6.66dBi;									

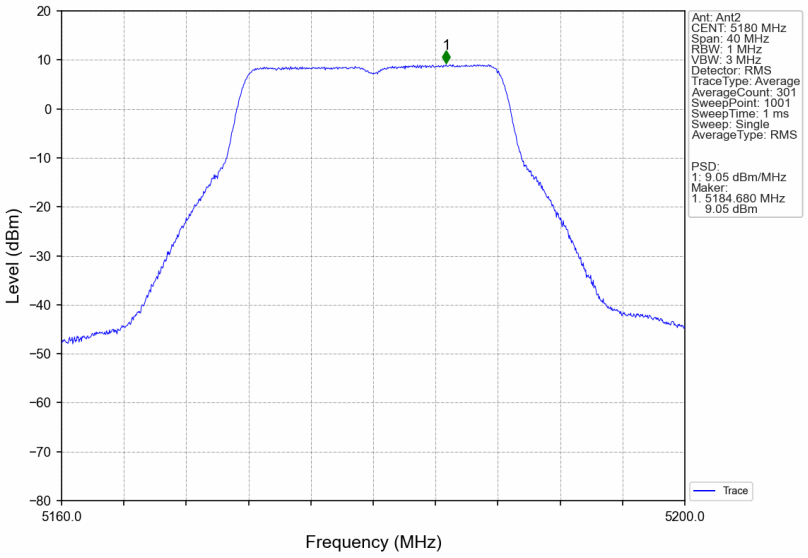
4.2 Test Graph

4.2.1 PSD

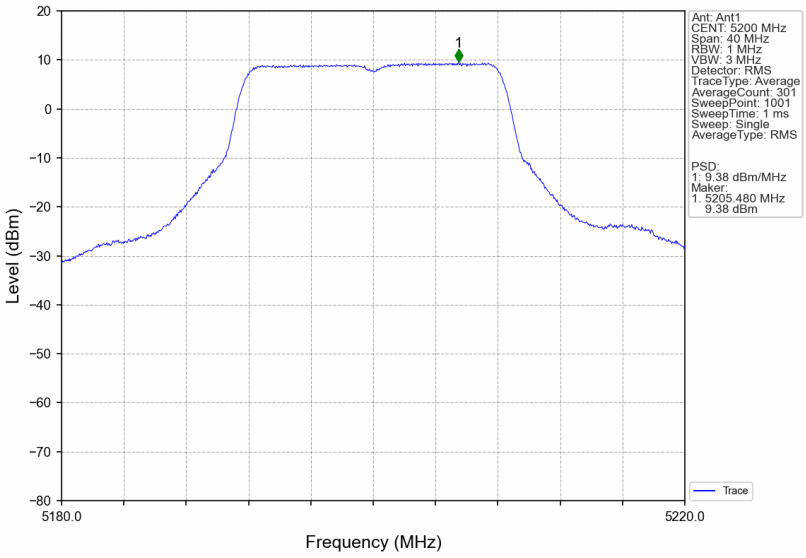
802.11a_LCH_5180MHz_Ant1_NTNV



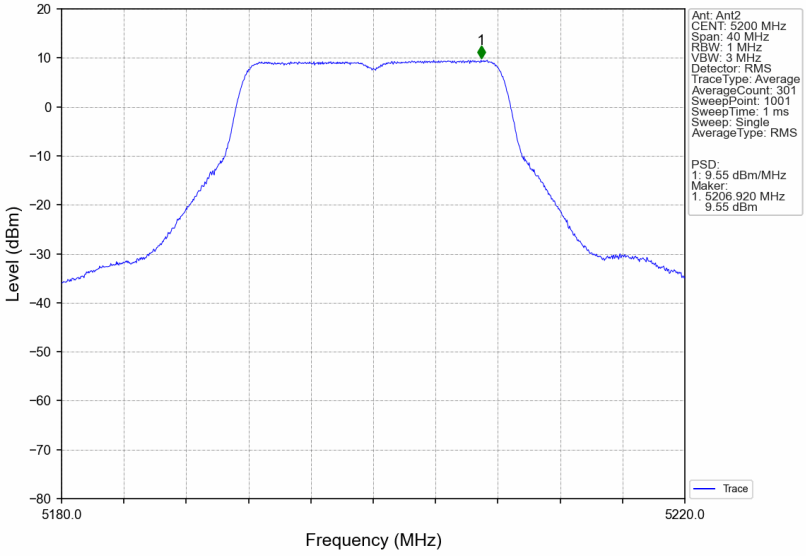
802.11a_LCH_5180MHz_Ant2_NTNV



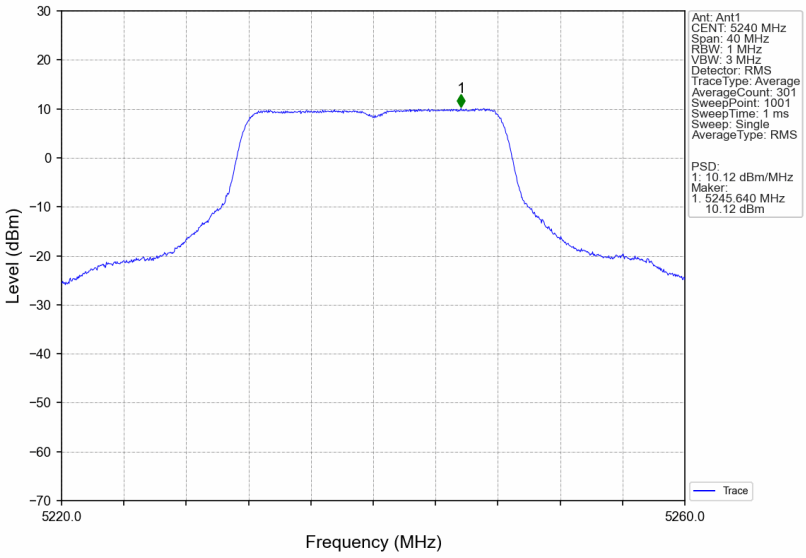
802.11a_MCH_5200MHz_Ant1_NTNV



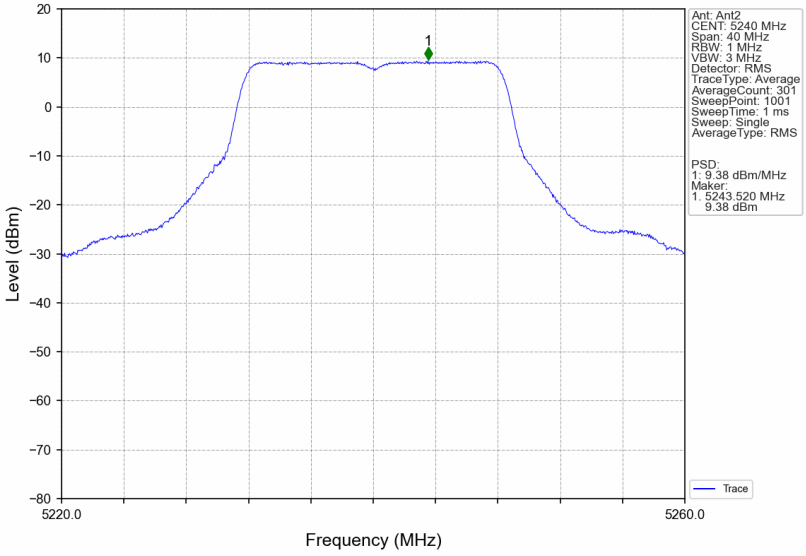
802.11a_MCH_5200MHz_Ant2_NTNV



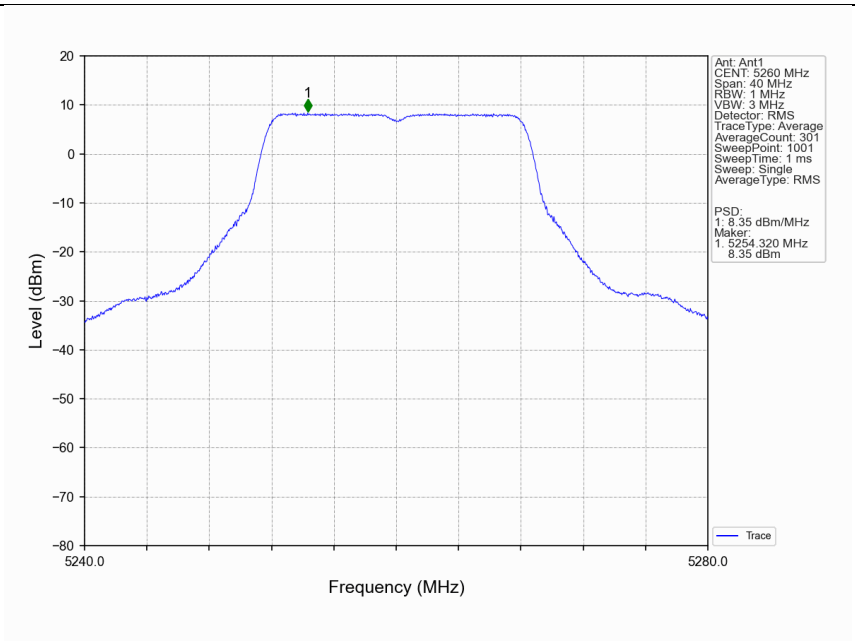
802.11a_HCH_5240MHz_Ant1_NTNV



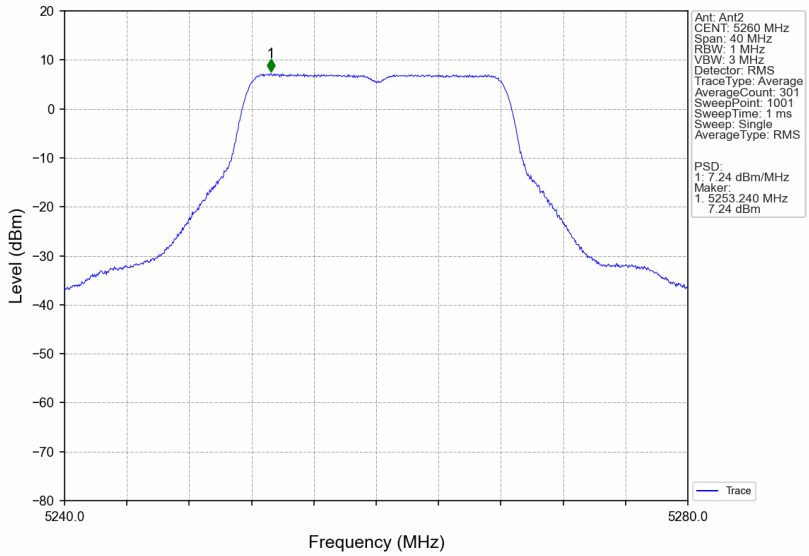
802.11a_HCH_5240MHz_Ant2_NTNV



