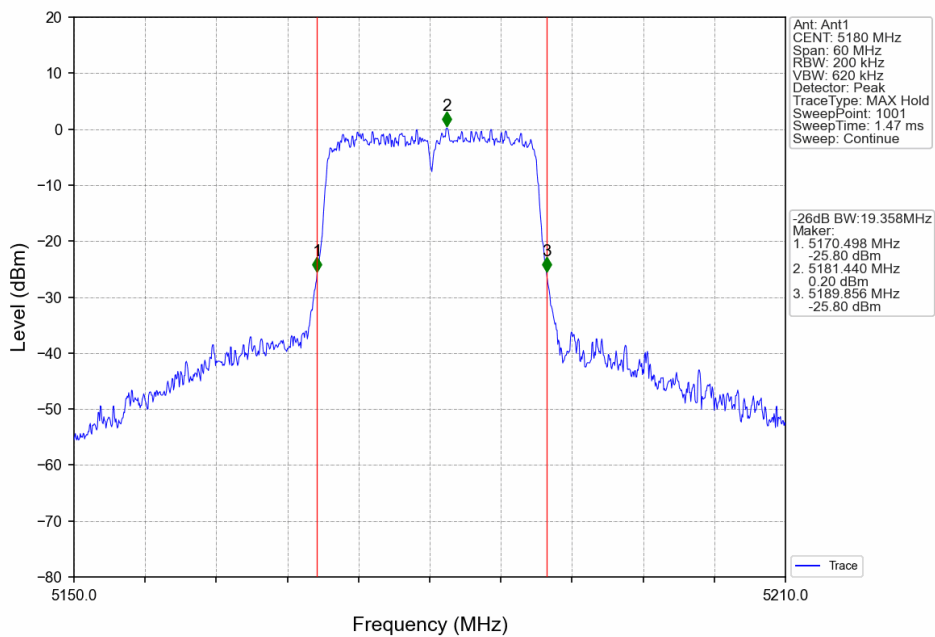
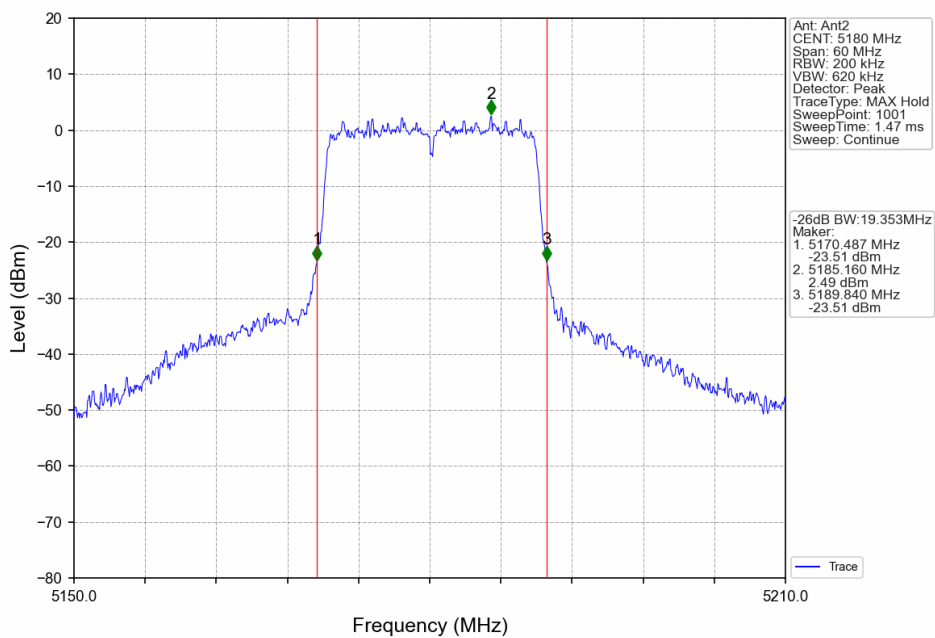


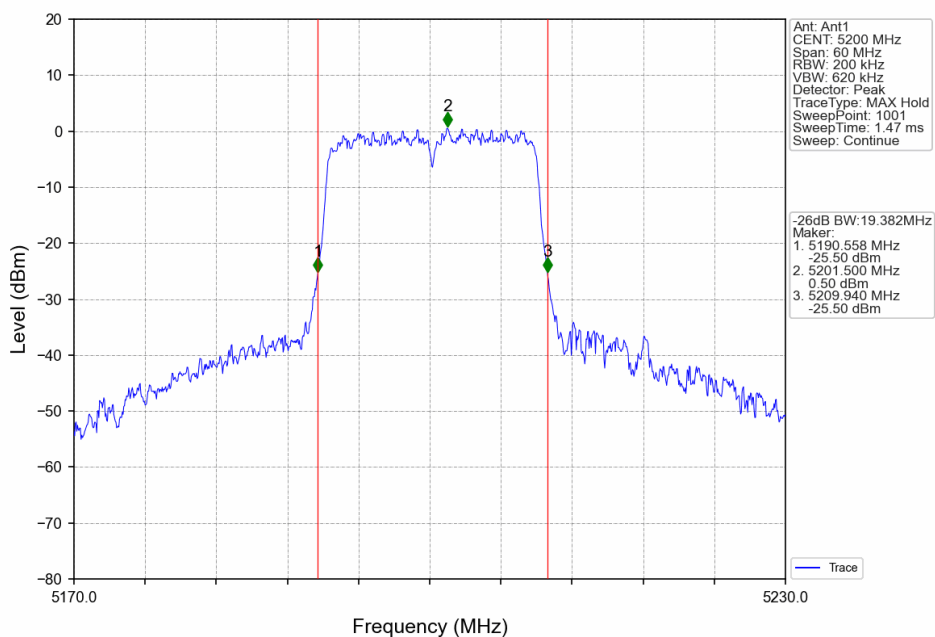
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV_MIMO



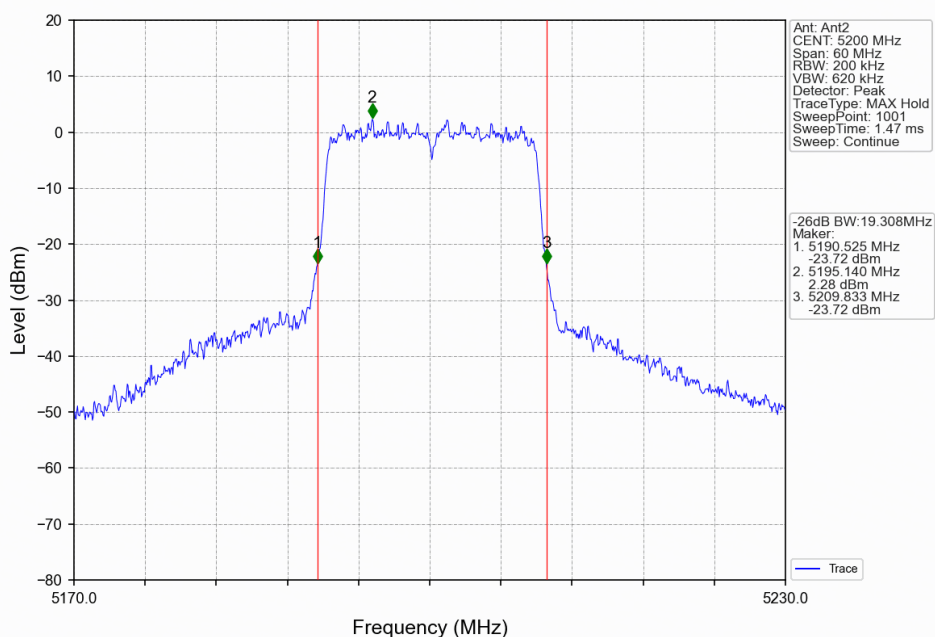
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV_MIMO



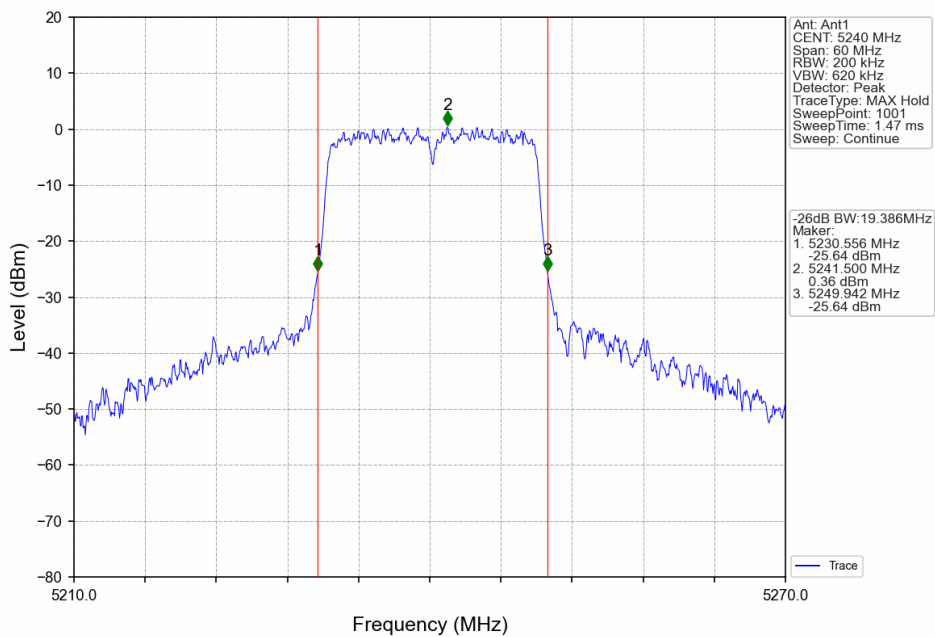
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV_MIMO



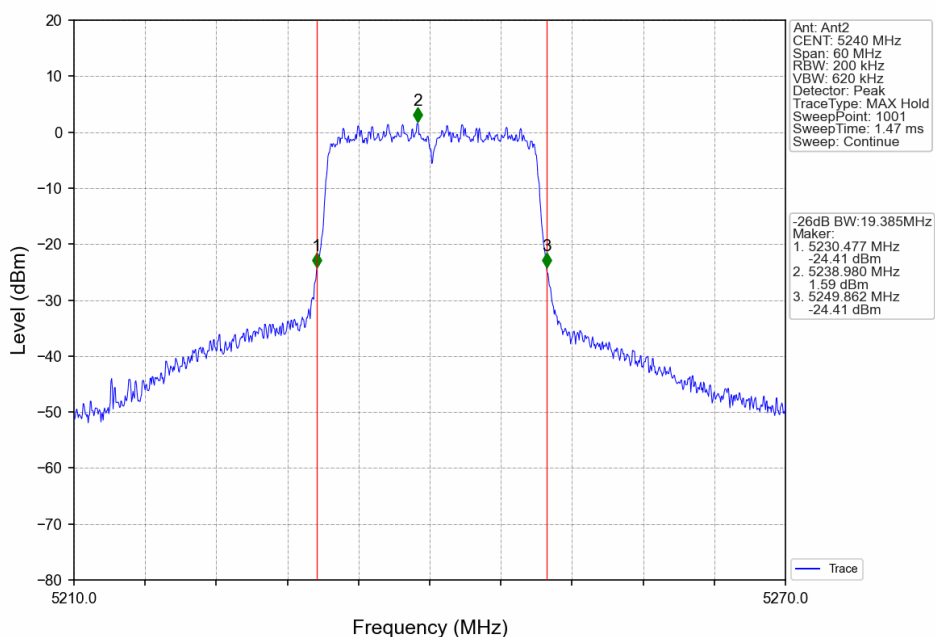
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV_MIMO



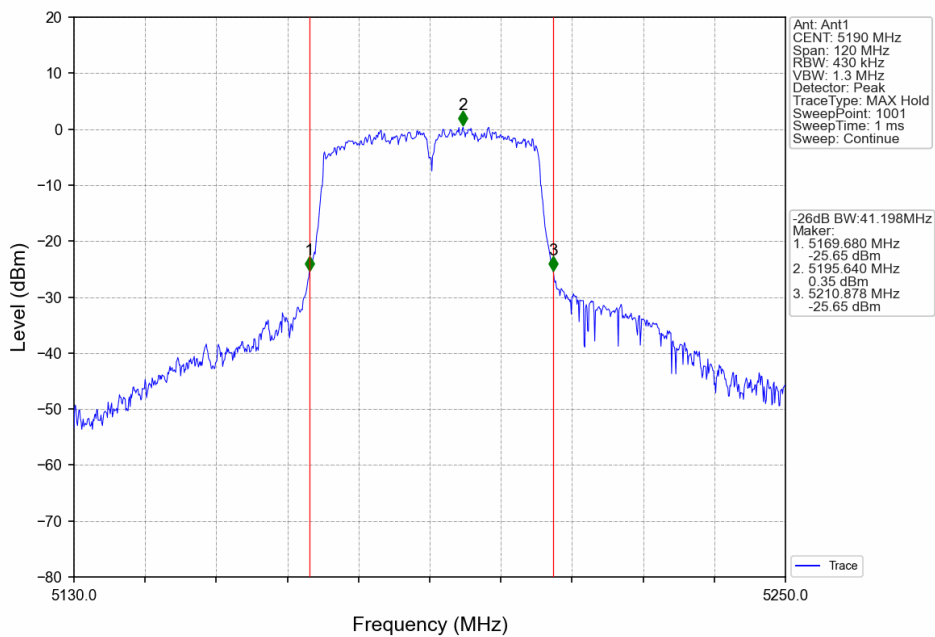
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV_MIMO



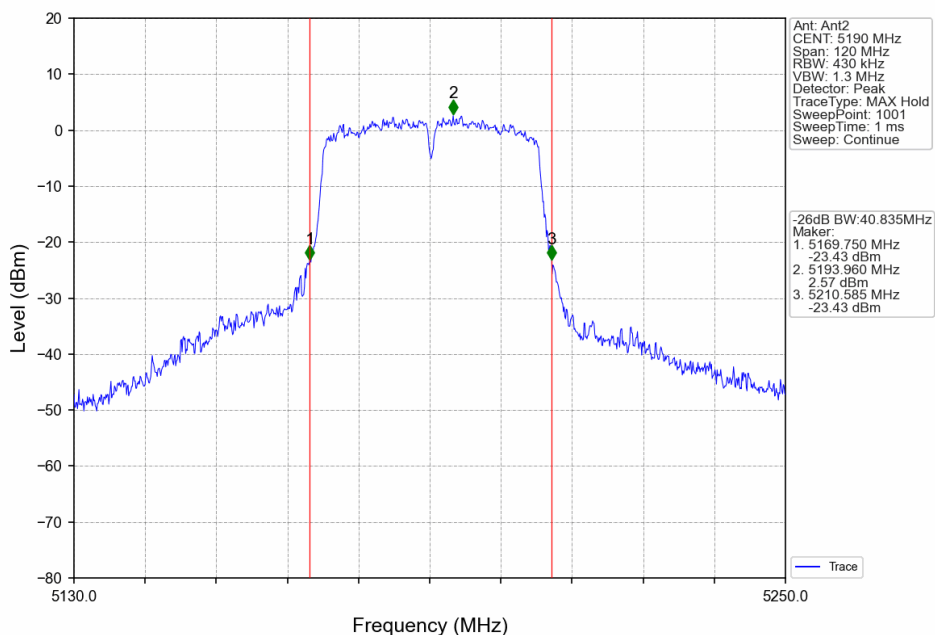
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV_MIMO



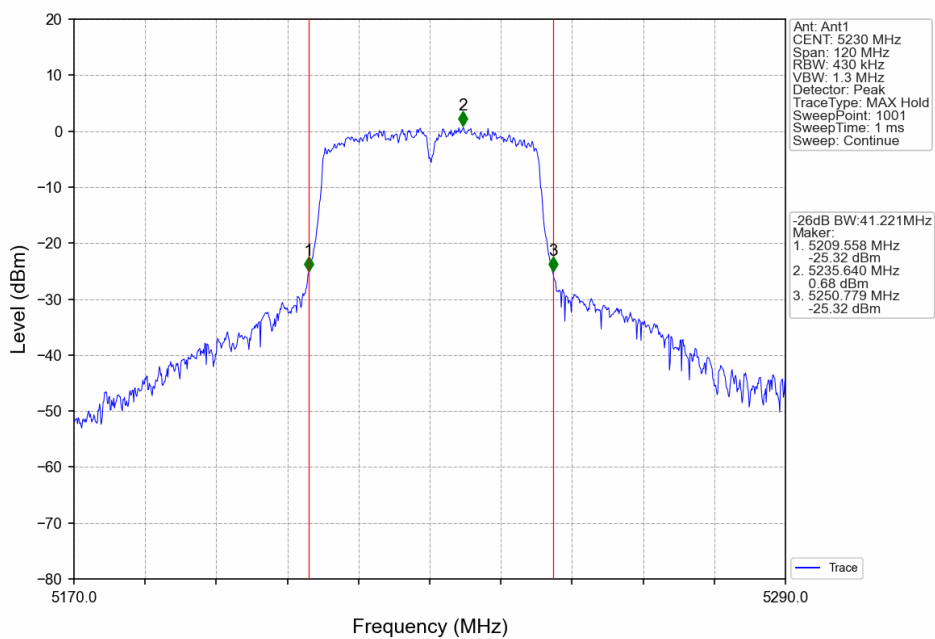
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV_MIMO



