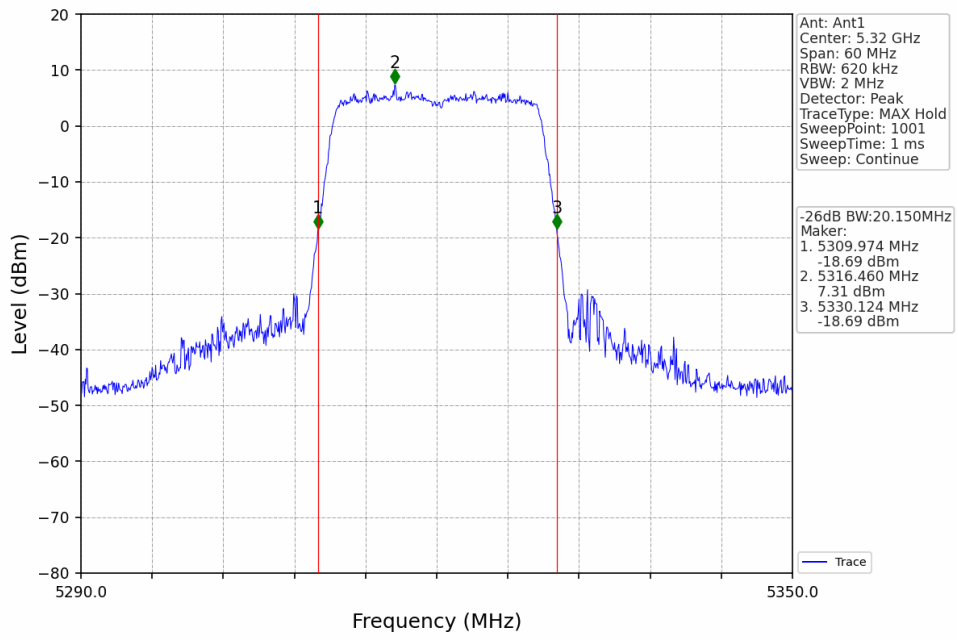
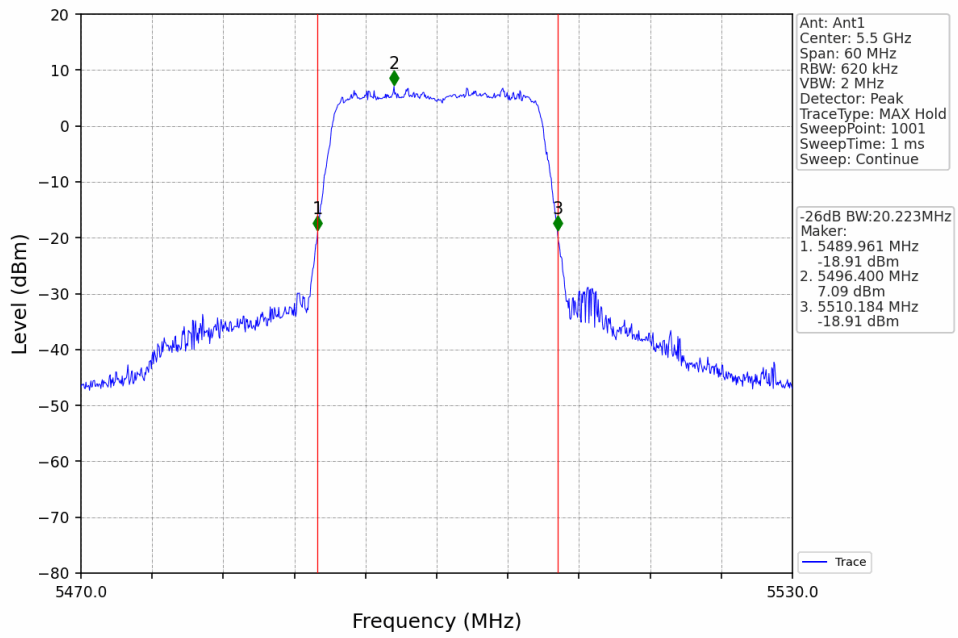
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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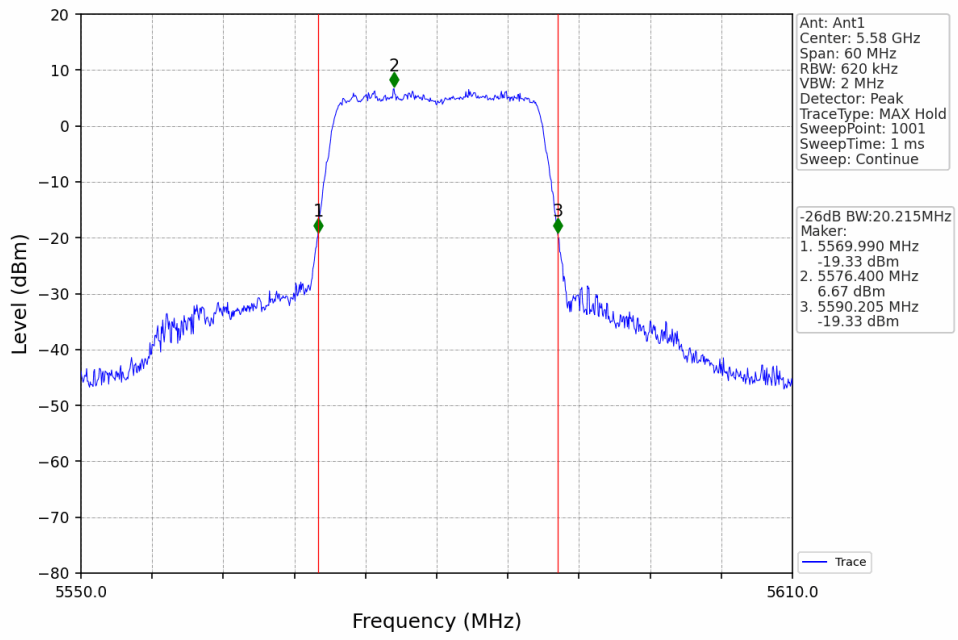
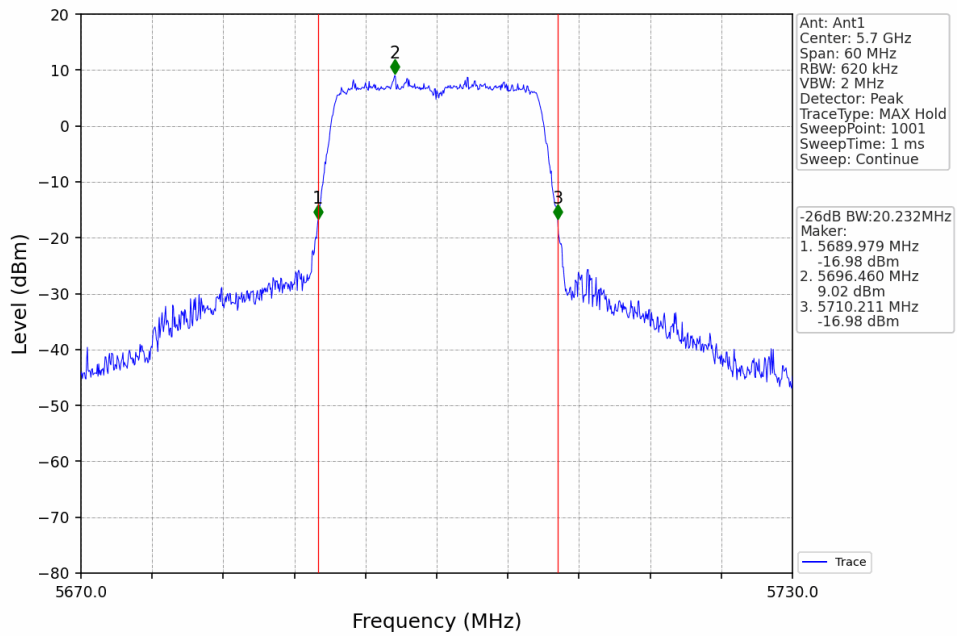
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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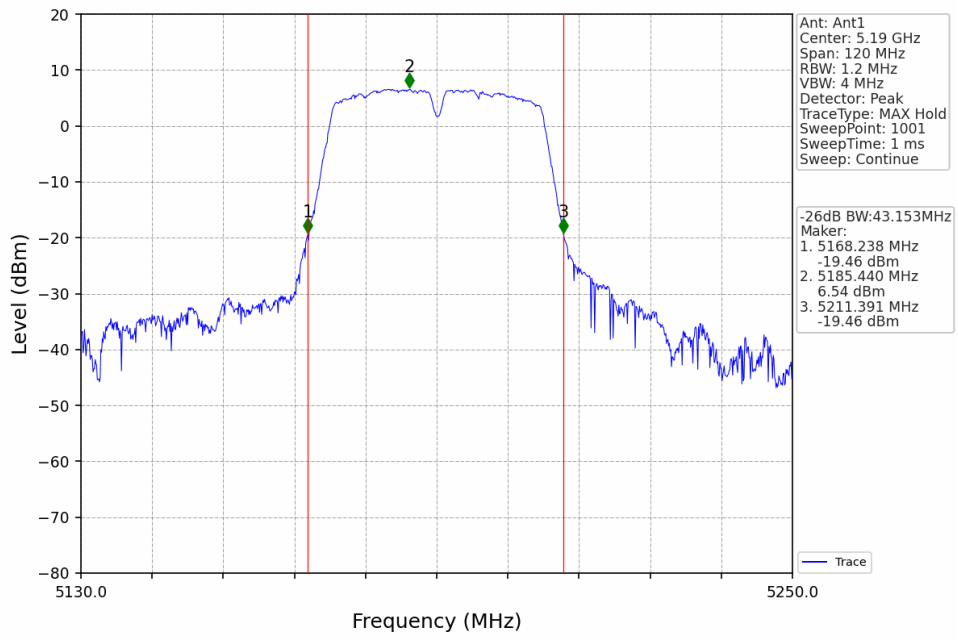
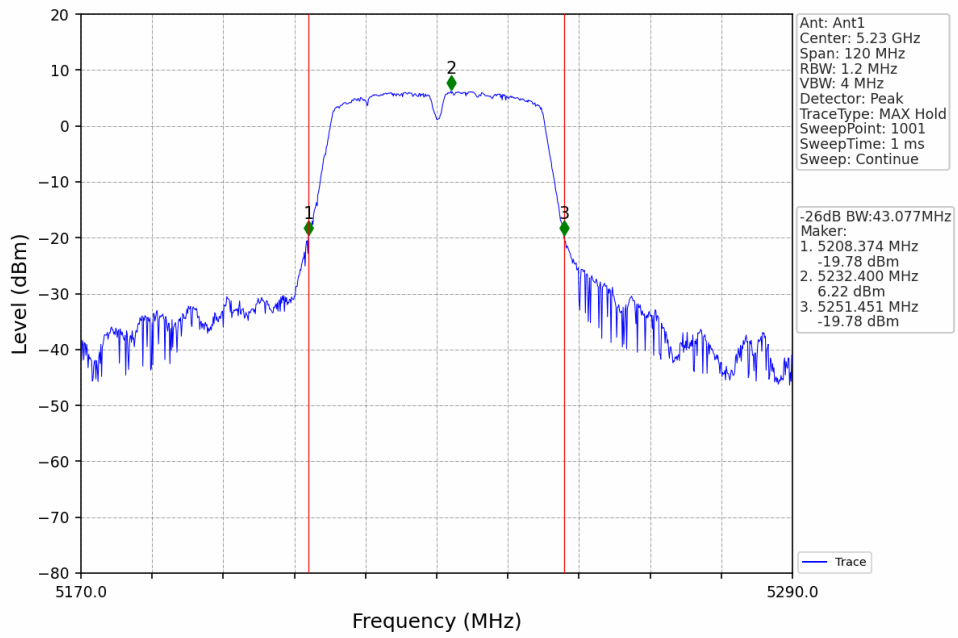
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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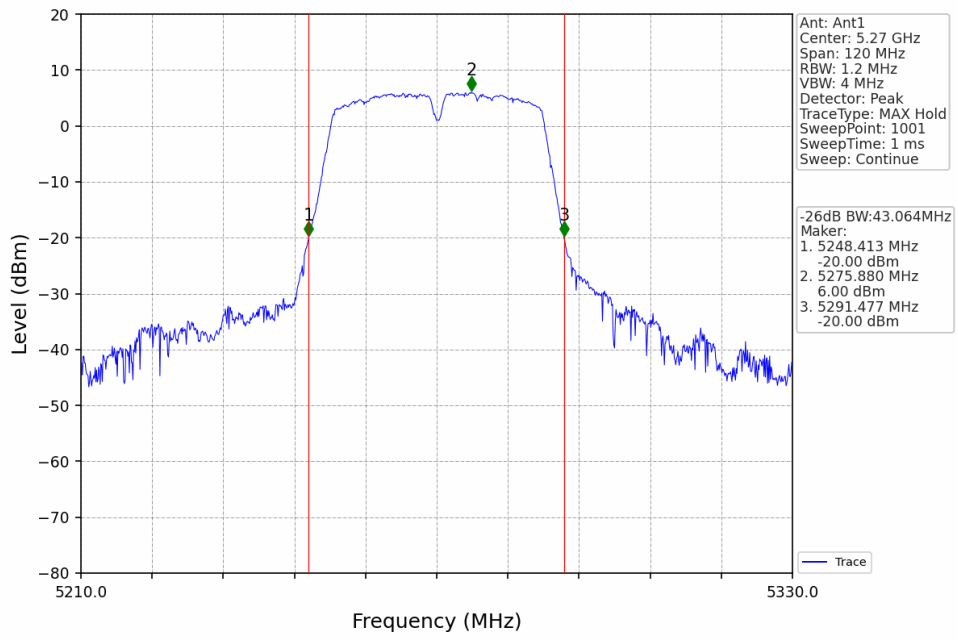
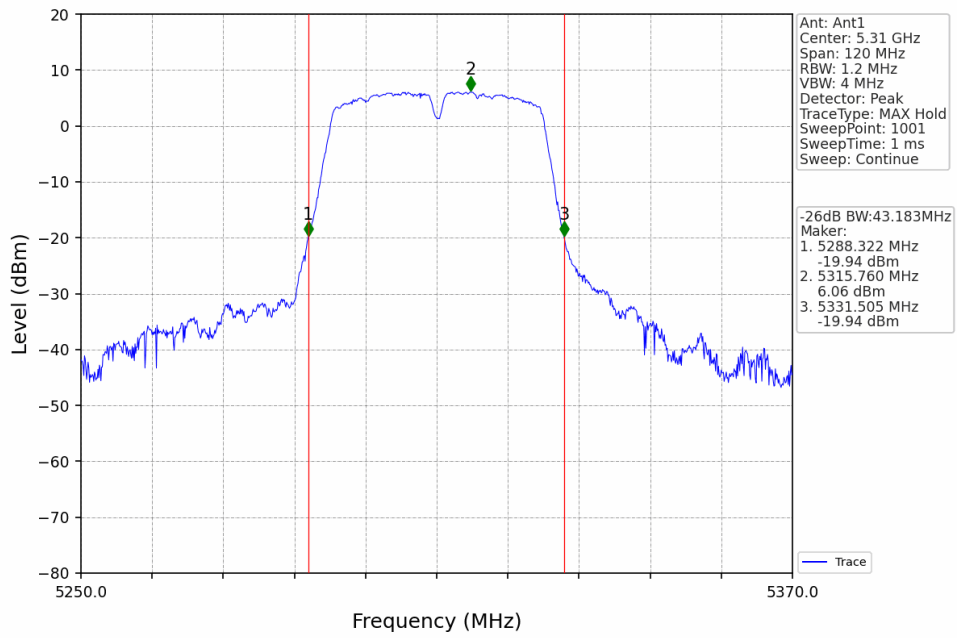
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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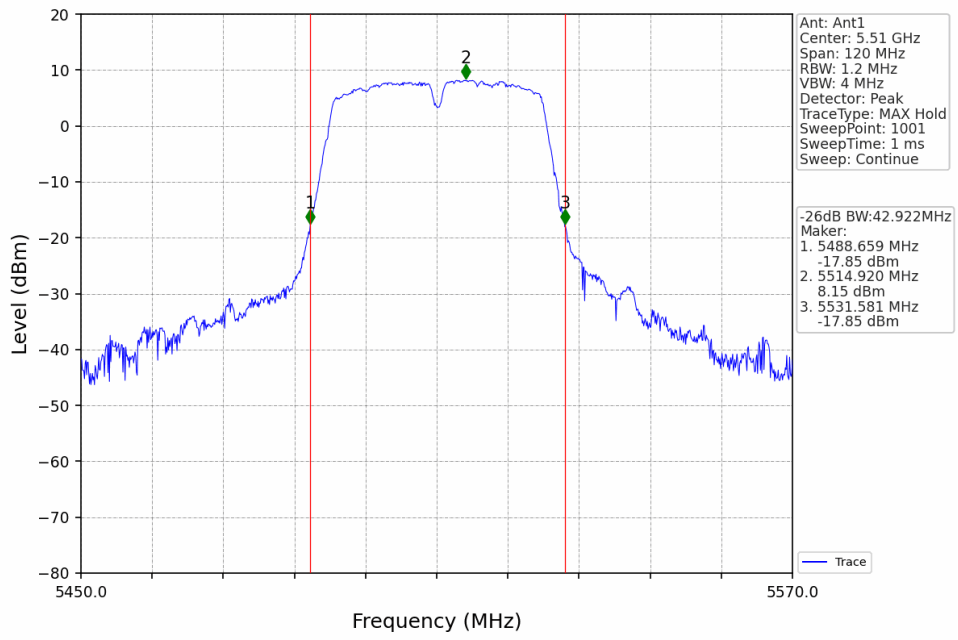
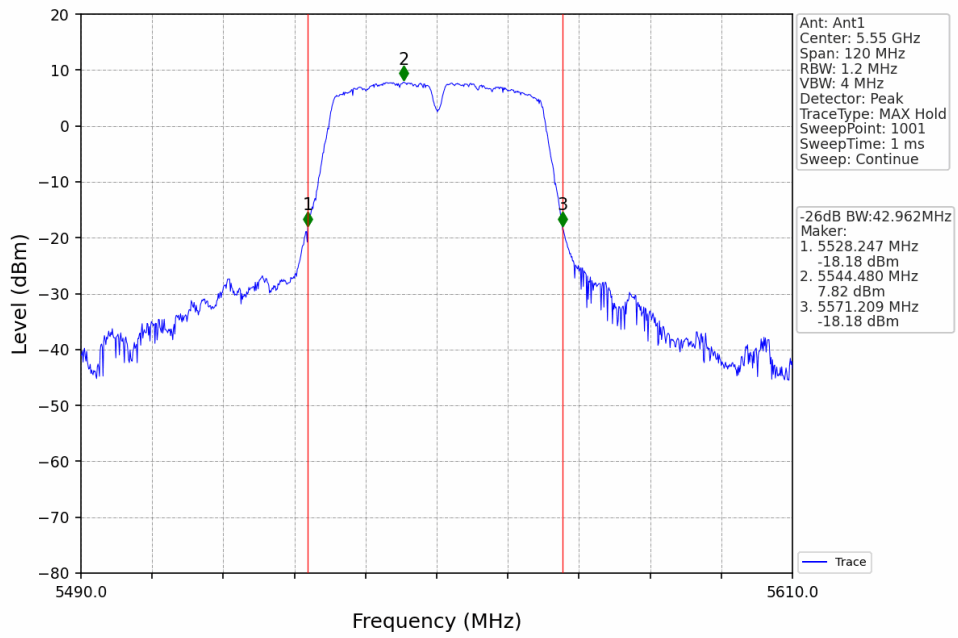
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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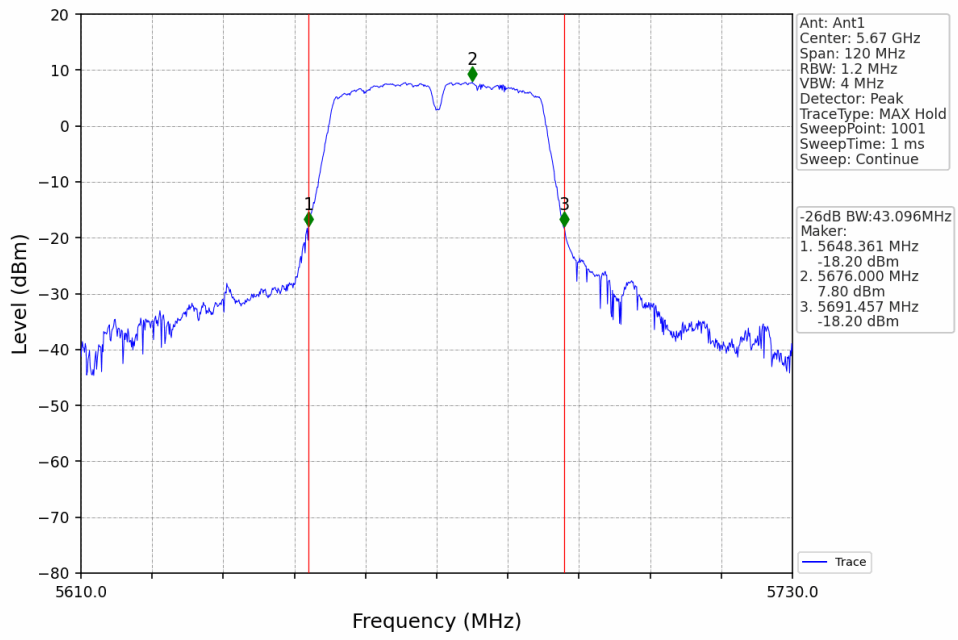
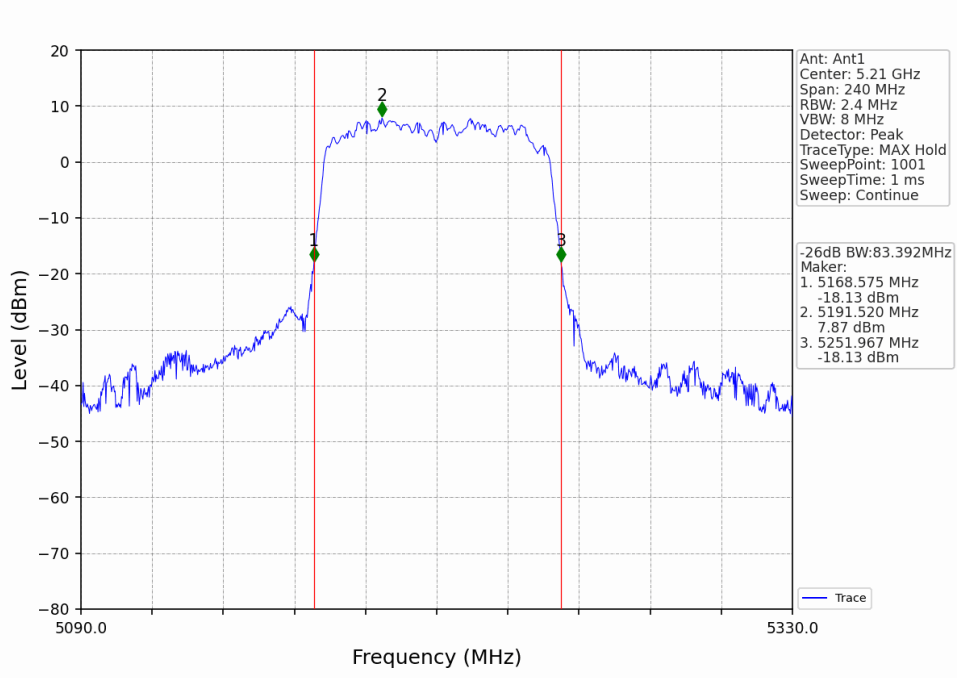
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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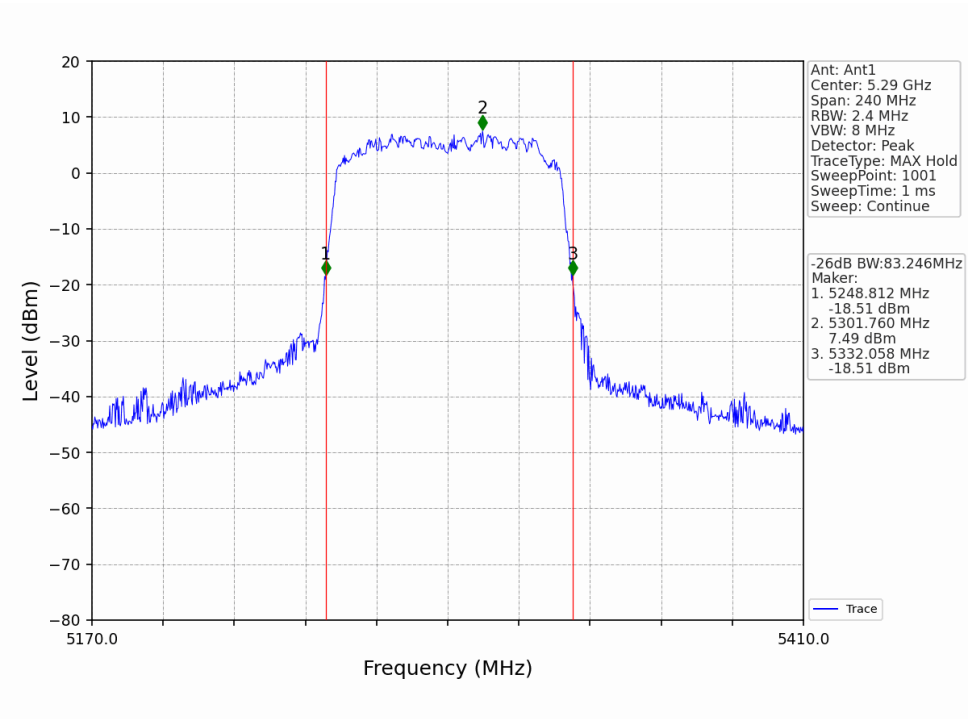
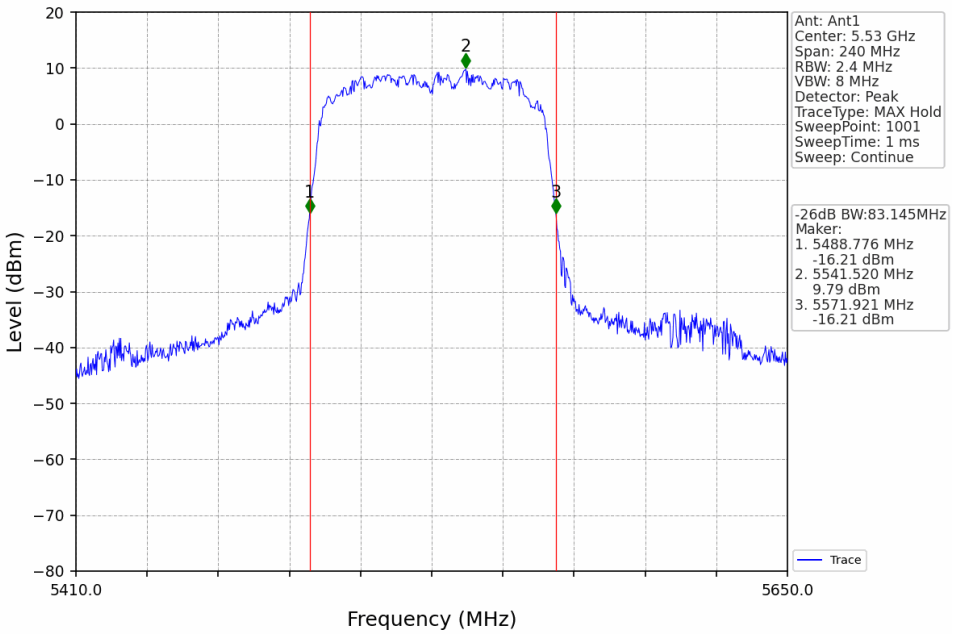
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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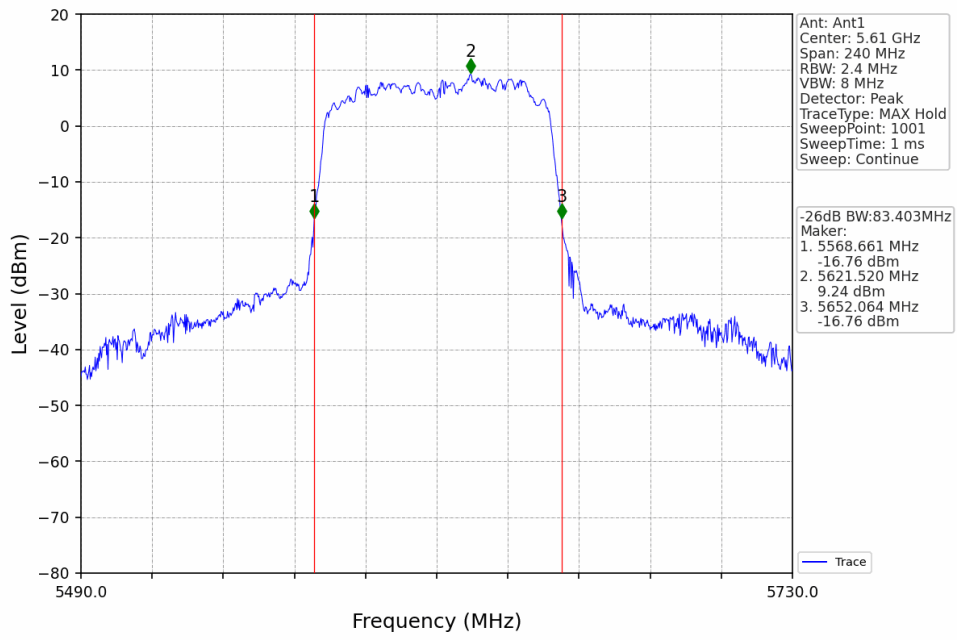
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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	15.44	15.44	/	<=23	Pass
		5200	15.04	15.35	/	<=23	Pass
		5240	15.43	15.46	/	<=23	Pass
		5260	14.57	14.71	/	<=23	Pass
		5300	14.65	14.93	/	<=23	Pass
		5320	15.23	14.87	/	<=23	Pass
		5500	16.58	15.40	/	<=23	Pass
		5580	15.84	14.41	/	<=23	Pass
		5700	14.85	15.22	/	<=23	Pass
		5745	14.56	15.05	/	<=29.02	Pass
		5785	14.21	15.76	/	<=29.02	Pass
		5825	15.36	16.24	/	<=29.02	Pass
802.11n (HT20)	MIMO	5180	13.15	13.40	16.29	<=20.18	Pass
		5200	12.87	12.94	15.92	<=20.18	Pass
		5240	13.57	12.30	15.99	<=20.18	Pass
		5260	12.84	11.48	15.22	<=20.18	Pass
		5300	14.13	13.02	16.62	<=20.18	Pass
		5320	13.90	12.95	16.46	<=20.18	Pass
		5500	14.02	13.16	16.62	<=20.18	Pass
		5580	12.99	12.47	15.75	<=20.18	Pass
		5700	12.69	13.47	16.11	<=20.18	Pass
		5745	12.41	13.16	15.81	<=26.2	Pass
		5785	12.51	14.02	16.34	<=26.2	Pass
		5825	13.98	15.05	17.56	<=26.2	Pass
802.11n (HT40)	MIMO	5190	13.25	13.25	16.26	<=20.18	Pass
		5230	13.05	13.42	16.25	<=20.18	Pass
		5270	12.69	12.46	15.59	<=20.18	Pass
		5310	13.97	12.93	16.49	<=20.18	Pass
		5510	13.65	13.31	16.49	<=20.18	Pass
		5550	12.76	12.29	15.54	<=20.18	Pass