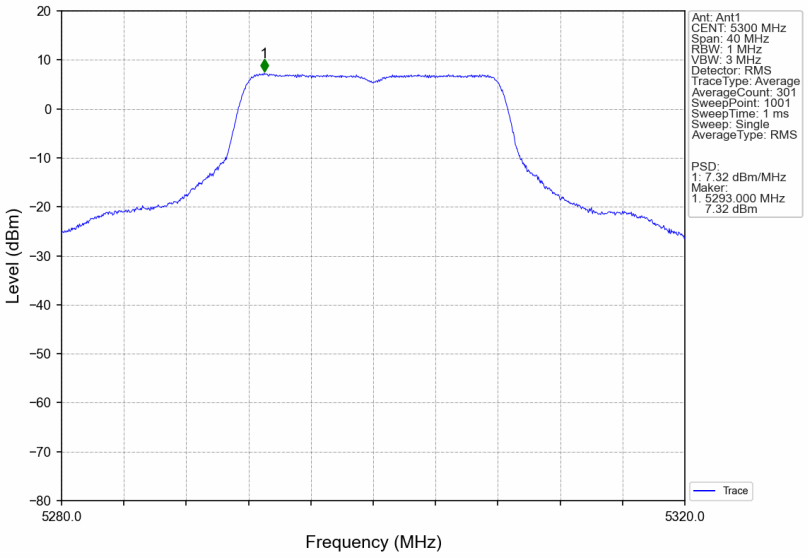
802.11a_LCH_5260MHz_Ant1_NTNV



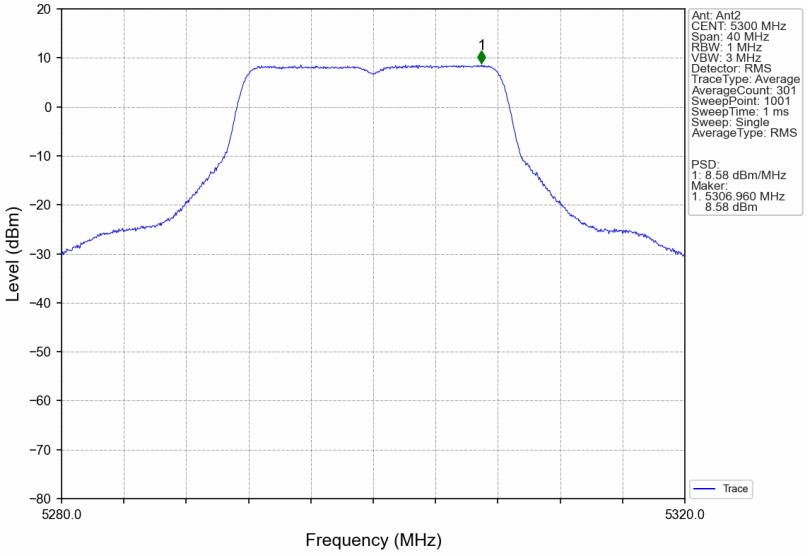
802.11a_LCH_5260MHz_Ant2_NTNV



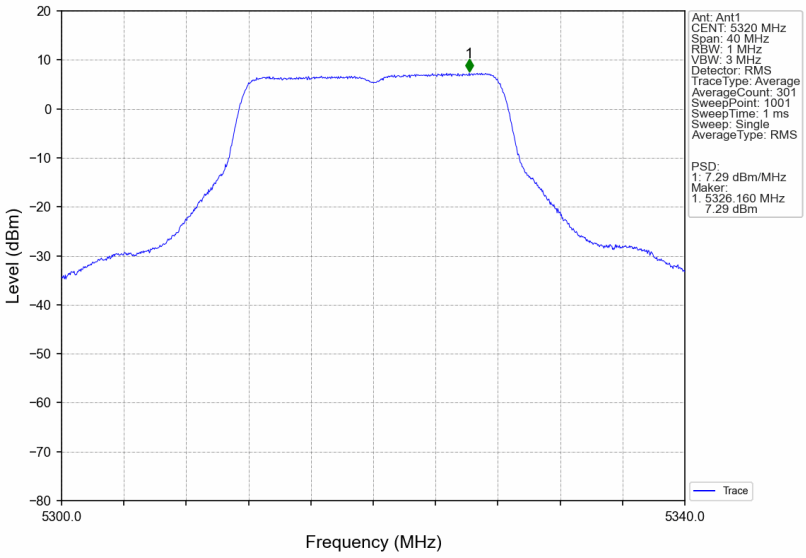
802.11a_MCH_5300MHz_Ant1_NTNV



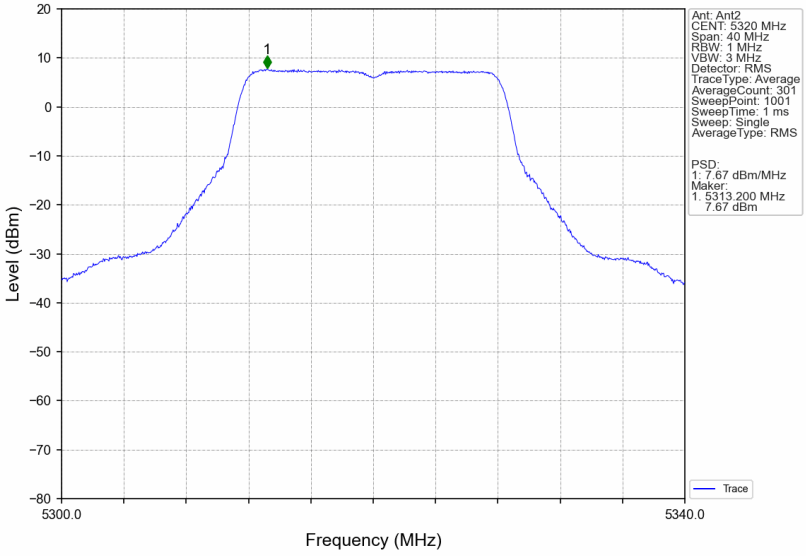
802.11a_MCH_5300MHz_Ant2_NTNV



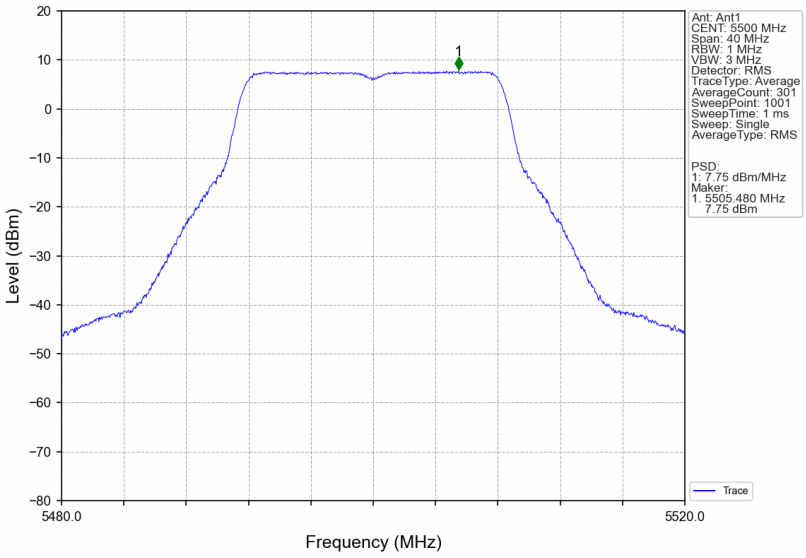
802.11a_HCH_5320MHz_Ant1_NTNV



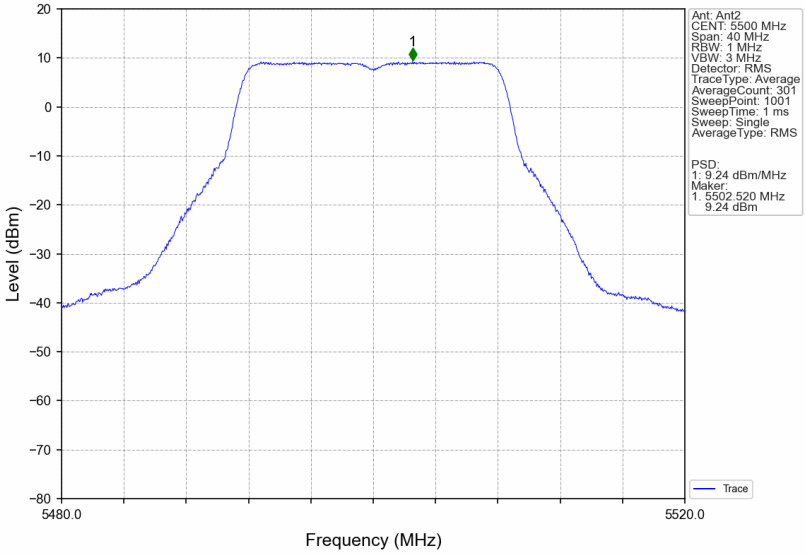
802.11a_HCH_5320MHz_Ant2_NTNV



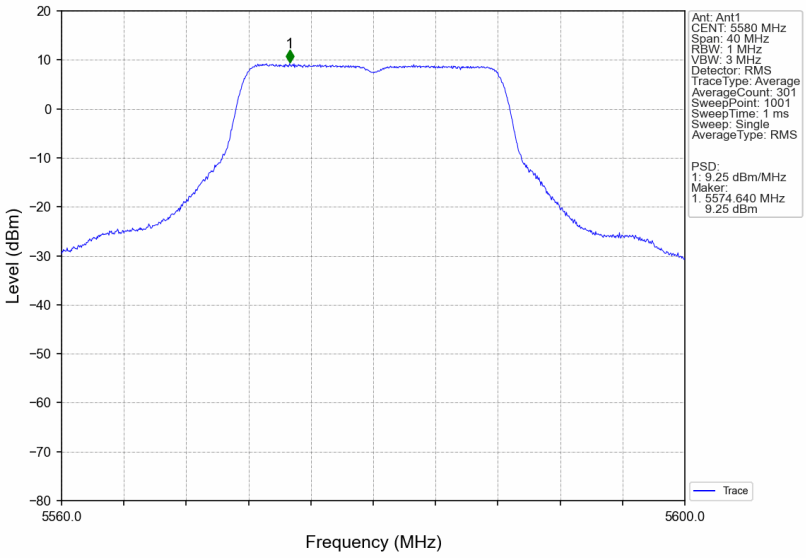
802.11a_LCH_5500MHz_Ant1_NTNV



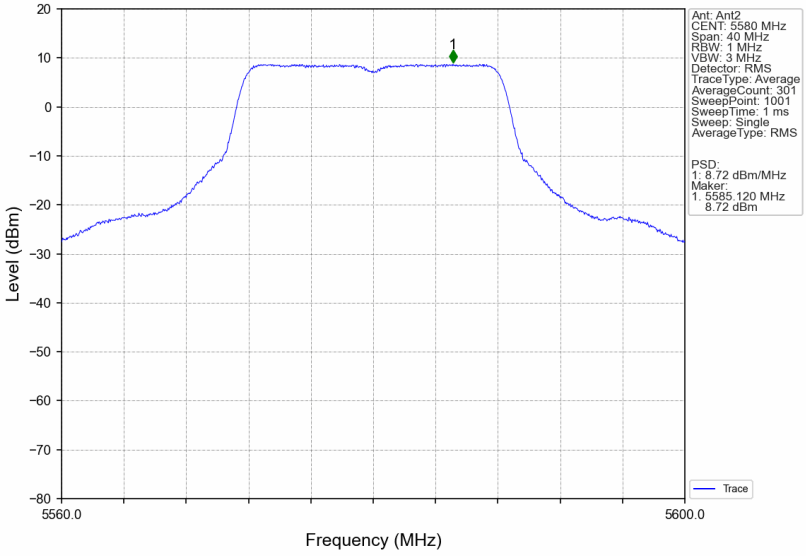
