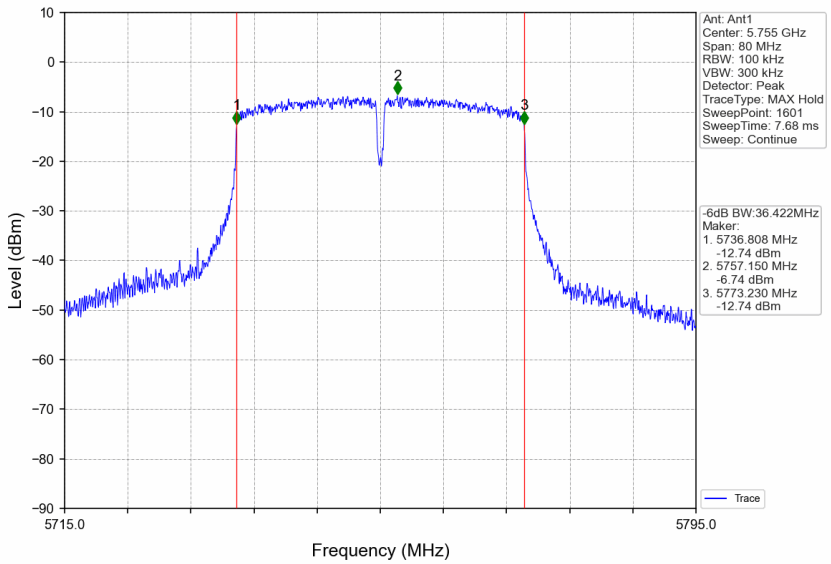
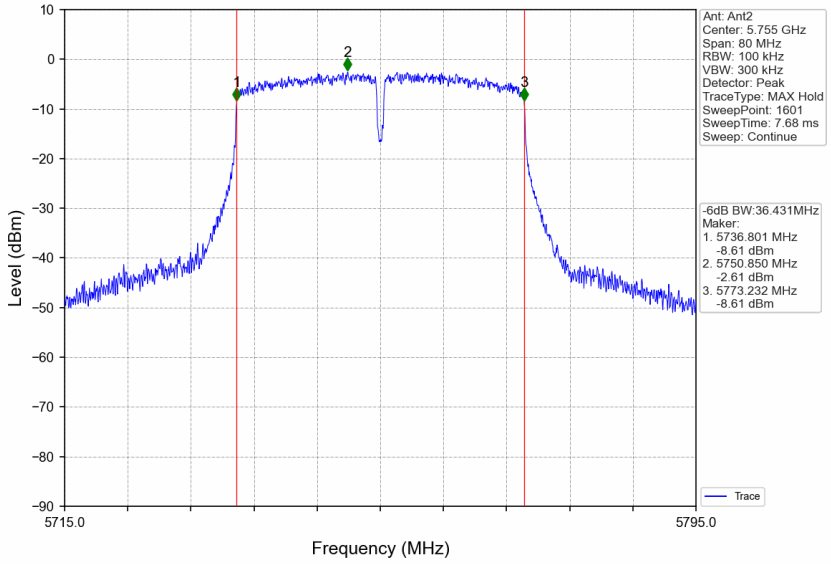
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



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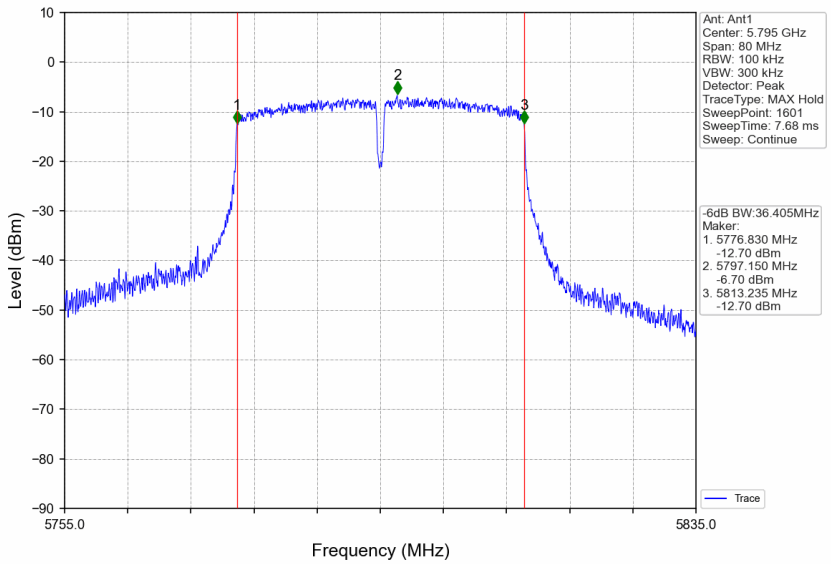
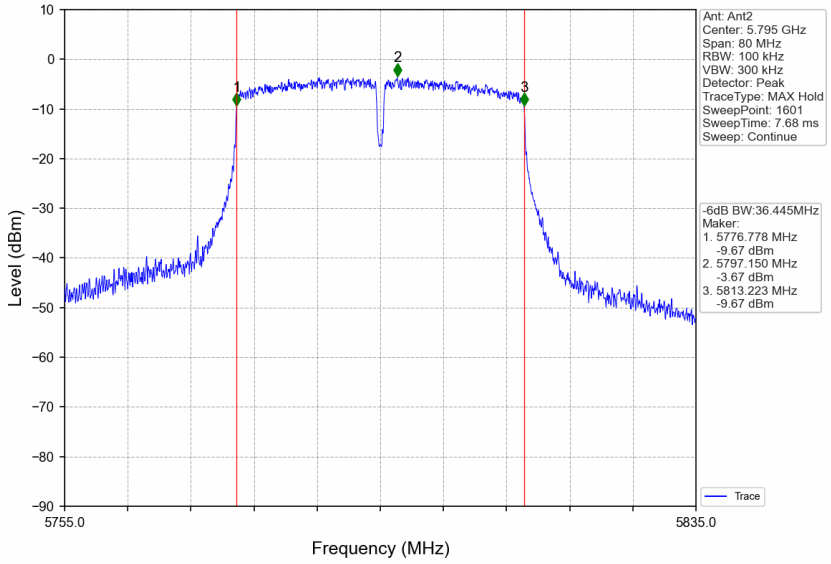
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



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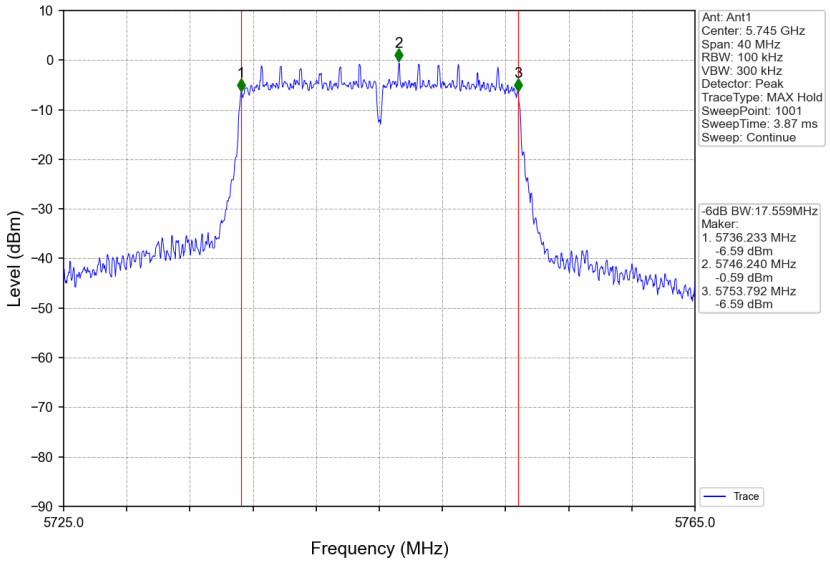
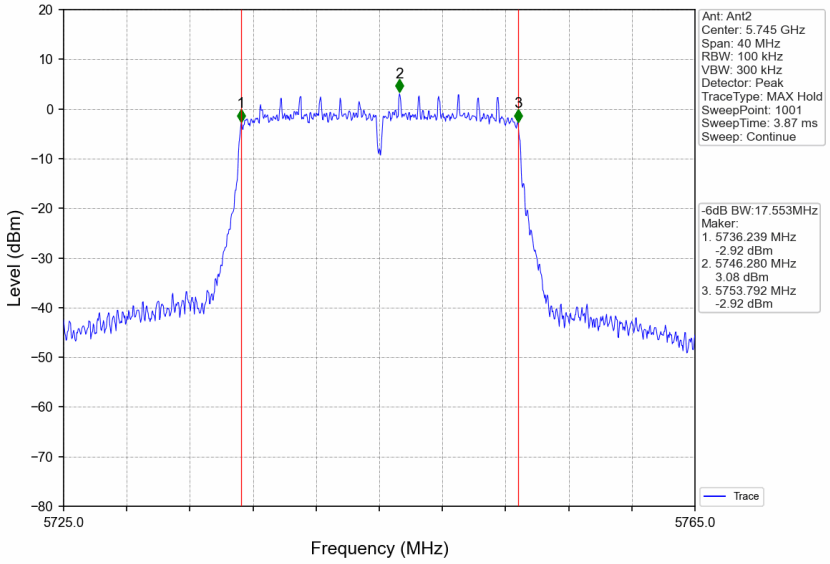
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



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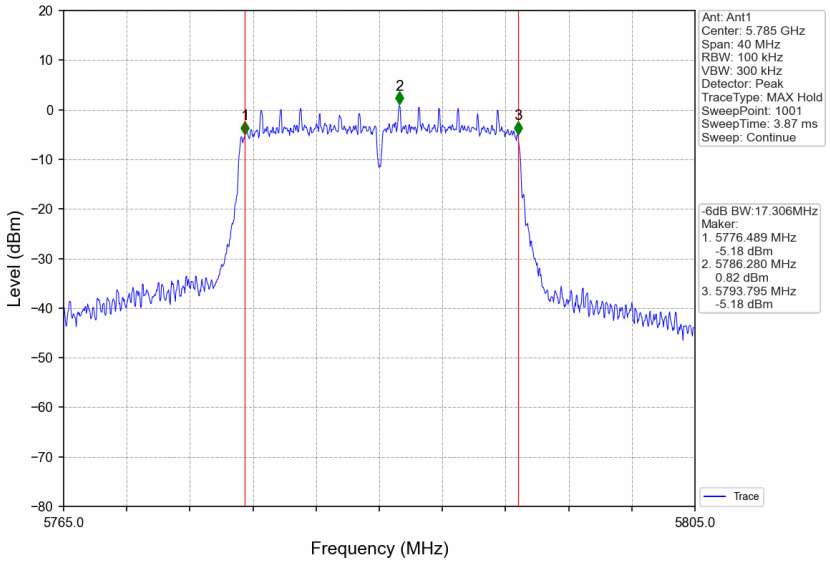
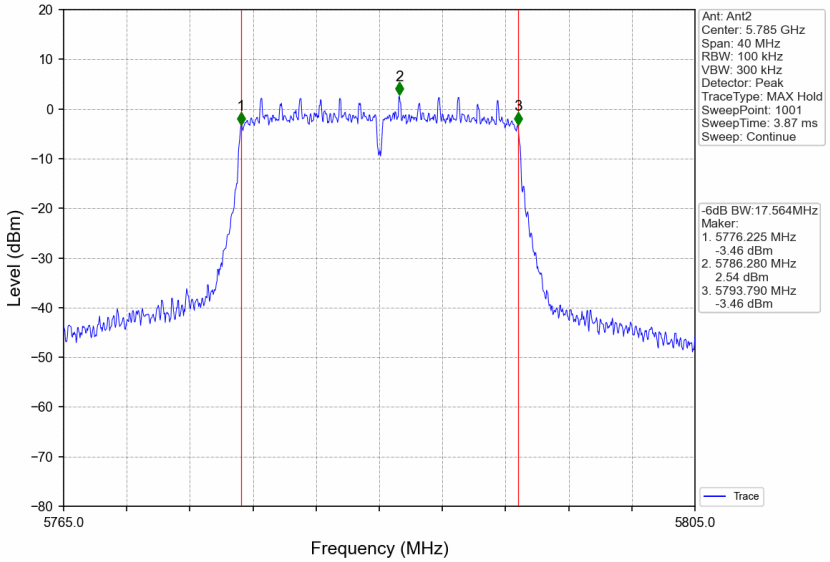
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



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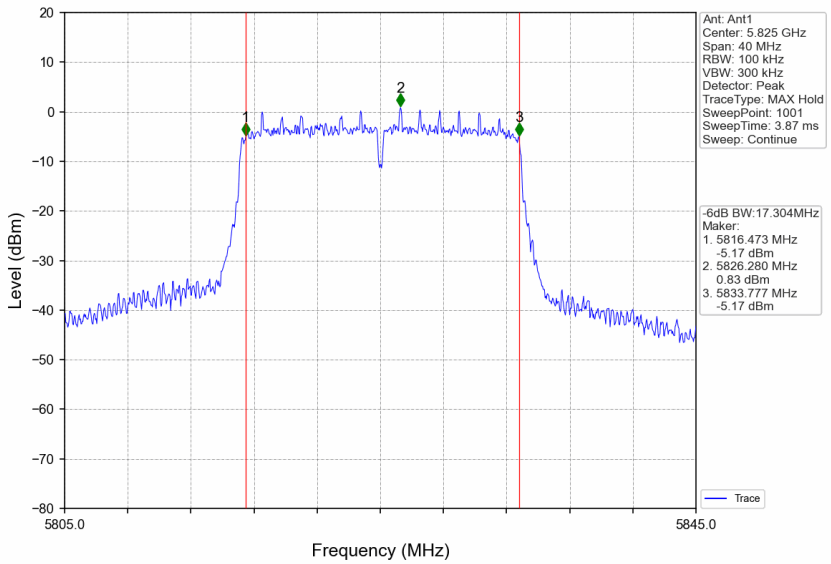
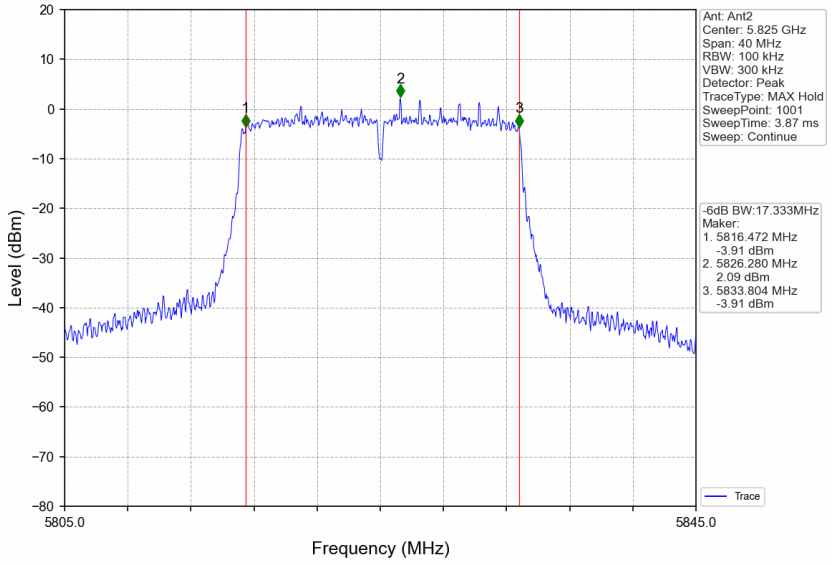
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



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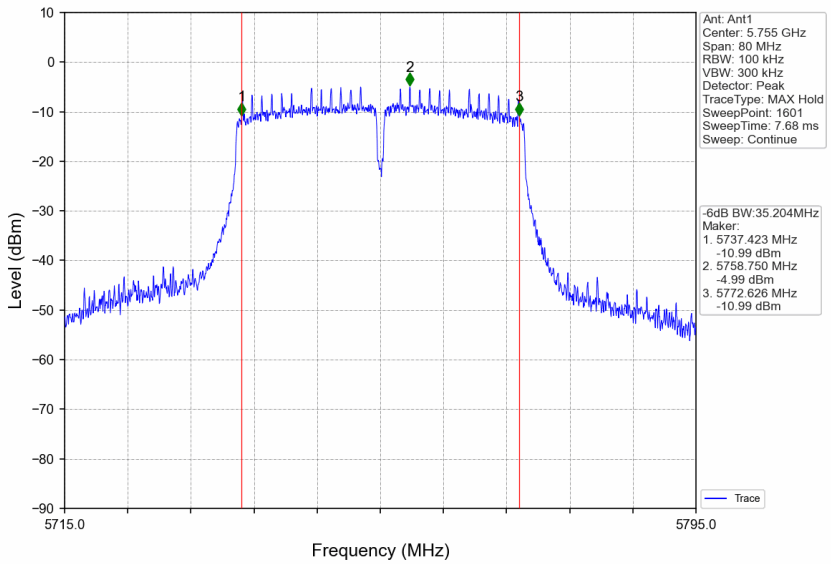
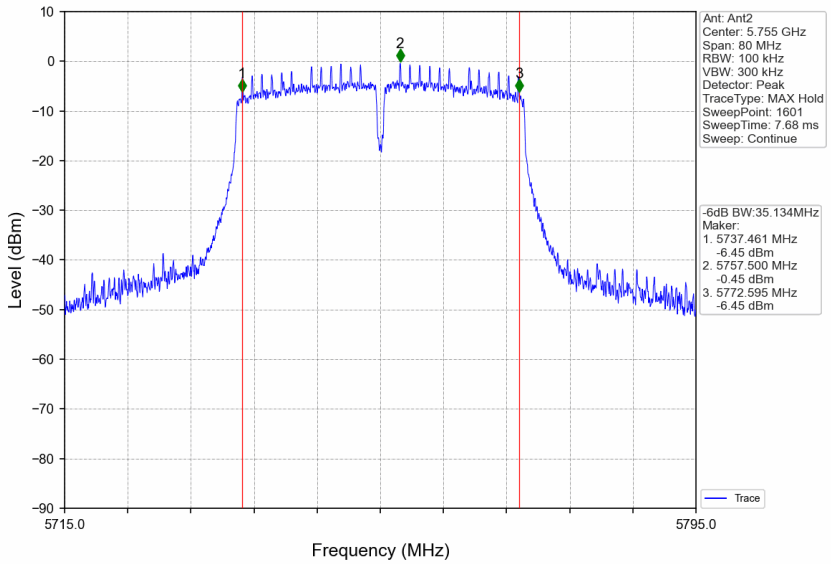
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



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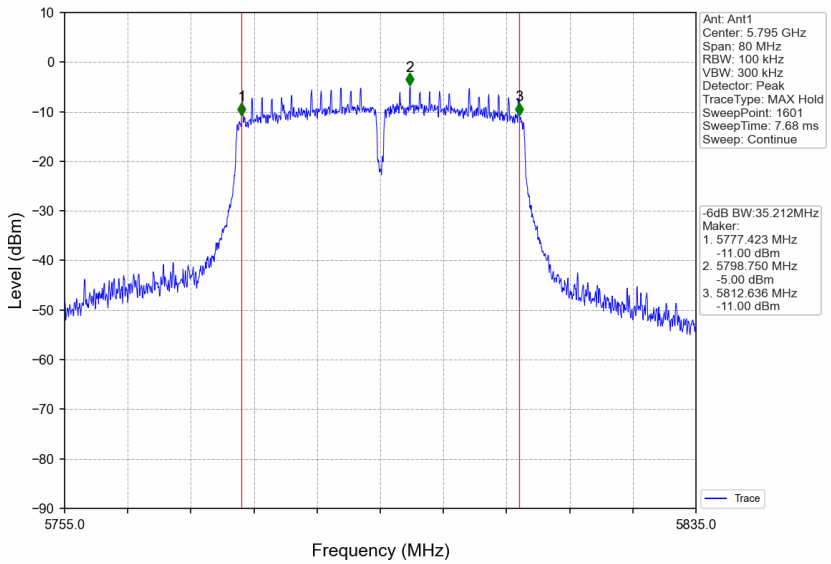
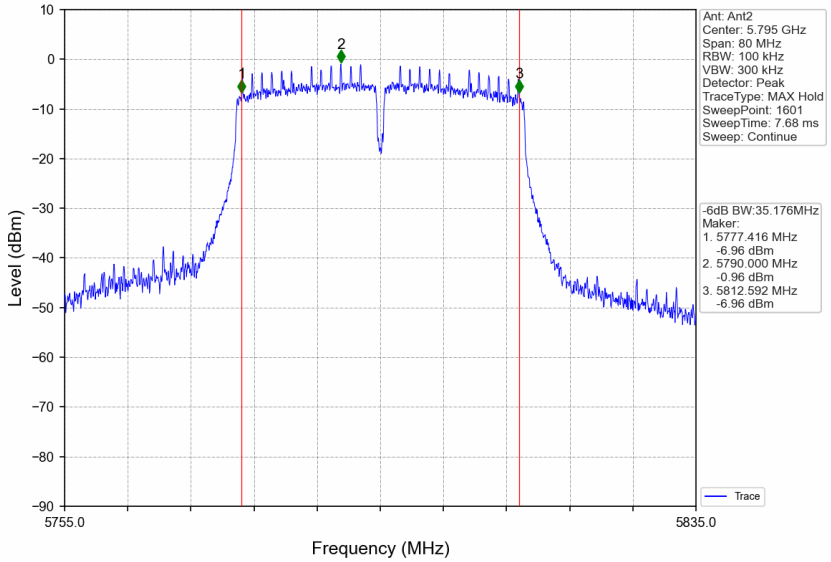
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



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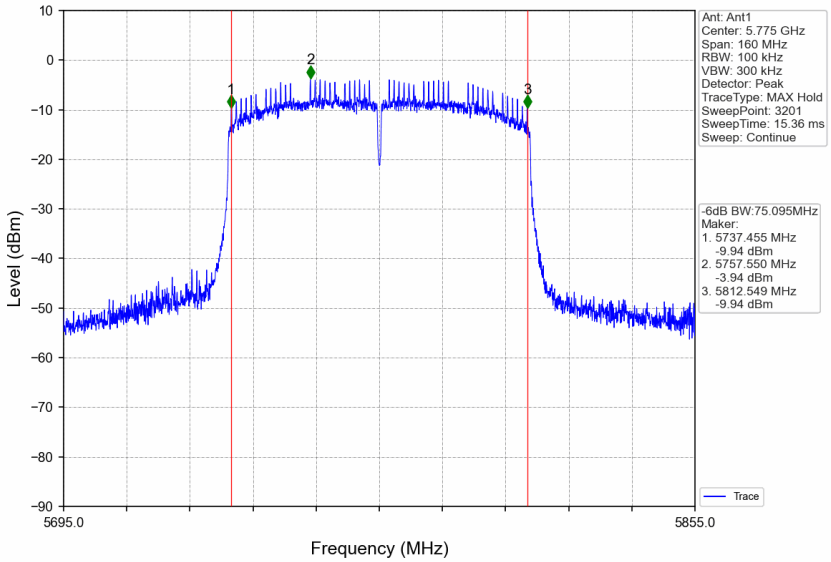
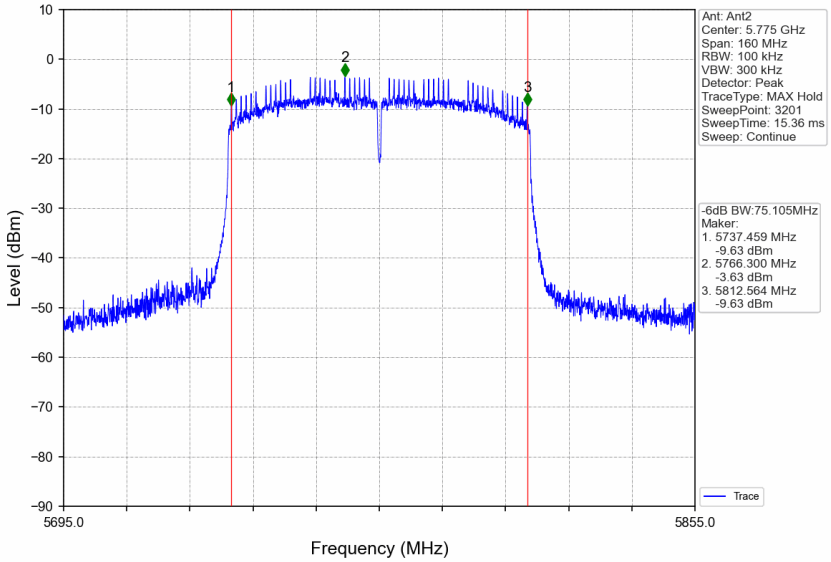
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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) Result	Verdict
802.11a	SISO	5180	1	19.431	Pass
			2	18.972	Pass
		5200	1	19.389	Pass
			2	19.029	Pass
		5240	1	19.382	Pass
			2	19.011	Pass
802.11n (HT20)	MIMO	5180	1	20.244	Pass
			2	20.232	Pass
		5200	1	20.209	Pass
			2	20.275	Pass
		5240	1	20.216	Pass
			2	20.216	Pass
802.11n (HT40)	MIMO	5190	1	42.591	Pass
			2	42.598	Pass
		5230	1	42.635	Pass
			2	42.496	Pass
802.11ac (VHT20)	MIMO	5180	1	20.248	Pass
			2	20.270	Pass
		5200	1	20.319	Pass
			2	20.176	Pass
		5240	1	20.210	Pass
			2	20.187	Pass
802.11ac (VHT40)	MIMO	5190	1	42.969	Pass
			2	43.059	Pass
		5230	1	43.036	Pass
			2	43.123	Pass
802.11ac (VHT80)	MIMO	5210	1	83.284	Pass
			2	83.445	Pass

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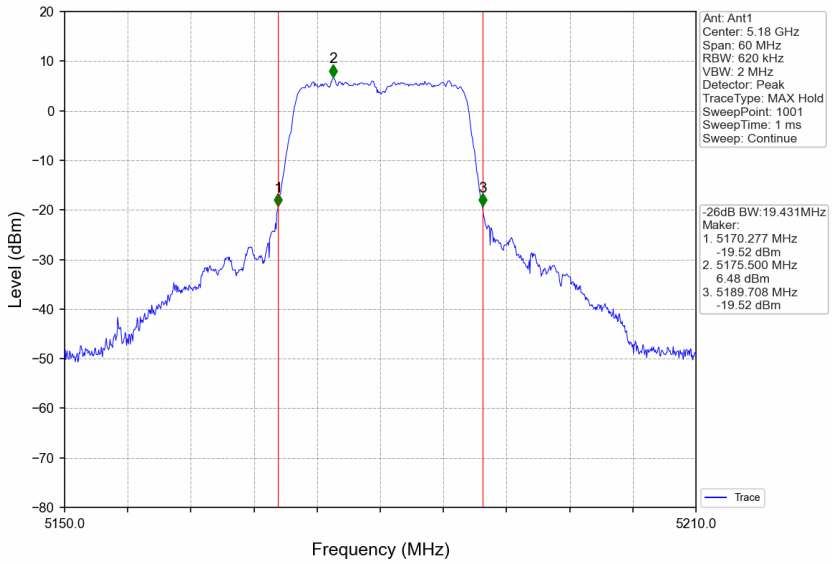
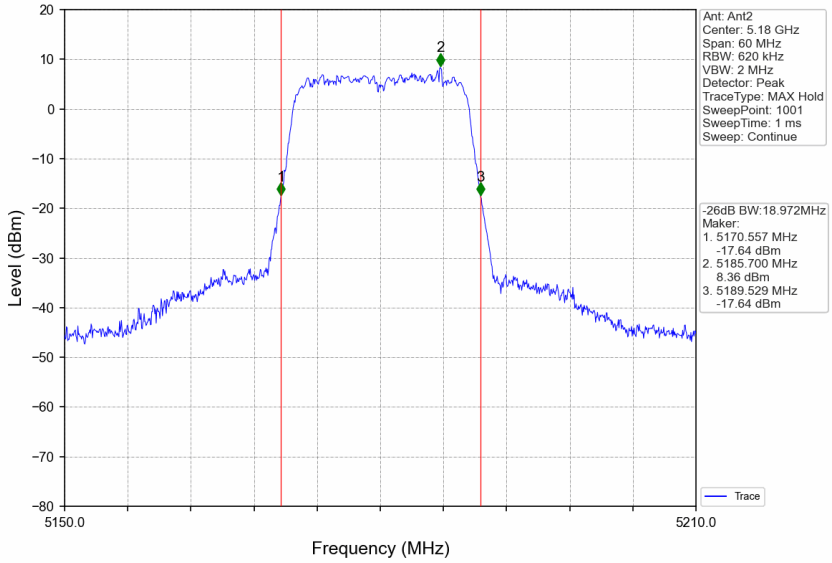
2.3.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV



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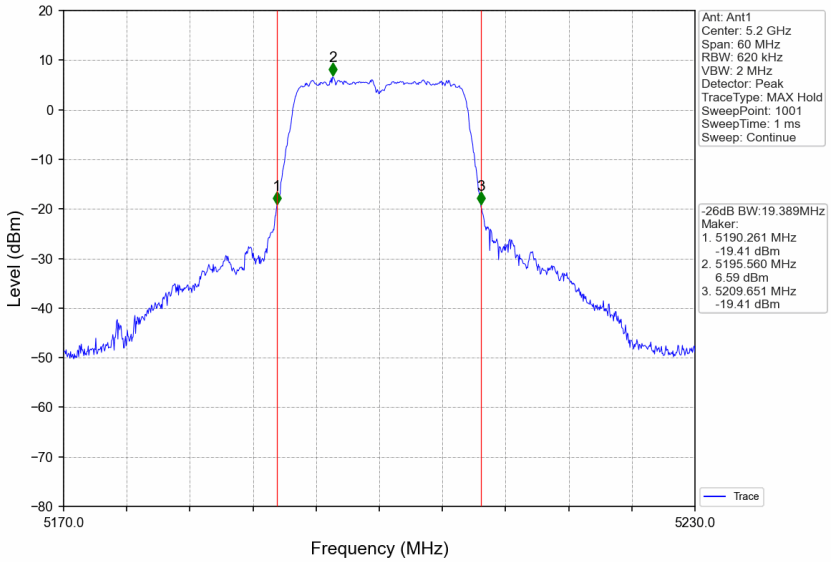
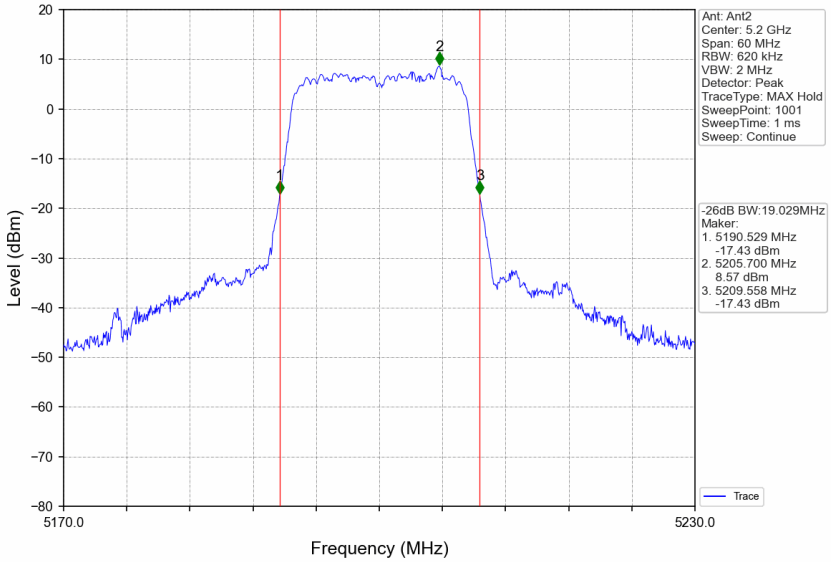
802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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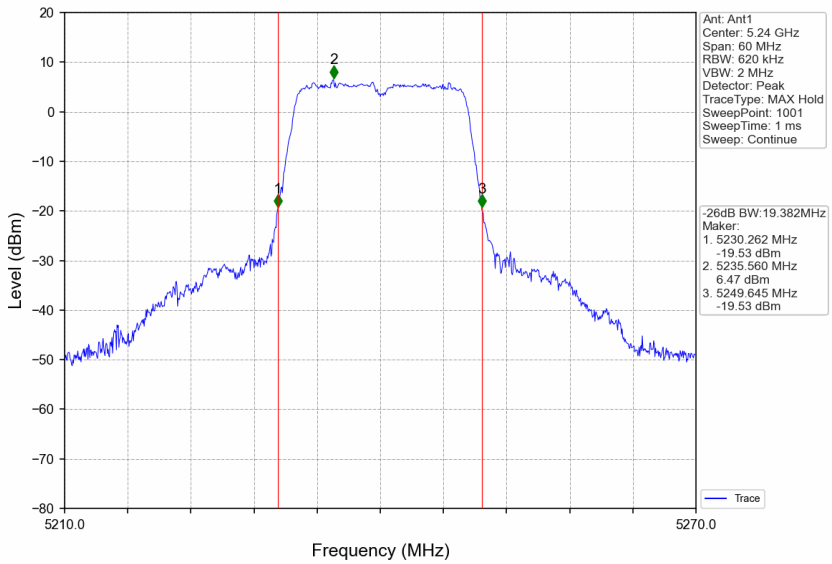
802.11a_HCH_5240MHz_Ant1_NTNV



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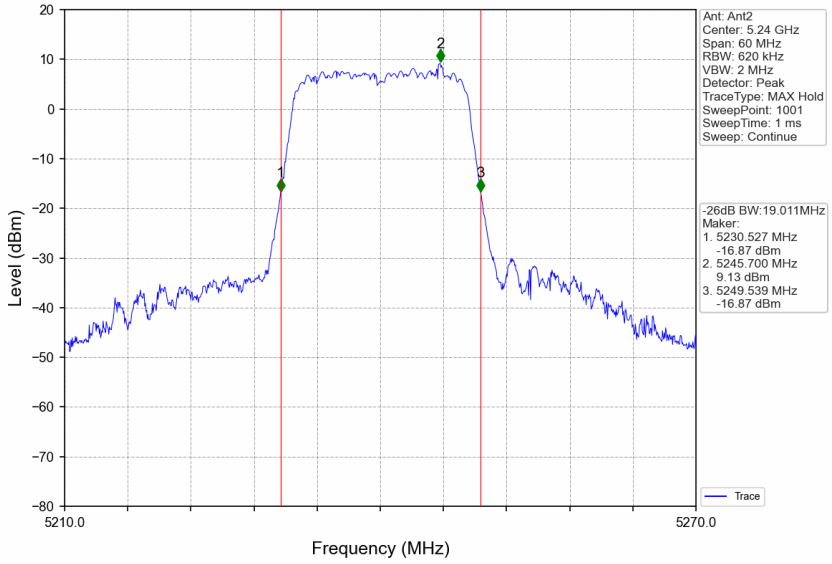

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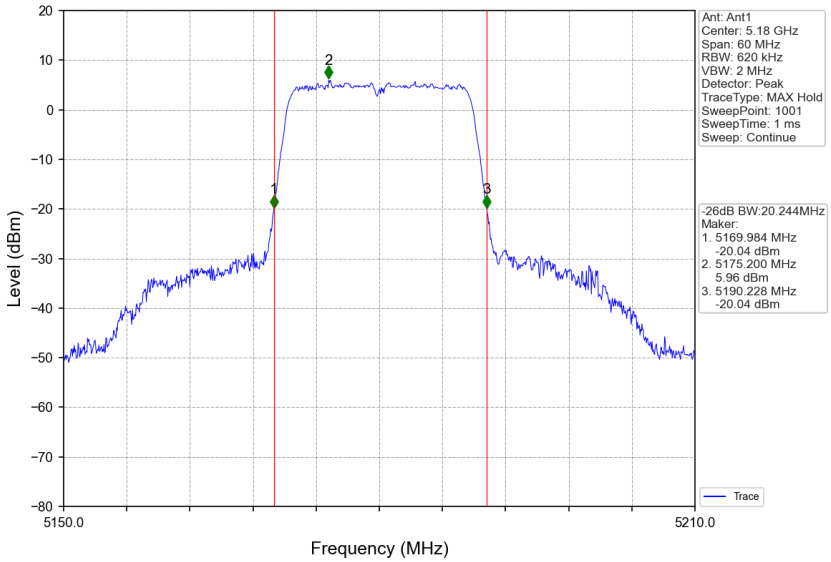
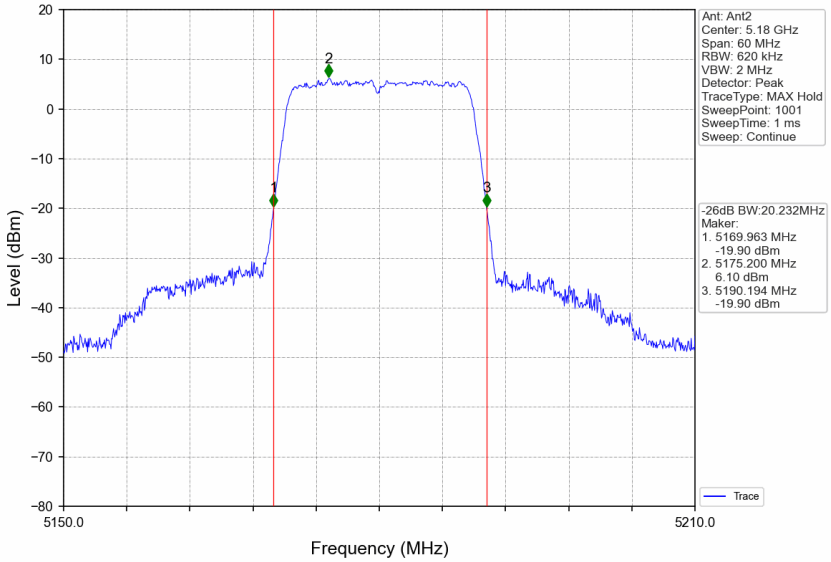
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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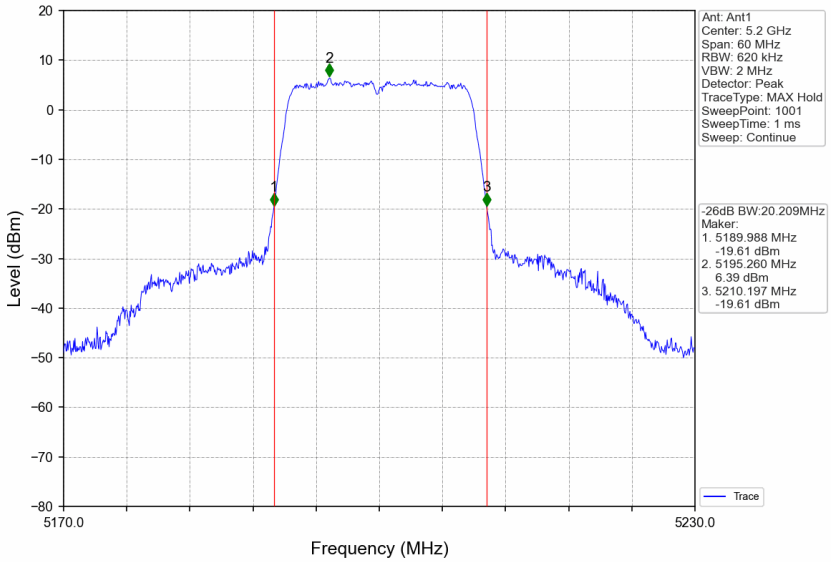
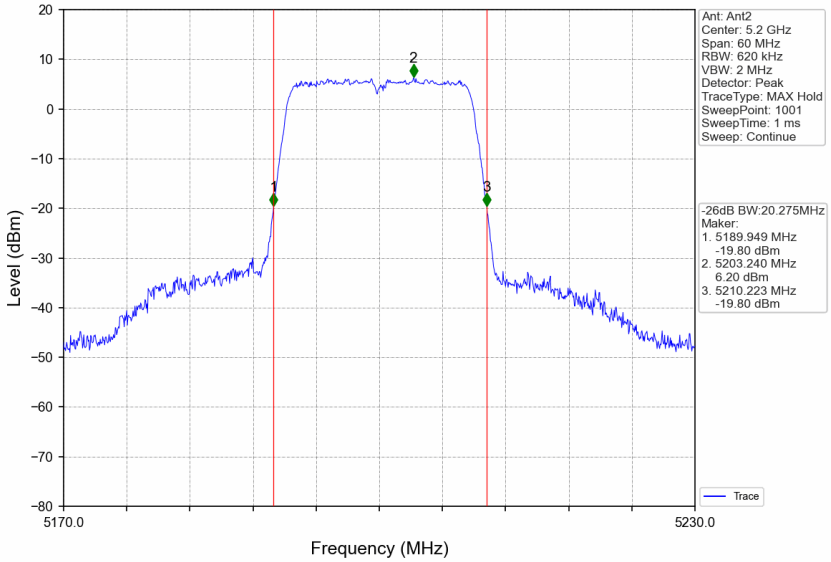
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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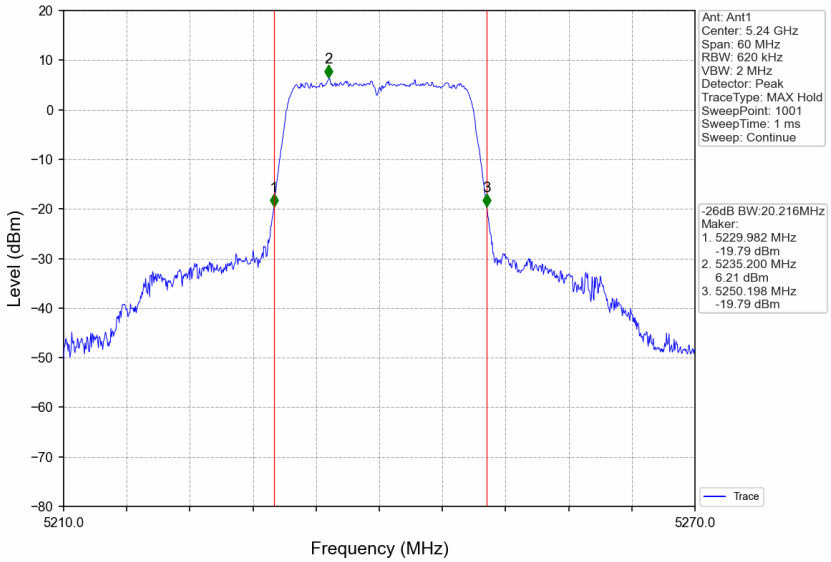
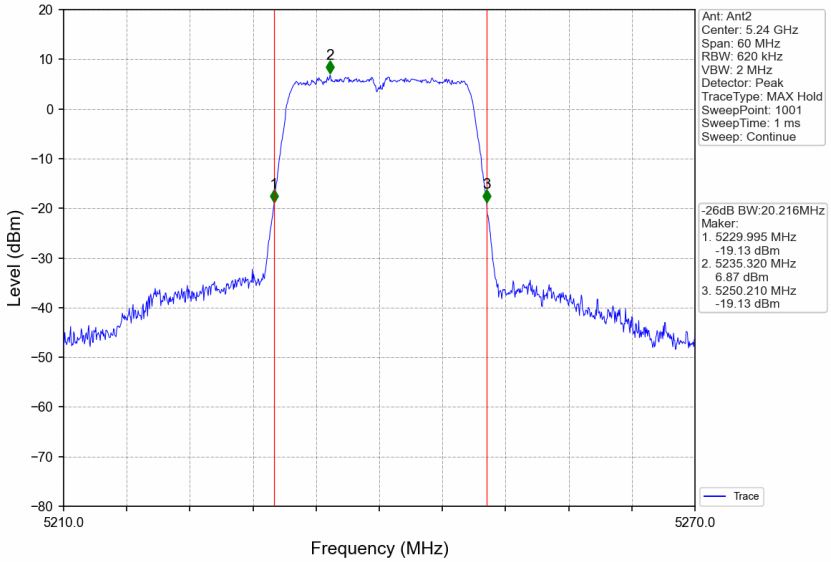
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



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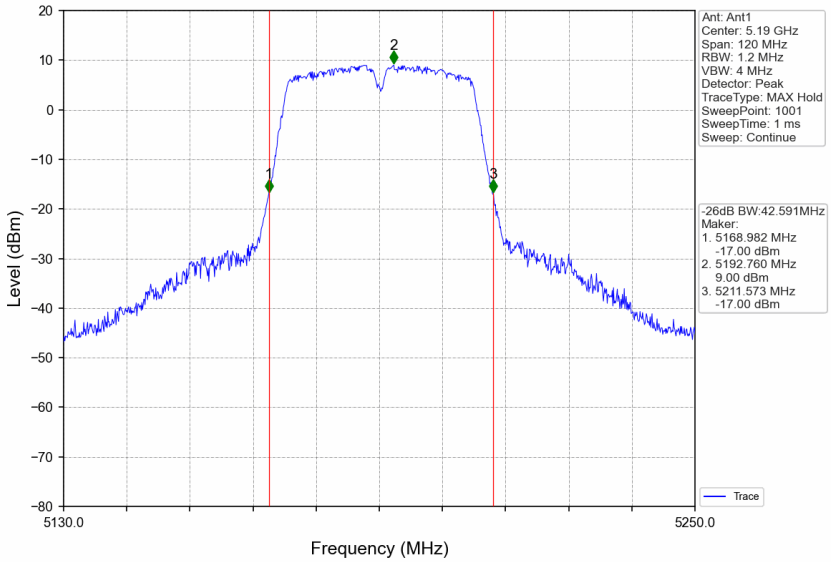
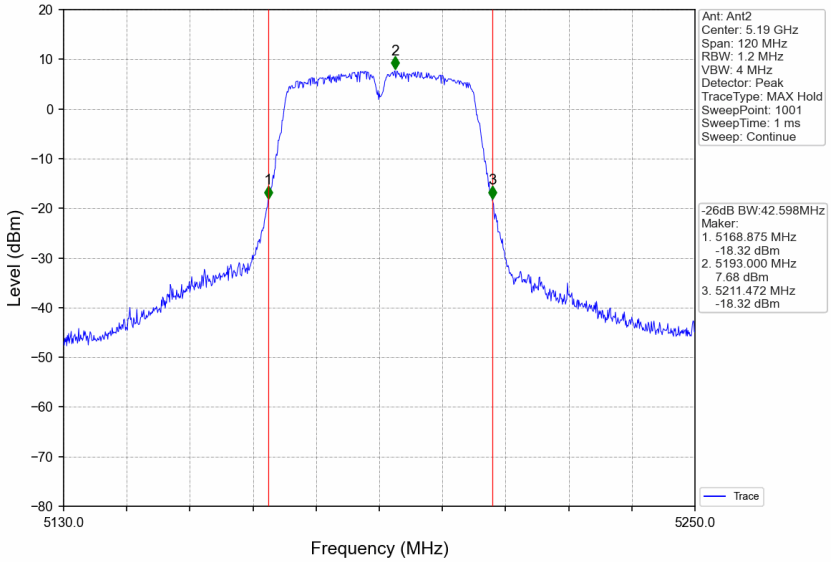
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



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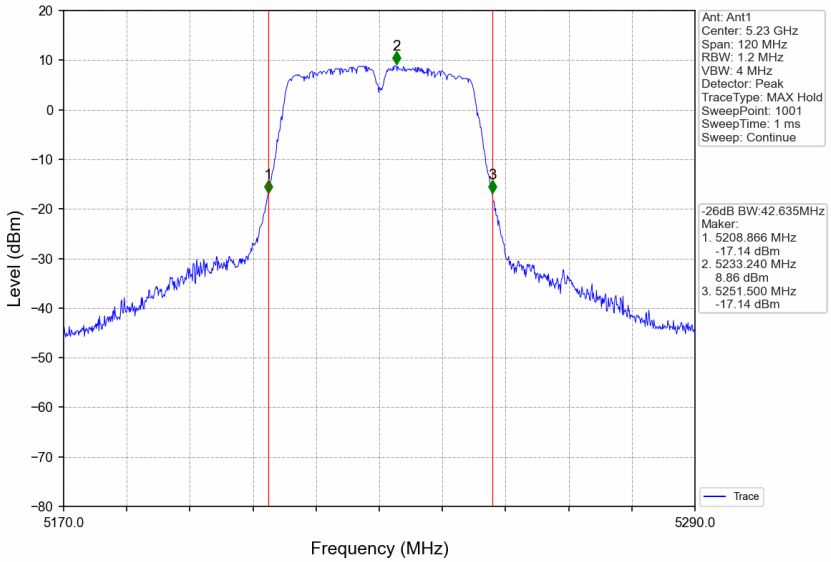
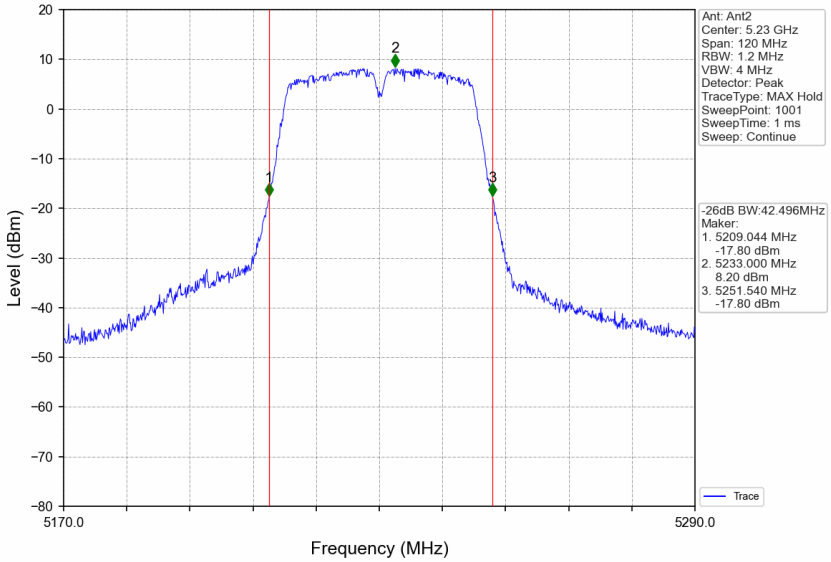
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



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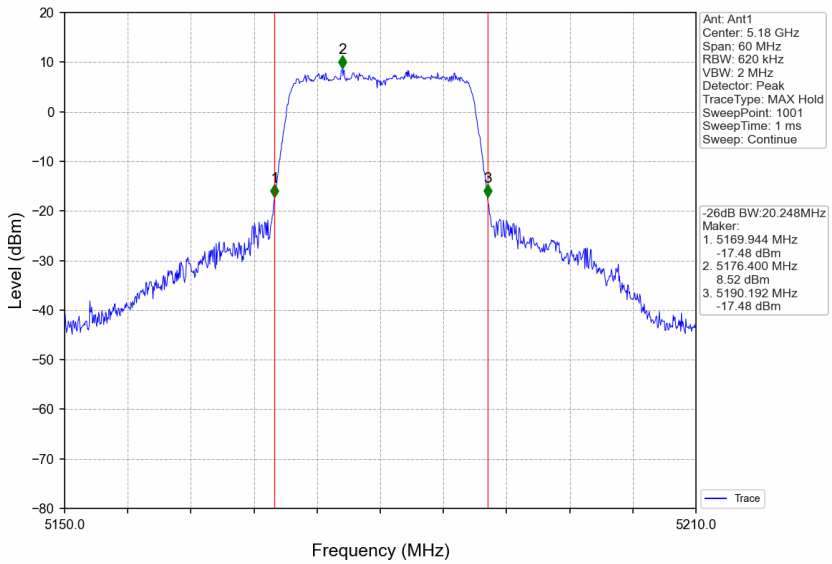
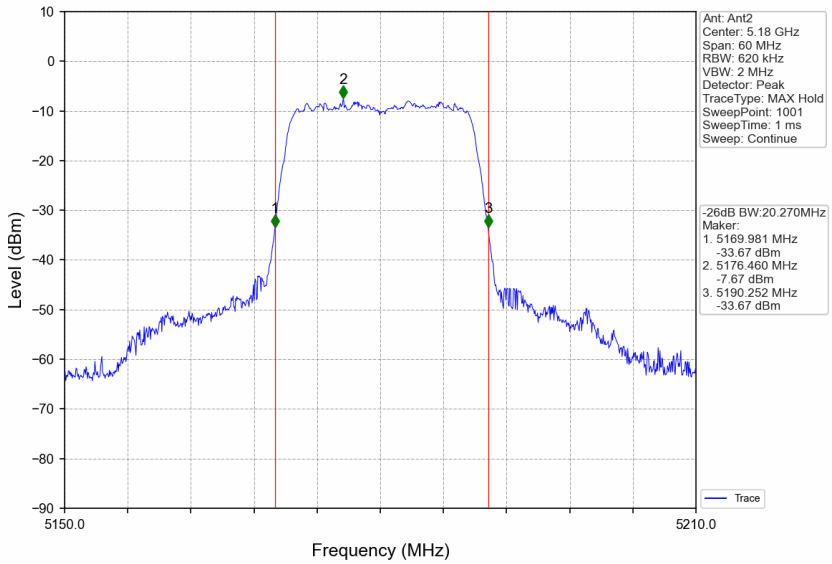
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



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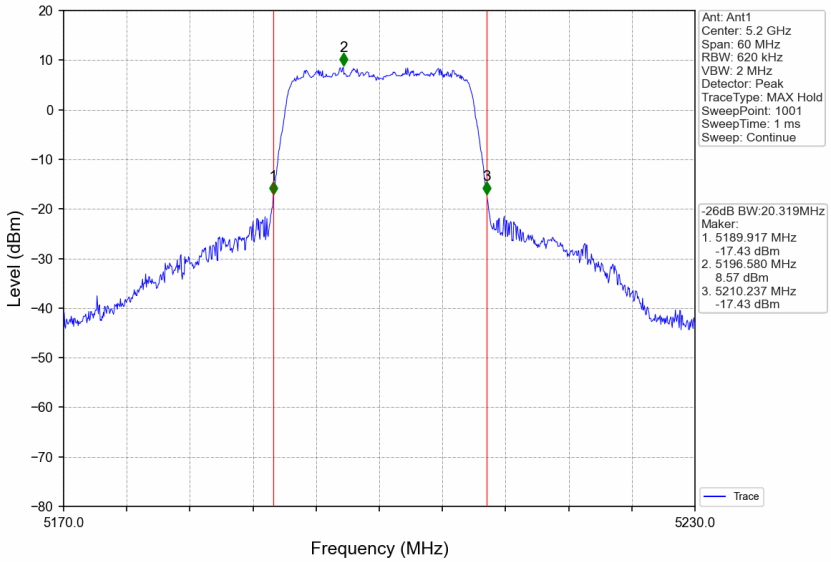
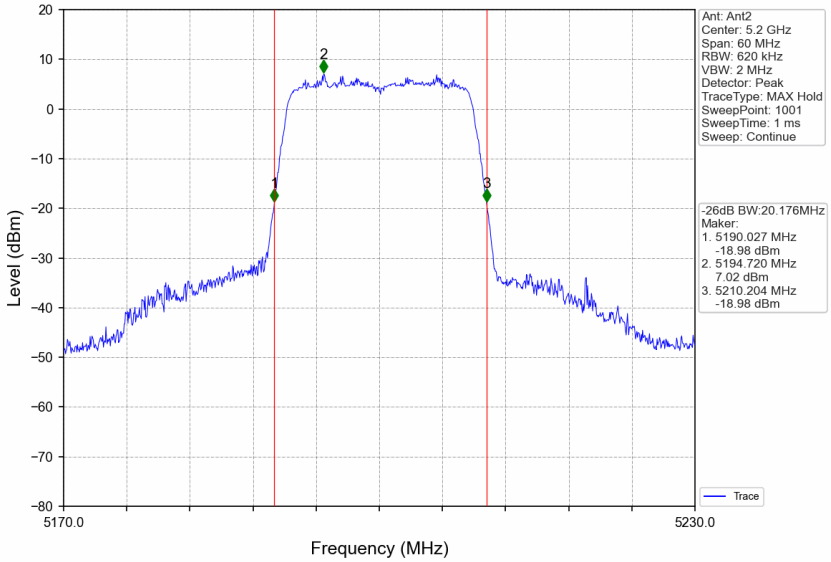
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



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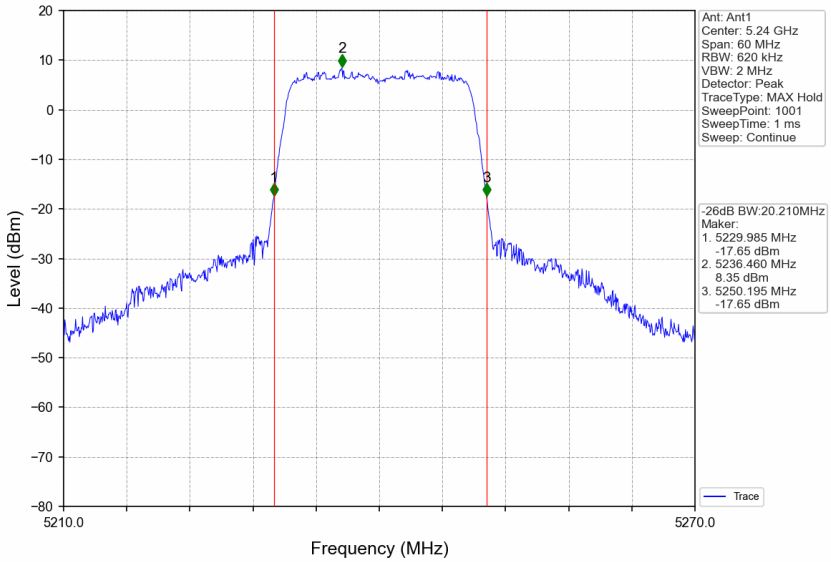
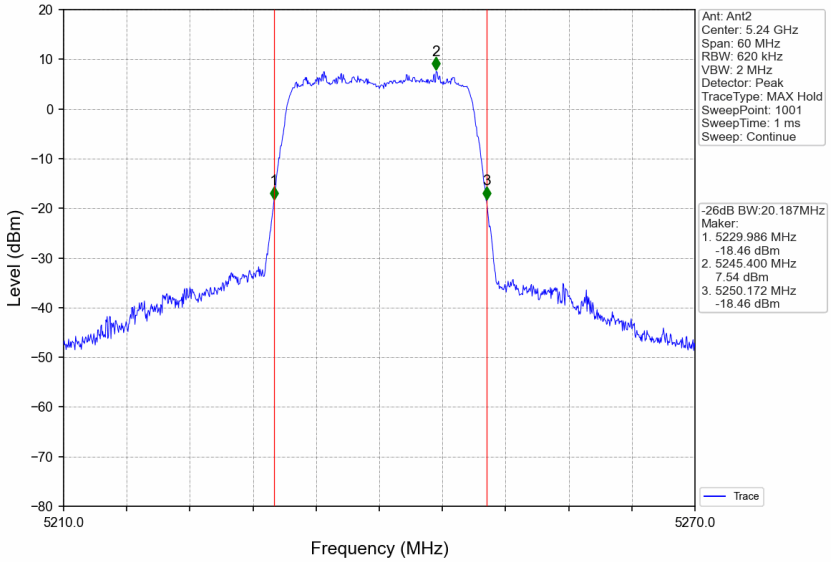
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



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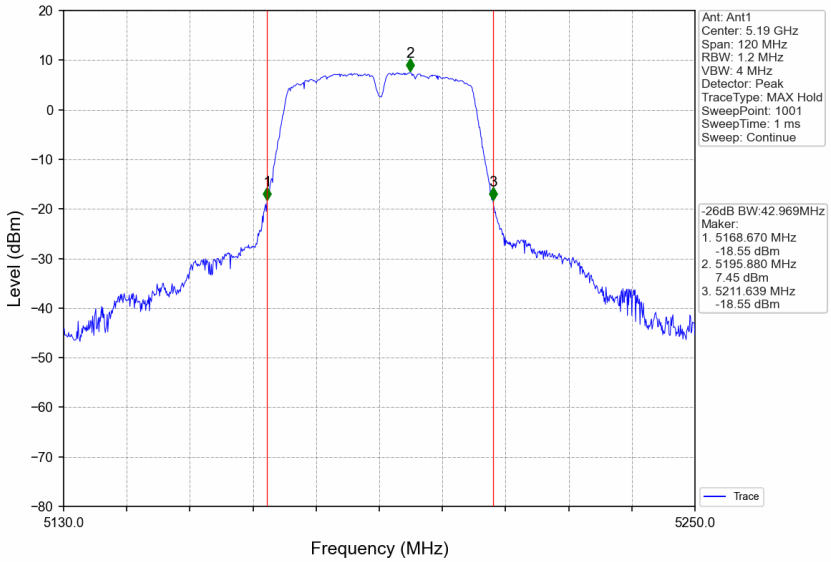
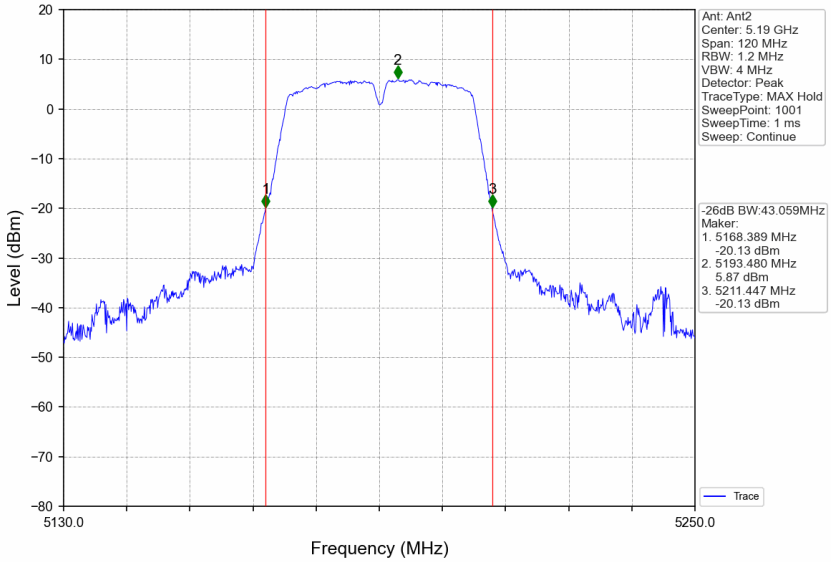
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



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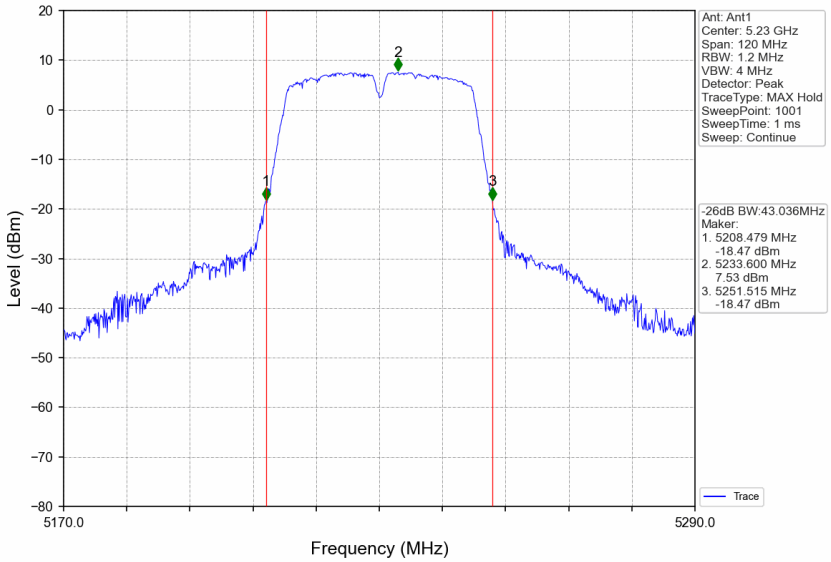
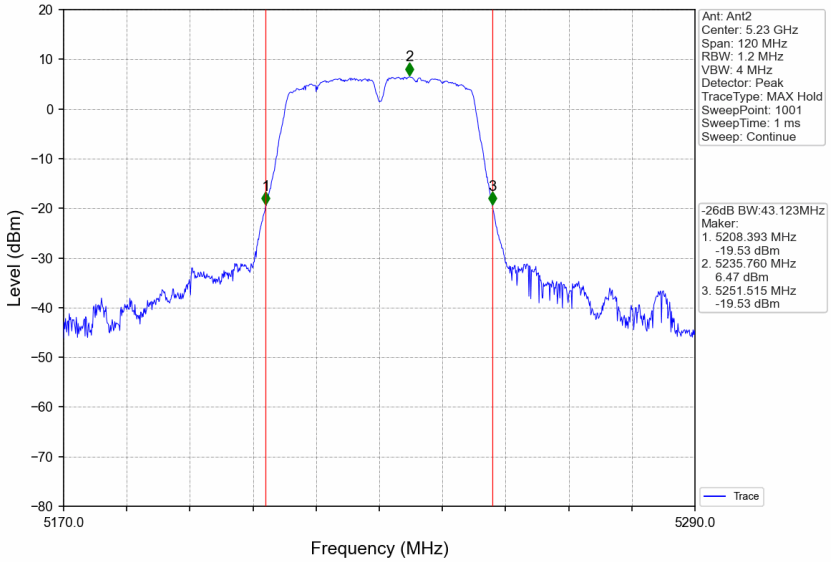
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



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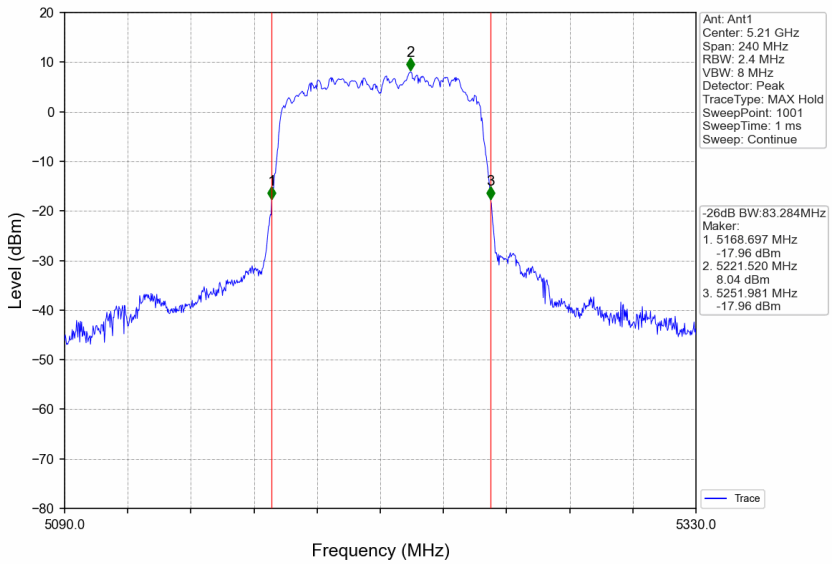
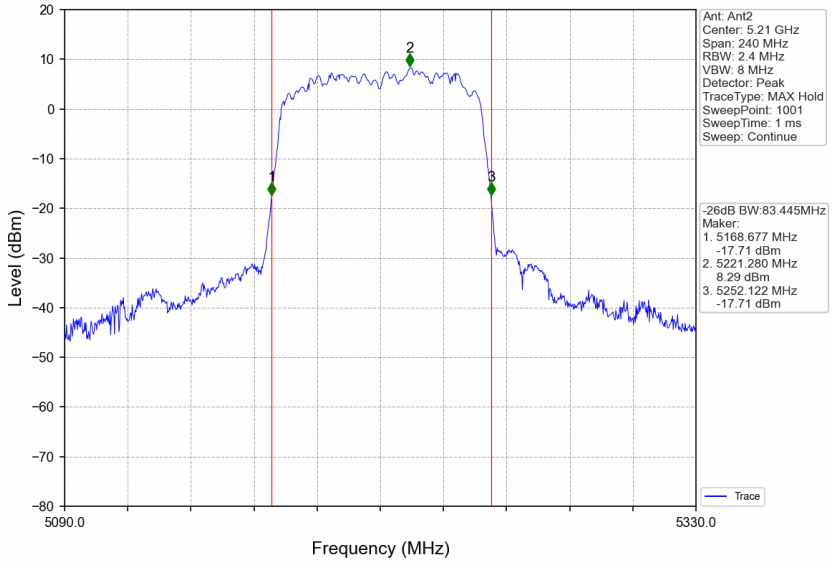
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	12.58	12.52	/	<=30.00	Pass
		5200	12.69	12.71	/	<=30.00	Pass
		5240	12.55	13.26	/	<=30.00	Pass
		5745	10.30	14.55	/	<=30.00	Pass
		5785	10.28	14.27	/	<=30.00	Pass
		5825	11.18	13.72	/	<=30.00	Pass
802.11n (HT20)	MIMO	5180	12.12	12.53	15.34	<=30.00	Pass
		5200	12.50	12.74	15.63	<=30.00	Pass
		5240	12.47	13.15	15.83	<=30.00	Pass
		5745	10.15	14.55	15.90	<=30.00	Pass
		5785	10.11	14.29	15.69	<=30.00	Pass
		5825	10.66	13.54	15.34	<=30.00	Pass
802.11n (HT40)	MIMO	5190	13.89	12.48	16.25	<=30.00	Pass
		5230	13.84	13.08	16.49	<=30.00	Pass
		5755	10.31	14.58	15.96	<=30.00	Pass
		5795	10.27	13.65	15.29	<=30.00	Pass
802.11ac (VHT20)	MIMO	5180	12.96	12.05	15.54	<=30.00	Pass
		5200	12.93	12.30	15.64	<=30.00	Pass
		5240	12.76	12.88	15.83	<=30.00	Pass
		5745	9.18	14.06	15.28	<=30.00	Pass
		5785	9.12	13.81	15.08	<=30.00	Pass
		5825	9.93	13.24	14.90	<=30.00	Pass
802.11ac (VHT40)	MIMO	5190	12.45	10.84	14.73	<=30.00	Pass
		5230	12.49	11.29	14.94	<=30.00	Pass
		5755	8.91	13.13	14.52	<=30.00	Pass
		5795	8.66	12.57	14.05	<=30.00	Pass
802.11ac (VHT80)	MIMO	5210	10.70	11.01	13.87	<=30.00	Pass
		5775	12.49	12.72	15.62	<=30.00	Pass
Note1: Antenna Gain: Ant1: 1.97dBi; Ant2: 1.89dBi; Note2: Directional Gain: 4.94dBi.							

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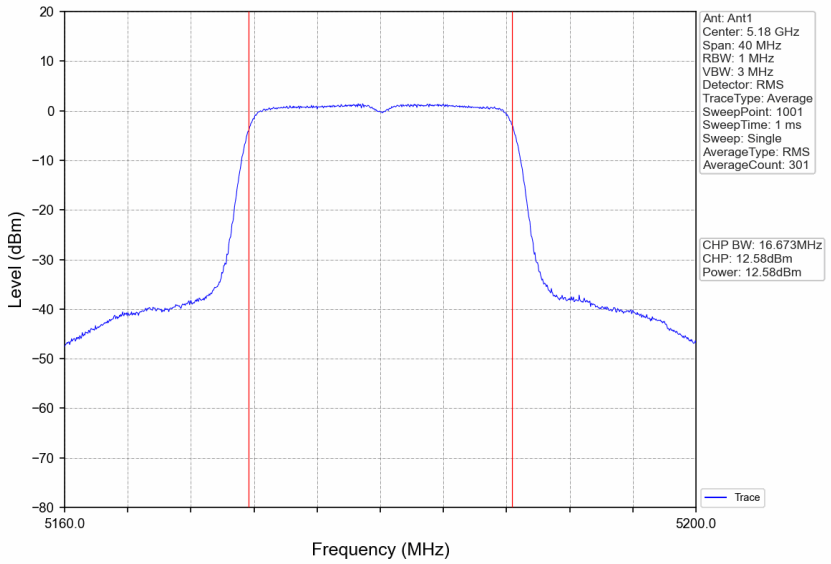
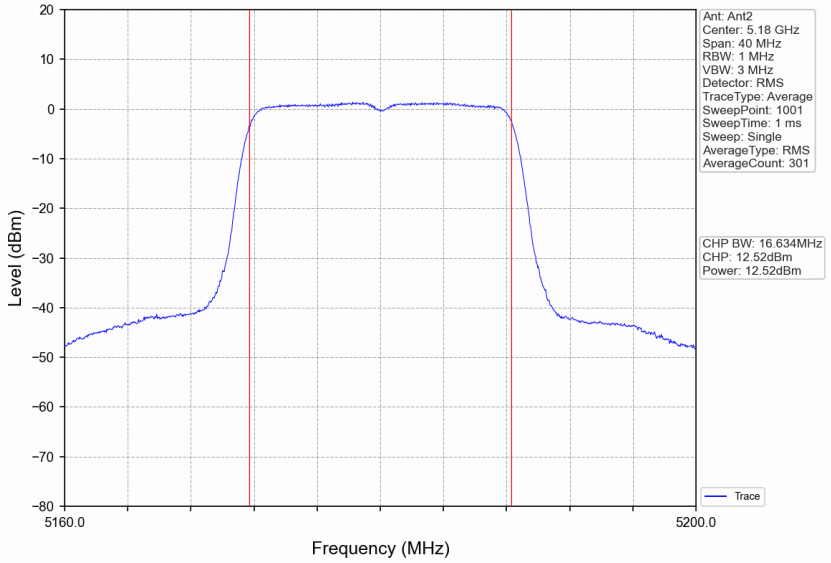
3.1.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV



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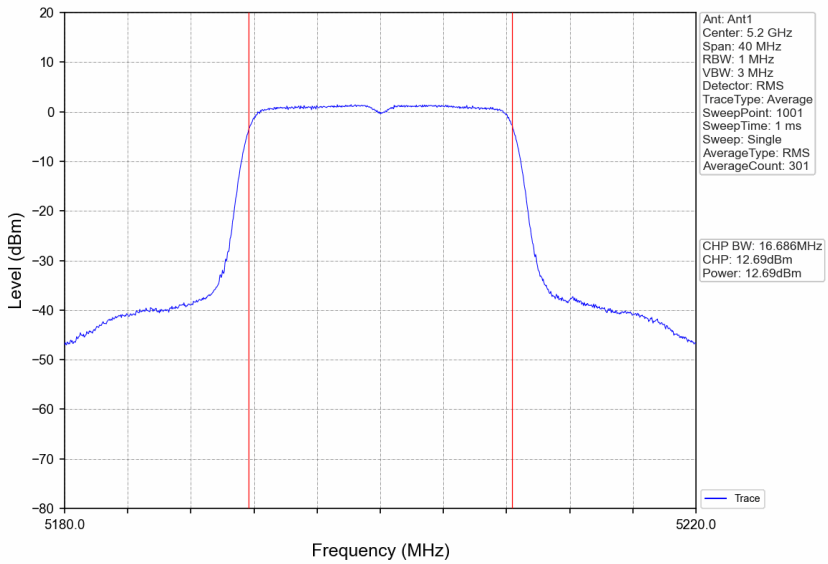
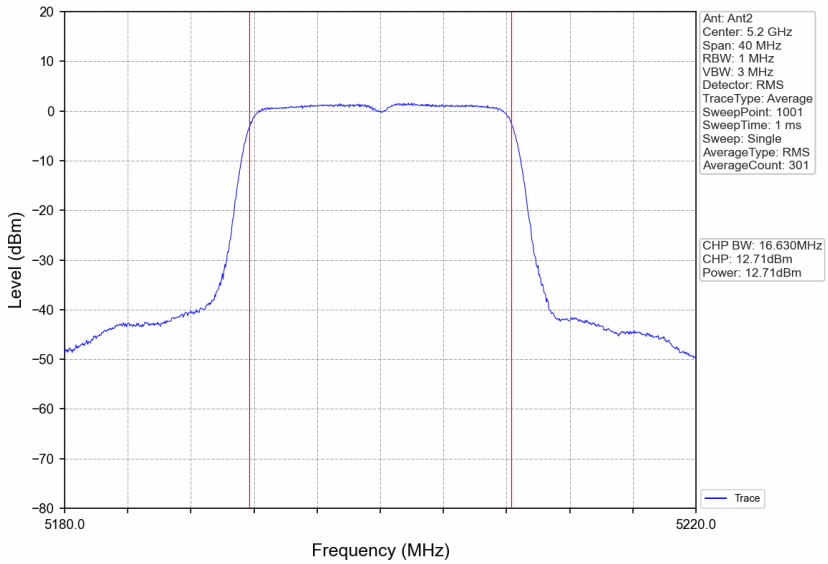
802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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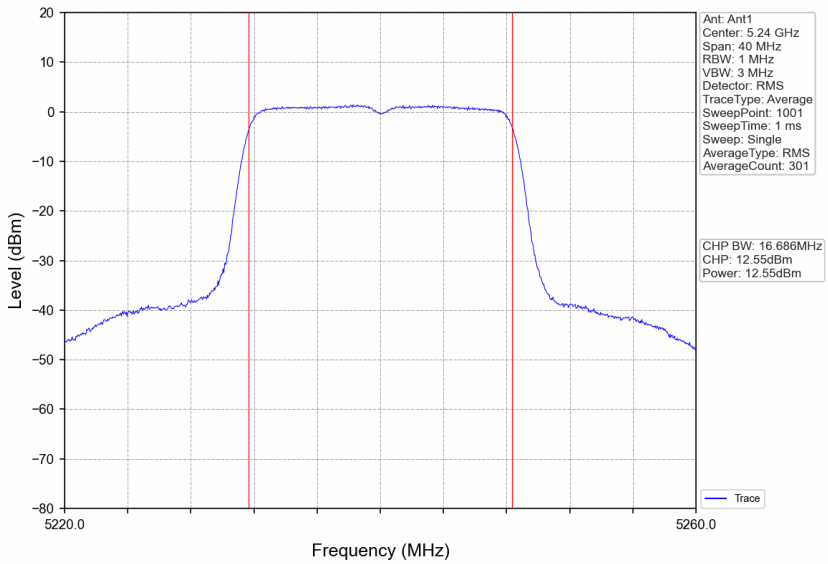
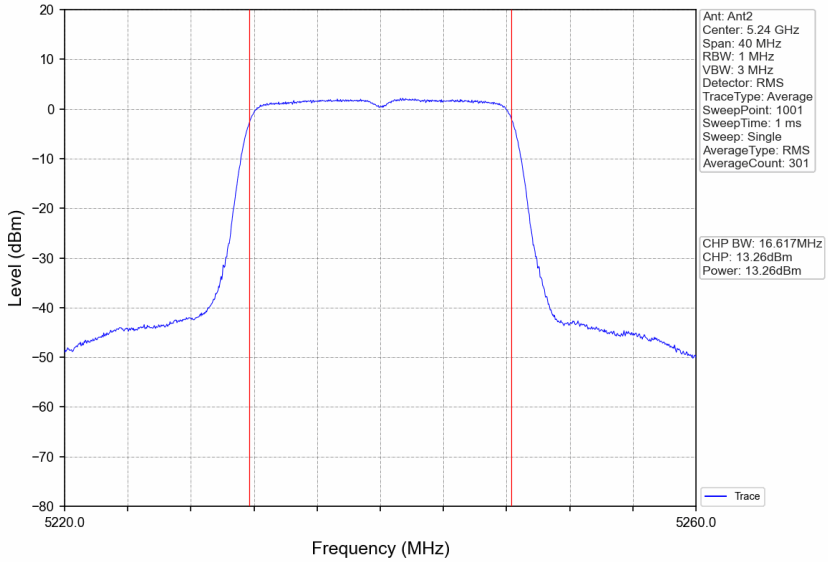
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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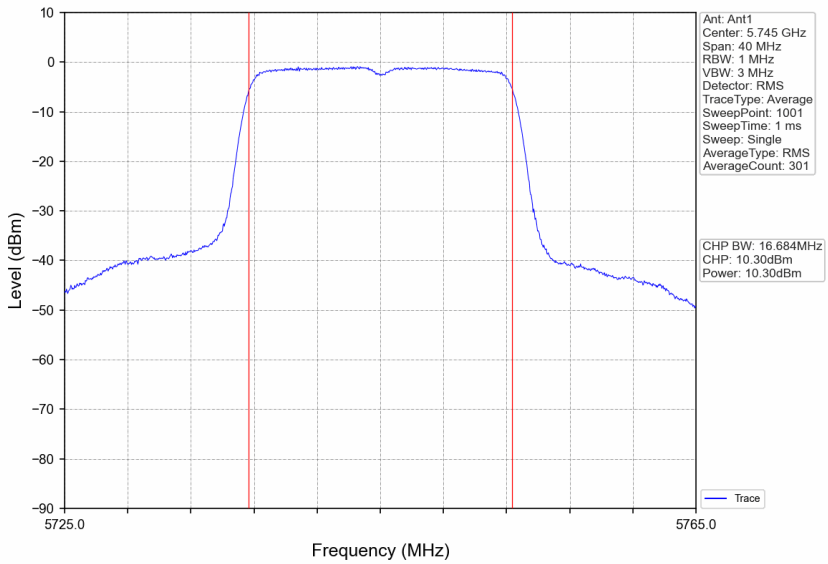
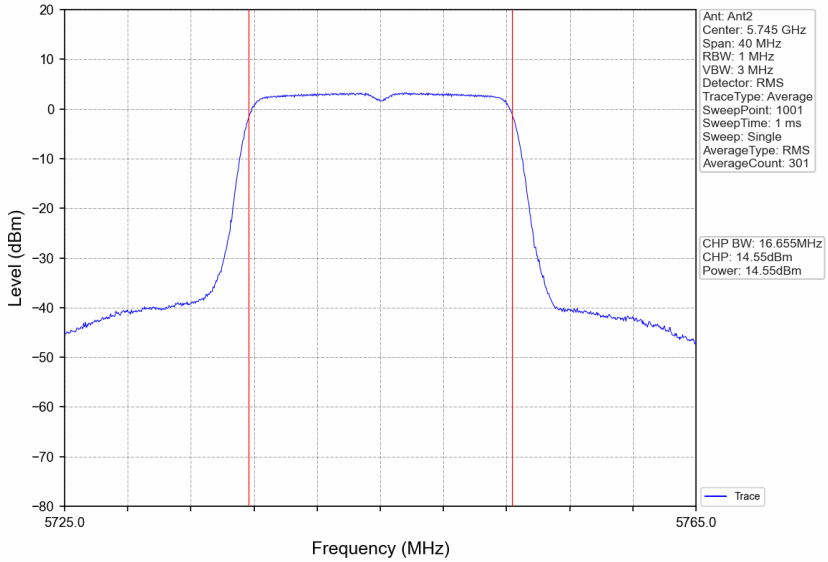
802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant2_NTNV



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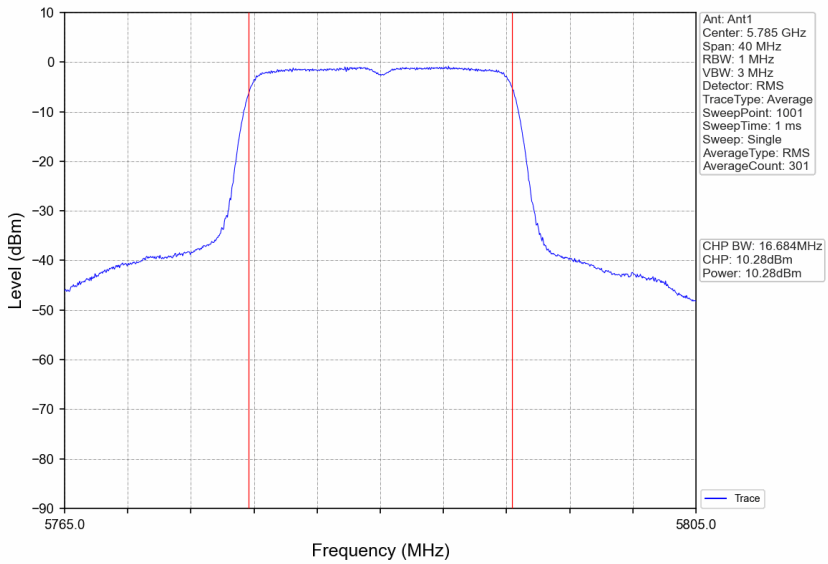
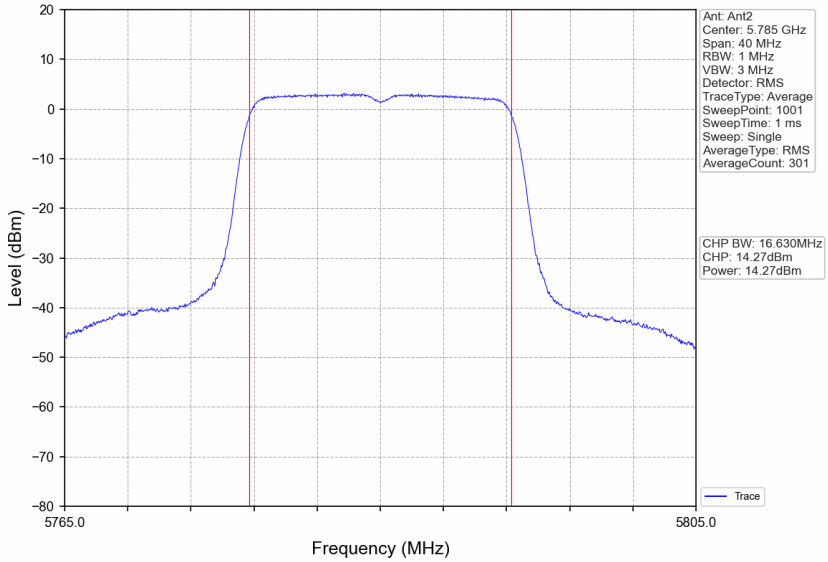
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



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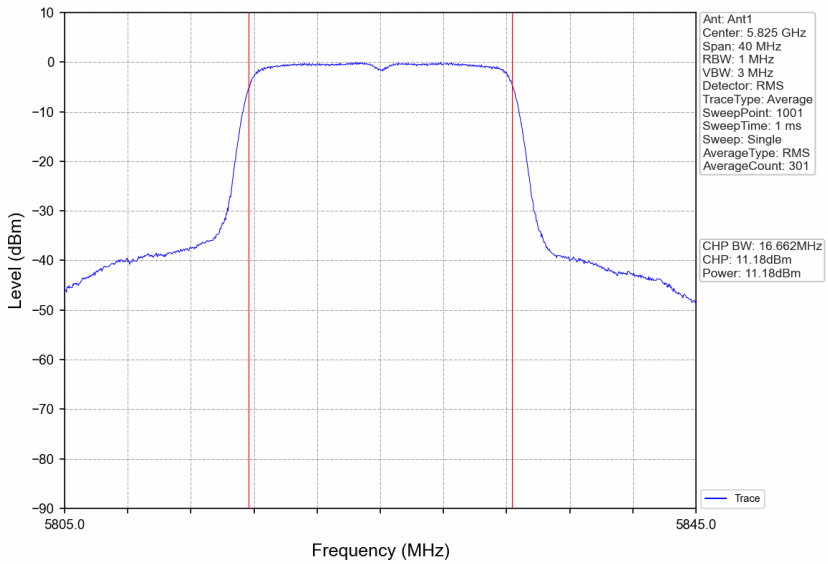
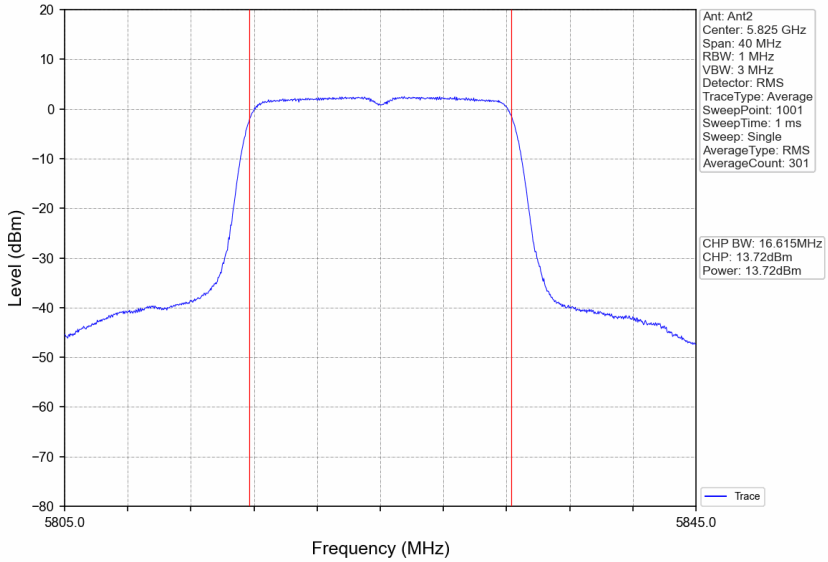
802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



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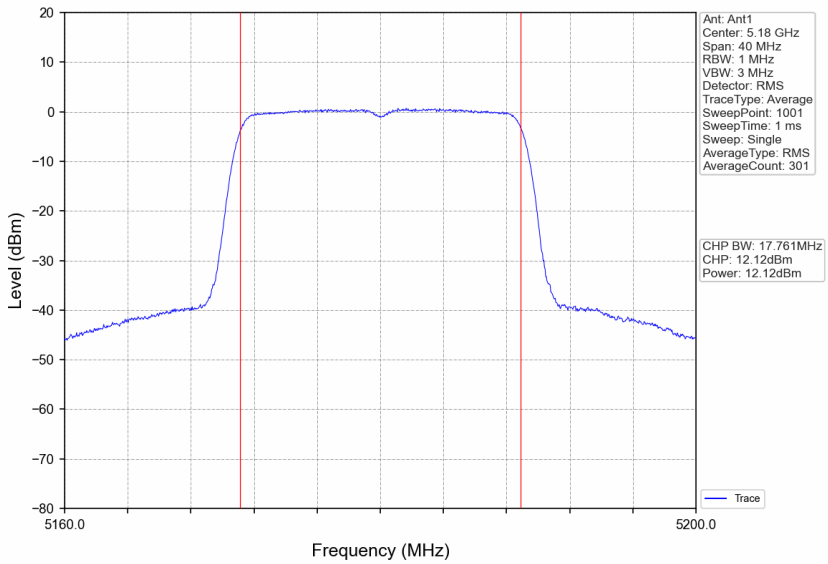
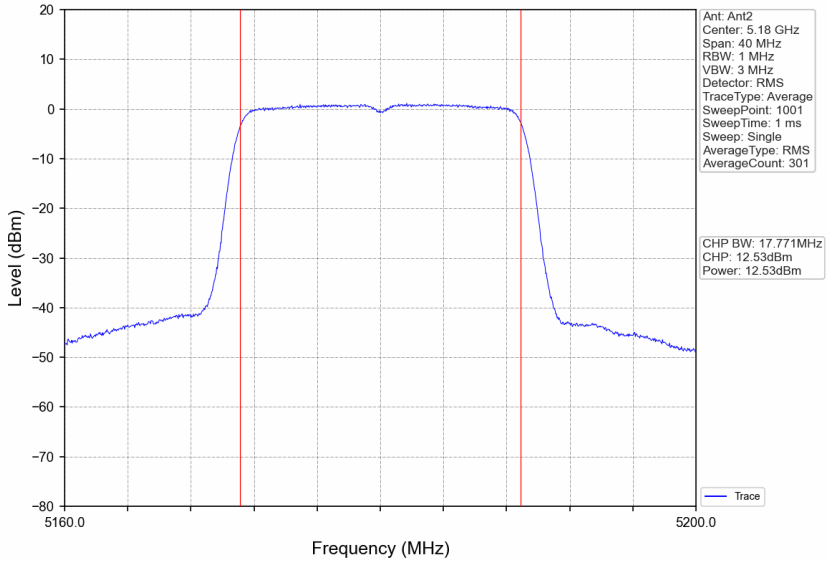
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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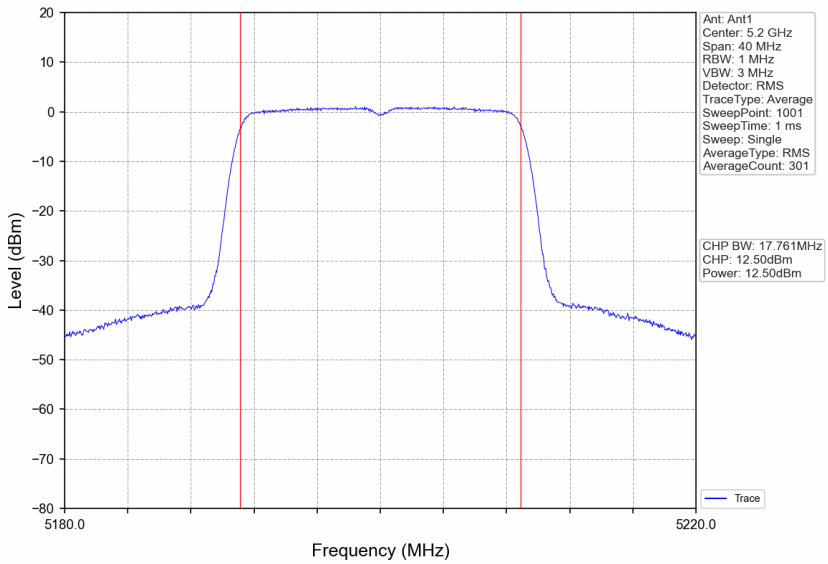
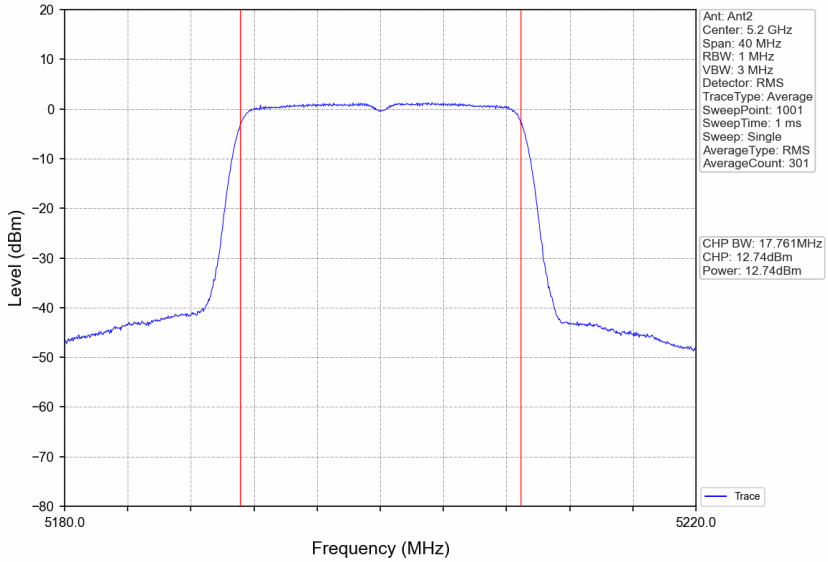
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



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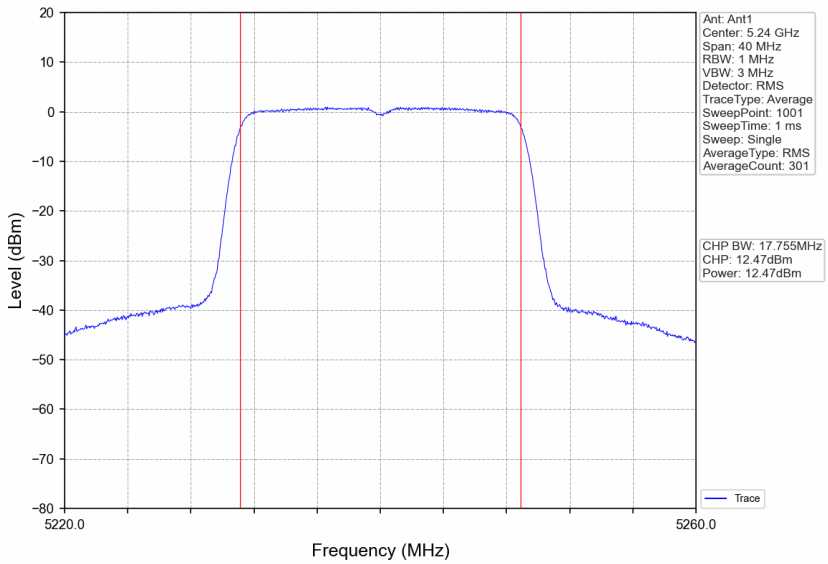
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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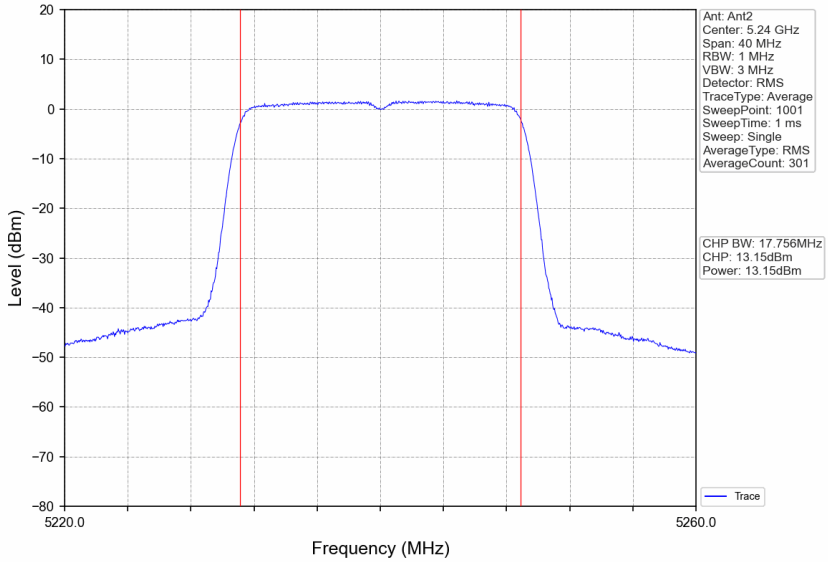

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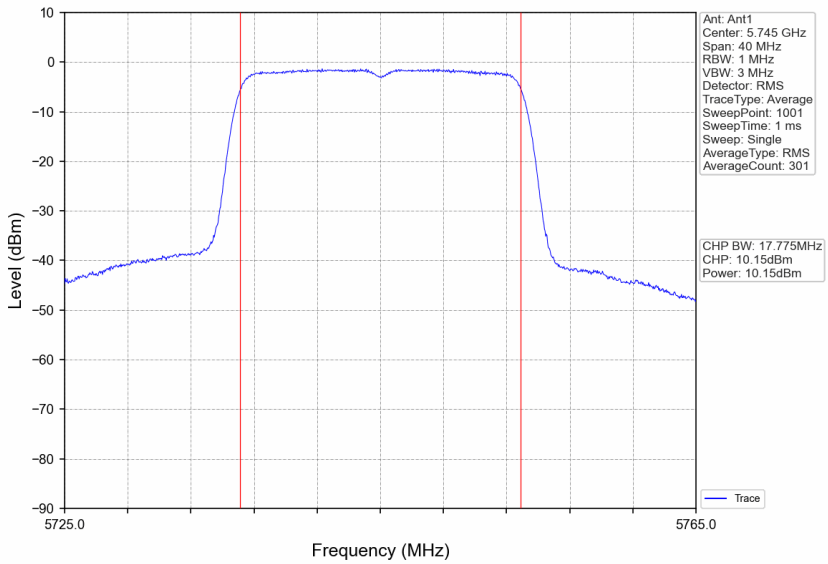
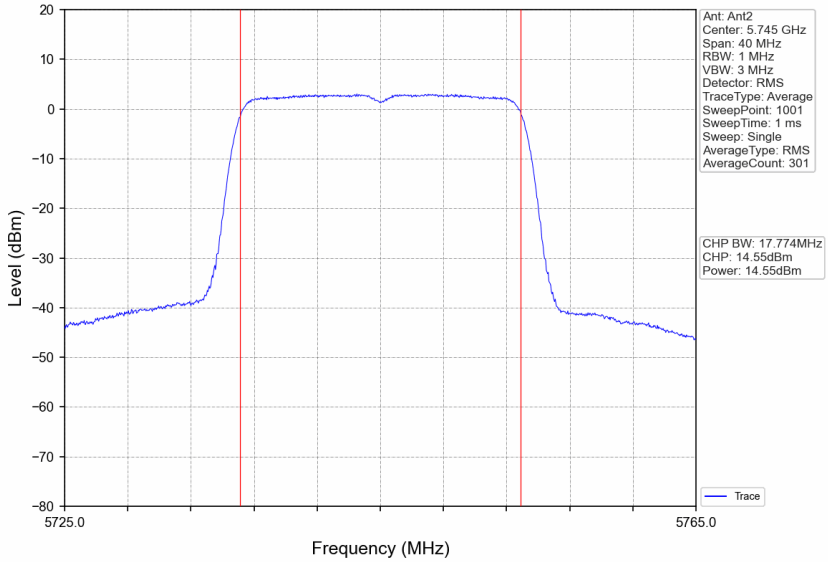
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



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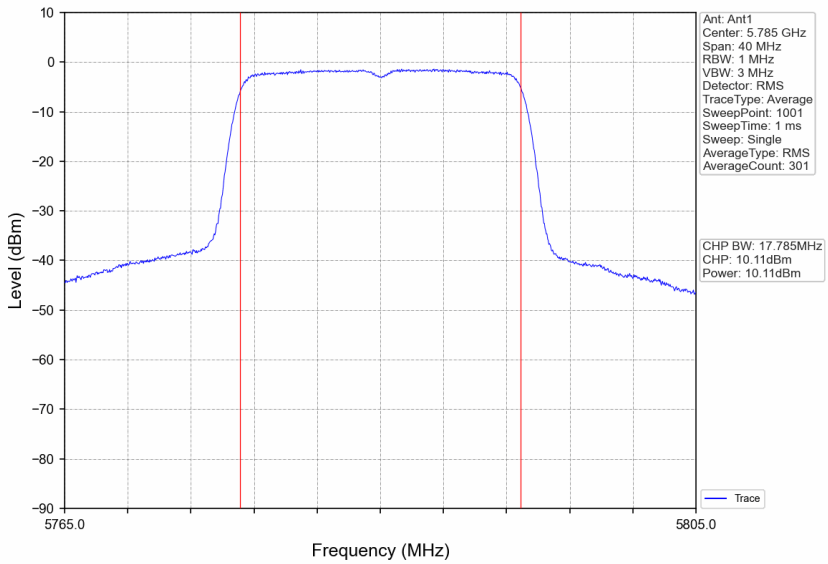
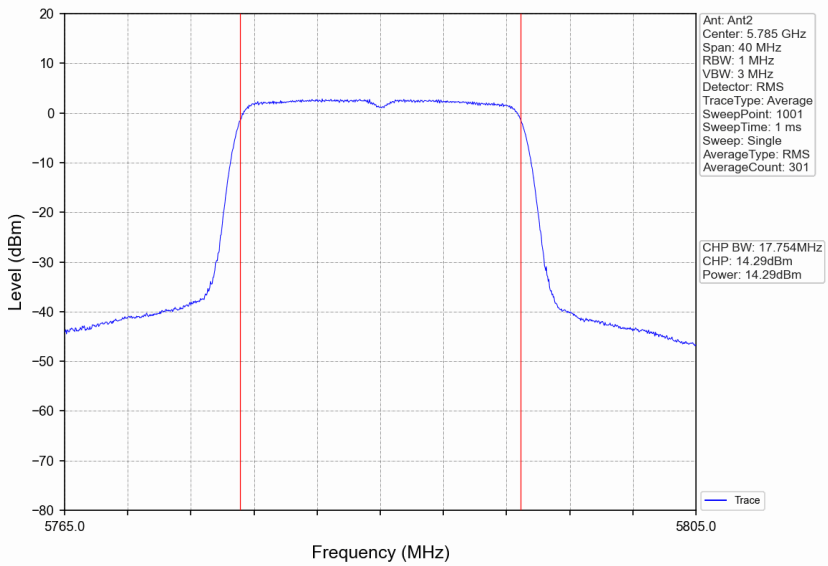
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



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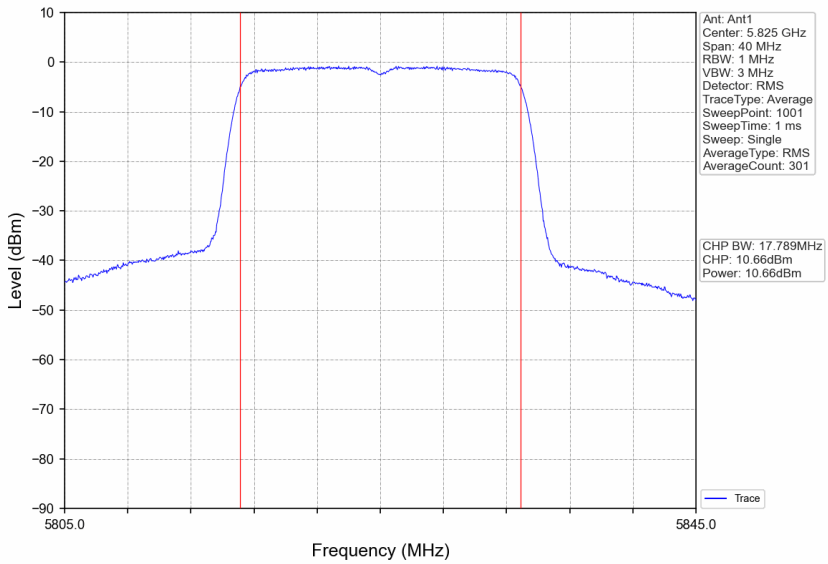
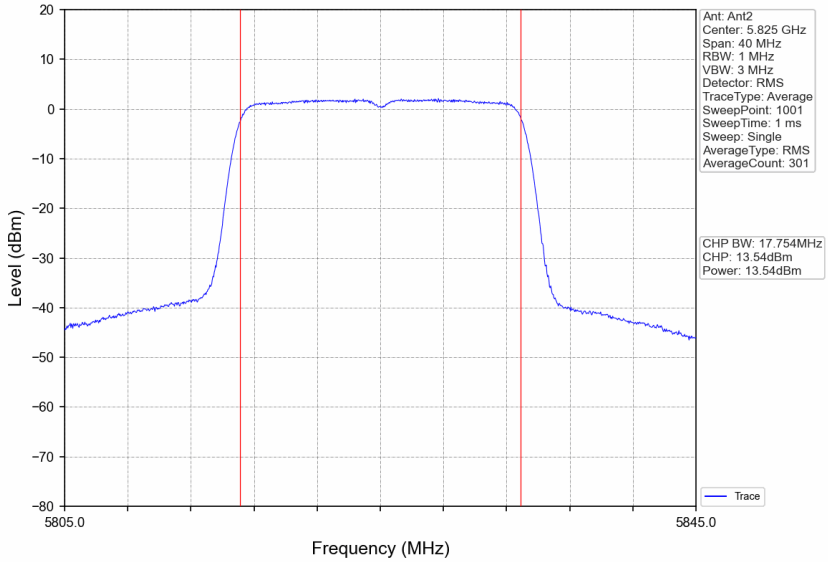
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



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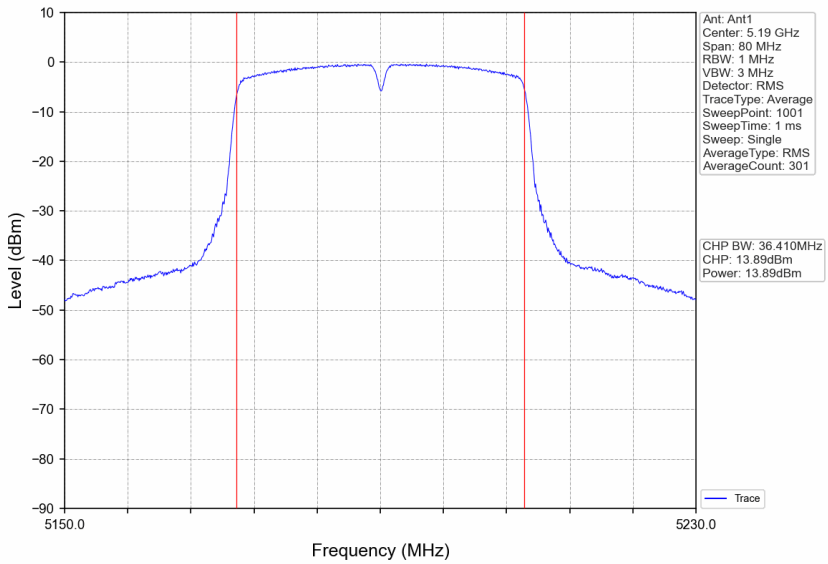
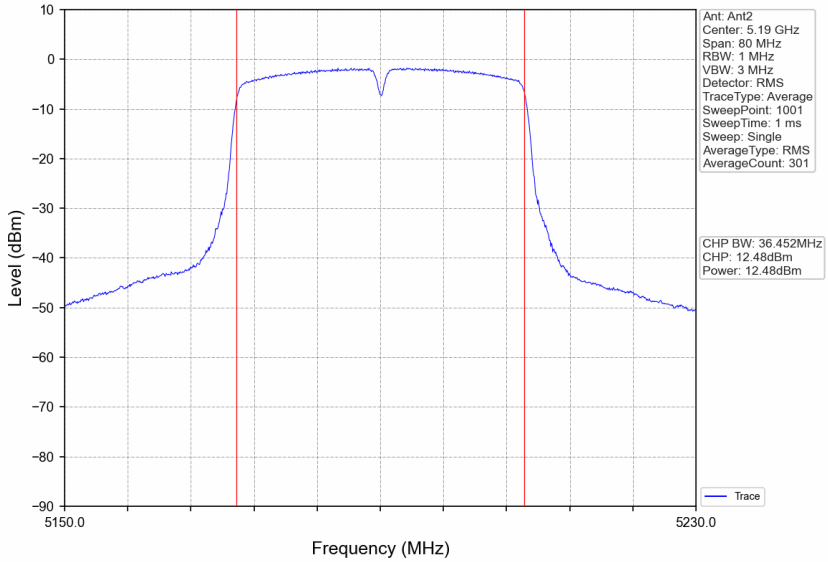
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



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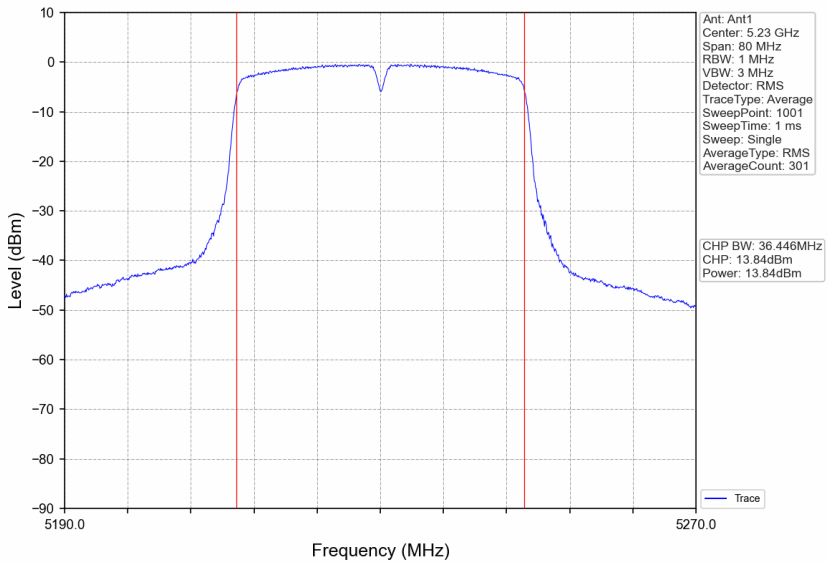
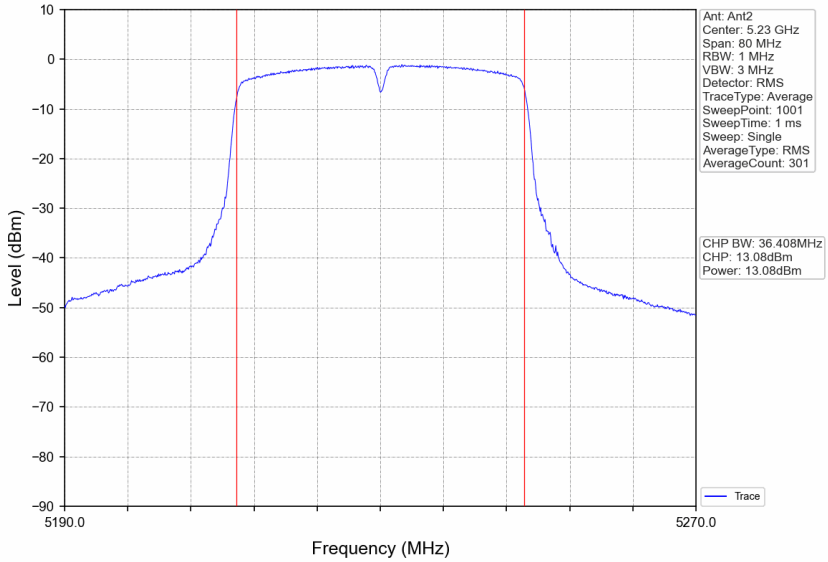
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



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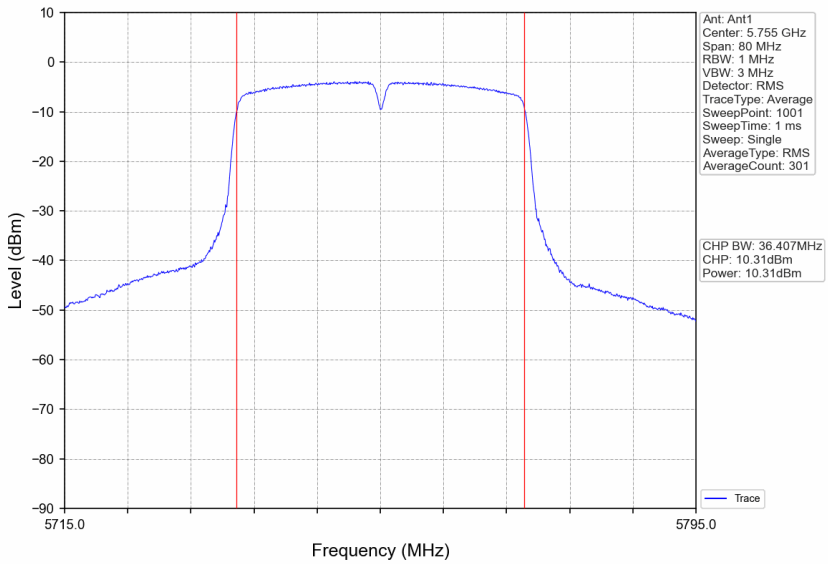
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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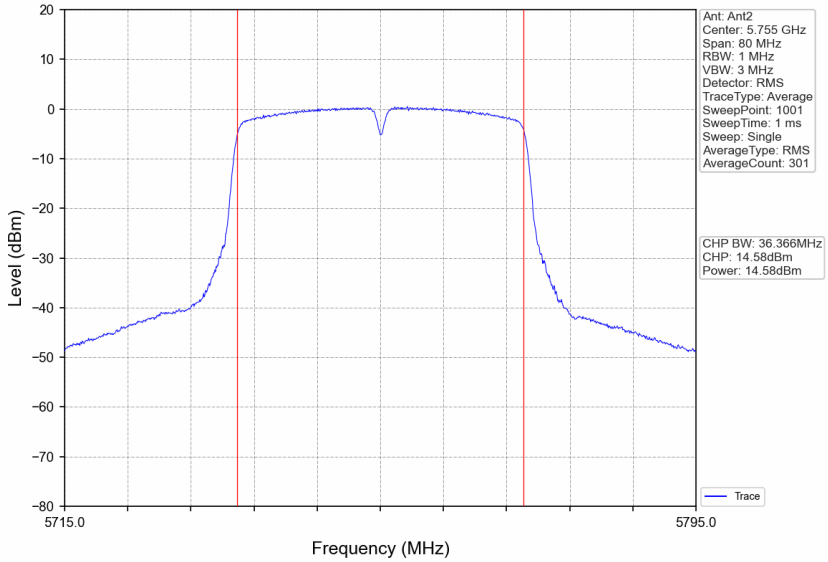