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		5670	12.64	13.36	16.03	<=20.18	Pass
		5755	12.42	13.05	15.76	<=26.2	Pass
		5795	12.86	14.61	16.83	<=26.2	Pass
802.11ac (VHT20)	MIMO	5180	12.63	13.41	16.05	<=20.18	Pass
		5200	12.46	13.29	15.91	<=20.18	Pass
		5240	12.22	13.41	15.87	<=20.18	Pass
		5260	11.82	12.55	15.21	<=20.18	Pass
		5300	12.05	12.78	15.44	<=20.18	Pass
		5320	11.89	13.02	15.50	<=20.18	Pass
		5500	12.49	13.19	15.86	<=20.18	Pass
		5580	12.23	12.46	15.36	<=20.18	Pass
		5700	12.18	13.04	15.64	<=20.18	Pass
		5745	11.61	12.71	15.21	<=26.2	Pass
		5785	11.98	13.38	15.75	<=26.2	Pass
		5825	13.45	14.36	16.94	<=26.2	Pass
802.11ac (VHT40)	MIMO	5190	11.52	11.45	14.50	<=20.18	Pass
		5230	10.83	11.58	14.23	<=20.18	Pass
		5270	11.14	11.13	14.15	<=20.18	Pass
		5310	10.94	11.43	14.20	<=20.18	Pass
		5510	13.25	11.40	15.43	<=20.18	Pass
		5550	12.29	10.73	14.59	<=20.18	Pass
		5670	12.54	12.24	15.40	<=20.18	Pass
		5755	12.82	12.13	15.50	<=26.2	Pass
		5795	13.27	13.57	16.43	<=26.2	Pass
802.11ac (VHT80)	MIMO	5210	11.39	11.93	14.68	<=20.18	Pass
		5290	10.88	10.80	13.85	<=20.18	Pass
		5530	13.22	11.45	15.43	<=20.18	Pass
		5610	11.87	11.66	14.78	<=20.18	Pass
		5775	13.28	13.04	16.17	<=26.2	Pass

Remark: ANT1: 6.98dBi; ANT2: 6.60dBi; Directional gain: 9.80dBi.

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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	4.26	4.18	/	<=10.02	Pass
		5200	3.80	4.34	/	<=10.02	Pass
		5240	4.37	4.40	/	<=10.02	Pass
		5260	3.53	3.46	/	<=10.02	Pass
		5300	3.60	3.86	/	<=10.02	Pass
		5320	3.94	3.75	/	<=10.02	Pass
		5500	5.41	4.16	/	<=10.02	Pass
		5580	4.72	3.39	/	<=10.02	Pass
		5700	3.49	4.26	/	<=10.02	Pass
802.11n (HT20)	MIMO	5180	1.88	2.04	4.91	<=7.2	Pass
		5200	1.31	1.59	4.39	<=7.2	Pass
		5240	2.09	0.93	4.38	<=7.2	Pass
		5260	1.55	0.10	3.84	<=7.2	Pass
		5300	2.58	1.52	5.00	<=7.2	Pass
		5320	2.55	1.56	4.93	<=7.2	Pass
		5500	2.67	1.72	5.14	<=7.2	Pass
		5580	1.34	1.10	4.11	<=7.2	Pass
		5700	1.01	2.08	4.53	<=7.2	Pass
802.11n (HT40)	MIMO	5190	-1.48	-0.39	1.97	<=7.2	Pass
		5230	-1.60	-0.83	1.75	<=7.2	Pass
		5270	-1.99	-1.62	1.07	<=7.2	Pass
		5310	-0.62	-1.31	2.03	<=7.2	Pass
		5510	-0.53	-1.11	2.06	<=7.2	Pass
		5550	-1.01	-1.76	1.48	<=7.2	Pass
		5670	-1.76	-0.76	1.66	<=7.2	Pass
802.11ac (VHT20)	MIMO	5180	1.31	1.92	4.45	<=7.2	Pass
		5200	0.82	1.77	4.25	<=7.2	Pass
		5240	0.86	2.04	4.38	<=7.2	Pass
		5260	0.42	1.06	3.57	<=7.2	Pass
		5300	0.57	1.55	4.03	<=7.2	Pass
		5320	0.47	1.59	3.95	<=7.2	Pass
		5500	1.06	1.83	4.36	<=7.2	Pass

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		5580	0.92	0.99	3.78	<=7.2	Pass
		5700	0.74	1.87	4.21	<=7.2	Pass
802.11ac (VHT40)	MIMO	5190	-2.93	-2.71	0.06	<=7.2	Pass
		5230	-3.07	-2.21	0.26	<=7.2	Pass
		5270	-3.53	-2.92	-0.27	<=7.2	Pass
		5310	-2.80	-2.32	0.26	<=7.2	Pass
		5510	-1.47	-2.00	1.17	<=7.2	Pass
		5550	-1.44	-2.95	0.79	<=7.2	Pass
		5670	-0.89	-1.72	1.67	<=7.2	Pass
802.11ac (VHT80)	MIMO	5210	-5.66	-5.48	-2.73	<=7.2	Pass
		5290	-6.69	-5.46	-3.16	<=7.2	Pass
		5530	-3.73	-4.98	-1.67	<=7.2	Pass
		5610	-4.91	-6.10	-2.61	<=7.2	Pass

Remark: ANT1: 6.98dBi; ANT2: 6.60dBi; Directional gain: 9.80dBi.

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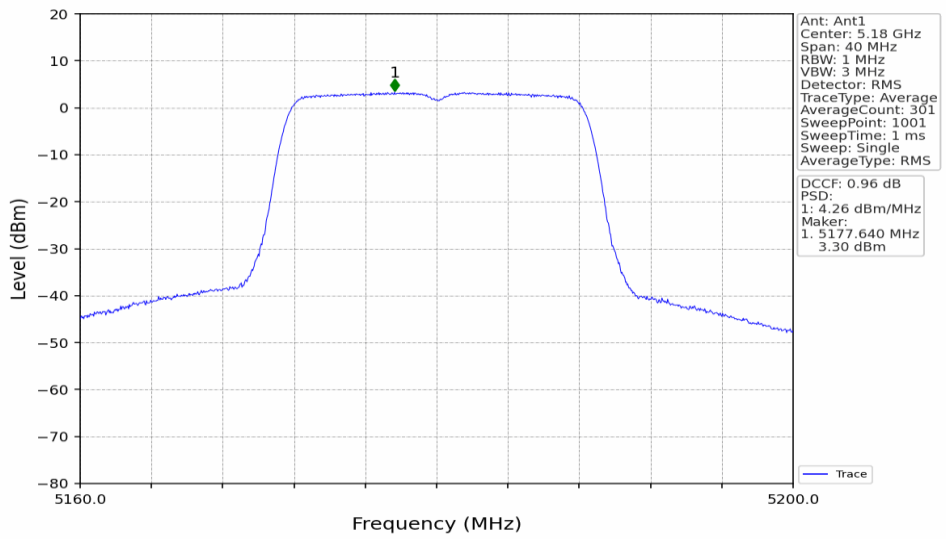
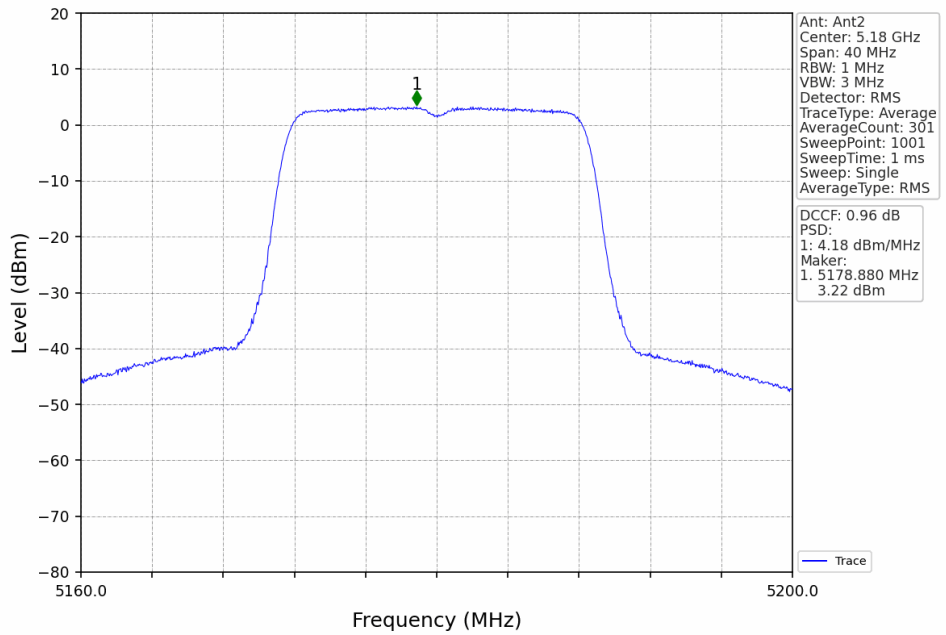
4.1.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV



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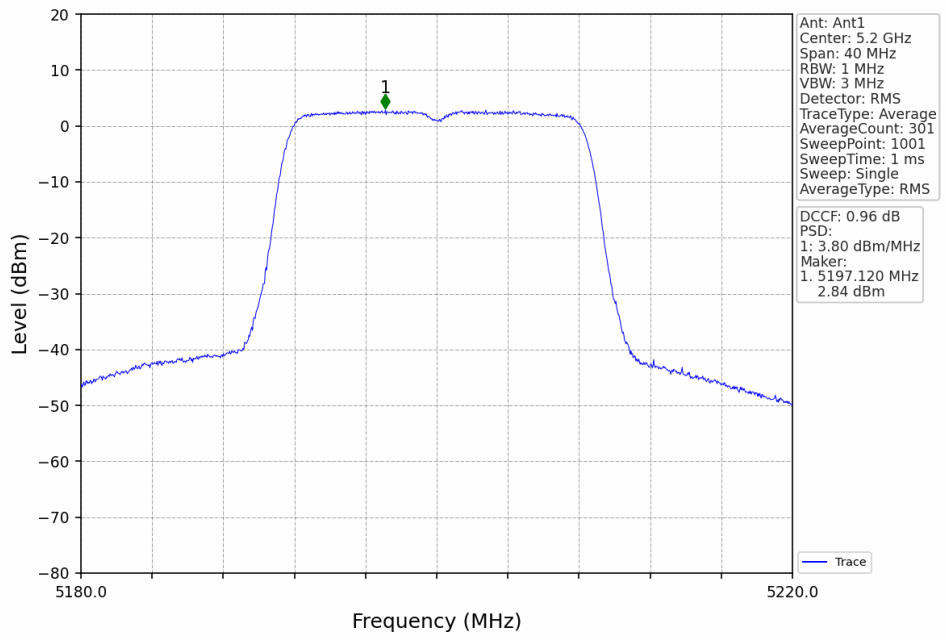
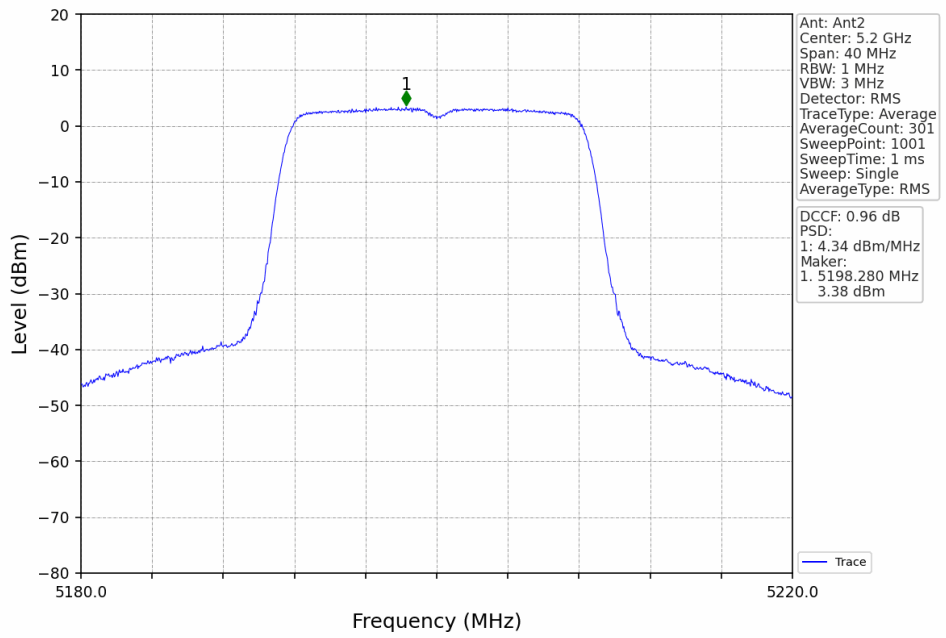
802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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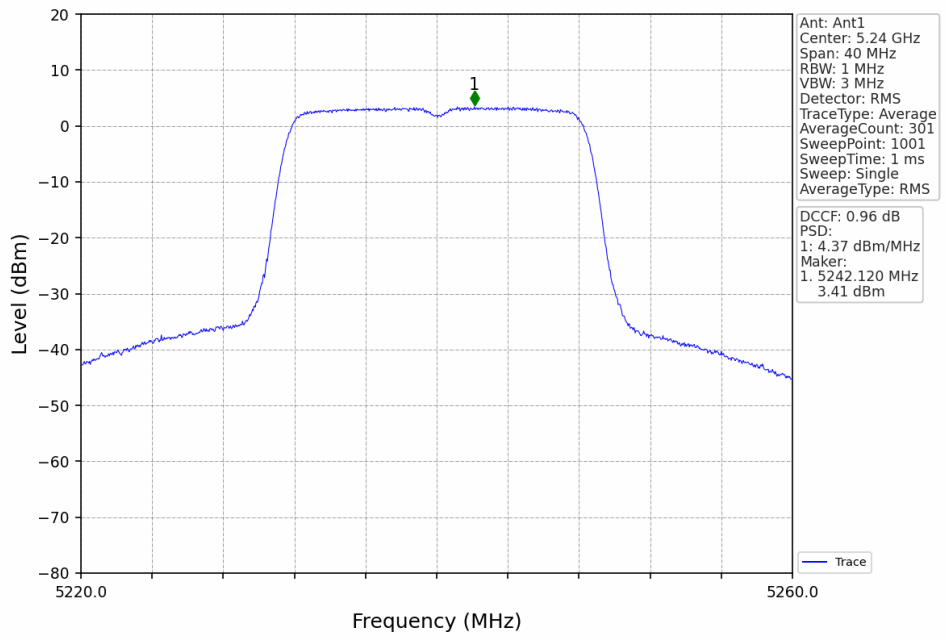
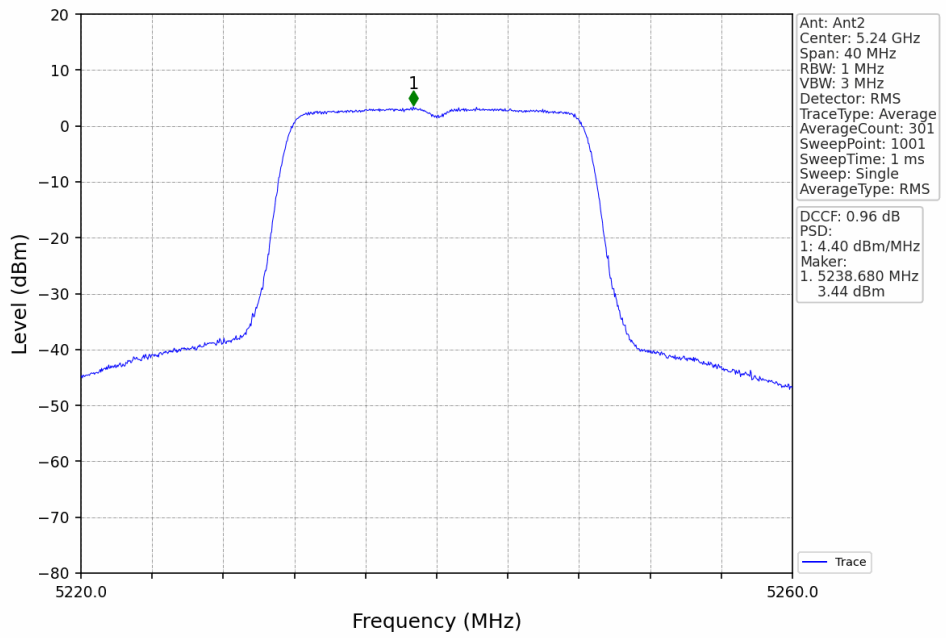
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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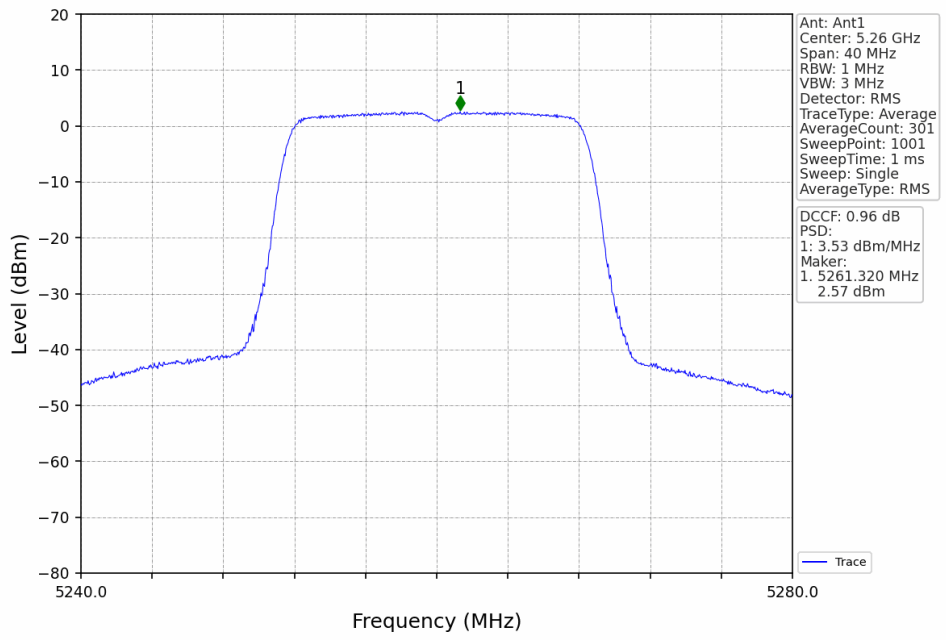
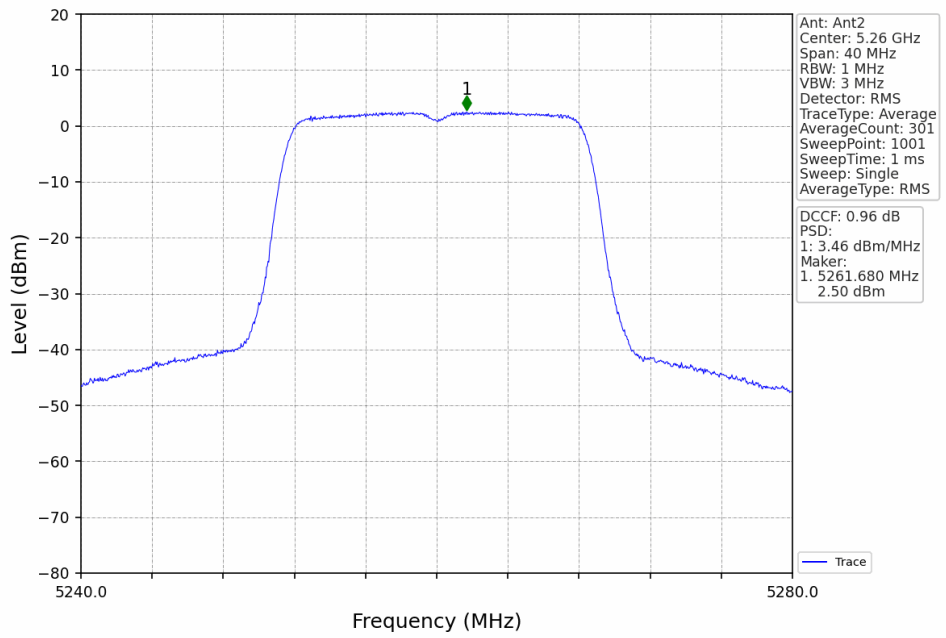
802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant2_NTNV