802.11a_LCH_5500MHz_Ant2_NTNV



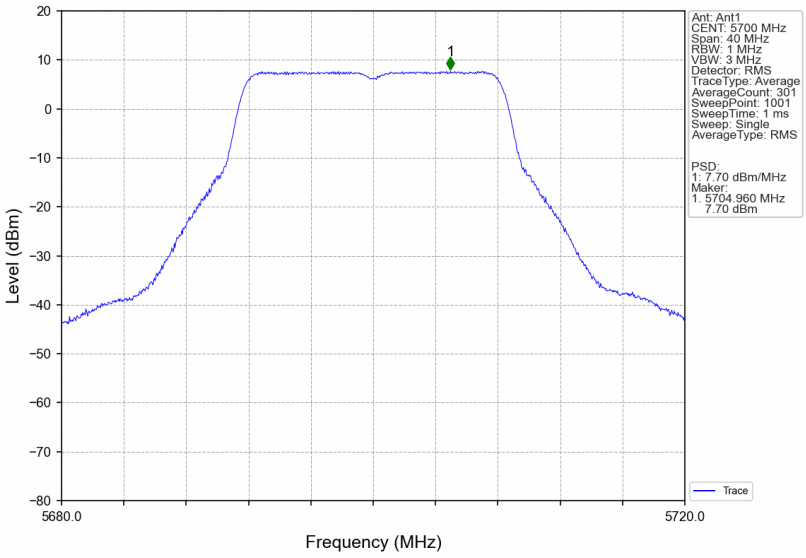
802.11a_MCH_5580MHz_Ant1_NTNV



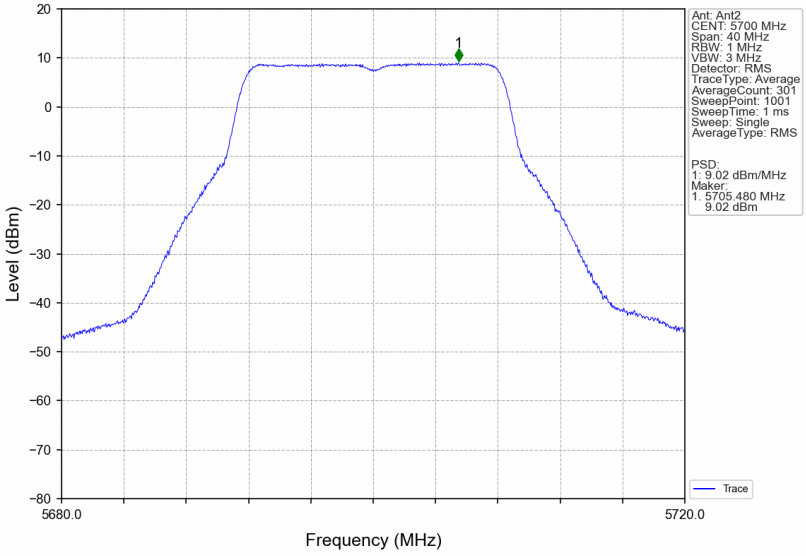
802.11a_MCH_5580MHz_Ant2_NTNV



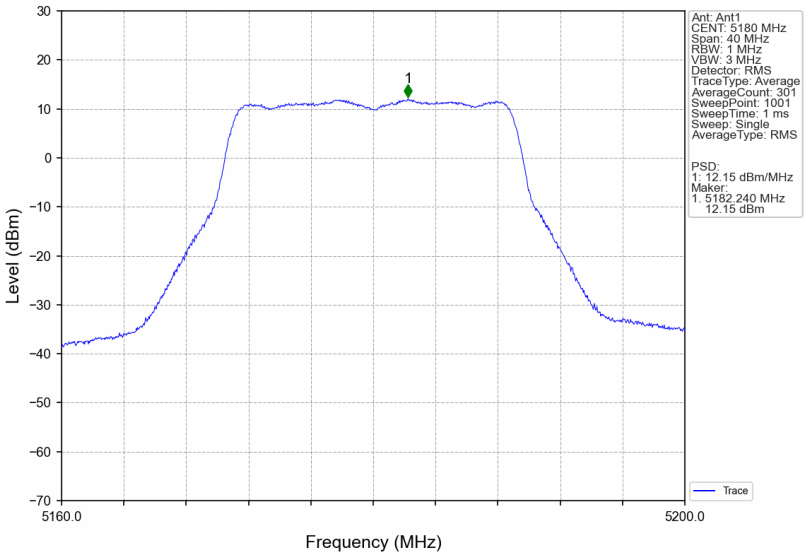
802.11a_HCH_5700MHz_Ant1_NTNV



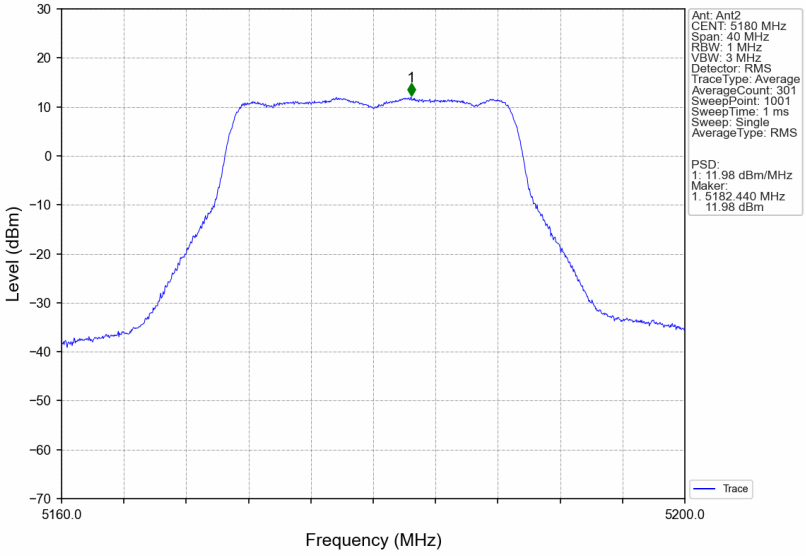
802.11a_HCH_5700MHz_Ant2_NTNV



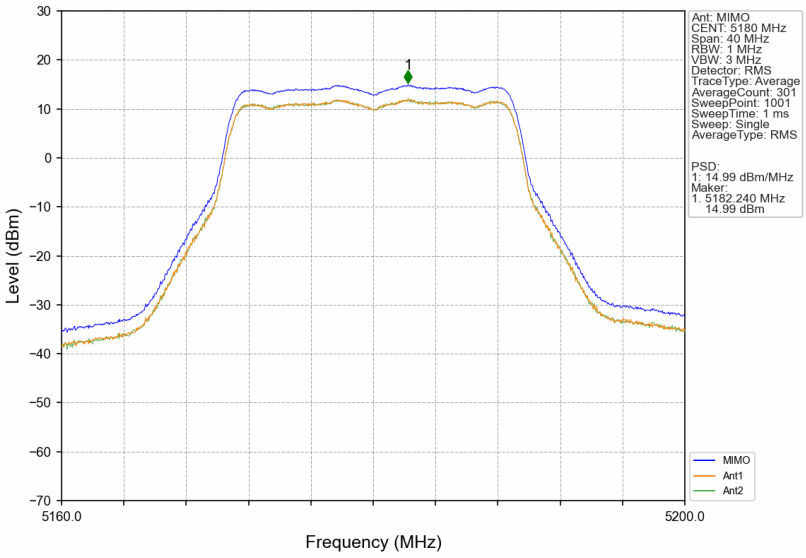
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



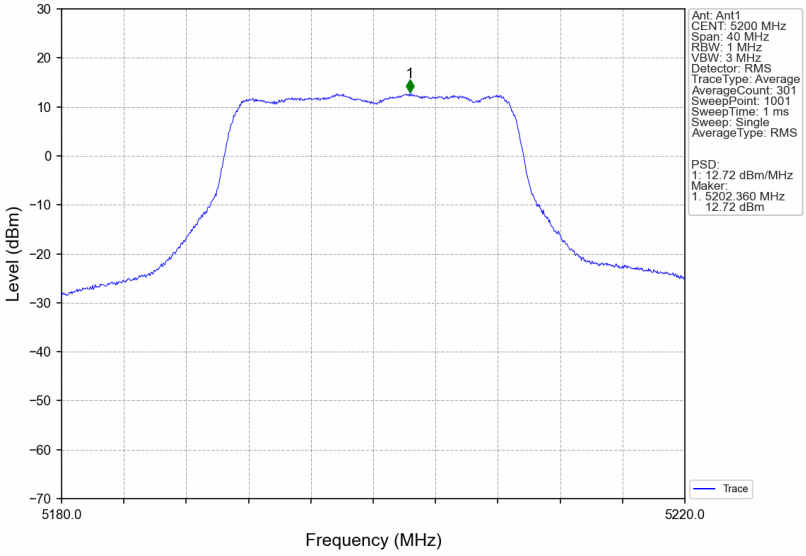
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