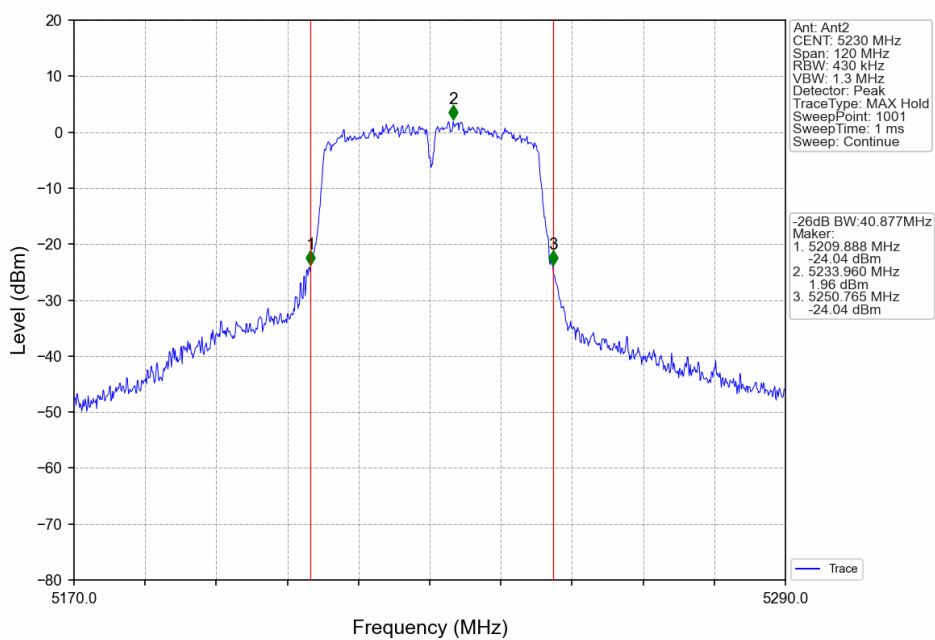
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV_MIMO



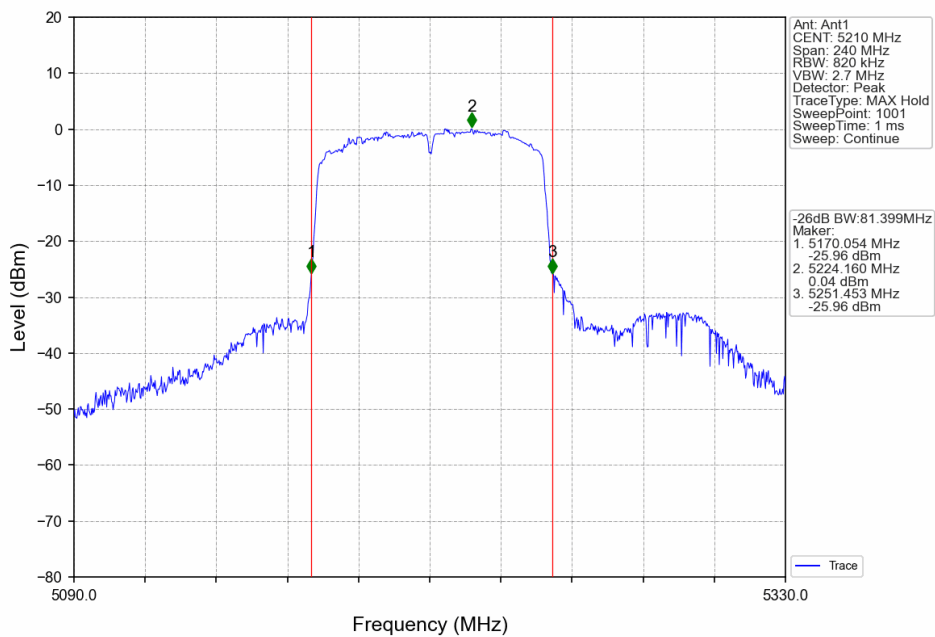
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV_MIMO



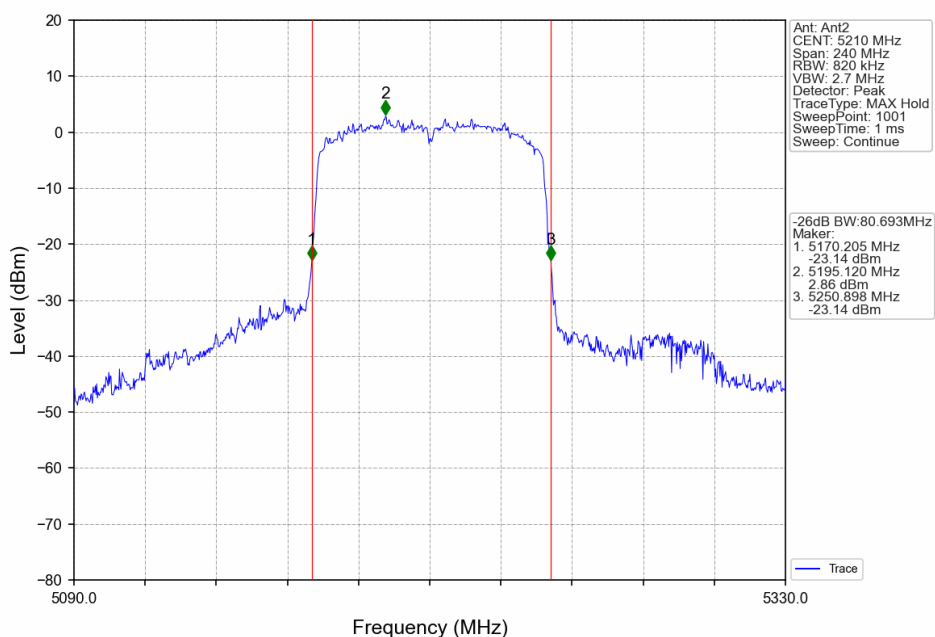
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV_MIMO



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV_MIMO



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV_MIMO



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	11.66	11.90	/	<=23.98	Pass
		5200	11.51	12.40	/	<=23.98	Pass
		5240	11.51	12.72	/	<=23.98	Pass
802.11n (HT20)	SISO	5180	9.62	10.68	/	<=23.98	Pass
		5200	9.67	10.78	/	<=23.98	Pass
		5240	9.96	10.58	/	<=23.98	Pass
802.11n (HT40)	SISO	5190	12.14	13.51	/	<=23.98	Pass
		5230	12.97	13.54	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	10.51	11.44	14.01	<=23.98	Pass
		5200	10.46	11.39	13.96	<=23.98	Pass
		5240	10.62	11.36	14.02	<=23.98	Pass
802.11n (HT40)	MIMO	5190	10.58	11.74	14.21	<=23.98	Pass
		5230	10.94	11.88	14.45	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	10.88	10.89	/	<=23.98	Pass
		5200	10.21	11.04	/	<=23.98	Pass
		5240	10.40	10.97	/	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	10.29	10.64	/	<=23.98	Pass
		5230	11.02	11.91	/	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	10.85	11.89	/	<=23.98	Pass
802.11ac (VHT20)	MIMO	5180	10.18	11.20	13.73	<=23.98	Pass
		5200	10.40	11.12	13.79	<=23.98	Pass
		5240	10.50	11.03	13.78	<=23.98	Pass
802.11ac (VHT40)	MIMO	5190	10.52	11.62	14.12	<=23.98	Pass
		5230	11.16	11.82	14.51	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	11.21	12.05	14.66	<=23.98	Pass
Note1: Antenna Gain: Ant1: 1.93dBi; Ant2: 1.93dBi;							
Note2: Directional Gain: correlated(Directional Gain = $G_{ANT}+10*\log(N_{ANT})=4.94\text{dBi}$)							

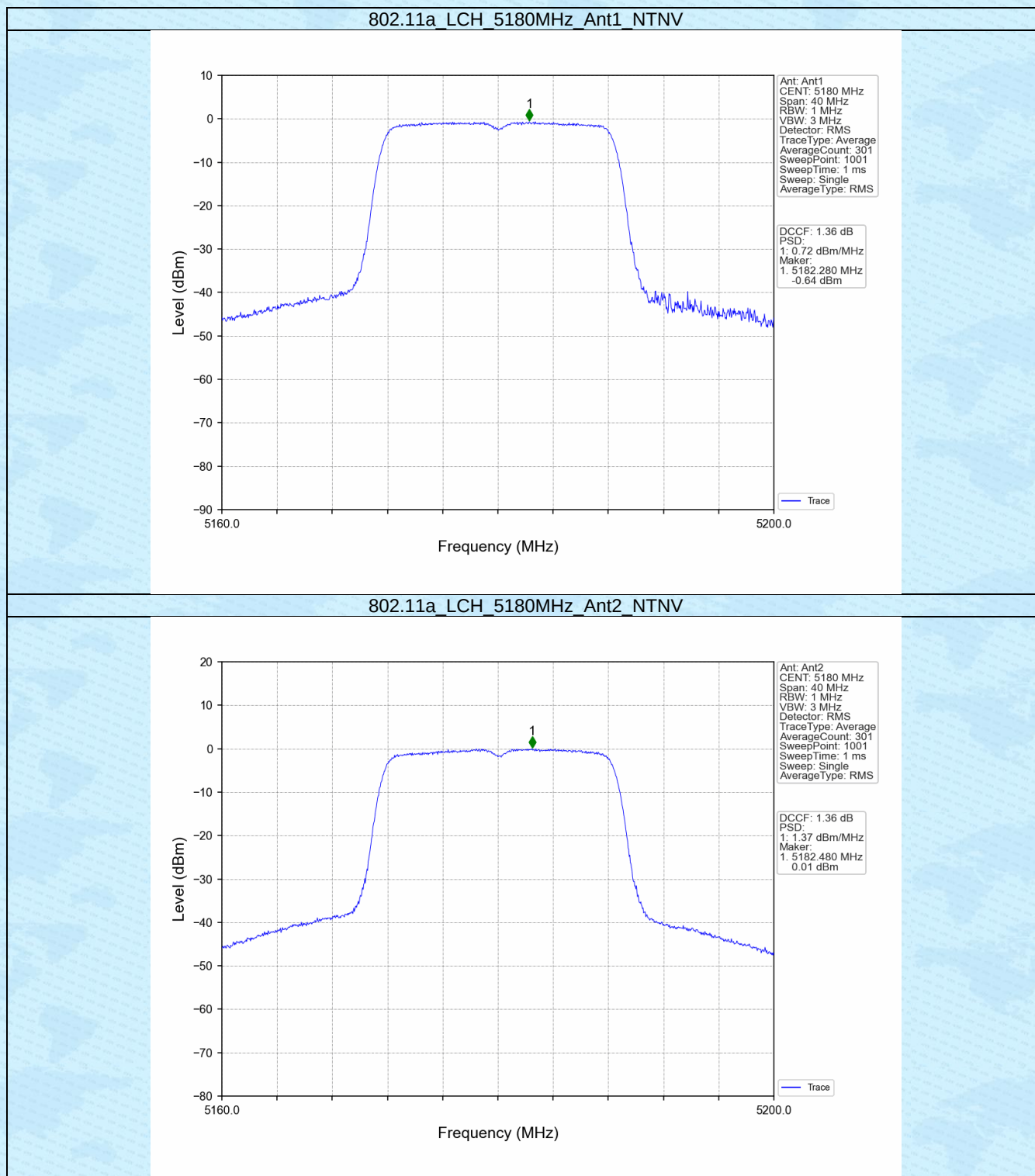
4. Maximum Power Spectral Density

4.1 PSD

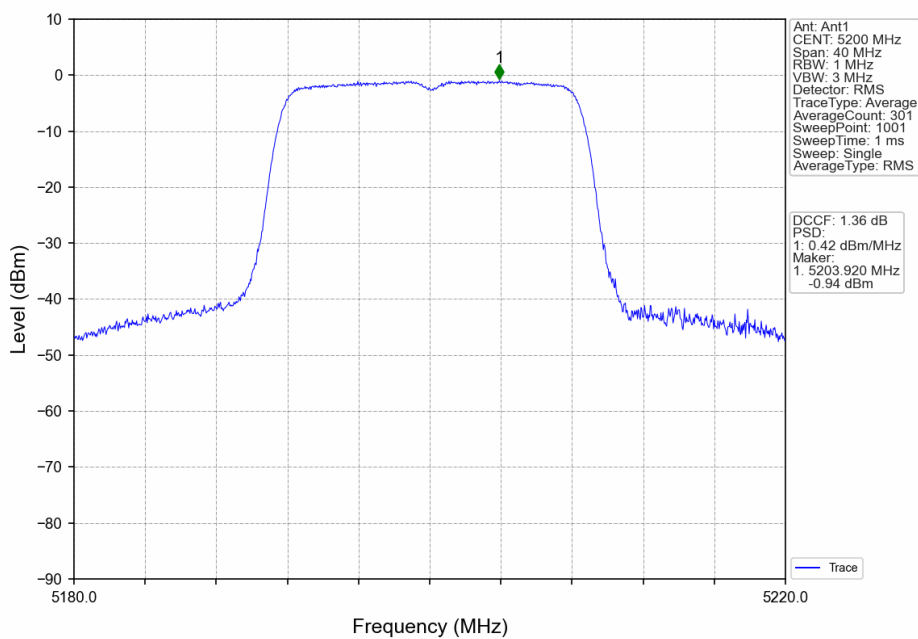
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	0.72	1.37	/	<=11	Pass
		5200	0.42	1.17	/	<=11	Pass
		5240	0.47	1.38	/	<=11	Pass
802.11n (HT20)	SISO	5180	-1.41	-0.33	/	<=11	Pass
		5200	-1.85	0.24	/	<=11	Pass
		5240	-0.88	-0.45	/	<=11	Pass
802.11n (HT40)	SISO	5190	-1.52	-0.54	/	<=11	Pass
		5230	-1.16	-0.58	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-0.91	-0.20	2.39	<=11	Pass
		5200	-0.85	0.24	2.63	<=11	Pass
		5240	-0.85	-0.07	2.52	<=11	Pass
802.11n (HT40)	MIMO	5190	-3.58	-2.32	-0.03	<=11	Pass
		5230	-2.72	-1.97	0.50	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.44	-0.59	/	<=11	Pass
		5200	-0.89	-0.26	/	<=11	Pass
		5240	-0.91	-0.39	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	-4.33	-3.47	/	<=11	Pass
		5230	-2.95	-1.98	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.60	-4.24	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	-1.22	-0.08	2.27	<=11	Pass
		5200	-0.97	0.05	2.49	<=11	Pass
		5240	-0.98	-0.16	2.33	<=11	Pass
802.11ac (VHT40)	MIMO	5190	-3.32	-2.34	0.14	<=11	Pass
		5230	-2.74	-2.16	0.35	<=11	Pass
802.11ac (VHT80)	MIMO	5210	-5.24	-4.56	-1.97	<=11	Pass
Note1: Antenna Gain: Ant1: 1.93dBi; Ant2: 1.93dBi;							
Note2: Directional Gain: correlated(Directional Gain = $G_{ANT} + 10 \cdot \log(N_{ANT}) = 4.94\text{dBi}$)							

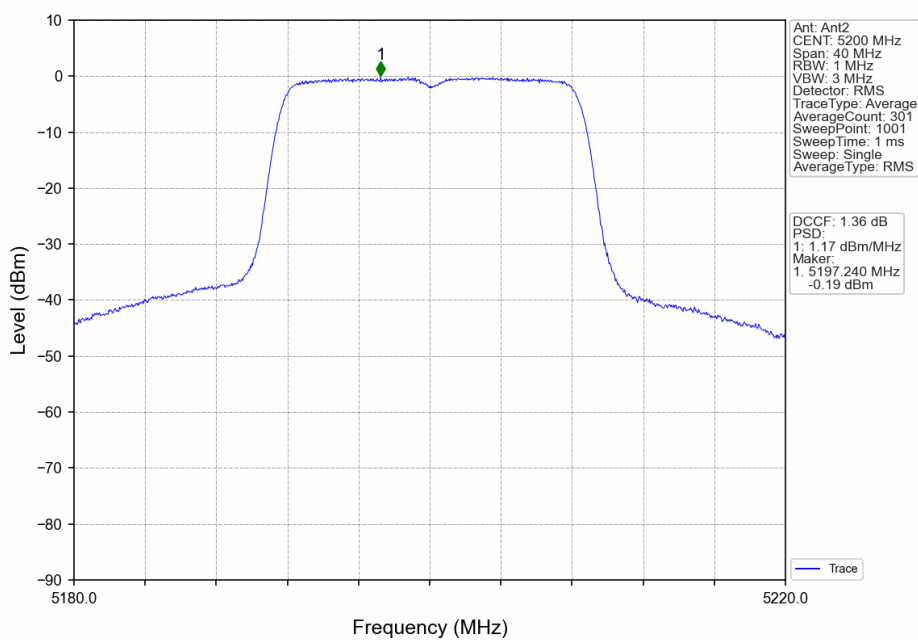
4.1.2 Test Graph



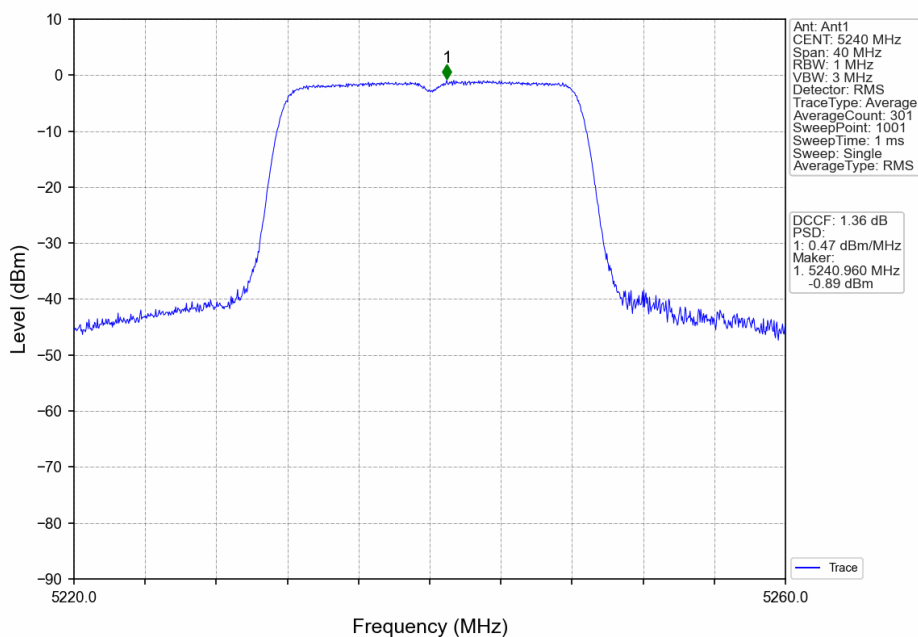
802.11a_MCH_5200MHz_Ant1_NTNV



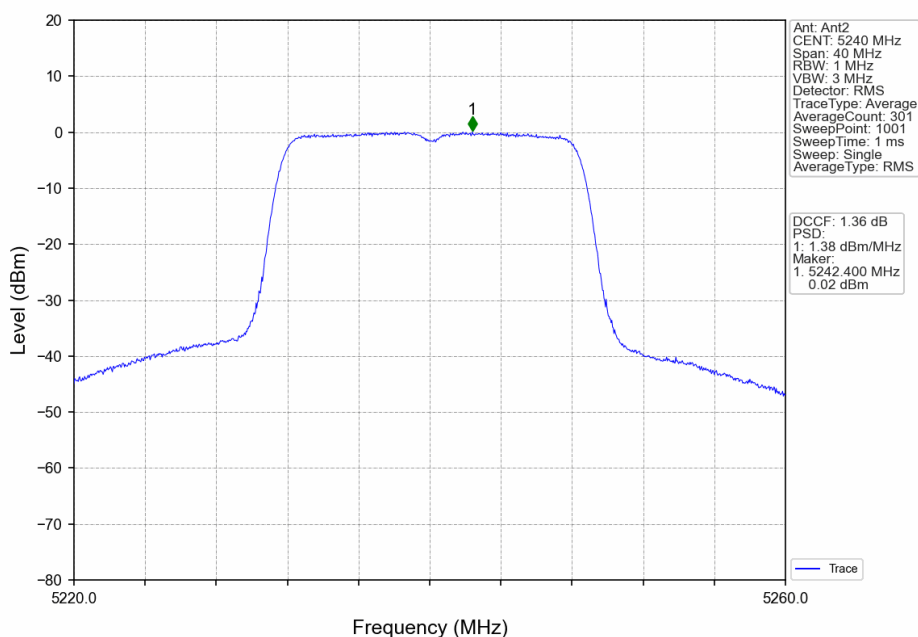
802.11a_MCH_5200MHz_Ant2_NTNV



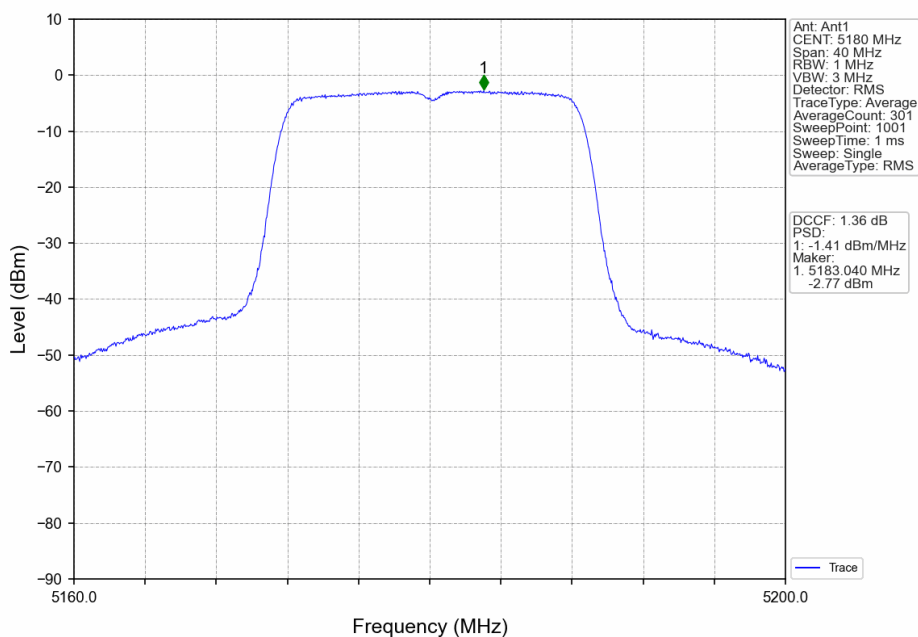
802.11a_HCH_5240MHz_Ant1_NTNV



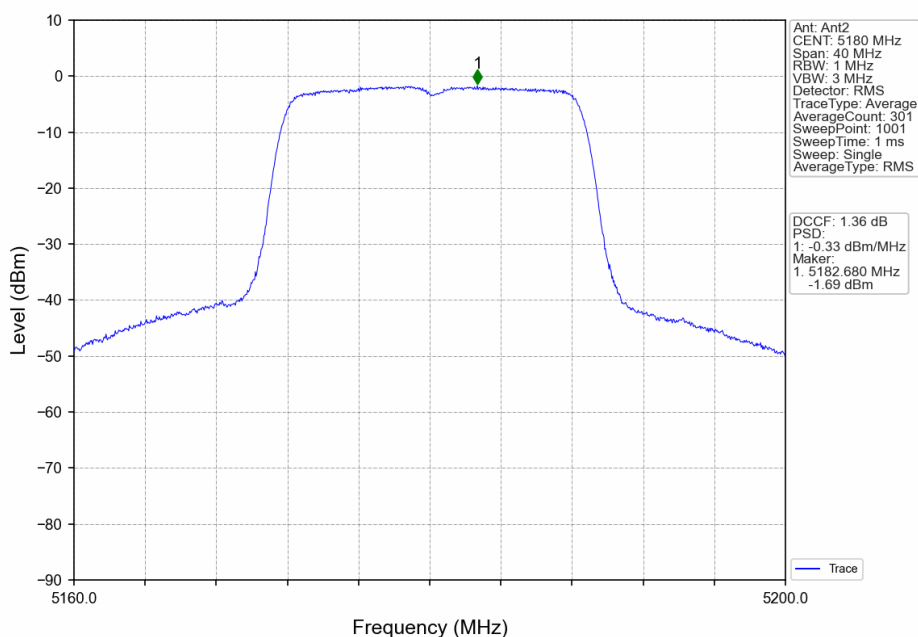
802.11a_HCH_5240MHz_Ant2_NTNV



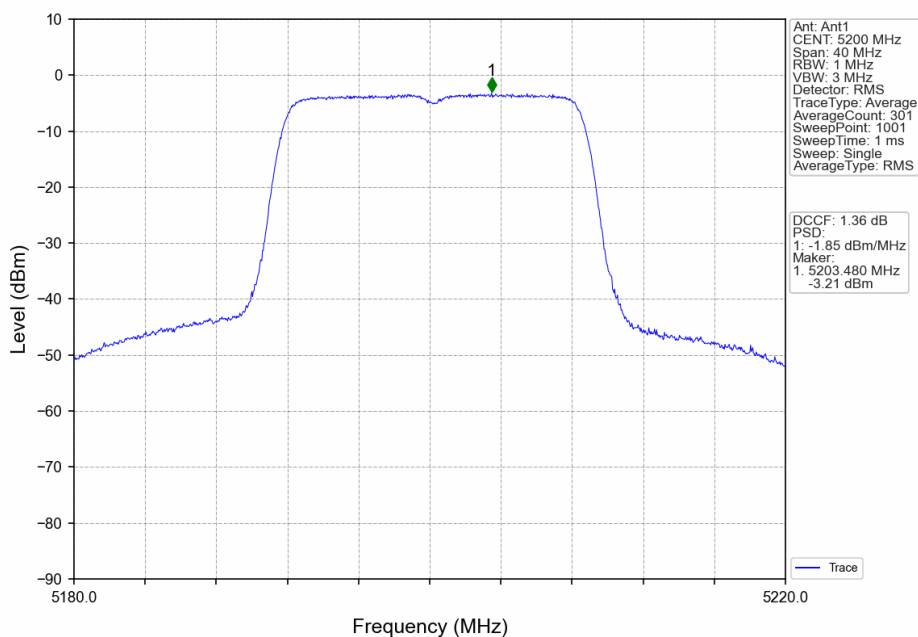
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



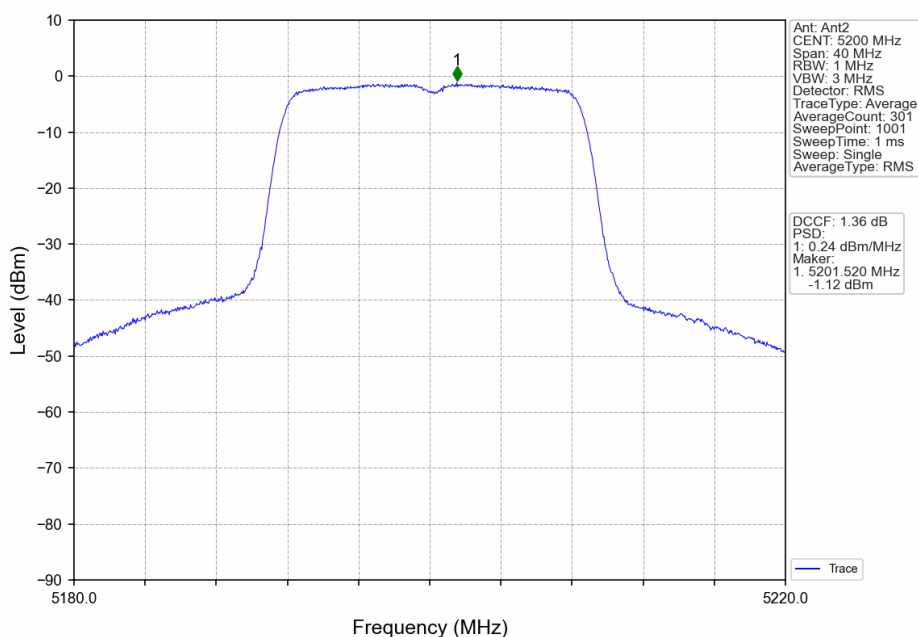
802.11n(HT20) LCH_5180MHz_Ant2_NTNV



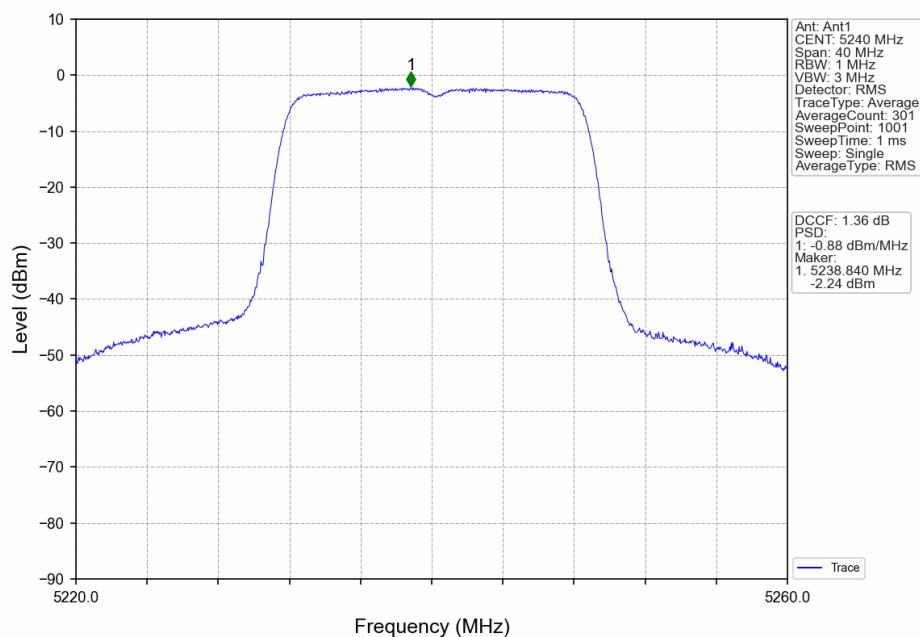
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



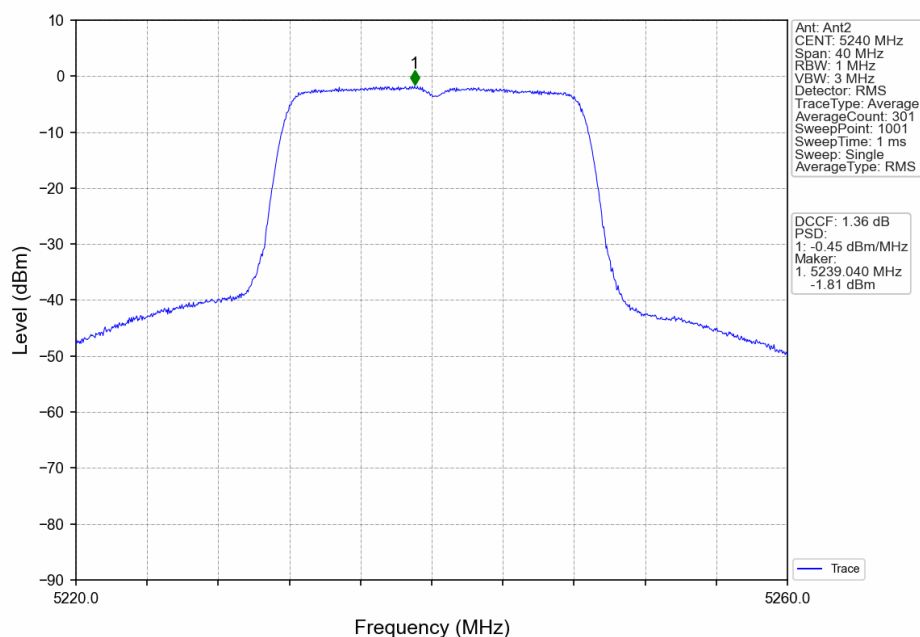
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



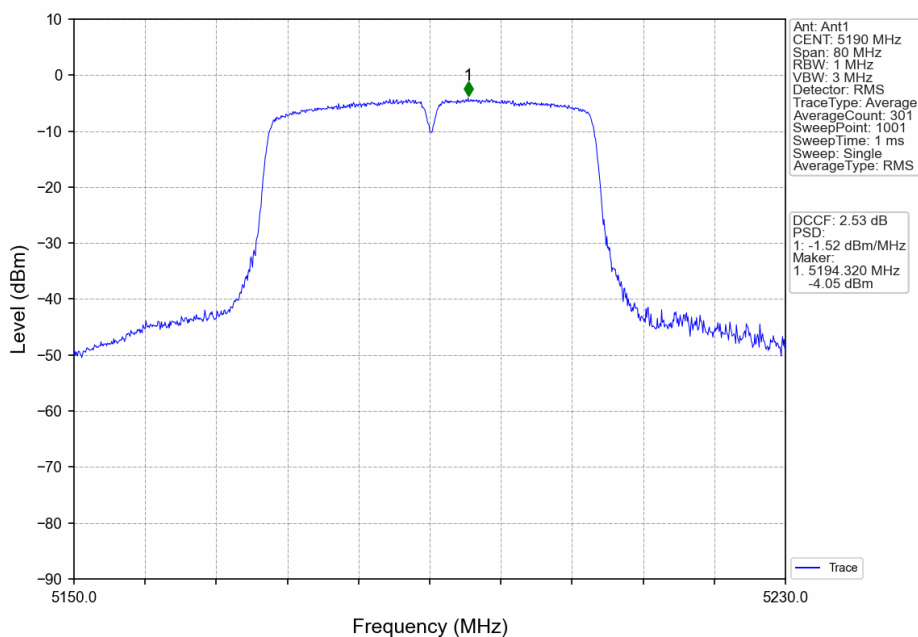
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



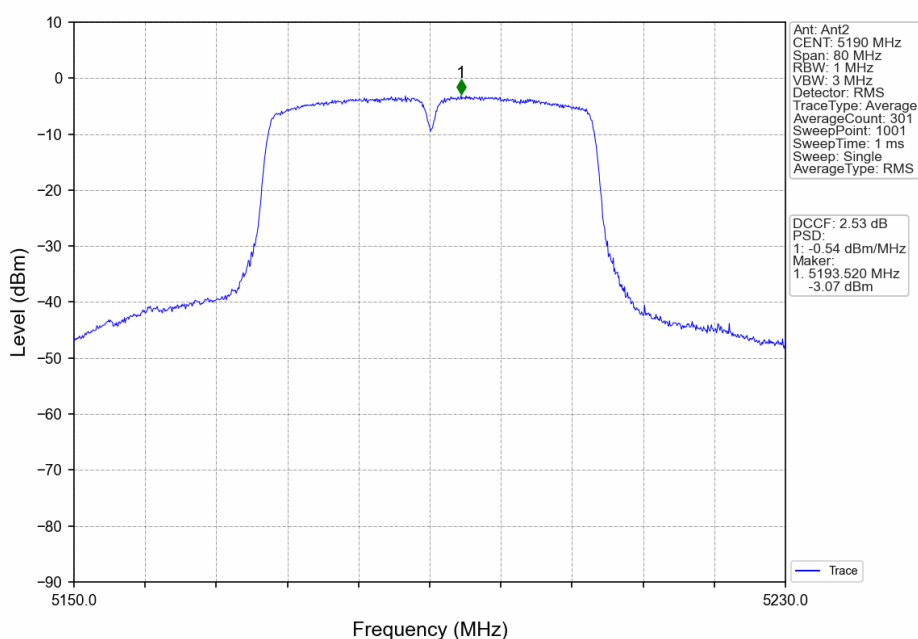
802.11n(HT20) HCH 5240MHz_Ant2_NTNV



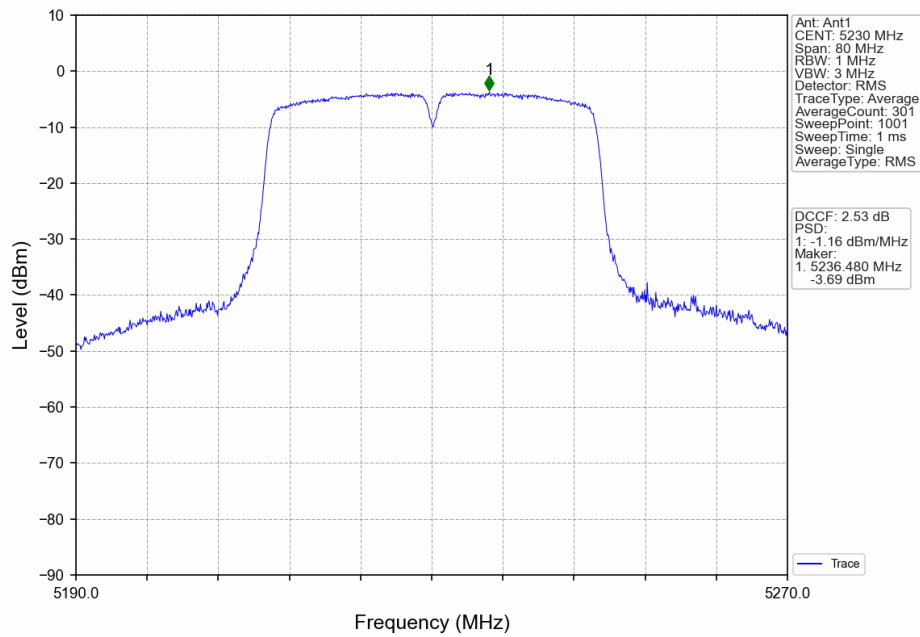
802.11n(HT40) LCH 5190MHz Ant1 NTN



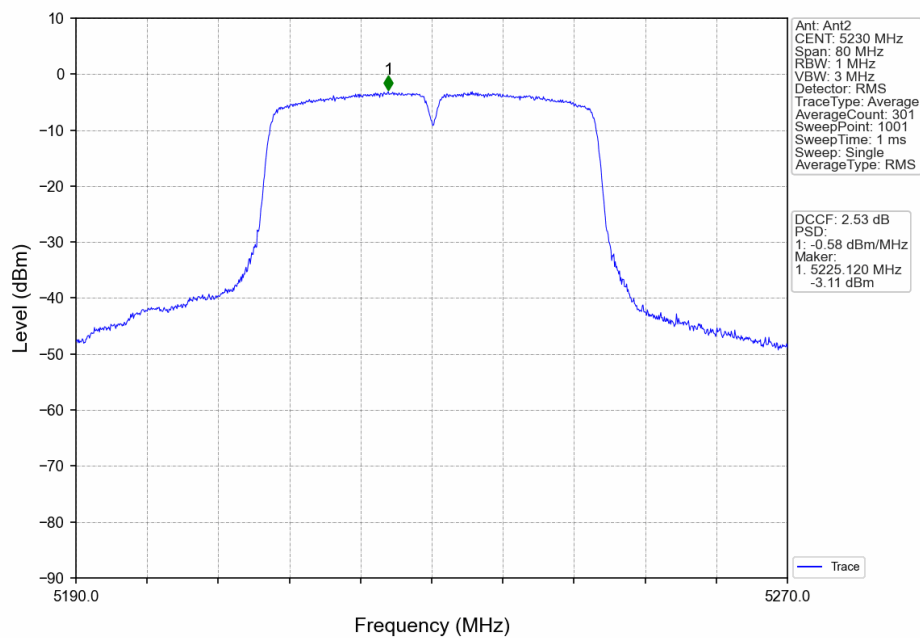
802.11n(HT40) LCH 5190MHz Ant2 NTN



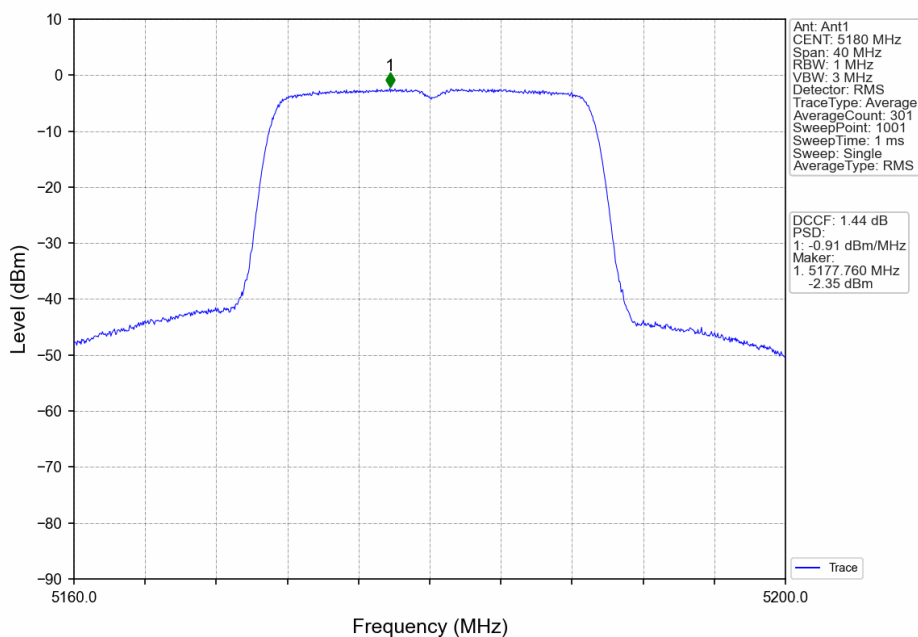
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



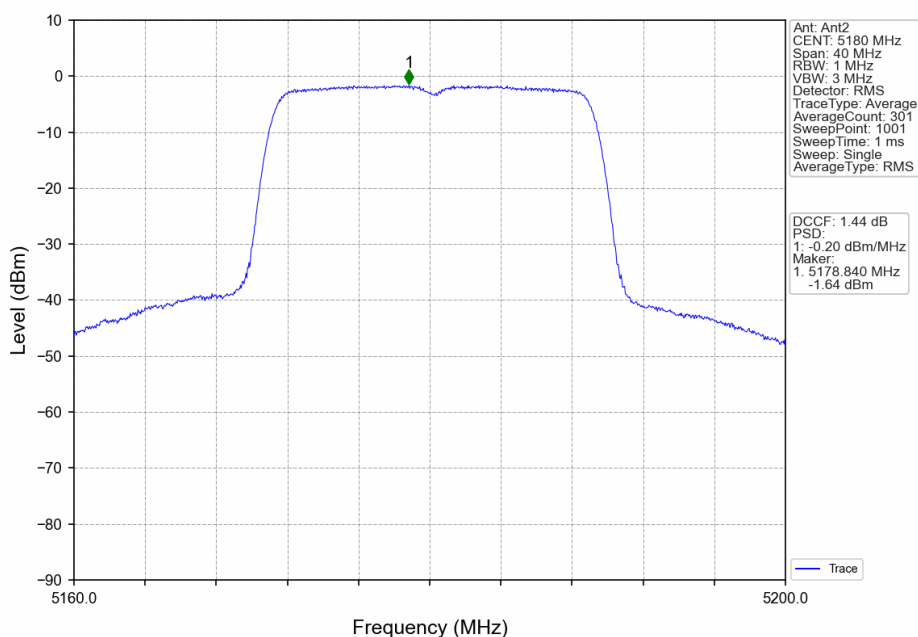
802.11n(HT40) HCH 5230MHz_Ant2_NTNV



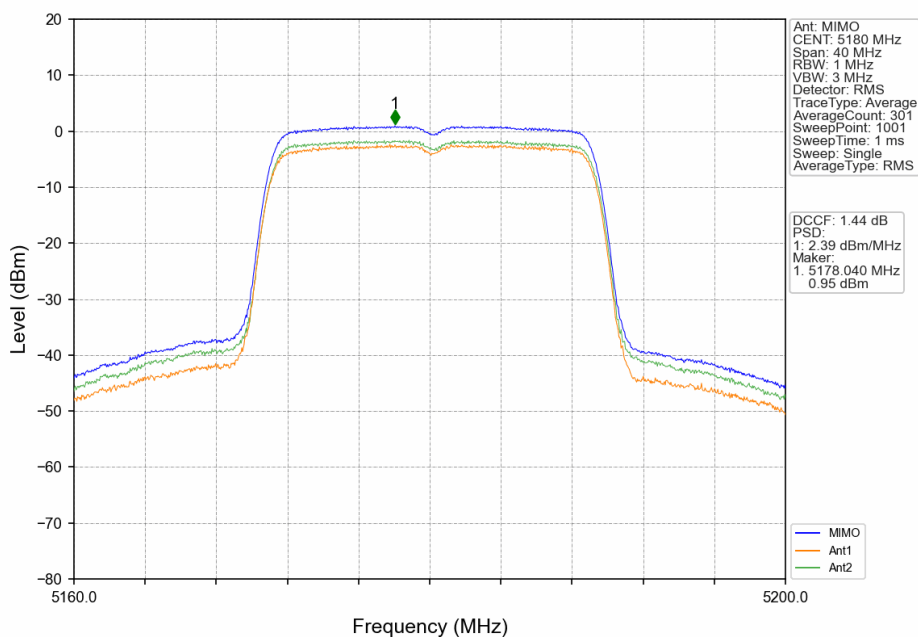
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



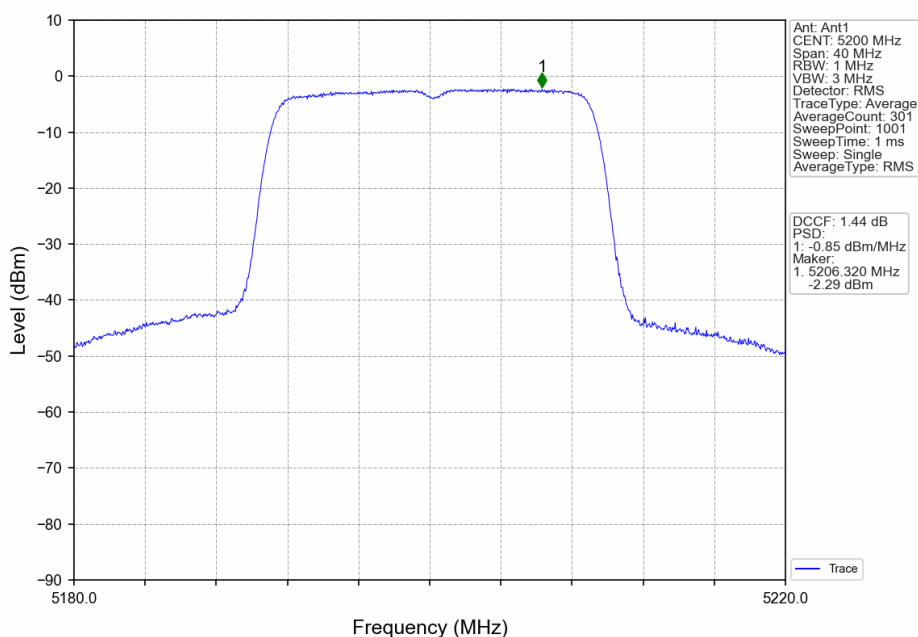
802.11n(HT20) LCH_5180MHz_Ant2_NTNV



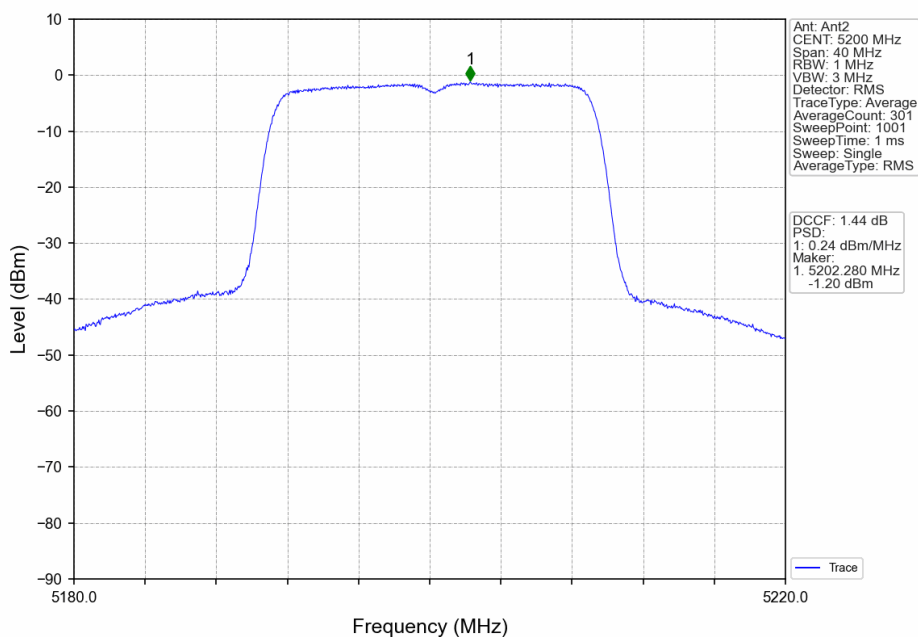
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



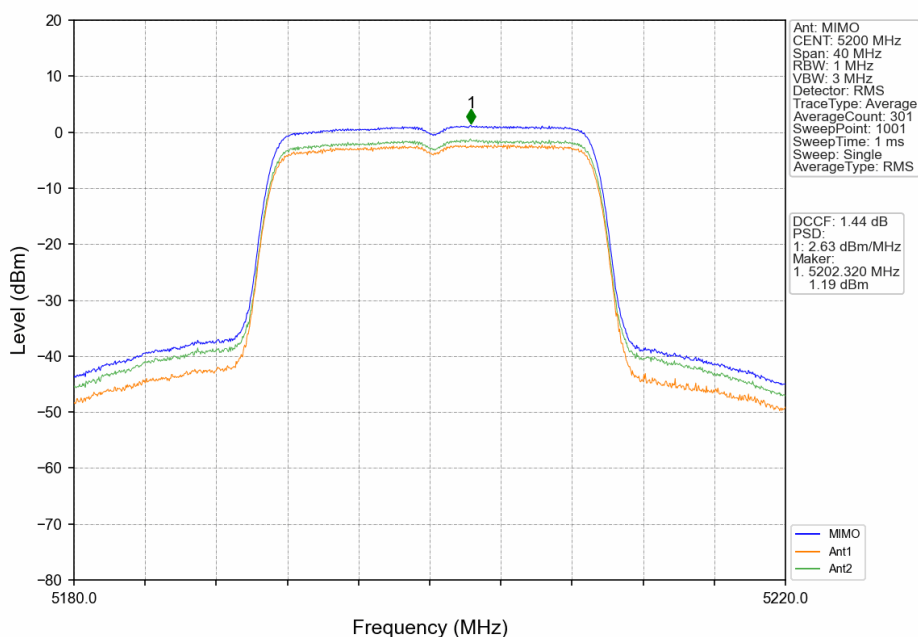
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



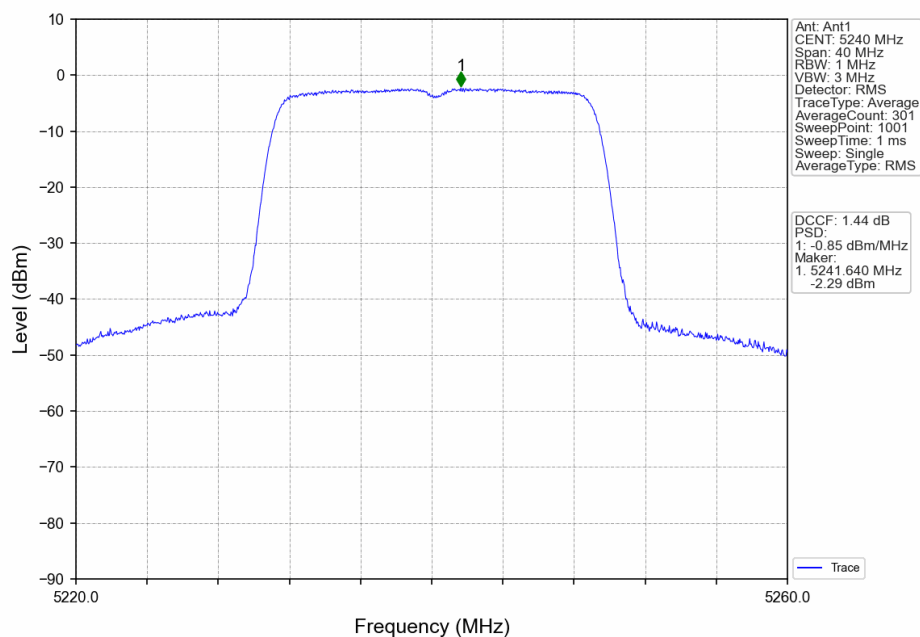
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



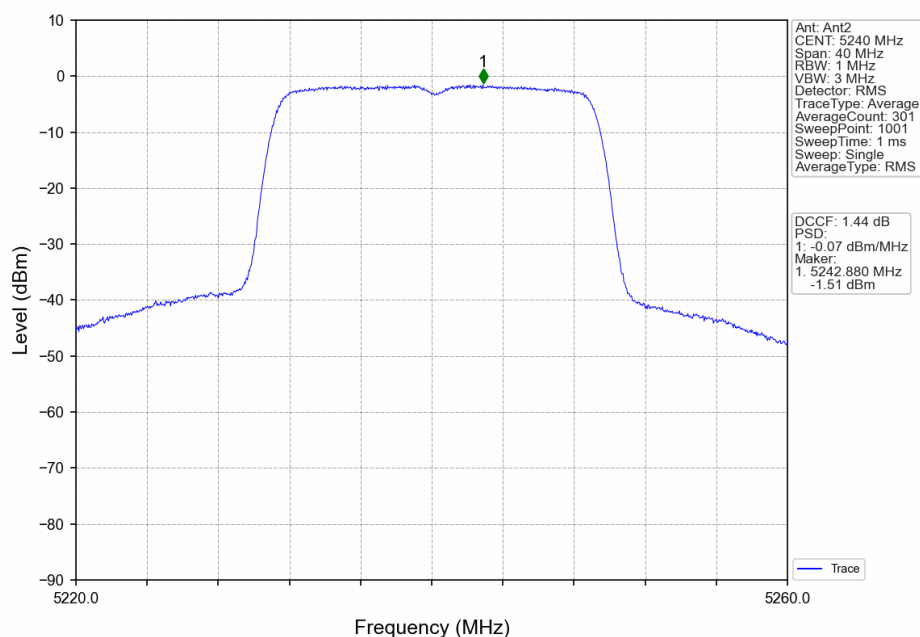
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



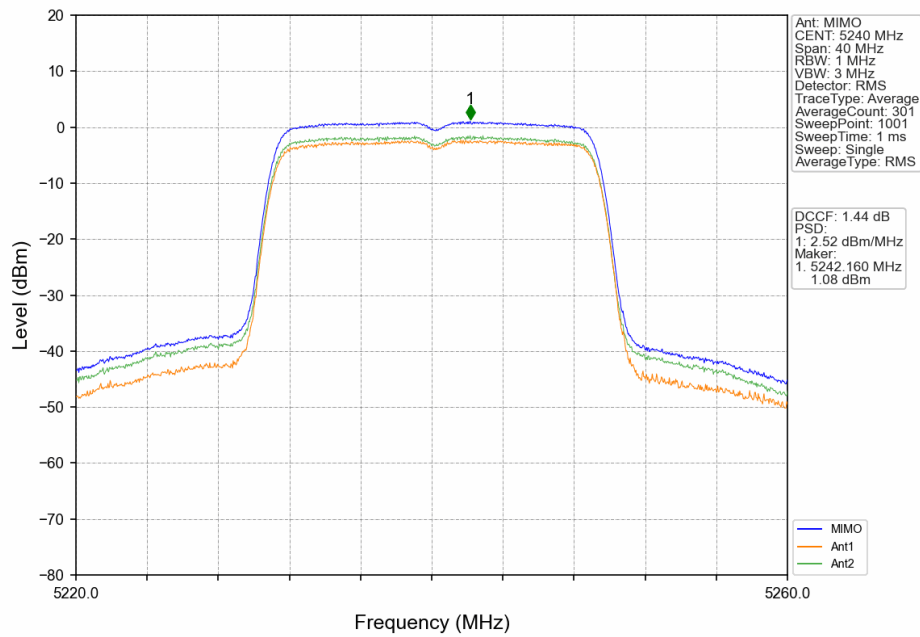
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



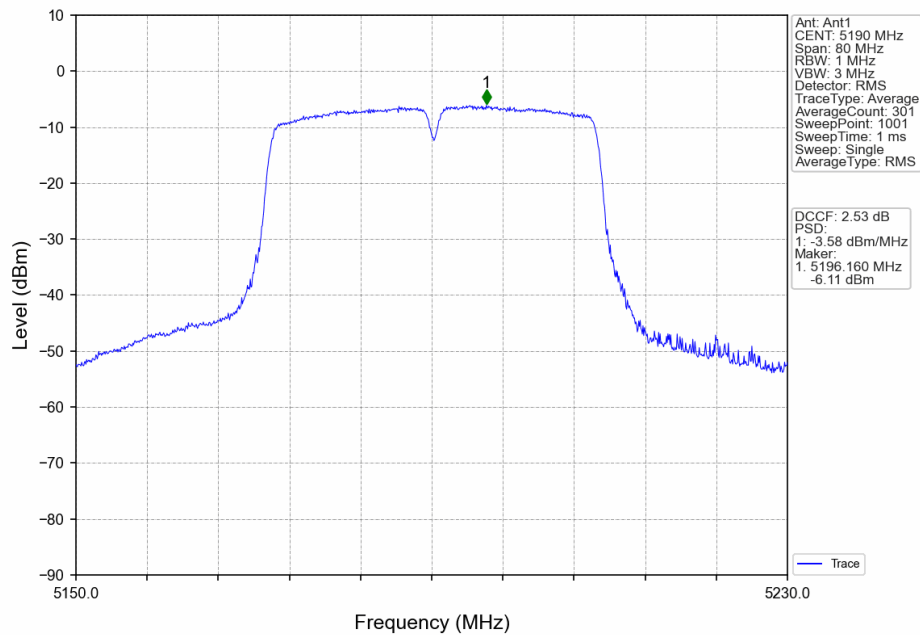
802.11n(HT20) HCH 5240MHz_Ant2_NTNV



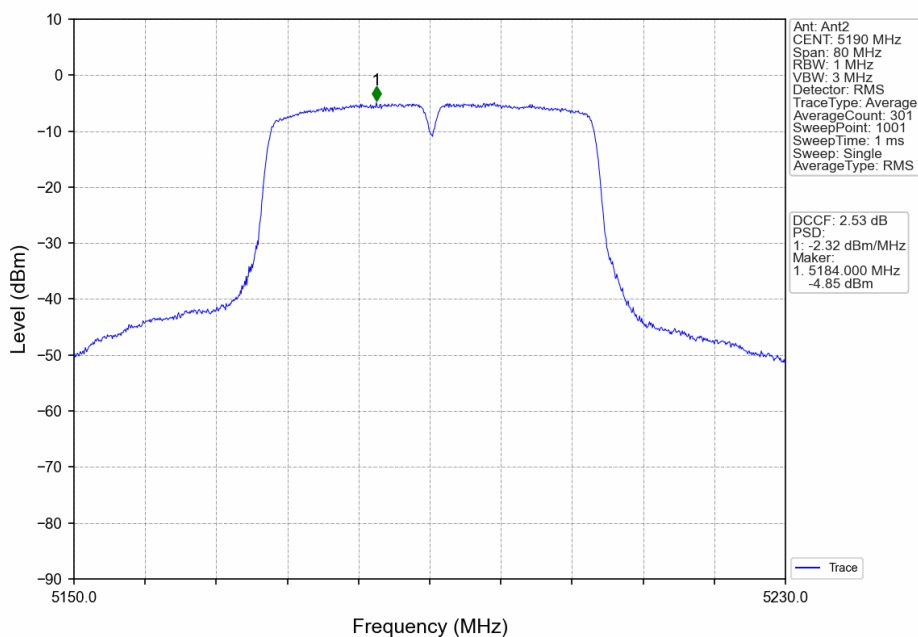
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



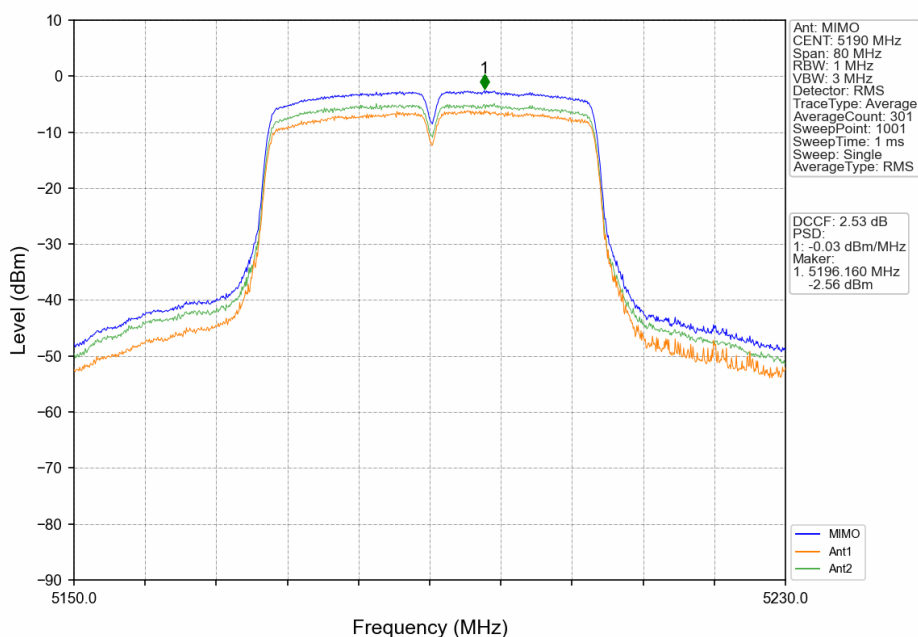
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



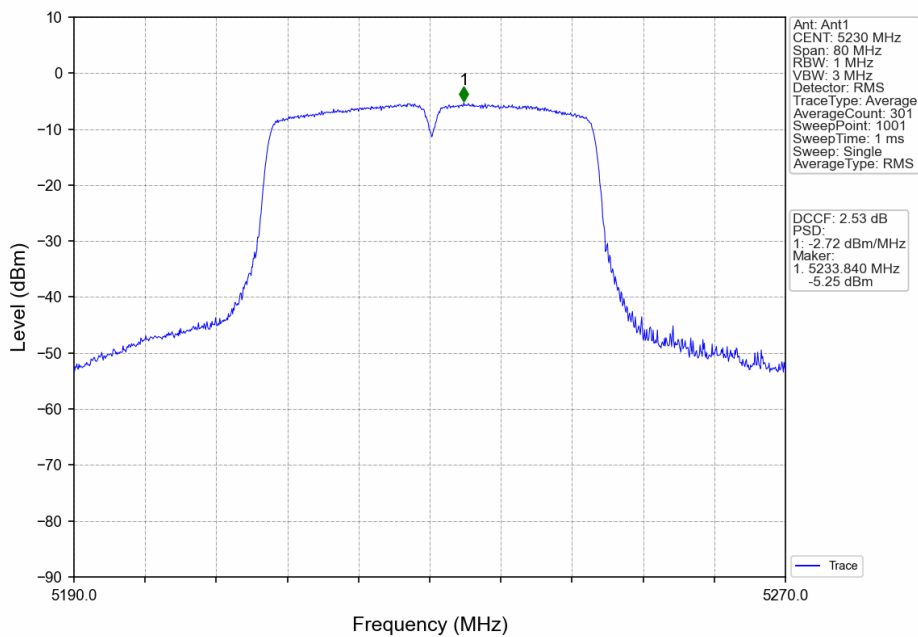
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



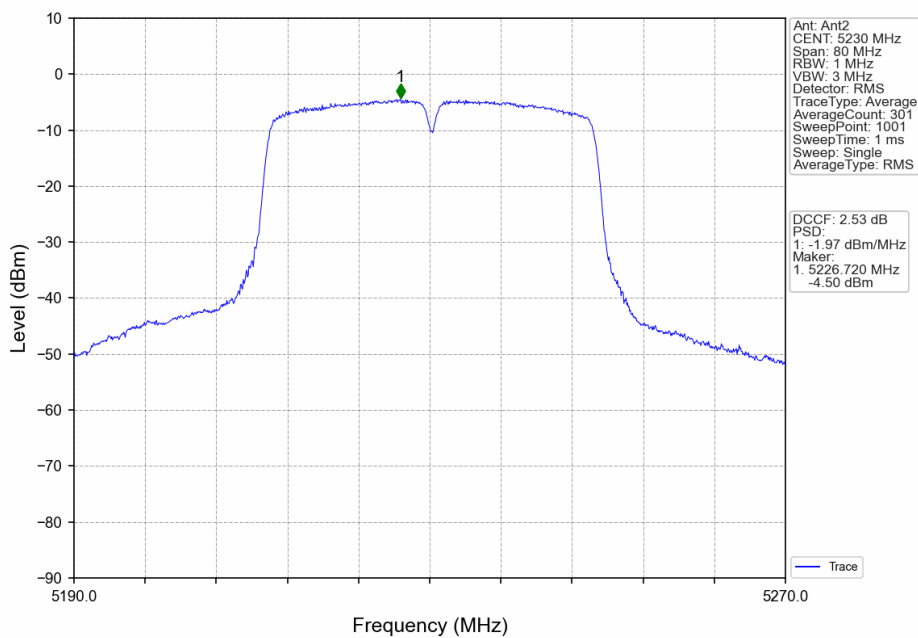
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



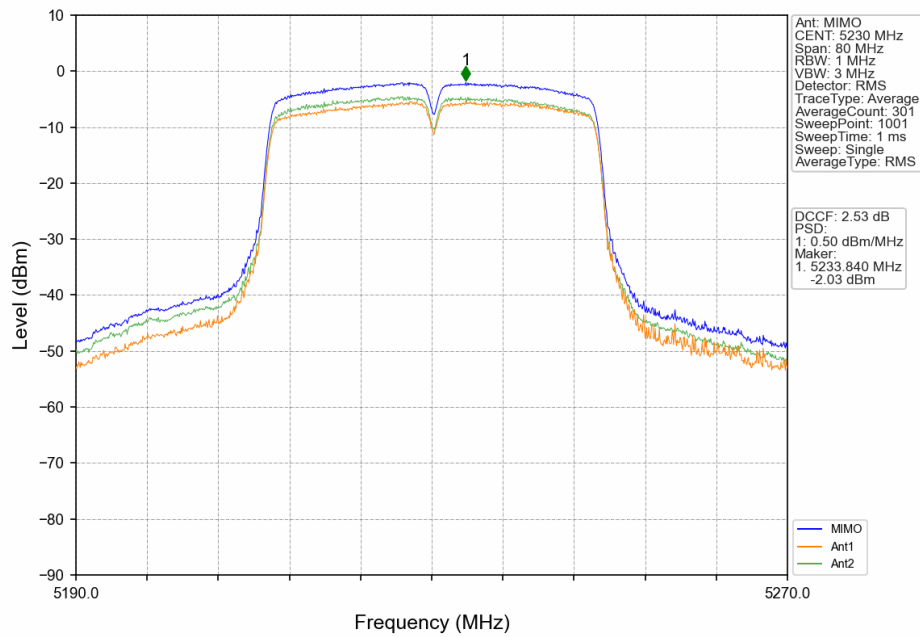
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



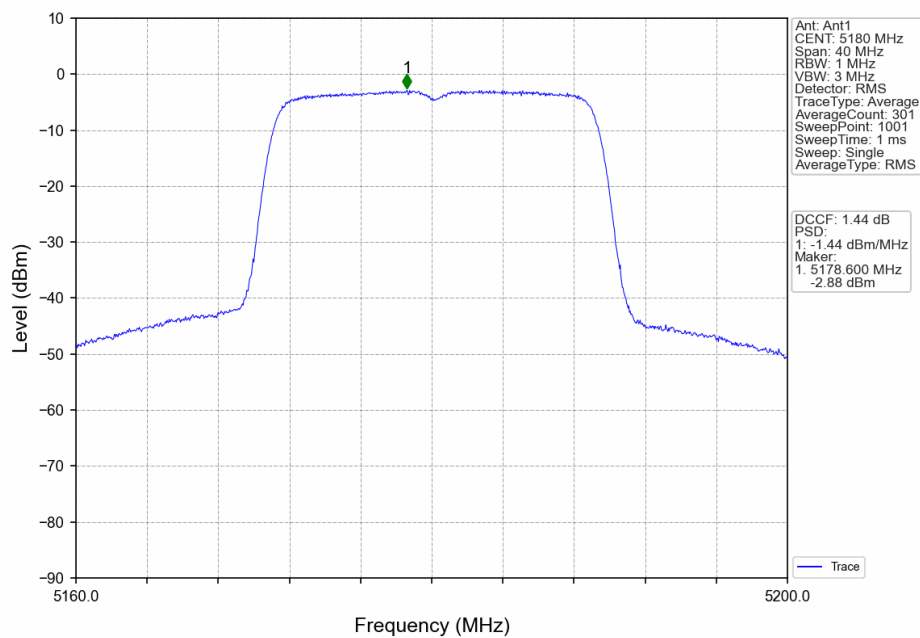
802.11n(HT40) HCH 5230MHz_Ant2_NTNV



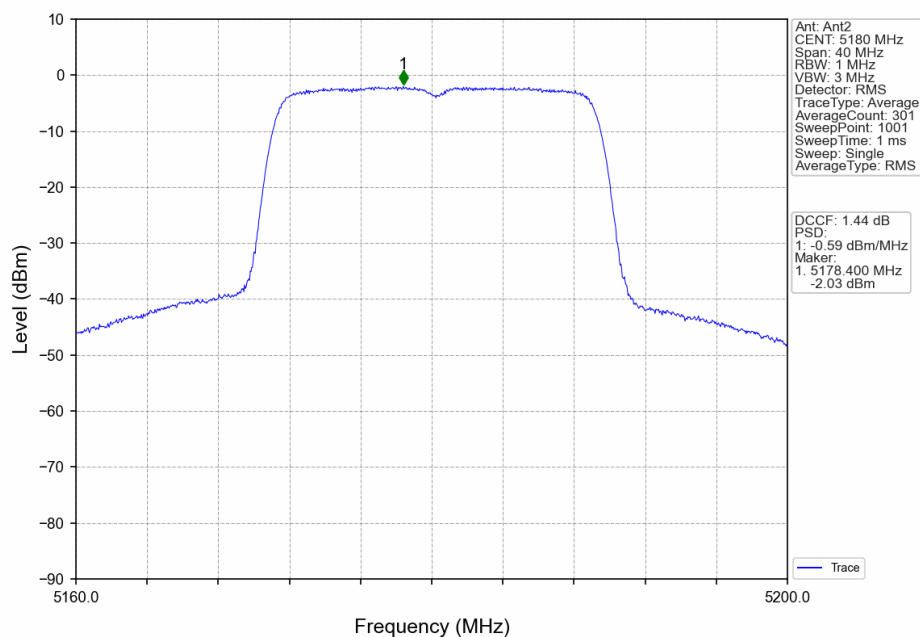
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



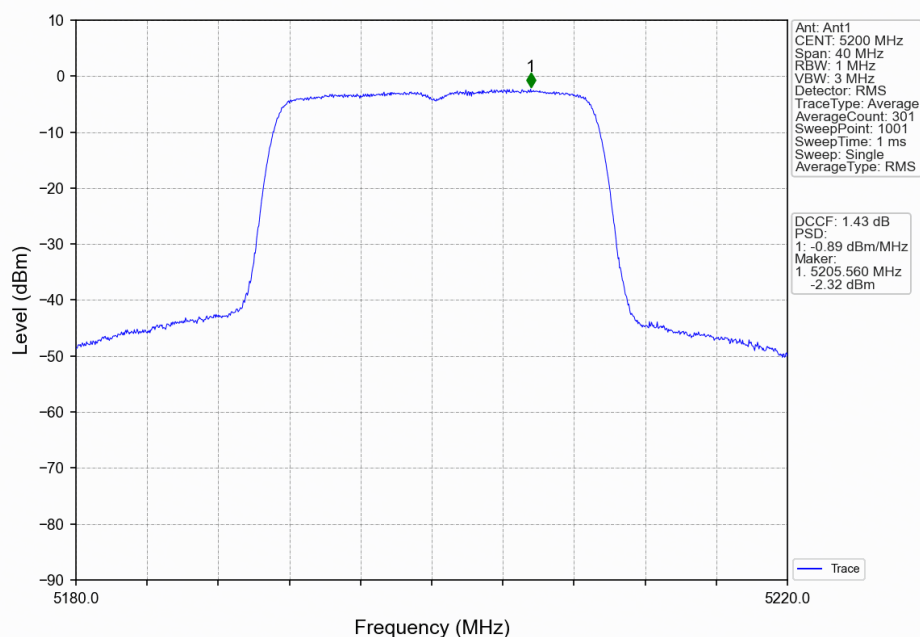
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



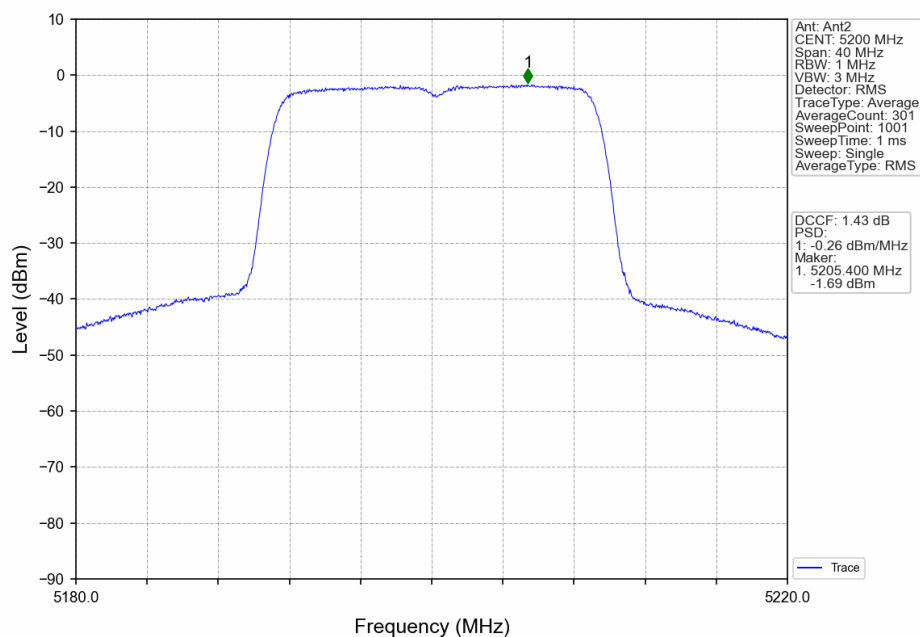
802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



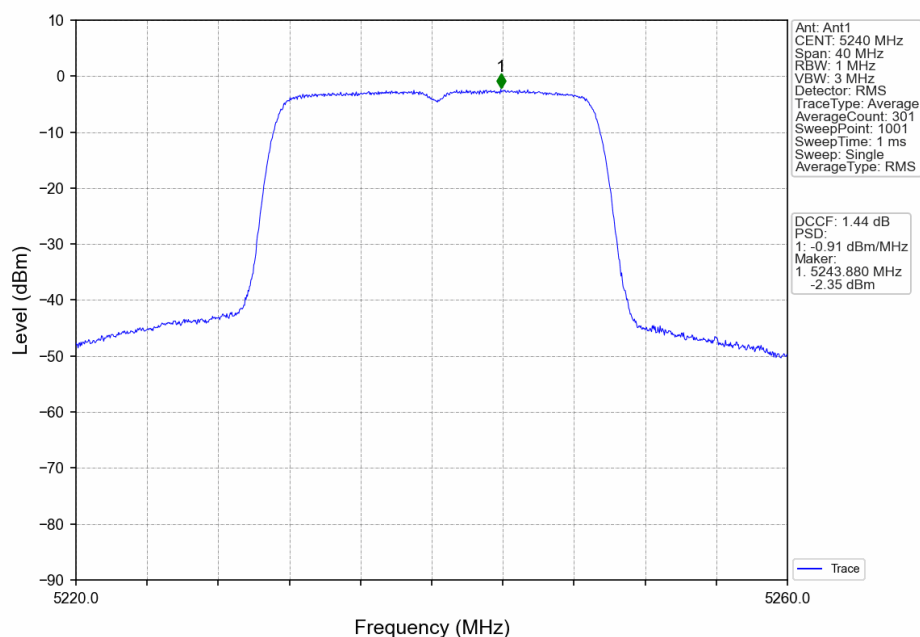
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



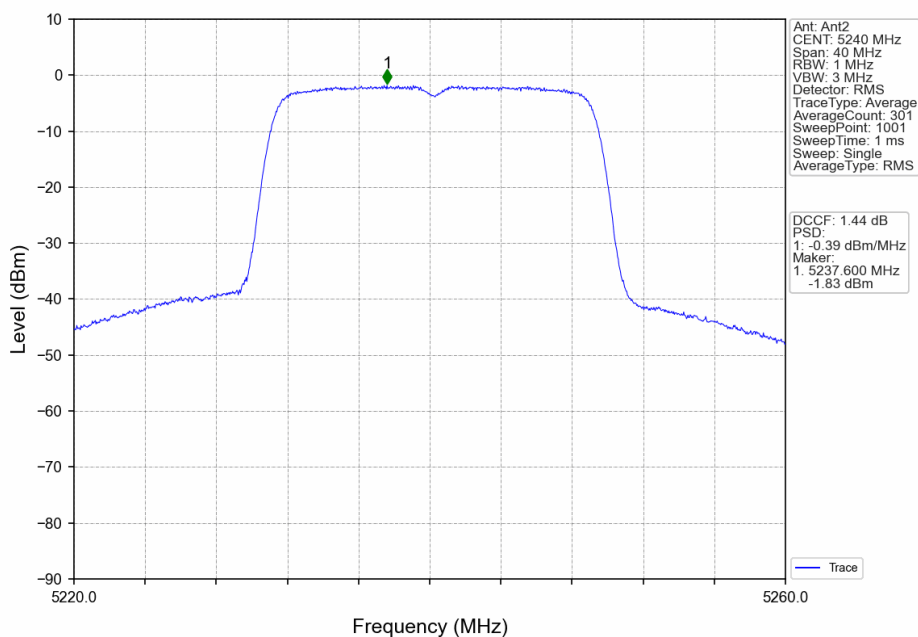
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



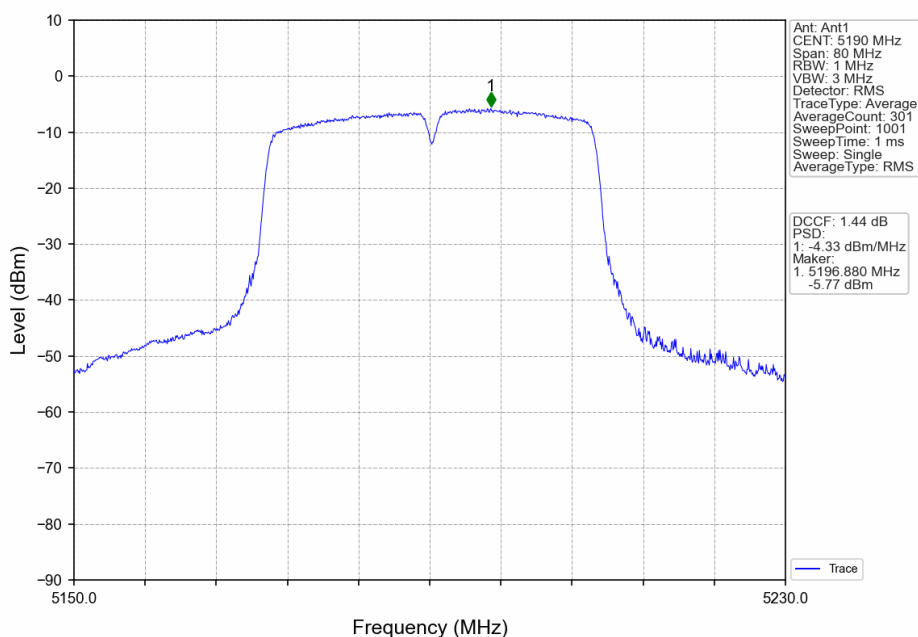
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



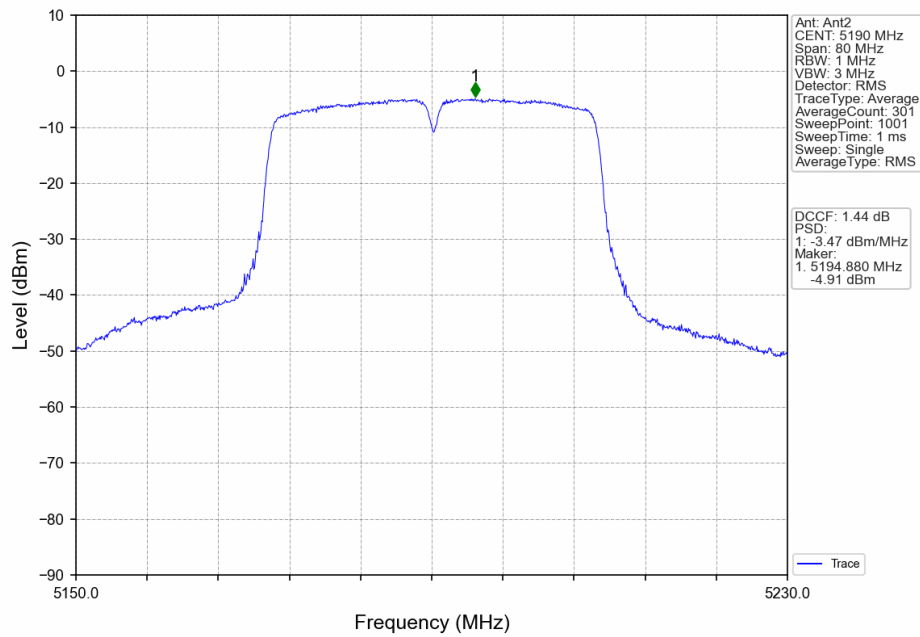
802.11ac(VHT20) HCH 5240MHz Ant2_NTNV



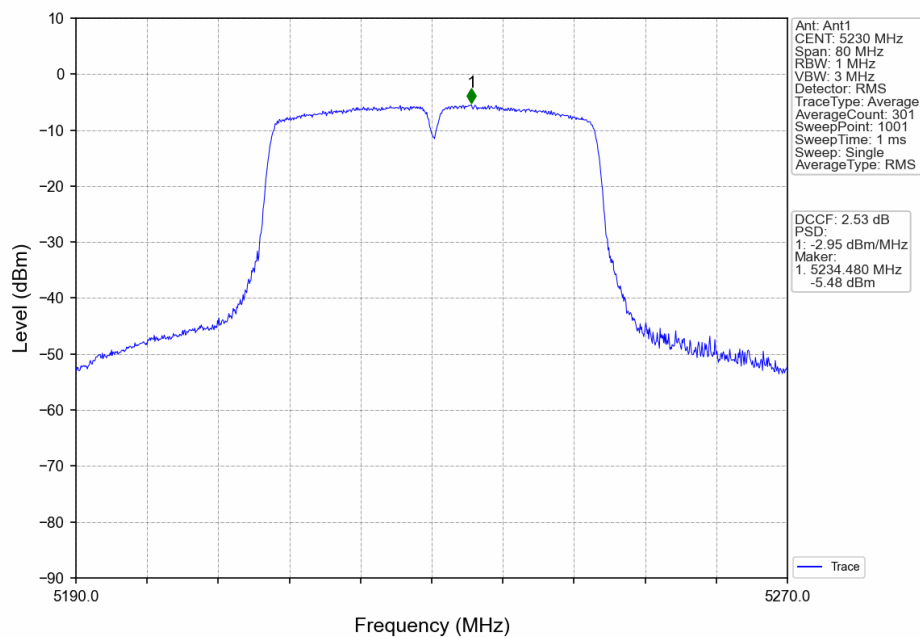
802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



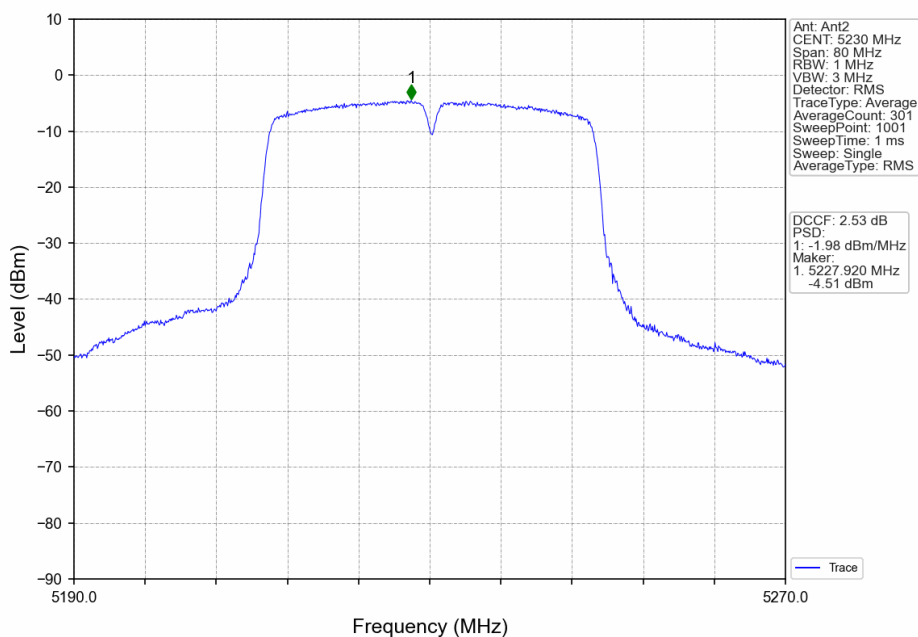
802.11ac(VHT40) LCH 5190MHz_Ant2_NTNV



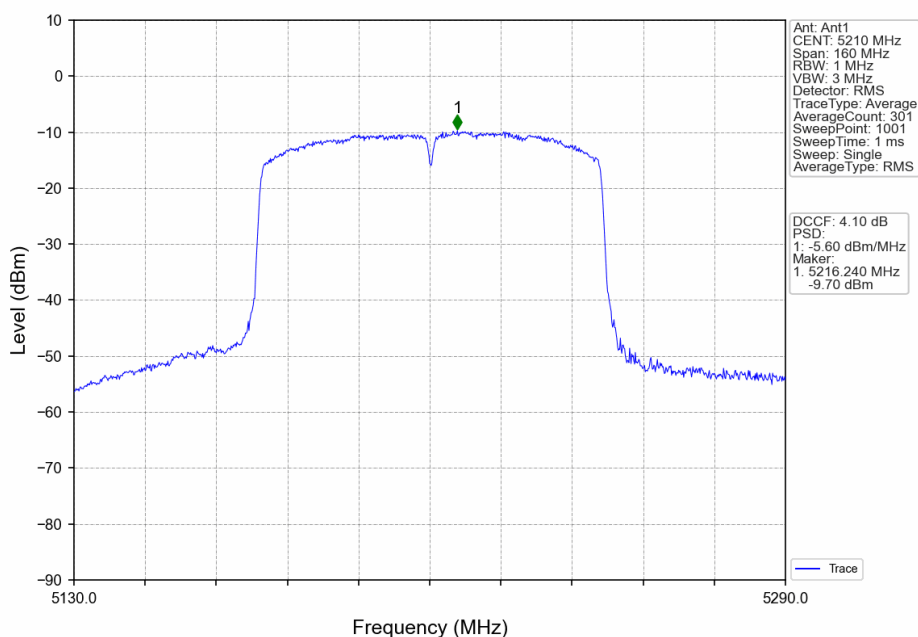
802.11ac(VHT40) HCH 5230MHz_Ant1_NTNV



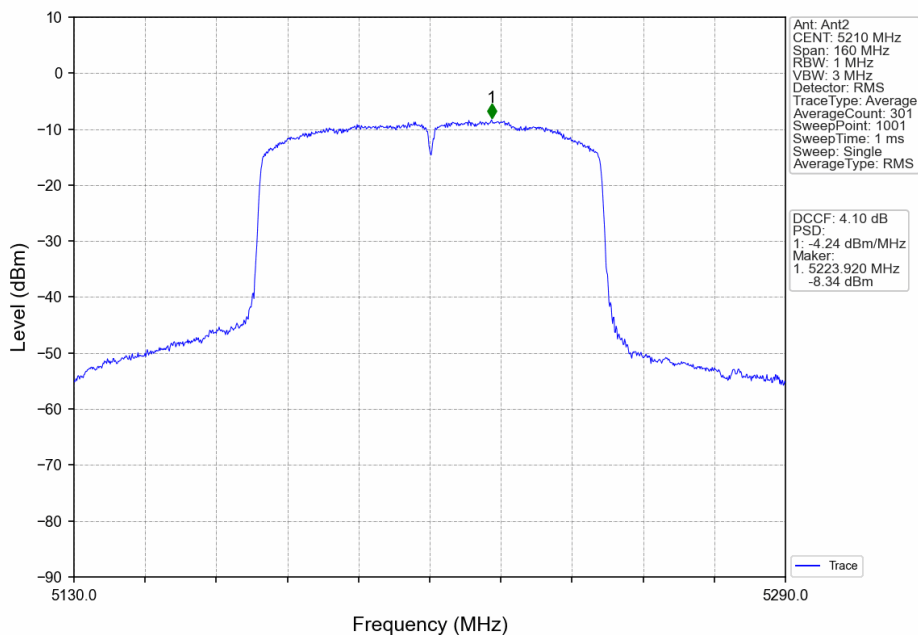
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



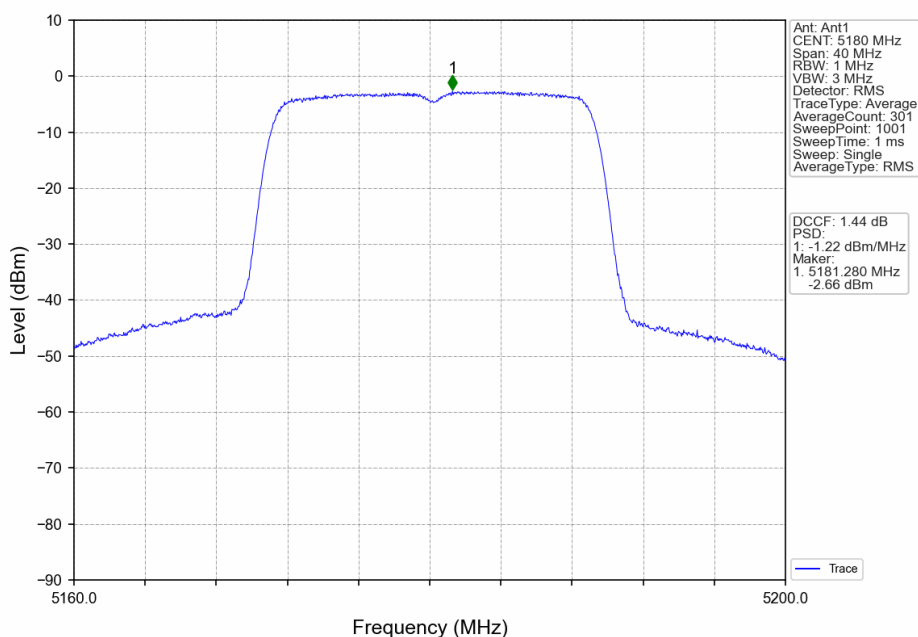
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



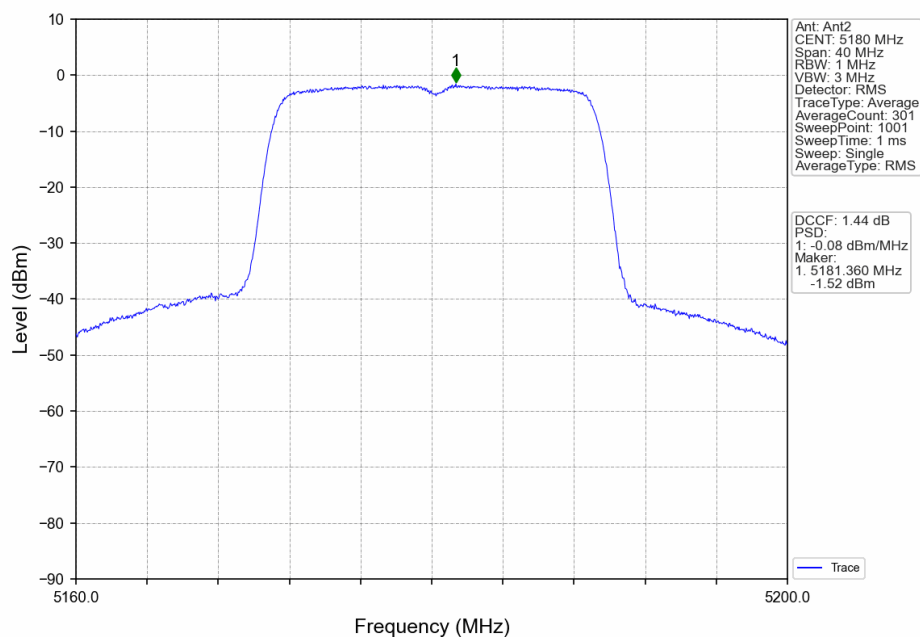
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



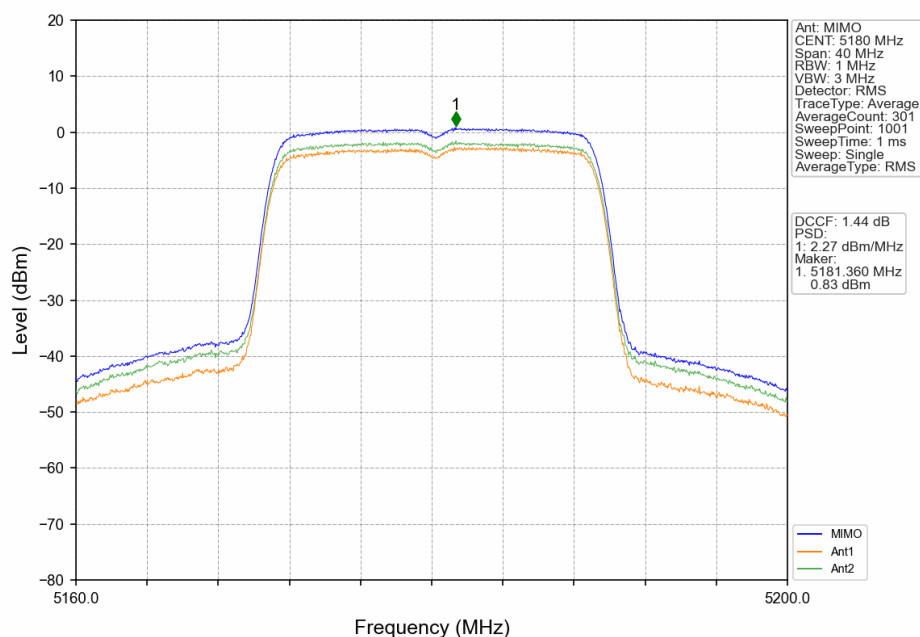
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



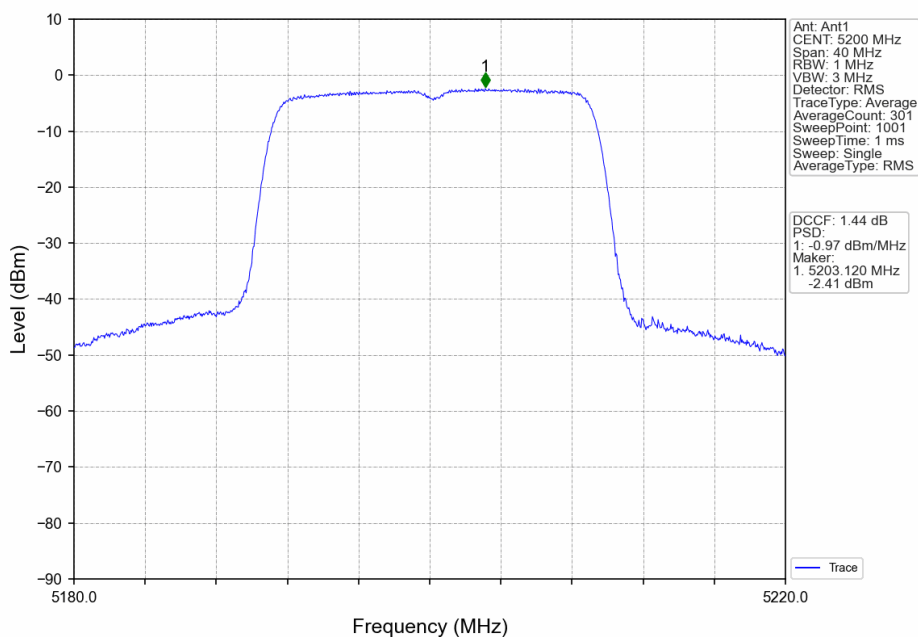
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



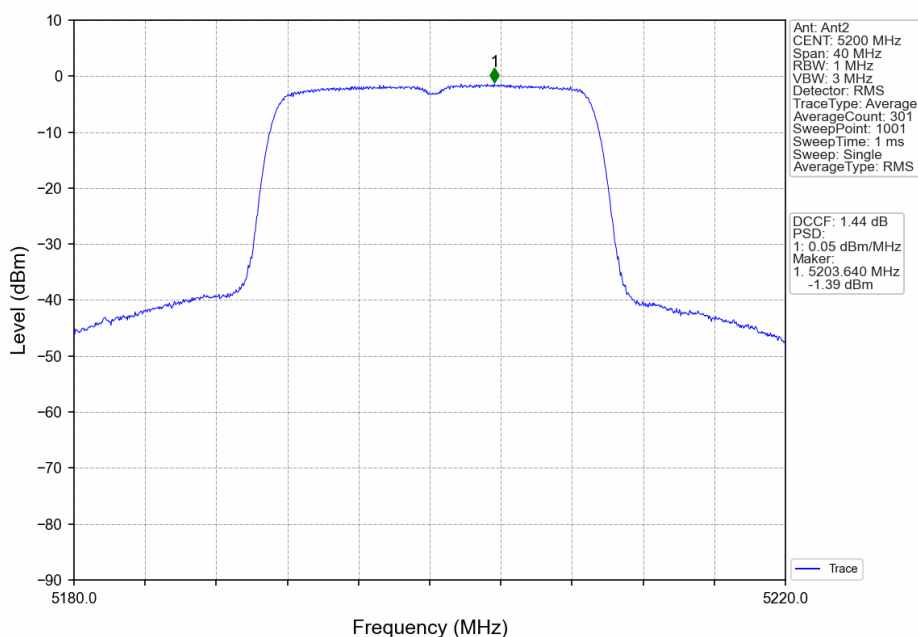
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



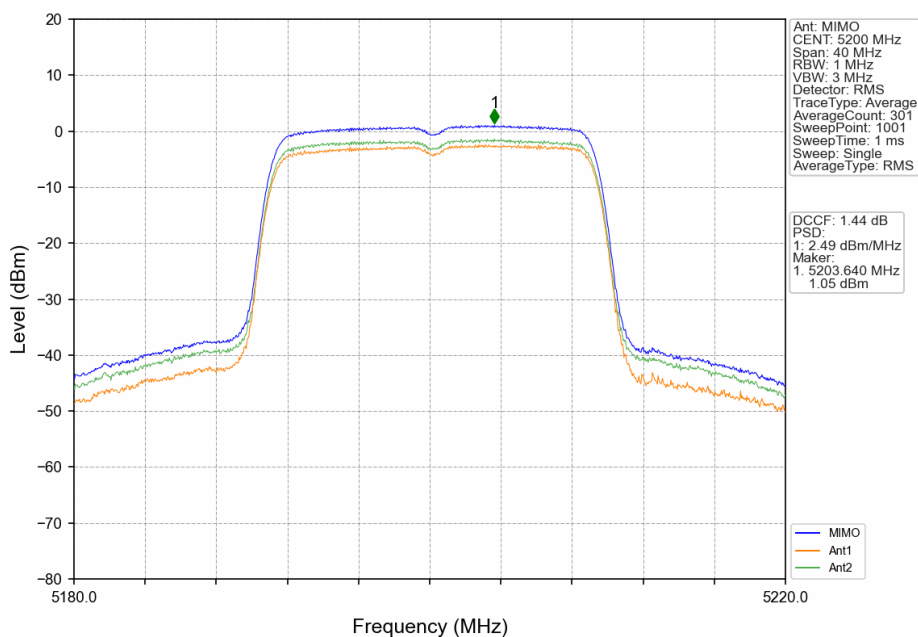
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



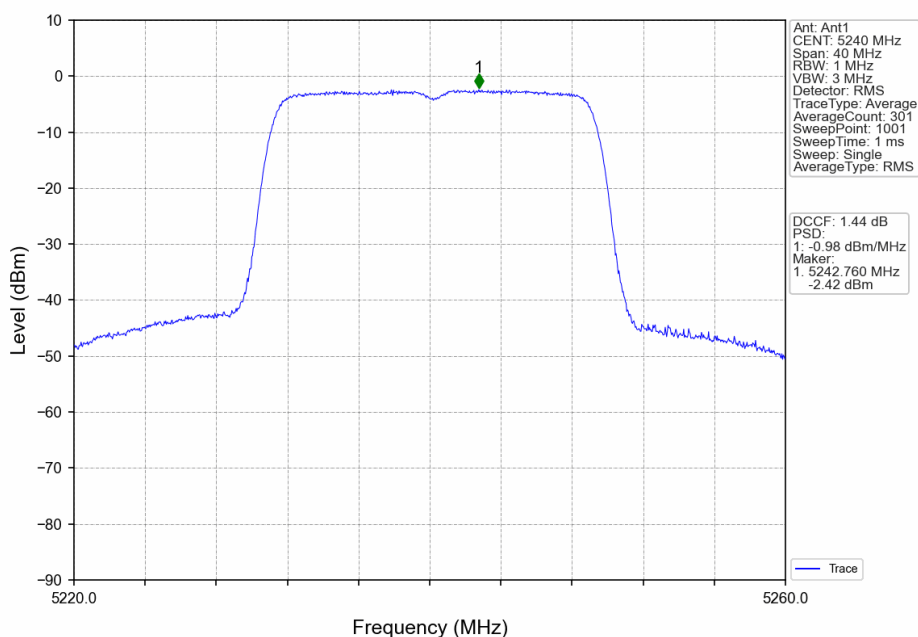
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



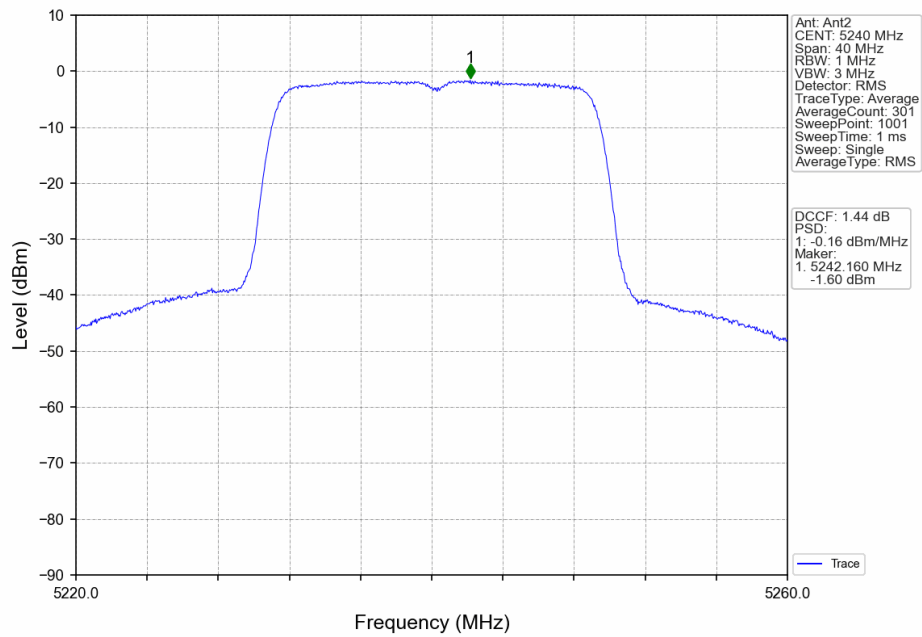
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



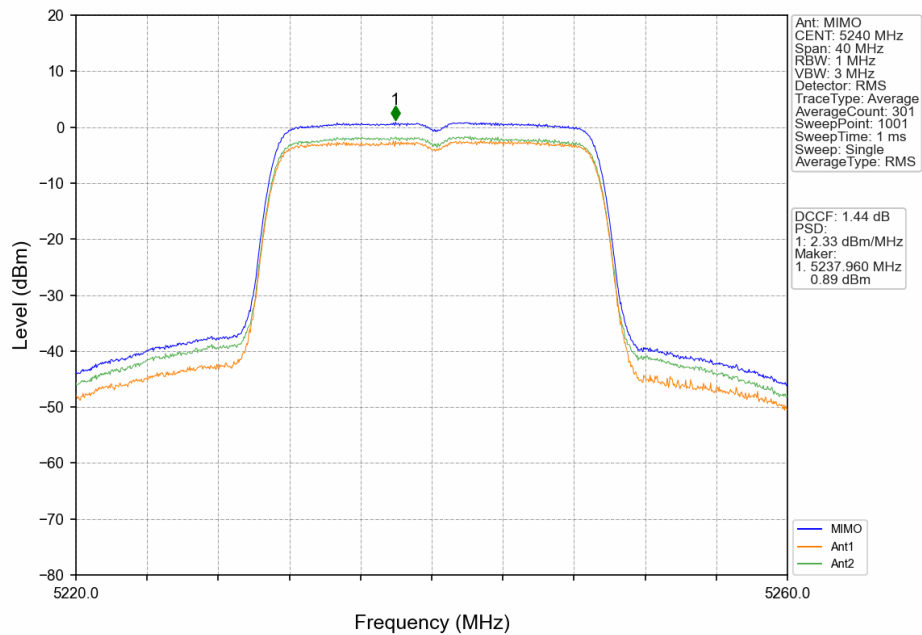
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



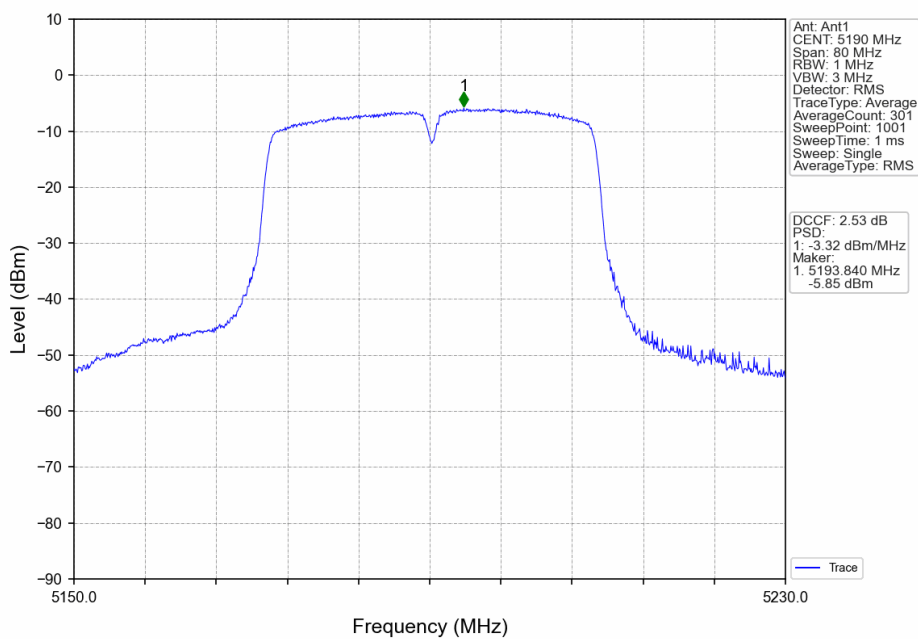
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



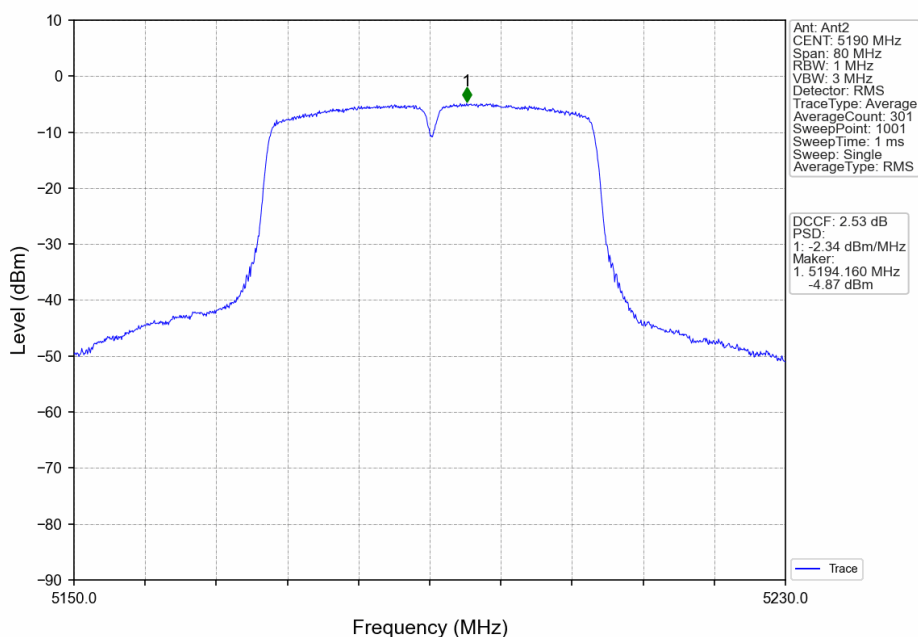
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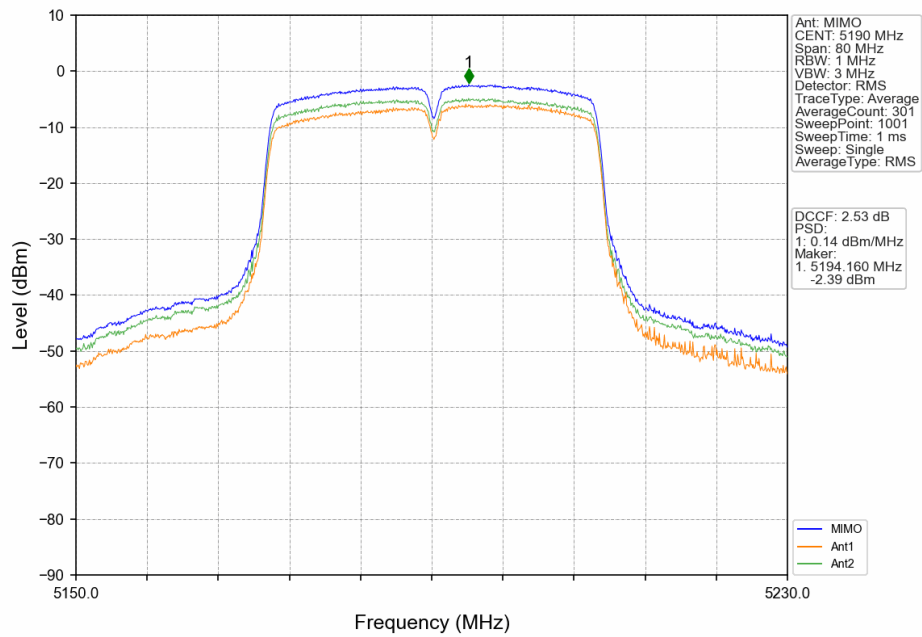
802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



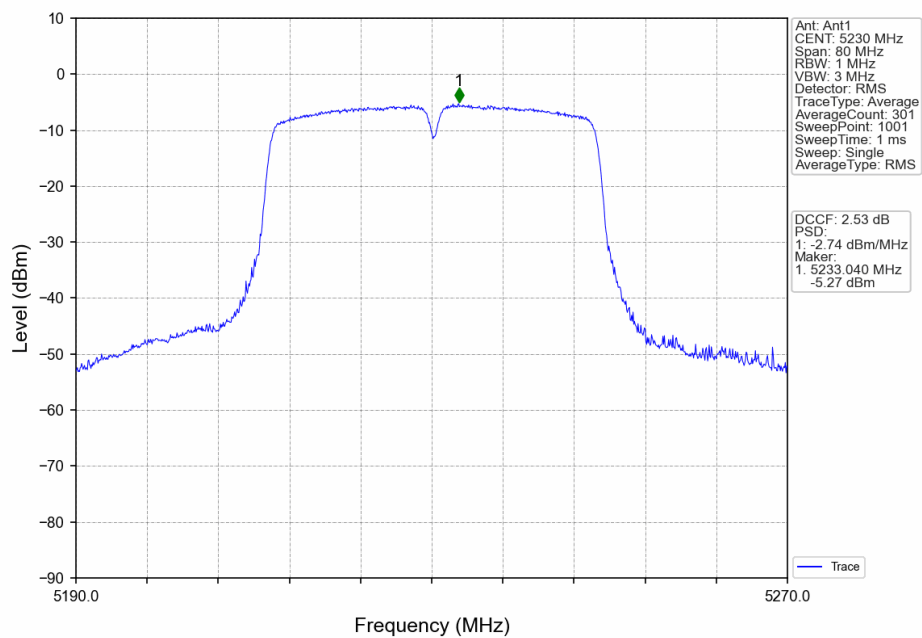
802.11ac(VHT40) LCH_5190MHz_Ant2_NTNV



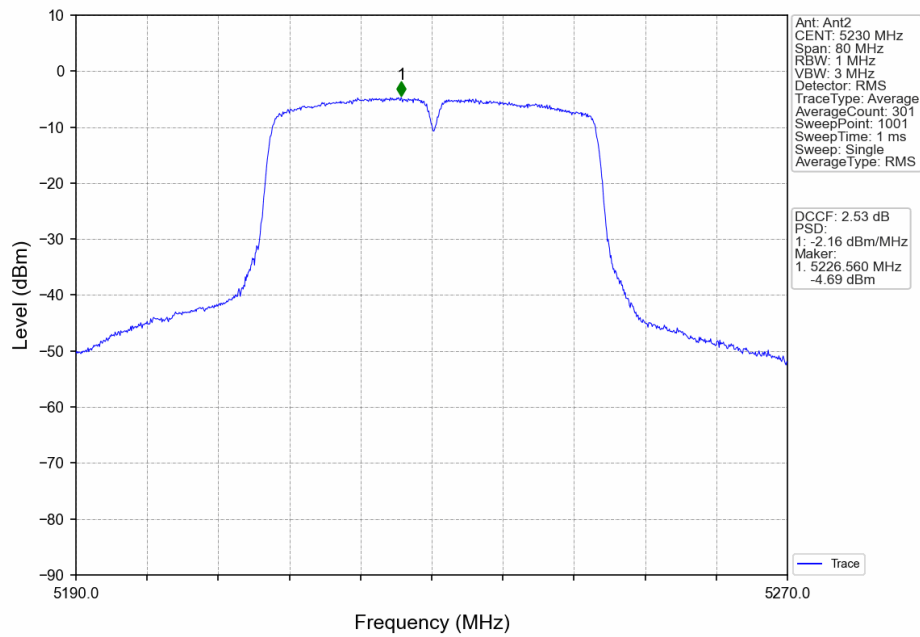
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



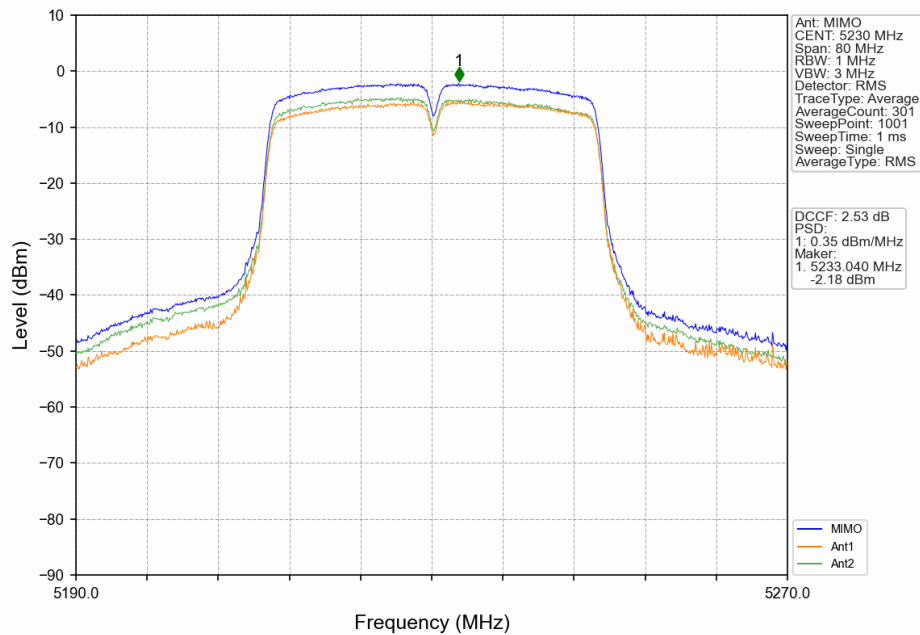
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



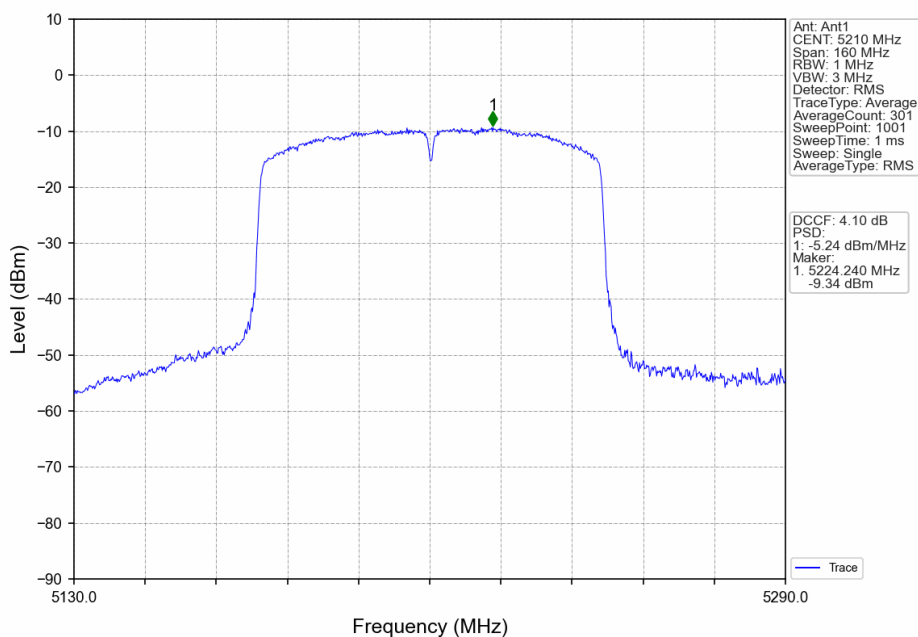
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



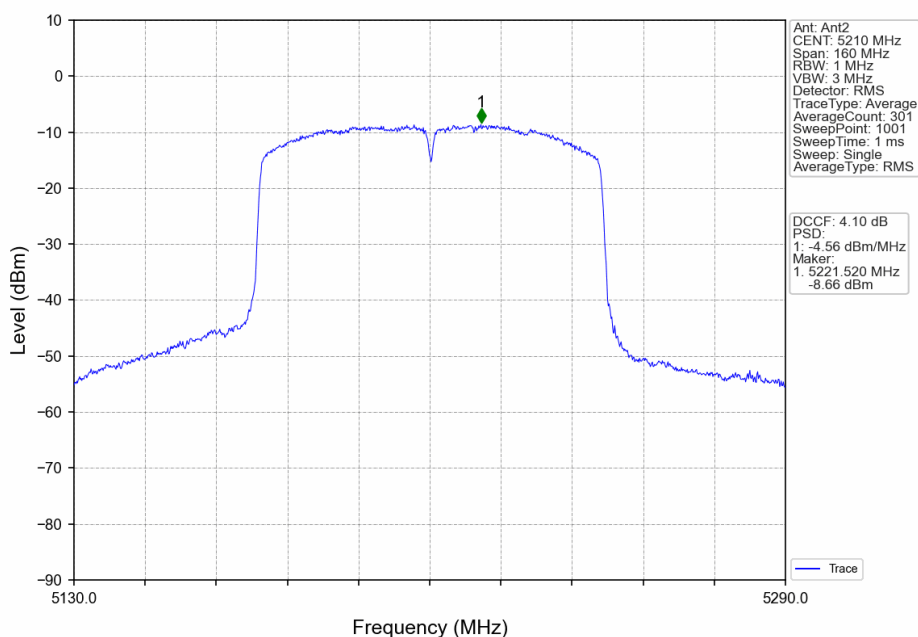
802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



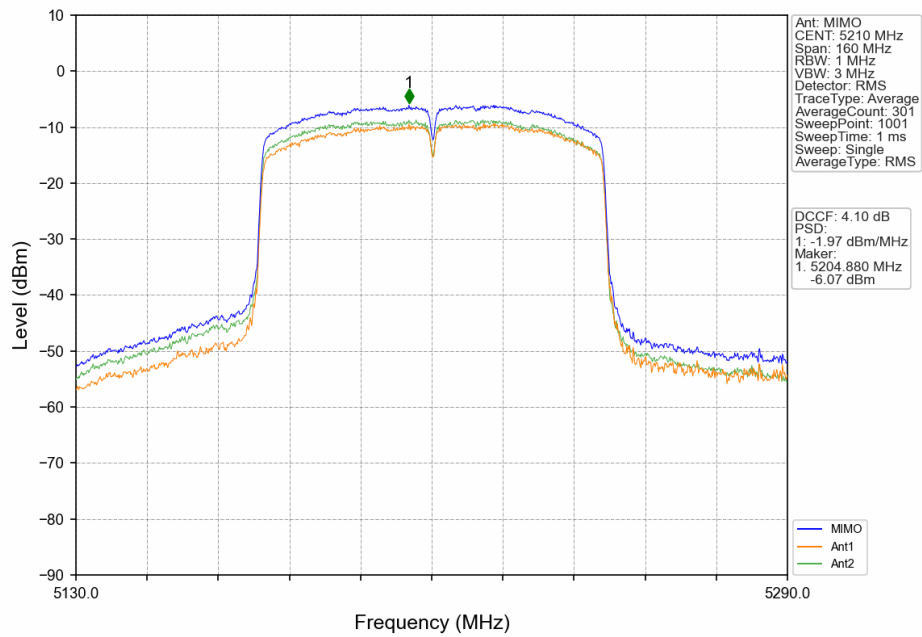
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



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