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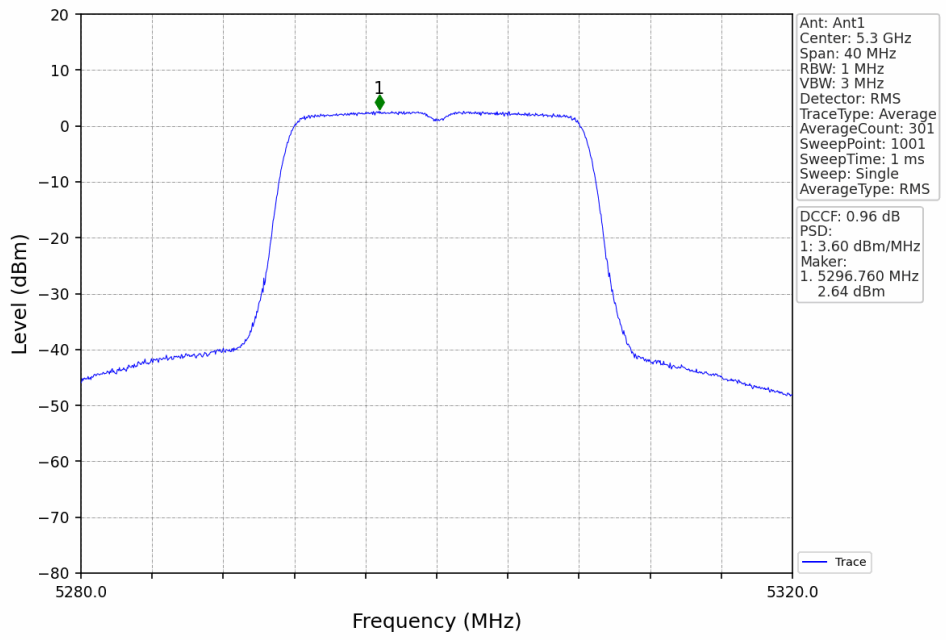
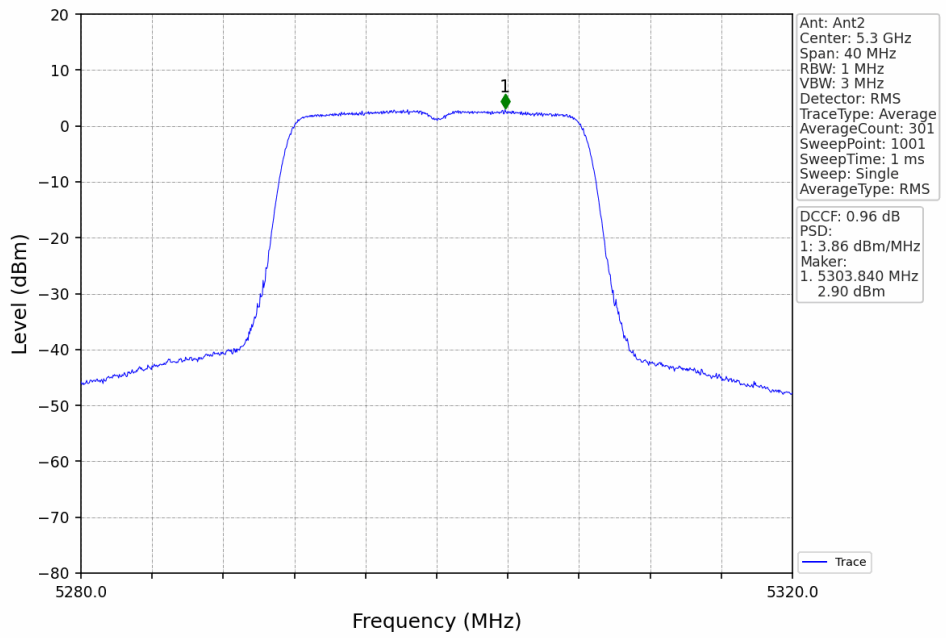
802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



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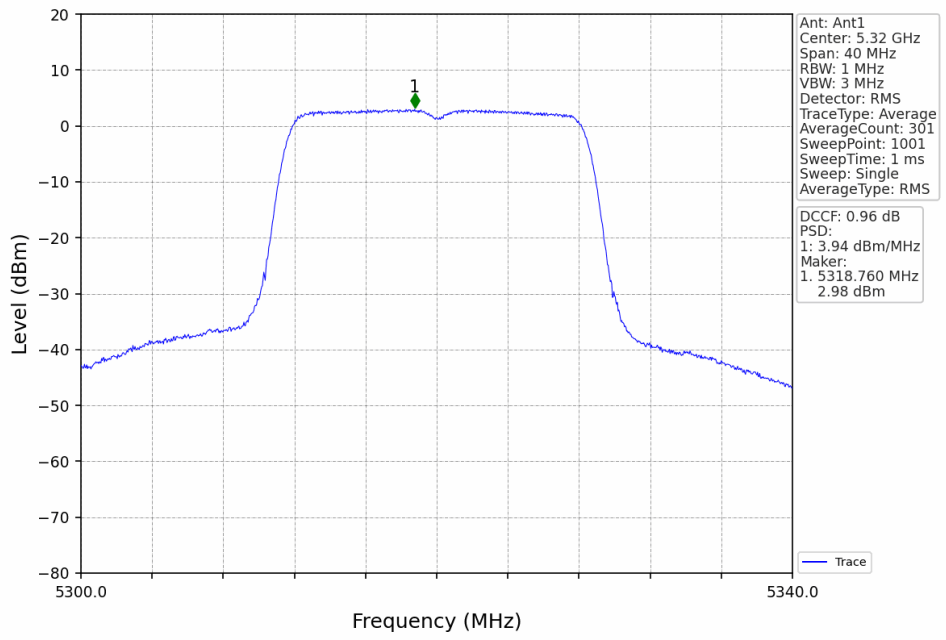
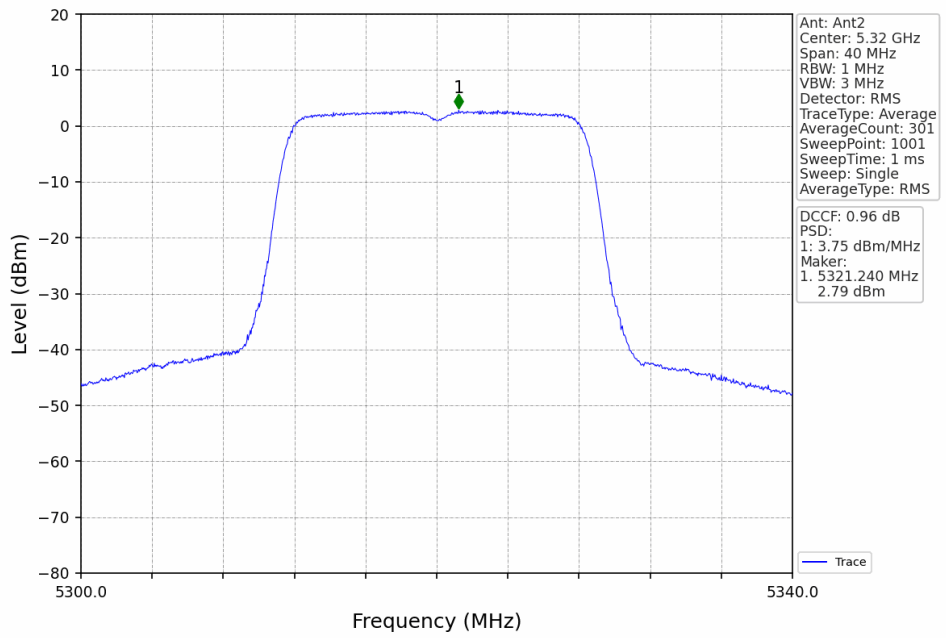
802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



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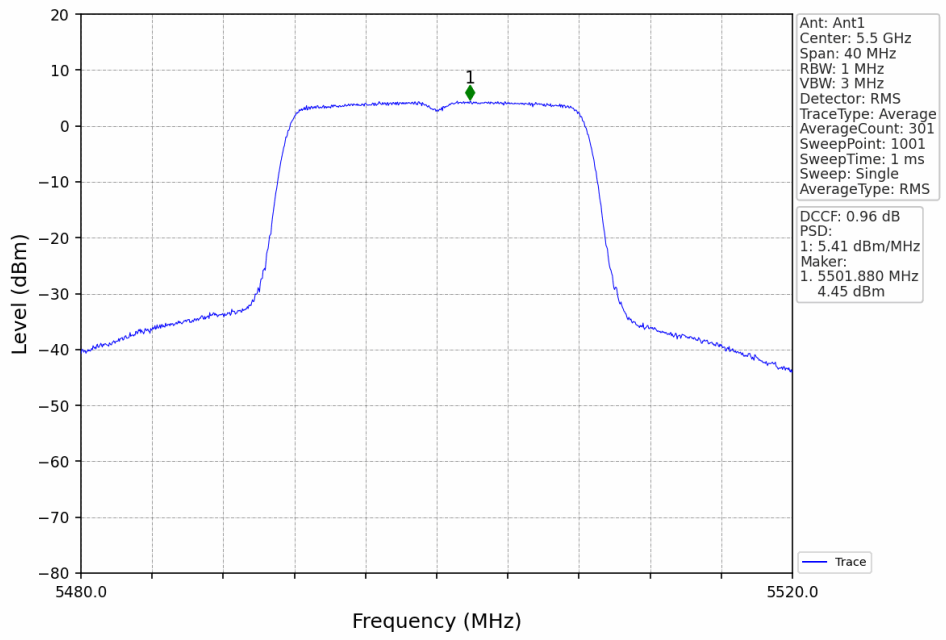
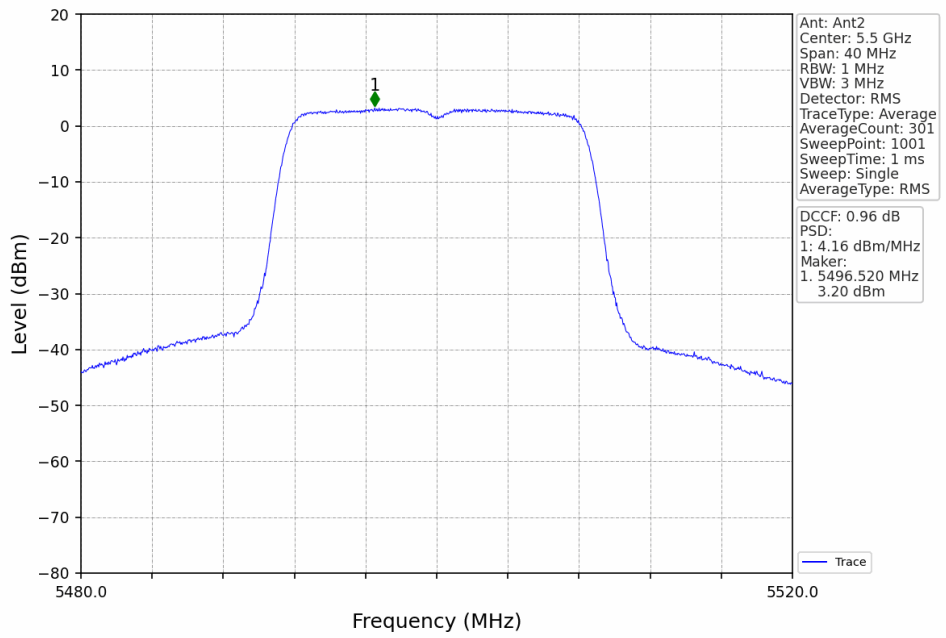
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV



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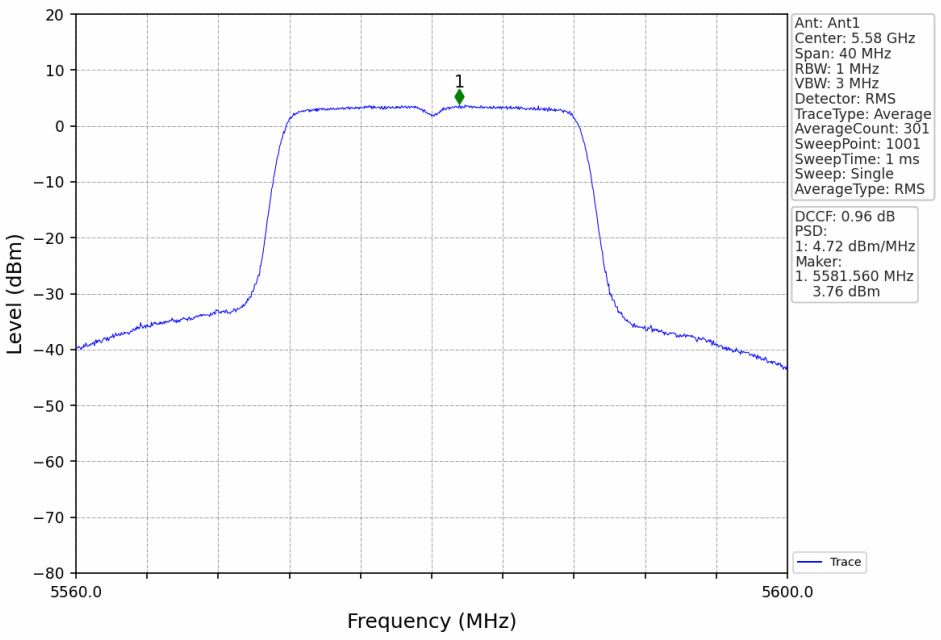
802.11a_MCH_5580MHz_Ant1_NTNV



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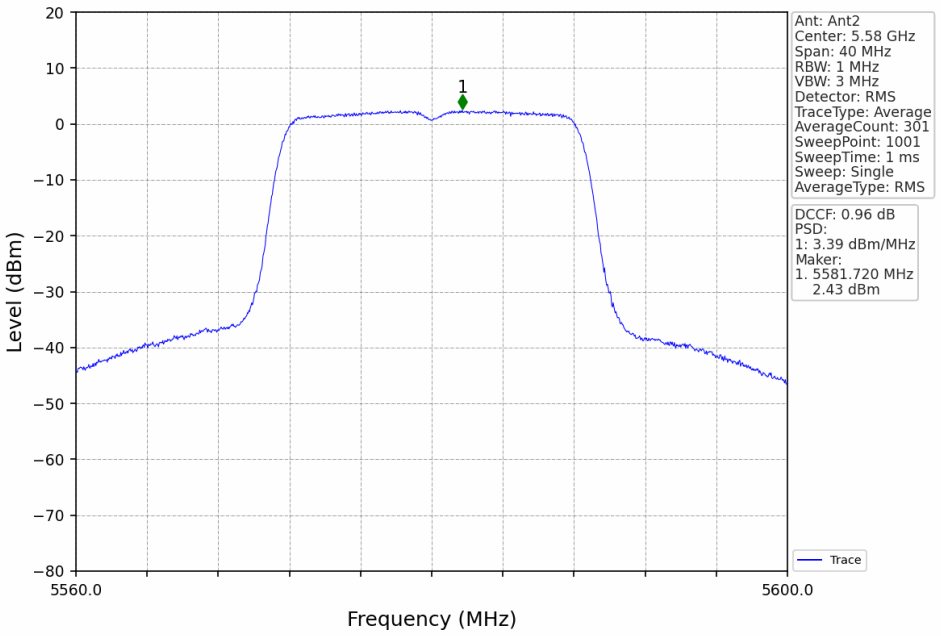

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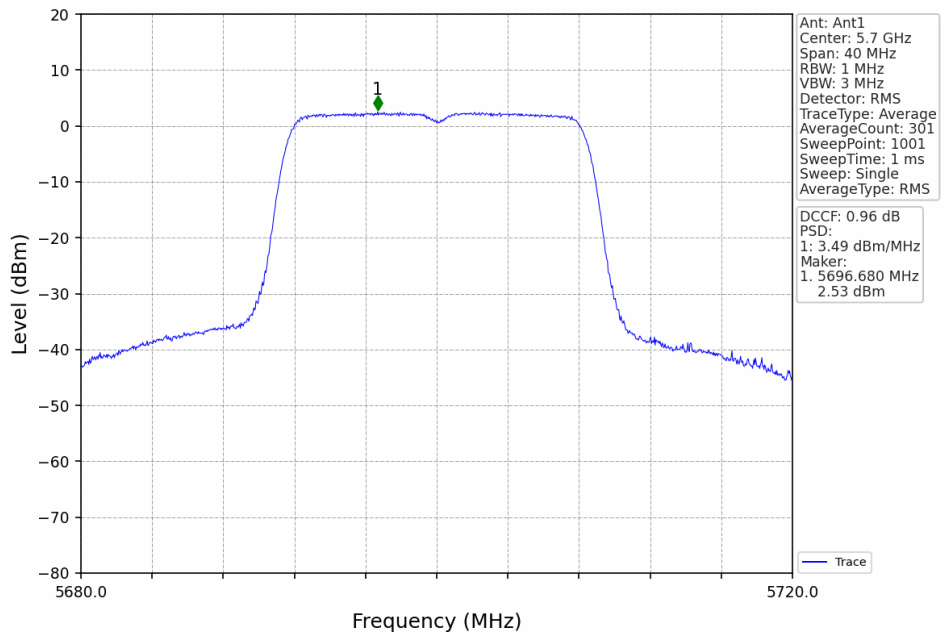
802.11a_HCH_5700MHz_Ant1_NTNV