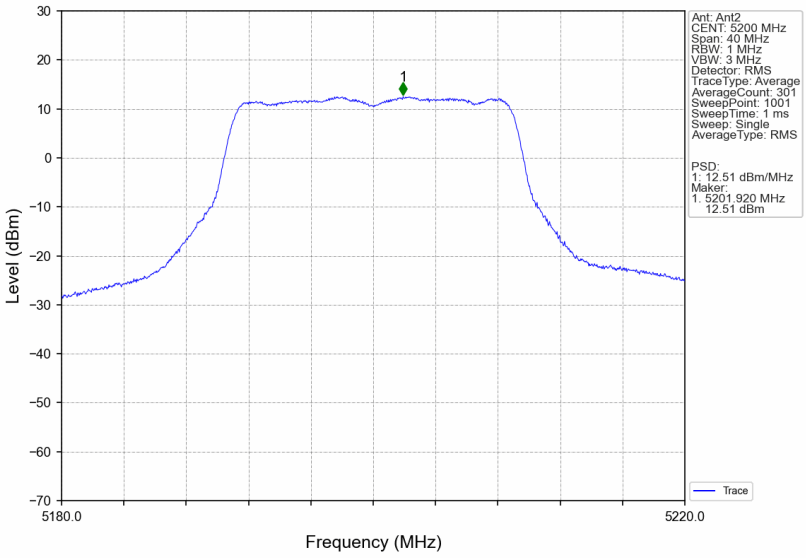
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



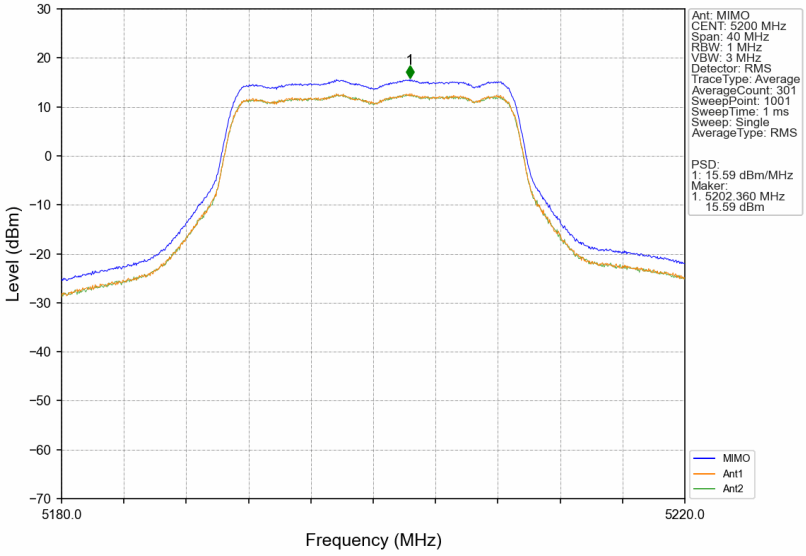
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



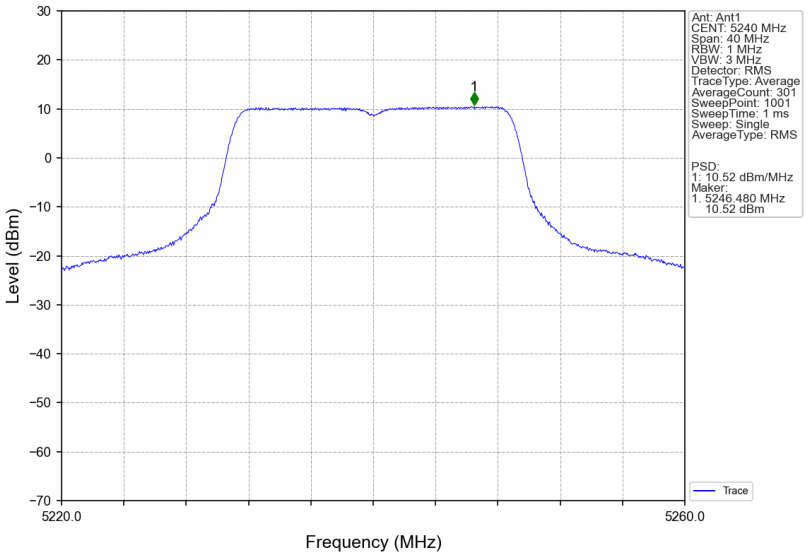
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



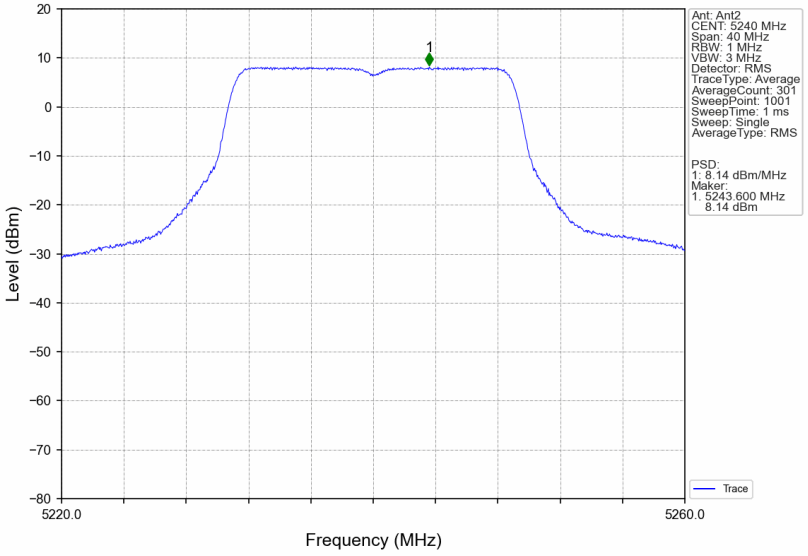
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



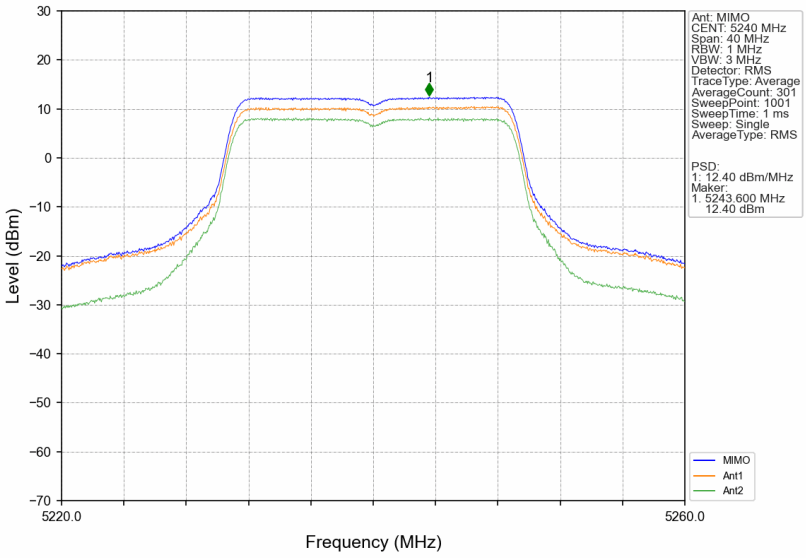
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



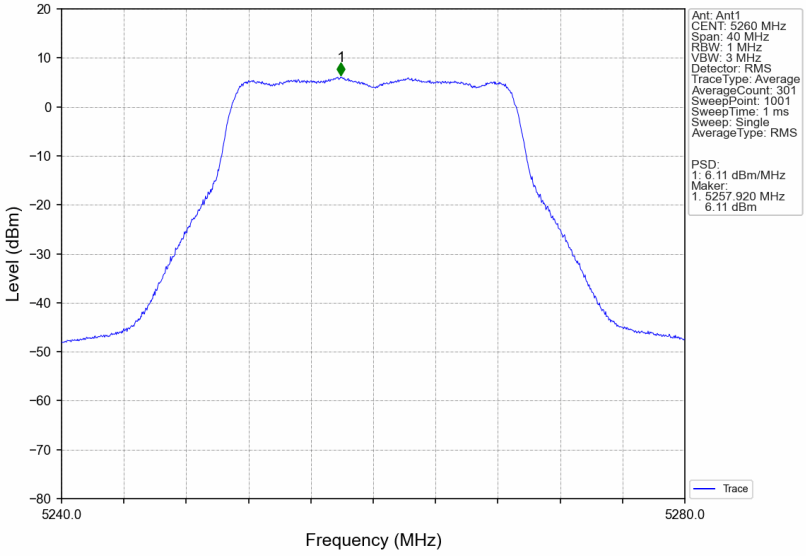
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



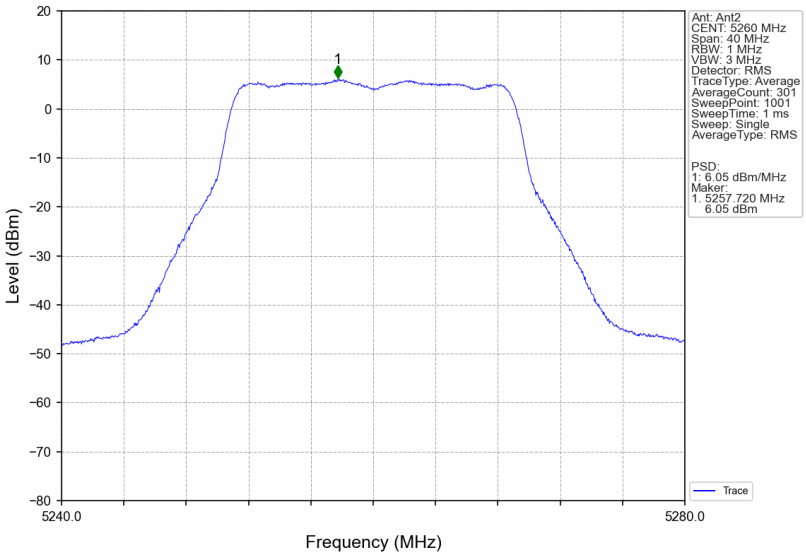
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



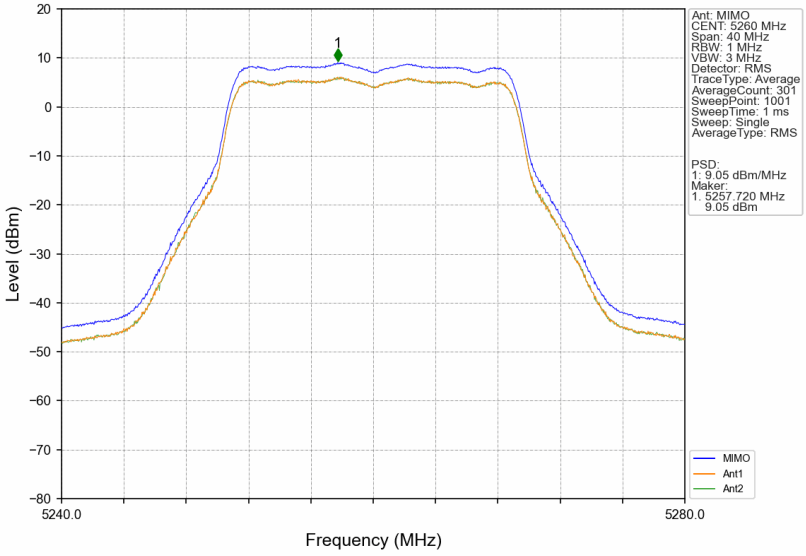
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