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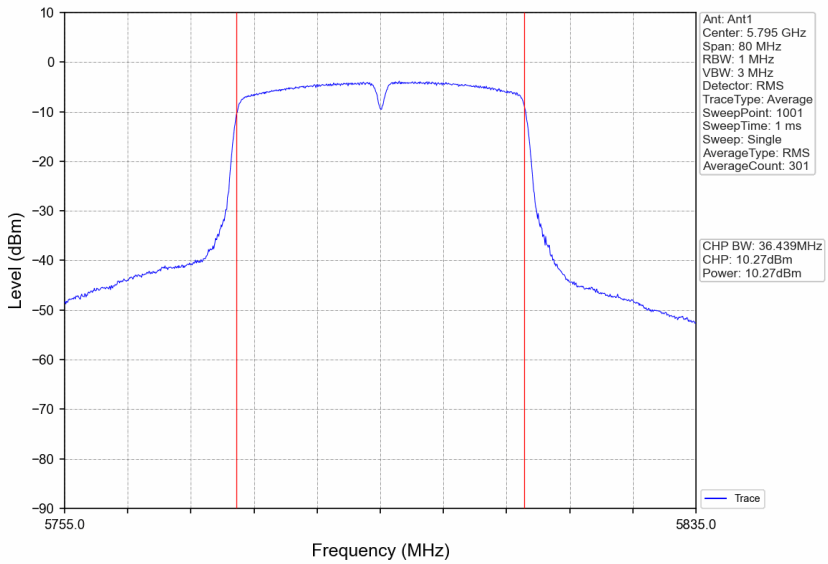
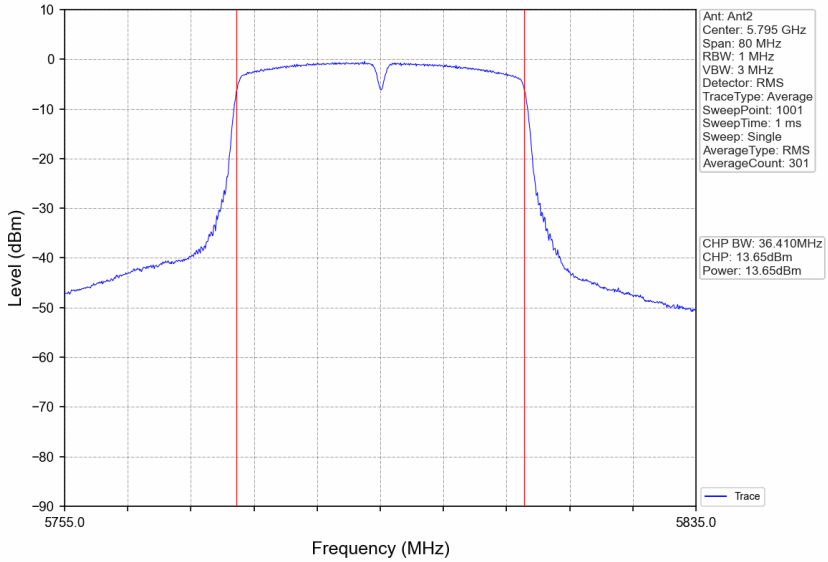
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



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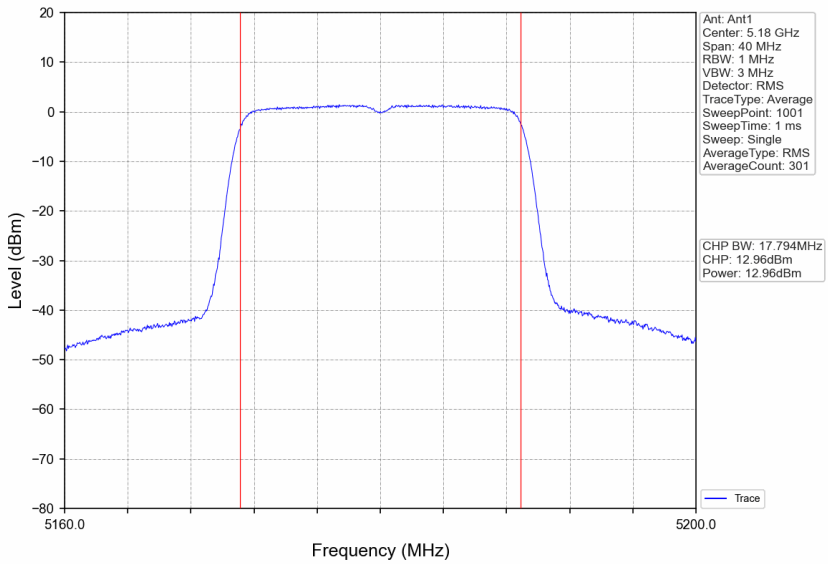
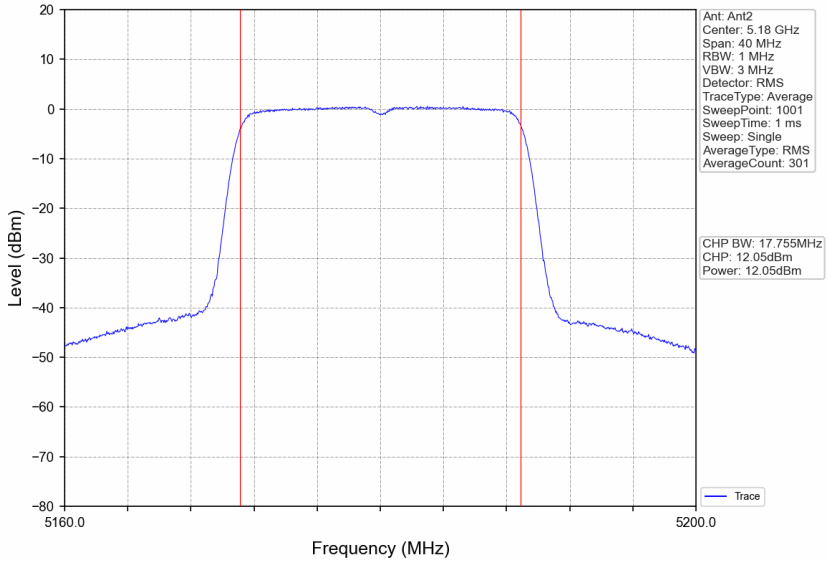
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



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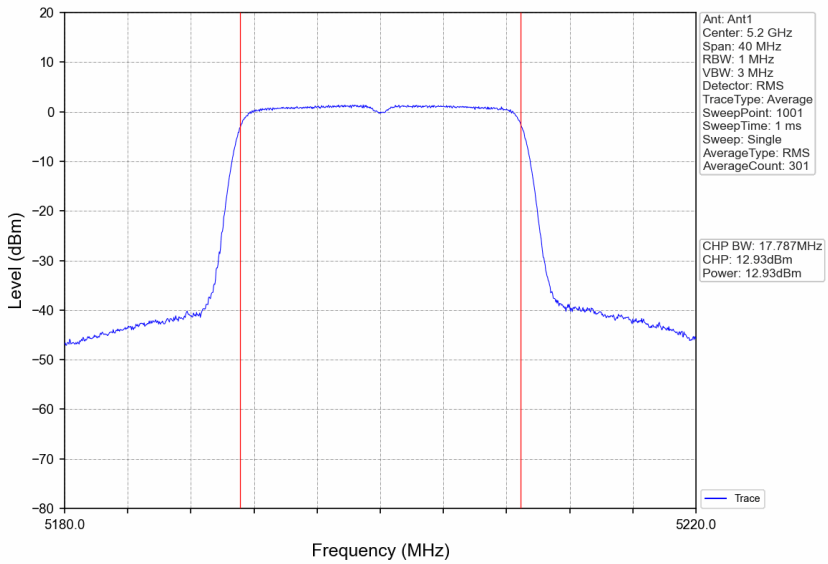
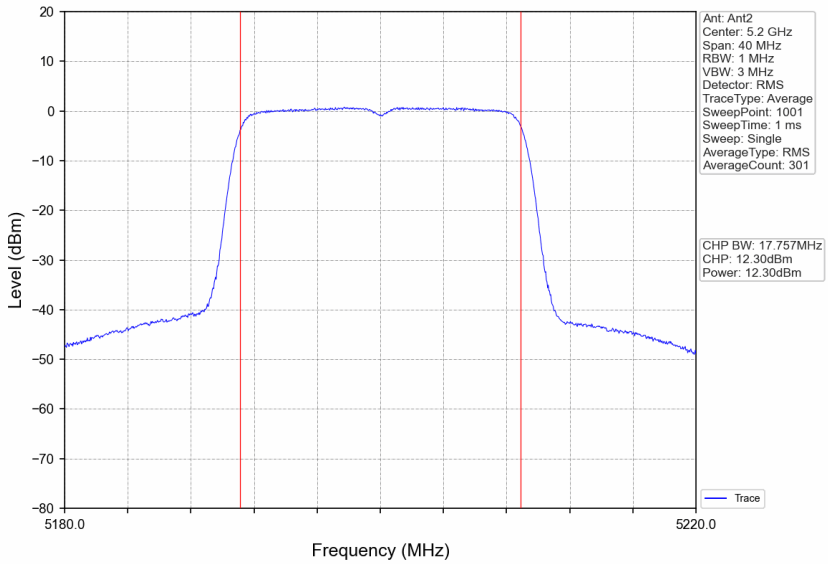
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



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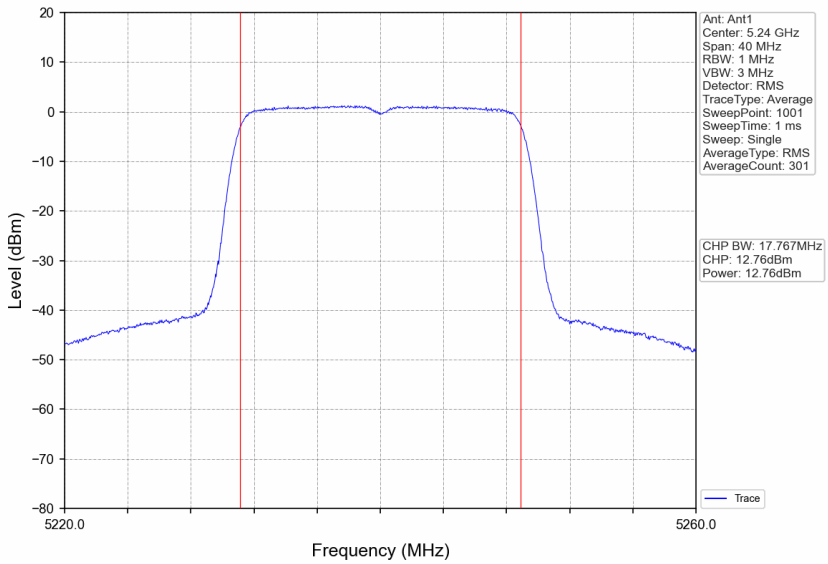
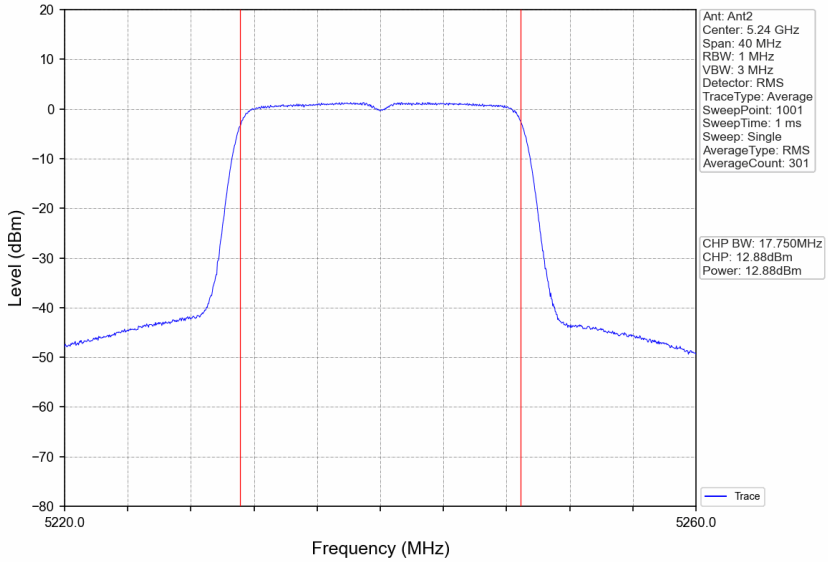
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



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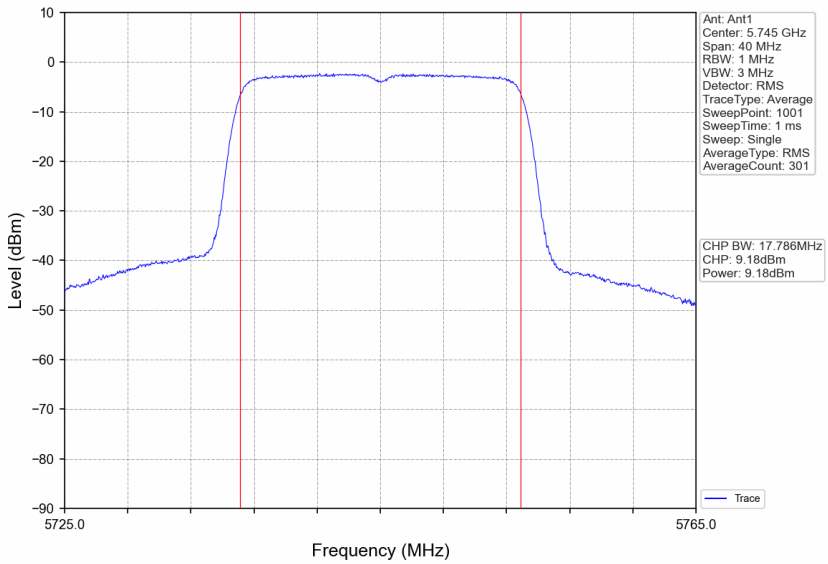
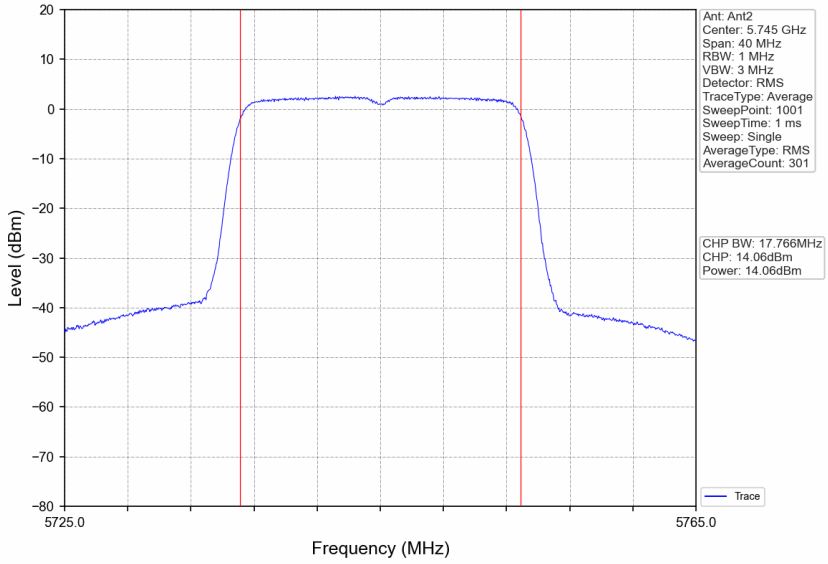
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



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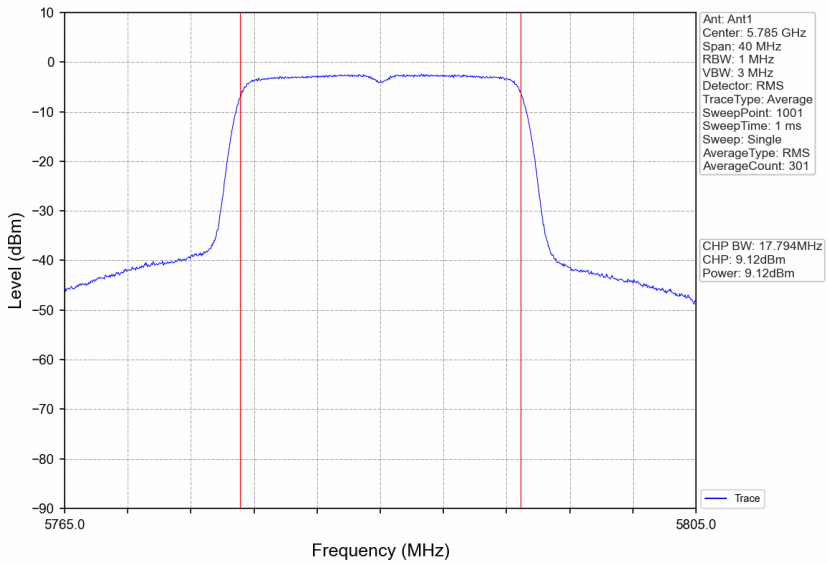
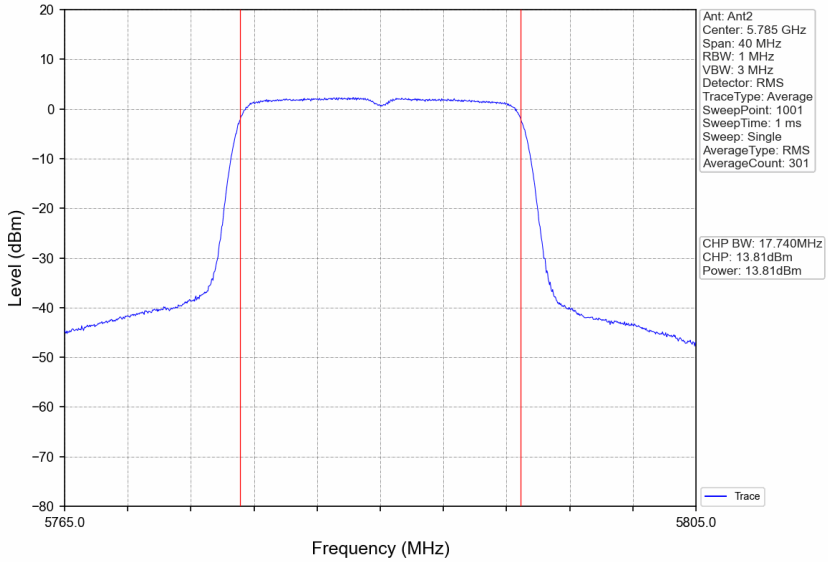
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



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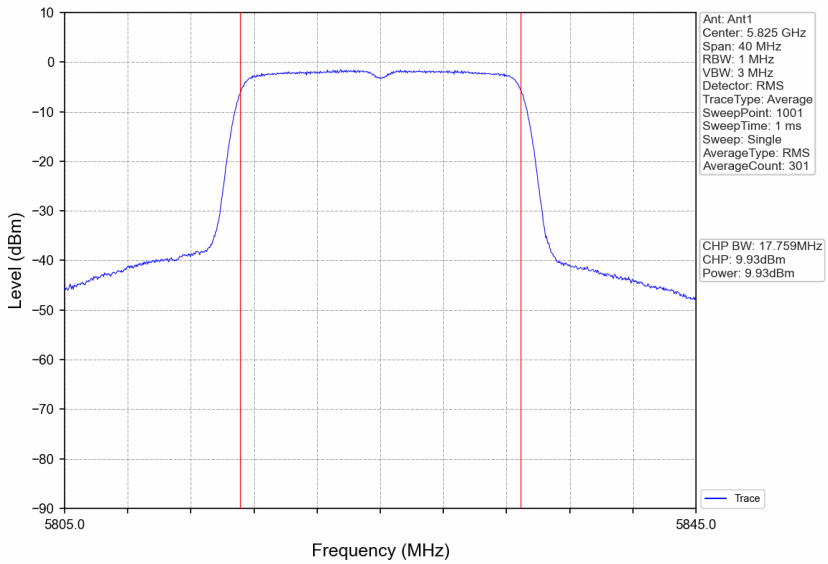
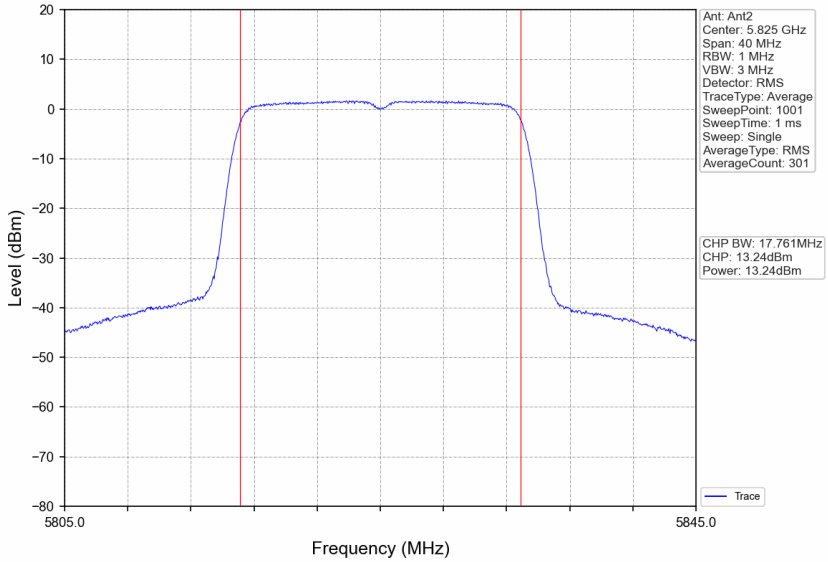
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



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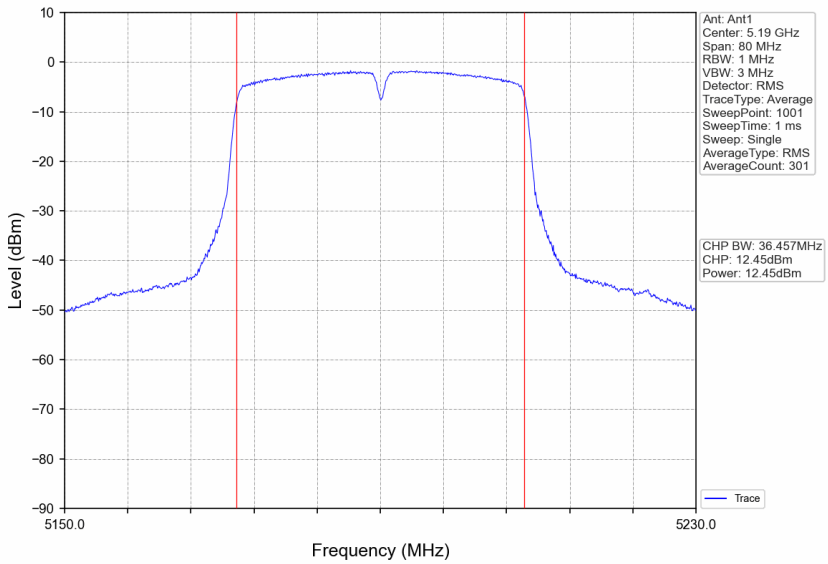
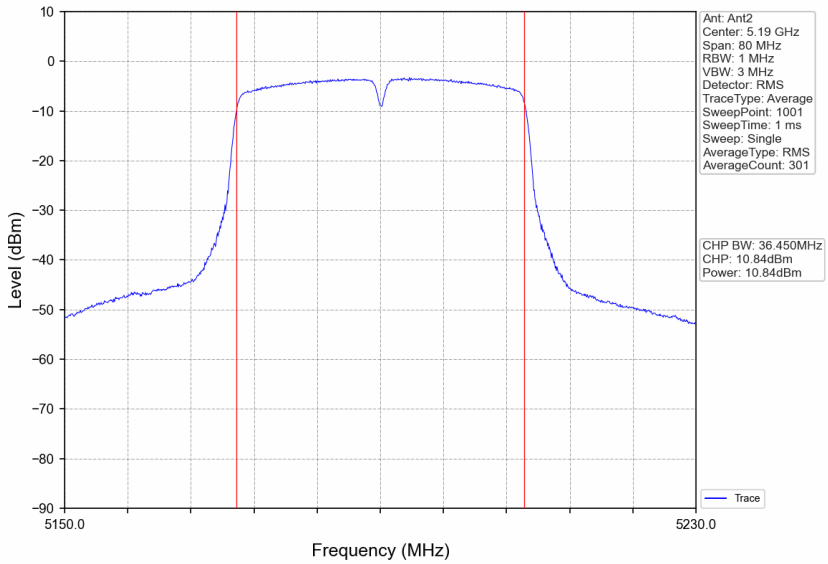
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



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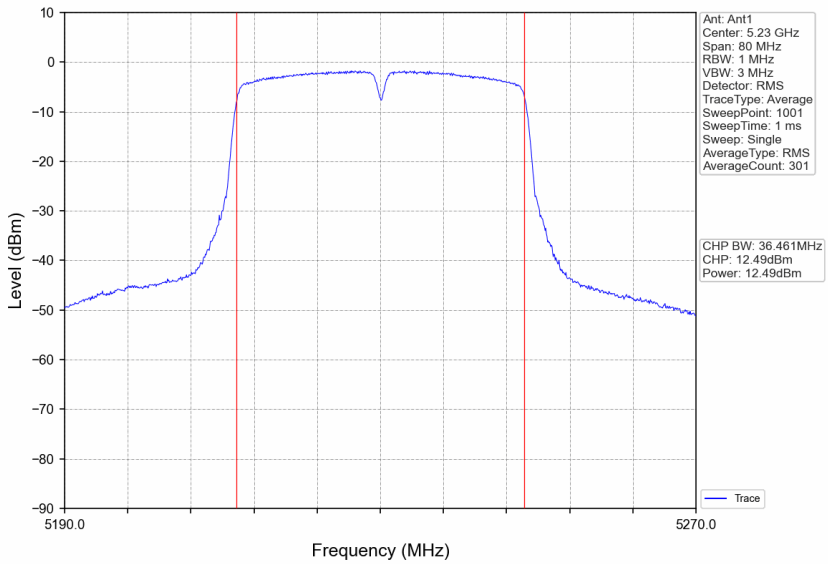
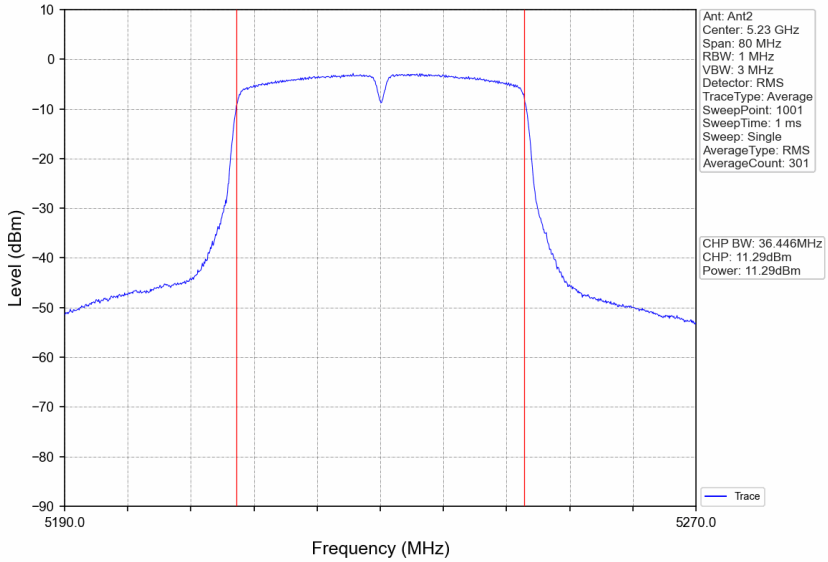
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



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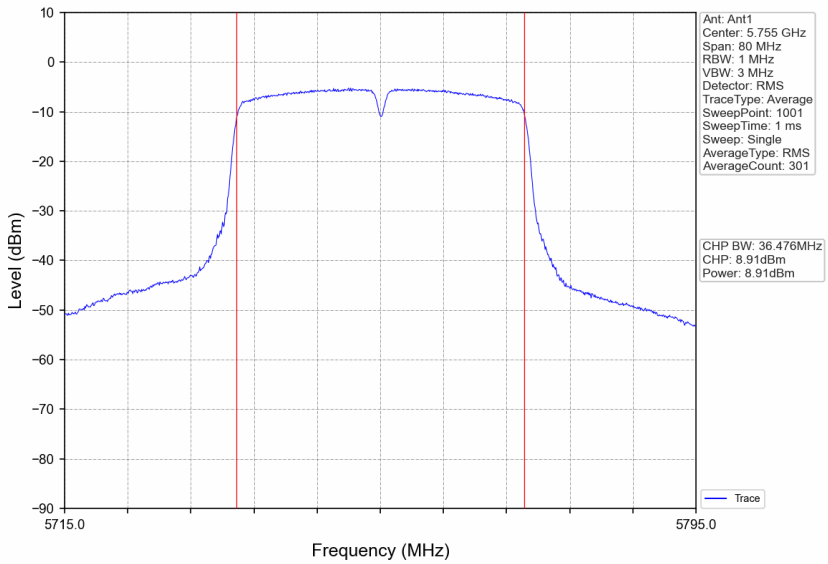
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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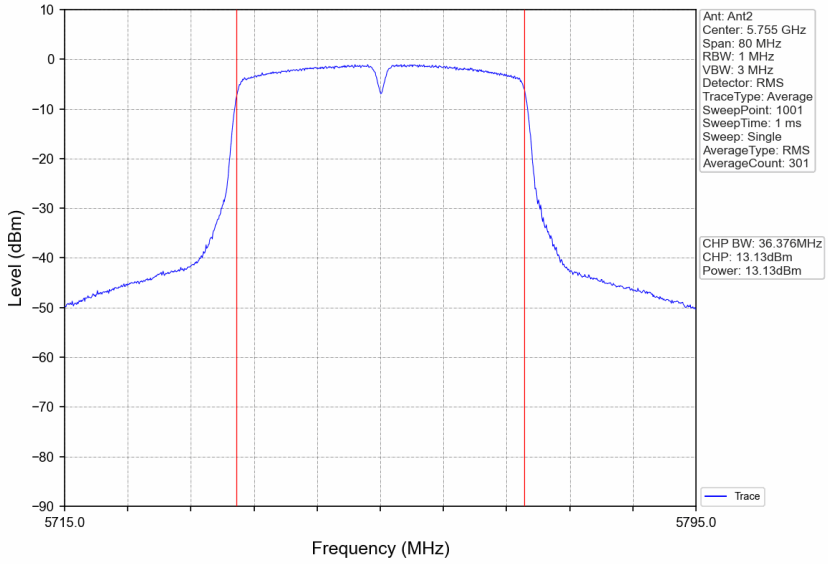

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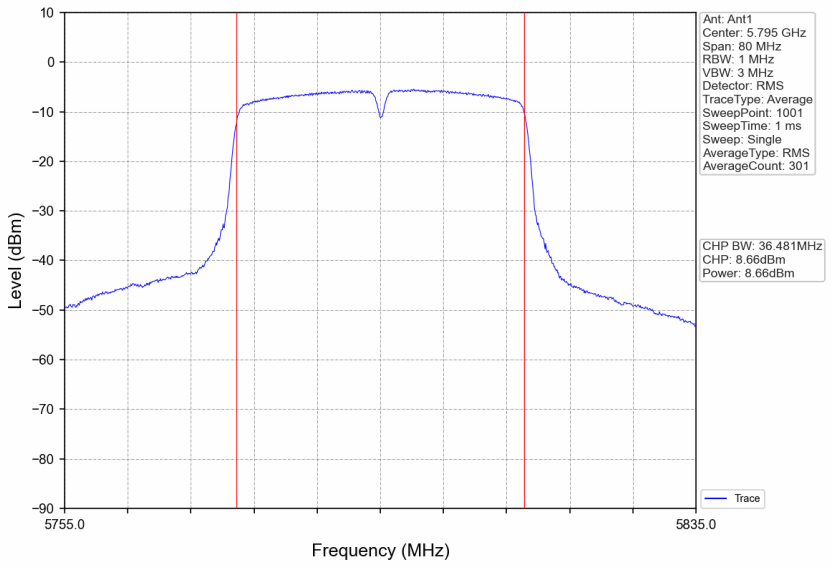
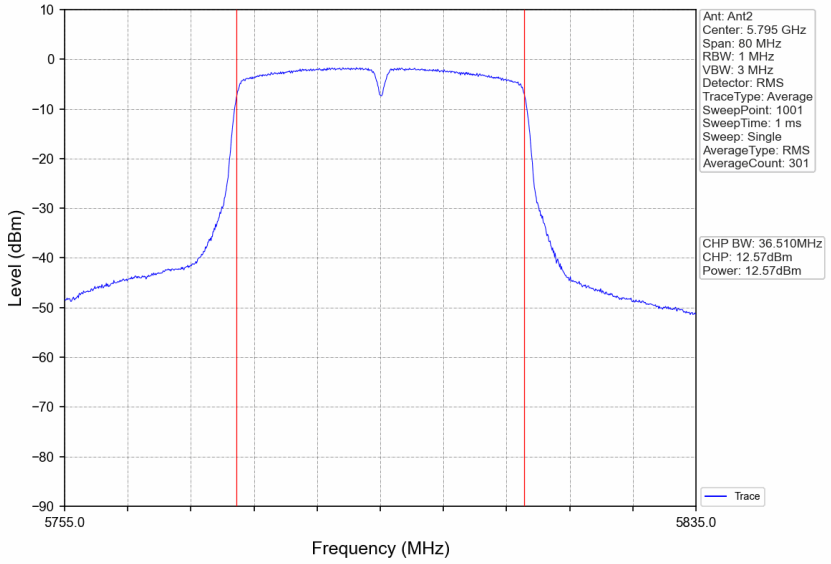
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



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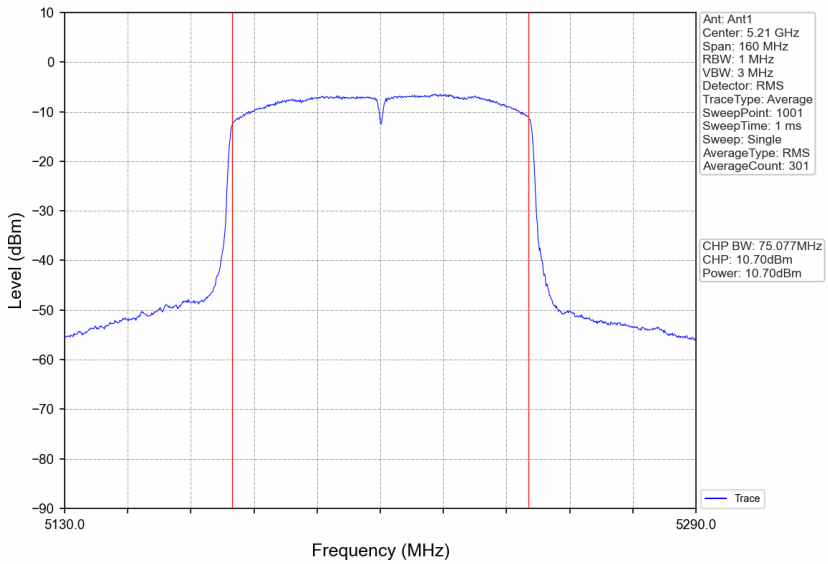
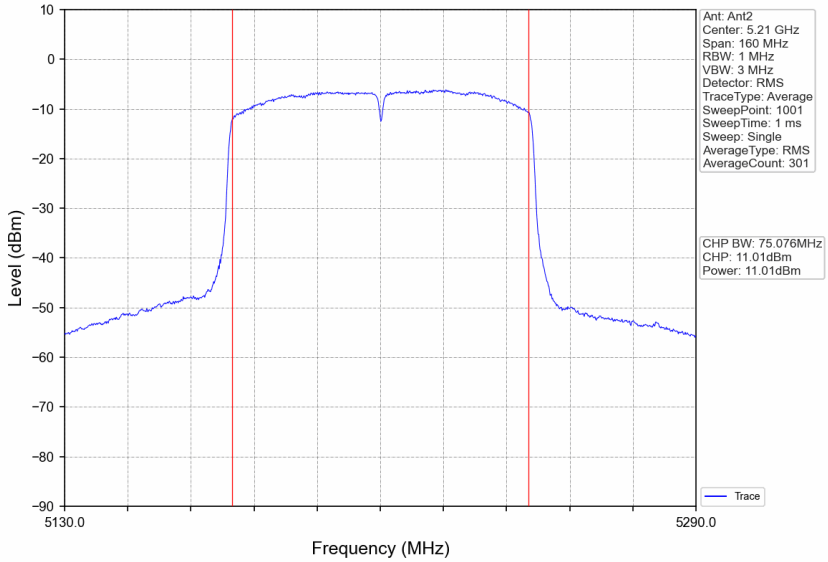
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



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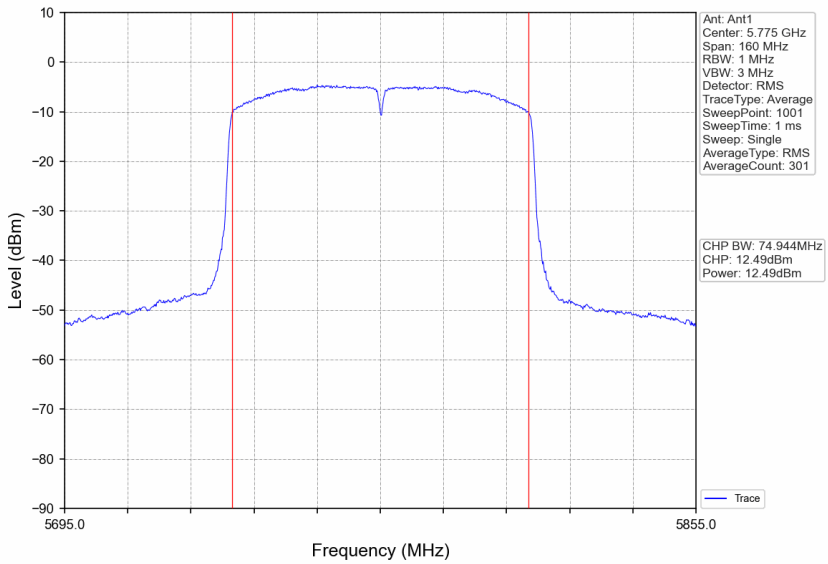
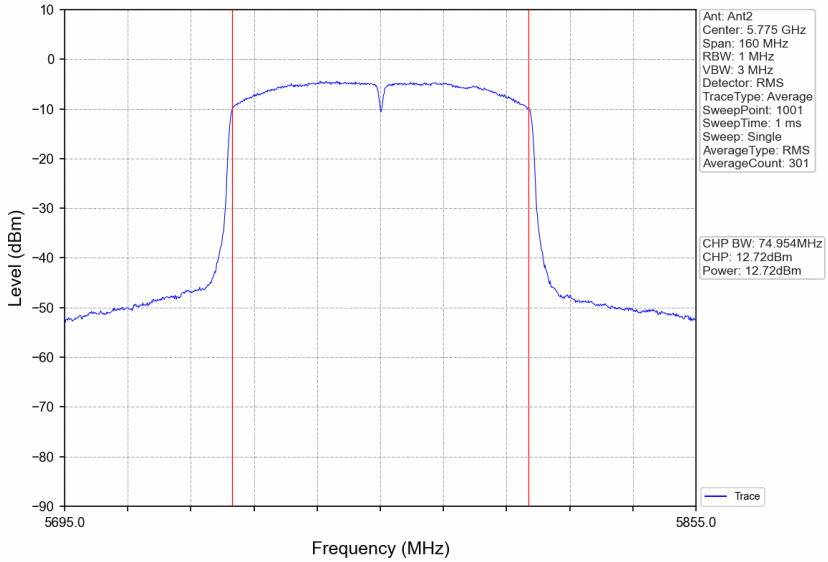
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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