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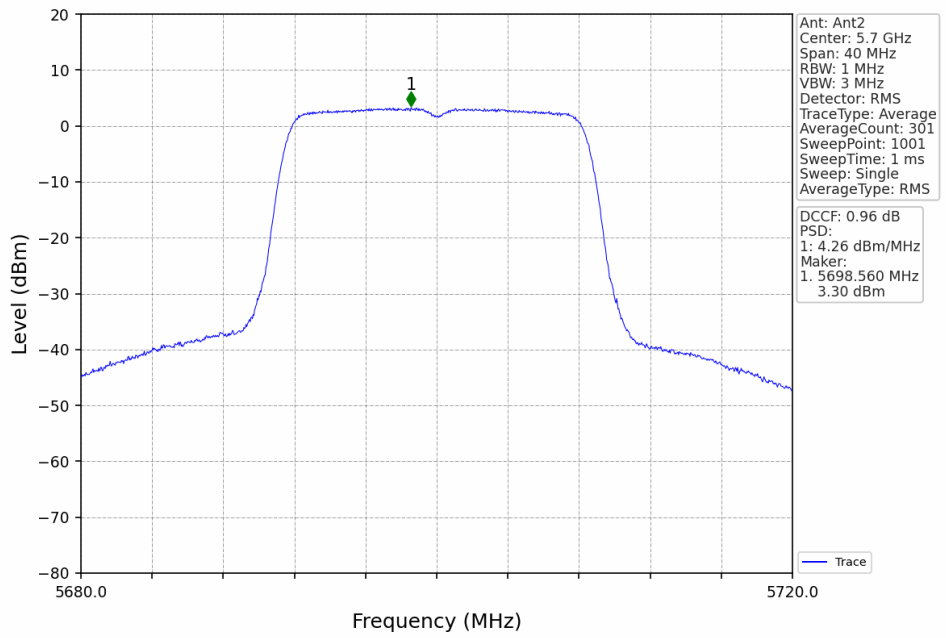

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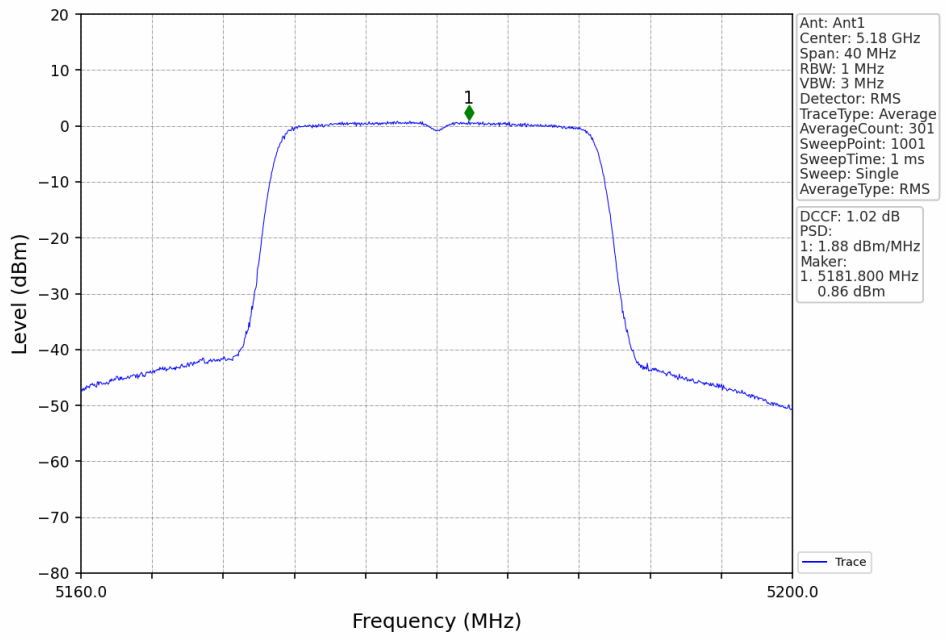
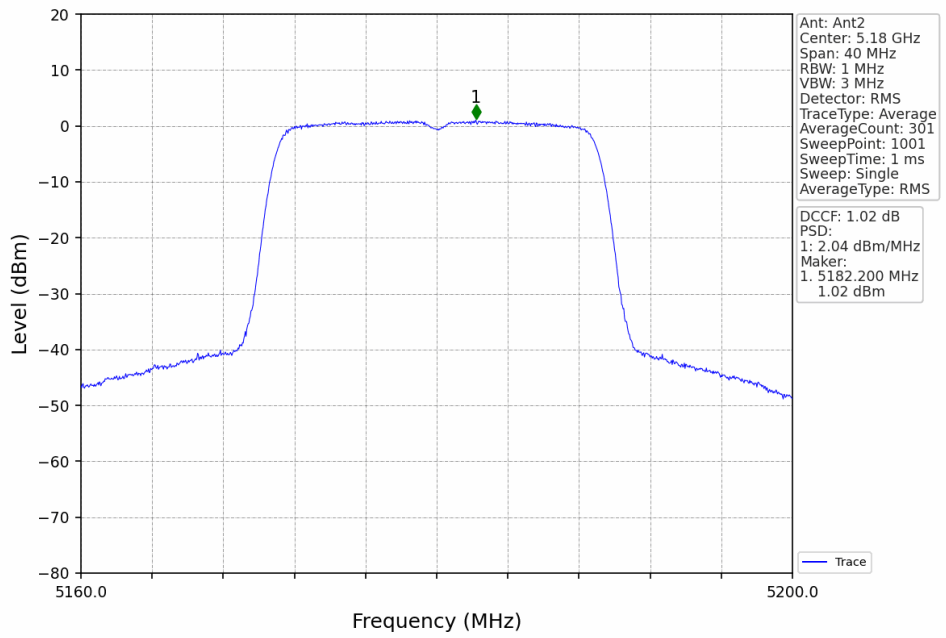
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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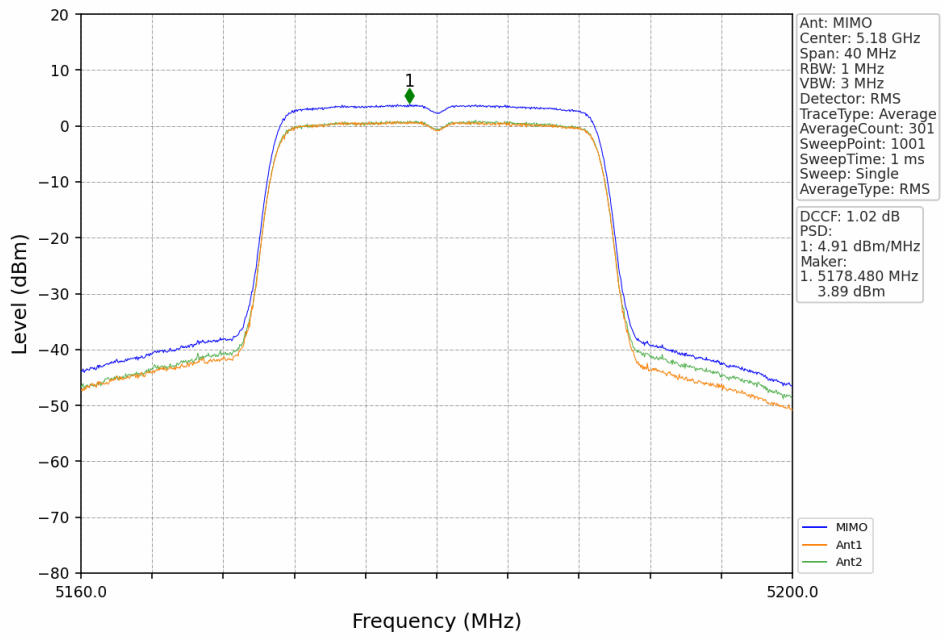
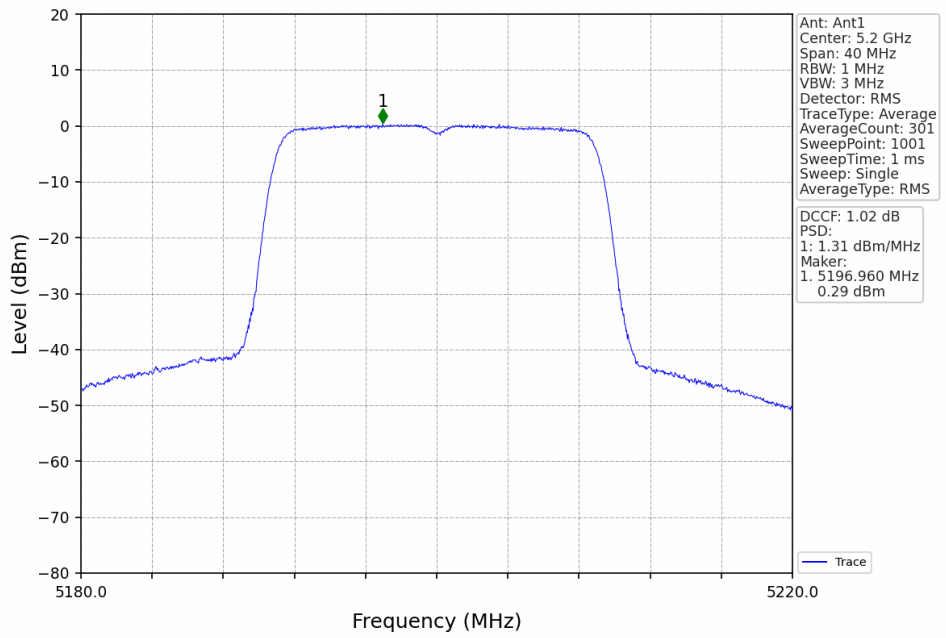
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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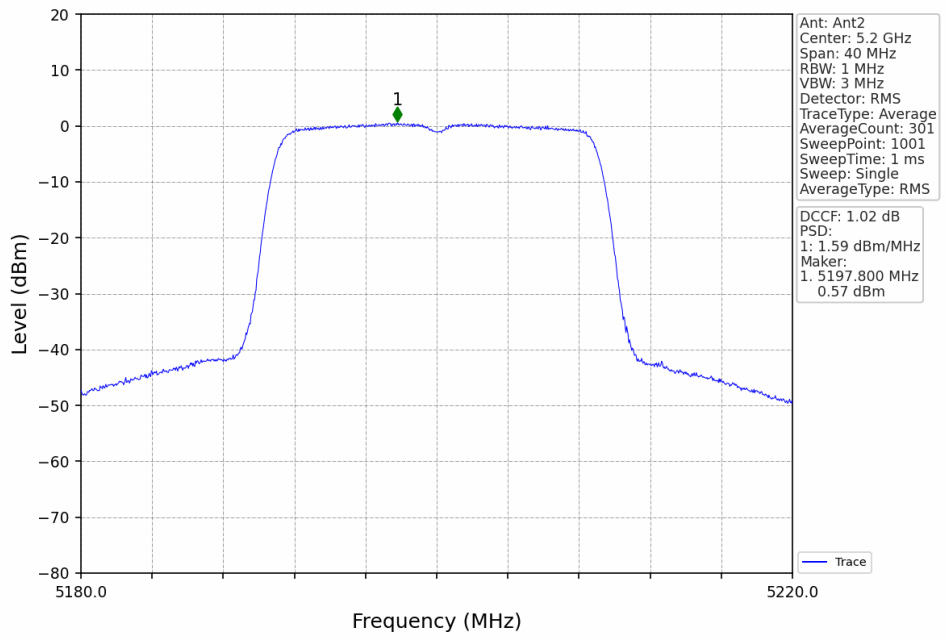
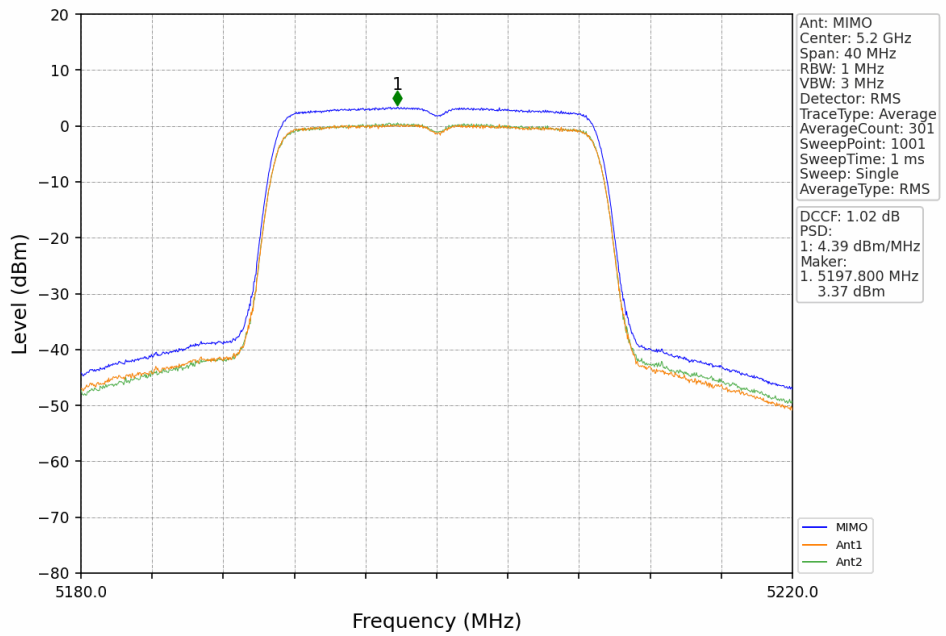
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



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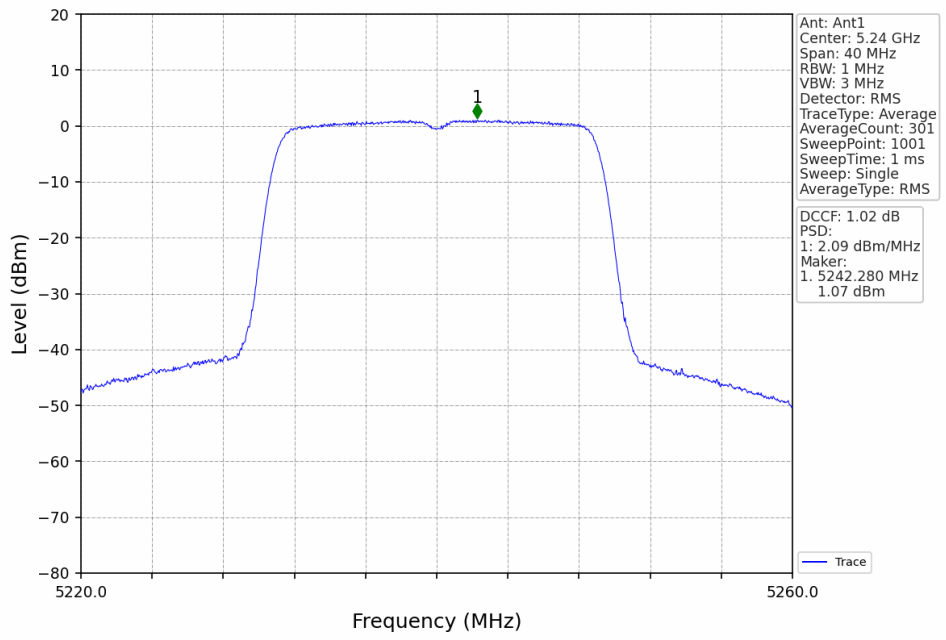
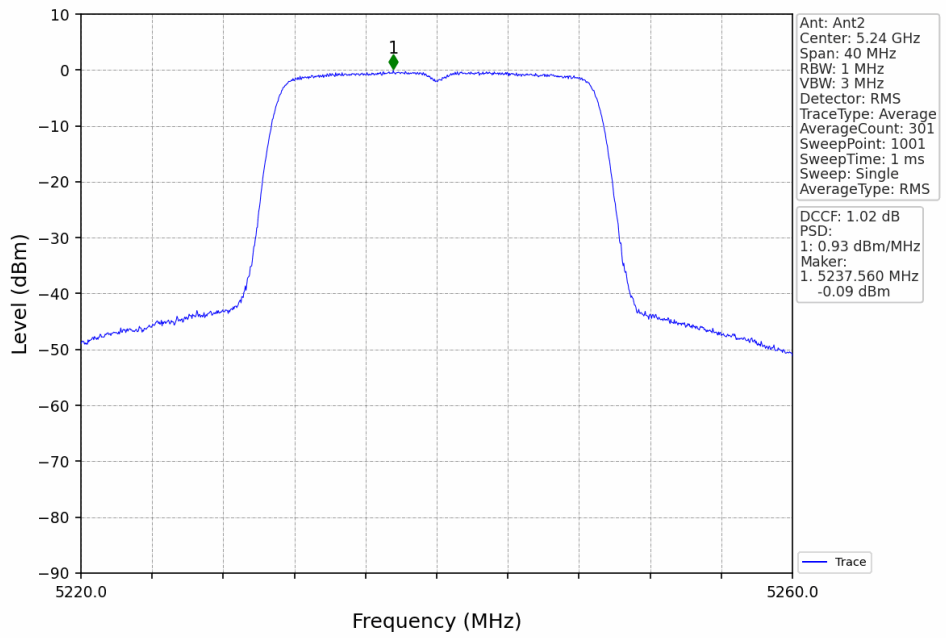
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



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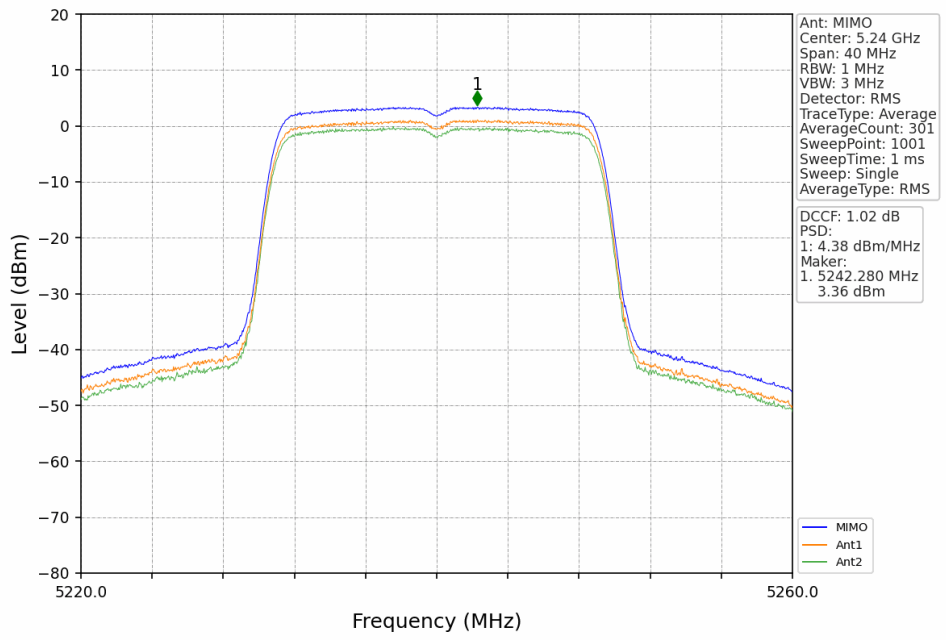
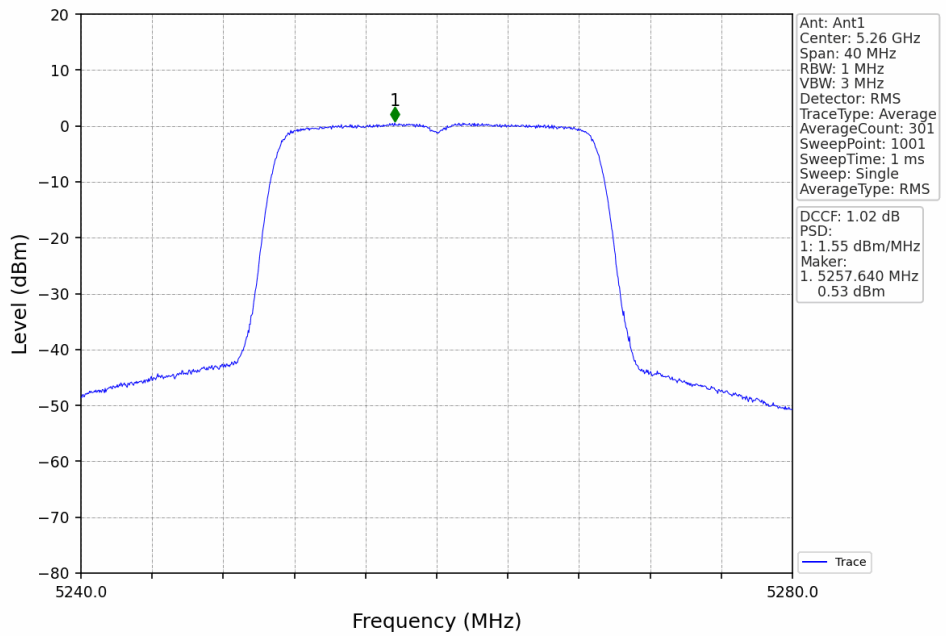
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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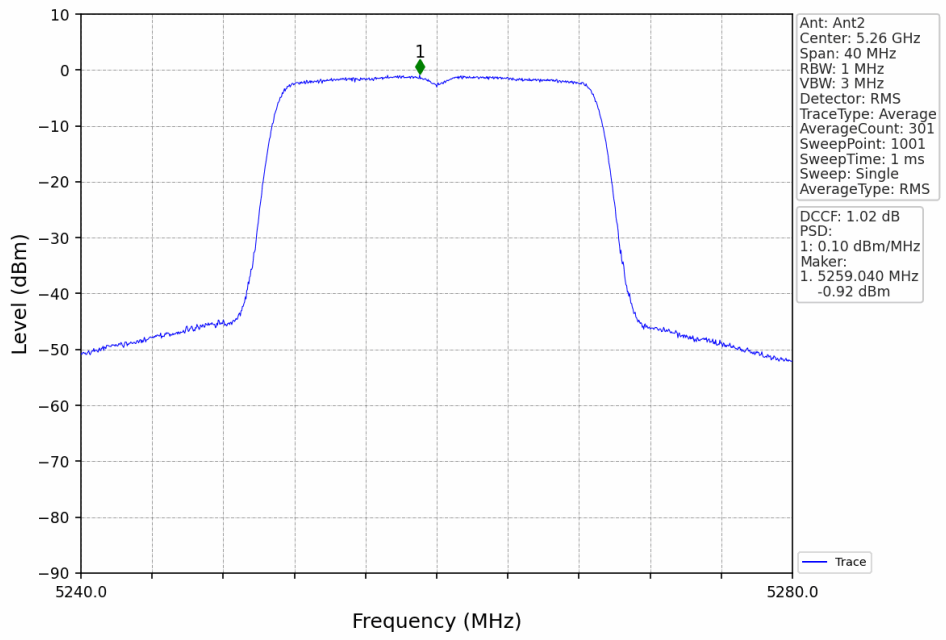
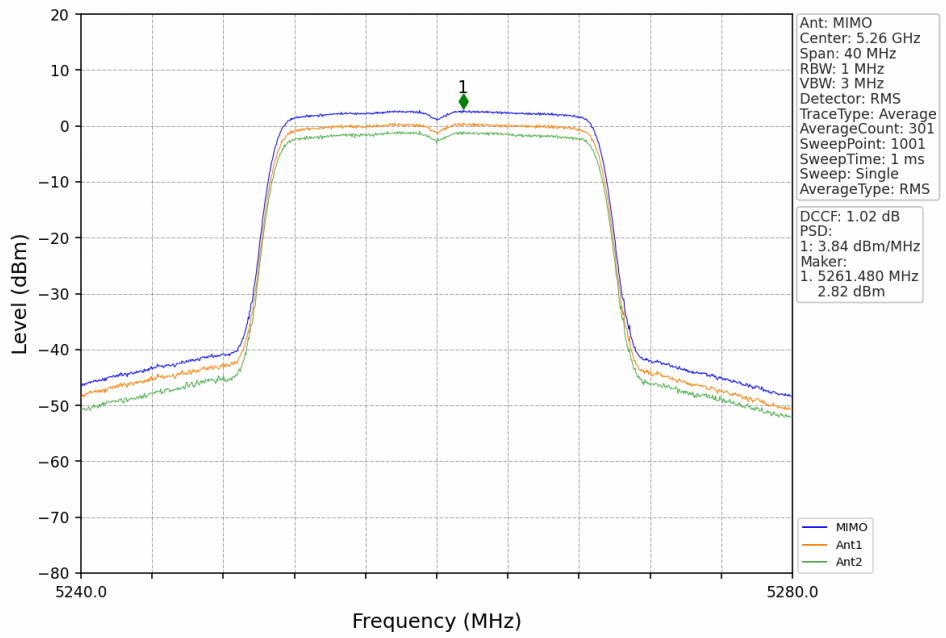
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