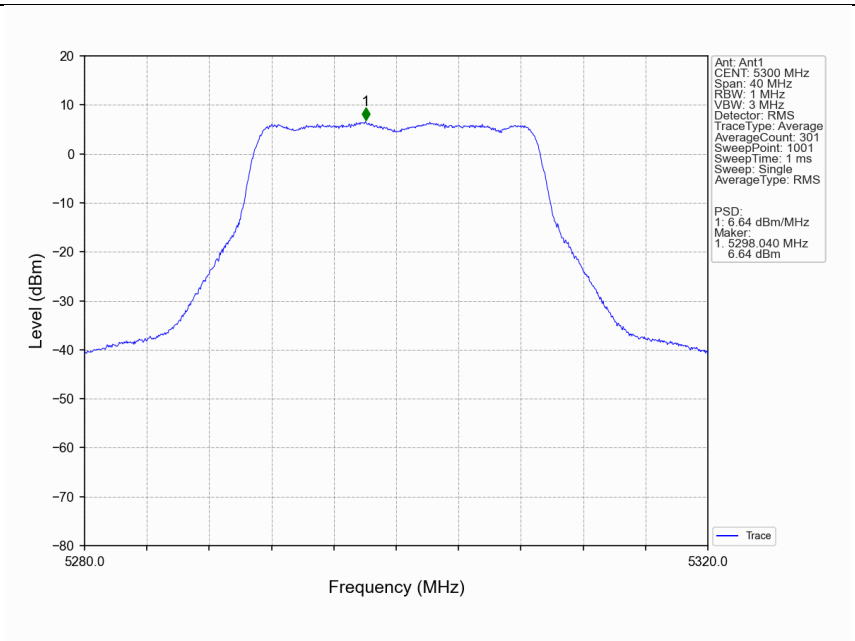
802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



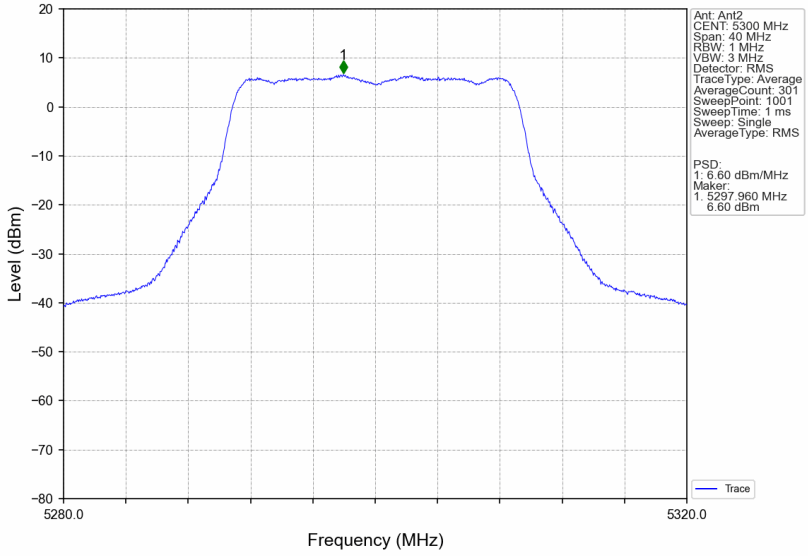
802.11ac(VHT20)_LCH_5260MHz_MIMO_NTNV



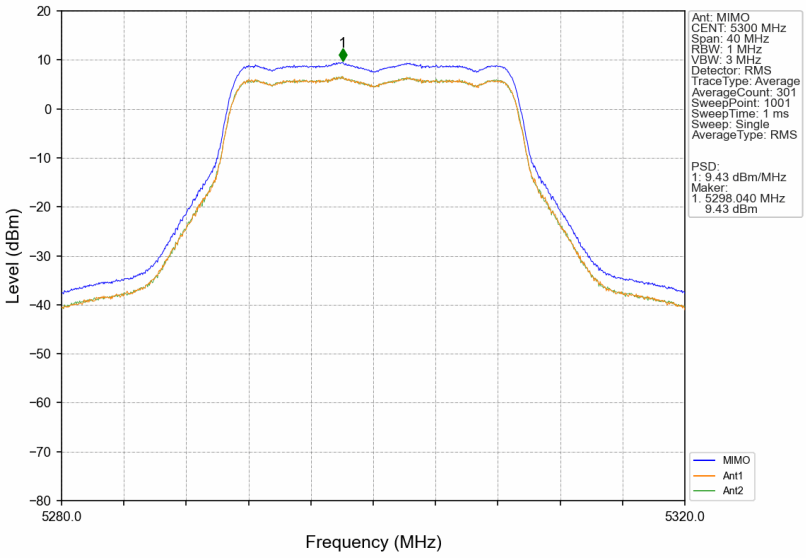
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



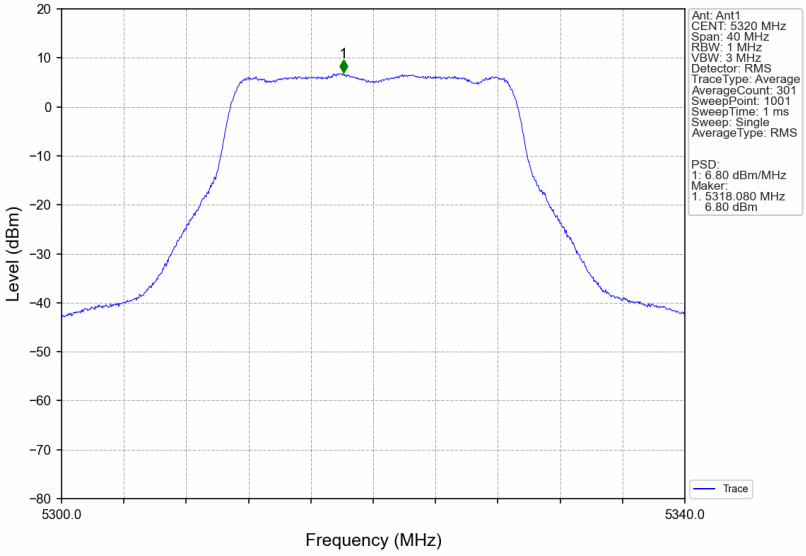
802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



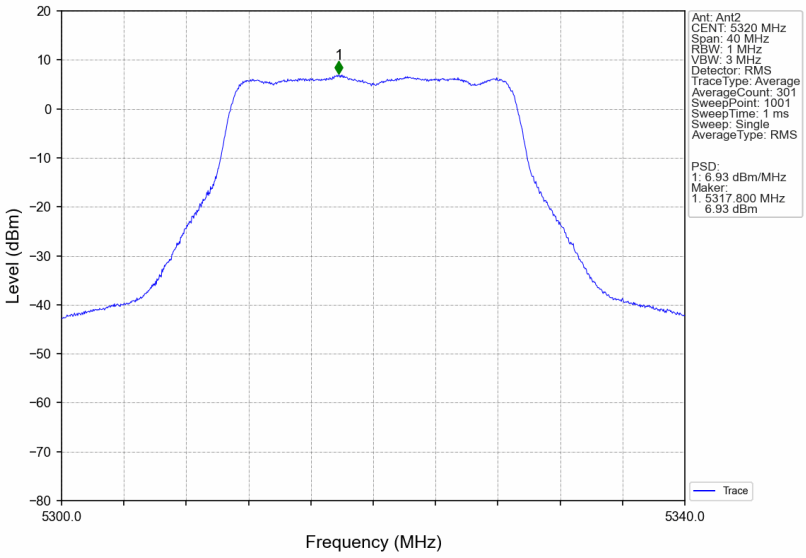
802.11ac(VHT20)_MCH_5300MHz_MIMO_NTNV



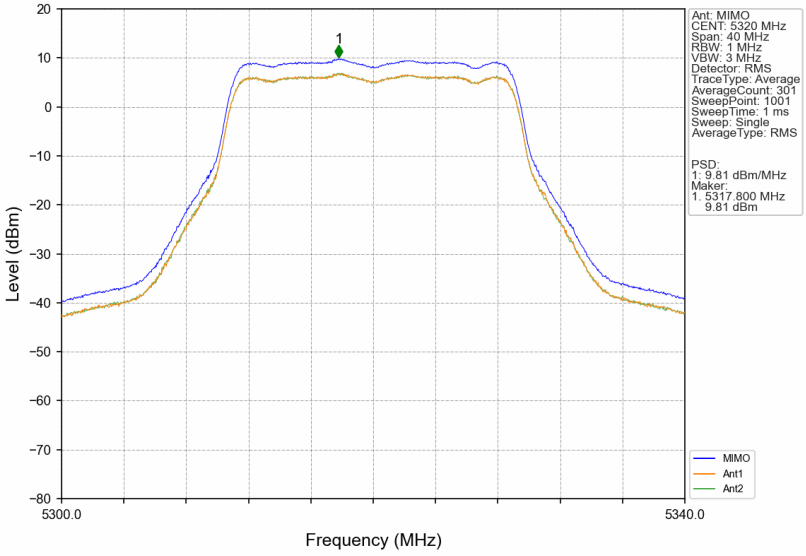
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



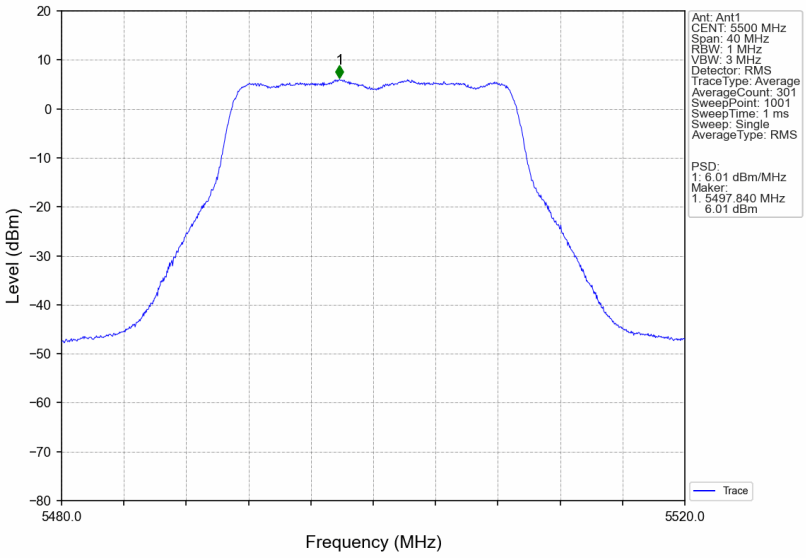
802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



