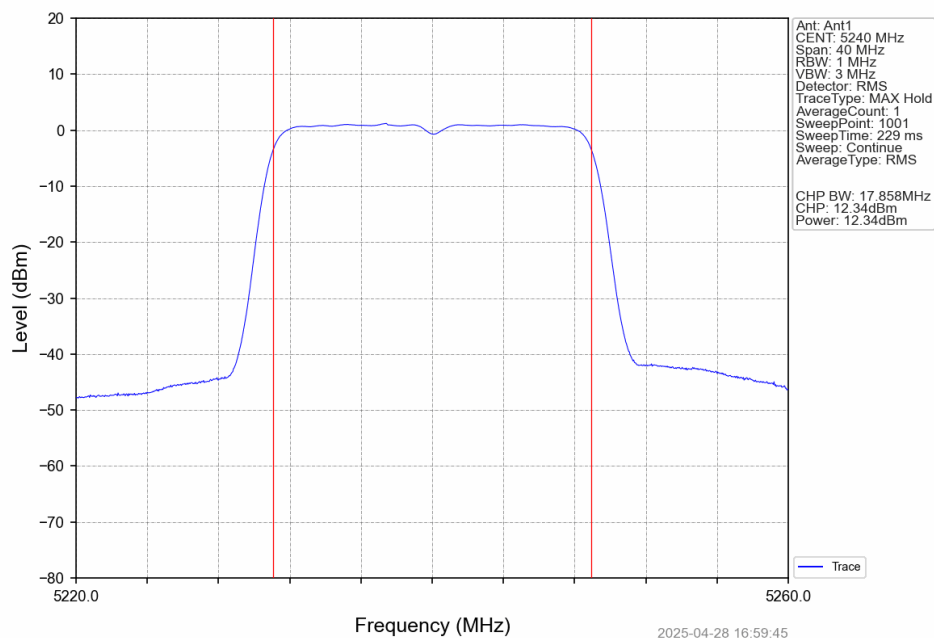
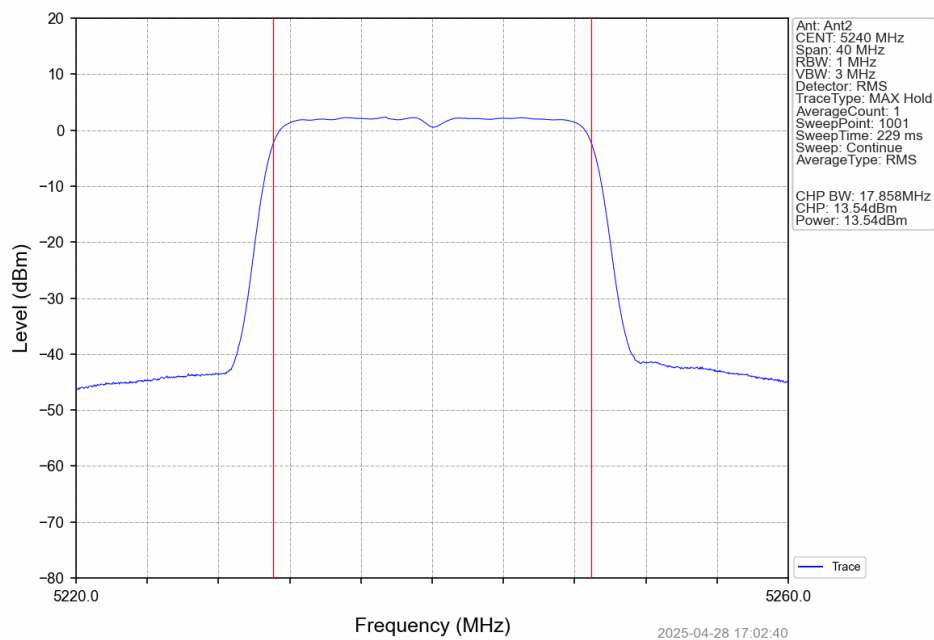


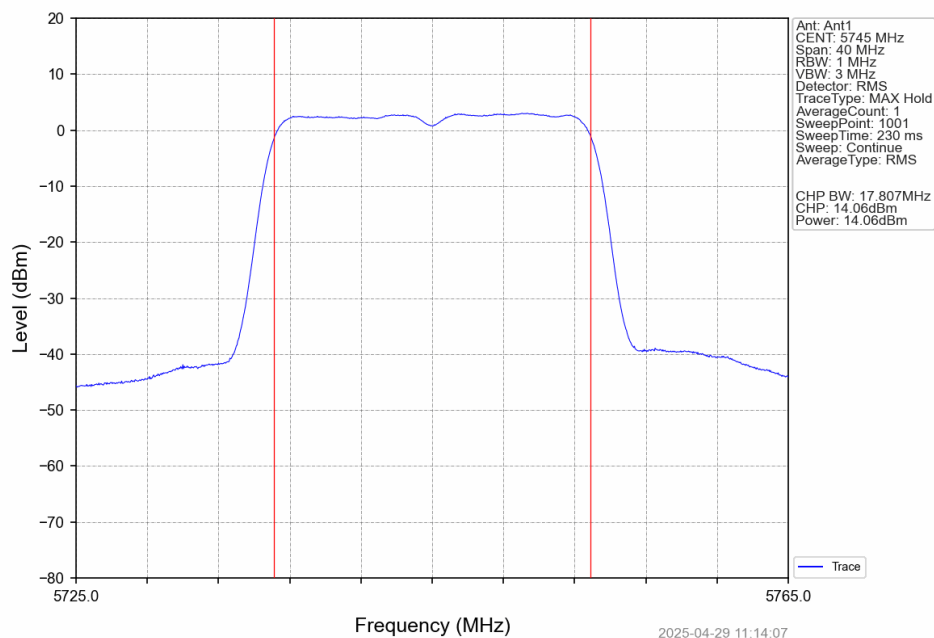
802.11n (HT20) _HCH_5240MHz_Ant1_NTNV



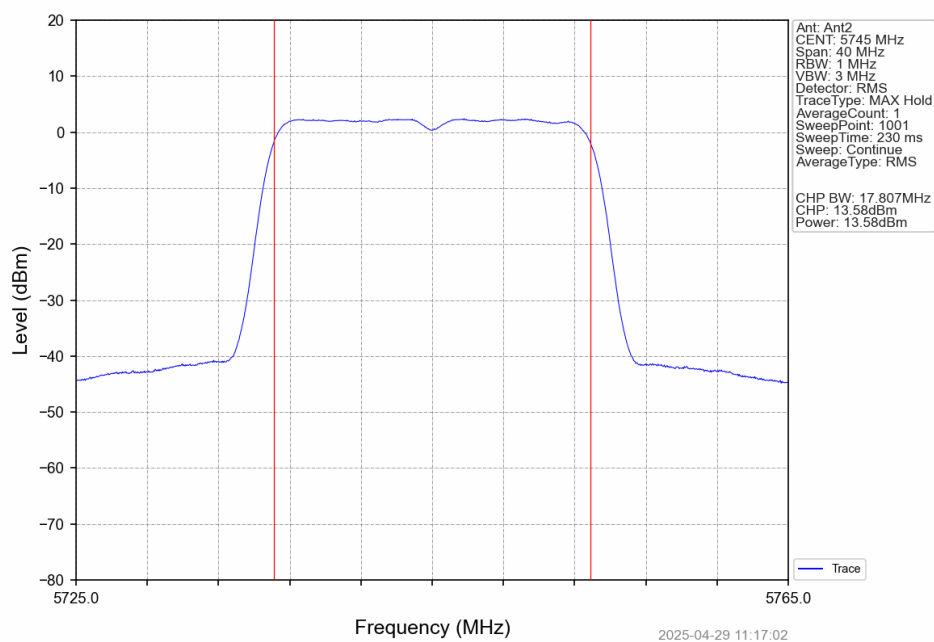
802.11n (HT20) _HCH_5240MHz_Ant2_NTNV



802.11n (HT20) _LCH_5745MHz_Ant1_NTNV

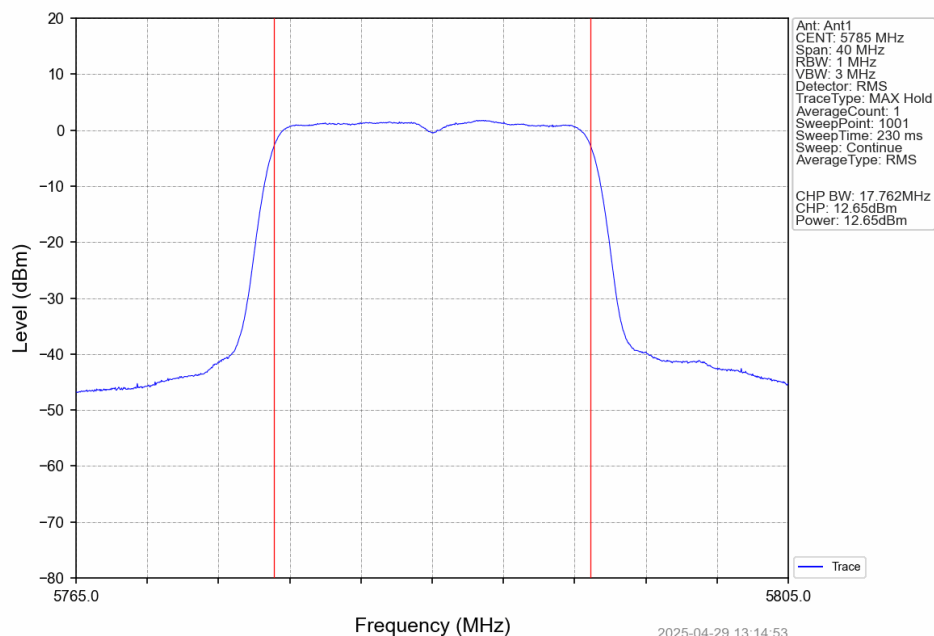


802.11n (HT20) _LCH_5745MHz_Ant2_NTNV

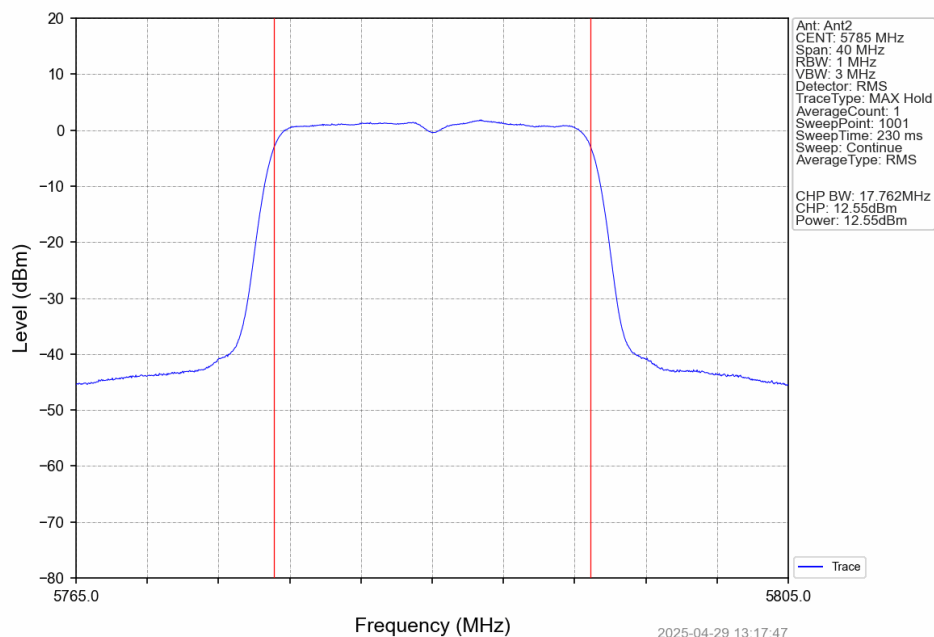




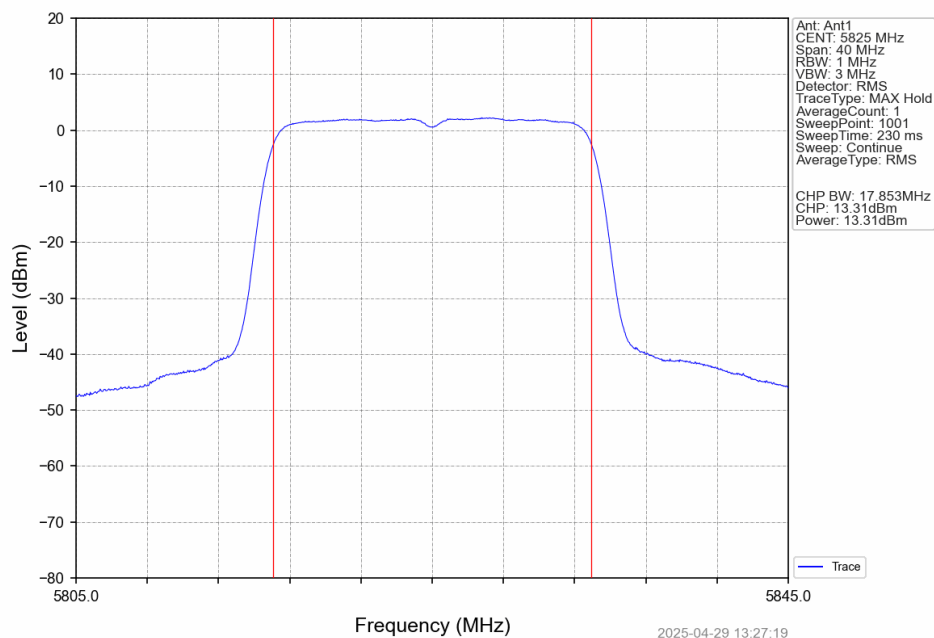
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



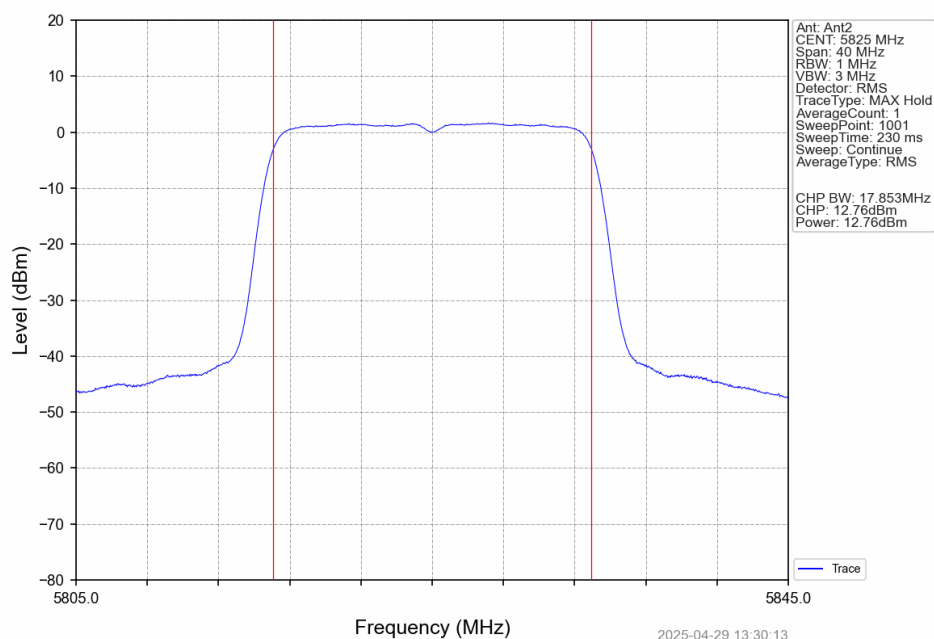
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



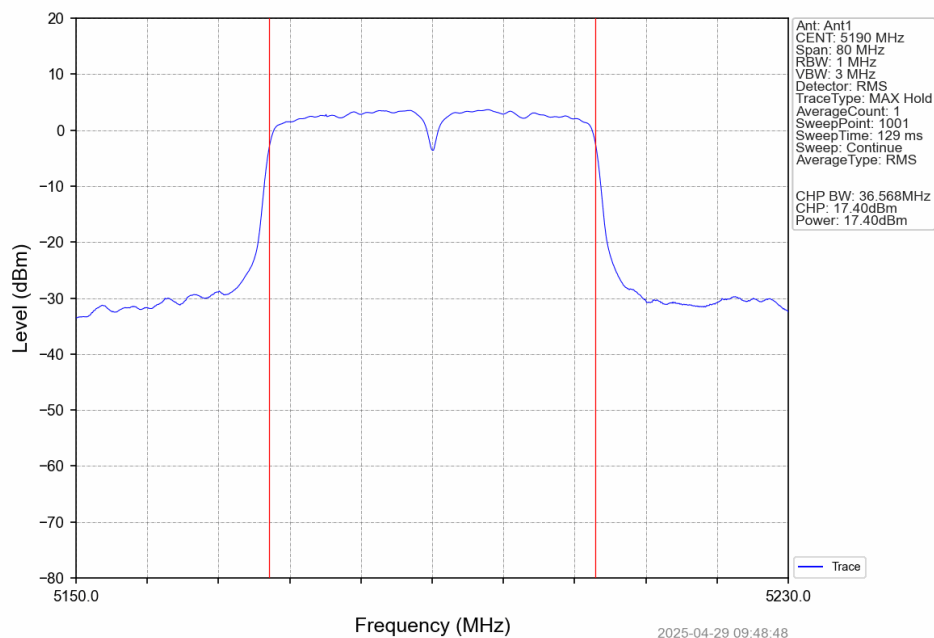
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



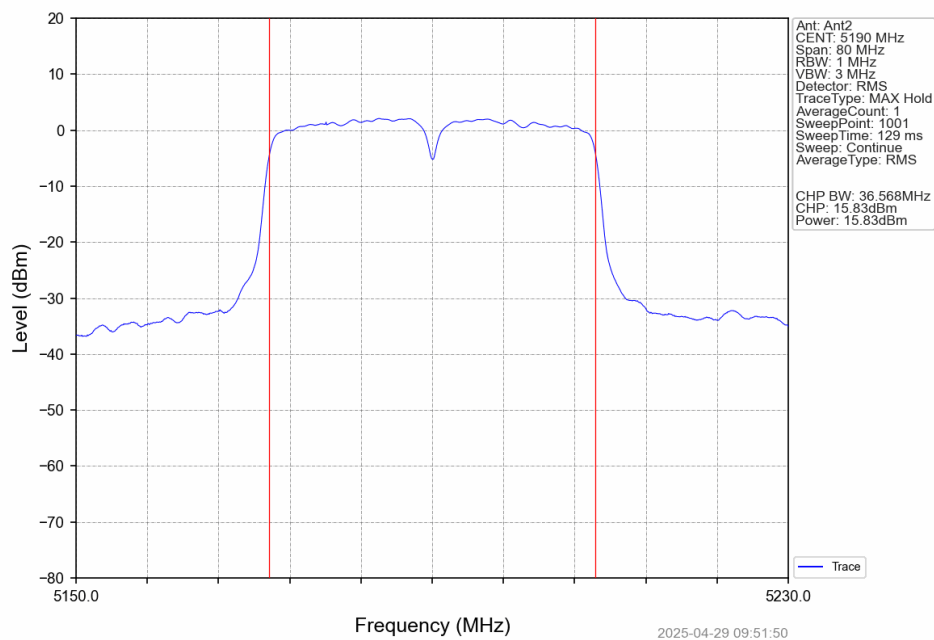
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



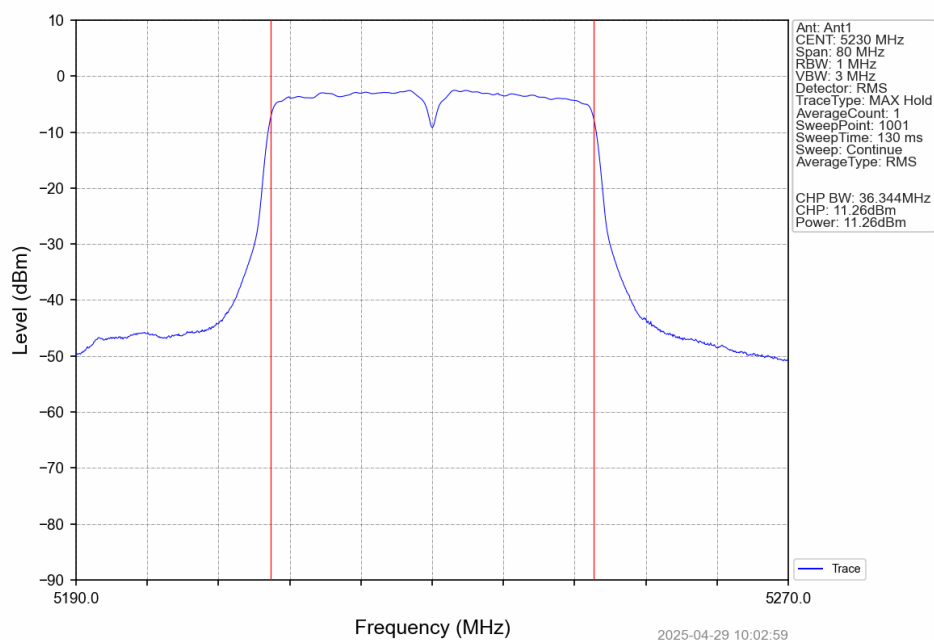
802.11n (HT40) _LCH_5190MHz_Ant1_NTNV



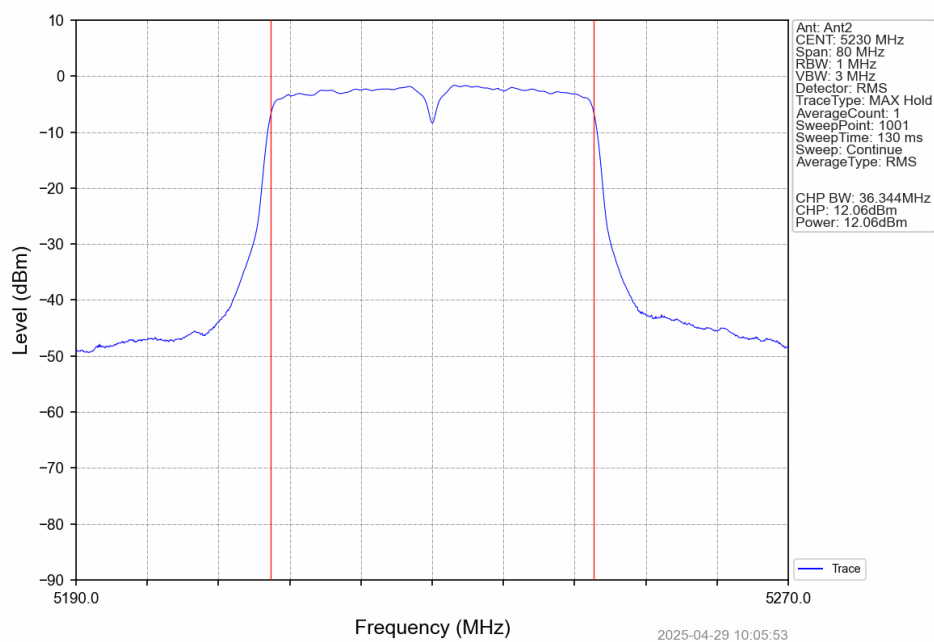
802.11n (HT40) _LCH_5190MHz_Ant2_NTNV



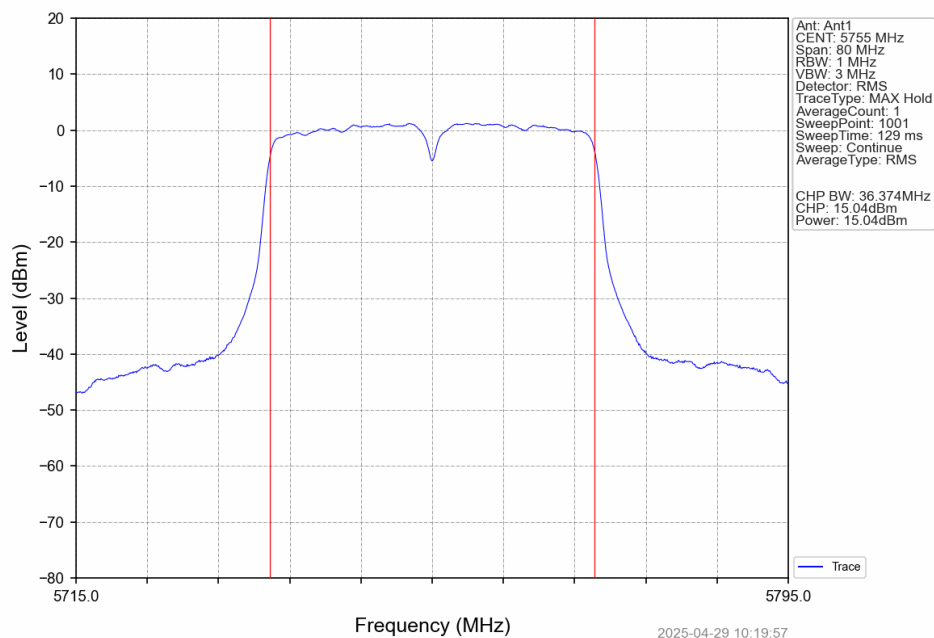
802.11n (HT40) _HCH_5230MHz_Ant1_NTNV



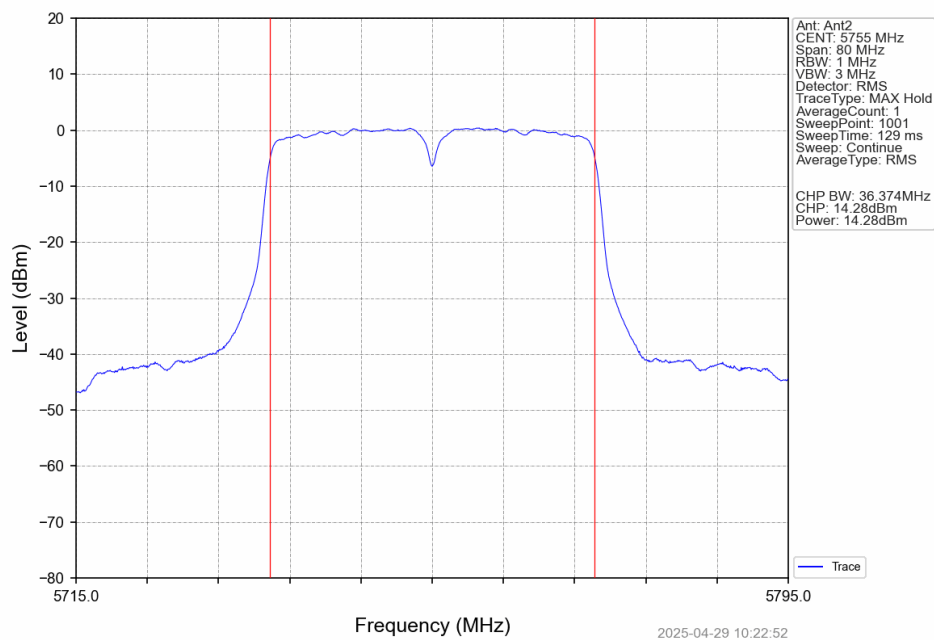
802.11n (HT40) _HCH_5230MHz_Ant2_NTNV



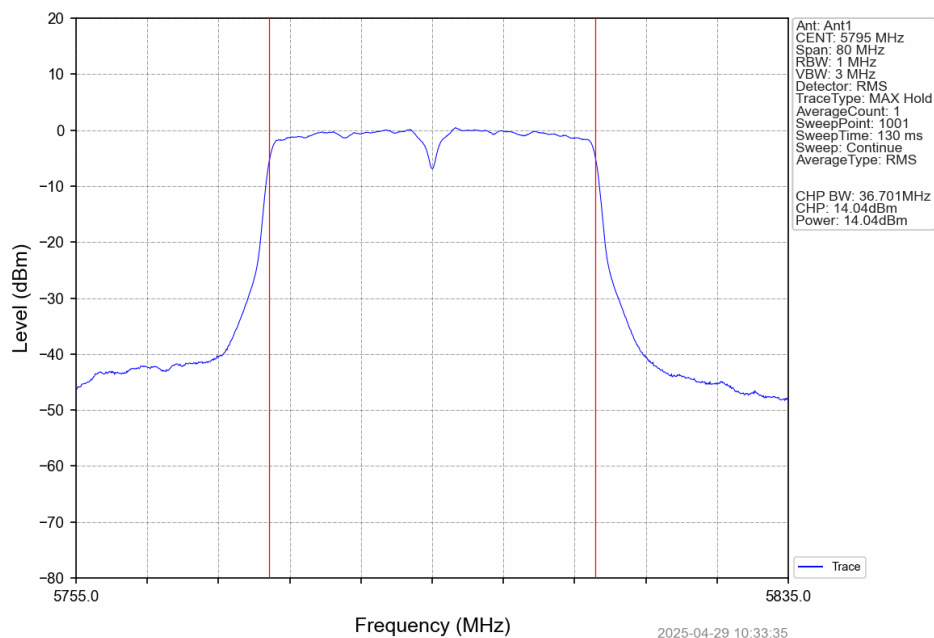
802.11n (HT40) _LCH_5755MHz_Ant1_NTNV



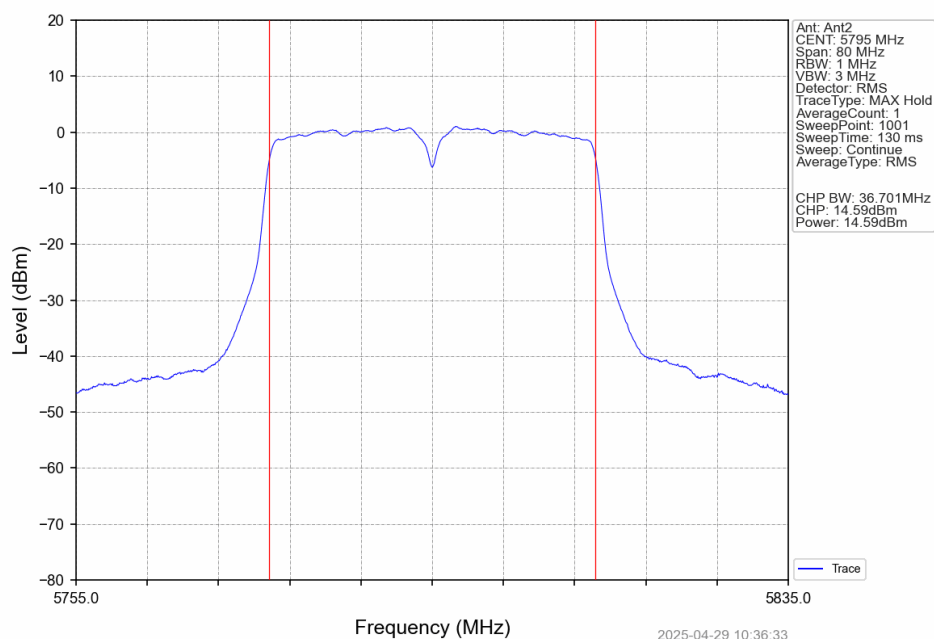
802.11n (HT40) _LCH_5755MHz_Ant2_NTNV



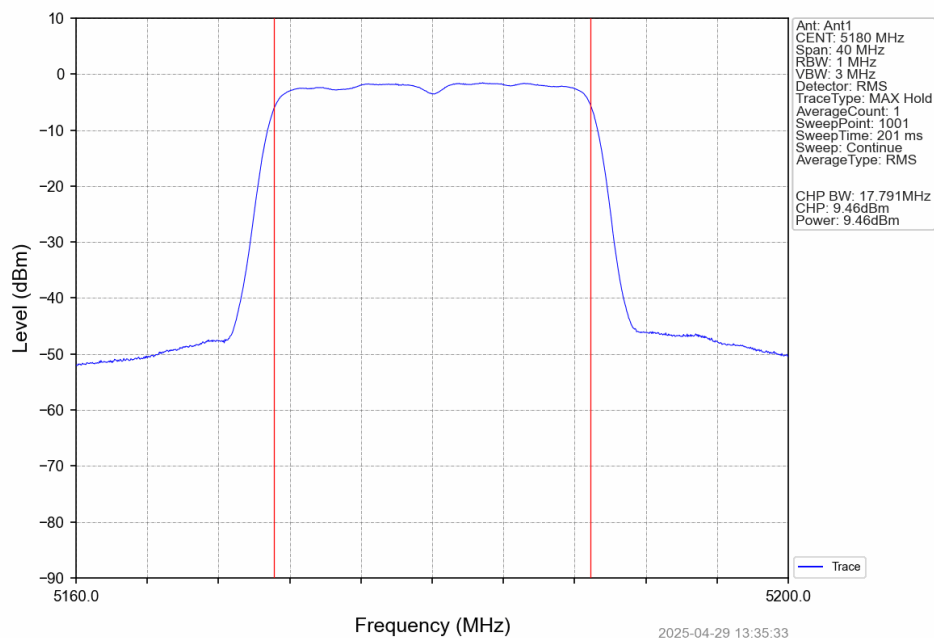
802.11n (HT40) _HCH_5795MHz_Ant1_NTNV



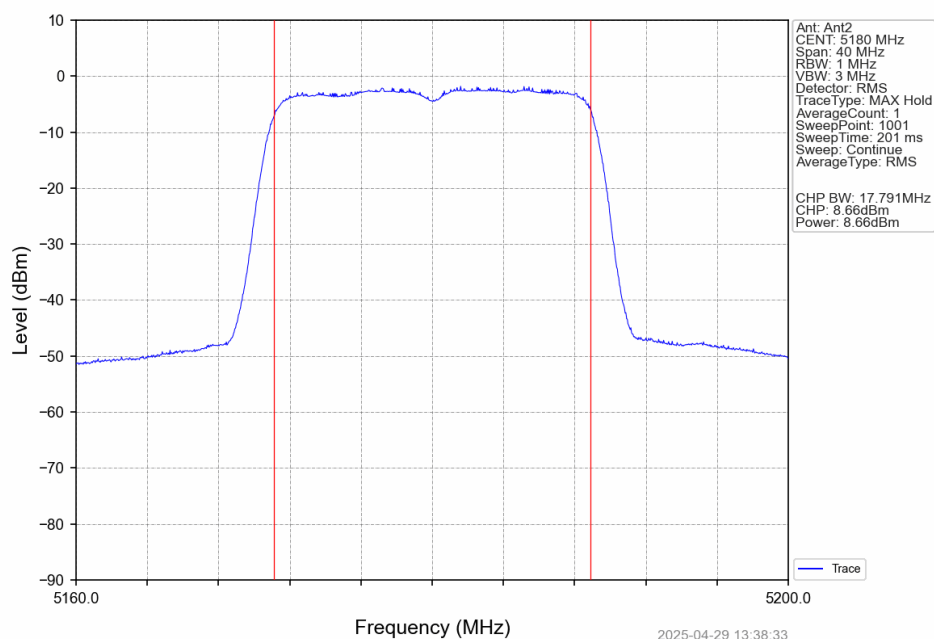
802.11n (HT40) _HCH_5795MHz_Ant2_NTNV



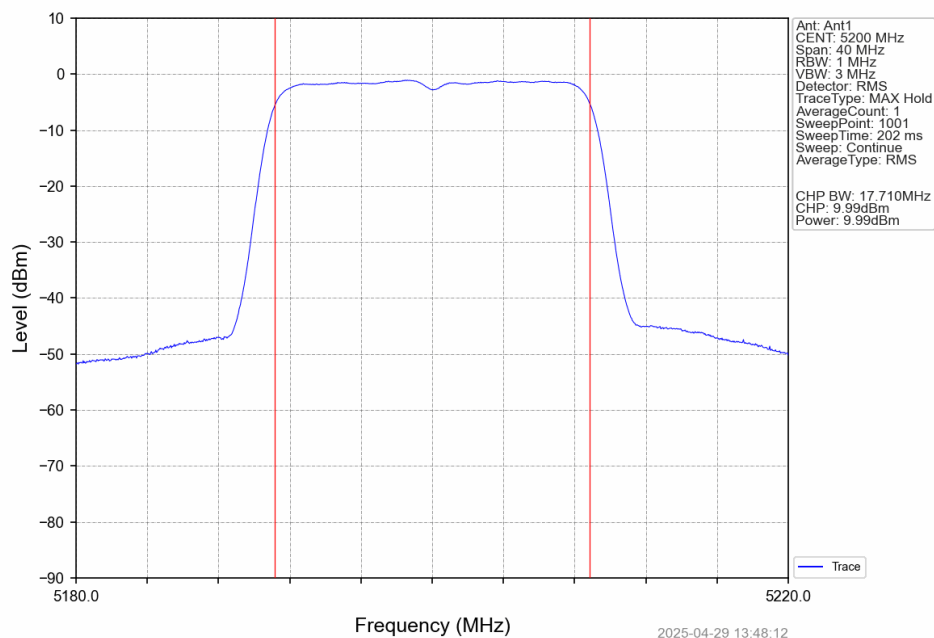
802.11ac (VHT20)_LCH_5180MHz_Ant1_NTNV



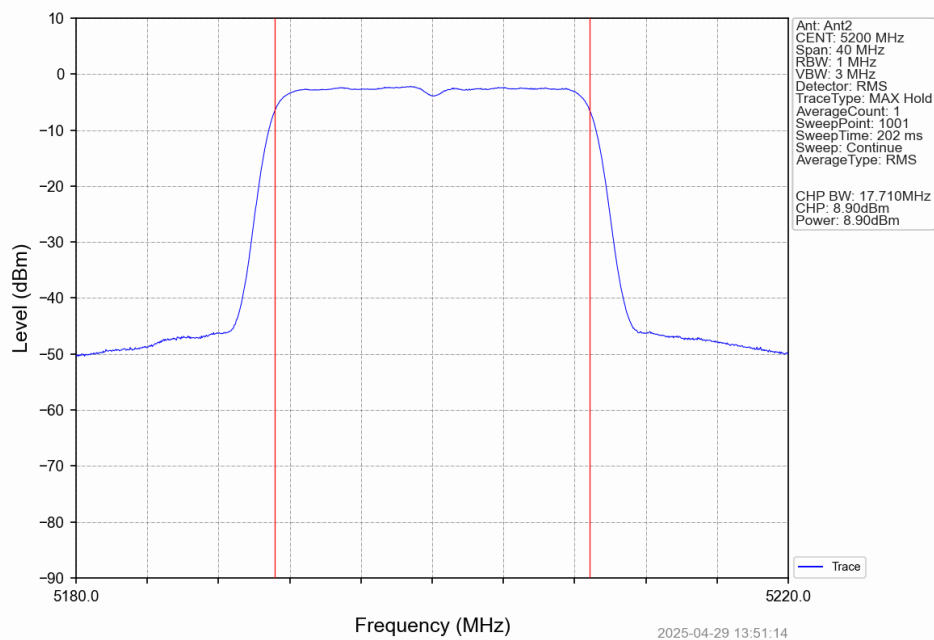
802.11ac (VHT20)_LCH_5180MHz_Ant2_NTNV



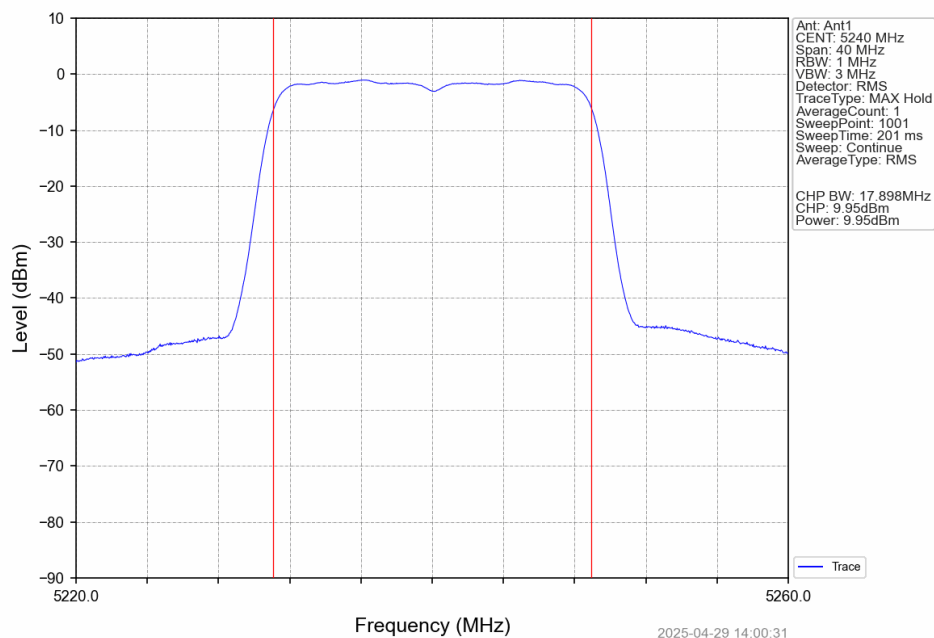
802.11ac (VHT20)_MCH_5200MHz_Ant1_NTNV



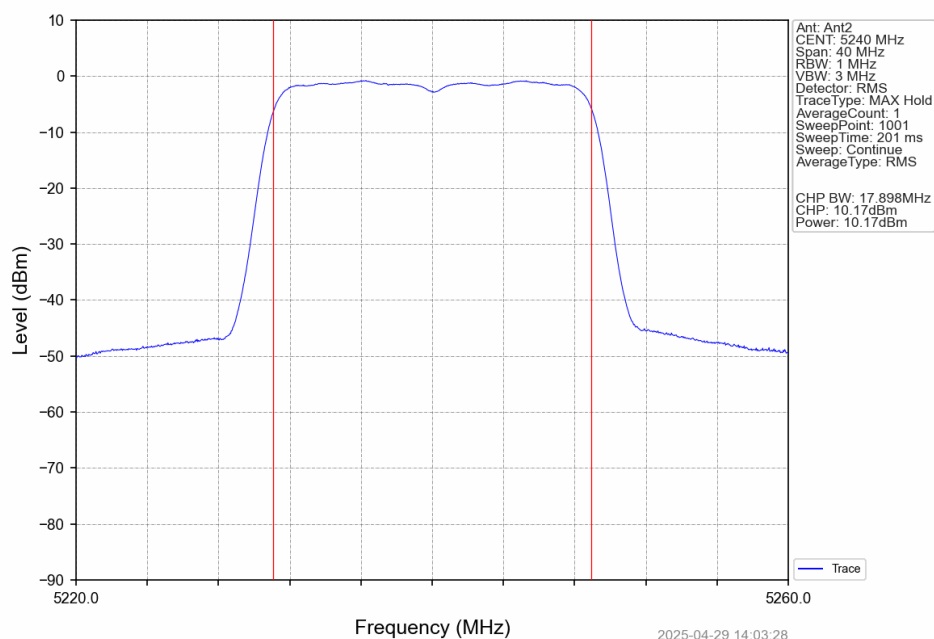
802.11ac (VHT20)_MCH_5200MHz_Ant2_NTNV



802.11ac (VHT20)_HCH_5240MHz_Ant1_NTNV

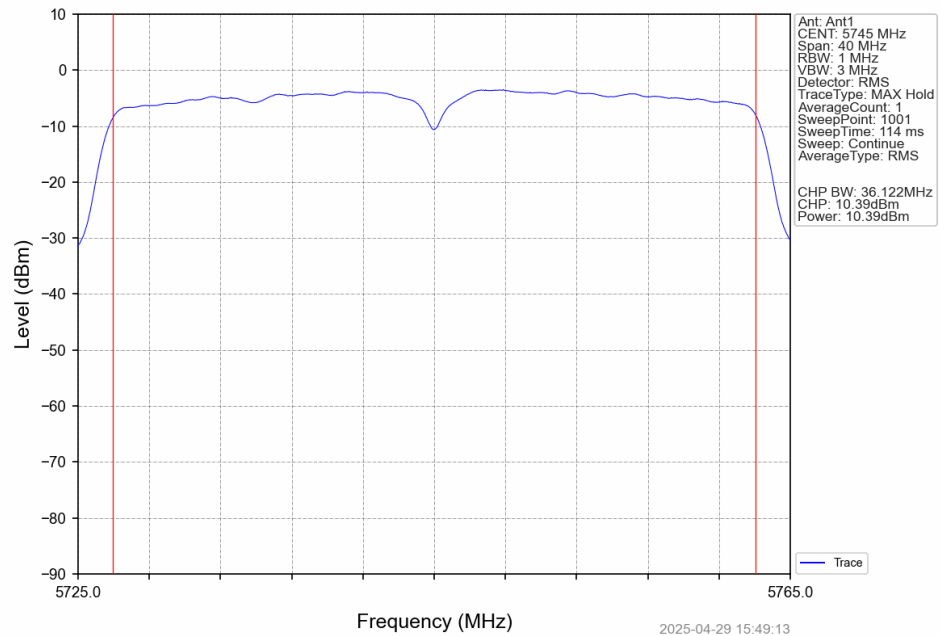


802.11ac (VHT20)_HCH_5240MHz_Ant2_NTNV

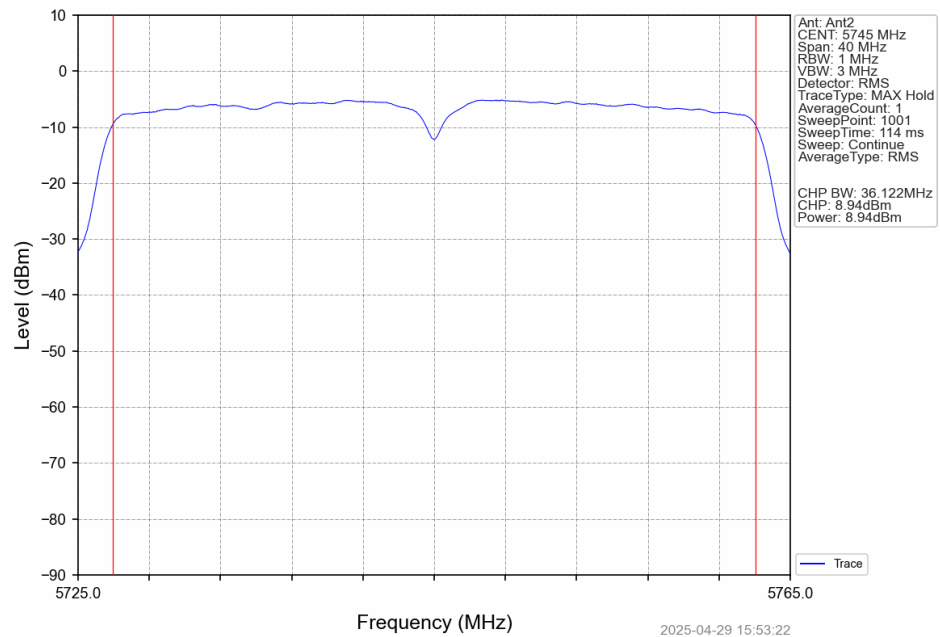




802.11ac (VHT20)_LCH_5745MHz_Ant1_NTNV

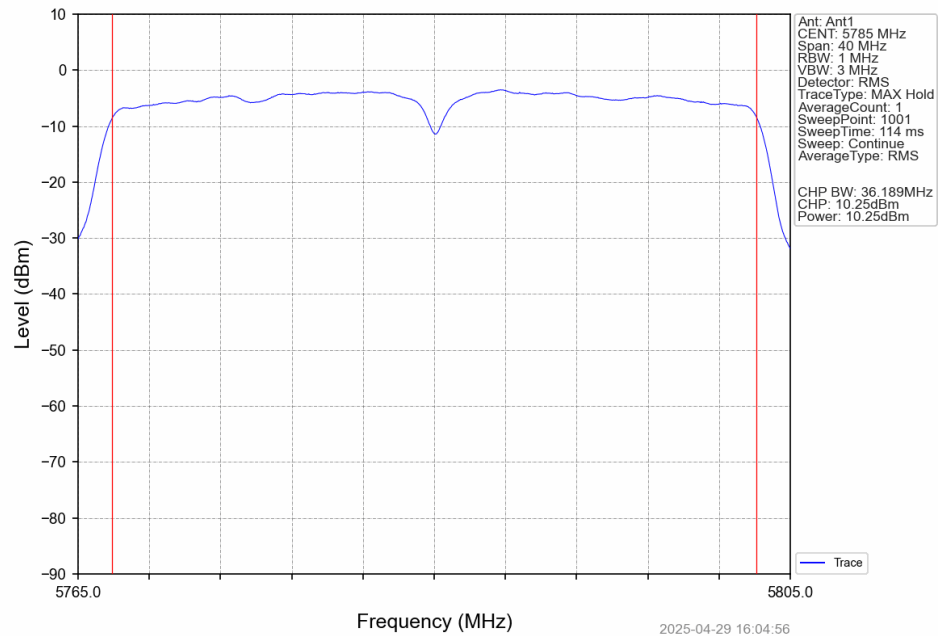


802.11ac (VHT20)_LCH_5745MHz_Ant2_NTNV

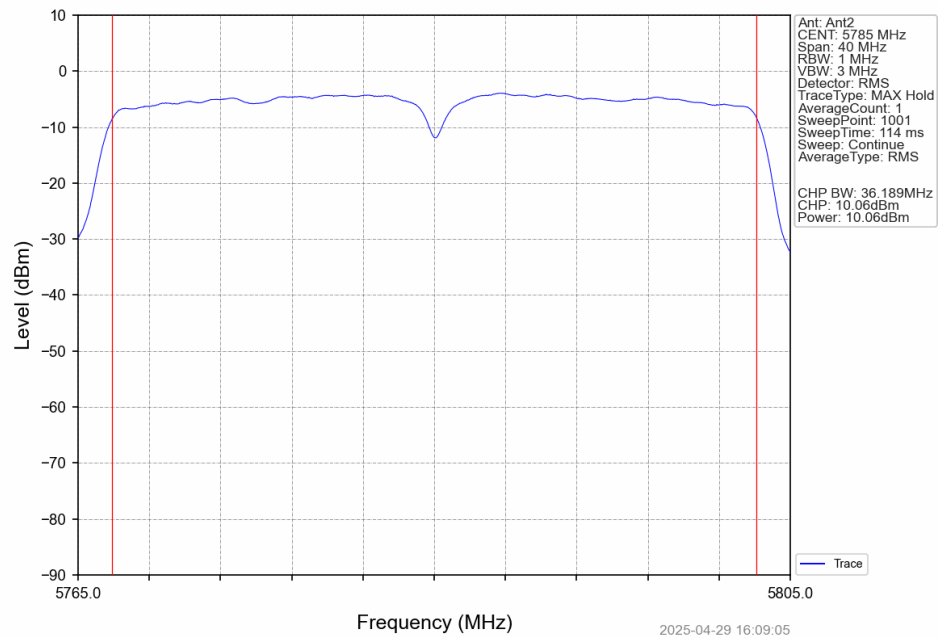




802.11ac (VHT20)_MCH_5785MHz_Ant1_NTNV

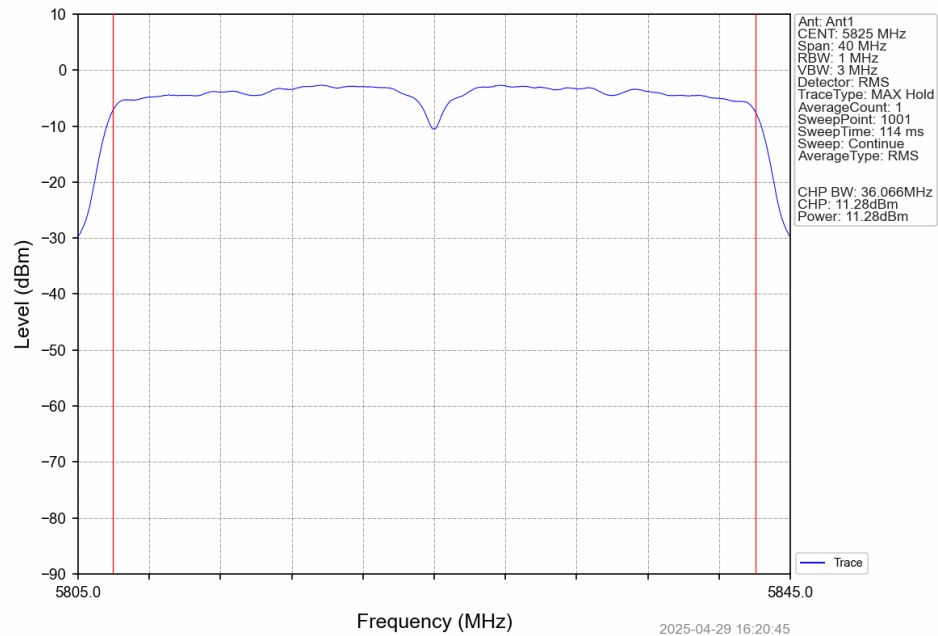


802.11ac (VHT20)_MCH_5785MHz_Ant2_NTNV

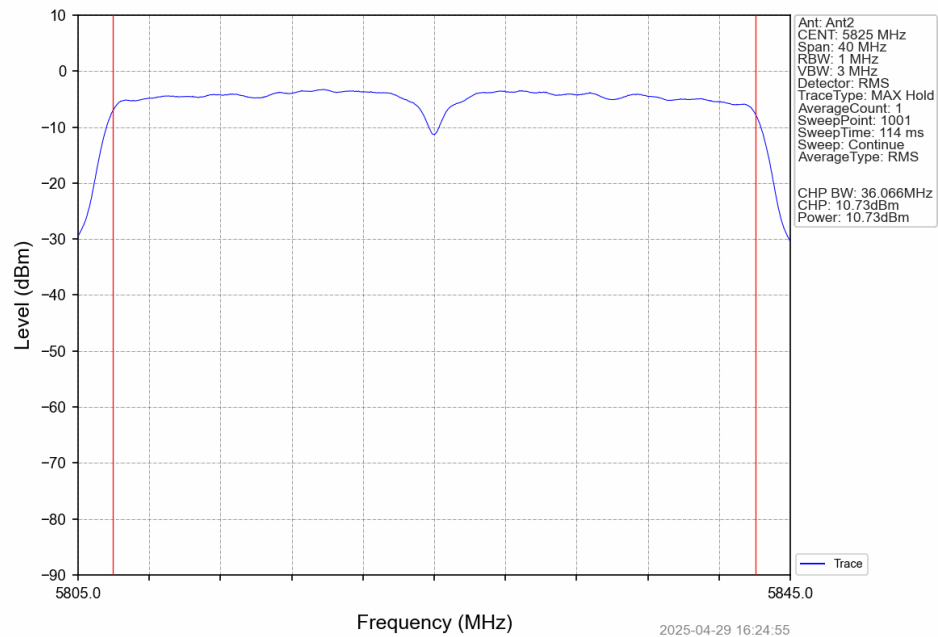




802.11ac (VHT20)_HCH_5825MHz_Ant1_NTNV

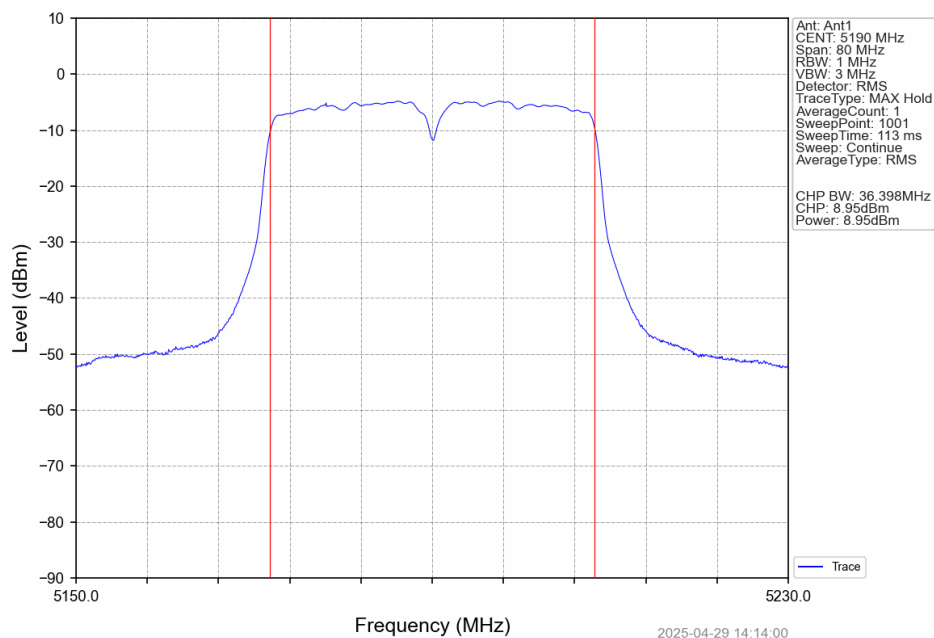


802.11ac (VHT20)_HCH_5825MHz_Ant2_NTNV

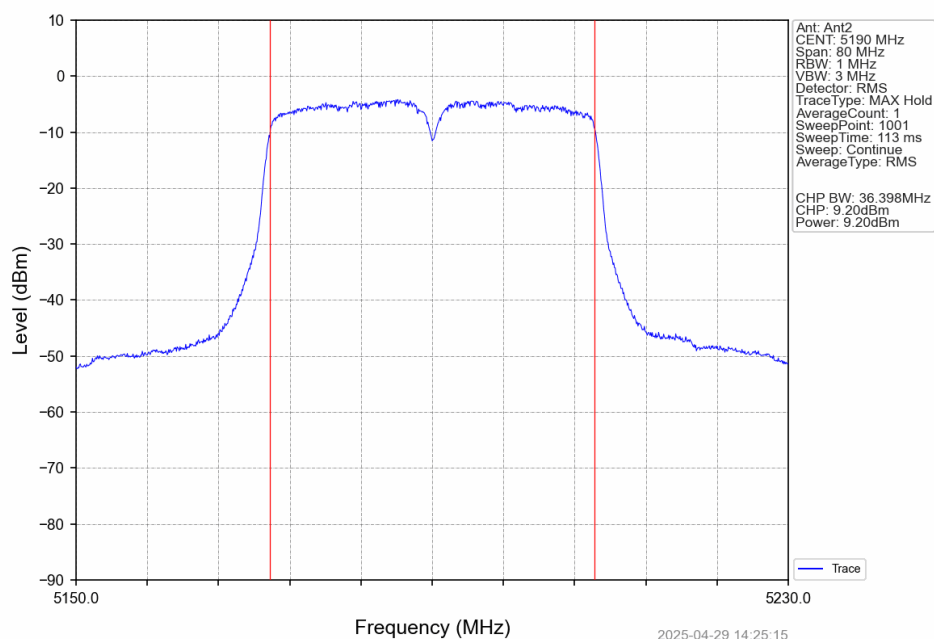




802.11ac (VHT40)_LCH_5190MHz_Ant1_NTNV

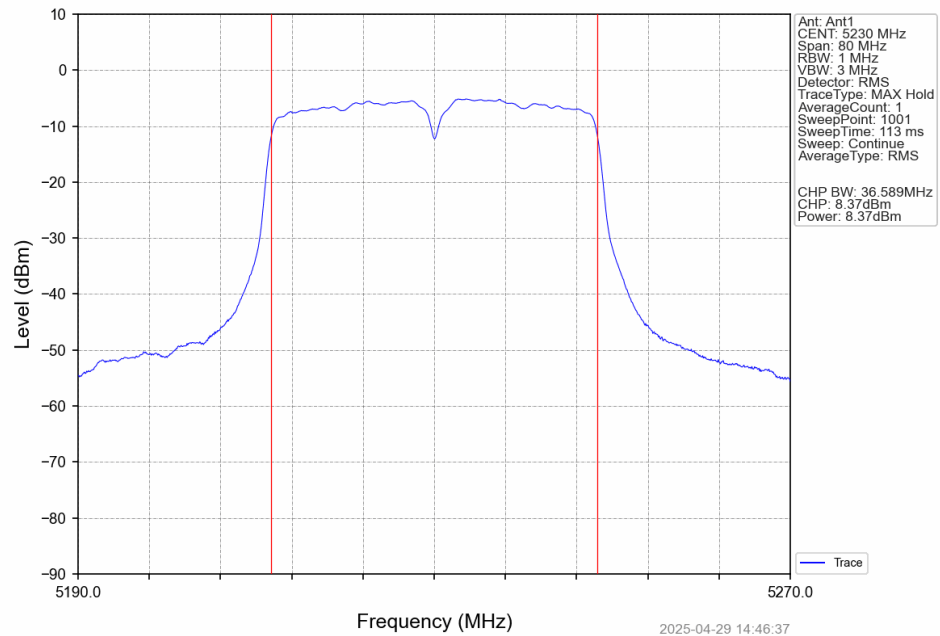


802.11ac (VHT40)_LCH_5190MHz_Ant2_NTNV

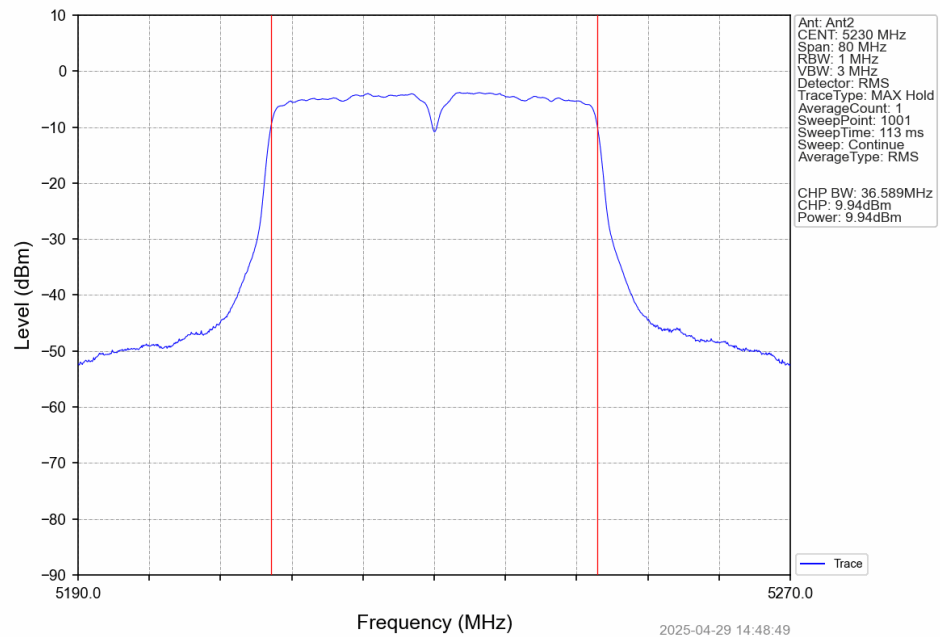




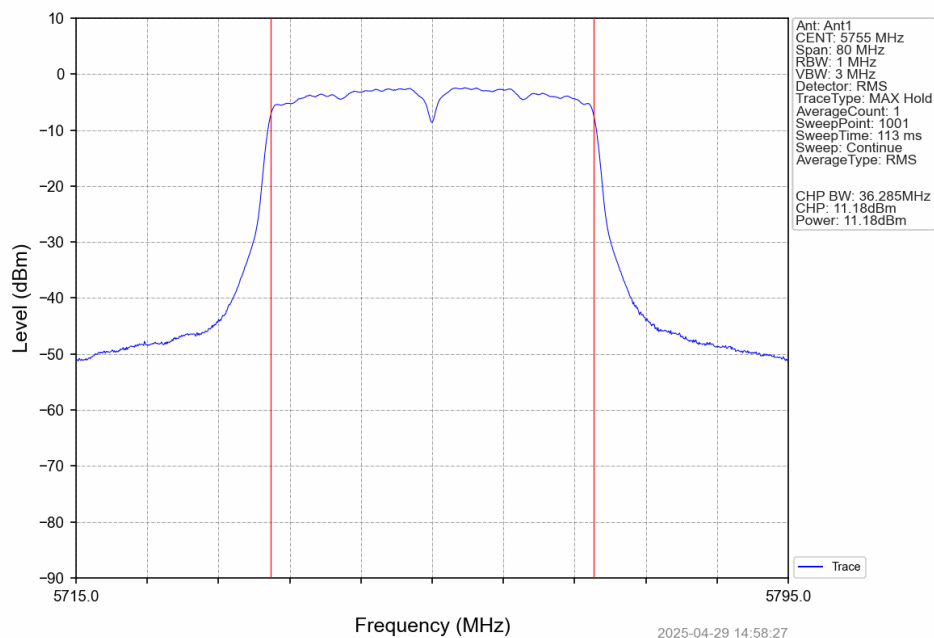
802.11ac (VHT40)_HCH_5230MHz_Ant1_NTNV



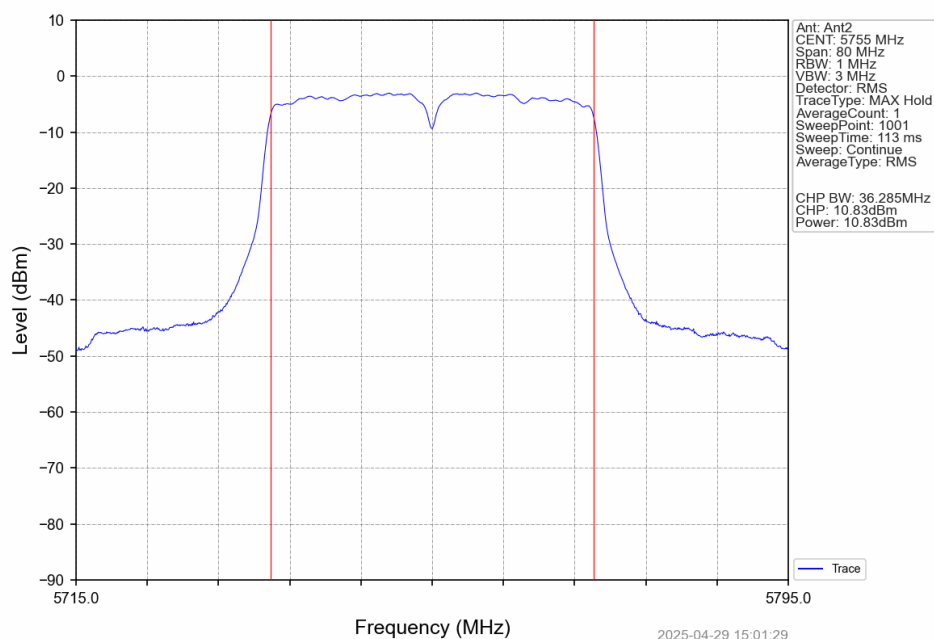
802.11ac (VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac (VHT40)_LCH_5755MHz_Ant1_NTNV

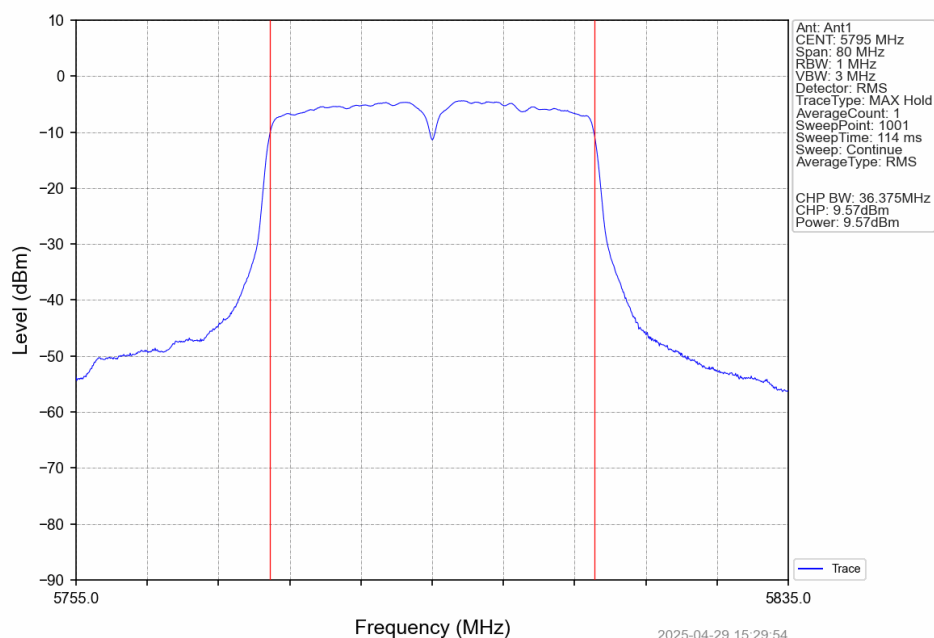


802.11ac (VHT40)_LCH_5755MHz_Ant2_NTNV

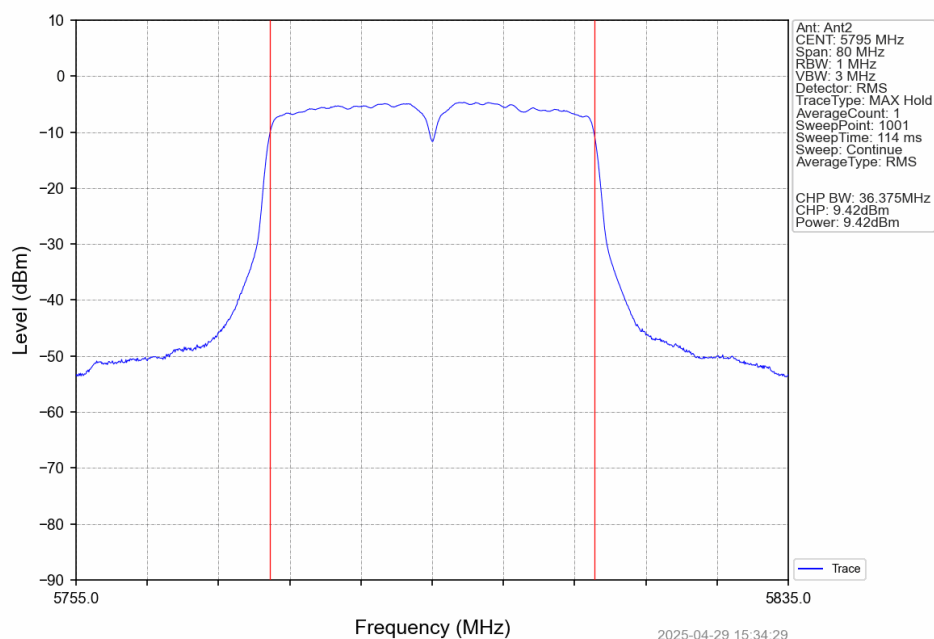




802.11ac (VHT40)_HCH_5795MHz_Ant1_NTNV

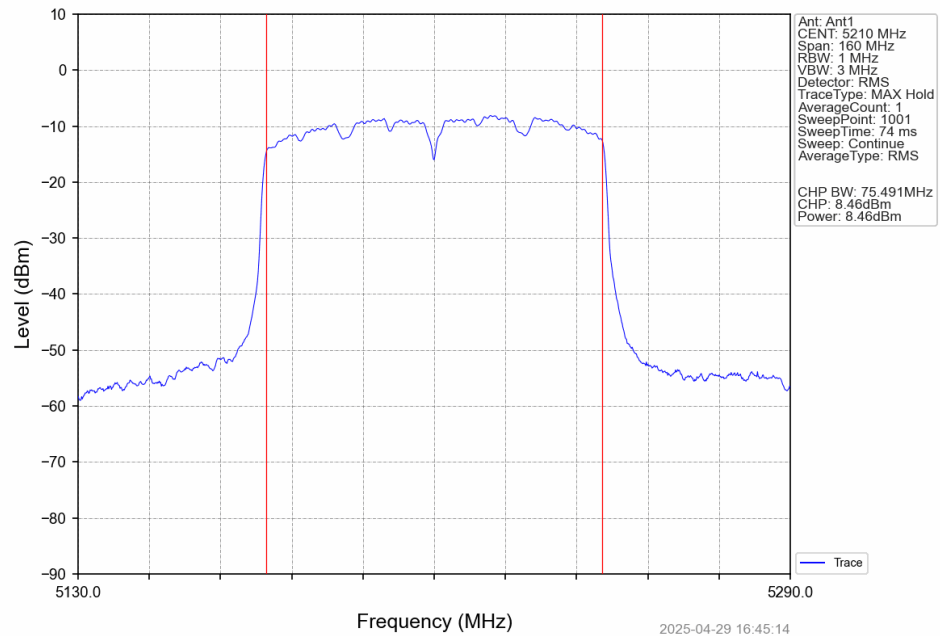


802.11ac (VHT40)_HCH_5795MHz_Ant2_NTNV

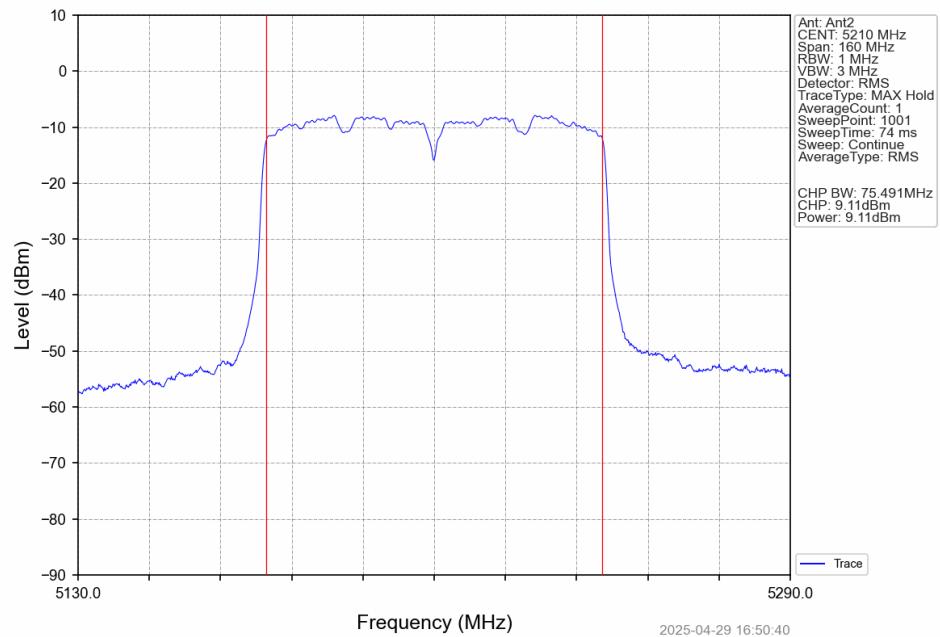




802.11ac (VHT80)_MCH_5210MHz_Ant1_NTNV

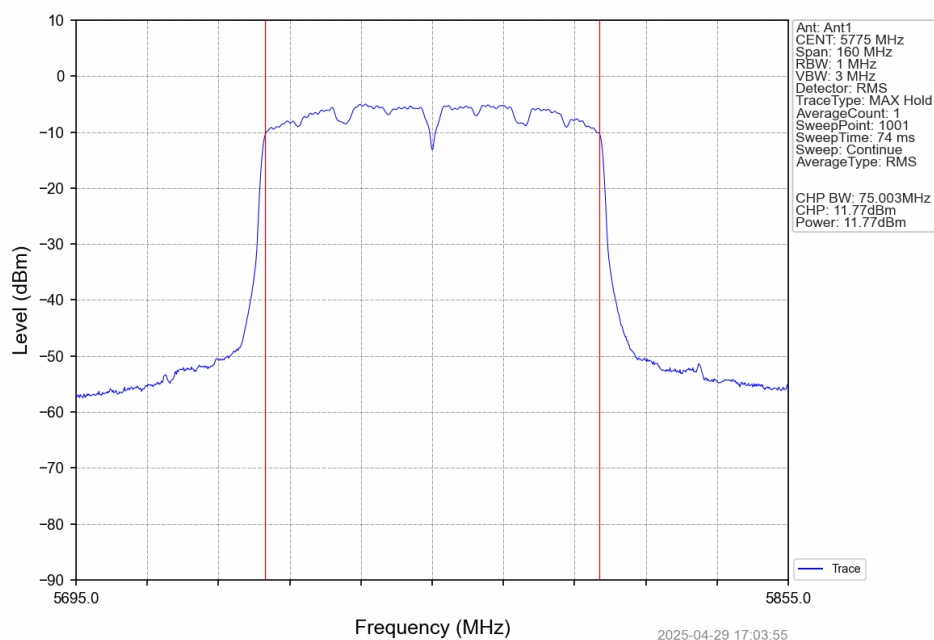


802.11ac (VHT80)_MCH_5210MHz_Ant2_NTNV

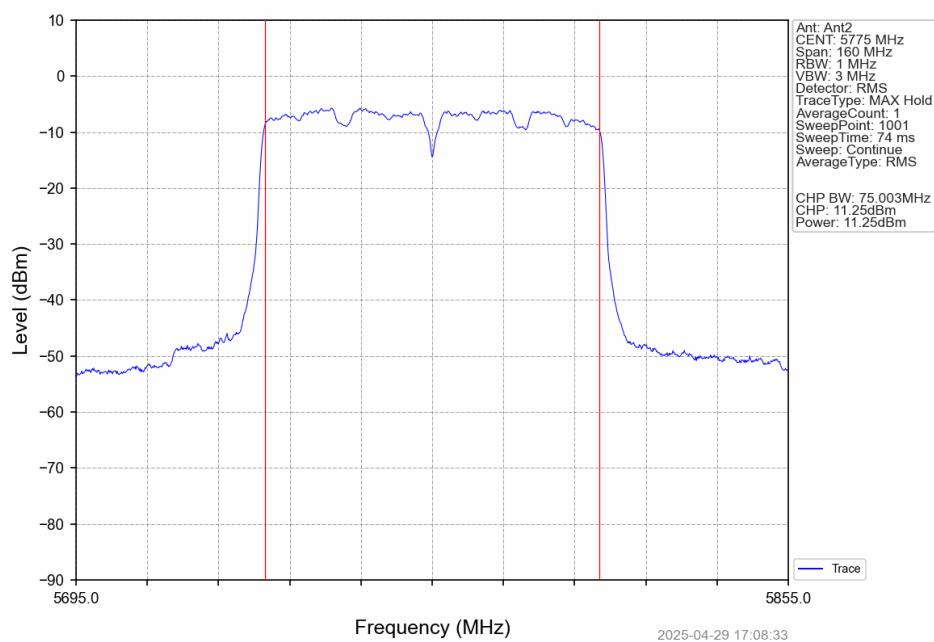




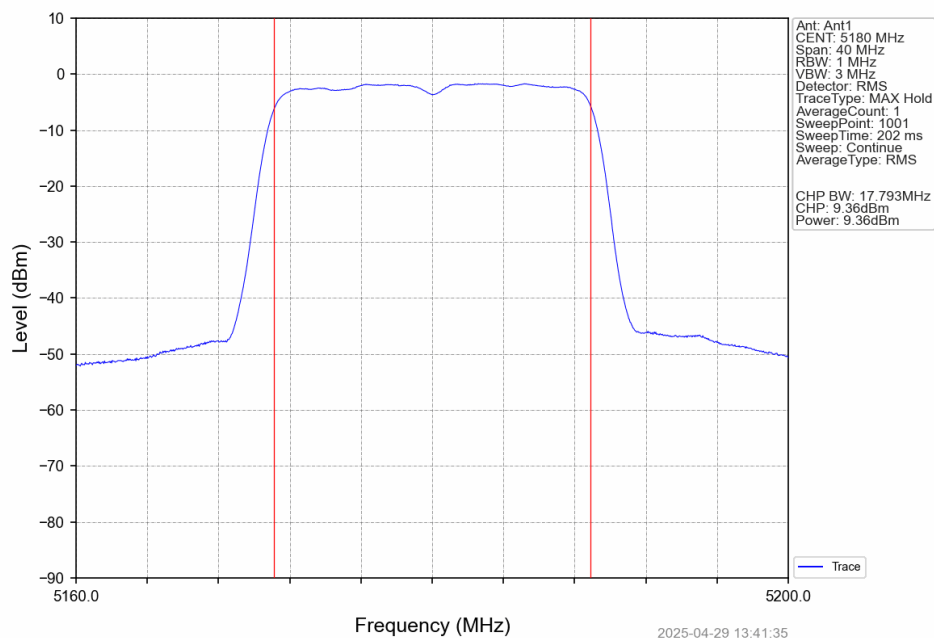
802.11ac (VHT80)_MCH_5775MHz_Ant1_NTNV



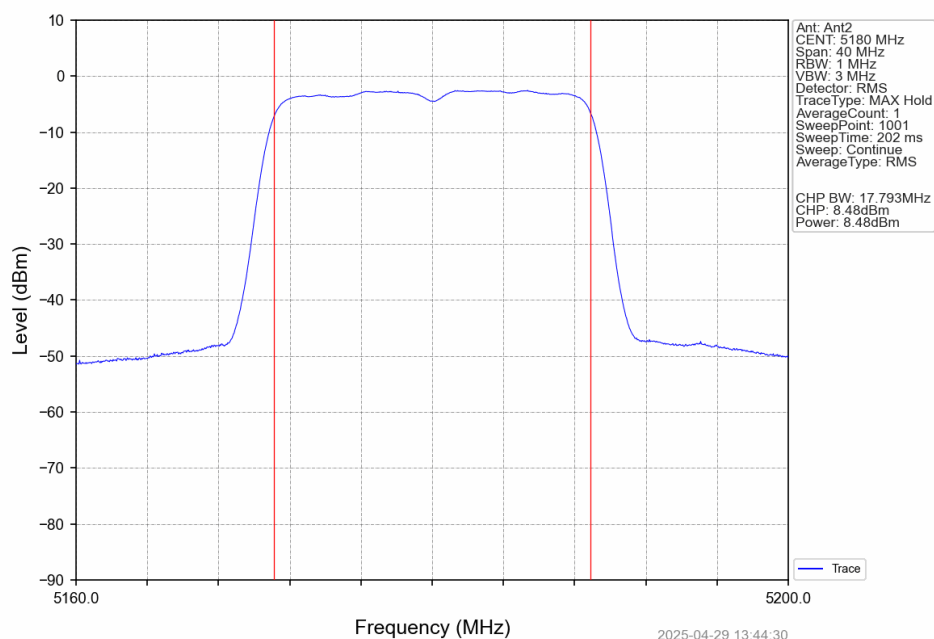
802.11ac (VHT80)_MCH_5775MHz_Ant2_NTNV



802.11ac (VHT20)_LCH_5180MHz_Ant1_NTNV

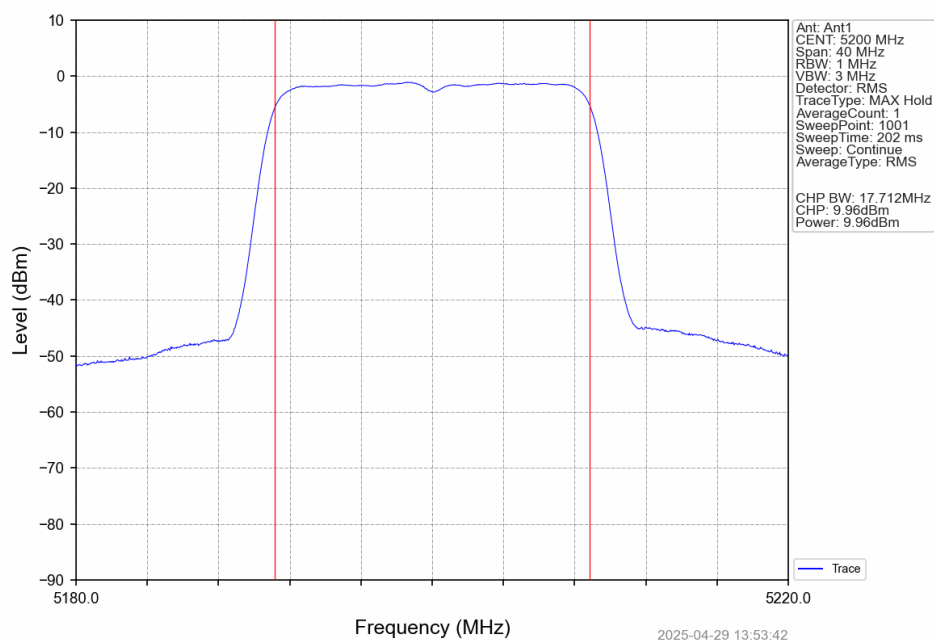


802.11ac (VHT20)_LCH_5180MHz_Ant2_NTNV

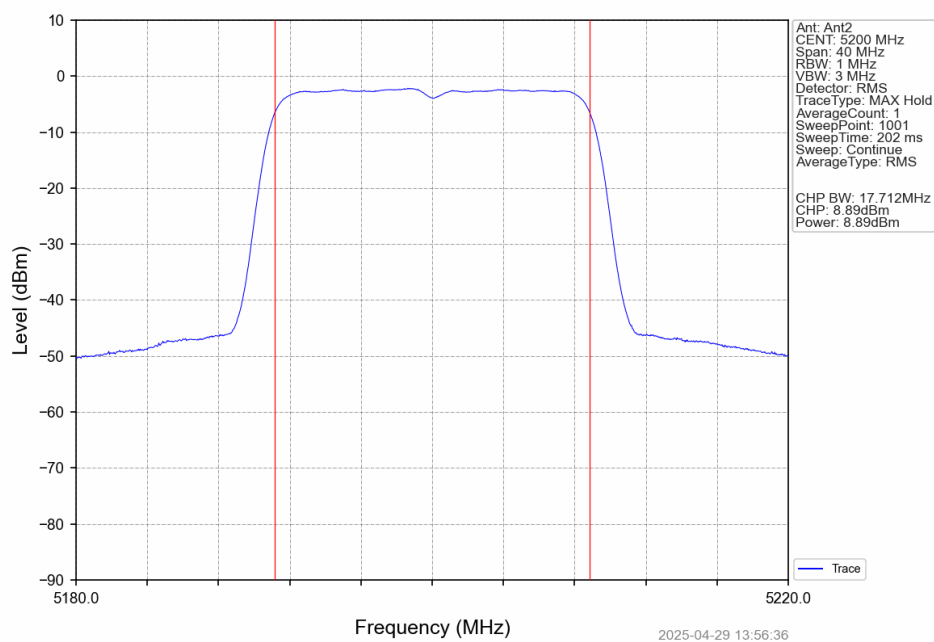




802.11ac (VHT20)_MCH_5200MHz_Ant1_NTNV

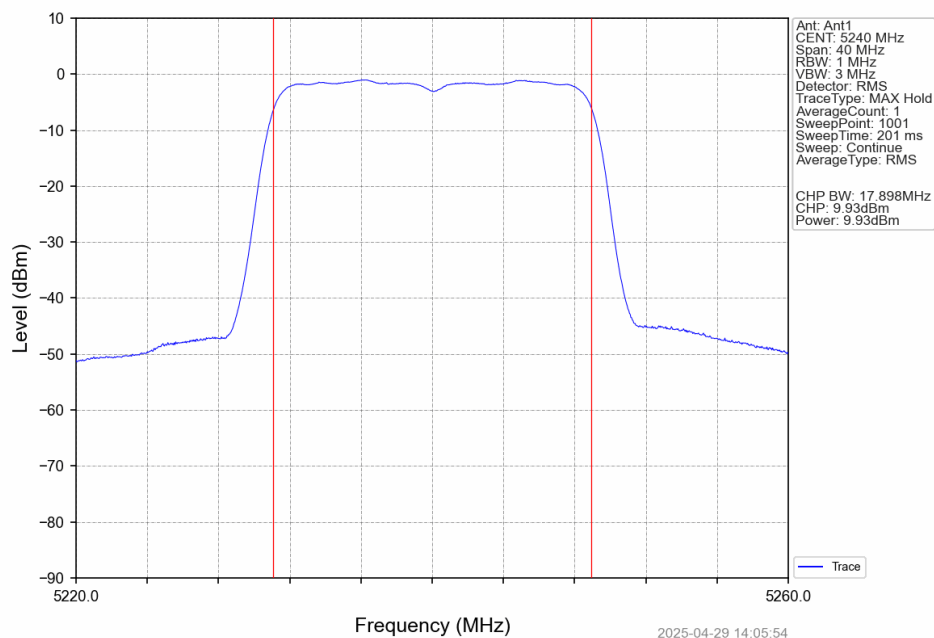


802.11ac (VHT20)_MCH_5200MHz_Ant2_NTNV

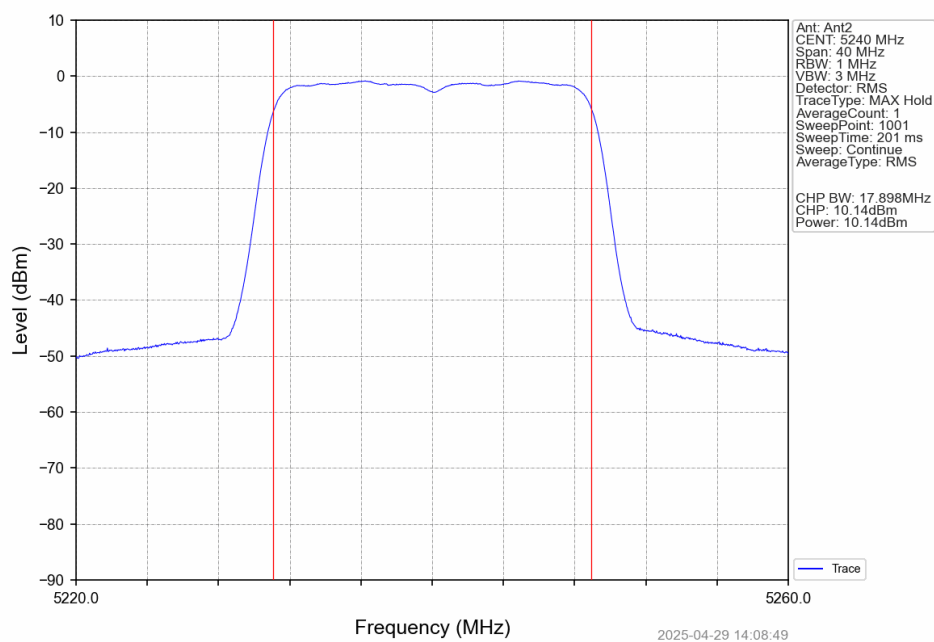




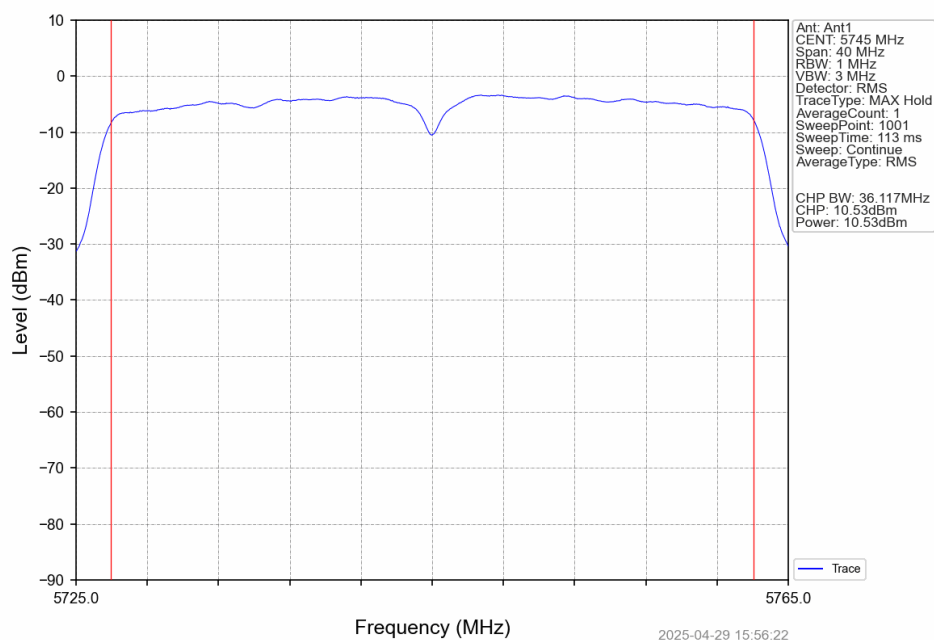
802.11ac (VHT20)_HCH_5240MHz_Ant1_NTNV



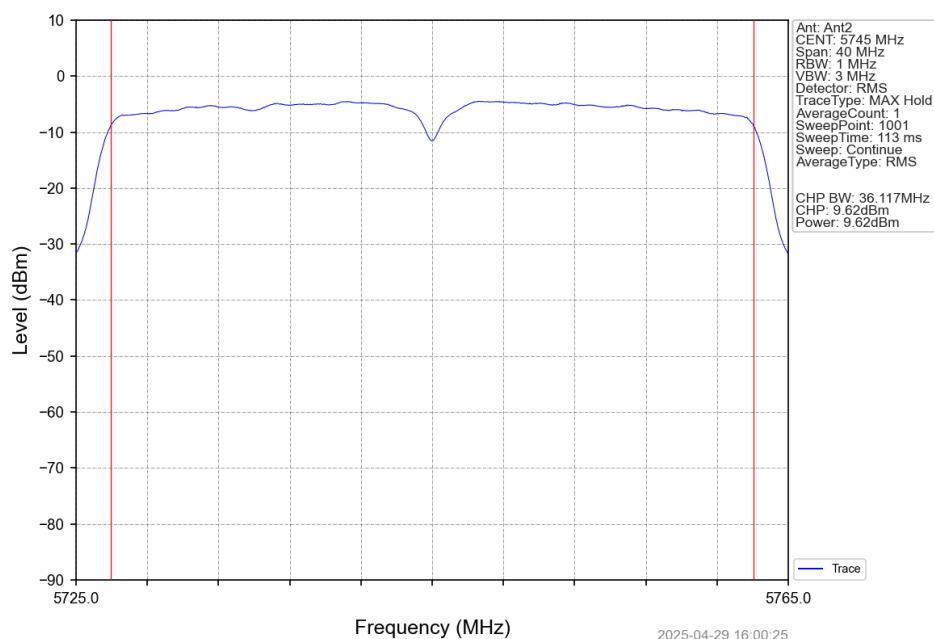
802.11ac (VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac (VHT20)_LCH_5745MHz_Ant1_NTNV

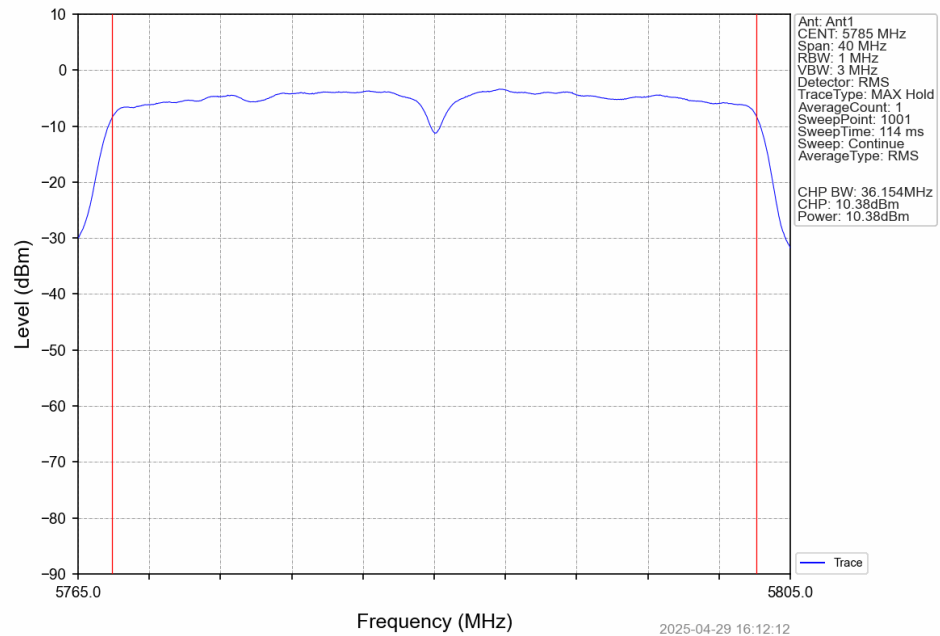


802.11ac (VHT20)_LCH_5745MHz_Ant2_NTNV

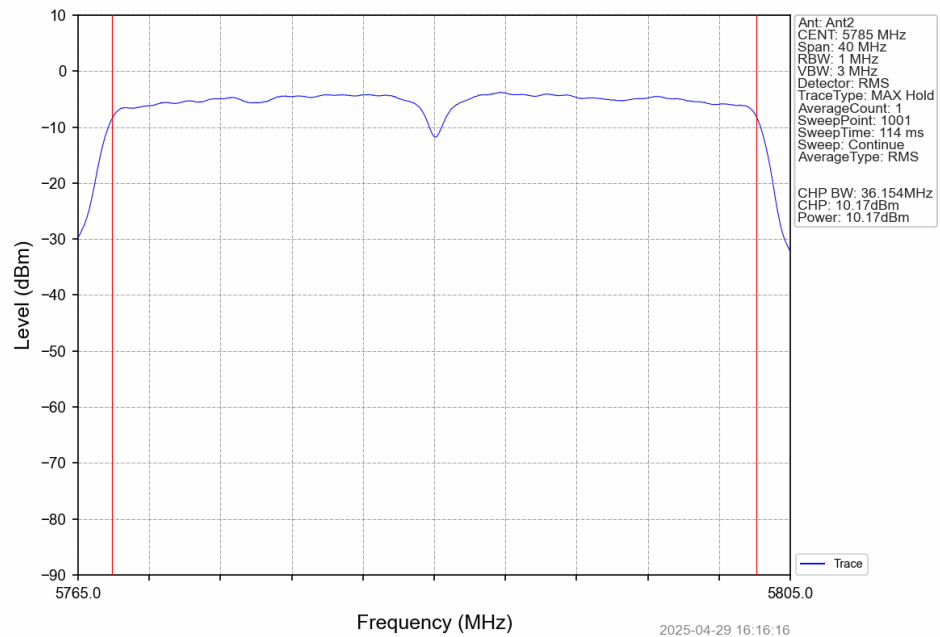




802.11ac (VHT20)_MCH_5785MHz_Ant1_NTNV

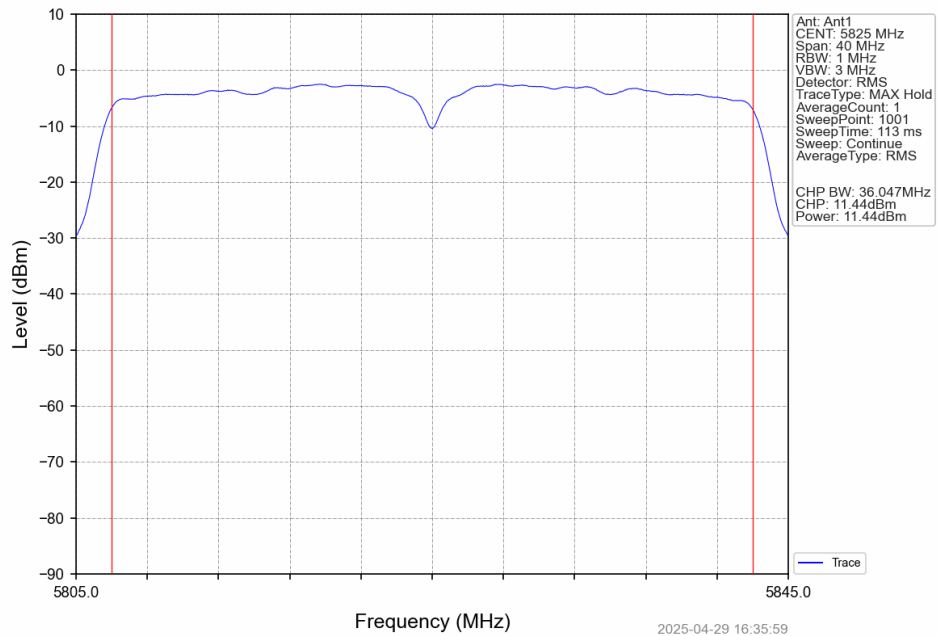


802.11ac (VHT20)_MCH_5785MHz_Ant2_NTNV

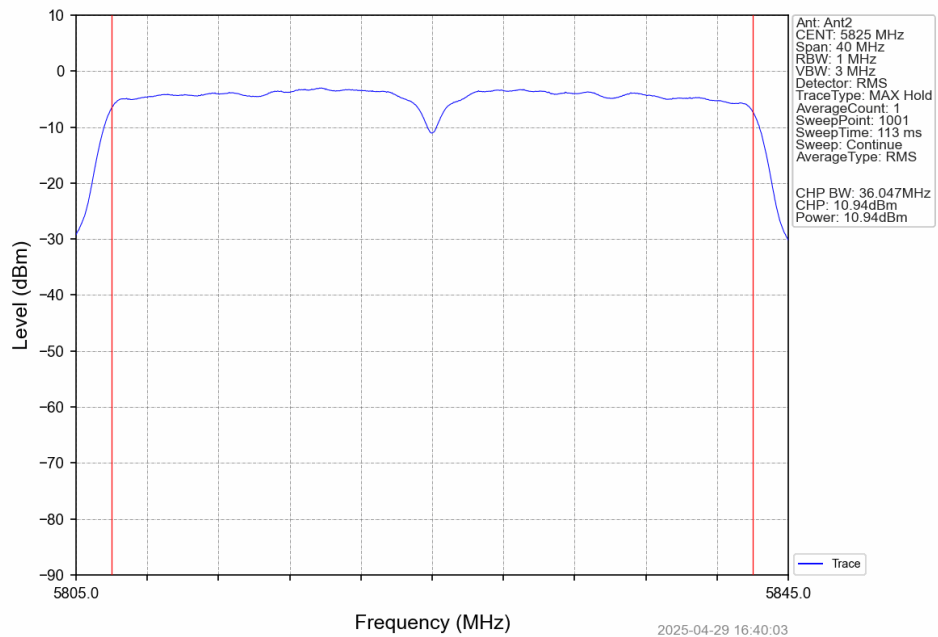




802.11ac (VHT20)_HCH_5825MHz_Ant1_NTNV

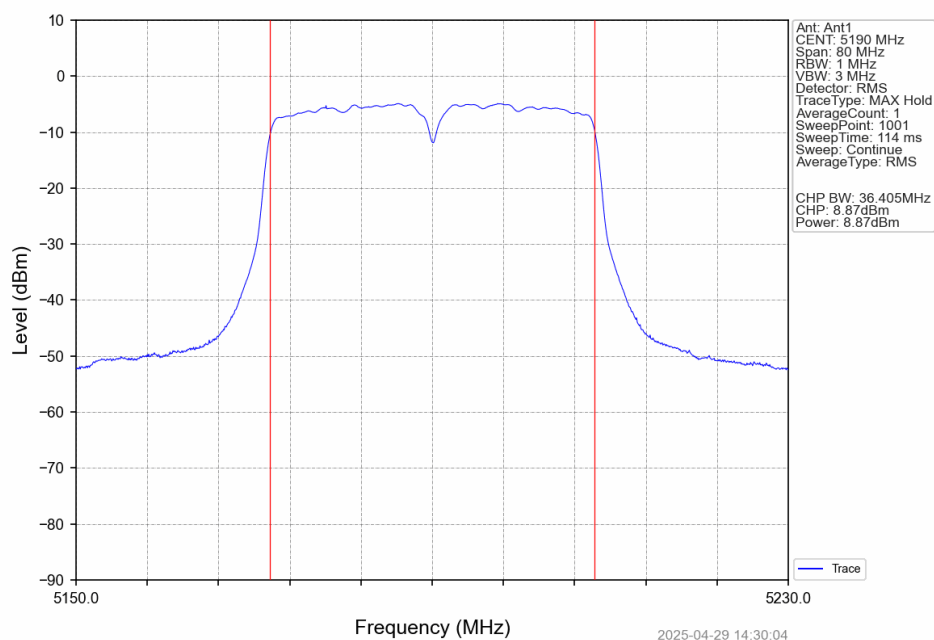


802.11ac (VHT20)_HCH_5825MHz_Ant2_NTNV

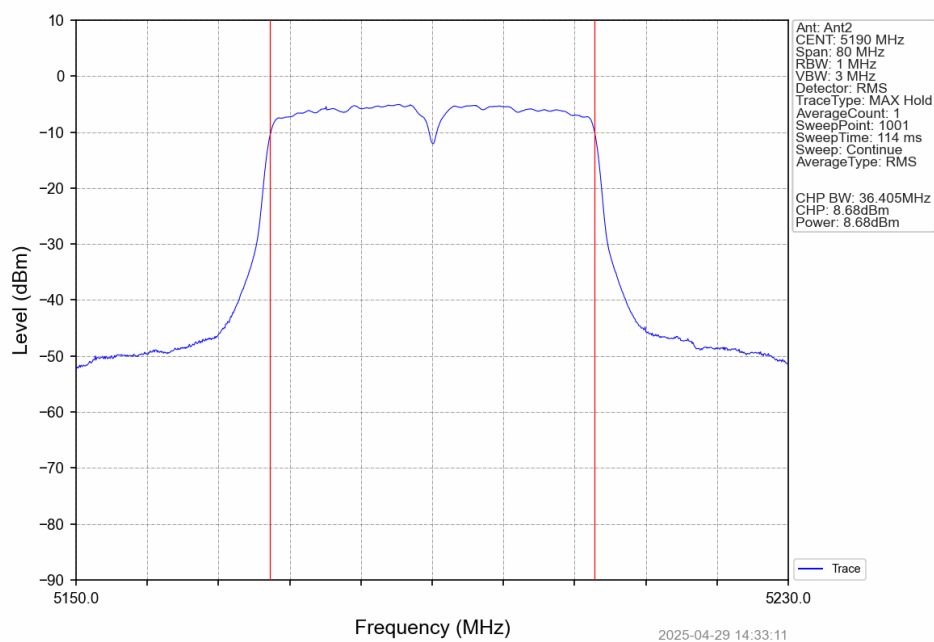




802.11ac (VHT40)_LCH_5190MHz_Ant1_NTNV

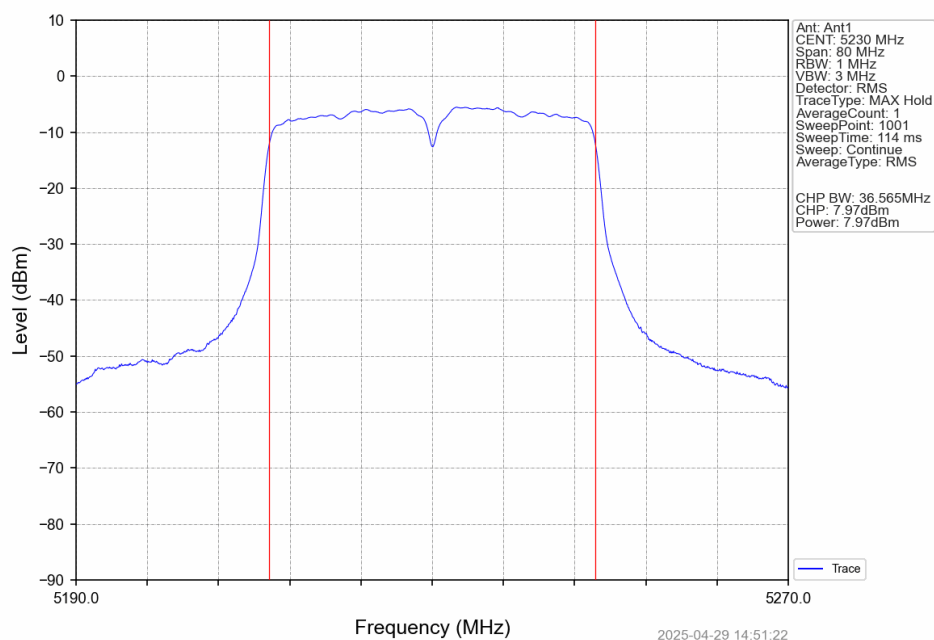


802.11ac (VHT40)_LCH_5190MHz_Ant2_NTNV

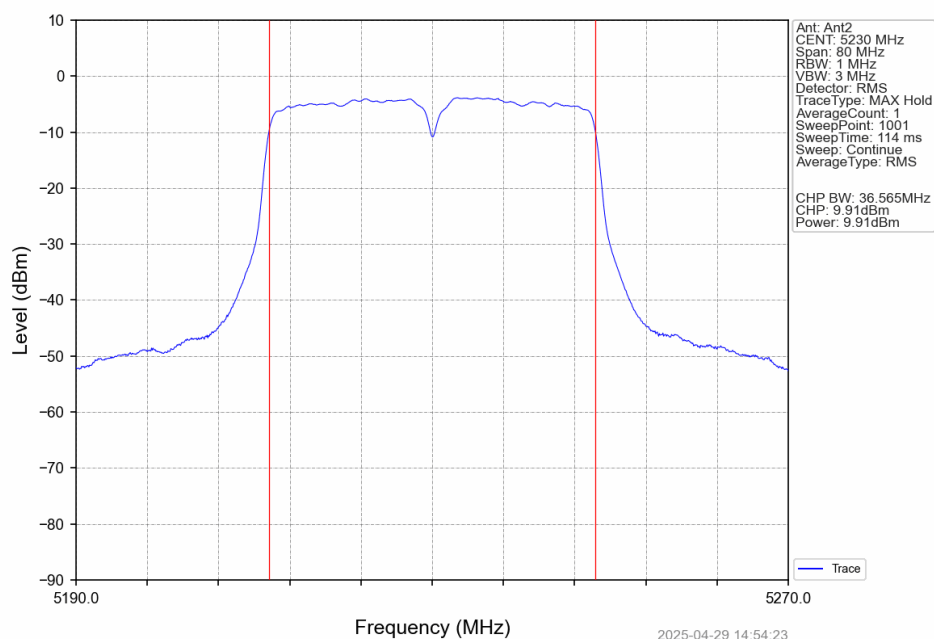




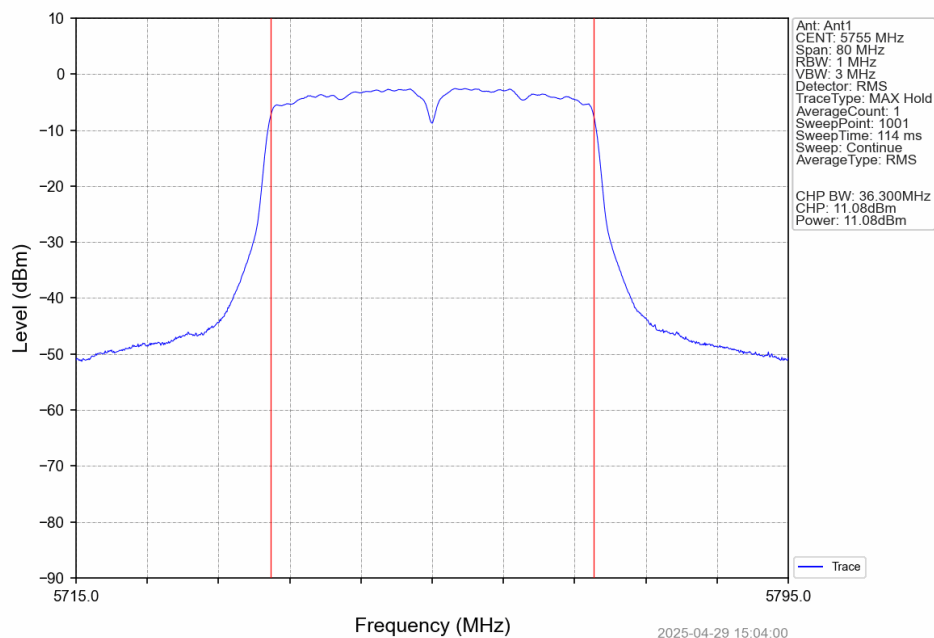
802.11ac (VHT40)_HCH_5230MHz_Ant1_NTNV



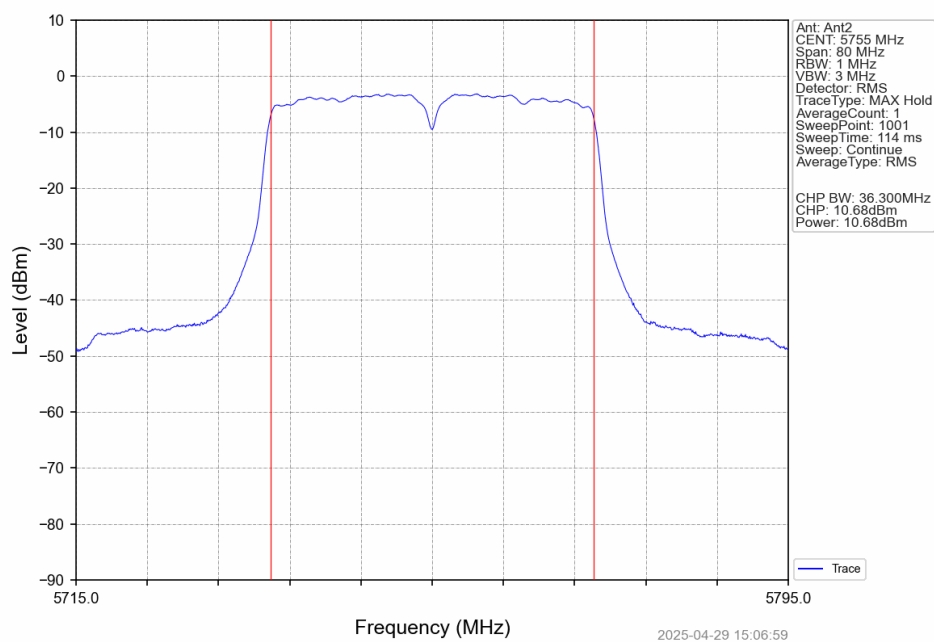
802.11ac (VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac (VHT40)_LCH_5755MHz_Ant1_NTNV

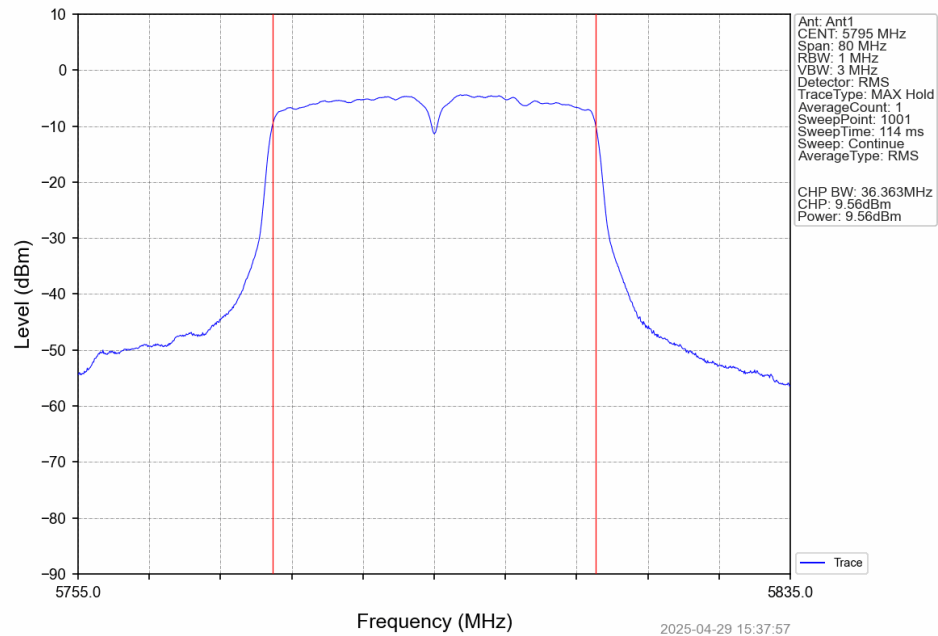


802.11ac (VHT40)_LCH_5755MHz_Ant2_NTNV

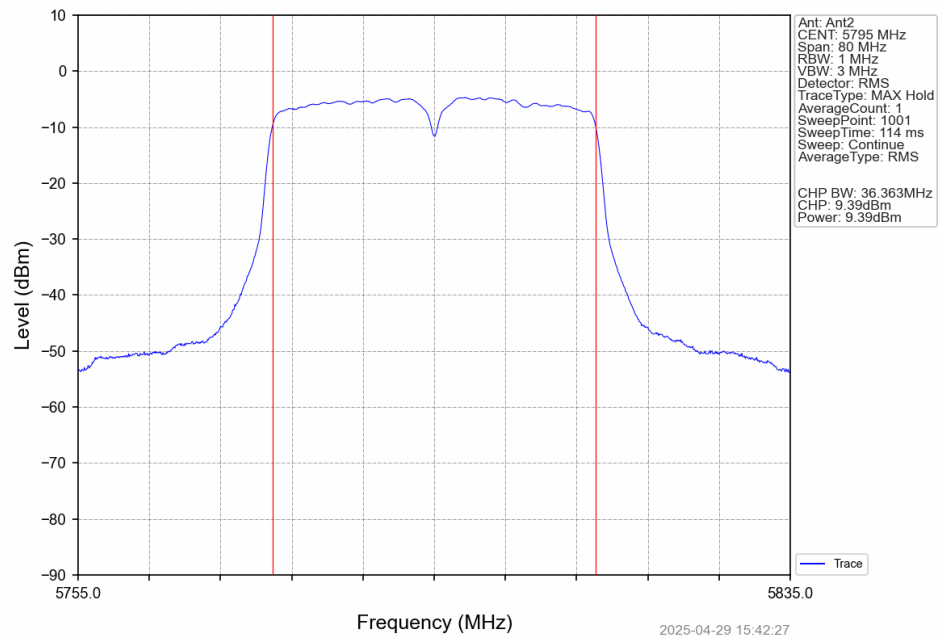




802.11ac (VHT40)_HCH_5795MHz_Ant1_NTNV

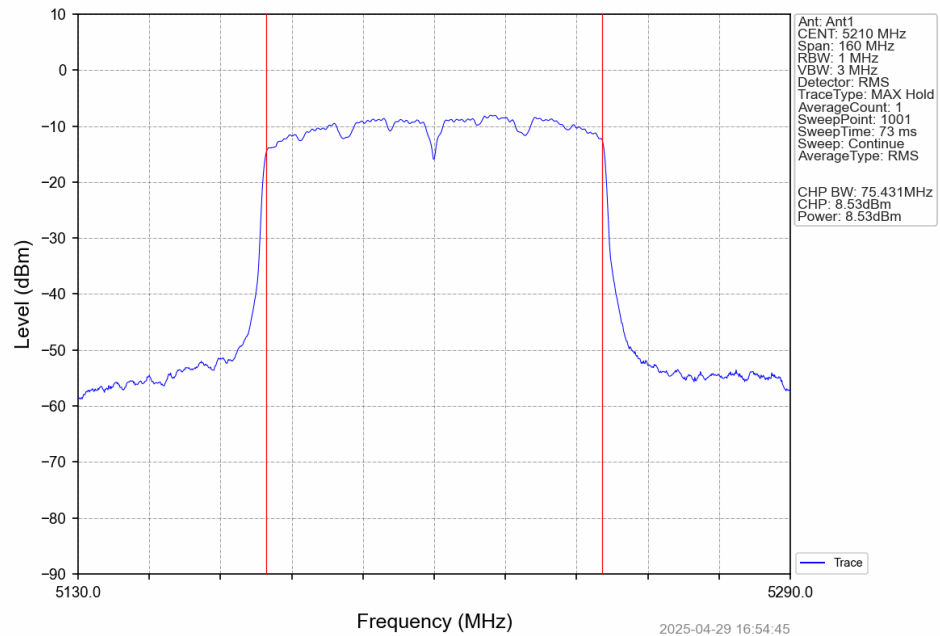


802.11ac (VHT40)_HCH_5795MHz_Ant2_NTNV

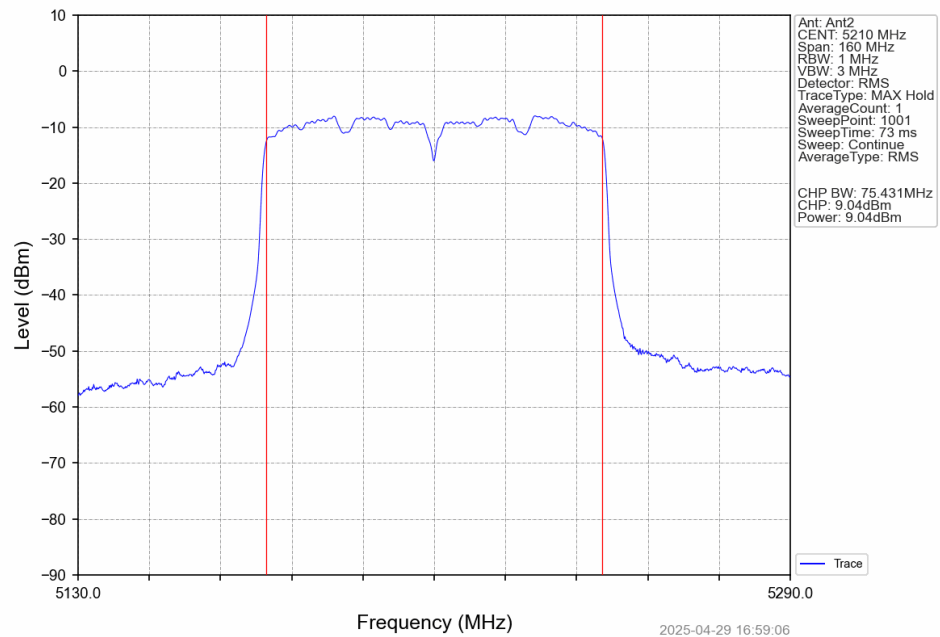




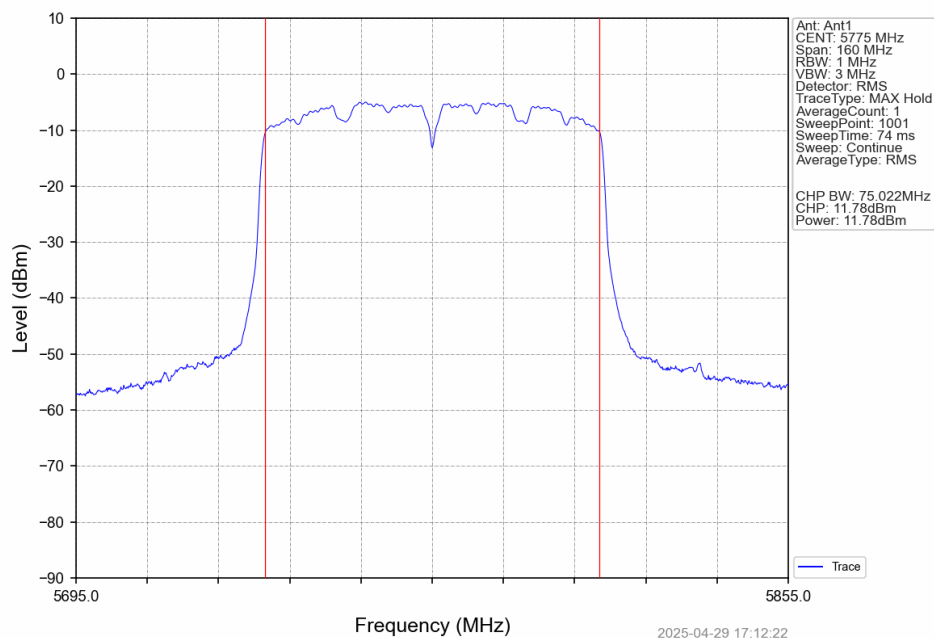
802.11ac (VHT80)_MCH_5210MHz_Ant1_NTNV



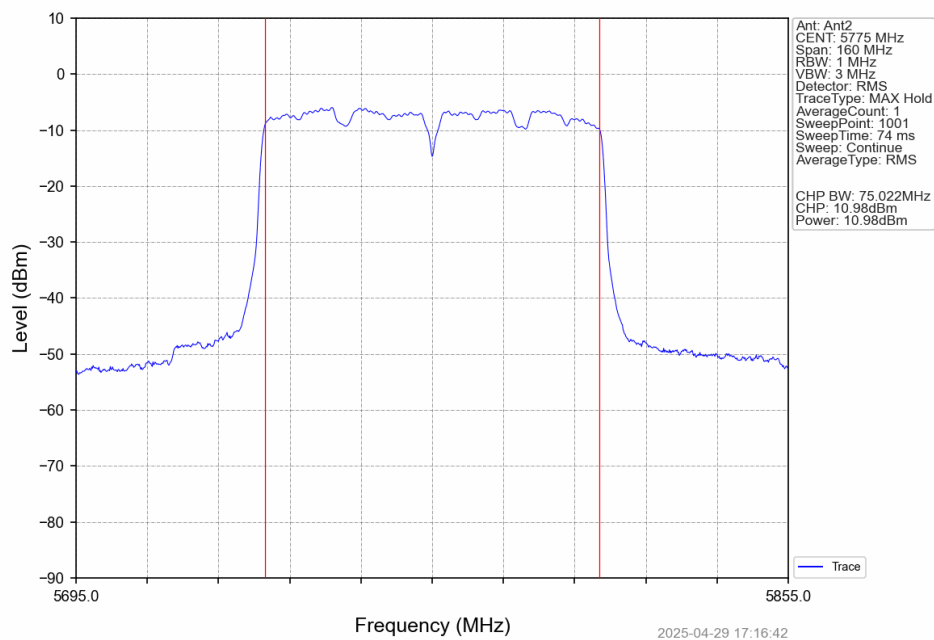
802.11ac (VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac (VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac (VHT80)_MCH_5775MHz_Ant2_NTNV





6.4. Maximum Power Spectral Density

4.1 TEST RESULT

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	2.07	2.1	/	≤ 11	Pass
		5200	5.28	5.18	/	≤ 11	Pass
		5240	5.33	6.66	/	≤ 11	Pass
802.11n (HT20)	SISO	5180	3.83	3.96	/	≤ 11	Pass
		5200	4.44	4.33	/	≤ 11	Pass
		5240	4.26	5.3	/	≤ 11	Pass
802.11n (HT40)	SISO	5190	6.61	5	/	≤ 11	Pass
		5230	0.5	1.39	/	≤ 11	Pass
802.11n (HT20)	MIMO	5180	3.67	3.98	6.82	≤ 11	Pass
		5200	4.5	4.33	7.42	≤ 11	Pass
		5240	4.2	5.32	7.81	≤ 11	Pass
802.11n (HT40)	MIMO	5190	6.94	5.23	9.15	≤ 11	Pass
		5230	0.48	1.37	3.96	≤ 11	Pass
802.11ac (VHT20)	SISO	5180	1.33	0.52	/	≤ 11	Pass
		5200	1.96	0.85	/	≤ 11	Pass
		5240	1.99	2.25	/	≤ 11	Pass
802.11ac (VHT40)	SISO	5190	-1.85	-2.09	/	≤ 11	Pass
		5230	-2.12	-0.81	/	≤ 11	Pass
802.11ac (VHT80)	SISO	5210	-5.13	-4.78	/	≤ 11	Pass
802.11ac (VHT20)	MIMO	5180	1.35	0.45	3.87	≤ 11	Pass
		5200	1.99	0.82	4.43	≤ 11	Pass
		5240	2	2.16	5.06	≤ 11	Pass
802.11ac (VHT40)	MIMO	5190	-1.9	-2.03	1.05	≤ 11	Pass
		5230	-2.59	-0.83	1.37	≤ 11	Pass
802.11ac (VHT80)	MIMO	5210	-5.05	-4.95	-2.14	≤ 11	Pass

Notel: Antenna Gain: Ant1: 0.02dBi; Ant2: 0.02dBi;



4.1.2 PSD-BAND3

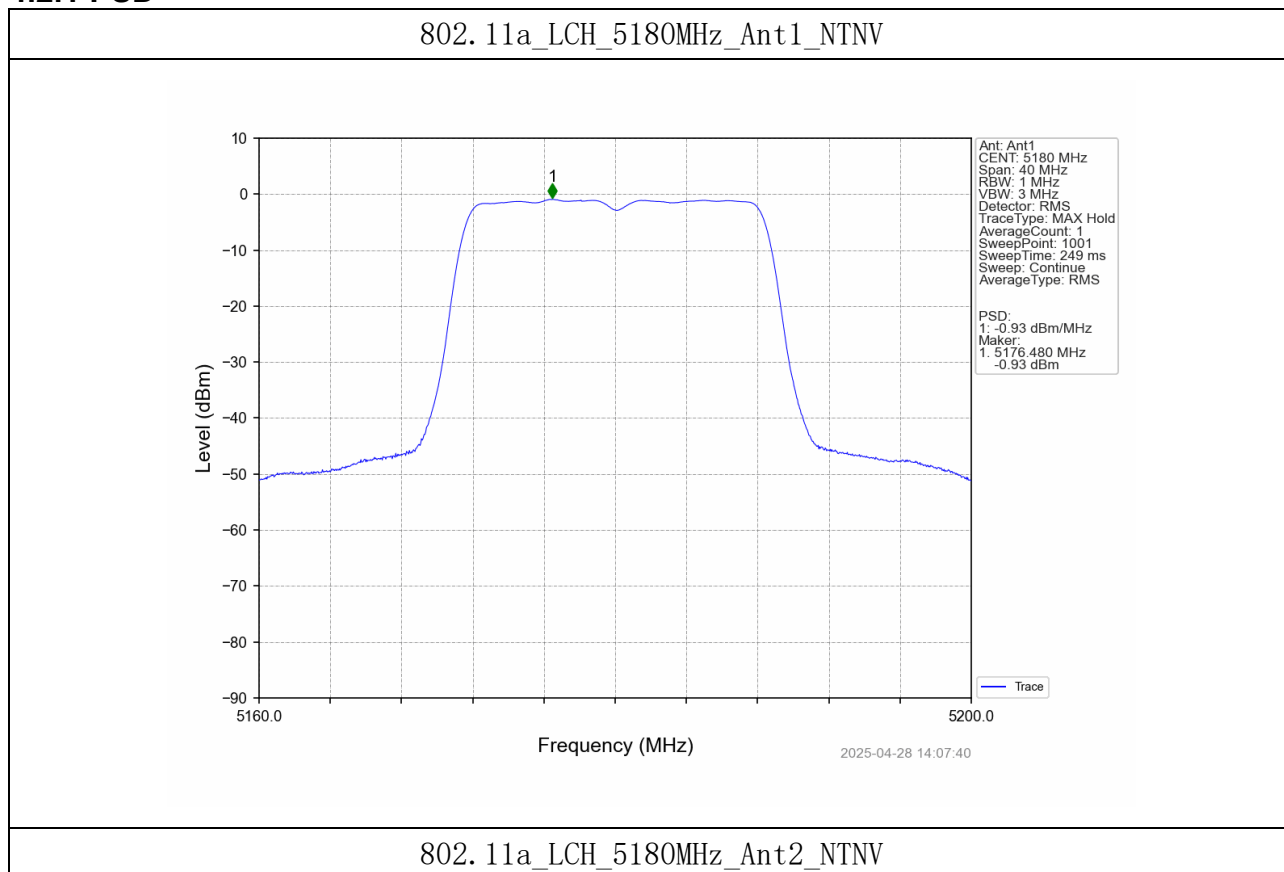
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	4.8	3.87	/	≤ 30	Pass
		5785	4.66	4.37	/	≤ 30	Pass
		5825	5.48	4.99	/	≤ 30	Pass
	MIMO	5745	4.91	3.92	4.29	≤ 30	Pass
		5785	4.6	4.44	4.47	≤ 30	Pass
		5825	5.52	4.8	5.16	≤ 30	Pass
802.11n (HT20)	SISO	5745	3.39	2.78	/	≤ 30	Pass
		5785	3.75	2.32	/	≤ 30	Pass
		5825	2.42	2.2	/	≤ 30	Pass
802.11n (HT40)	SISO	5755	1.68	0.94	/	≤ 30	Pass
		5795	1.06	1.83	/	≤ 30	Pass
802.11n (HT20)	MIMO	5745	3.35	3.9	6.58	≤ 30	Pass
		5785	2.11	2.17	5.14	≤ 30	Pass
		5825	2.52	1.88	5.21	≤ 30	Pass
802.11n (HT40)	MIMO	5755	1.76	0.98	4.37	≤ 30	Pass
		5795	1.22	1.82	4.53	≤ 30	Pass
802.11ac (VHT20)	SISO	5745	-2.71	-3.75	/	≤ 30	Pass
		5785	-2.29	-2.69	/	≤ 30	Pass
		5825	-1.7	-2.32	/	≤ 30	Pass
802.11ac (VHT40)	SISO	5755	-1.92	-2.38	/	≤ 30	Pass
		5795	-3.35	-3.69	/	≤ 30	Pass
802.11ac (VHT80)	SISO	5775	-3.49	-4.59	/	≤ 30	Pass
802.11ac (VHT20)	MIMO	5745	-2.35	-3.46	0.05	≤ 30	Pass
		5785	-2.19	-2.5	0.66	≤ 30	Pass
		5825	-1.45	-2.04	1.16	≤ 30	Pass
802.11ac (VHT40)	MIMO	5755	-2	-2.57	0.74	≤ 30	Pass
		5795	-3.38	-3.59	-0.55	≤ 30	Pass
802.11ac (VHT80)	MIMO	5775	-3.45	-4.07	-0.91	≤ 30	Pass

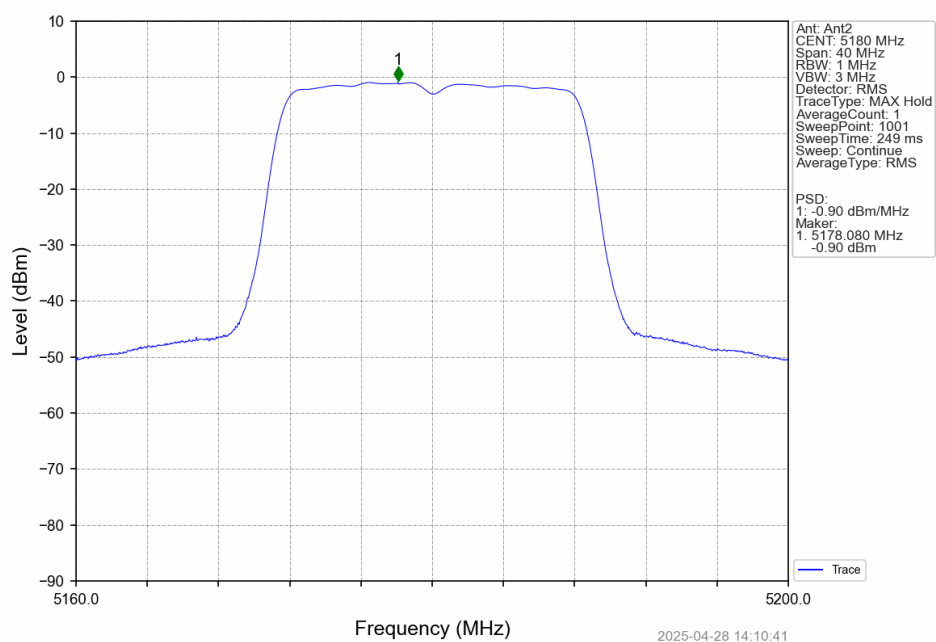
Note1: Antenna Gain: Ant1: 0.02dBi; Ant2: 0.02dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

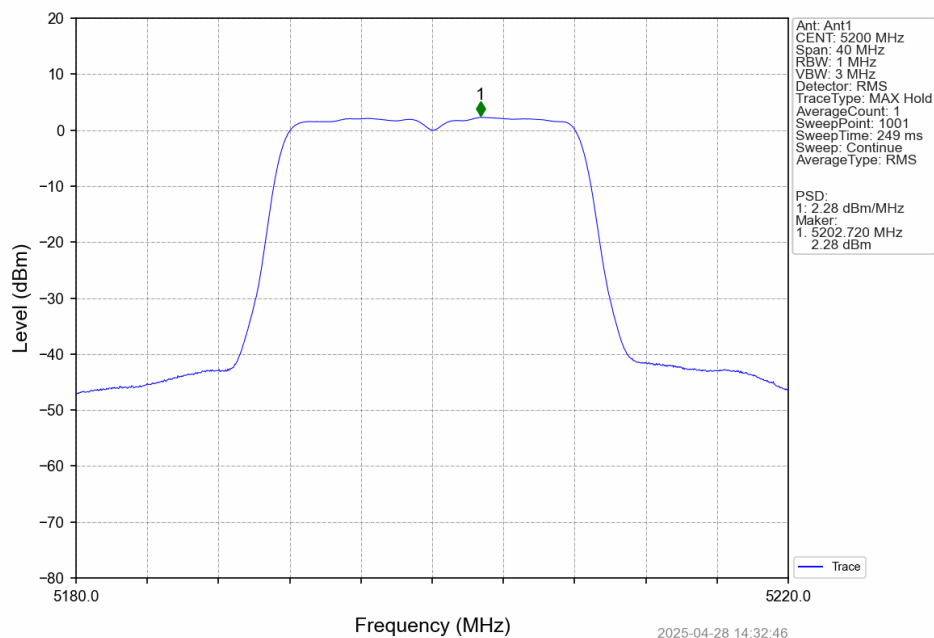
4.2 TEST GRAPH

4.2.1 PSD

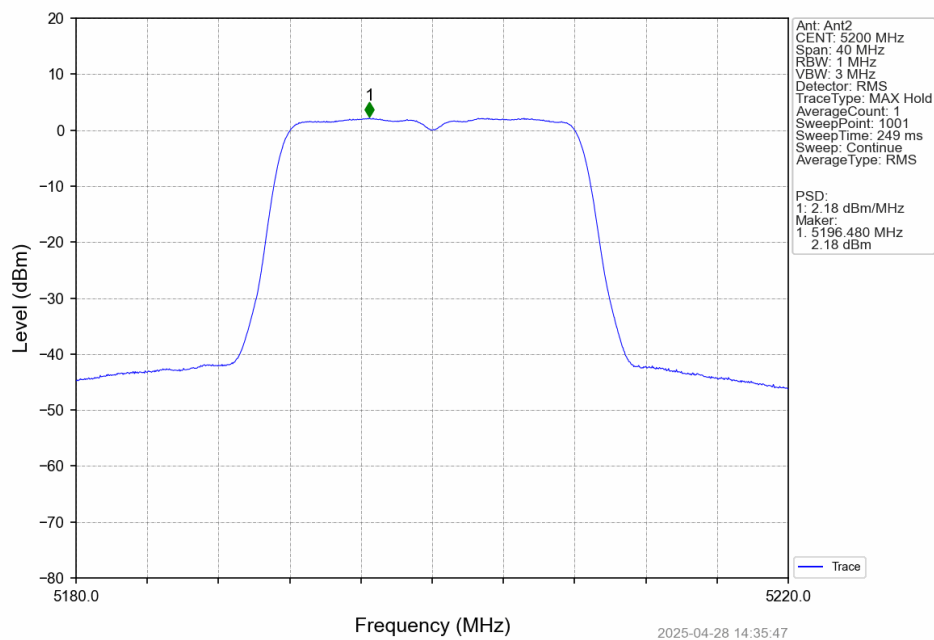




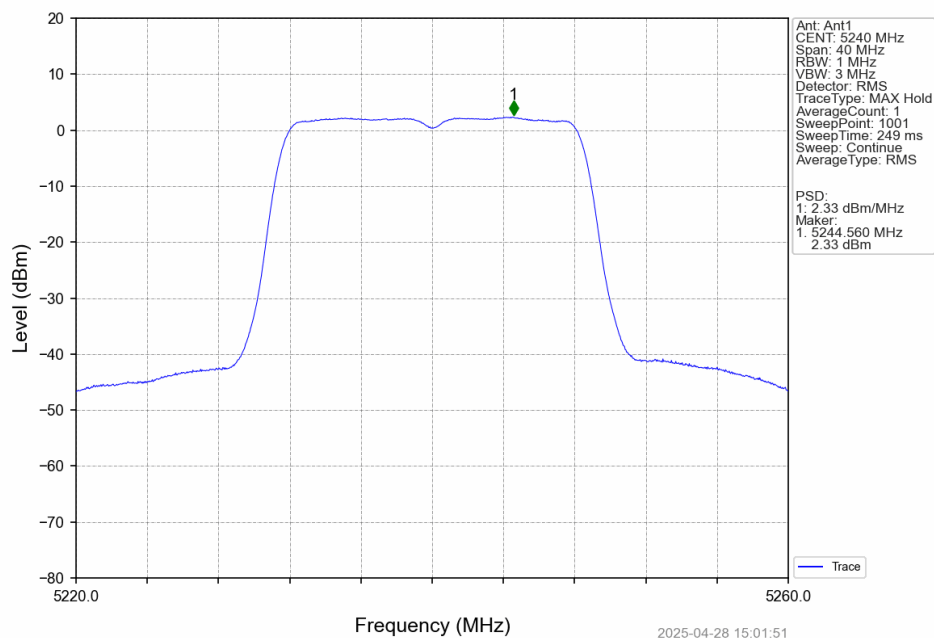
802.11a_MCH_5200MHz_Ant1_NTNV



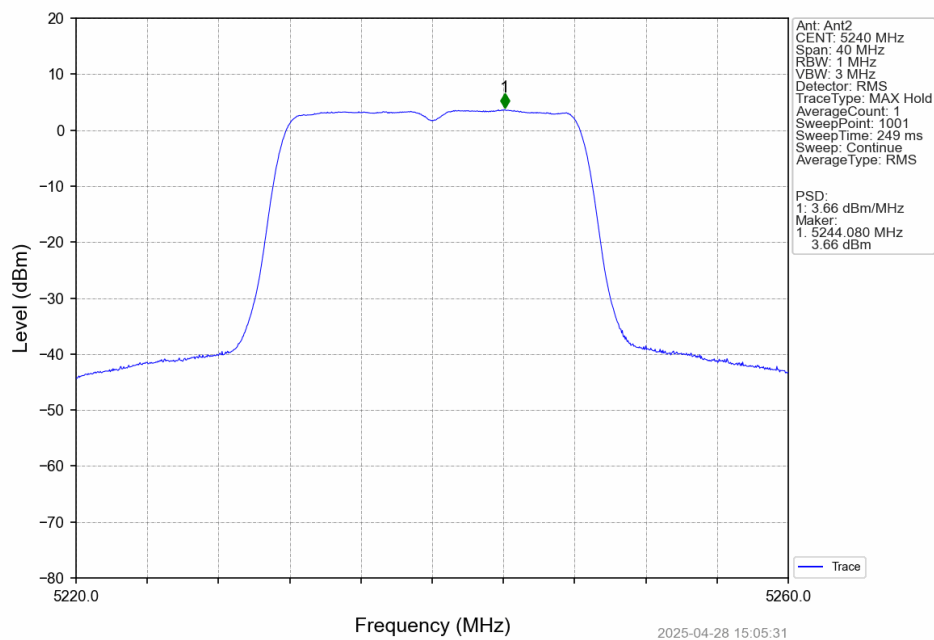
802.11a_MCH_5200MHz_Ant2_NTNV



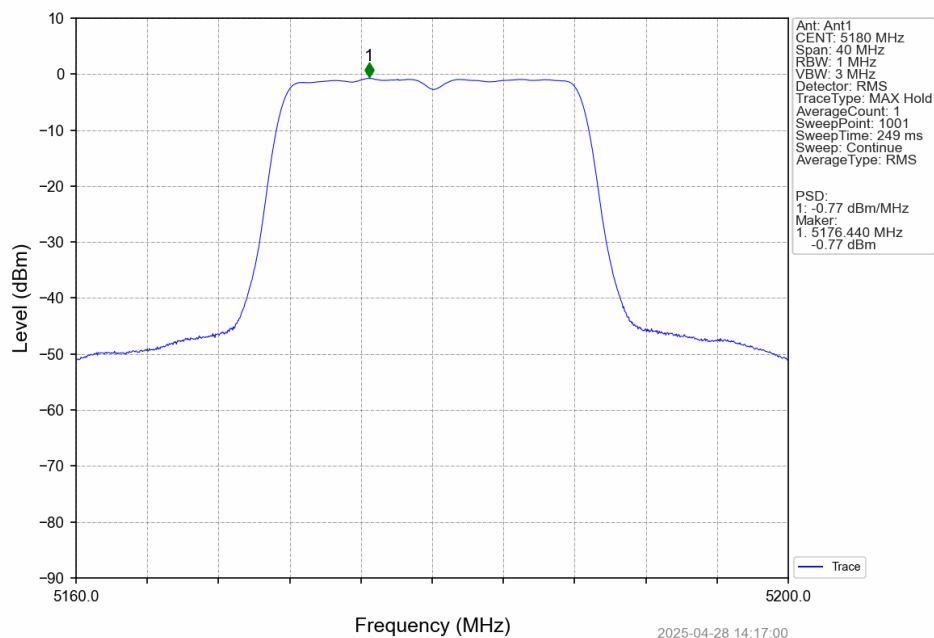
802.11a_HCH_5240MHz_Ant1_NTNV



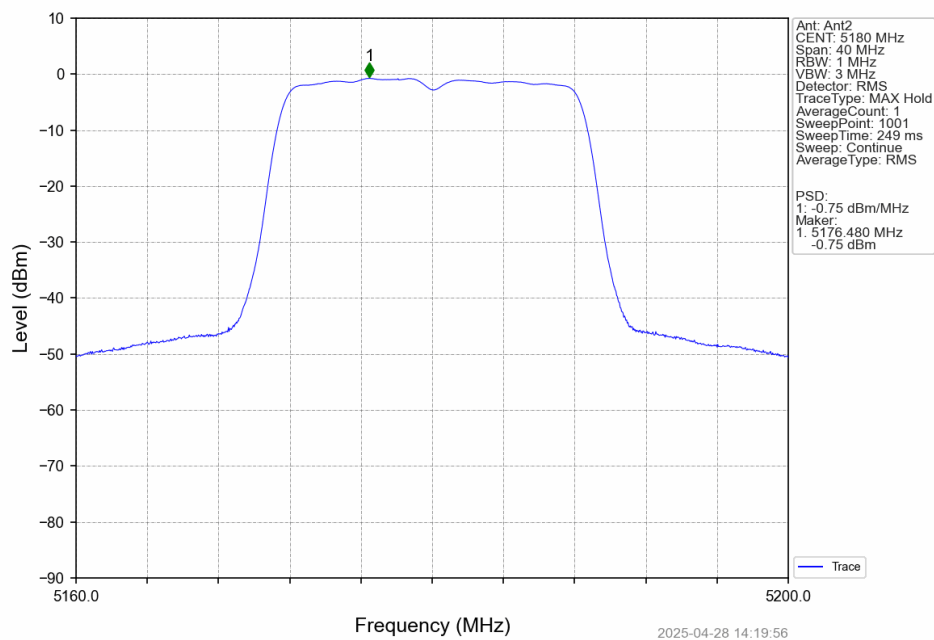
802.11a_HCH_5240MHz_Ant2_NTNV



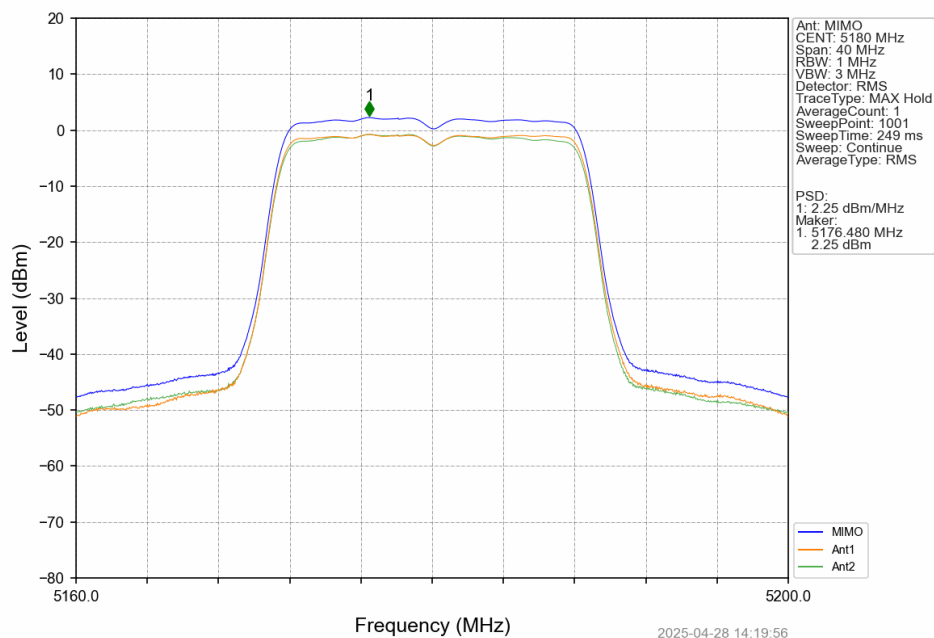
802.11a_LCH_5180MHz_Ant1_NTNV



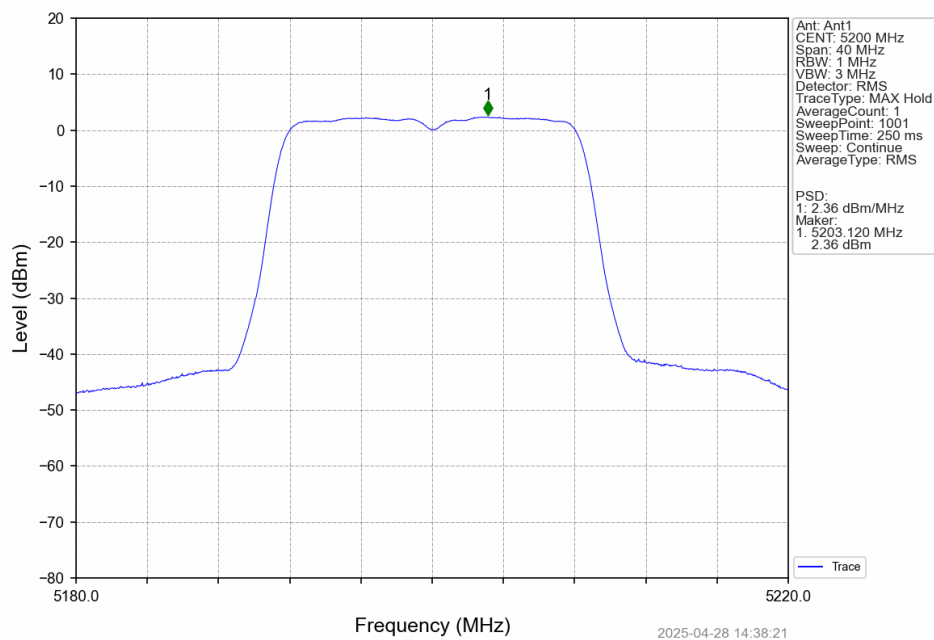
802.11a_LCH_5180MHz_Ant2_NTNV



802.11a_LCH_5180MHz_MIMO_NTNV

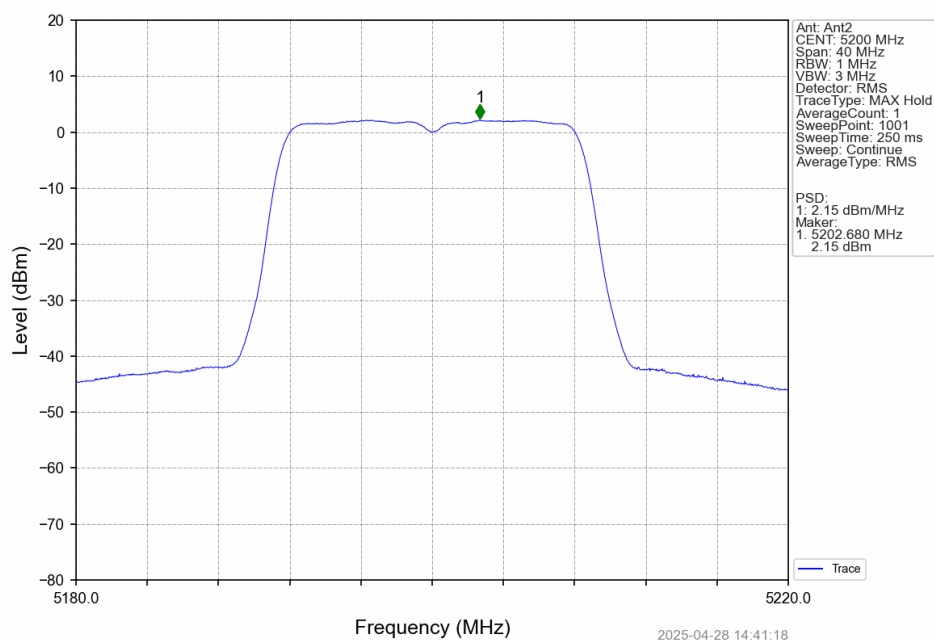


802.11a_MCH_5200MHz_Ant1_NTNV

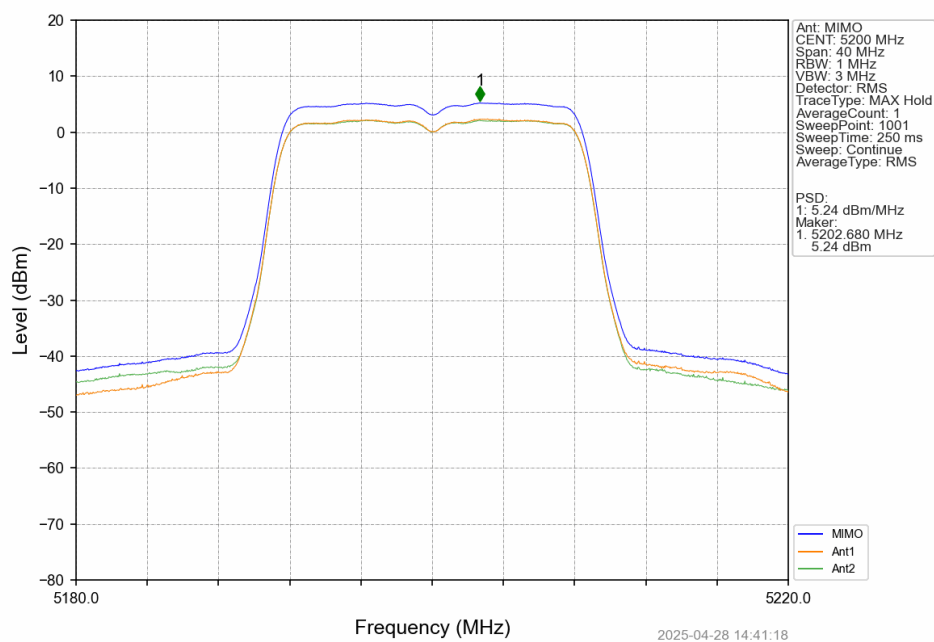




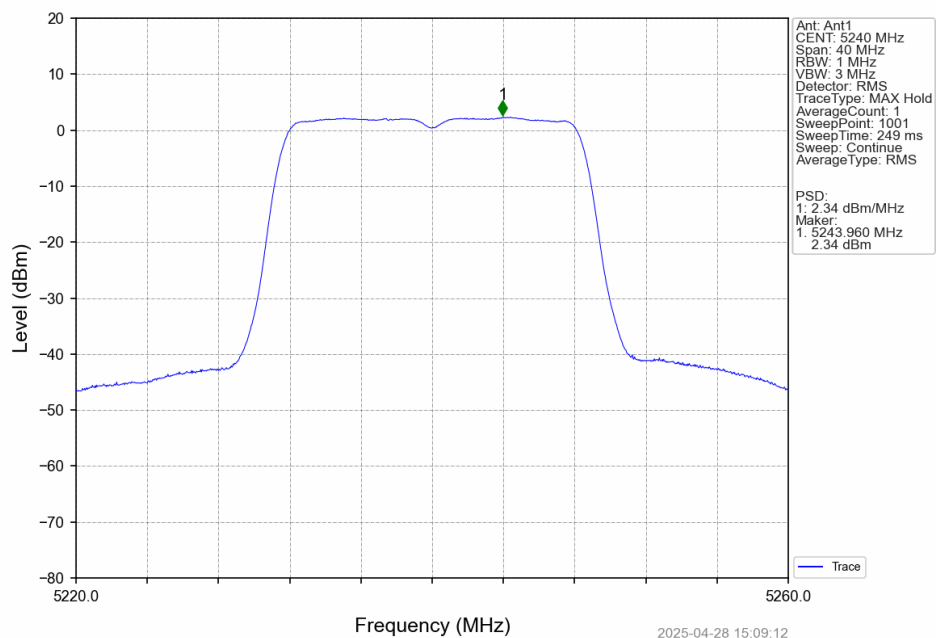
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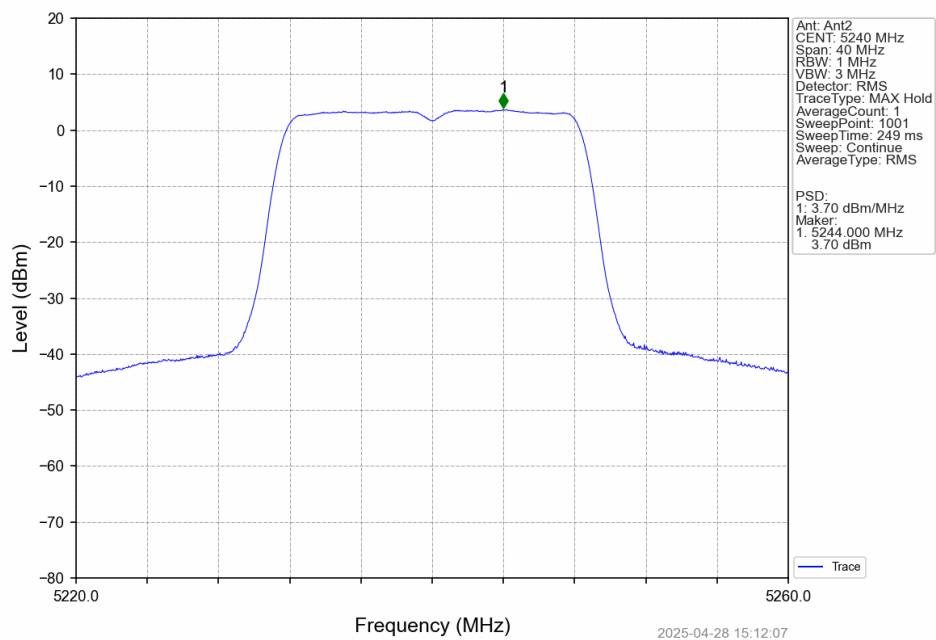
802.11a_MCH_5200MHz_MIMO_NTNV



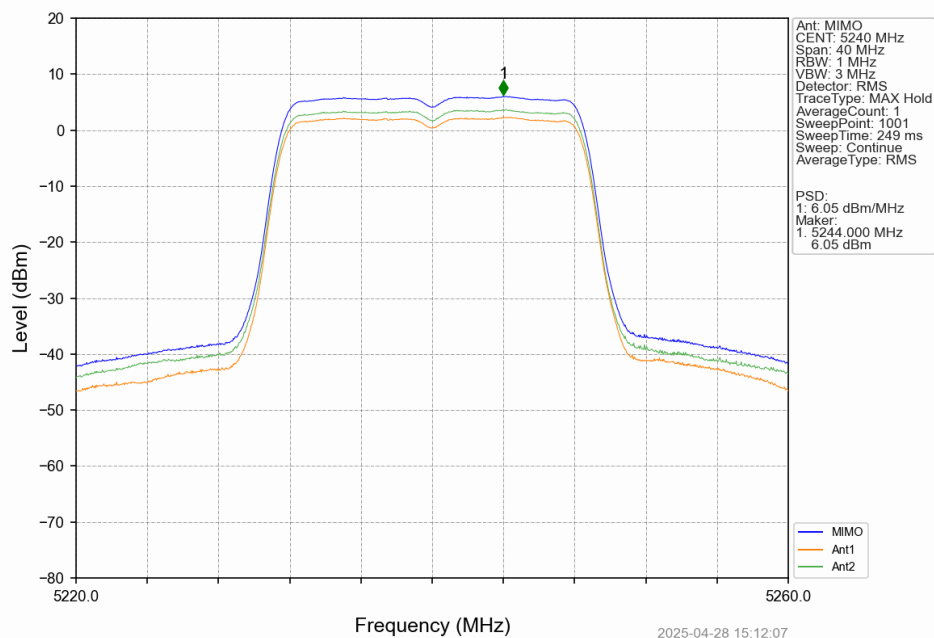
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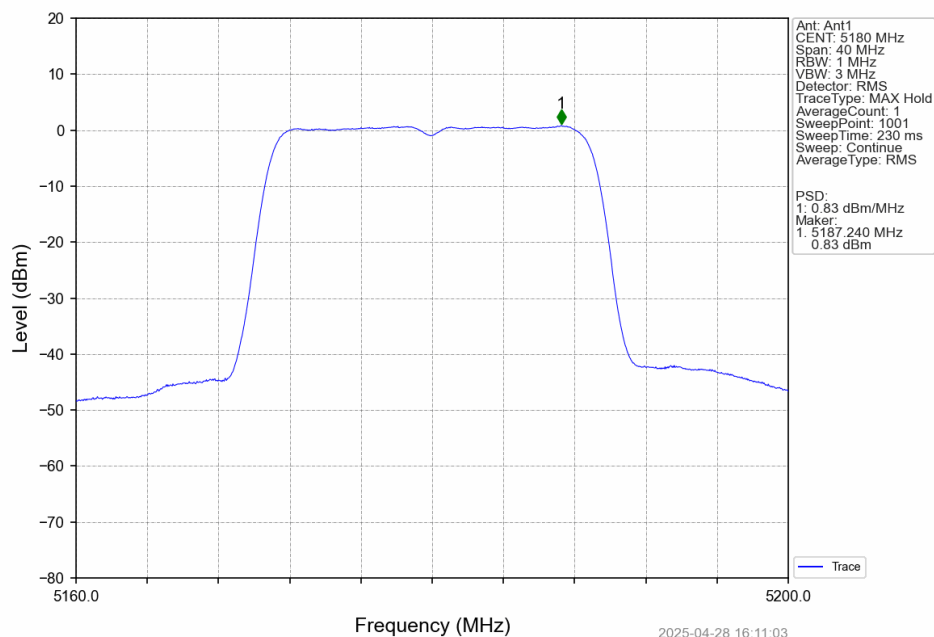
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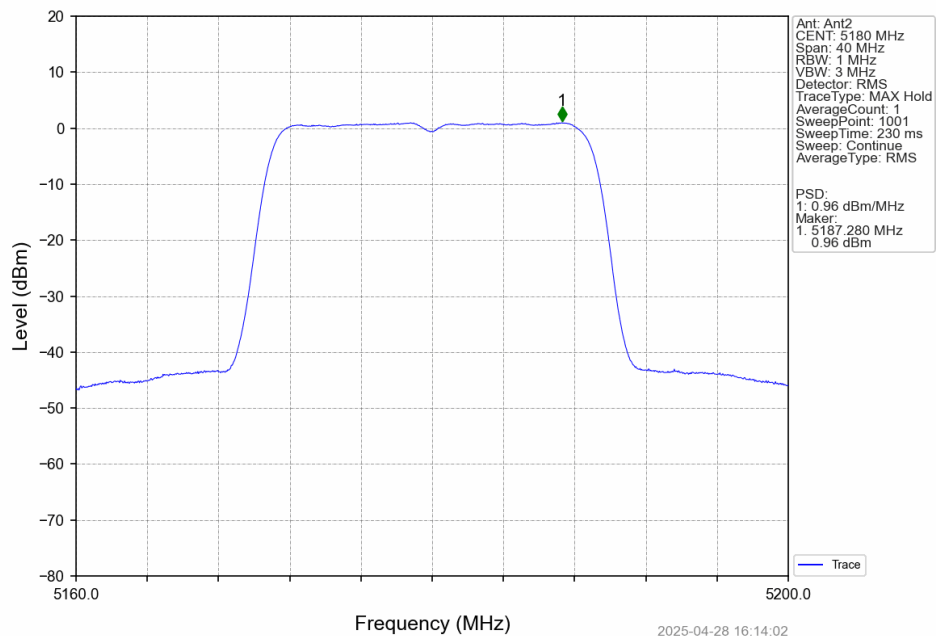
802.11a_HCH_5240MHz_MIMO_NTNV



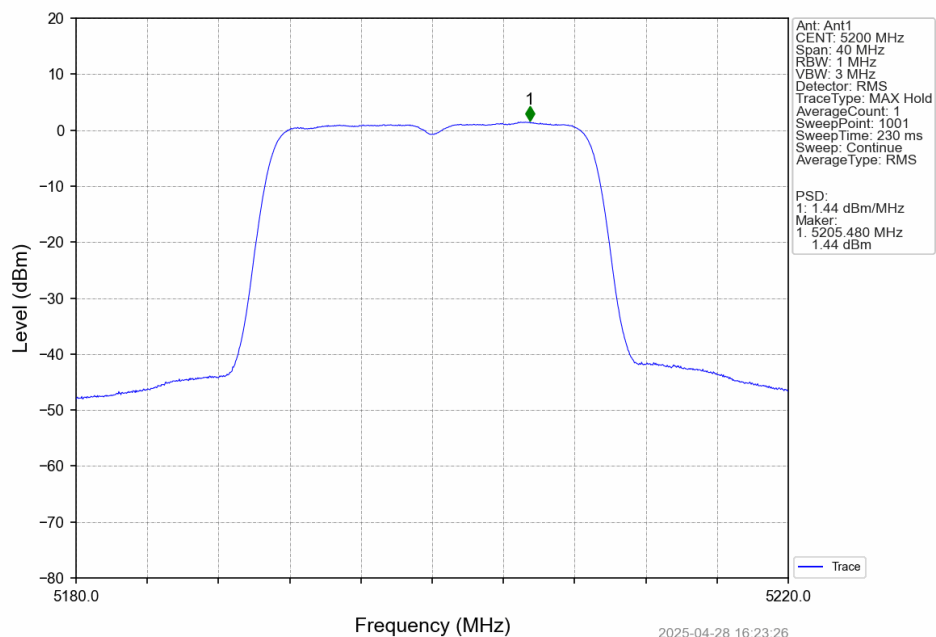
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



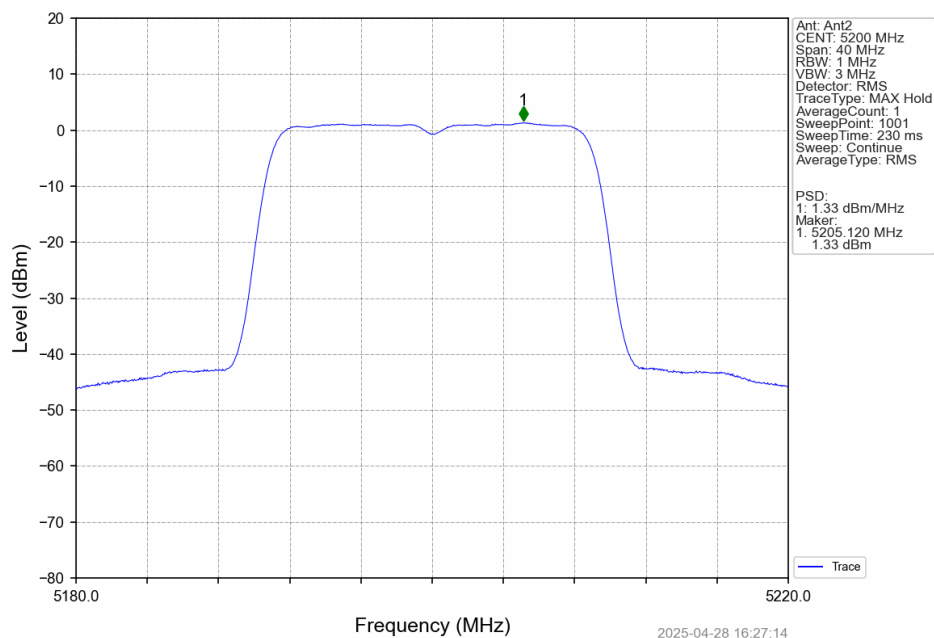
802.11n (HT20) _LCH_5180MHz_Ant2_NTNV



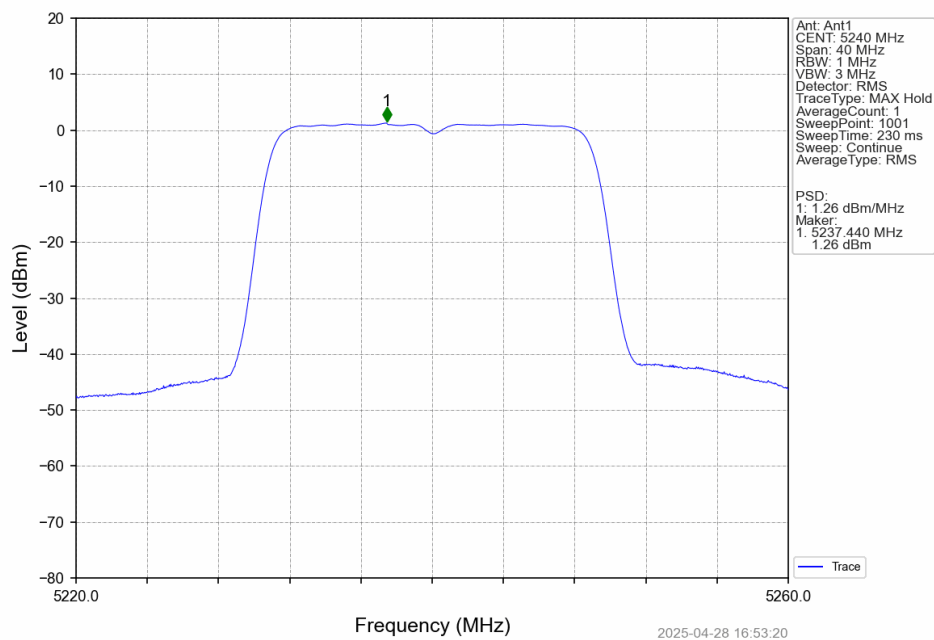
802.11n (HT20) _MCH_5200MHz_Ant1_NTNV



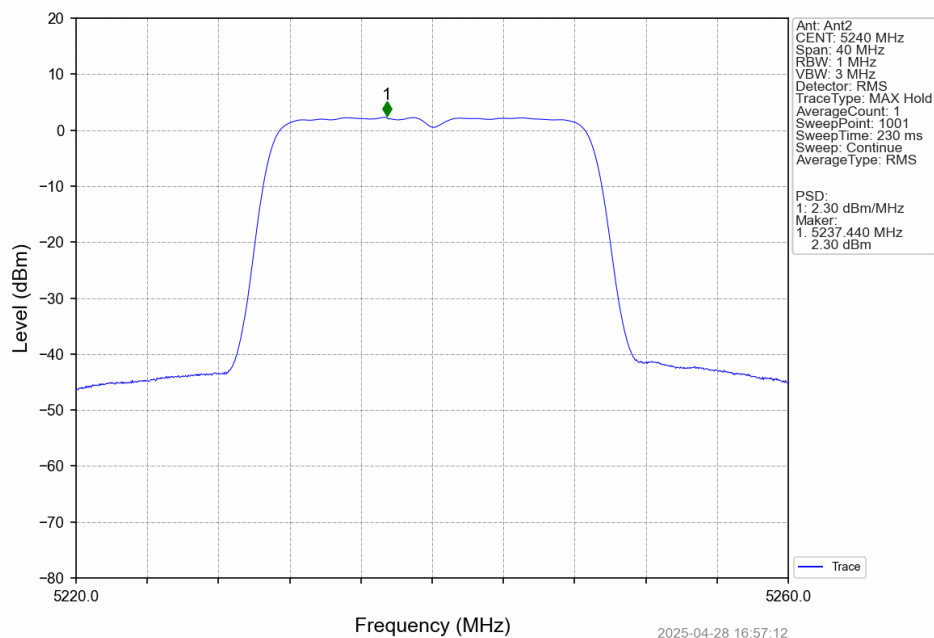
802.11n (HT20) _MCH_5200MHz_Ant2_NTNV



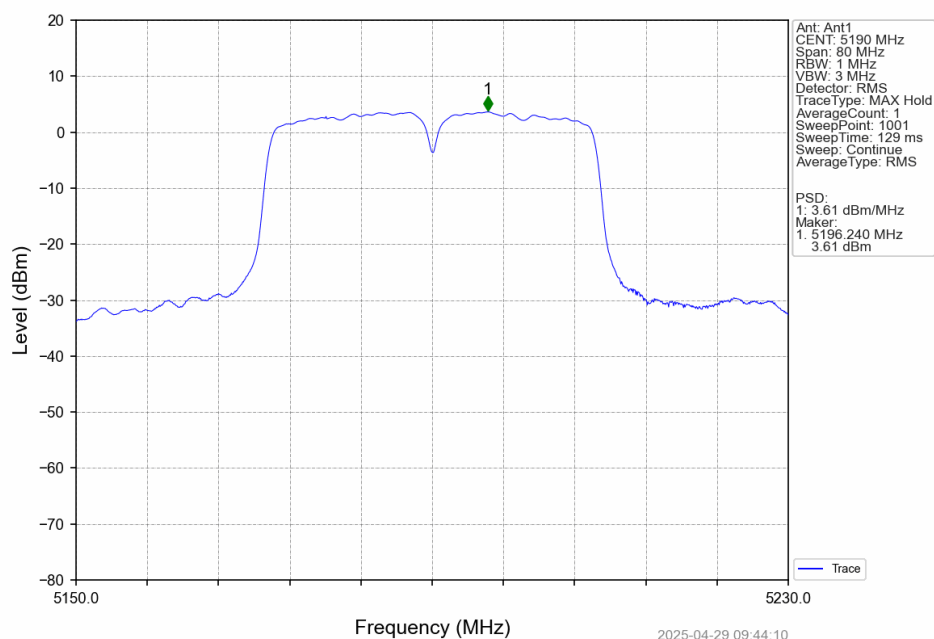
802.11n (HT20) _HCH_5240MHz_Ant1_NTNV



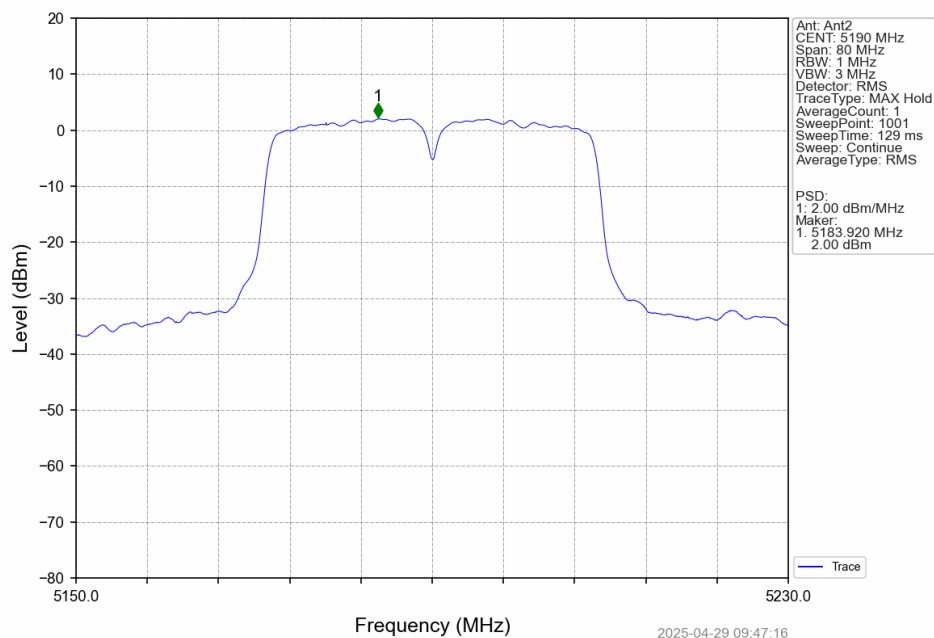
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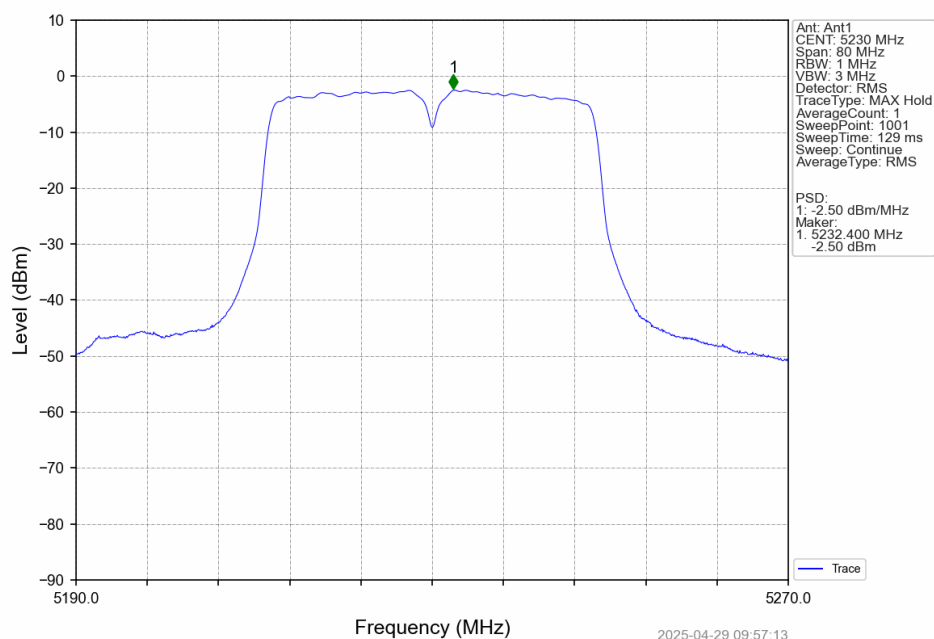
802.11n (HT40) _LCH_5190MHz_Ant1_NTNV



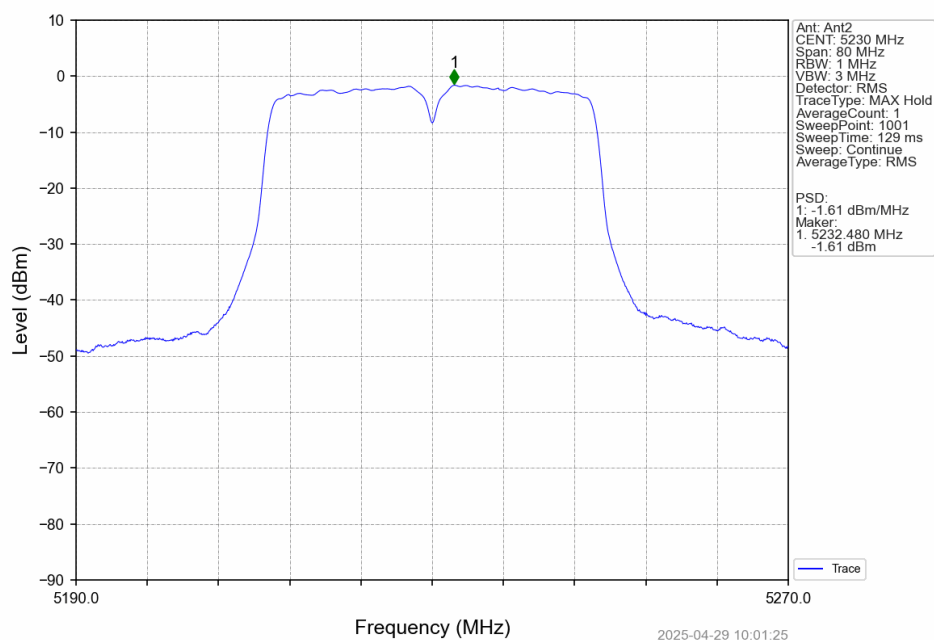
802.11n (HT40) _LCH_5190MHz_Ant2_NTNV



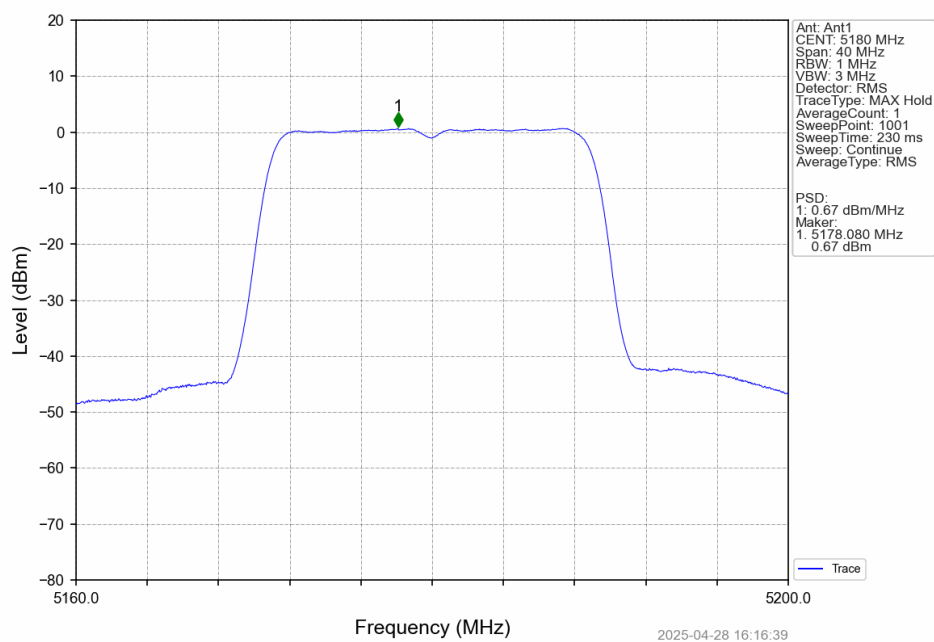
802.11n (HT40) _HCH_5230MHz_Ant1_NTNV



802.11n (HT40) _HCH_5230MHz_Ant2_NTNV

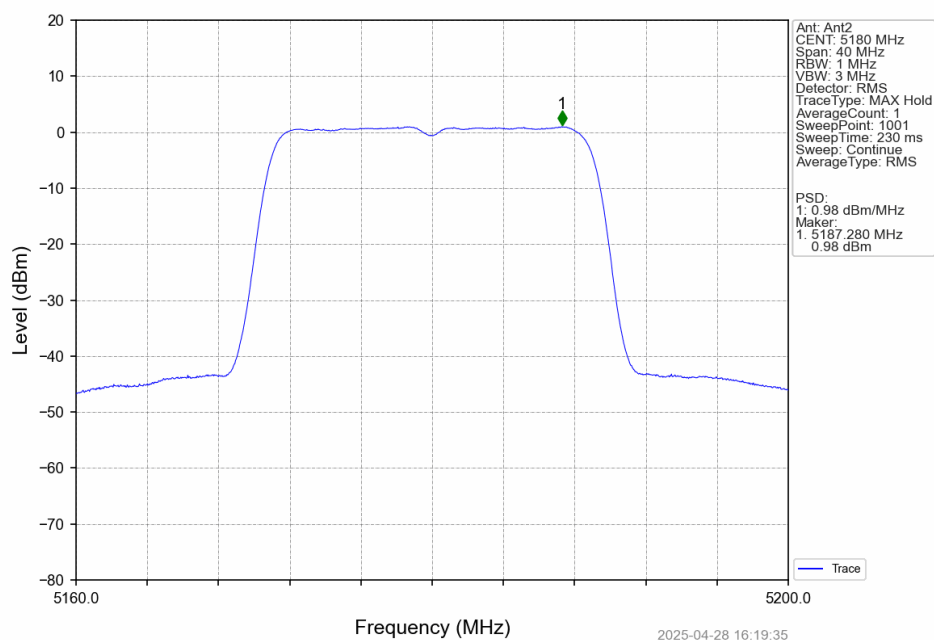


802.11n (HT20) _LCH_5180MHz_Ant1_NTNV

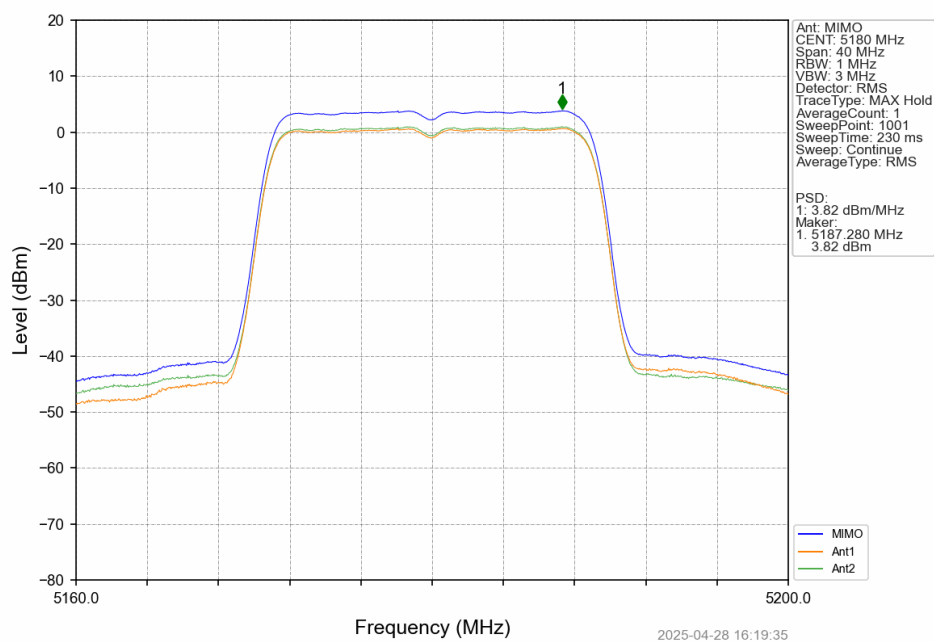




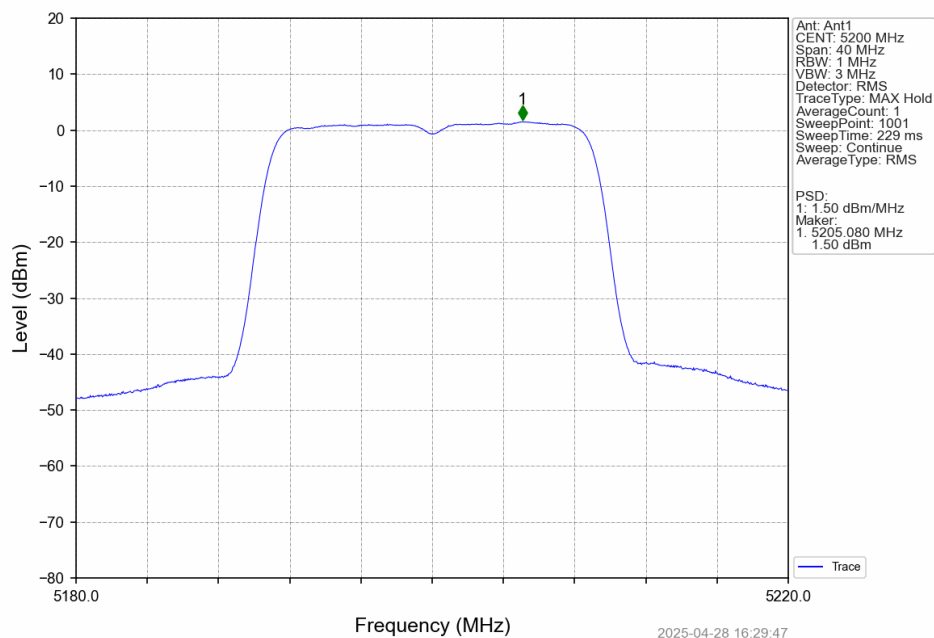
802.11n (HT20) _LCH_5180MHz_Ant2_NTNV



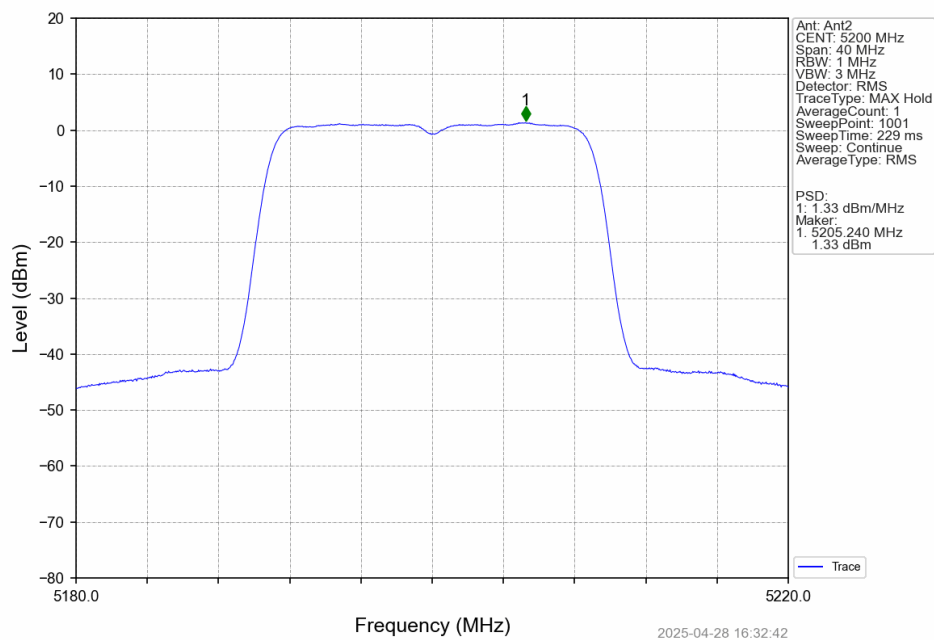
802.11n (HT20) _LCH_5180MHz_MIMO_NTNV



802.11n (HT20) _MCH_5200MHz_Ant1_NTNV

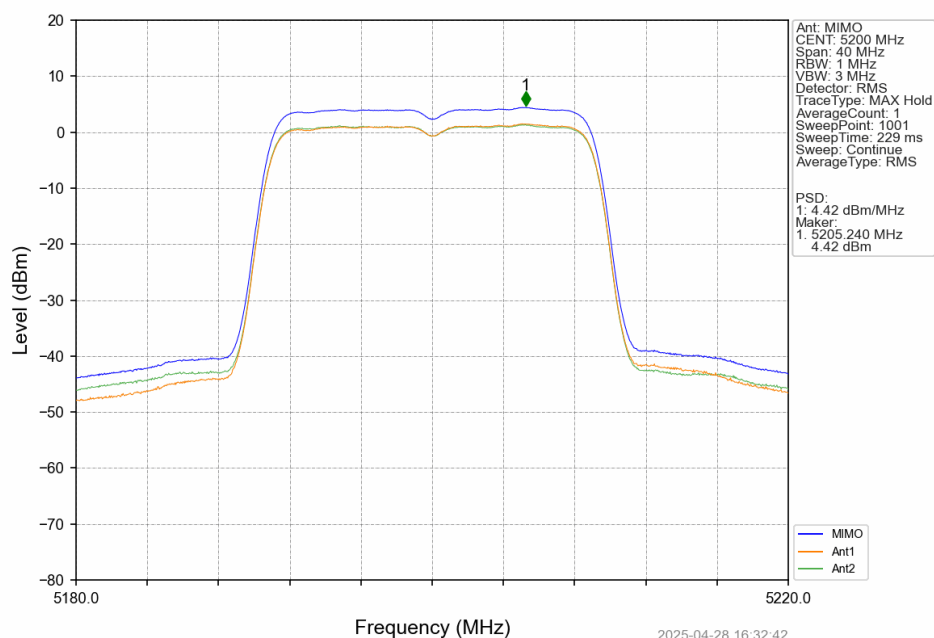


802.11n (HT20) _MCH_5200MHz_Ant2_NTNV

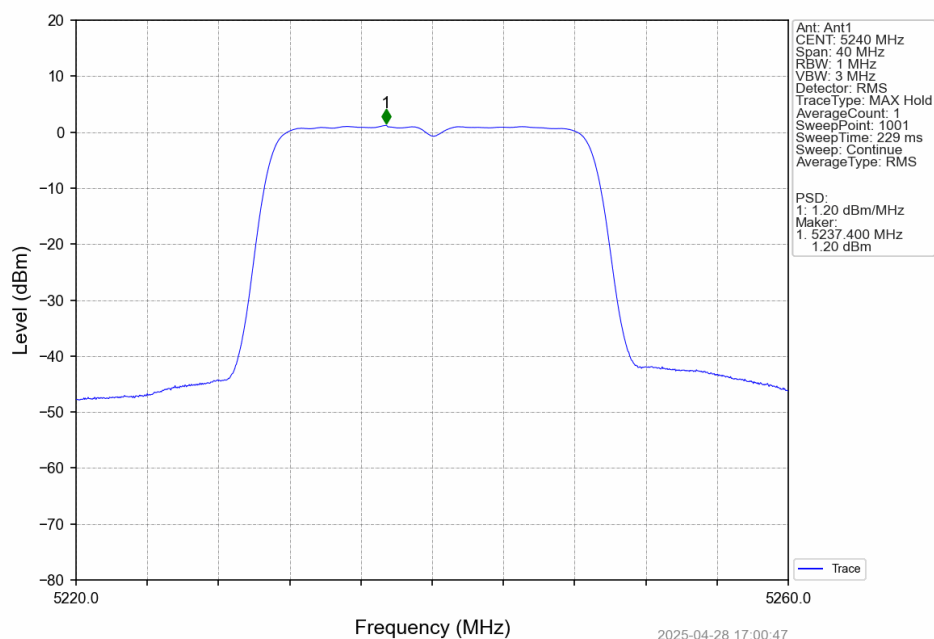




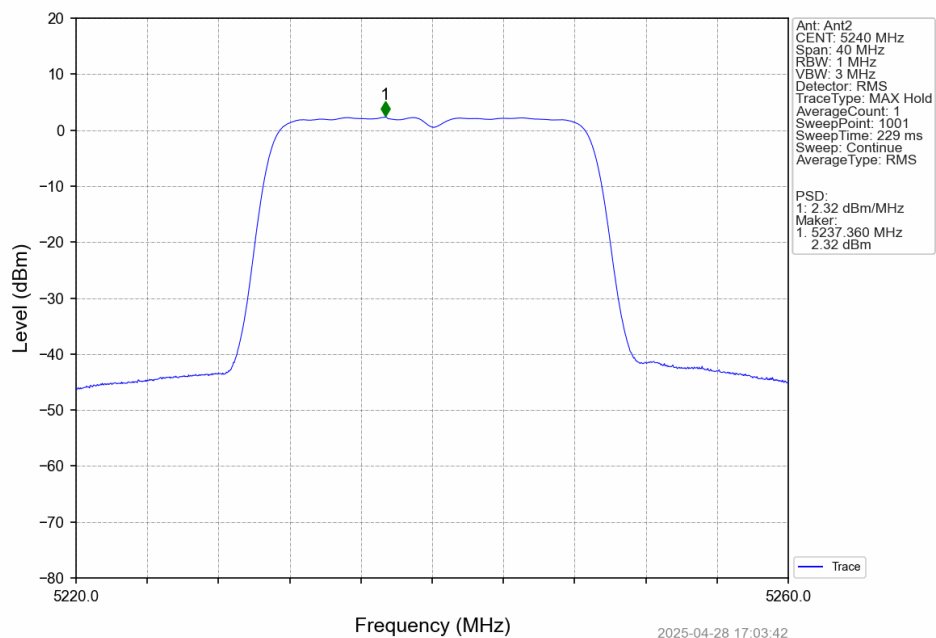
802.11n (HT20) _MCH_5200MHz_MIMO_NTNV



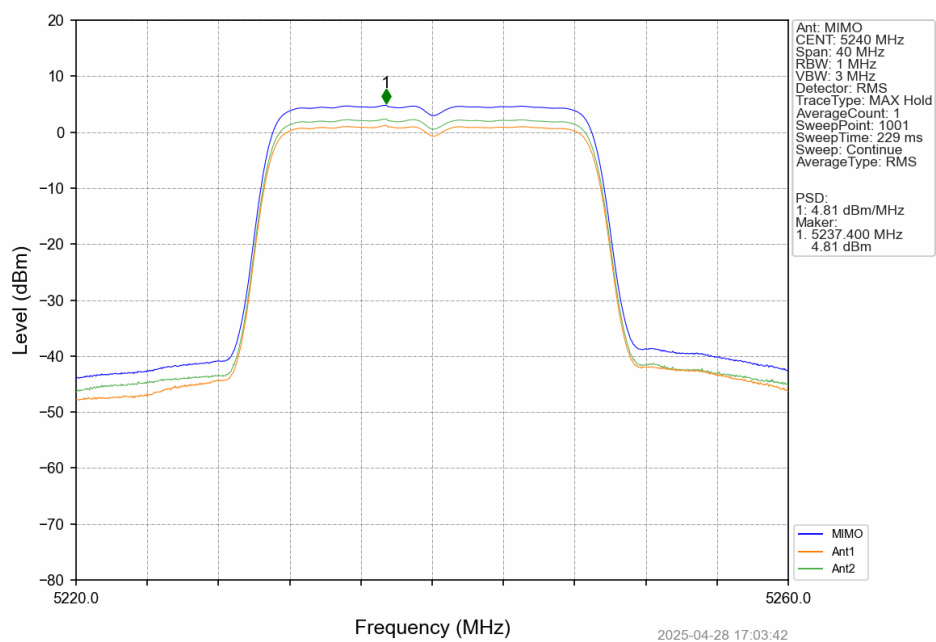
802.11n (HT20) _HCH_5240MHz_Ant1_NTNV



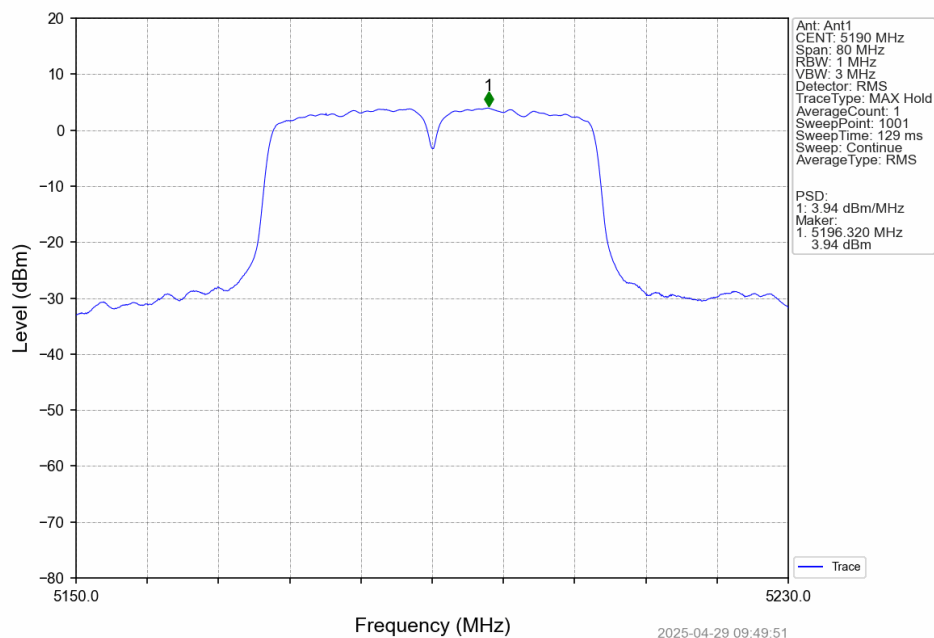
802.11n (HT20) _HCH_5240MHz_Ant2_NTNV



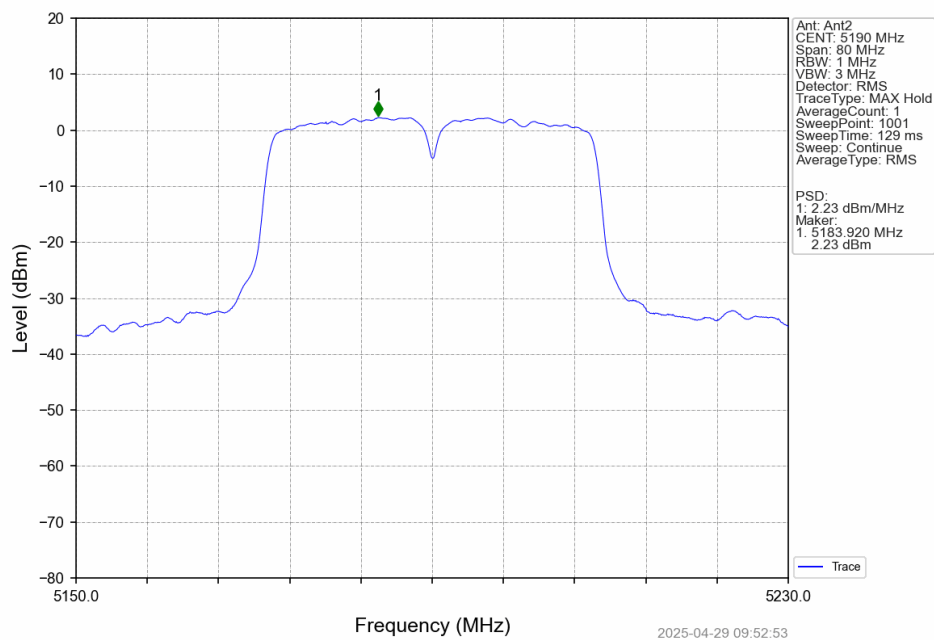
802.11n (HT20) _HCH_5240MHz_MIMO_NTNV



802.11n (HT40) _LCH_5190MHz_Ant1_NTNV

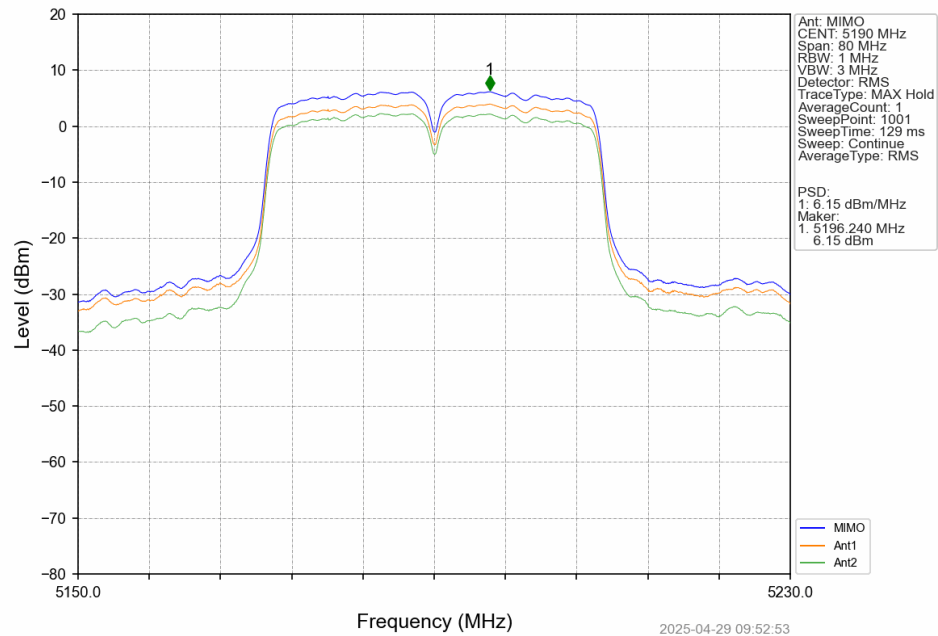


802.11n (HT40) _LCH_5190MHz_Ant2_NTNV

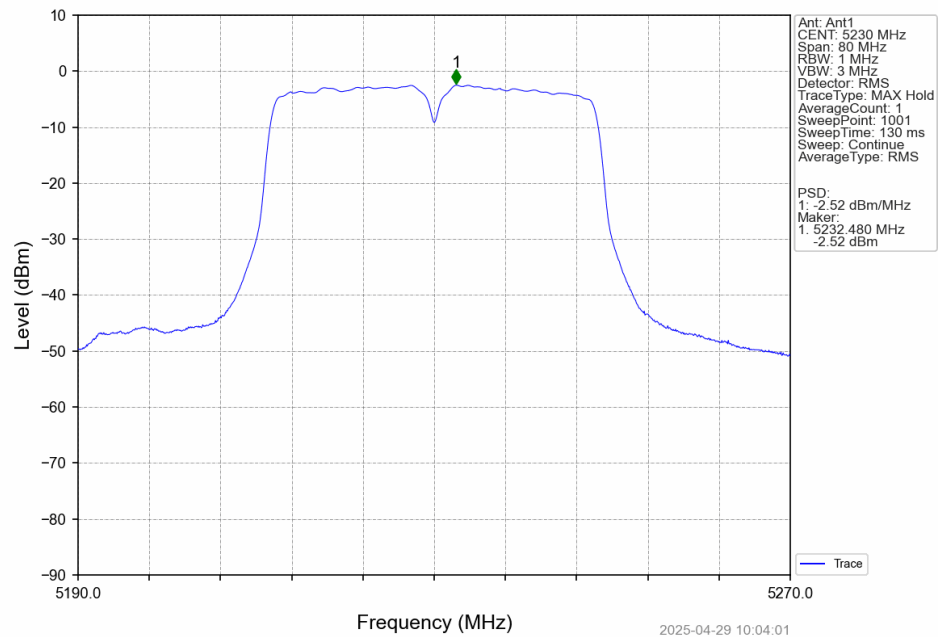




802.11n (HT40) _LCH_5190MHz_MIMO_NTNV

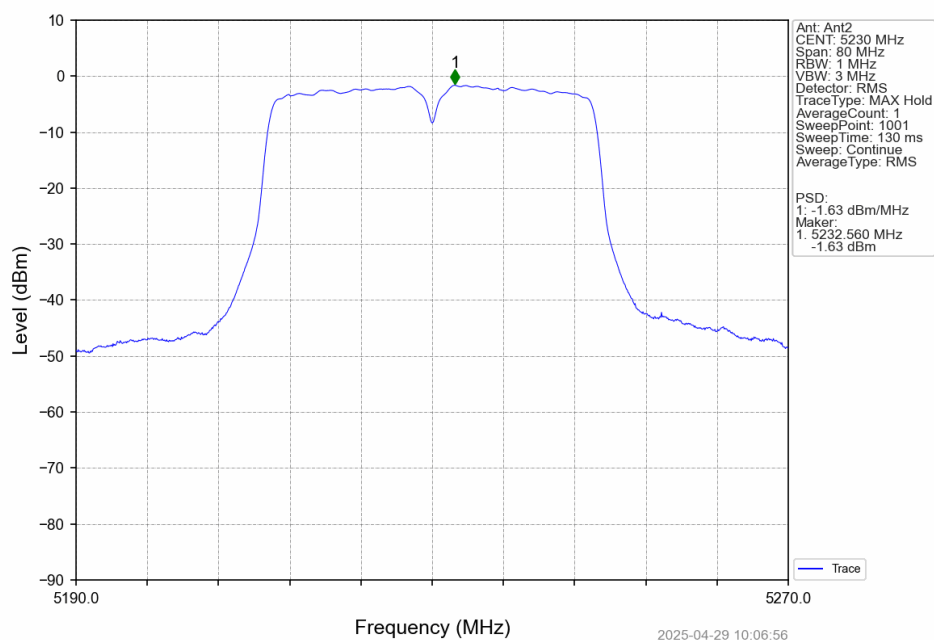


802.11n (HT40) _HCH_5230MHz_Ant1_NTNV

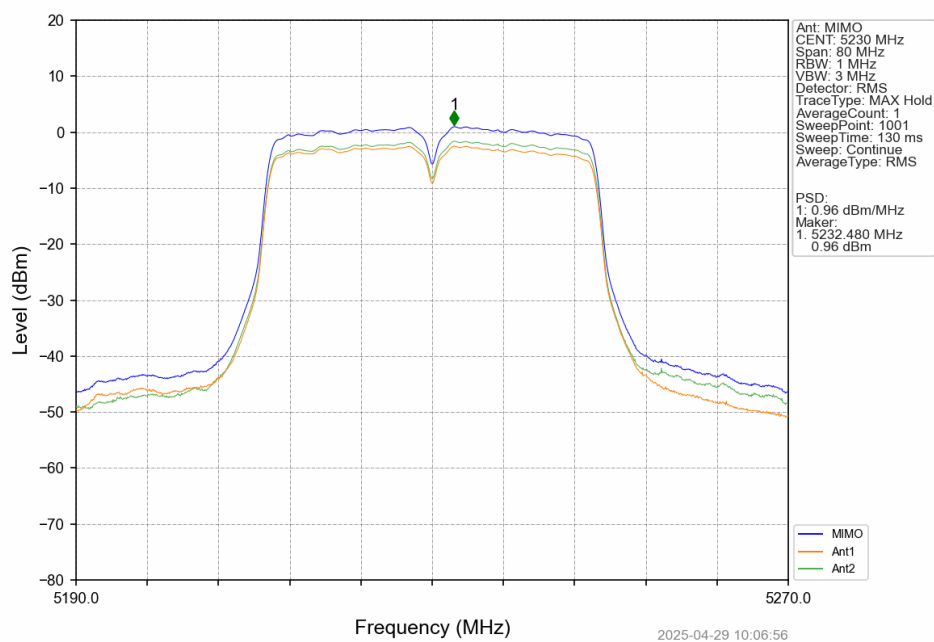




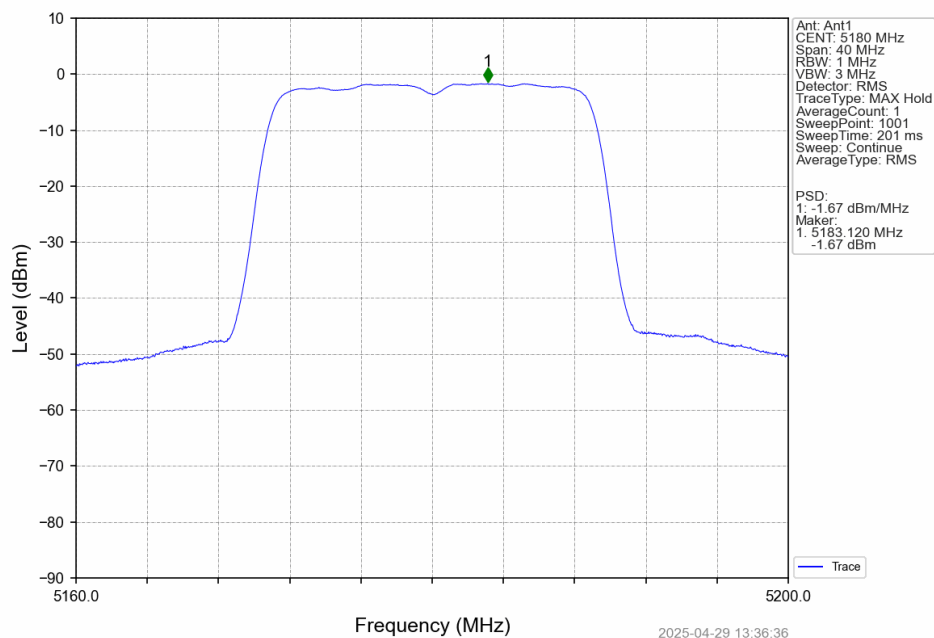
802.11n (HT40) _HCH_5230MHz_Ant2_NTNV



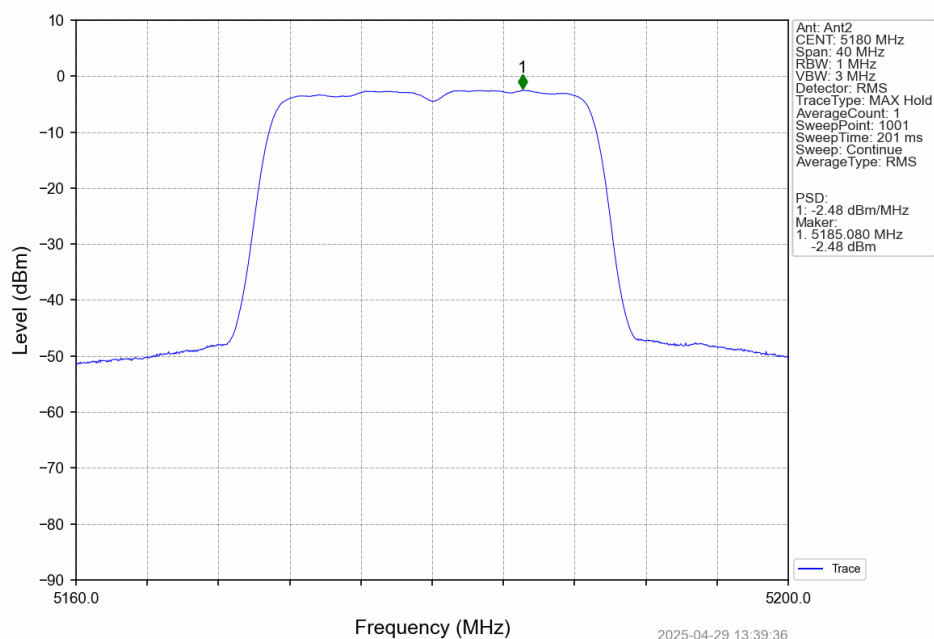
802.11n (HT40) _HCH_5230MHz_MIMO_NTNV



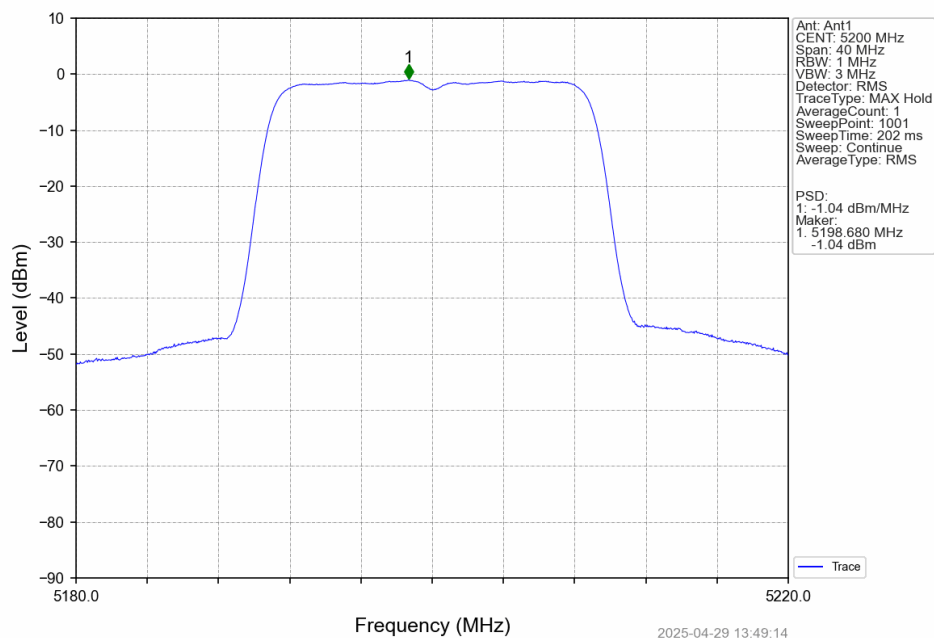
802.11ac (VHT20)_LCH_5180MHz_Ant1_NTNV



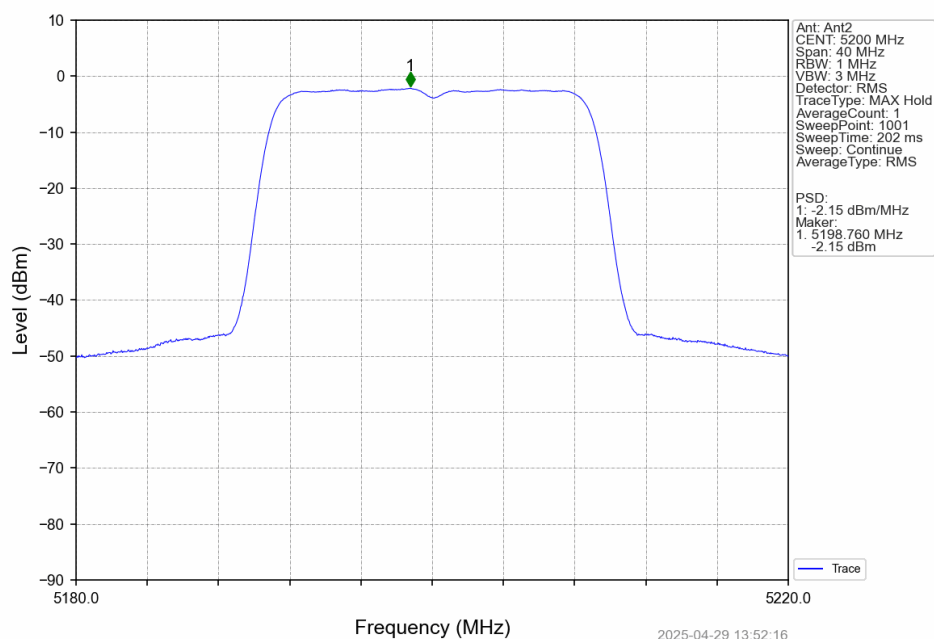
802.11ac (VHT20)_LCH_5180MHz_Ant2_NTNV



802.11ac (VHT20) _MCH_5200MHz_Ant1_NTNV

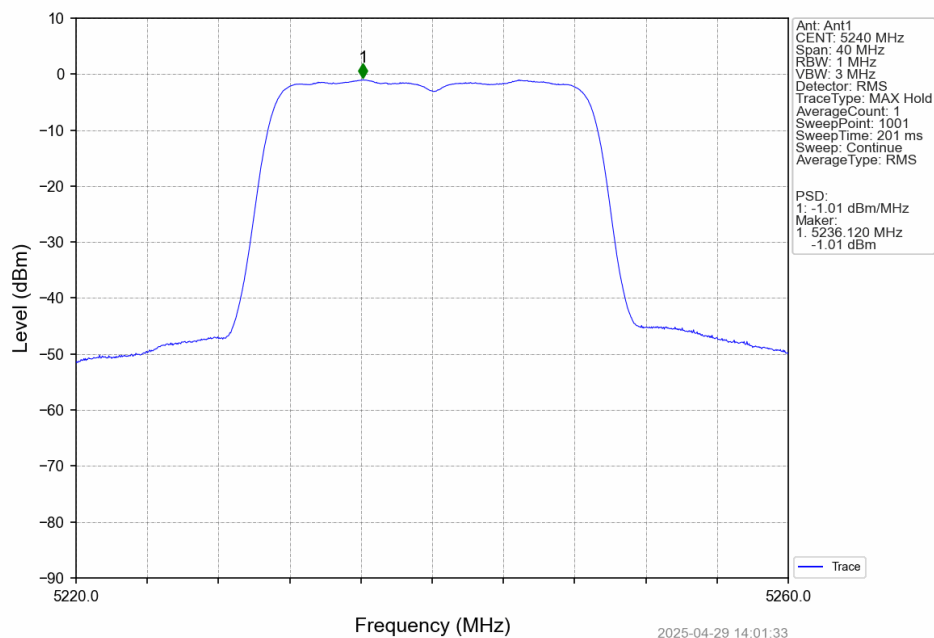


802.11ac (VHT20) _MCH_5200MHz_Ant2_NTNV

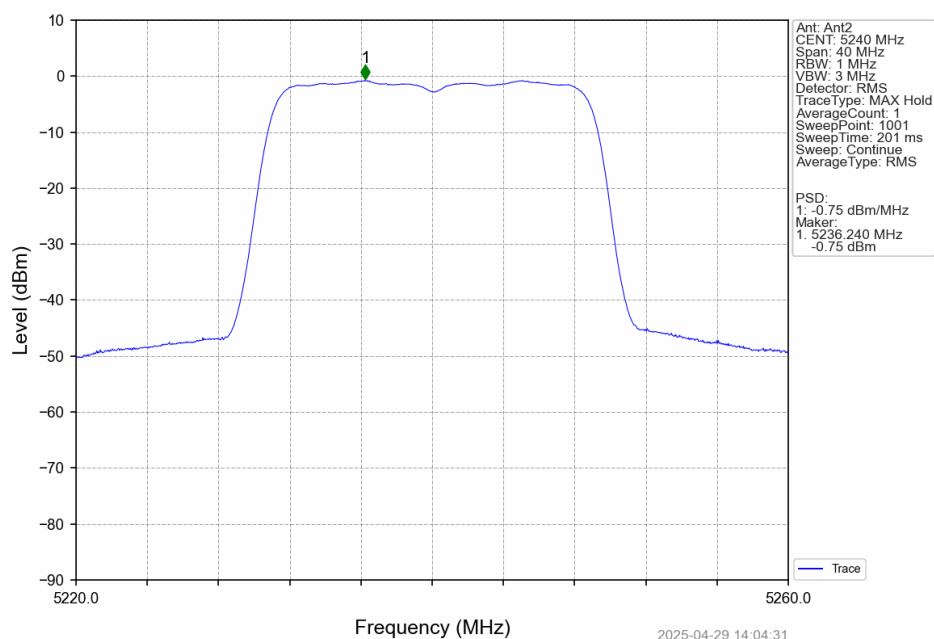




802.11ac (VHT20)_HCH_5240MHz_Ant1_NTNV

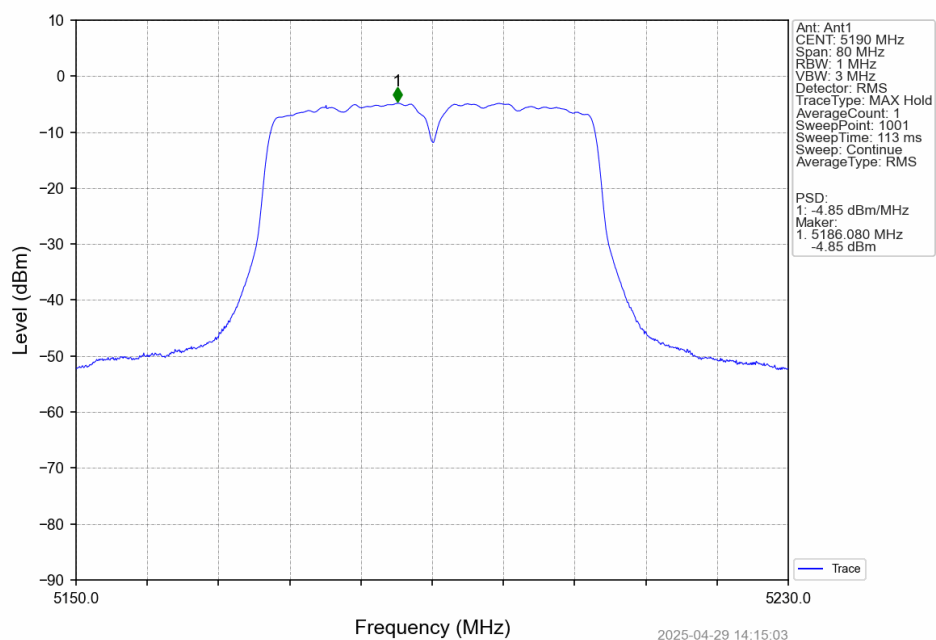


802.11ac (VHT20)_HCH_5240MHz_Ant2_NTNV





802.11ac (VHT40) _LCH_5190MHz_Ant1_NTNV



802.11ac (VHT40) _LCH_5190MHz_Ant2_NTNV