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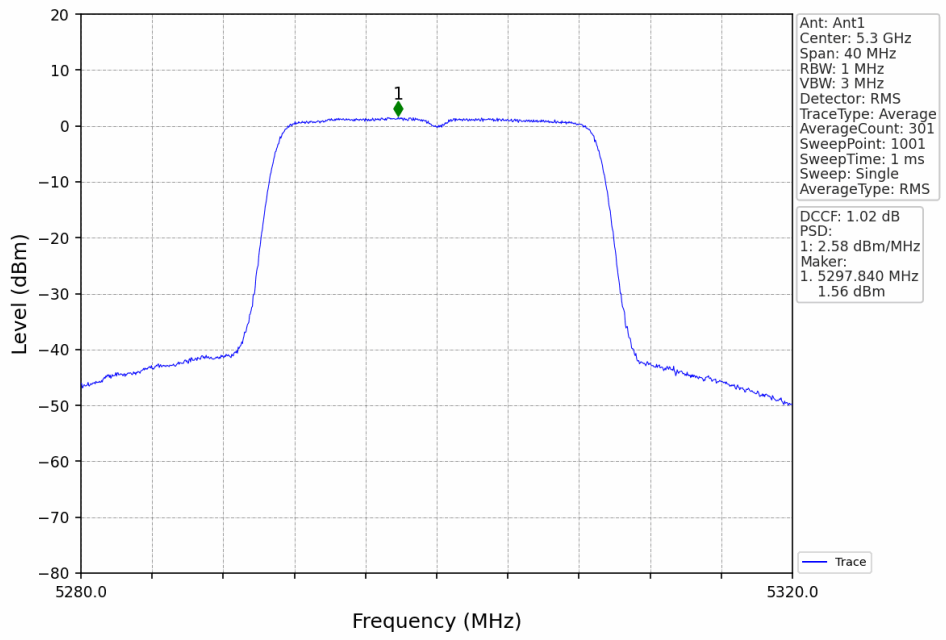
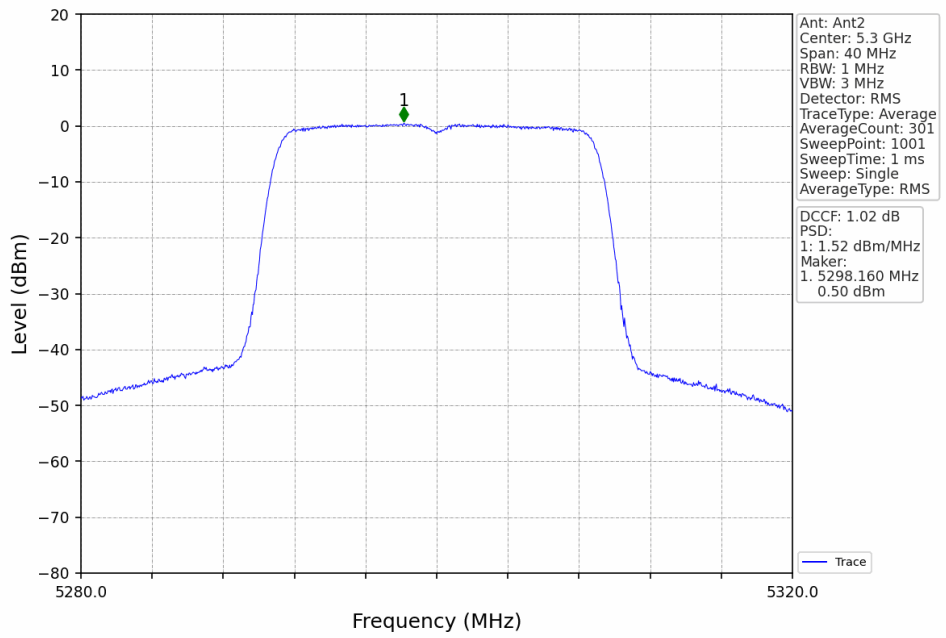
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



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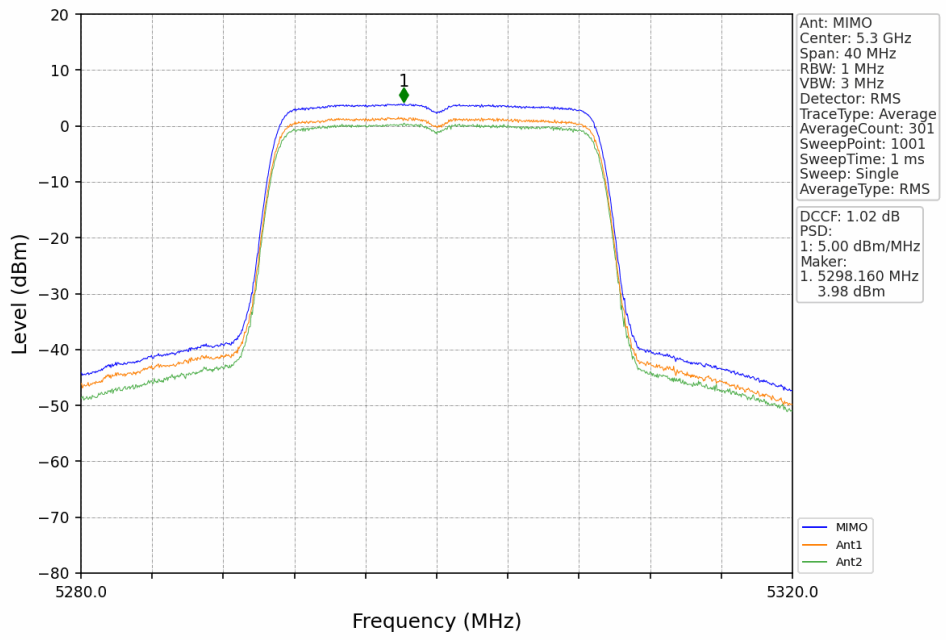
802.11n(HT20)_MCH_5300MHz_MIMO_NTNV



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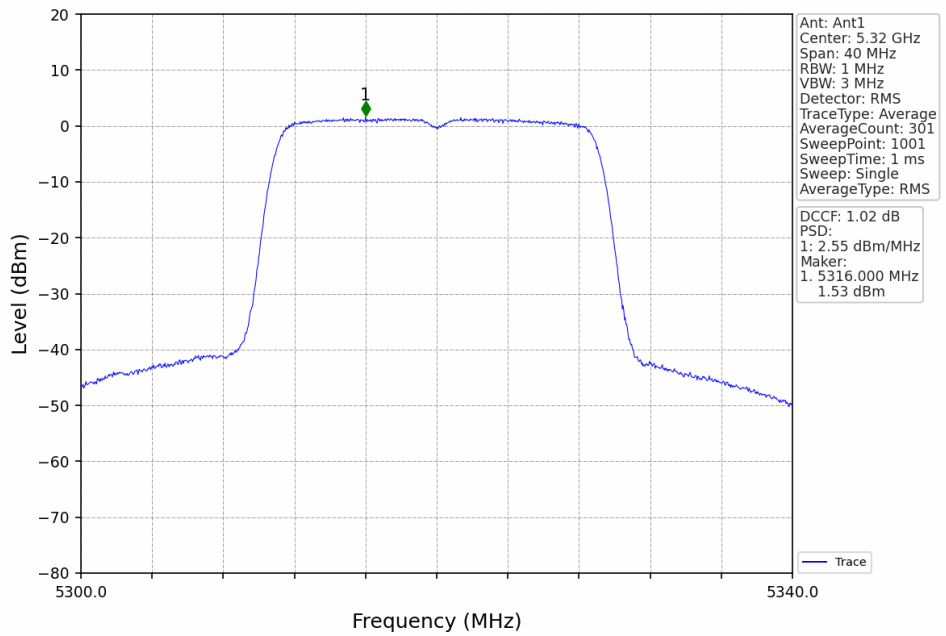

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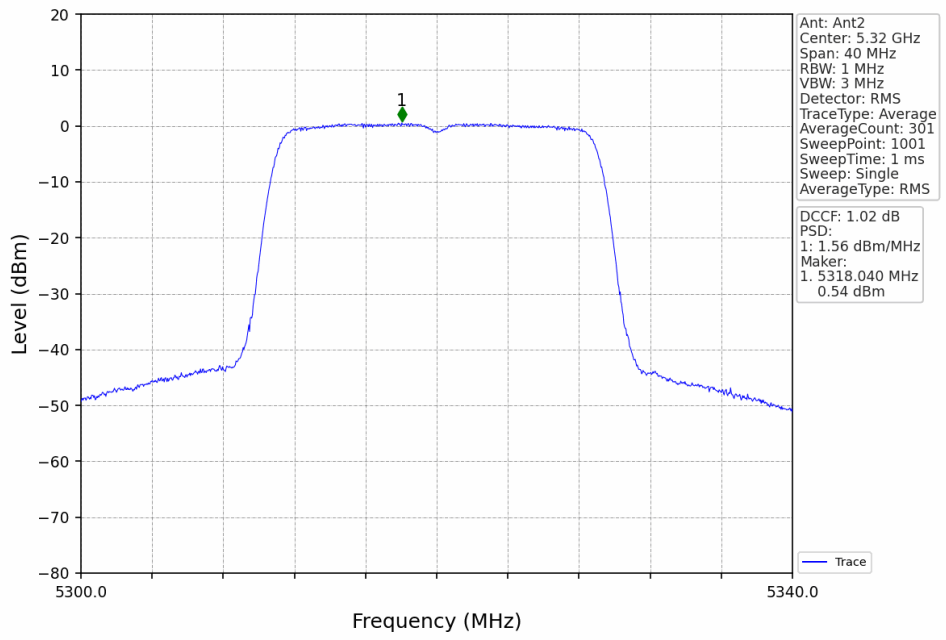
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



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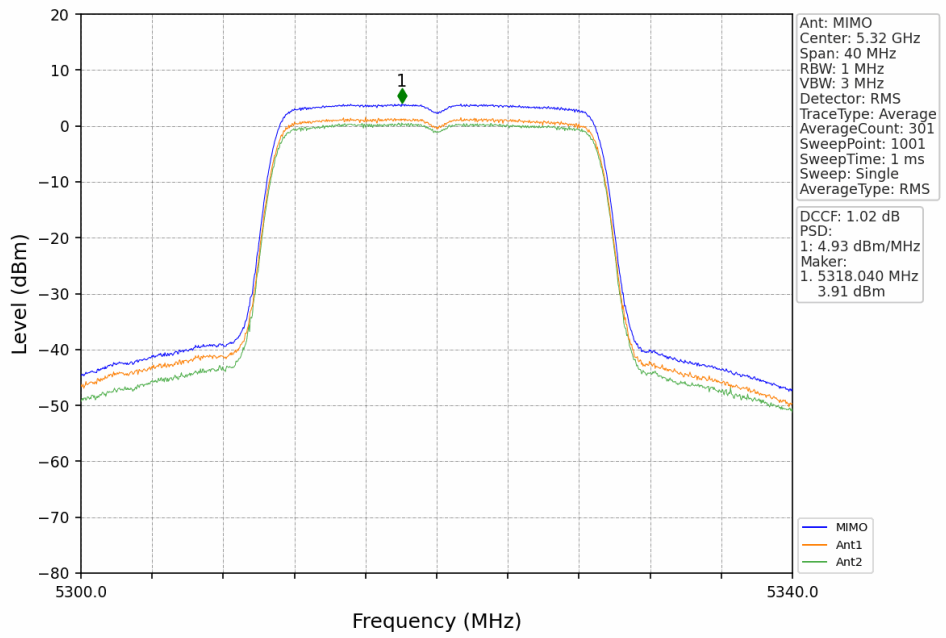

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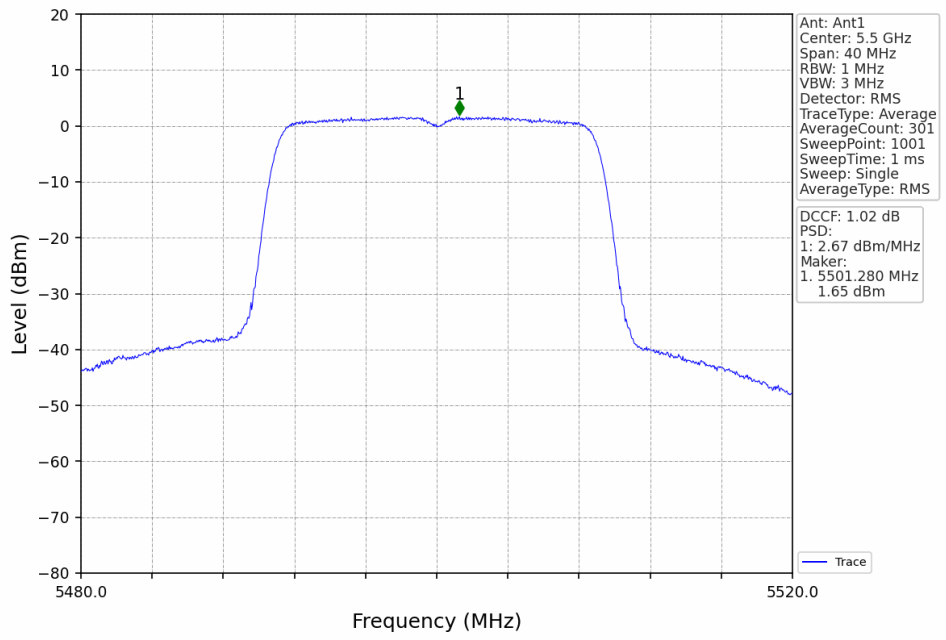
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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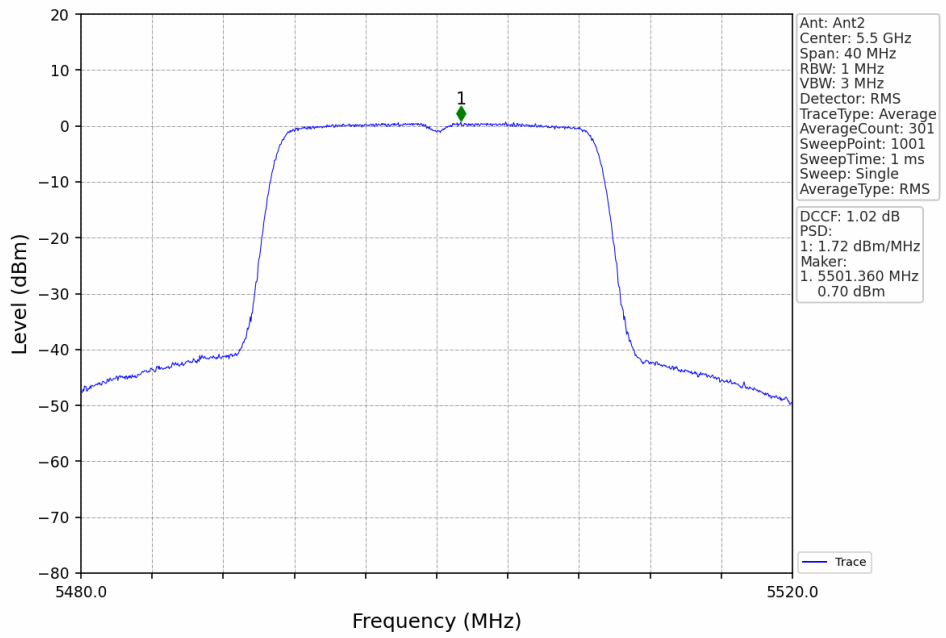

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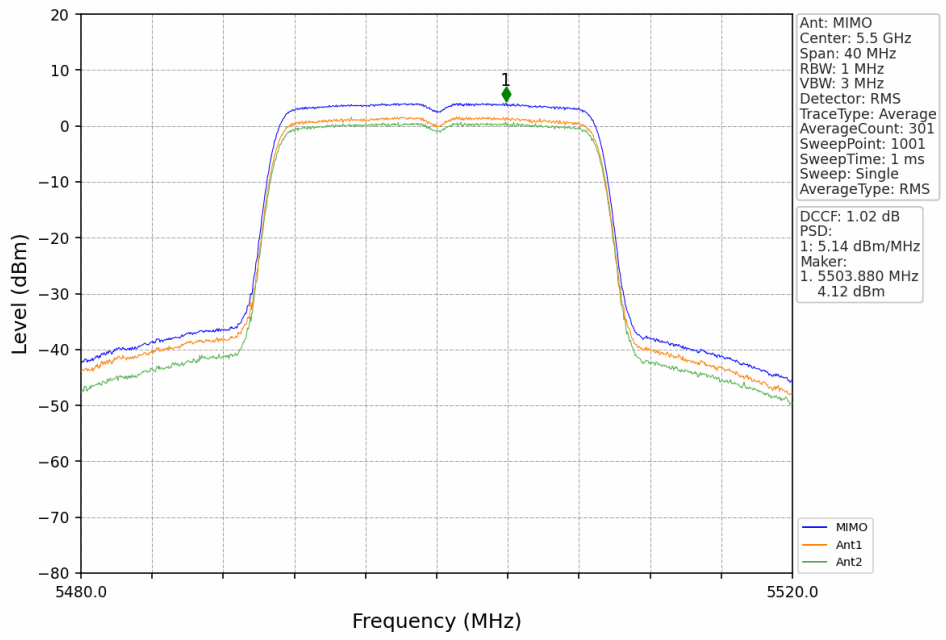
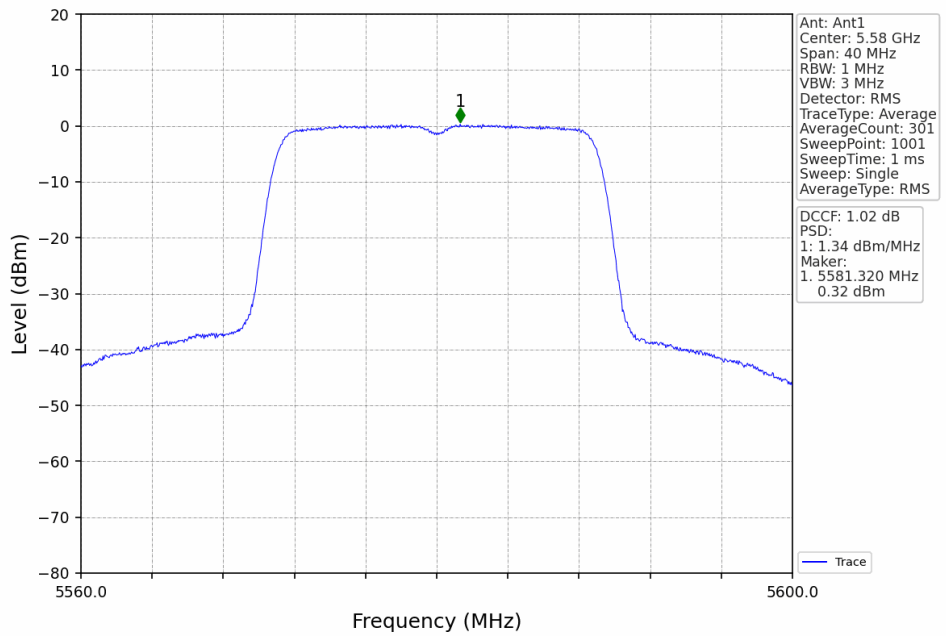
802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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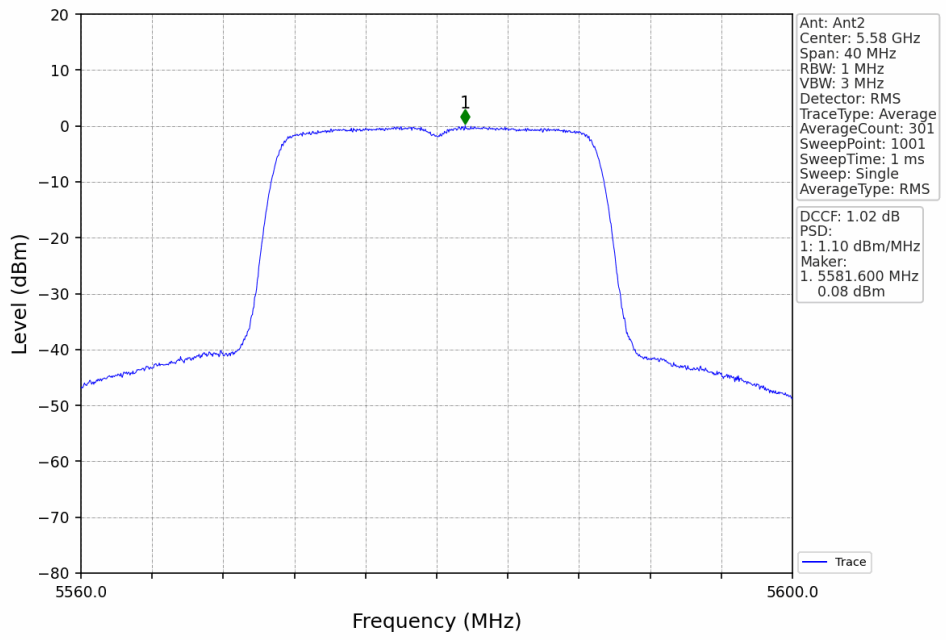
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



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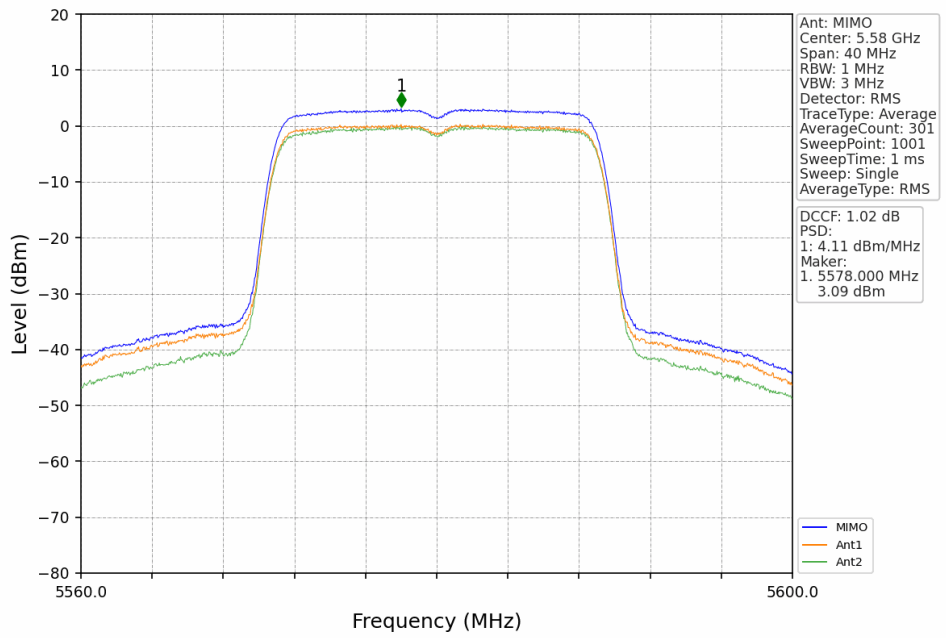

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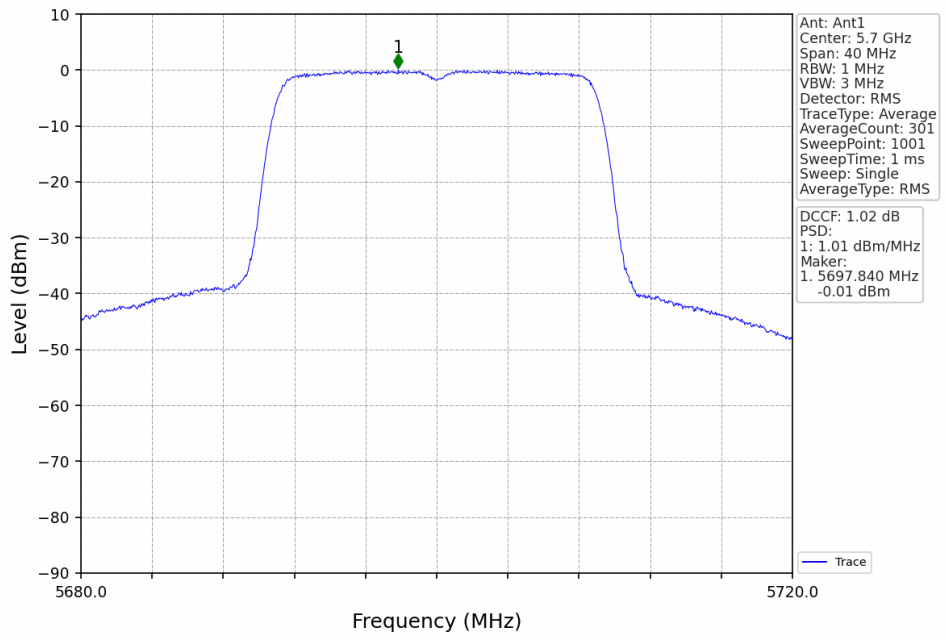
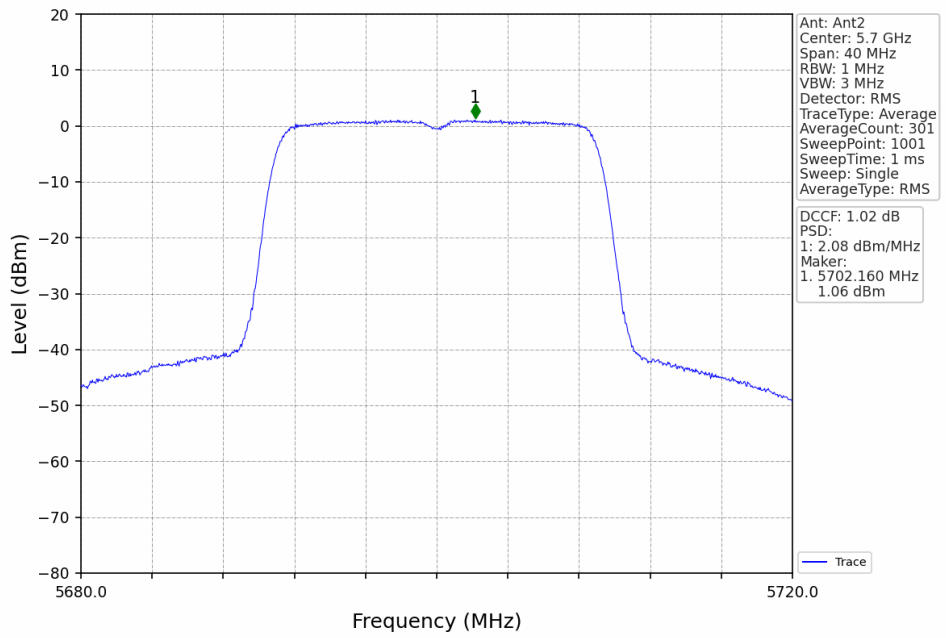
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



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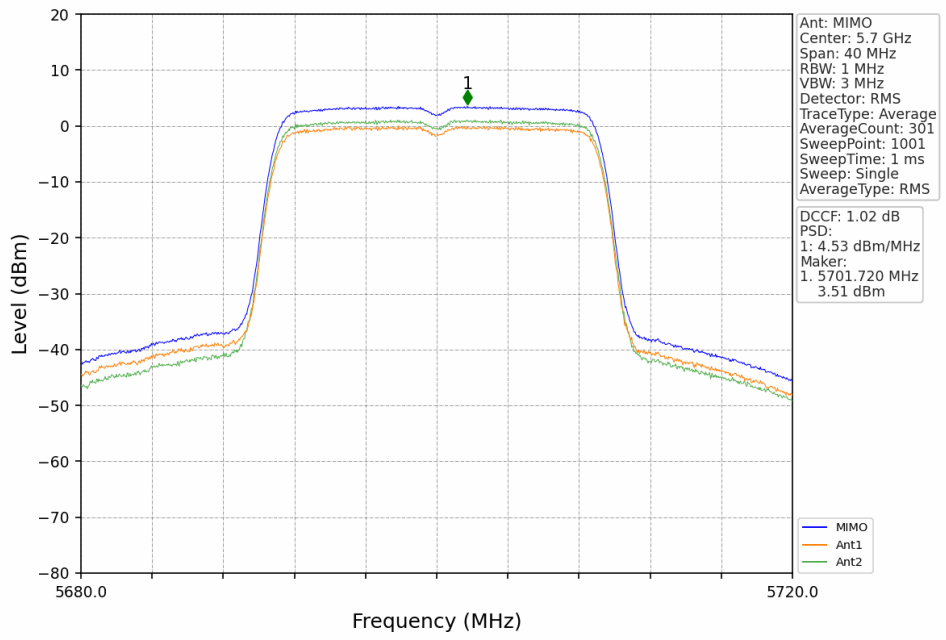
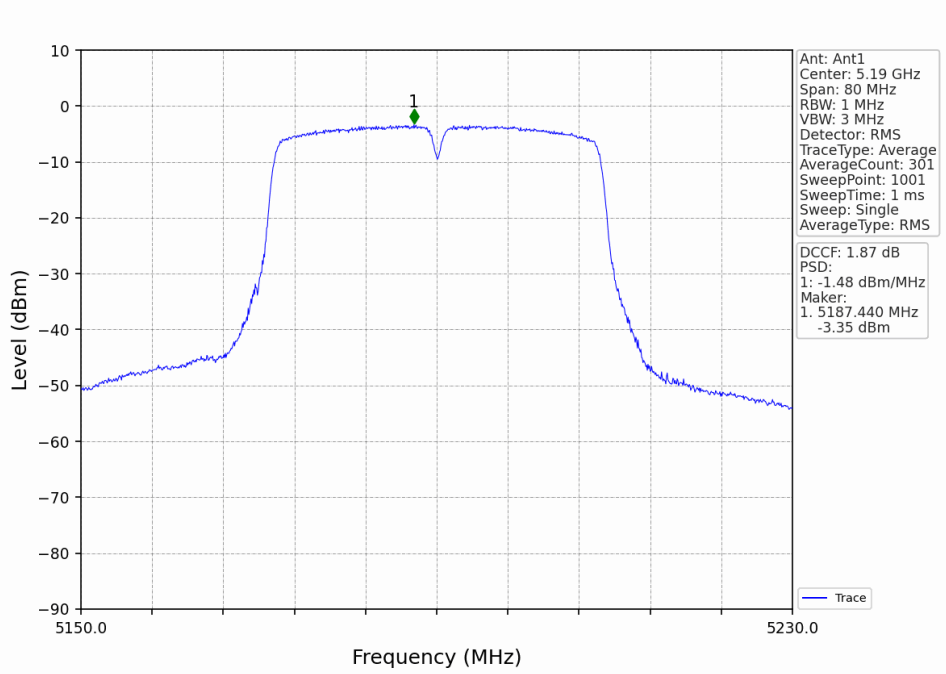
802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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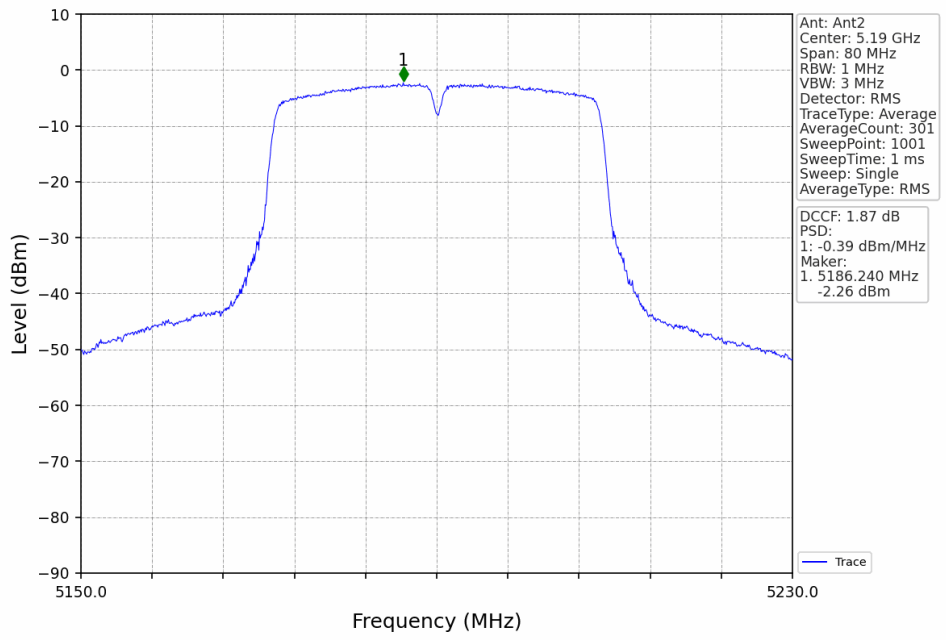
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



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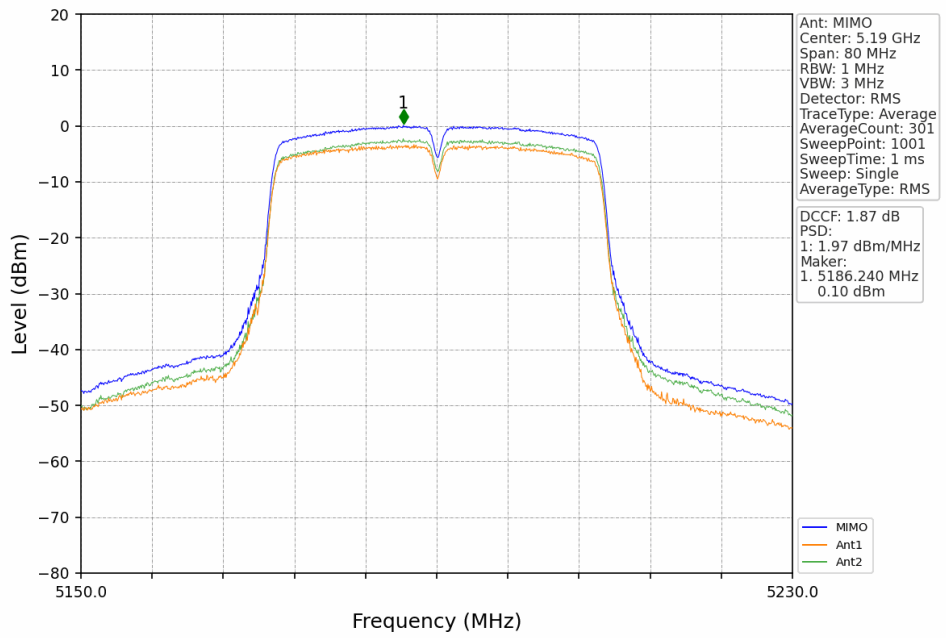

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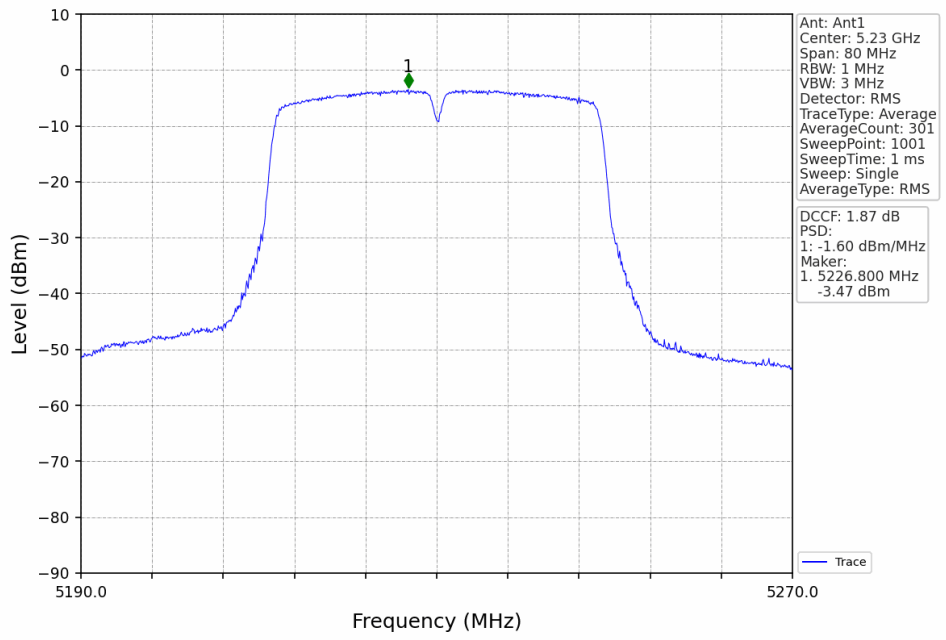
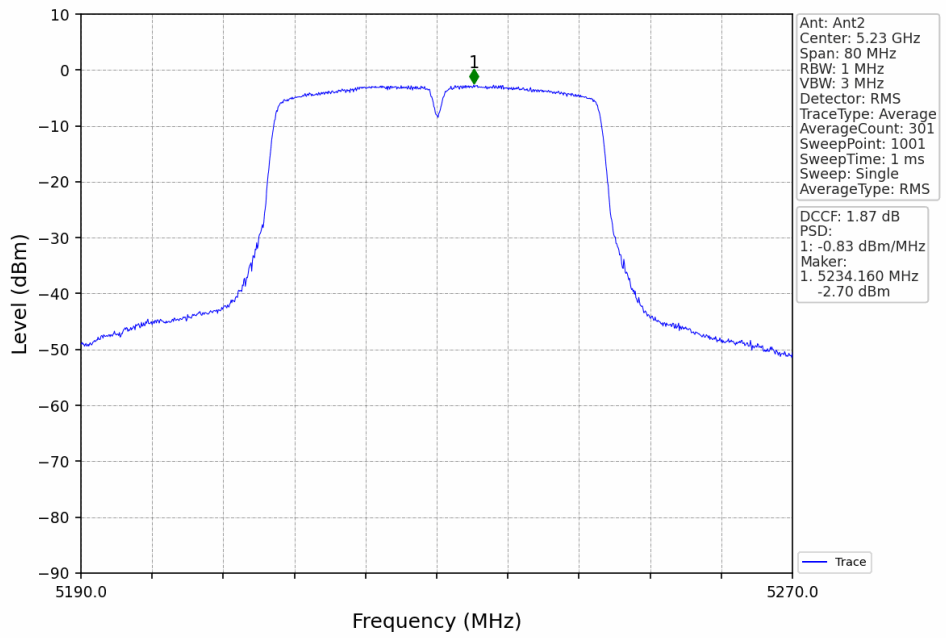
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



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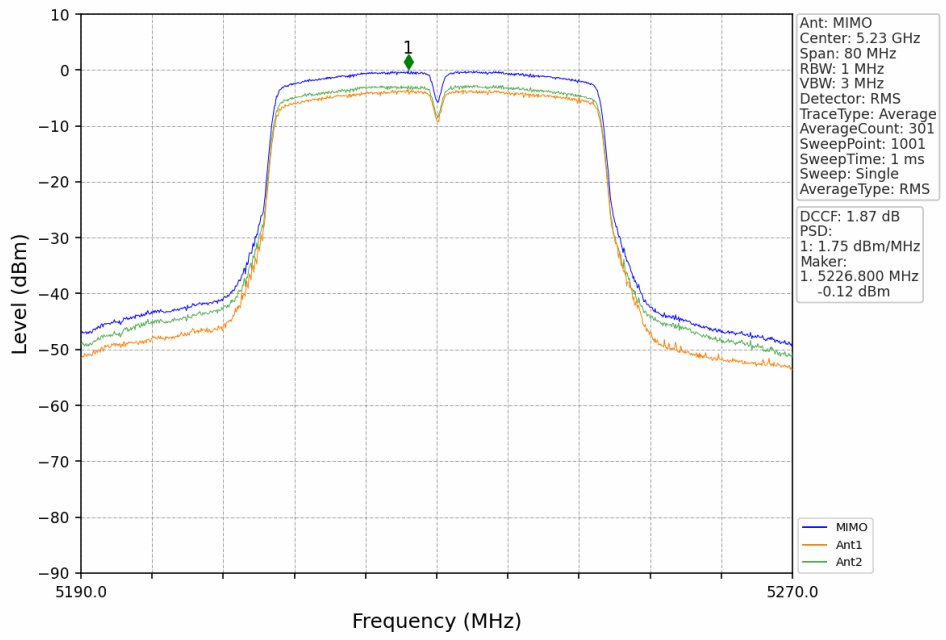
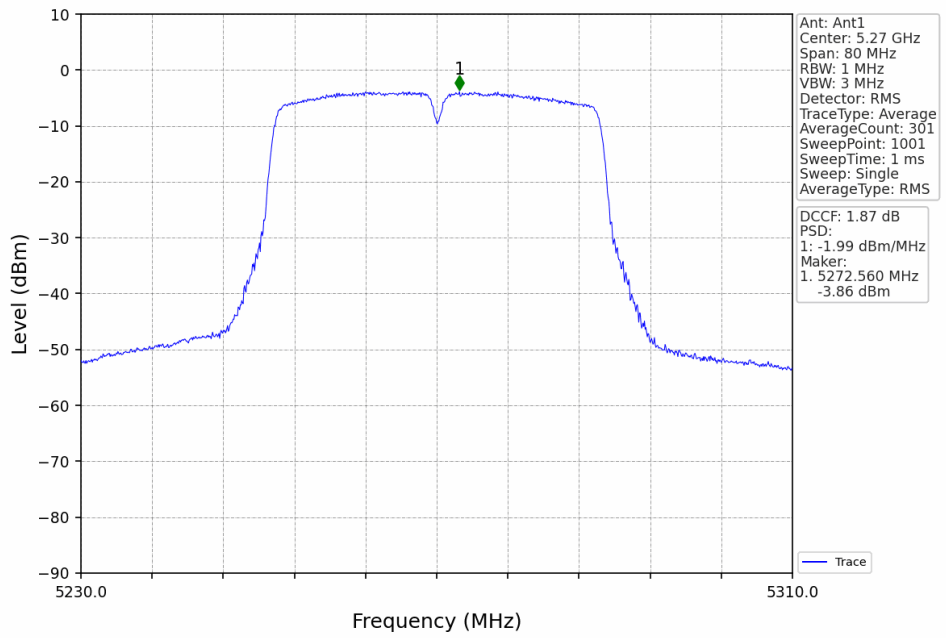
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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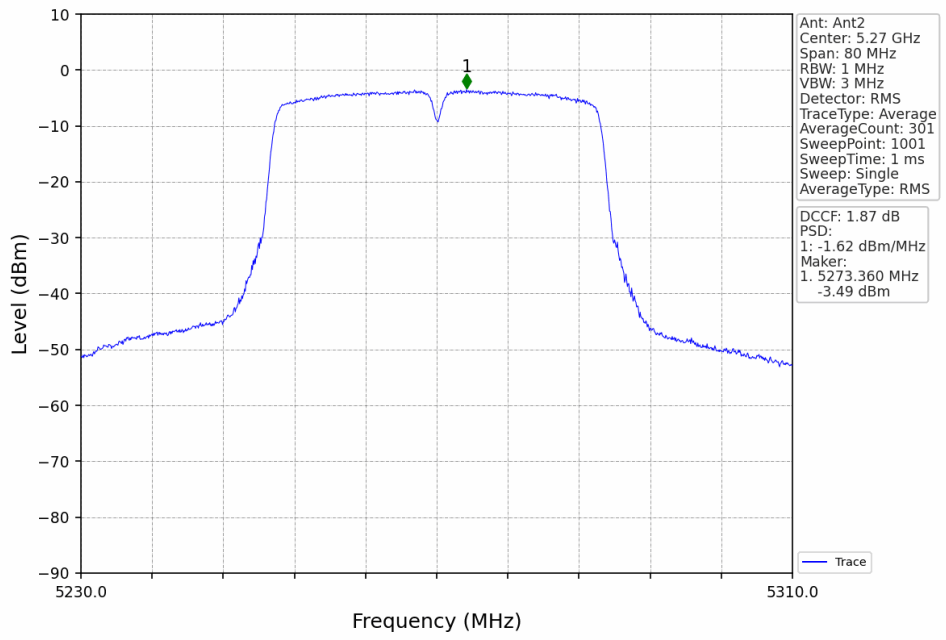
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



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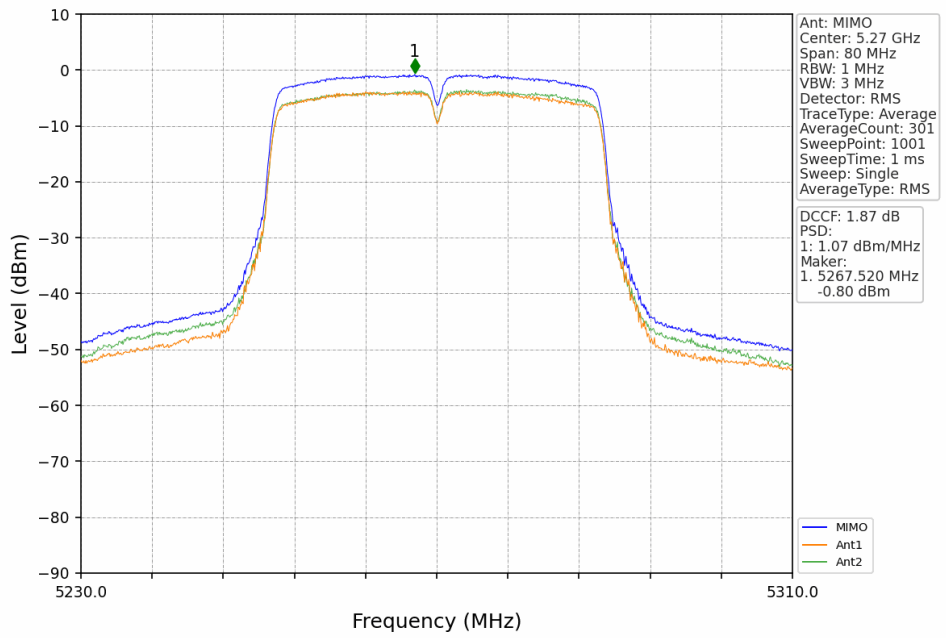

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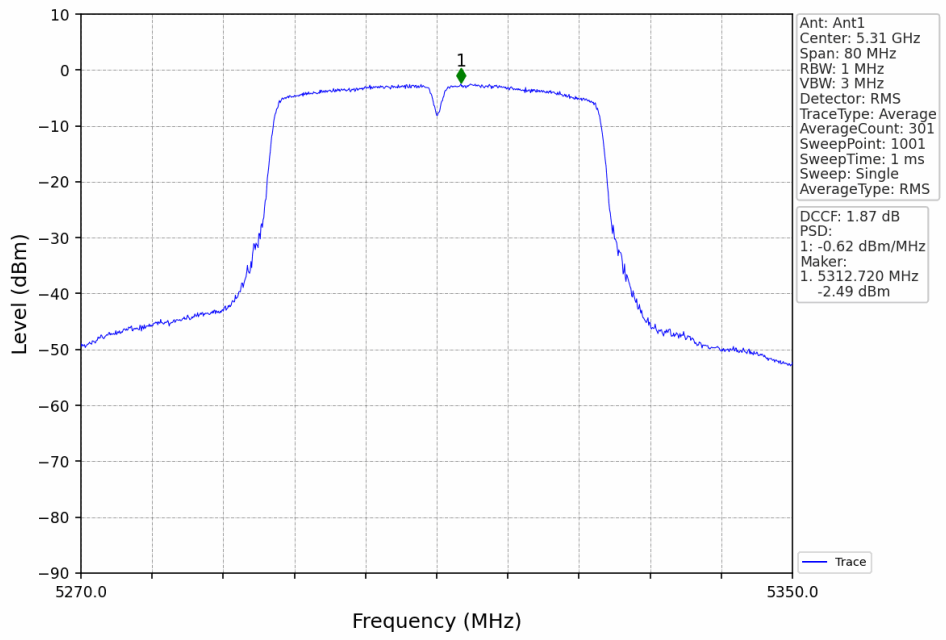
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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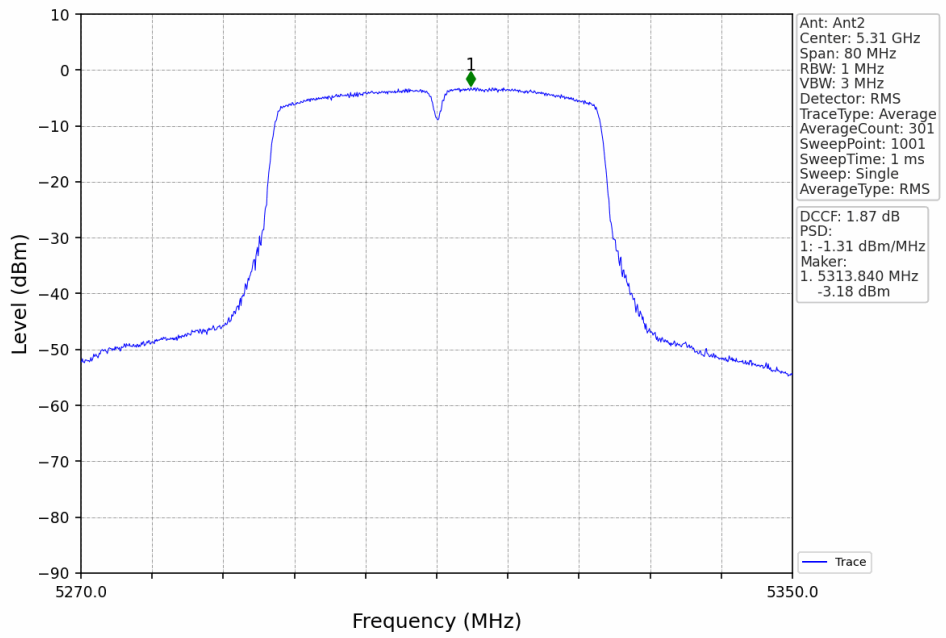

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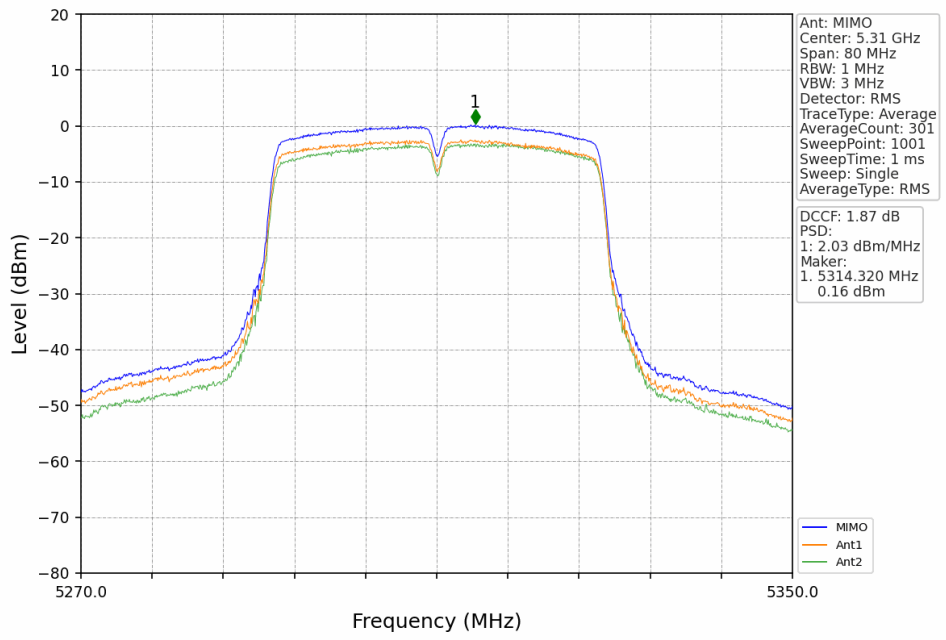
802.11n(HT40)_HCH_5310MHz_MIMO_NTNV



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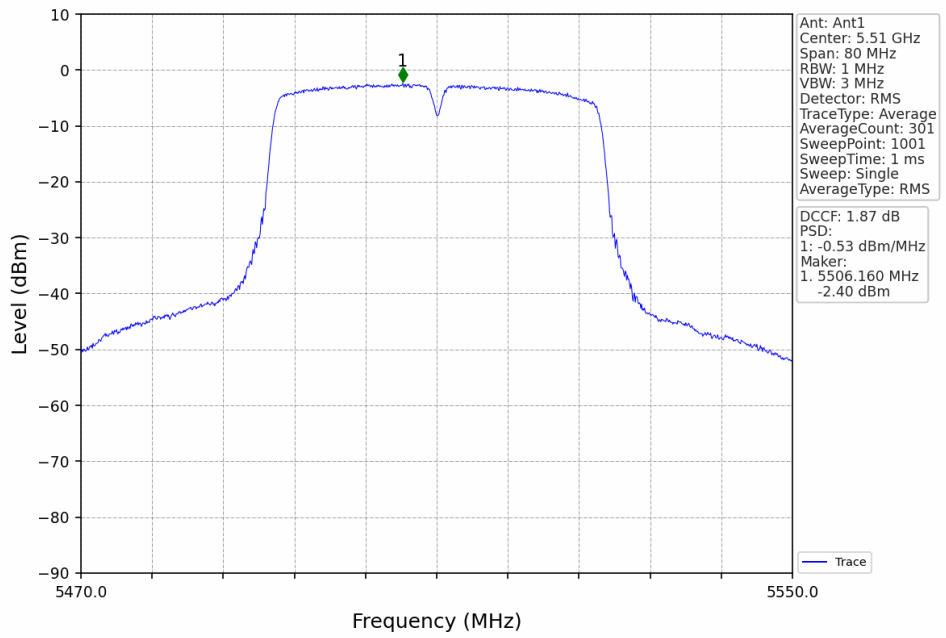

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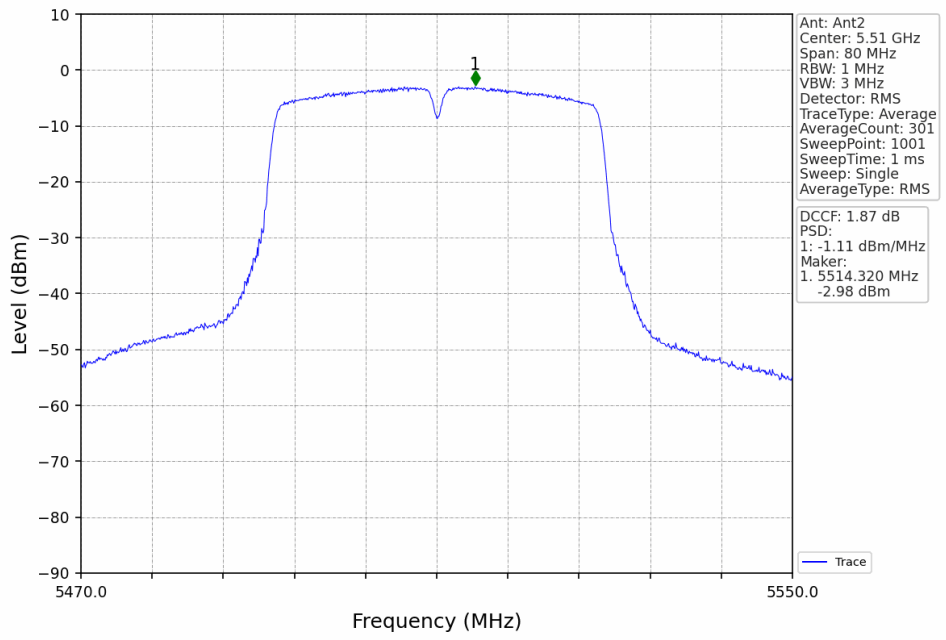
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



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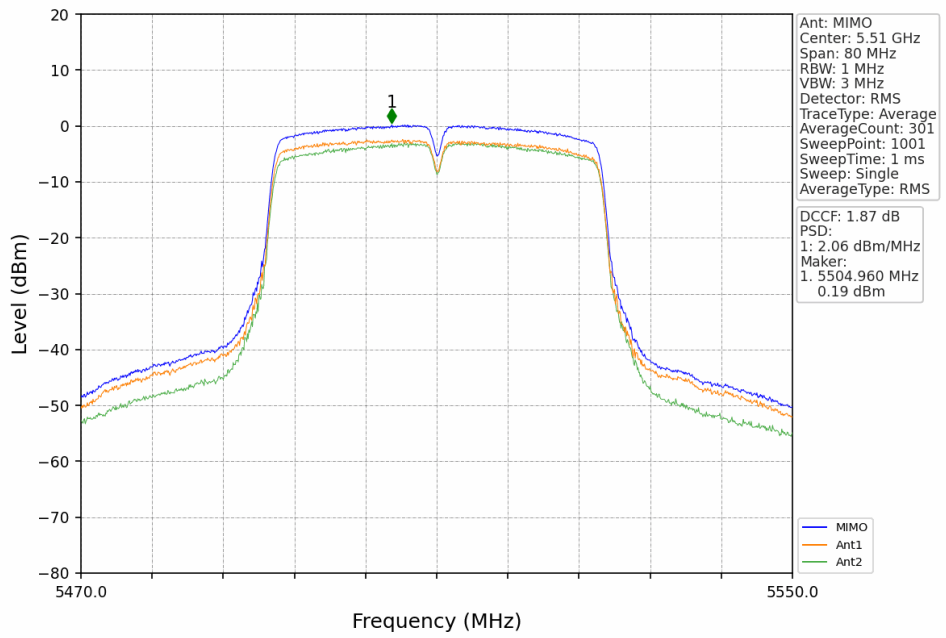

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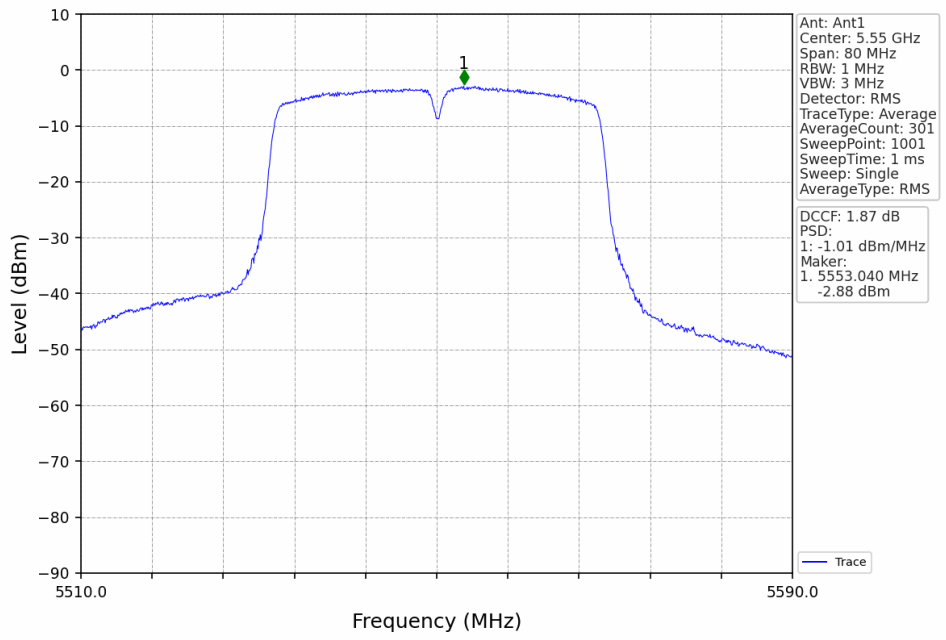
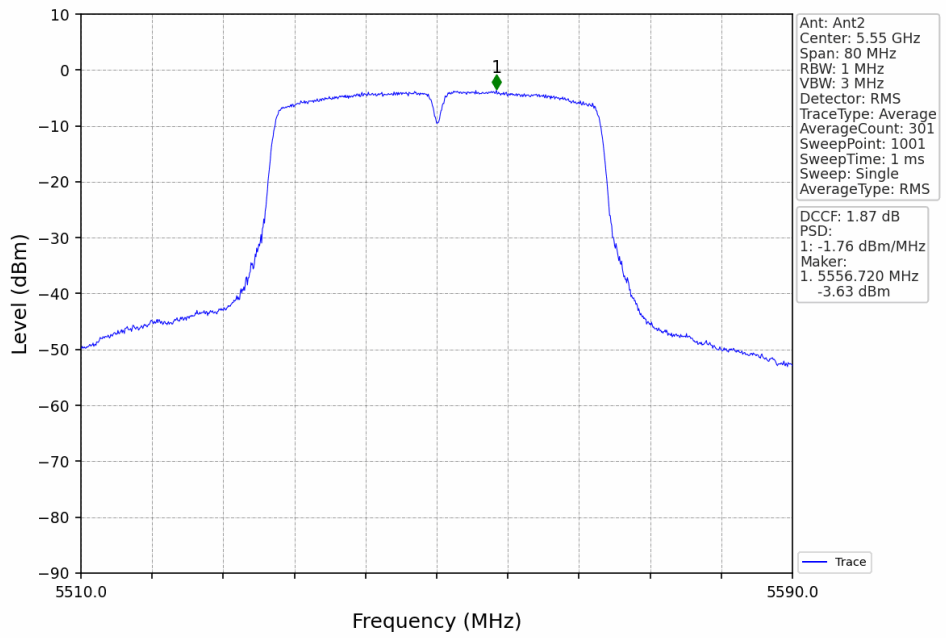
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



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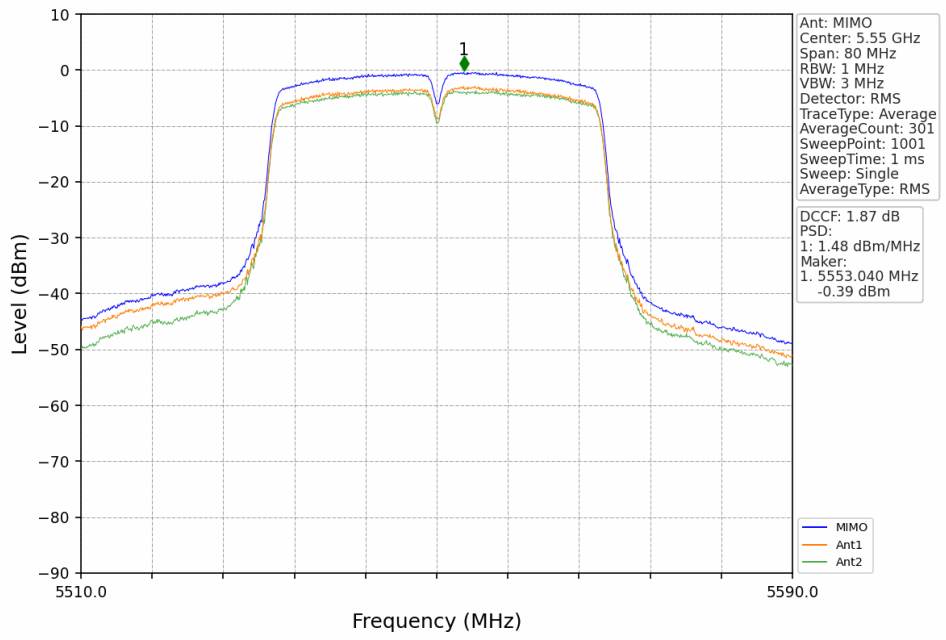
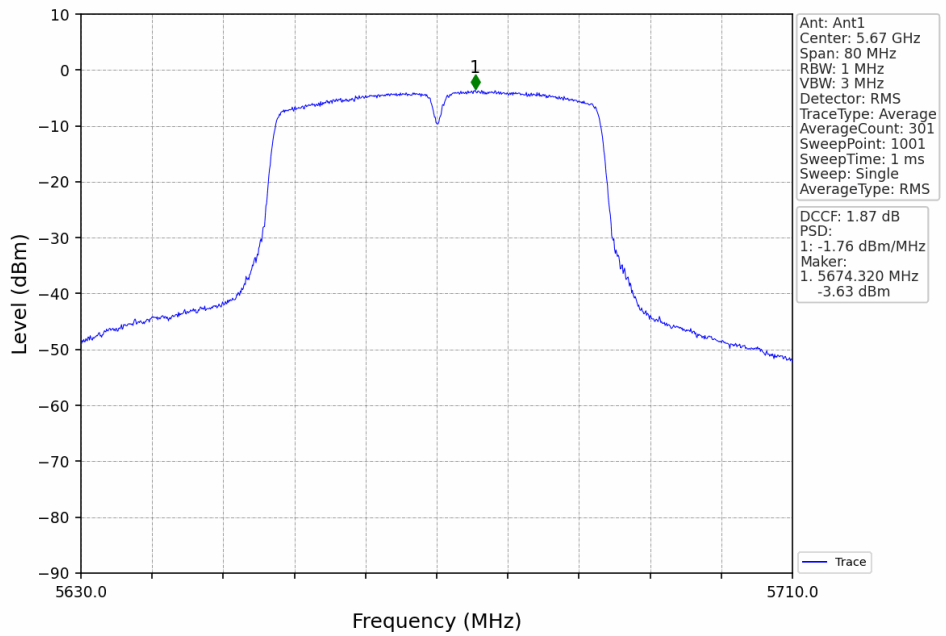
802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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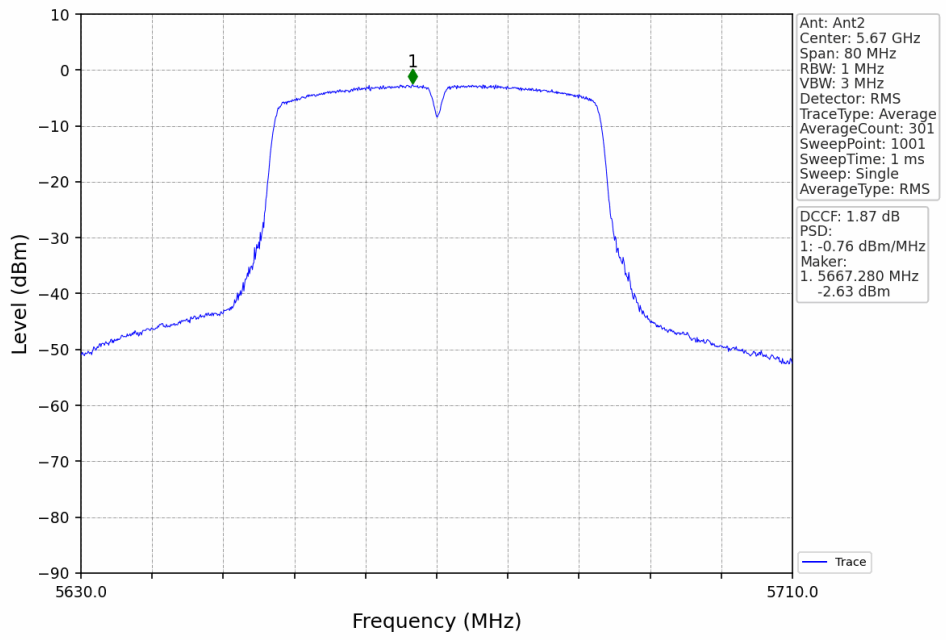
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



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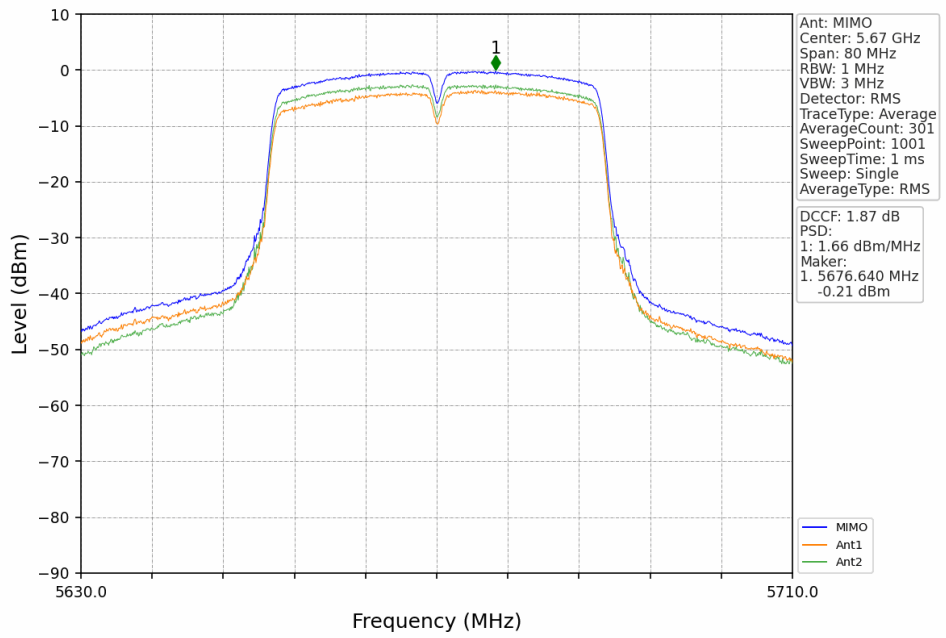

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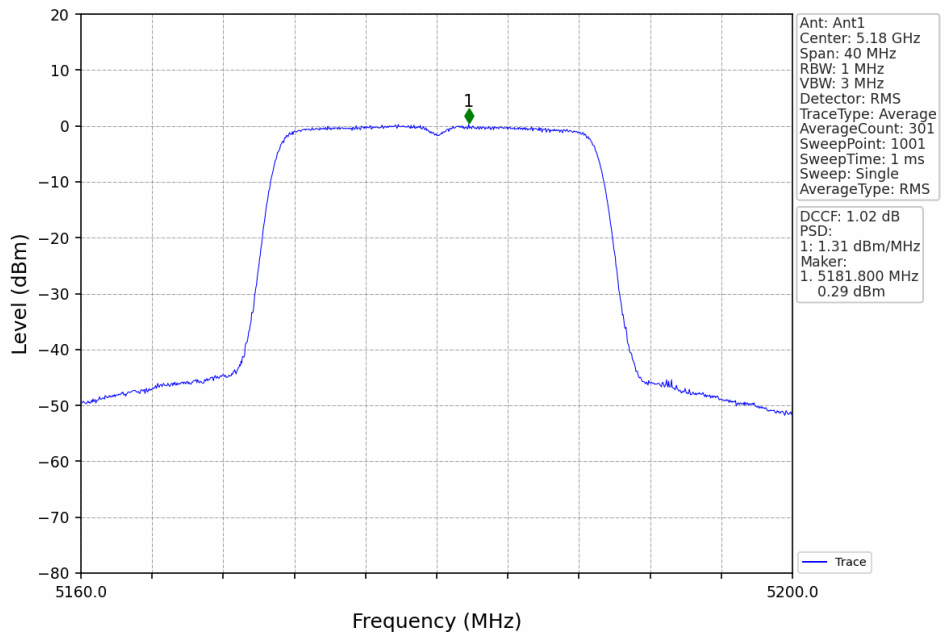
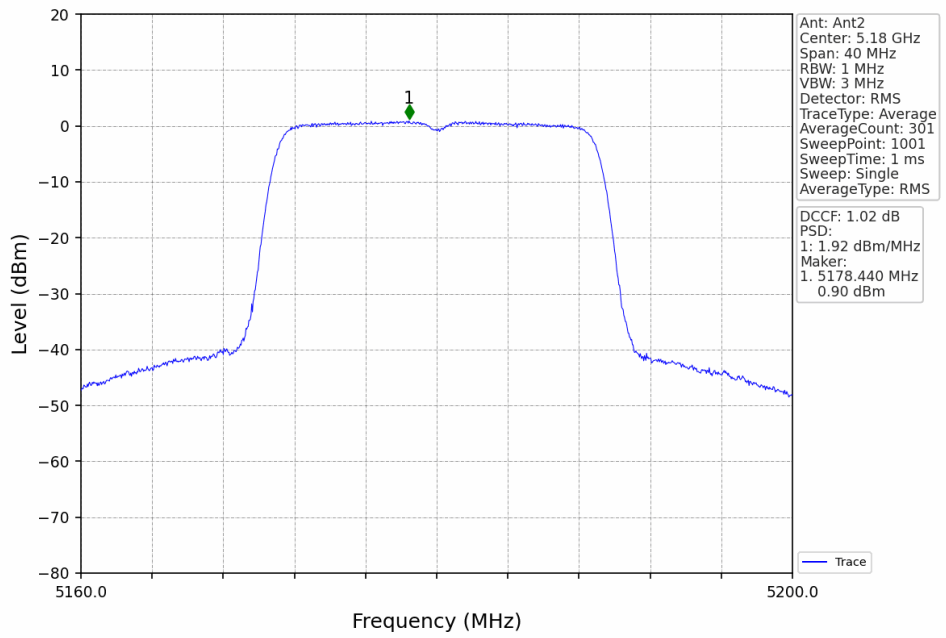
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



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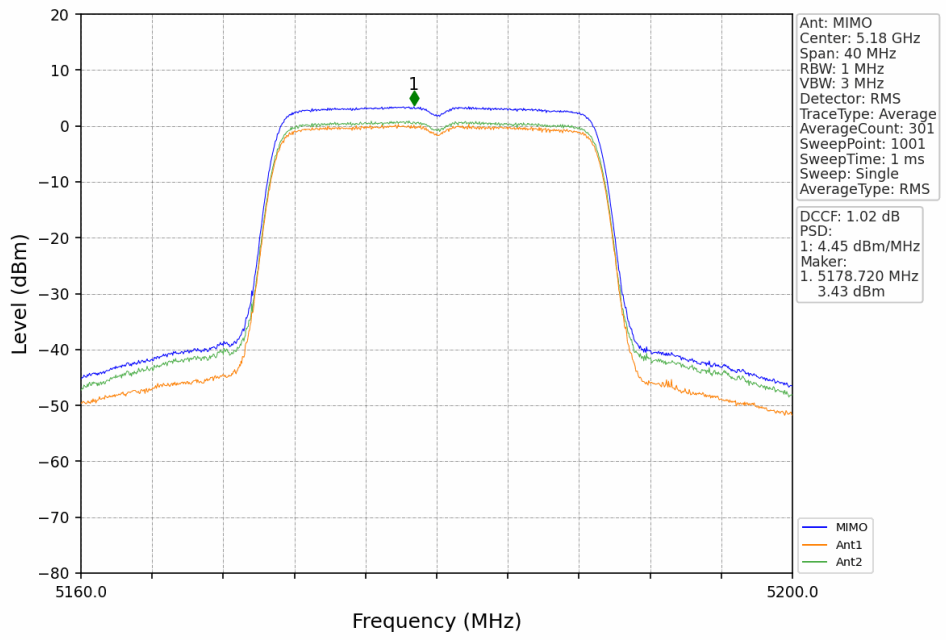
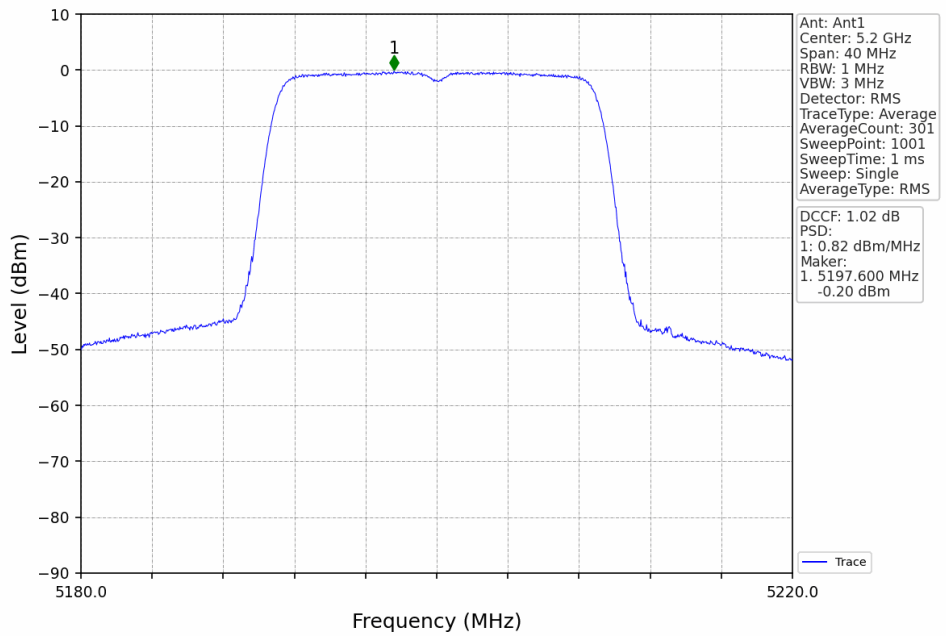
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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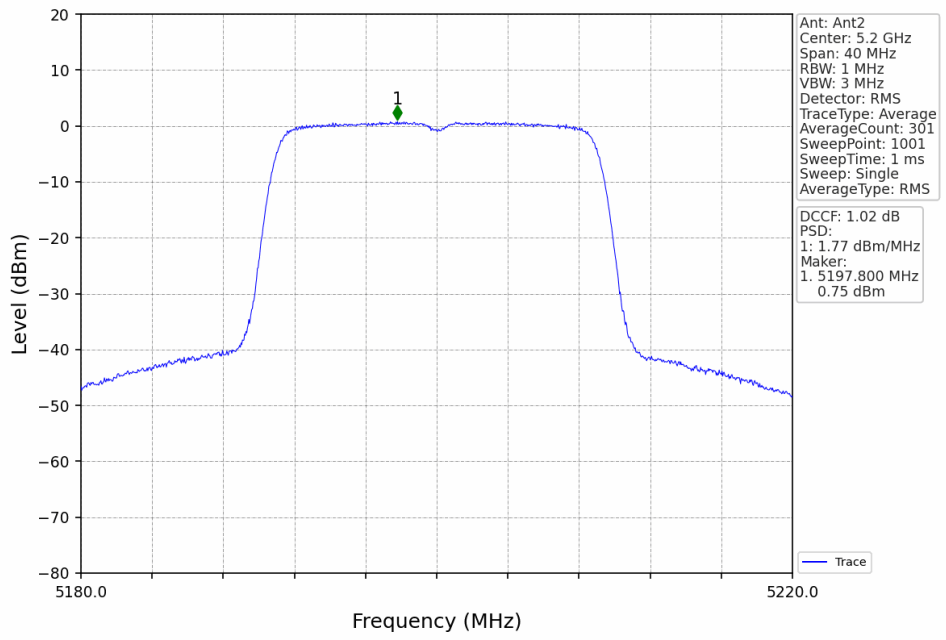
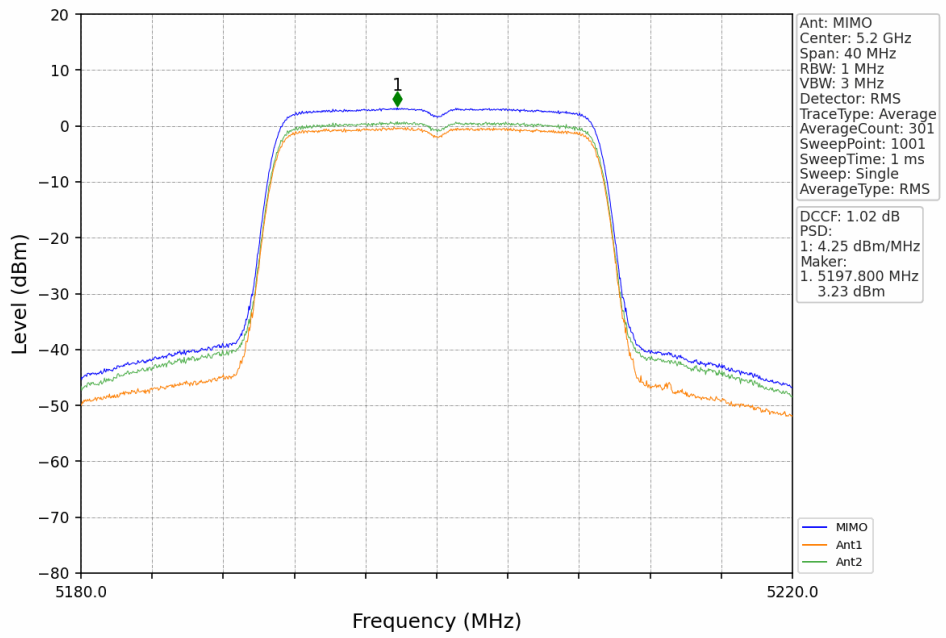
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



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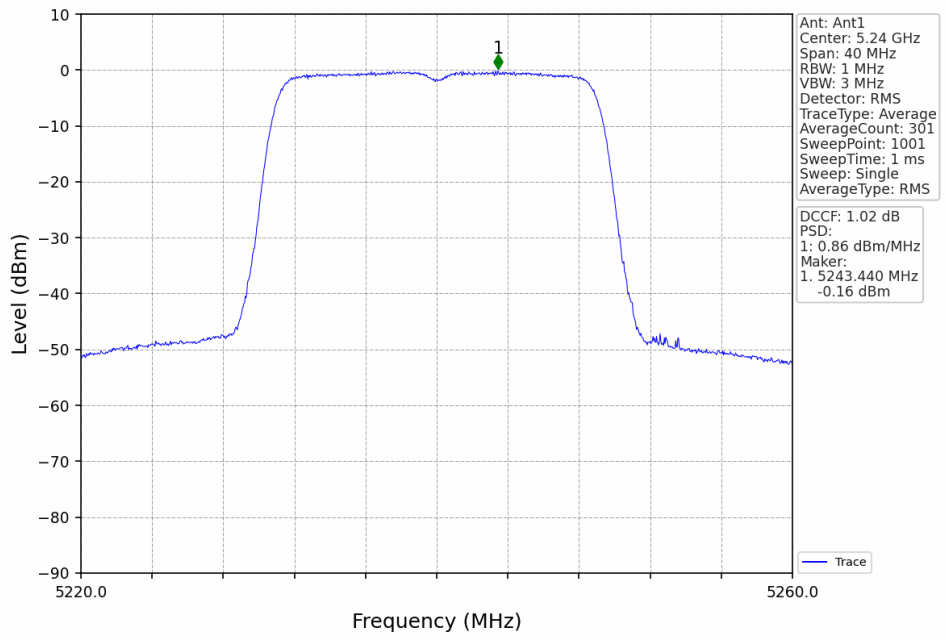
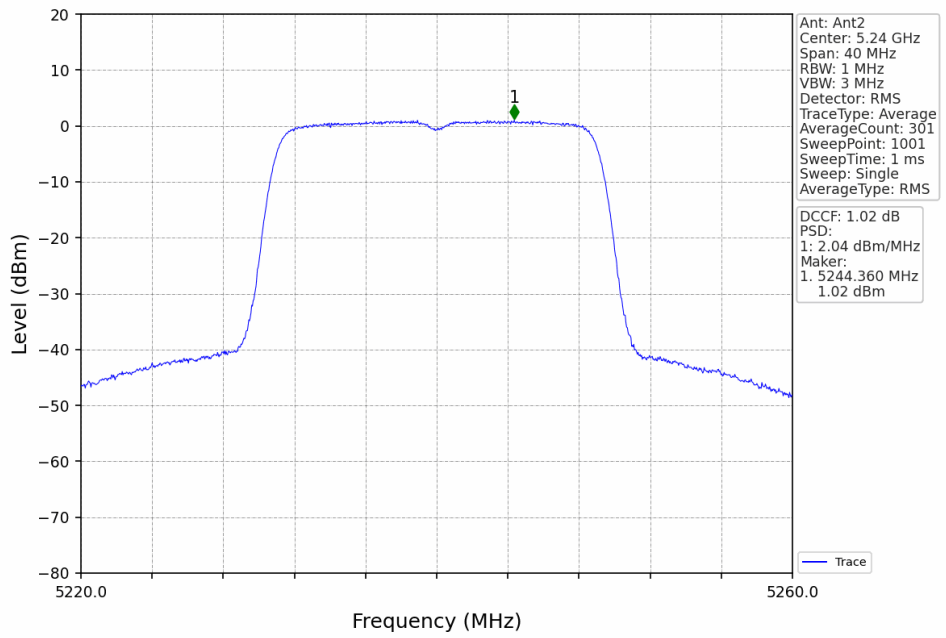
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



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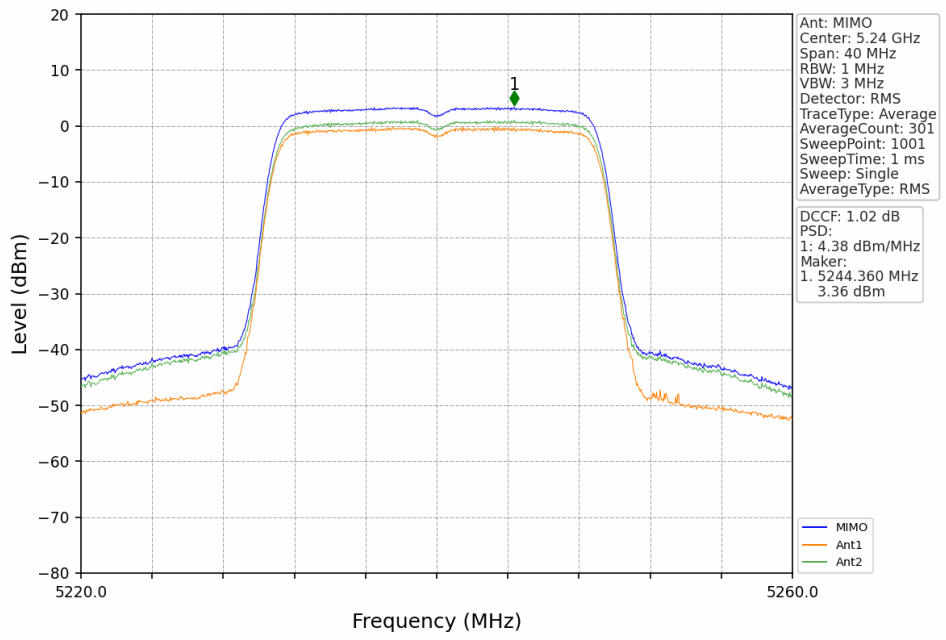
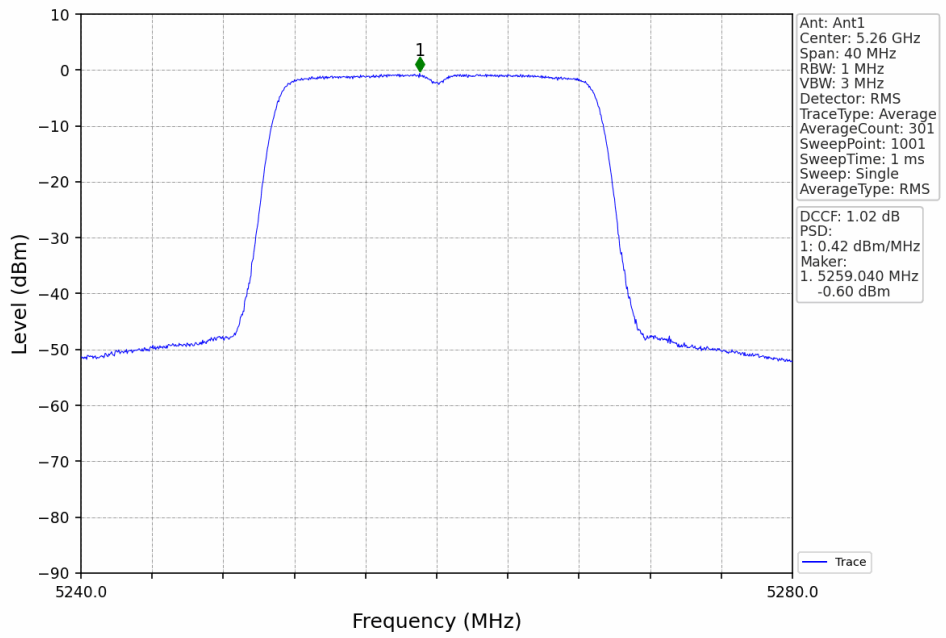
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



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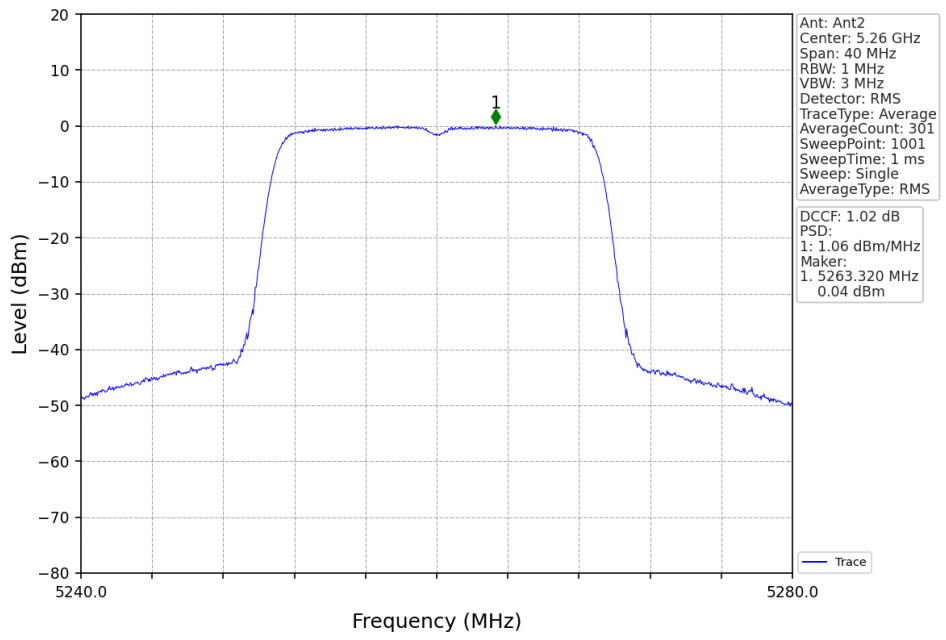
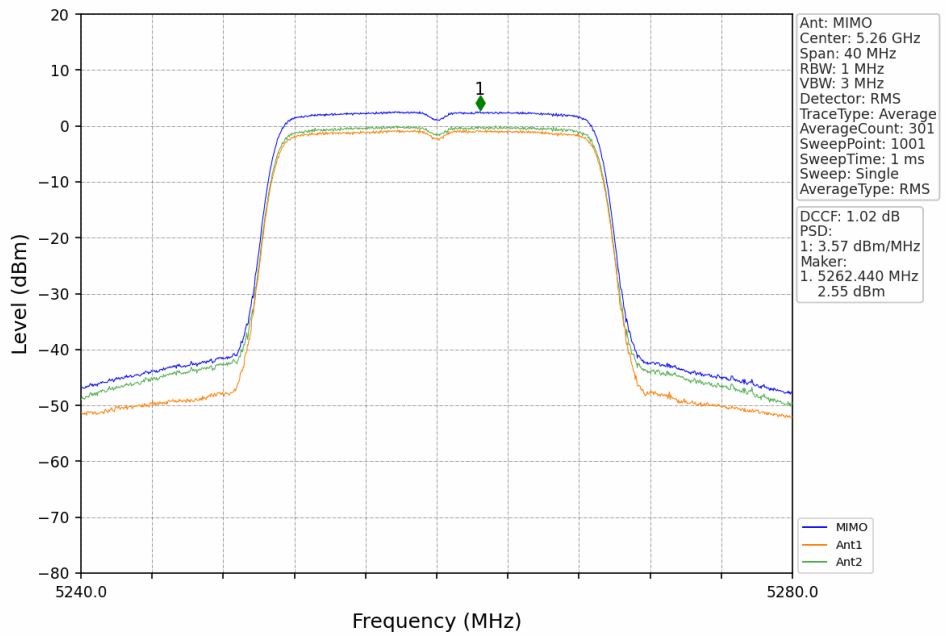
802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5260MHz_MIMO_NTNV



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