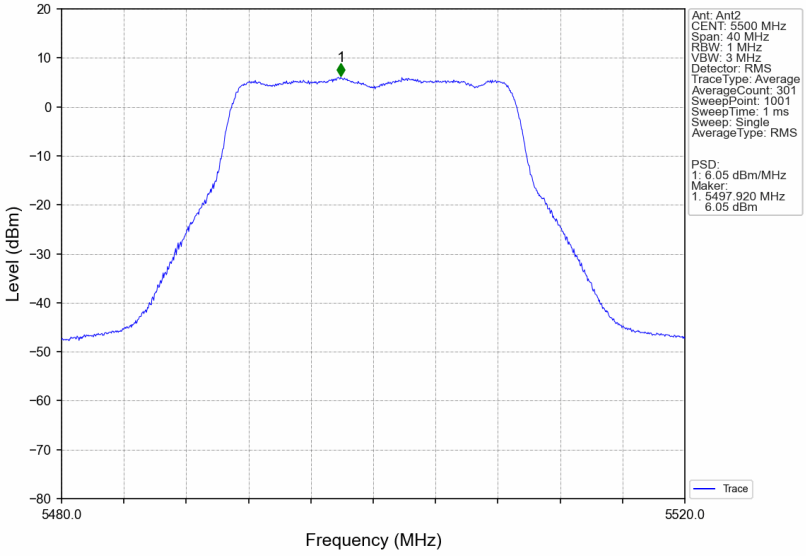
802.11ac(VHT20)_HCH_5320MHz_MIMO_NTNV



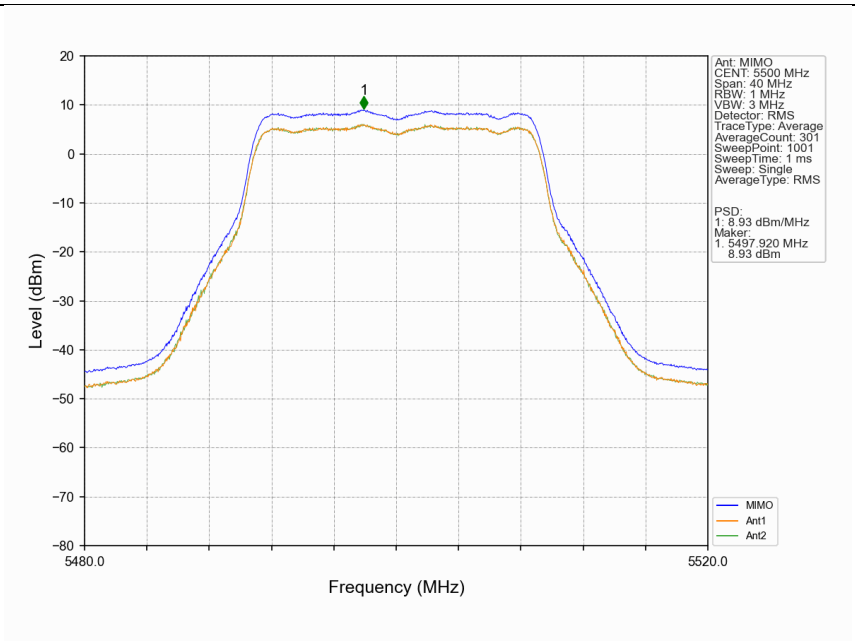
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



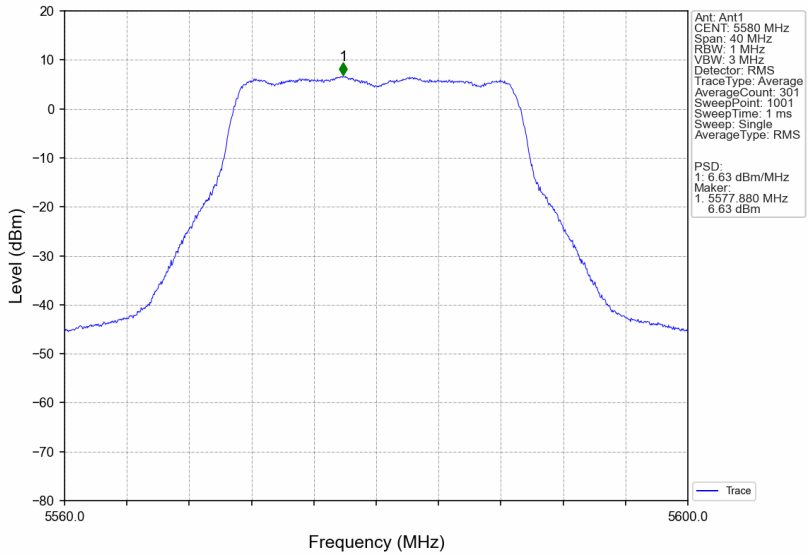
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



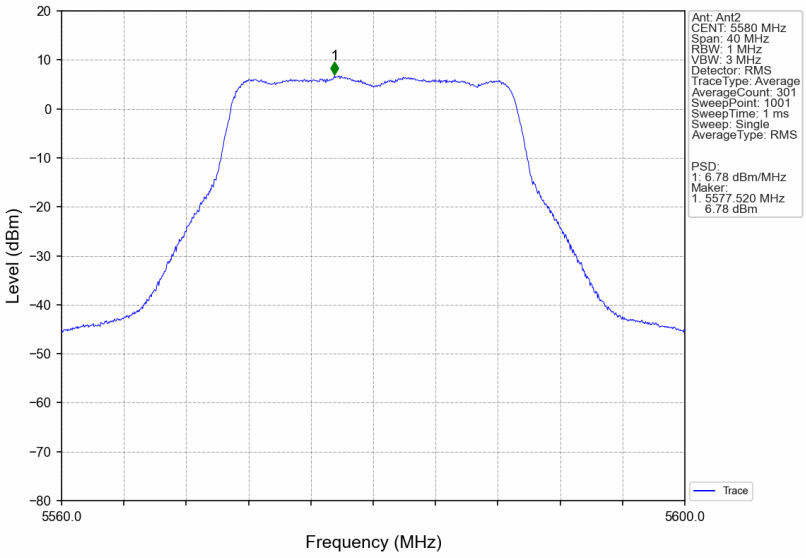
802.11ac(VHT20)_LCH_5500MHz_MIMO_NTNV



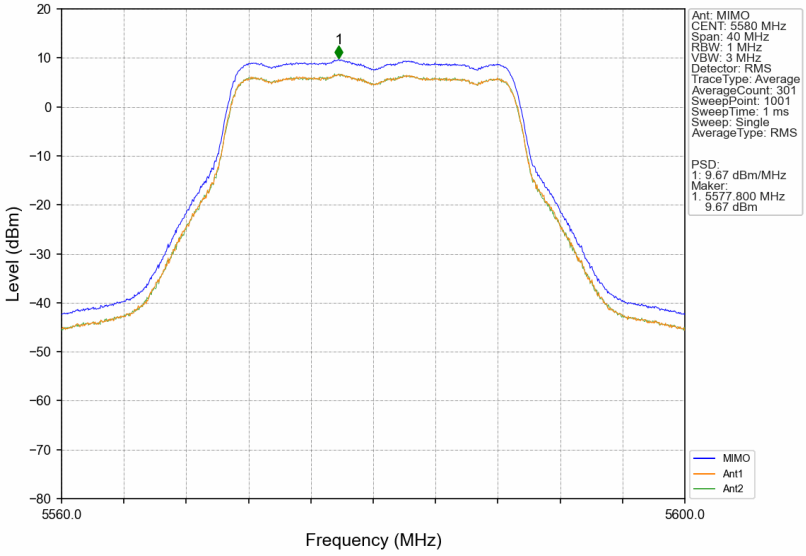
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



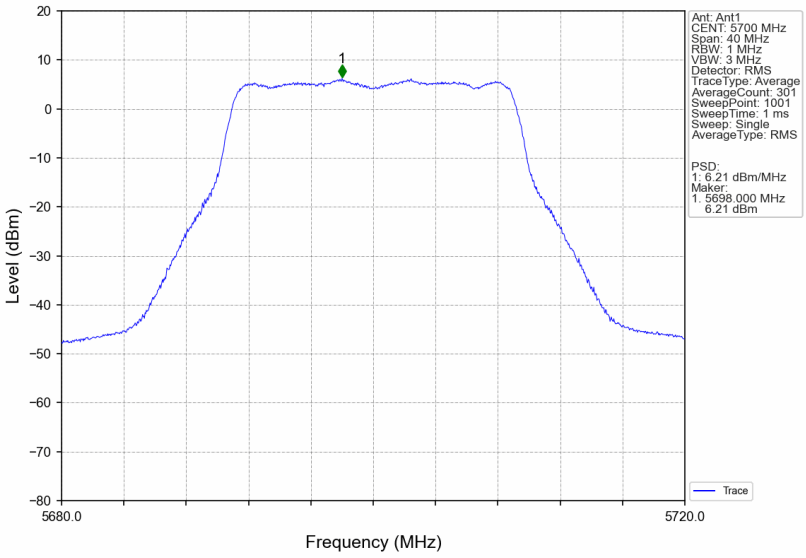
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



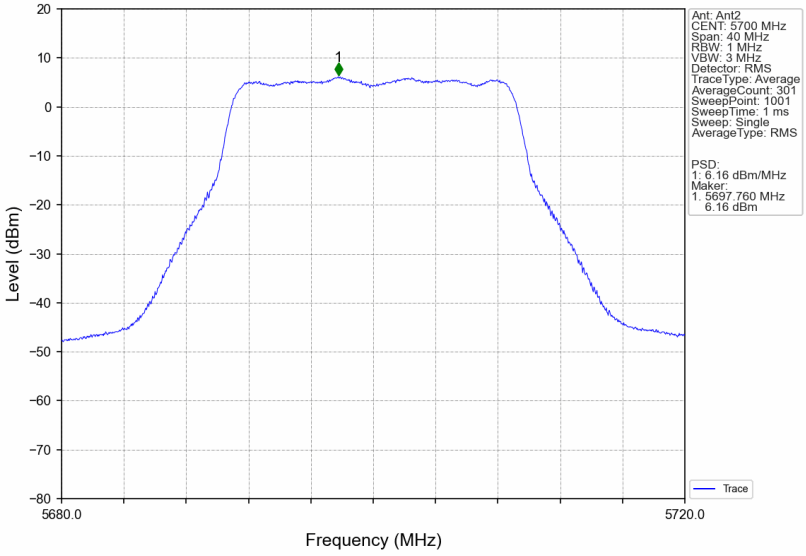
802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV



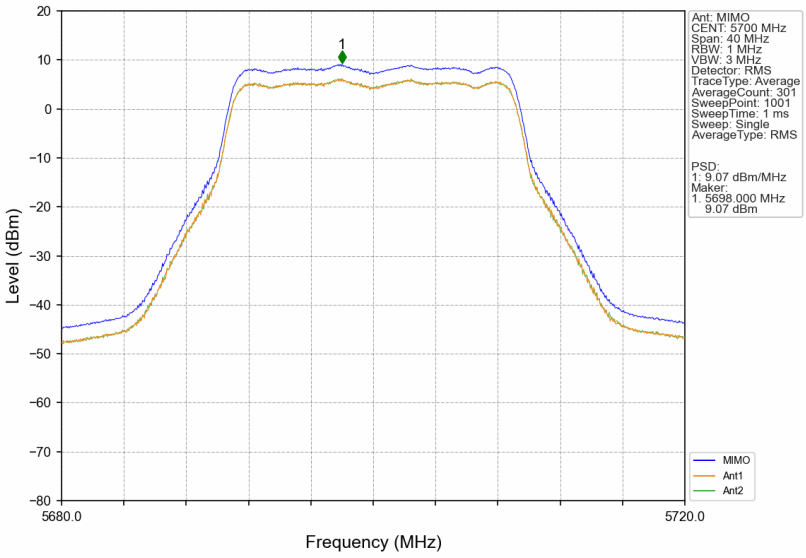
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



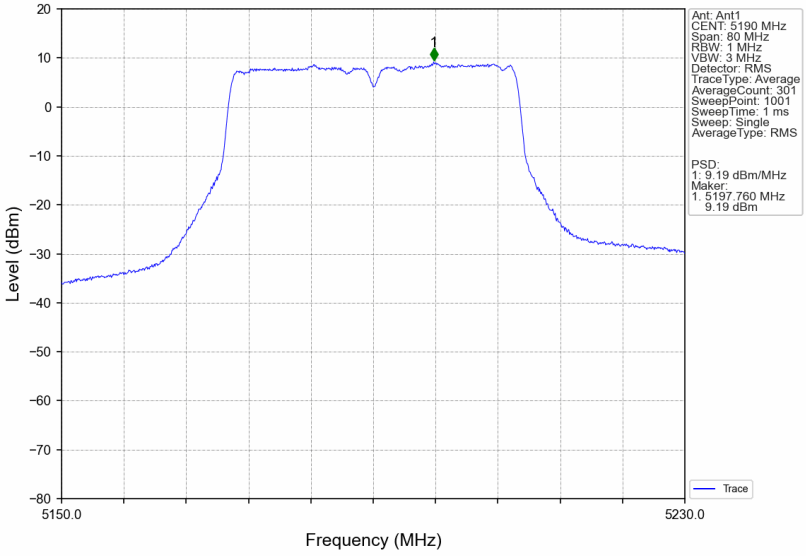
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



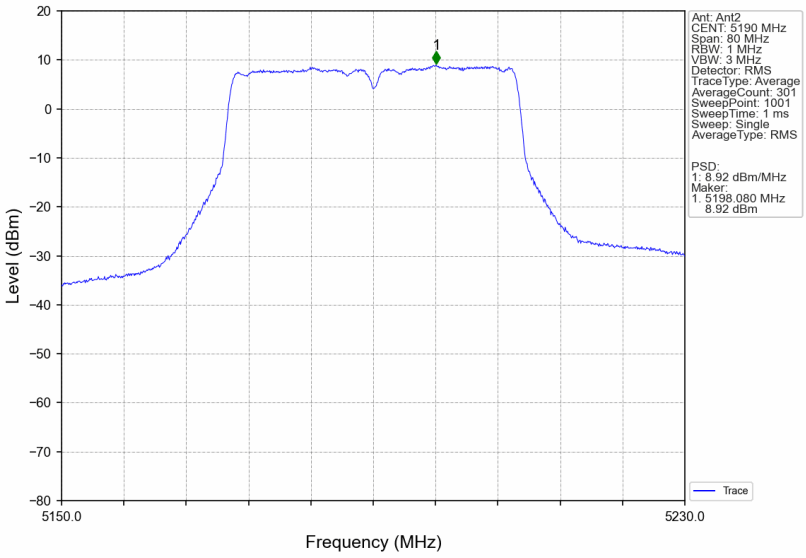
802.11ac(VHT20)_HCH_5700MHz_MIMO_NTNV



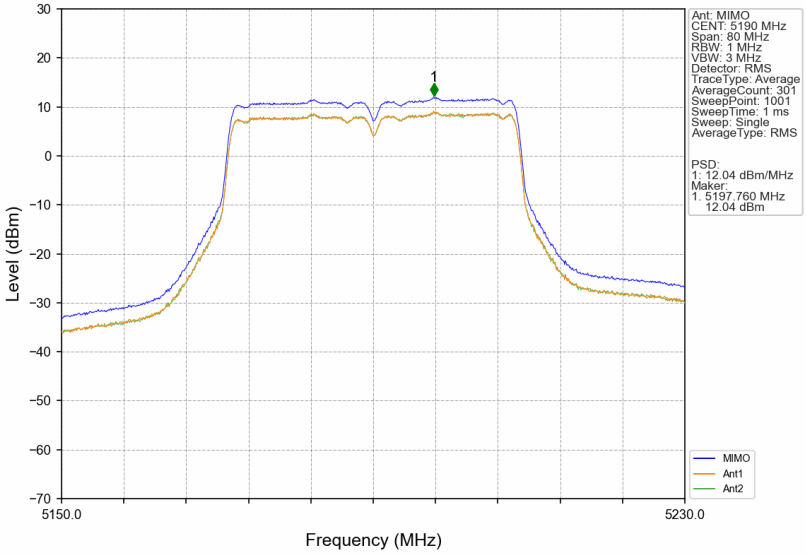
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



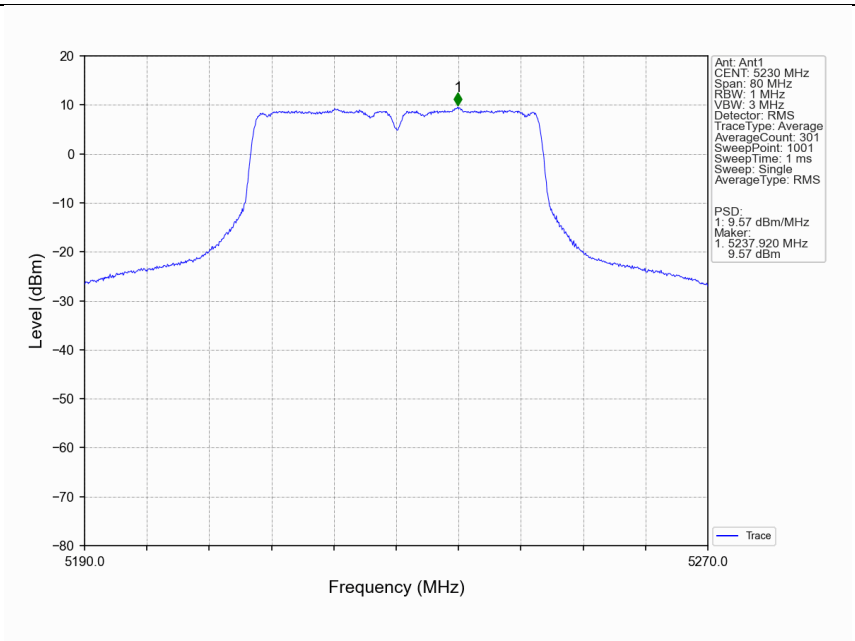
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



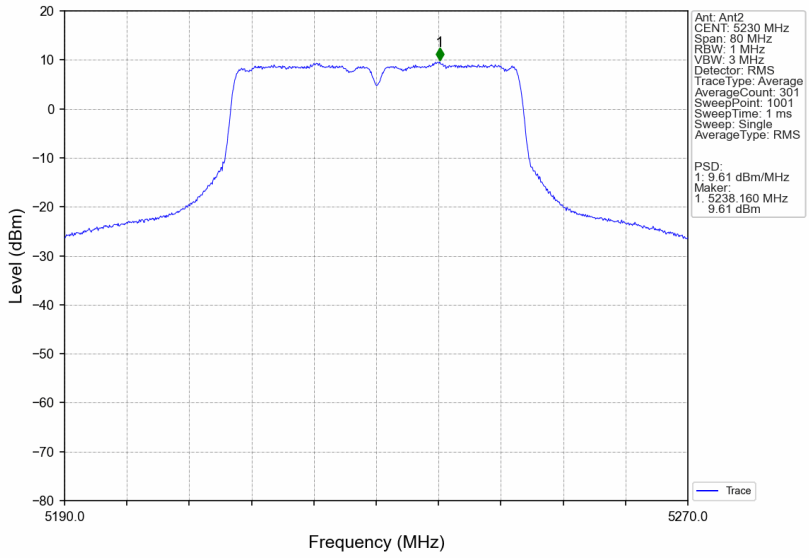
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



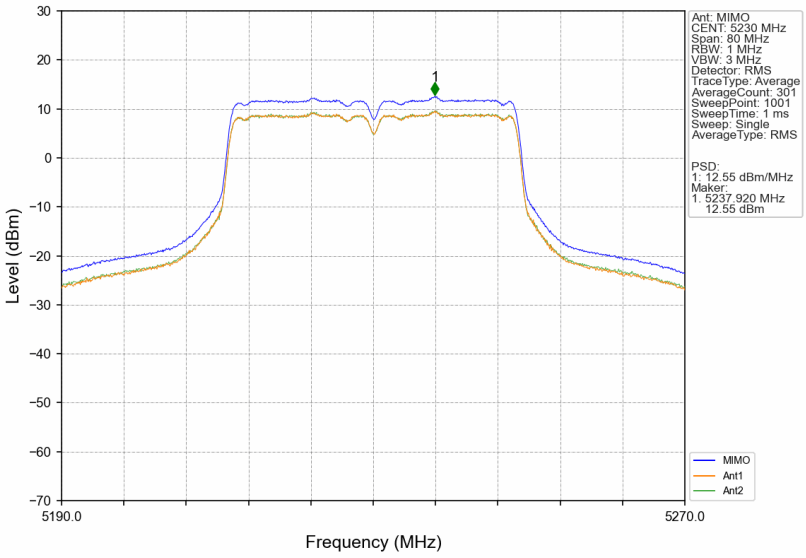
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



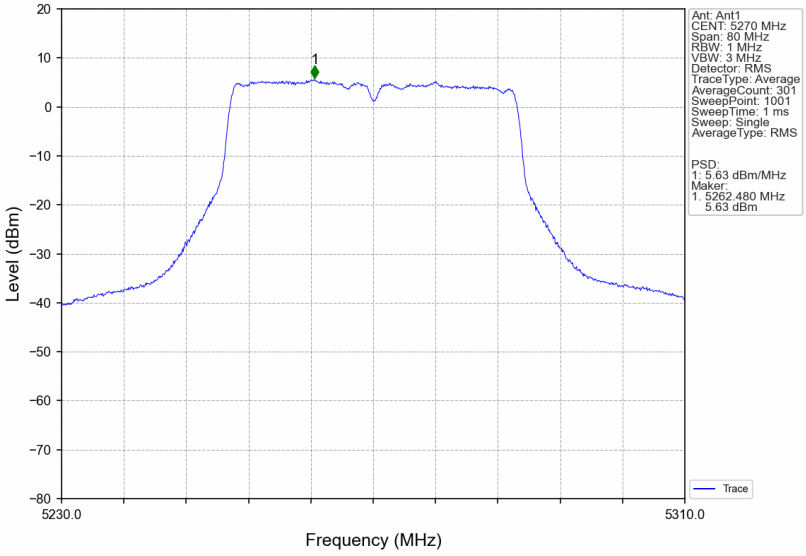
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



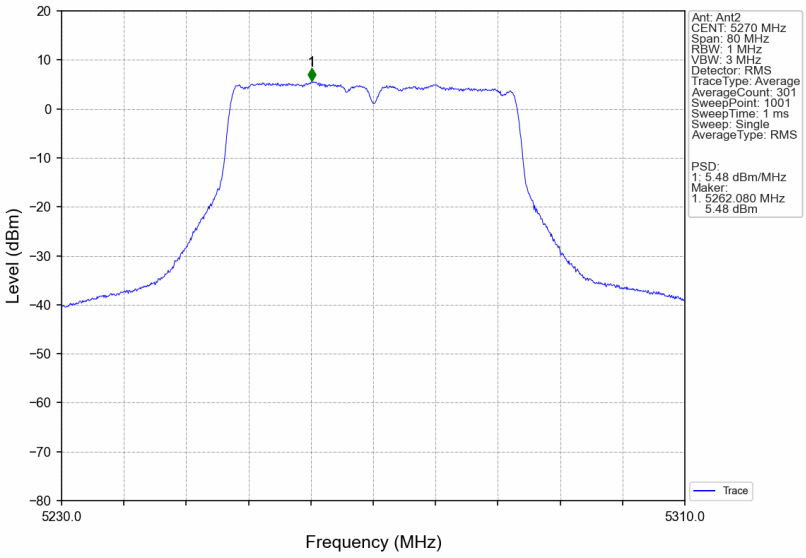
802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



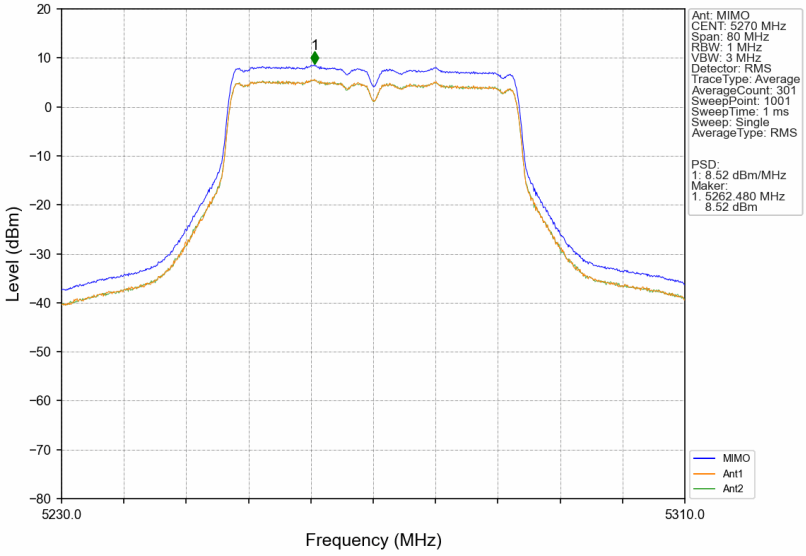
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



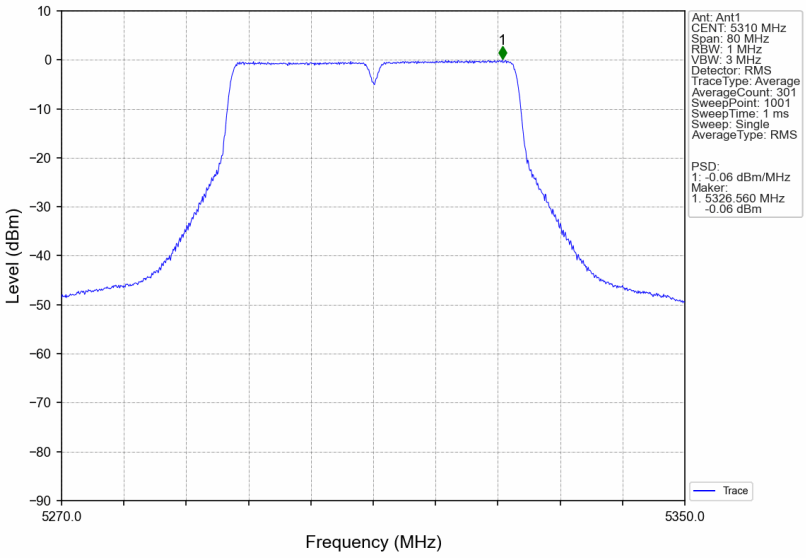
802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV



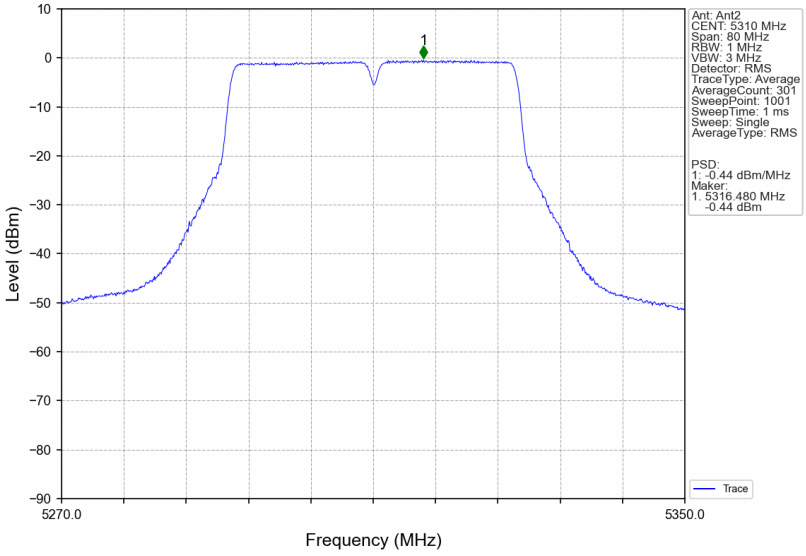
802.11ac(VHT40)_LCH_5270MHz_MIMO_NTNV



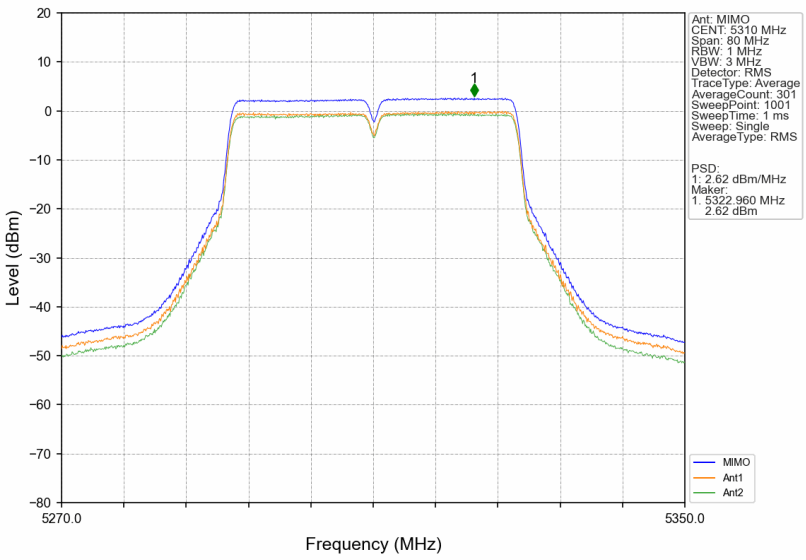
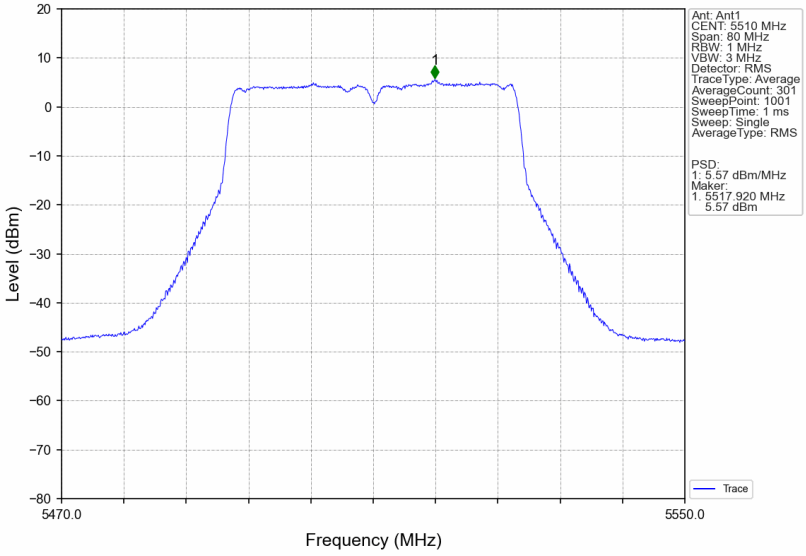
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5310MHz_MIMO_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV