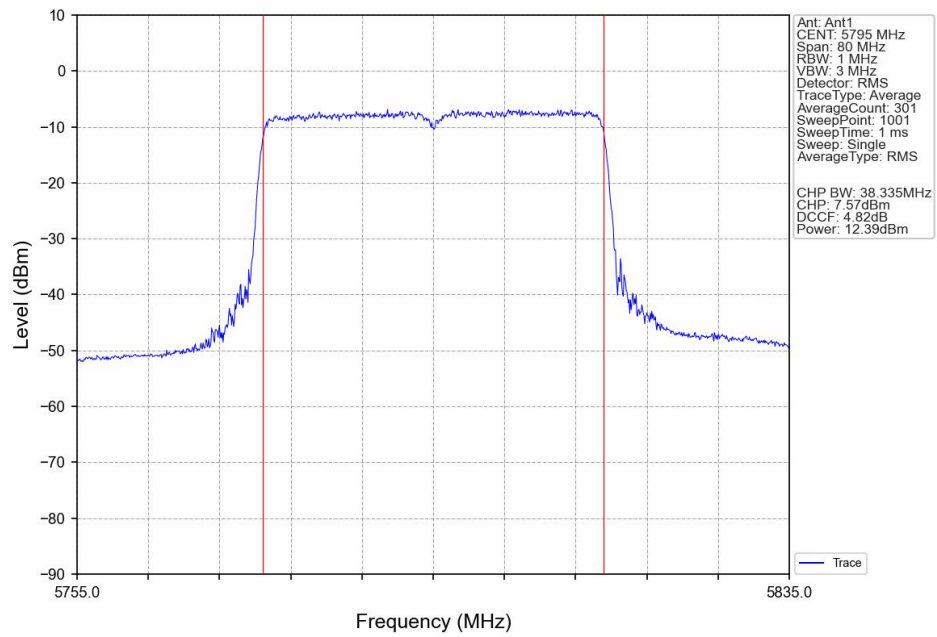
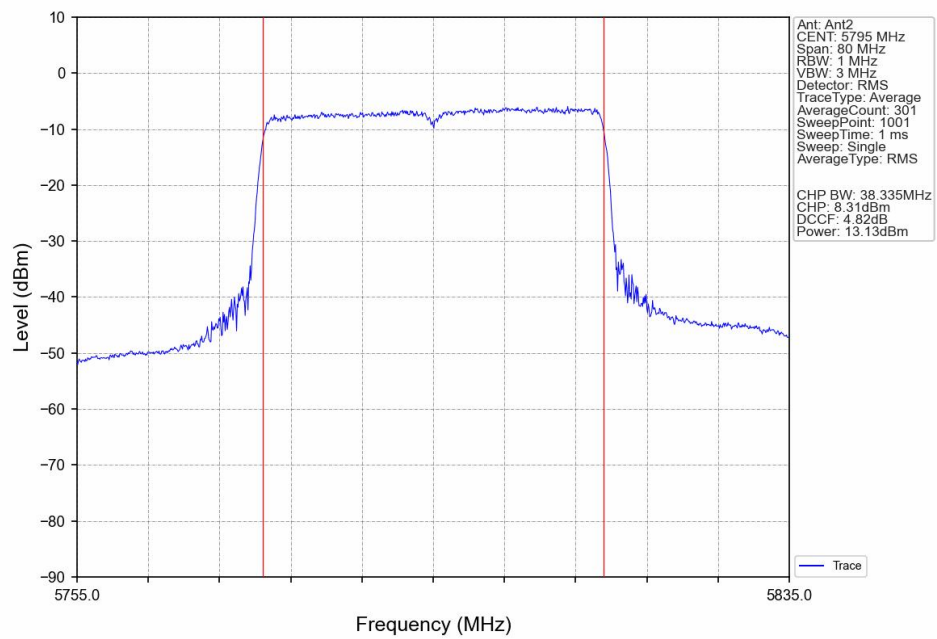


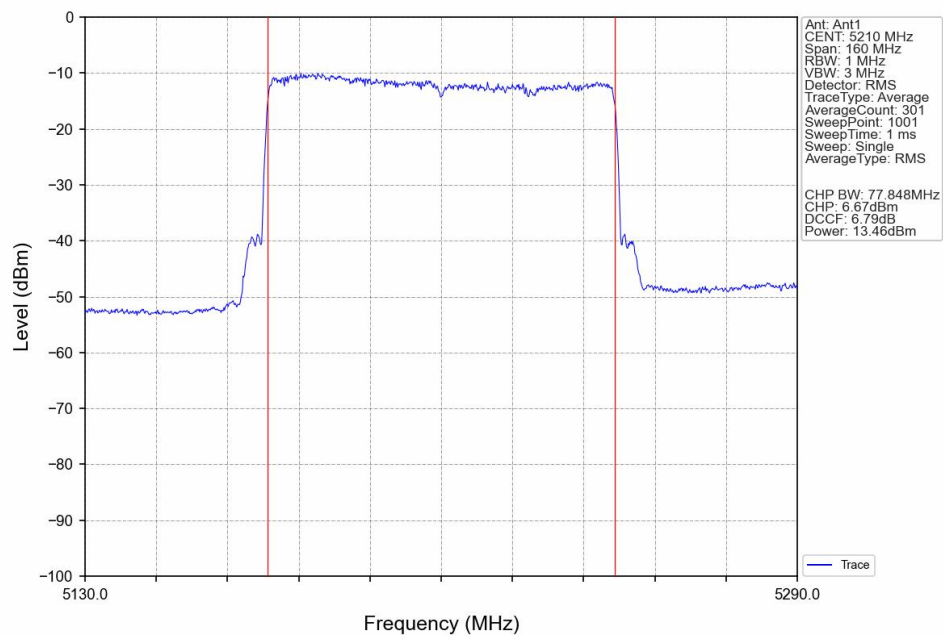
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



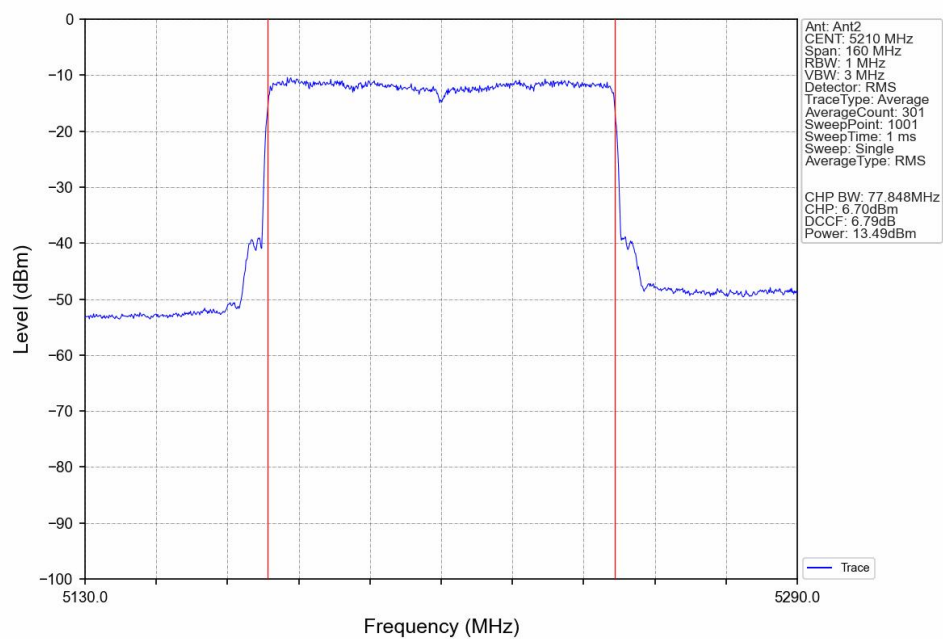
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant2_NTNV



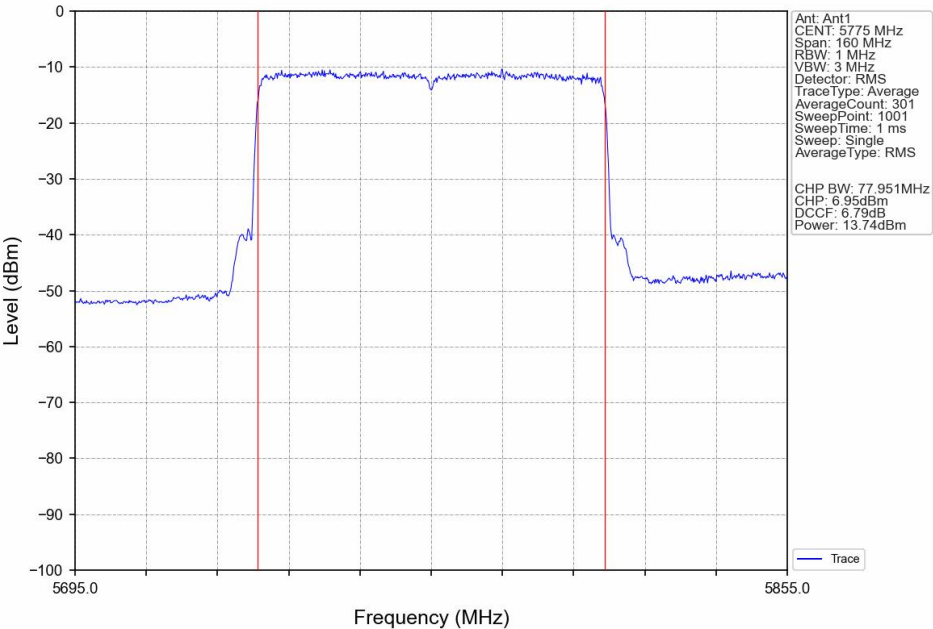
802.11ax(HEW80)_MCH_5210MHz_SU / Ant1_NTNV



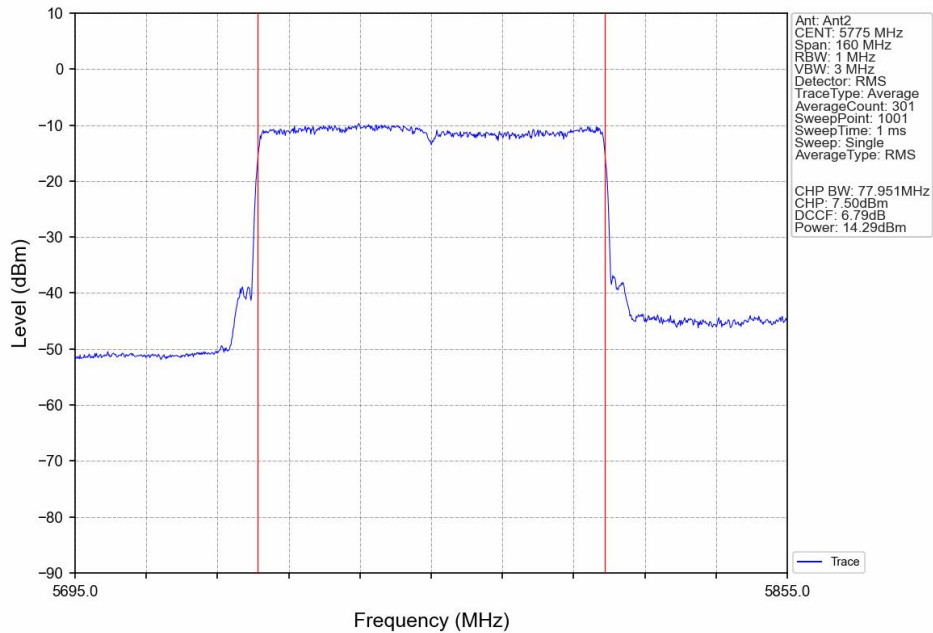
802.11ax(HEW80)_MCH_5210MHz_SU / Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_ / Ant2_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

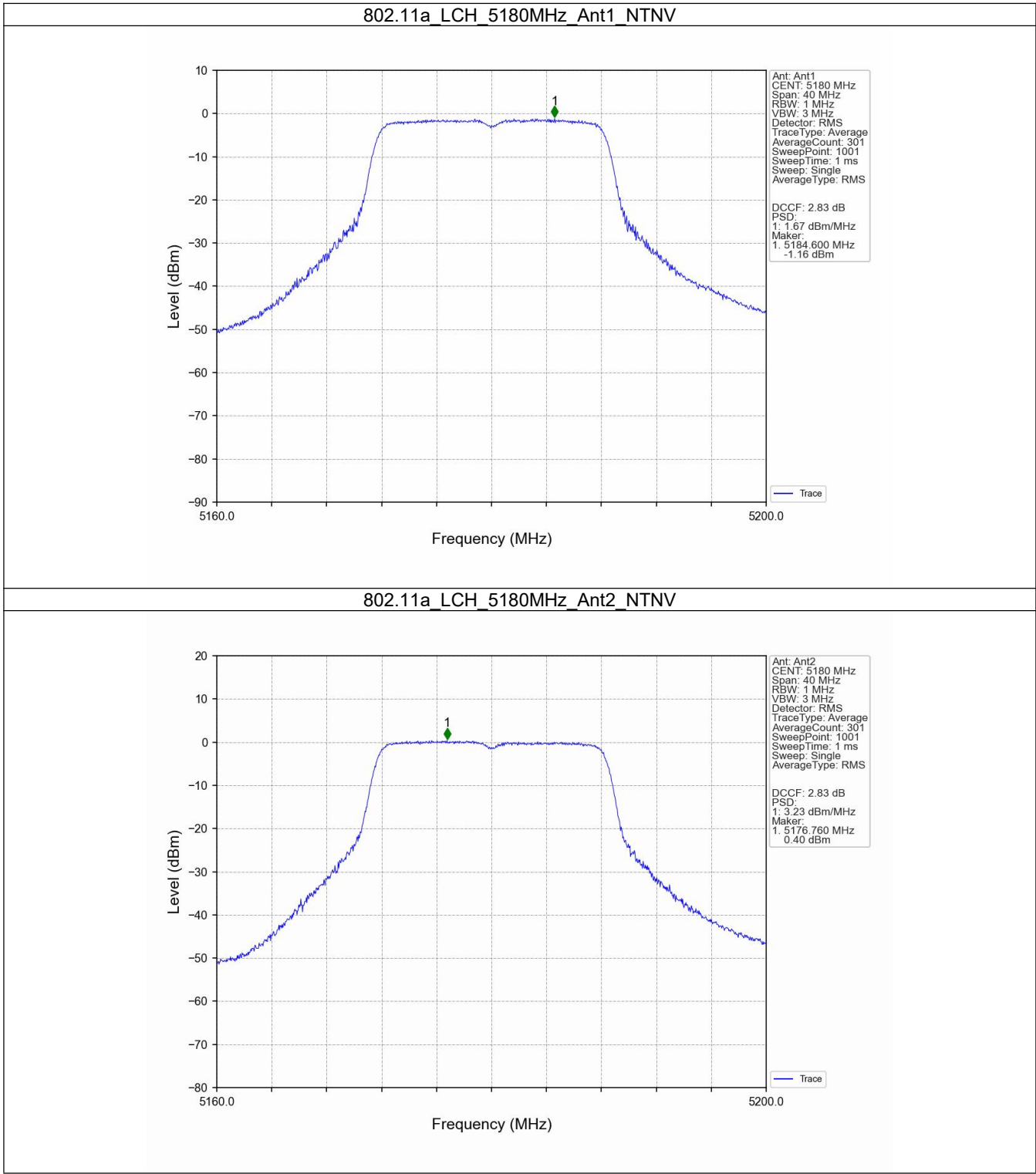
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	1.67	3.23	/	<=17	Pass
		5200	/	/	1.58	3.42	/	<=17	Pass
		5240	/	/	0.86	2.95	/	<=17	Pass
802.11n (HT20)	MIMO	5180	/	/	1.03	3.06	4.99	<=17	Pass
		5200	/	/	1.27	3.12	5.12	<=17	Pass
		5240	/	/	0.45	2.10	4.19	<=17	Pass
802.11n (HT40)	MIMO	5190	/	/	-1.16	0.83	2.74	<=17	Pass
		5230	/	/	-1.93	-1.03	1.33	<=17	Pass
802.11ac (VHT20)	MIMO	5180	/	/	2.40	4.17	6.22	<=17	Pass
		5200	/	/	2.35	4.20	6.24	<=17	Pass
		5240	/	/	1.58	3.61	5.55	<=17	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0.18	1.96	3.71	<=17	Pass
		5230	/	/	-0.93	0.00	2.31	<=17	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-3.65	-2.51	-0.18	<=17	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	0.51	2.72	4.54	<=17	Pass
		5200	SU	/	1.21	3.28	5.13	<=17	Pass
		5240	SU	/	0.40	2.47	4.41	<=17	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-1.42	0.82	2.58	<=17	Pass
		5230	SU	/	-1.73	-0.68	1.54	<=17	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-2.67	-2.59	-0.16	<=17	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 2.86dBi; - Band: 3 Ant1: 2.72dBi; - Band: 3 Ant2: 2.72dBi; - Band: 1 Ant2: 2.86dBi;									

4.1.2 PSD-Band3

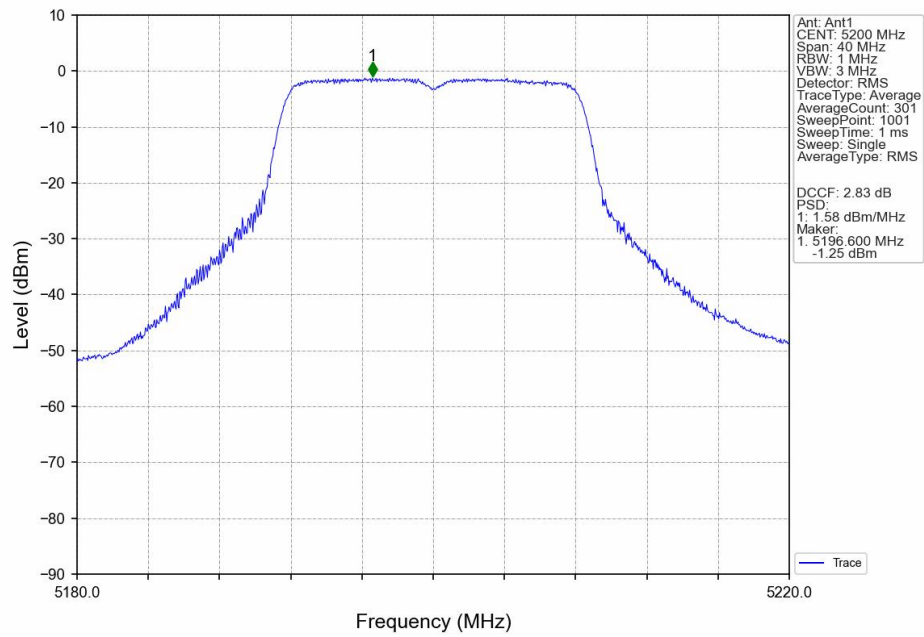
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-0.31	0.07	/	<=30	Pass
		5785	/	/	-1.10	-1.03	/	<=30	Pass
		5825	/	/	-1.55	-1.38	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-0.09	-0.42	2.61	<=30	Pass
		5785	/	/	-0.55	-0.88	2.22	<=30	Pass
		5825	/	/	-1.48	-1.75	1.37	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-1.85	-2.35	0.80	<=30	Pass
		5795	/	/	-2.38	-2.22	0.07	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	0.93	0.94	3.71	<=30	Pass
		5785	/	/	0.63	-0.01	3.16	<=30	Pass
		5825	/	/	-0.29	-0.86	2.25	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-2.23	-1.58	1.11	<=30	Pass
		5795	/	/	-2.93	-3.08	-0.38	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-4.94	-5.06	-2.44	<=30	Pass

4.2 Test Graph

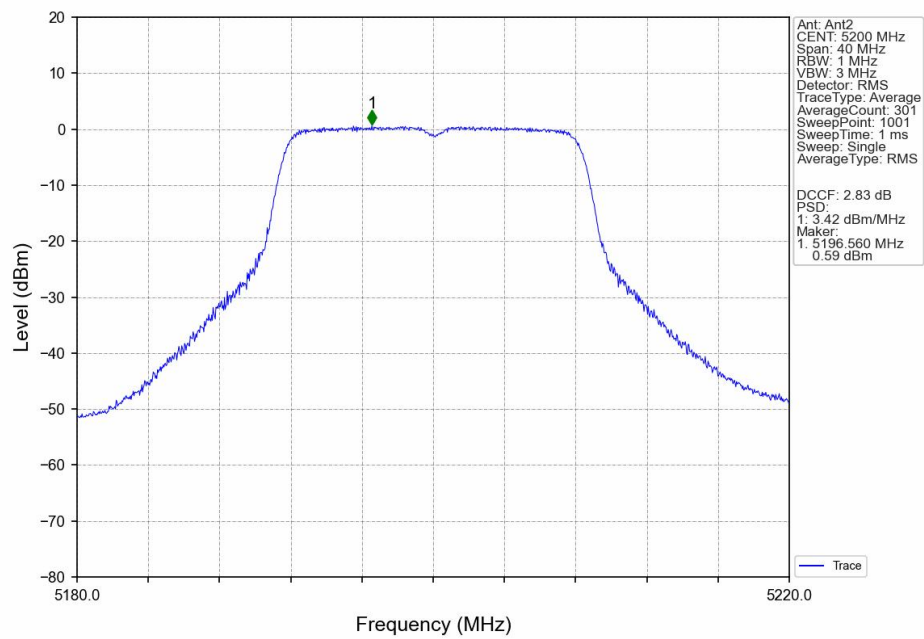
4.2.1 PSD



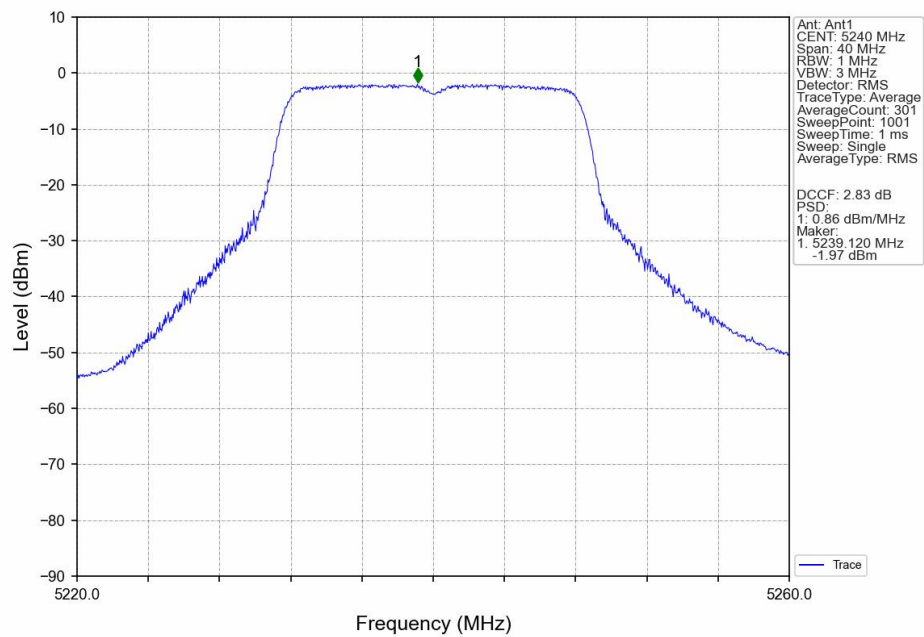
802.11a_MCH_5200MHz_Ant1_NTNV



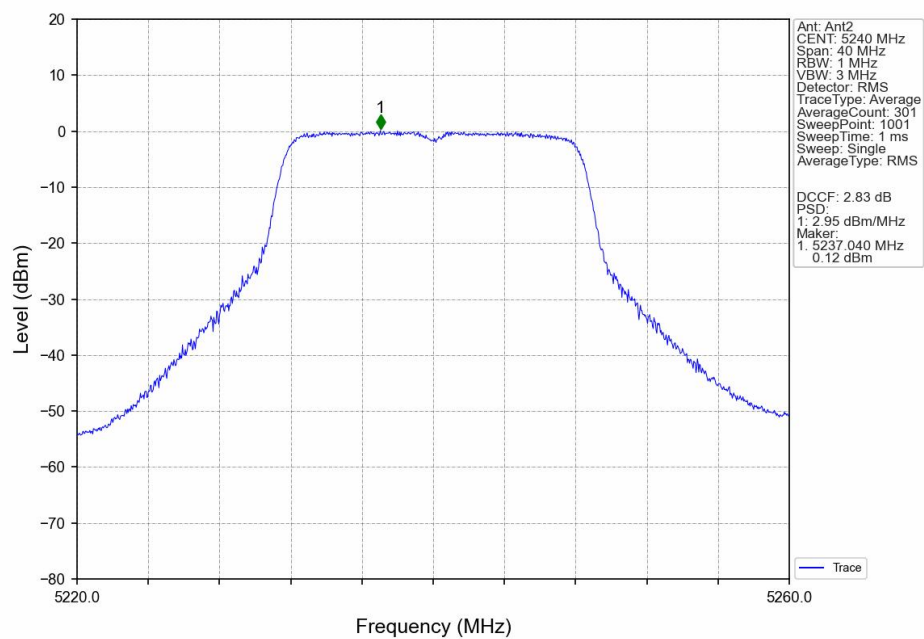
802.11a_MCH_5200MHz_Ant2_NTNV



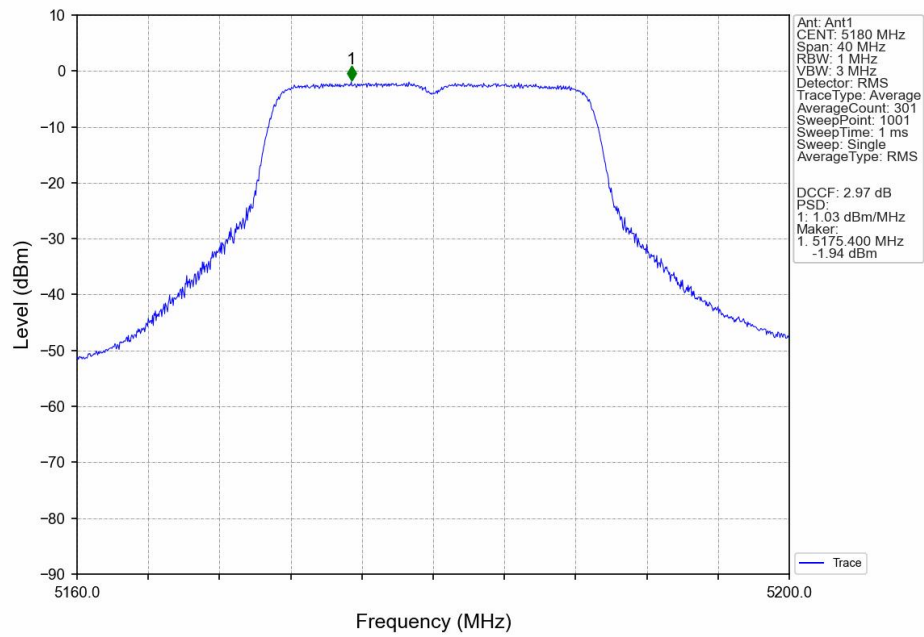
802.11a_HCH_5240MHz_Ant1_NTNV



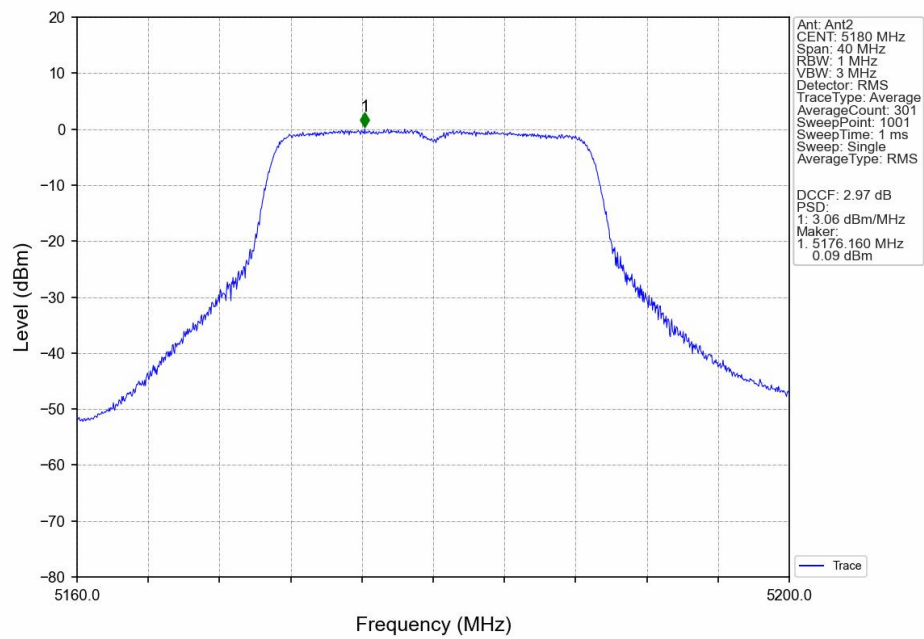
802.11a_HCH_5240MHz_Ant2_NTNV



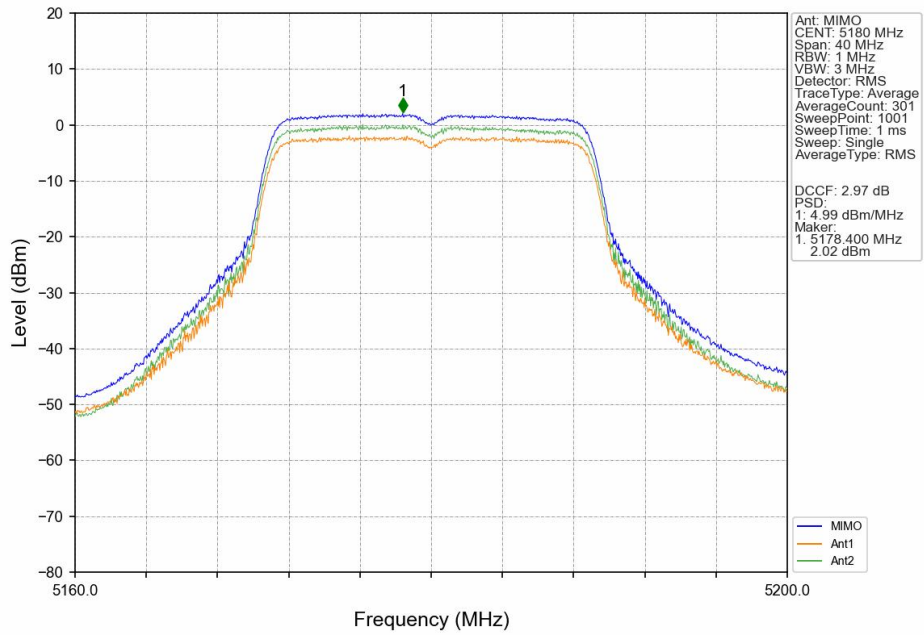
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



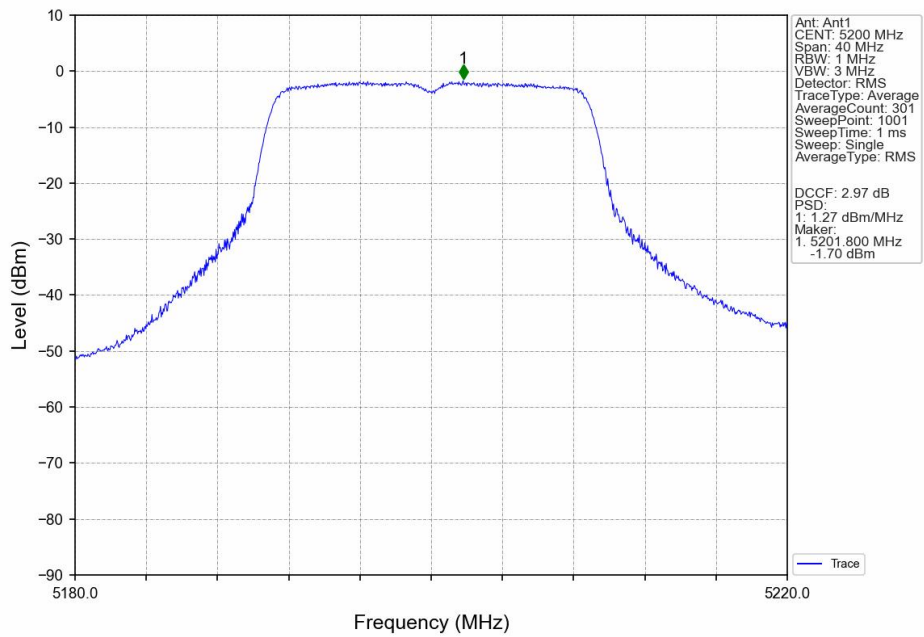
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



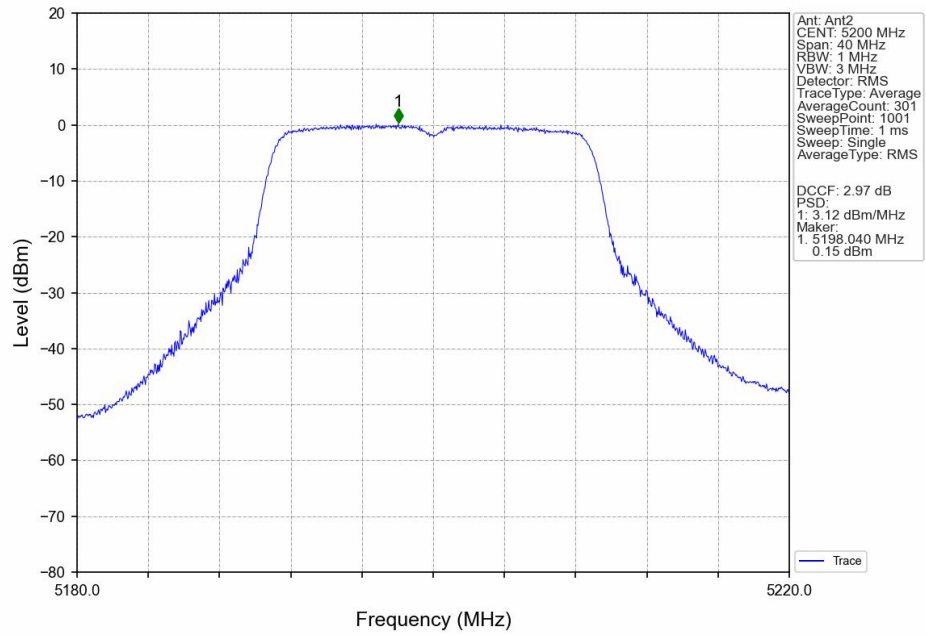
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



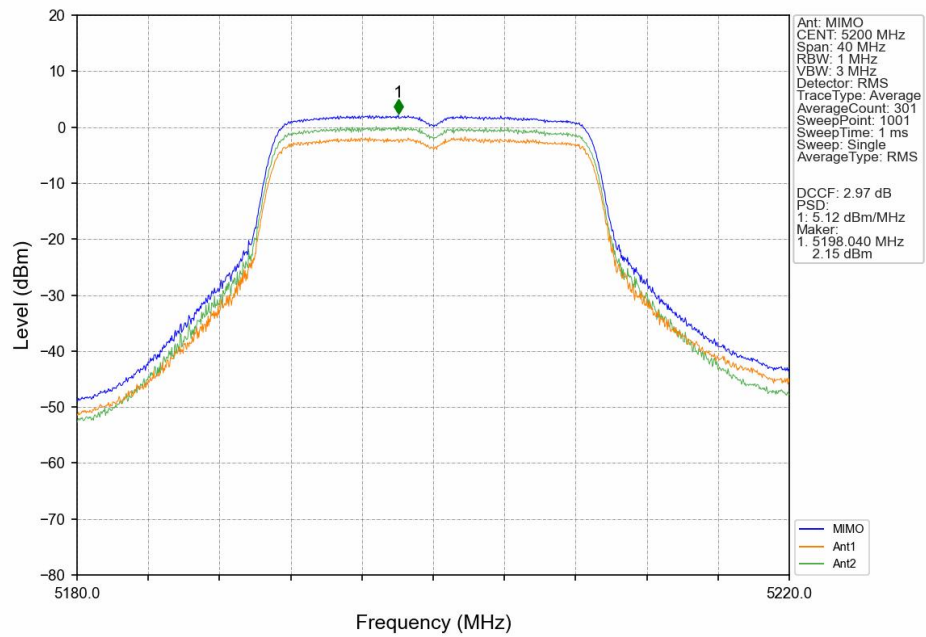
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



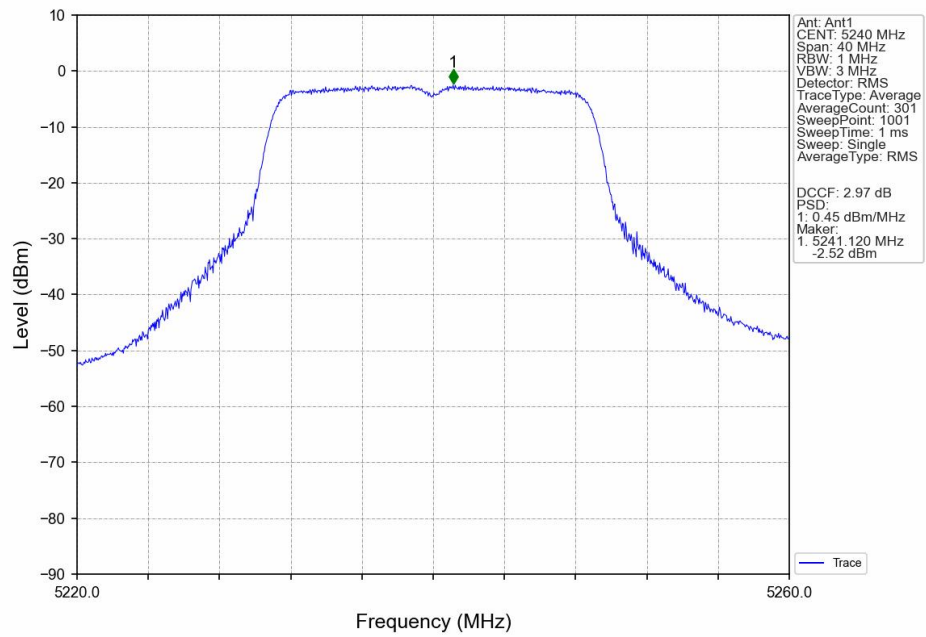
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



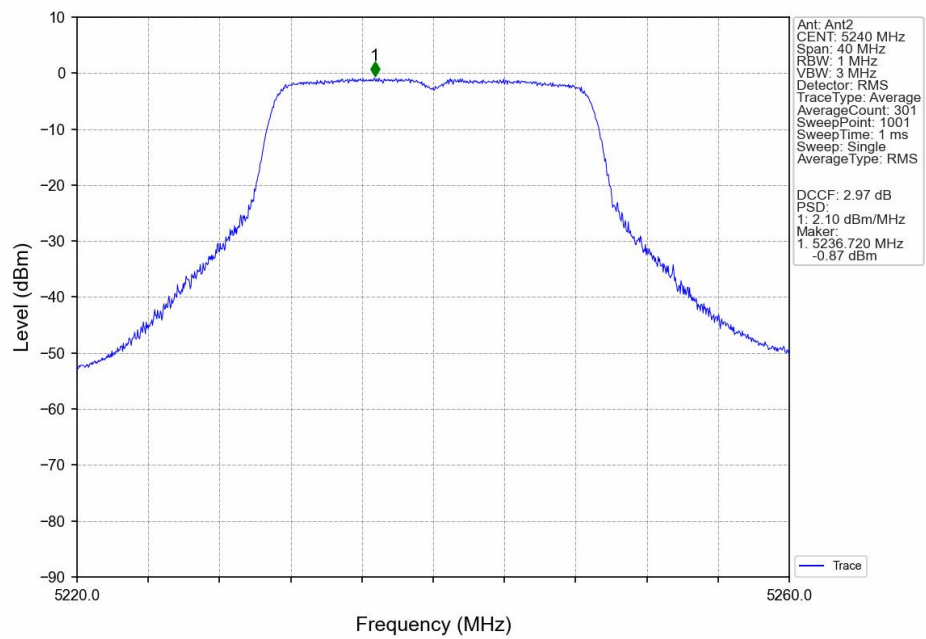
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



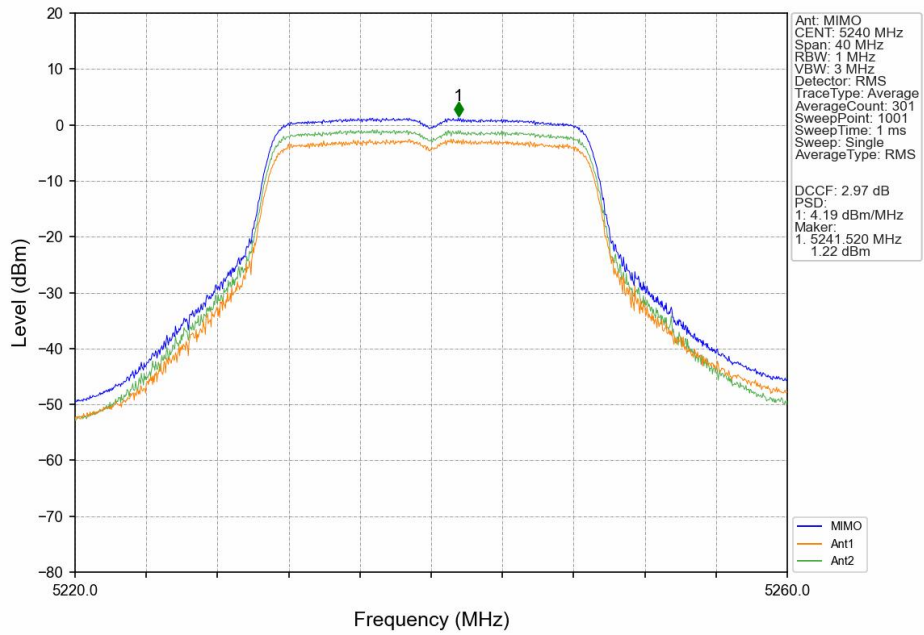
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



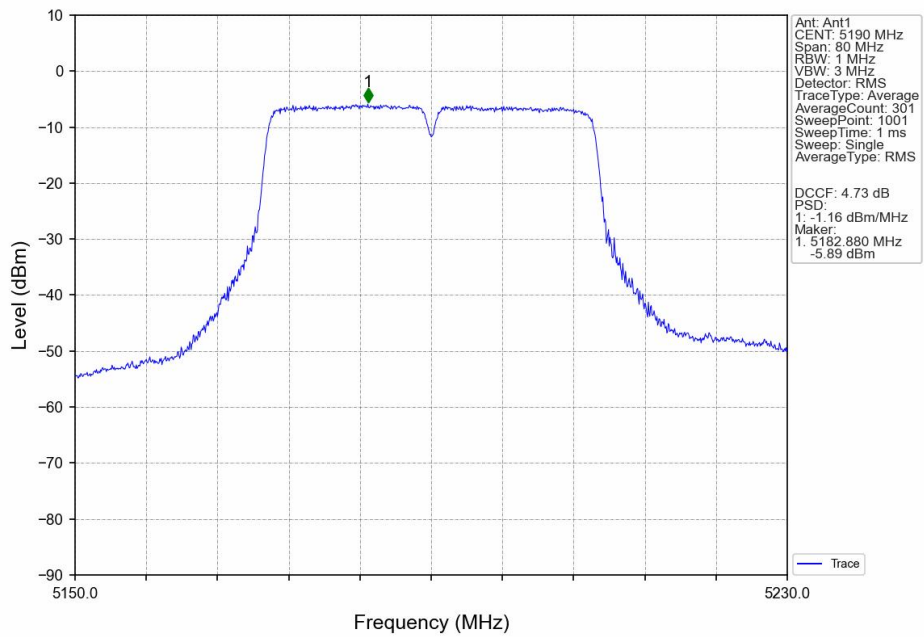
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



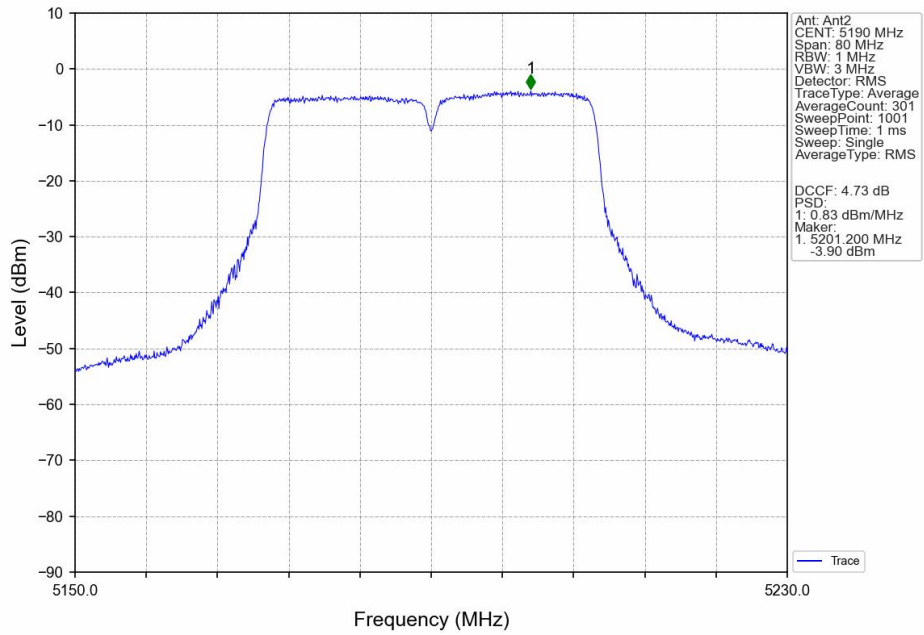
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



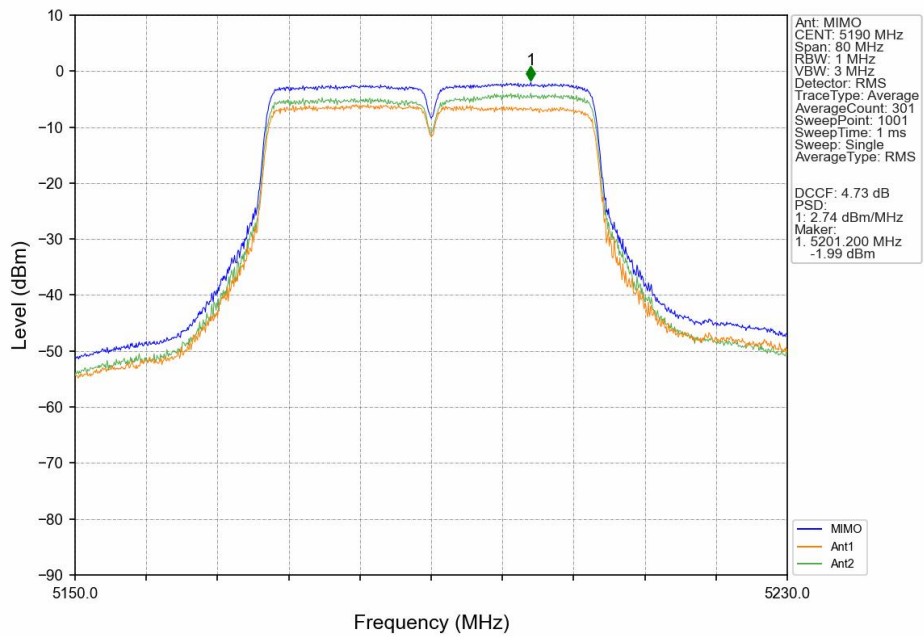
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



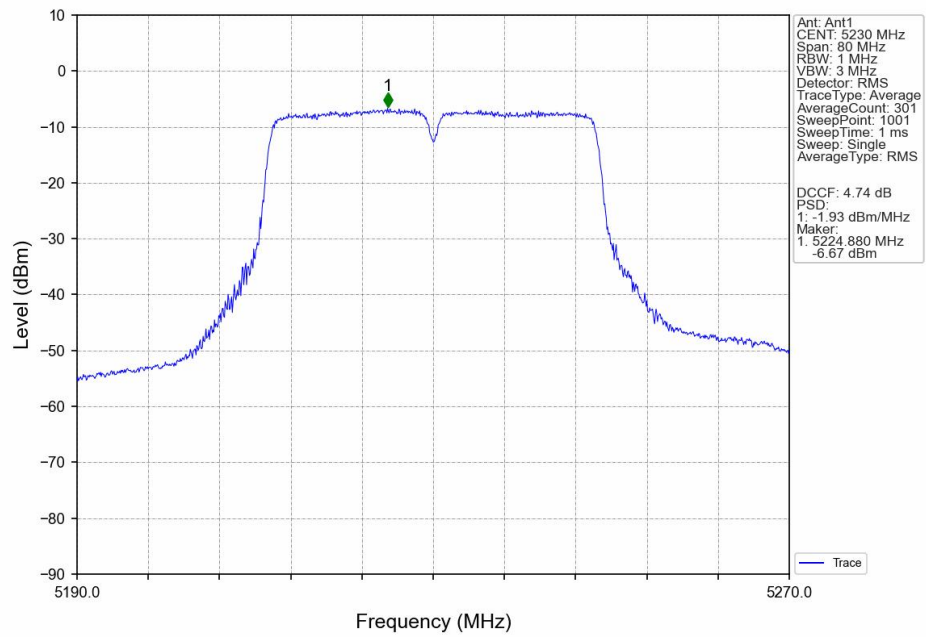
802.11n(HT40) LCH_5190MHz_Ant2_NTNV



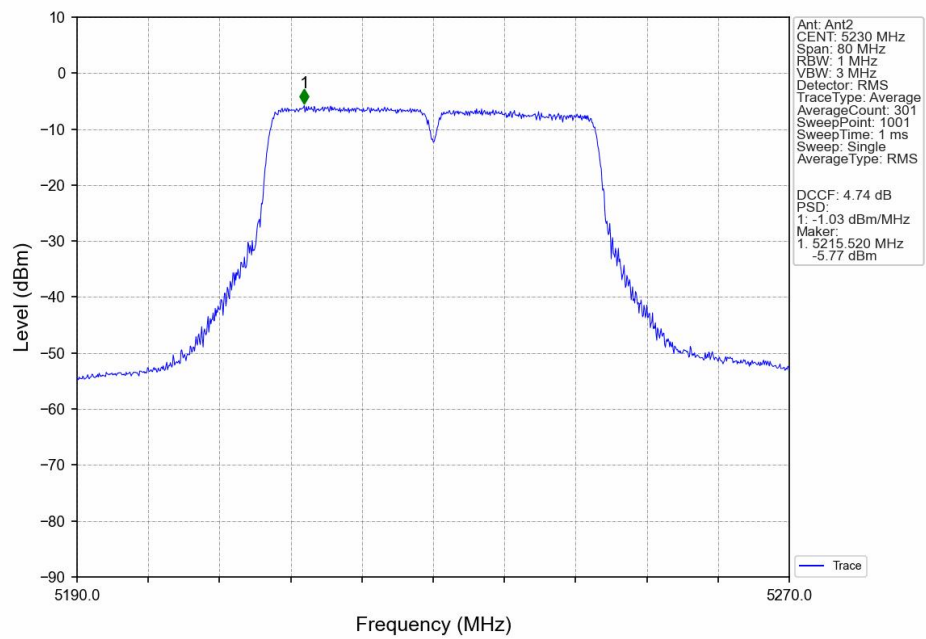
802.11n(HT40) LCH_5190MHz_MIMO_NTNV



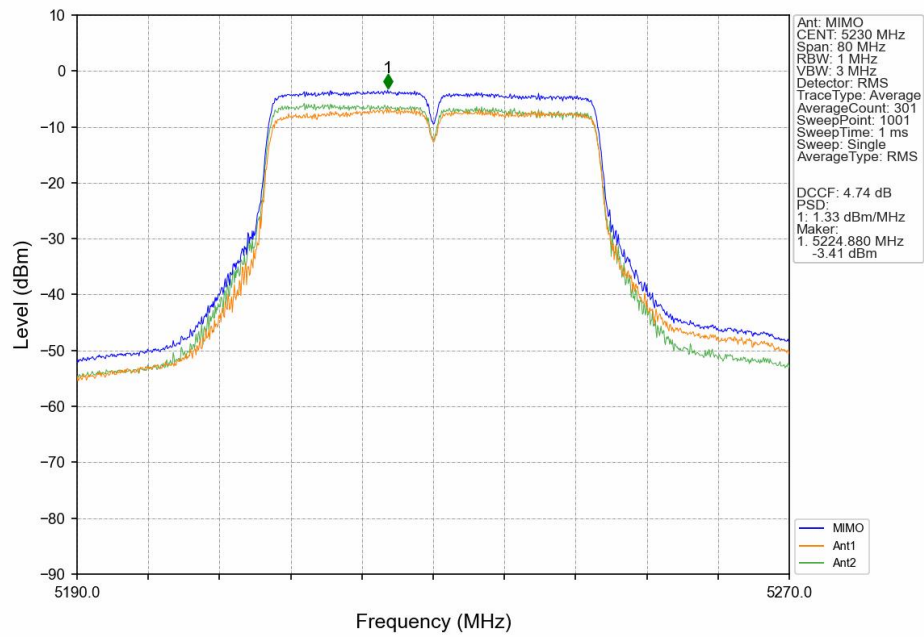
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



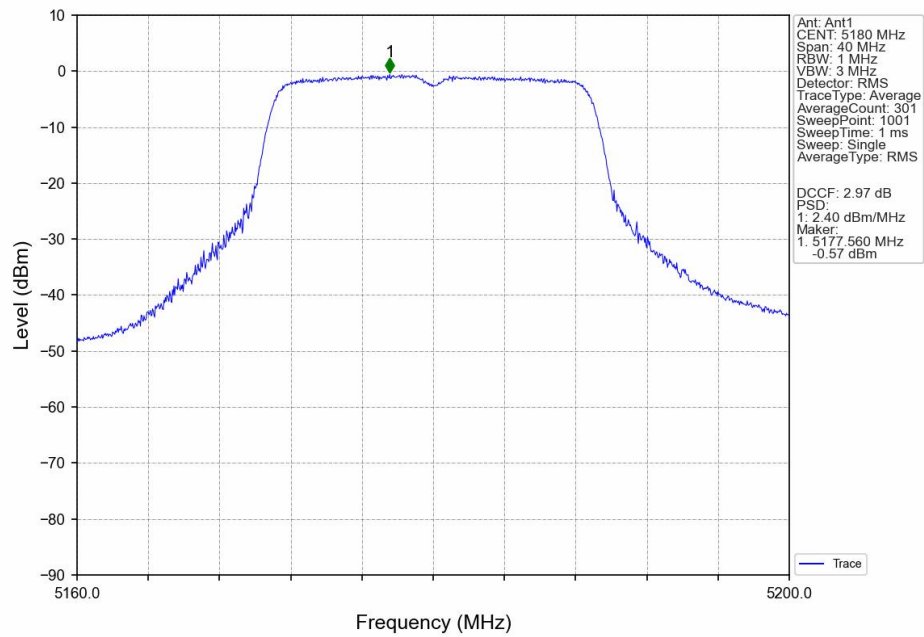
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



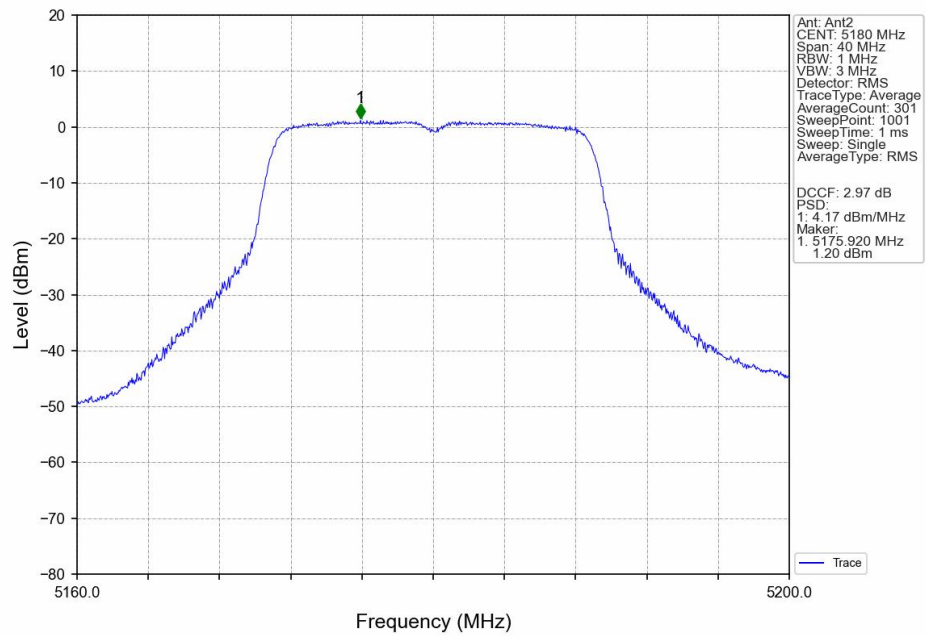
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



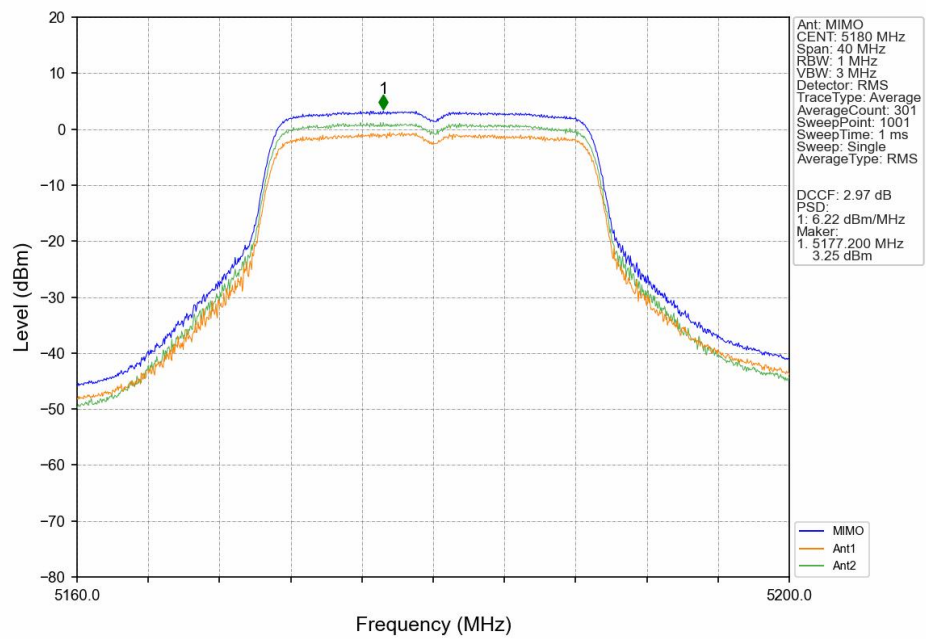
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



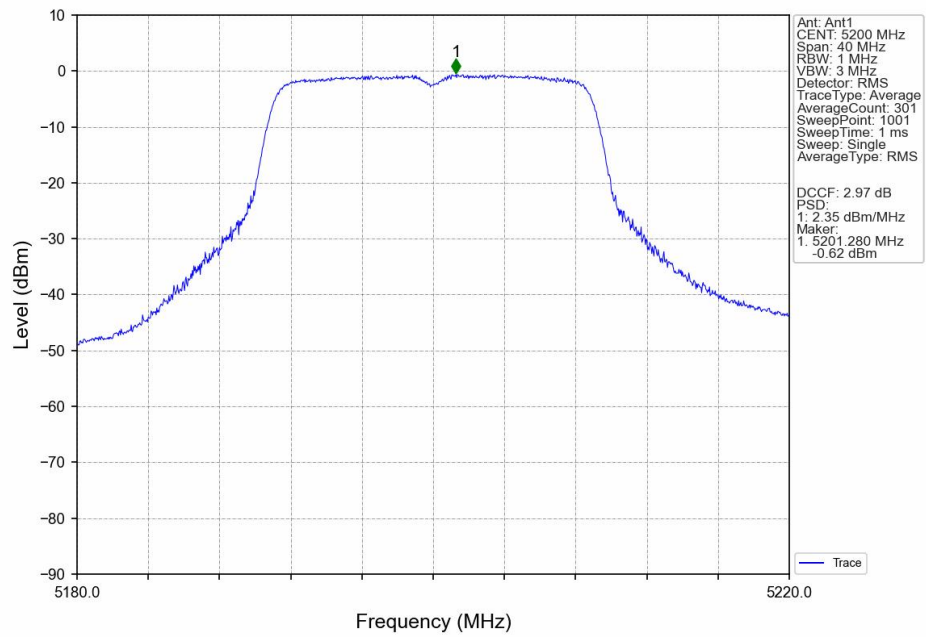
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



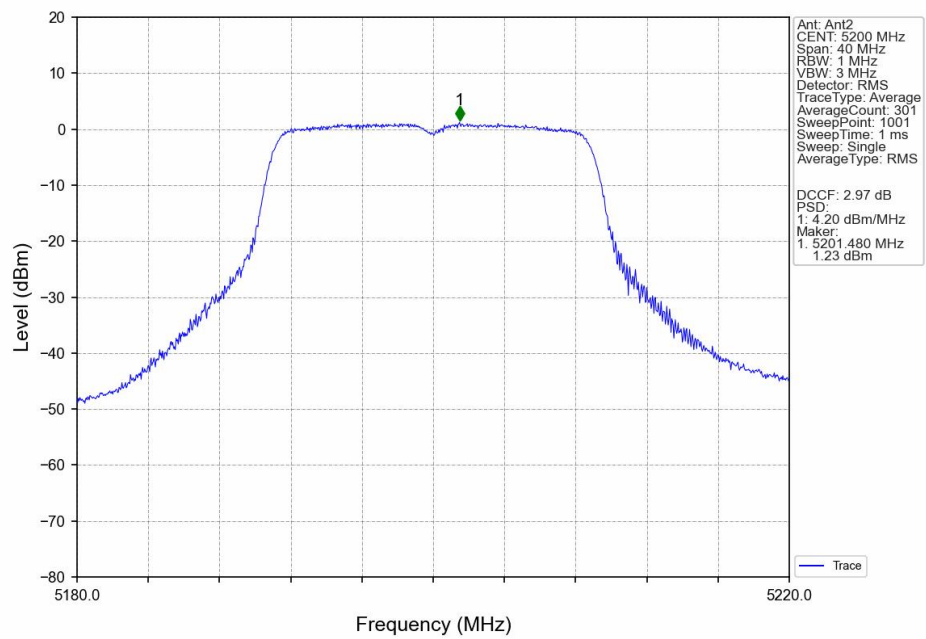
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



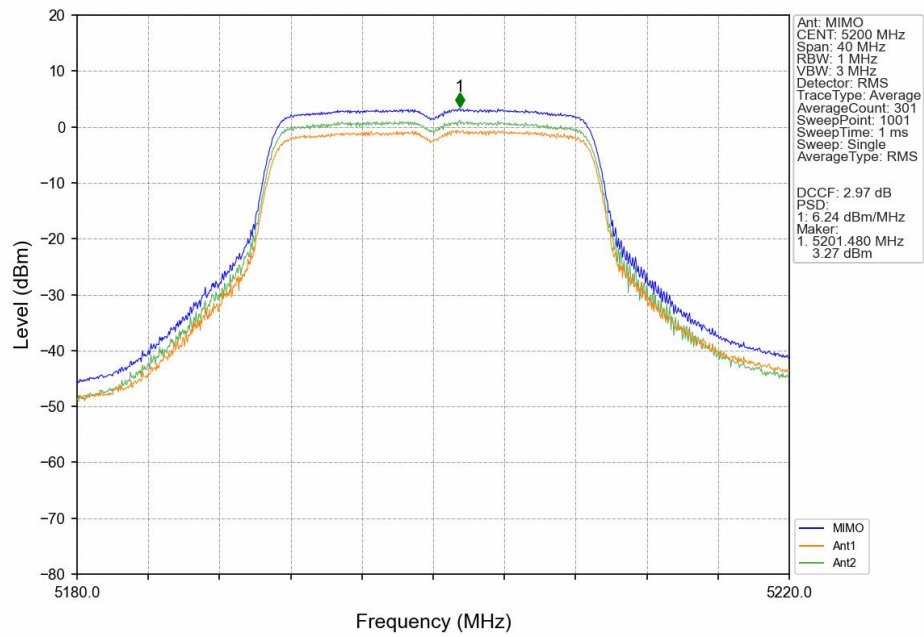
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



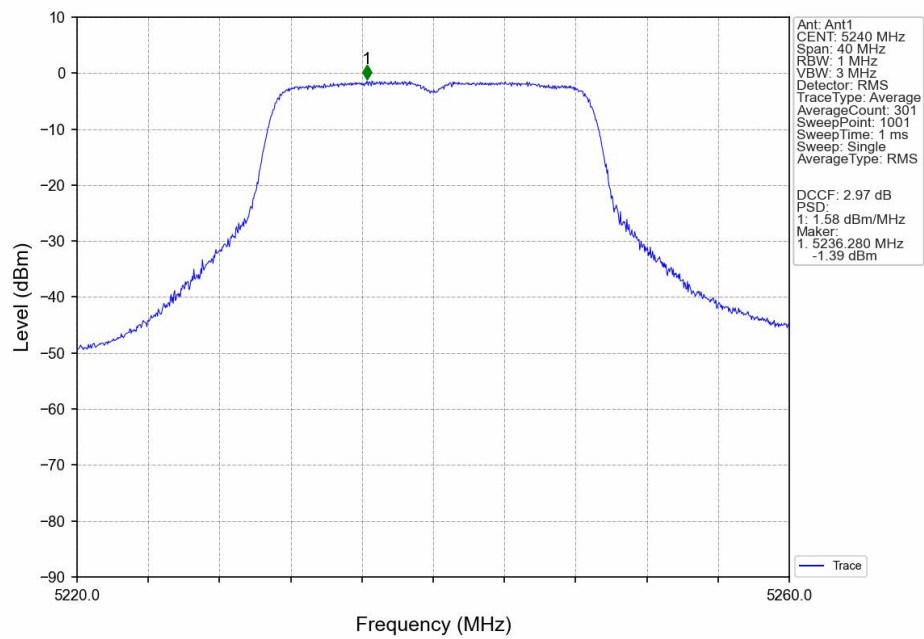
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



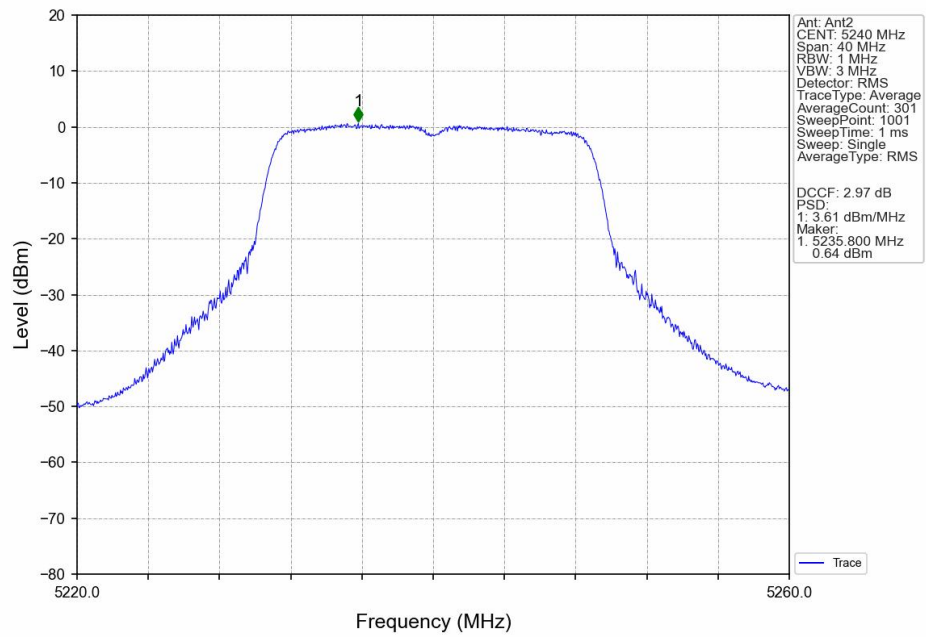
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



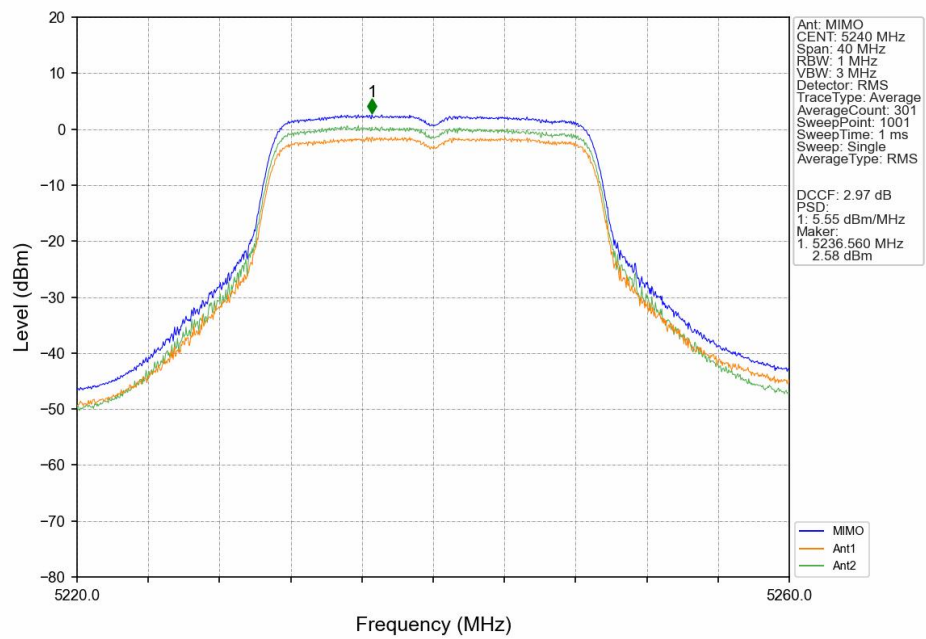
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



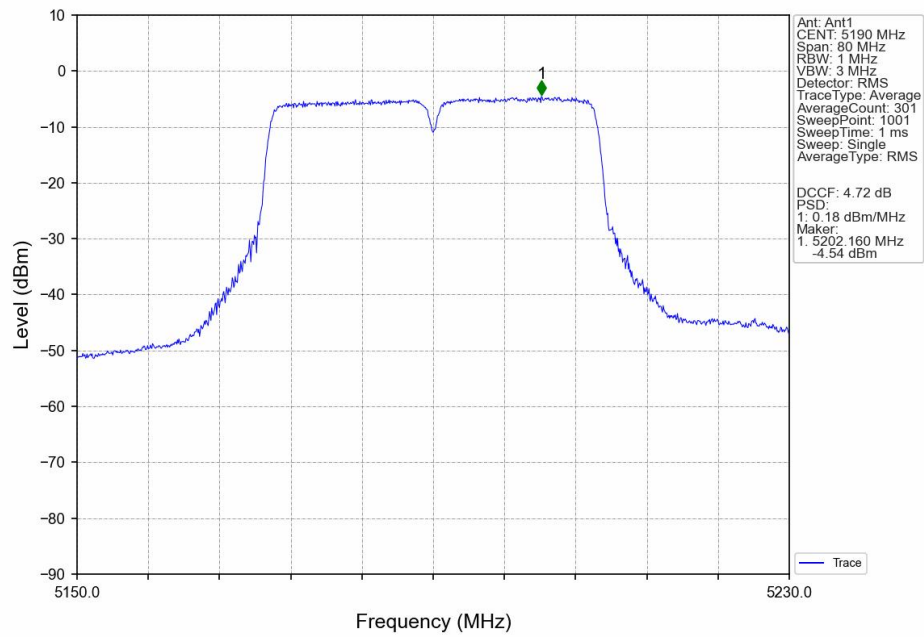
802.11ac(VHT20) HCH 5240MHz Ant2_NTNV



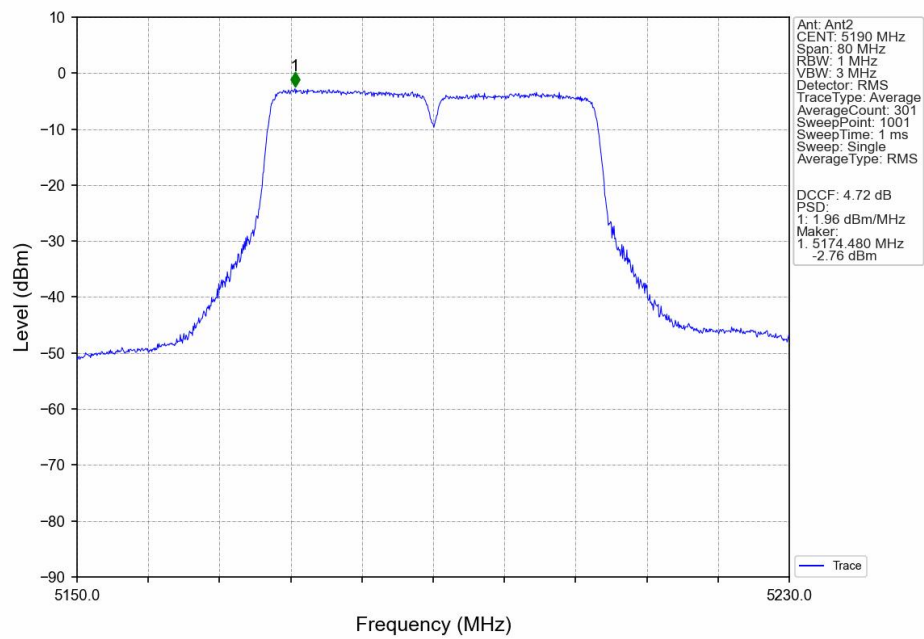
802.11ac(VHT20) HCH 5240MHz MIMO_NTNV



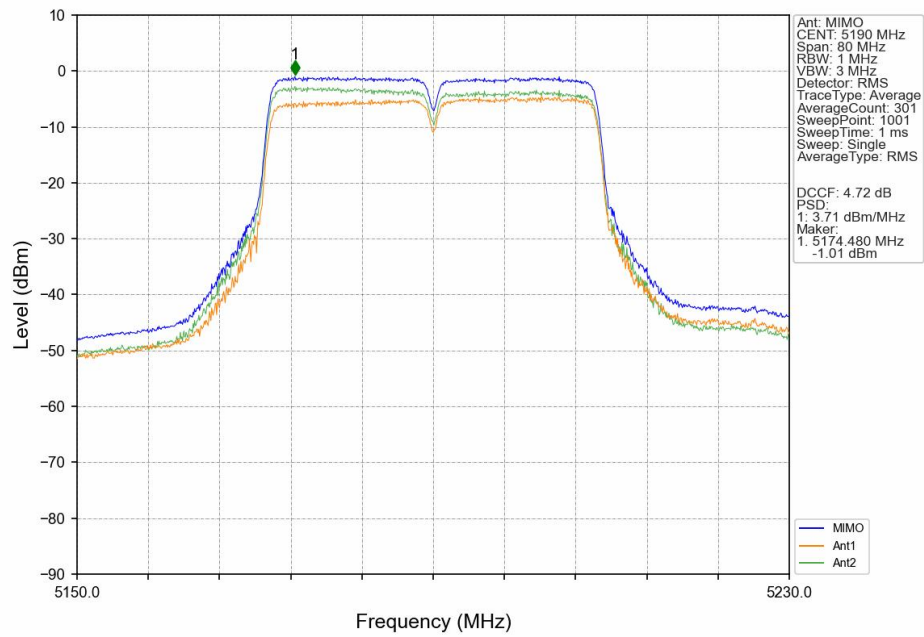
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



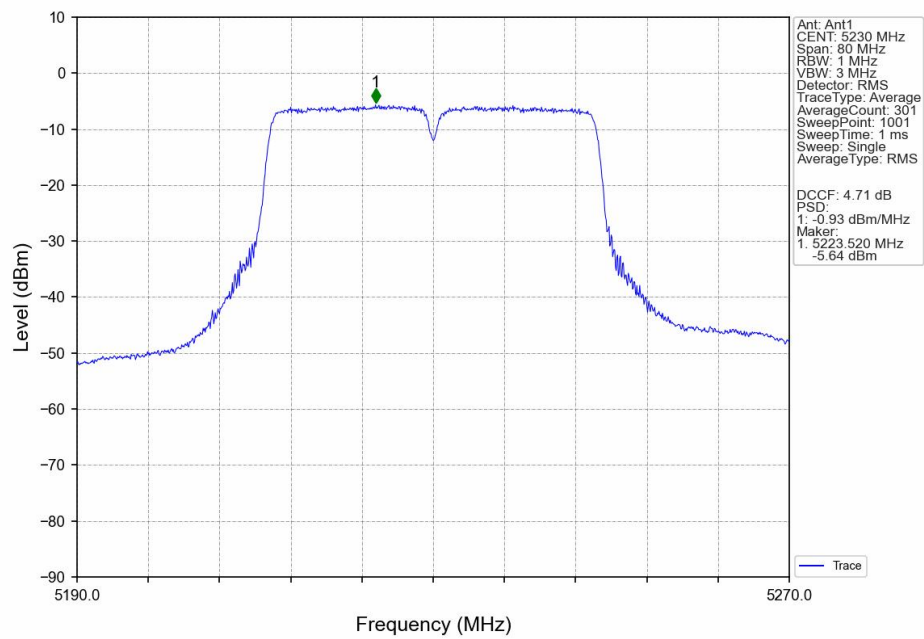
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



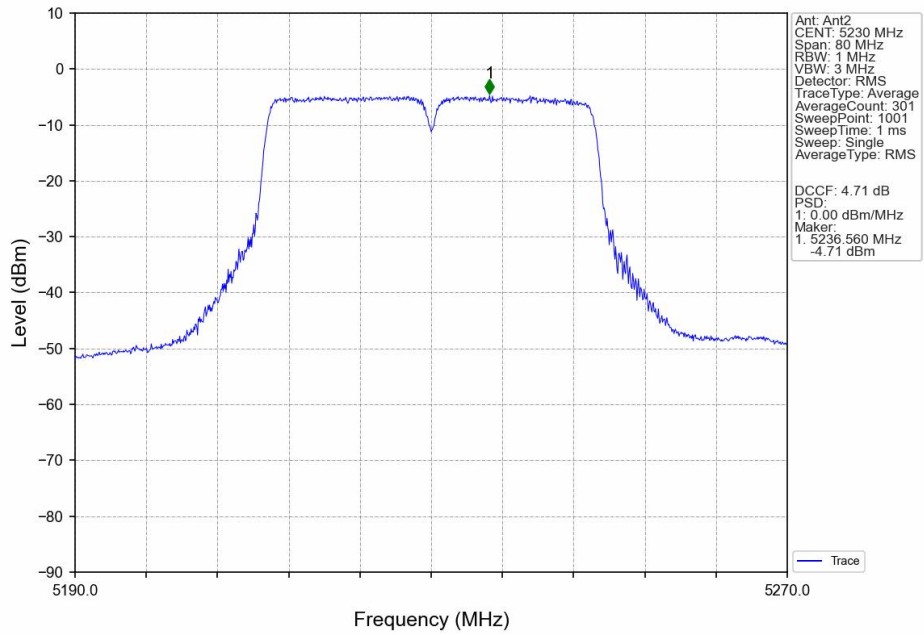
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



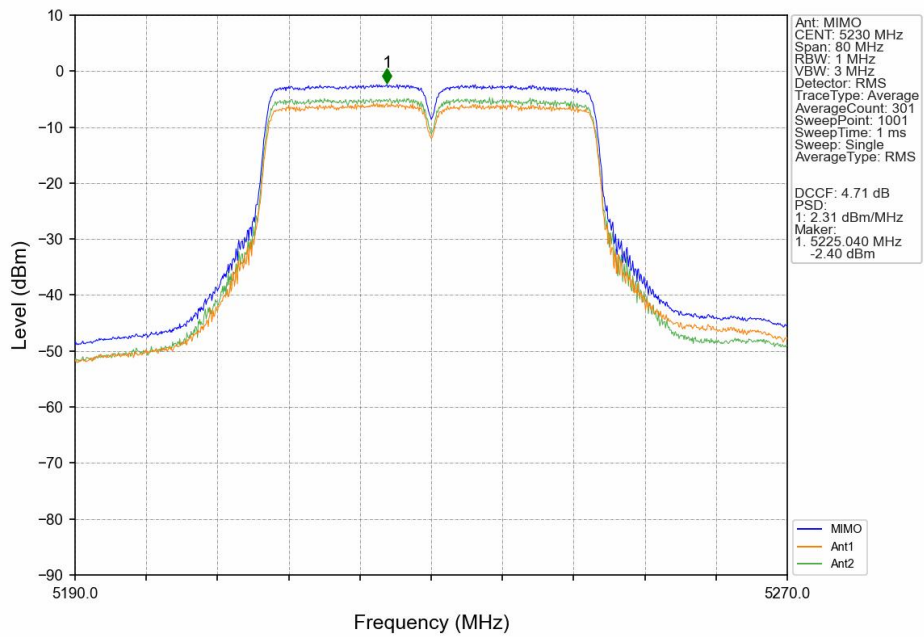
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



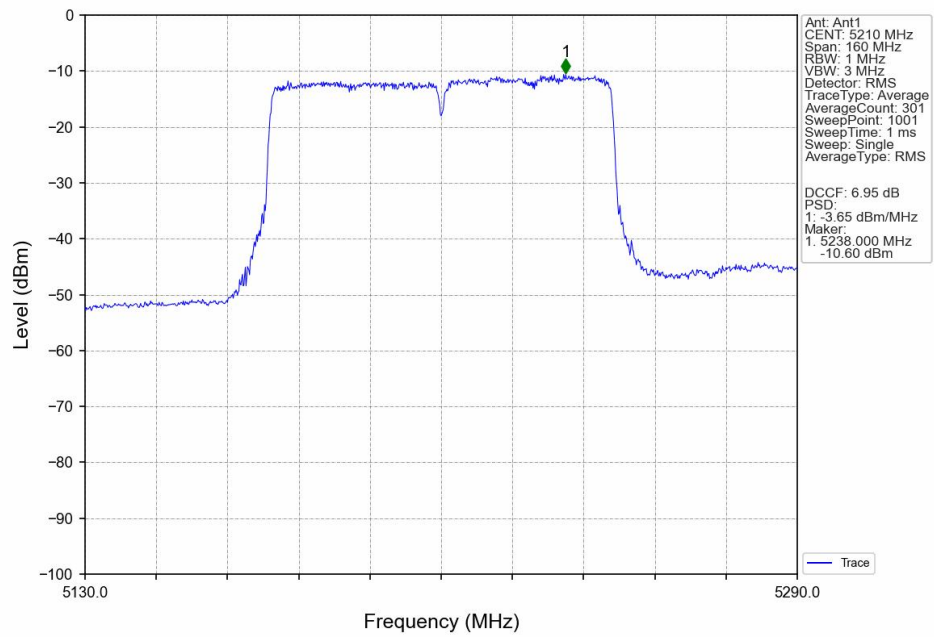
802.11ac(VHT40) HCH 5230MHz Ant2_NTNV



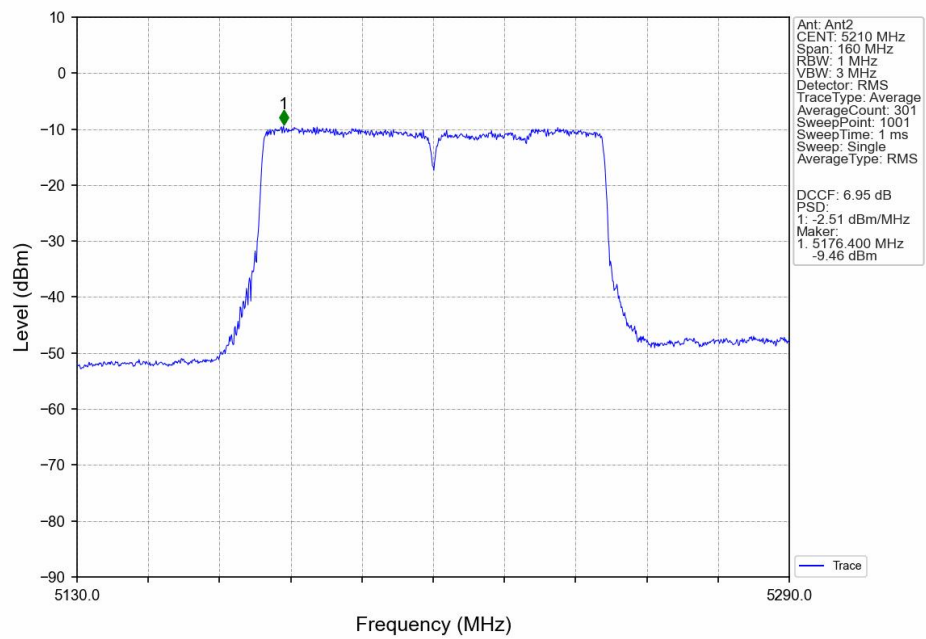
802.11ac(VHT40) HCH 5230MHz MIMO_NTNV



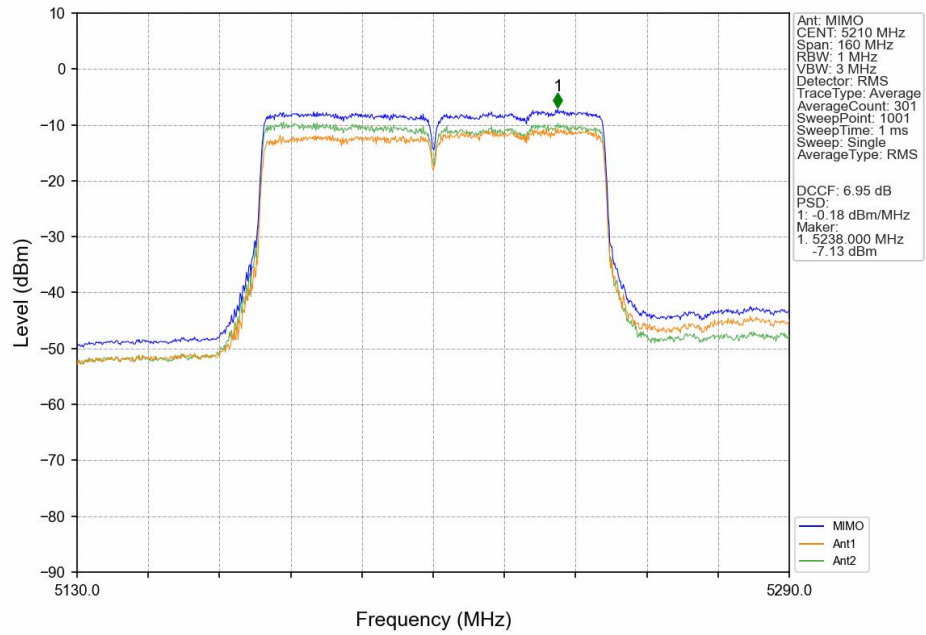
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



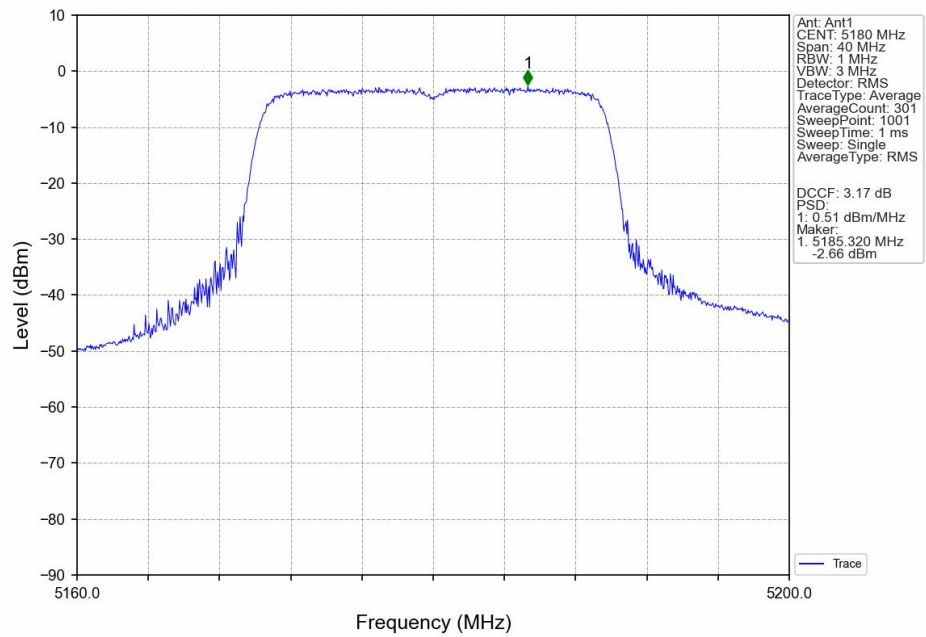
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



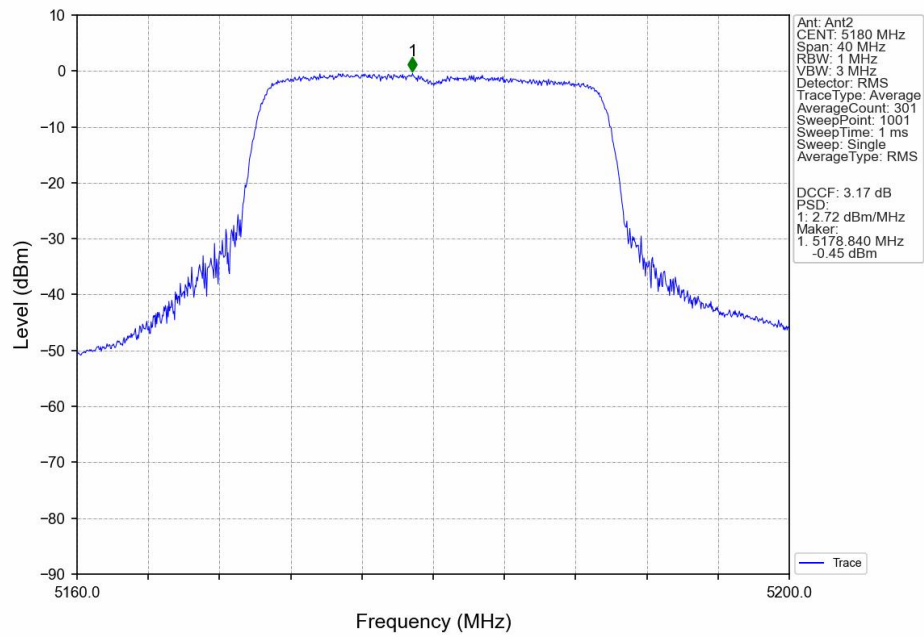
802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



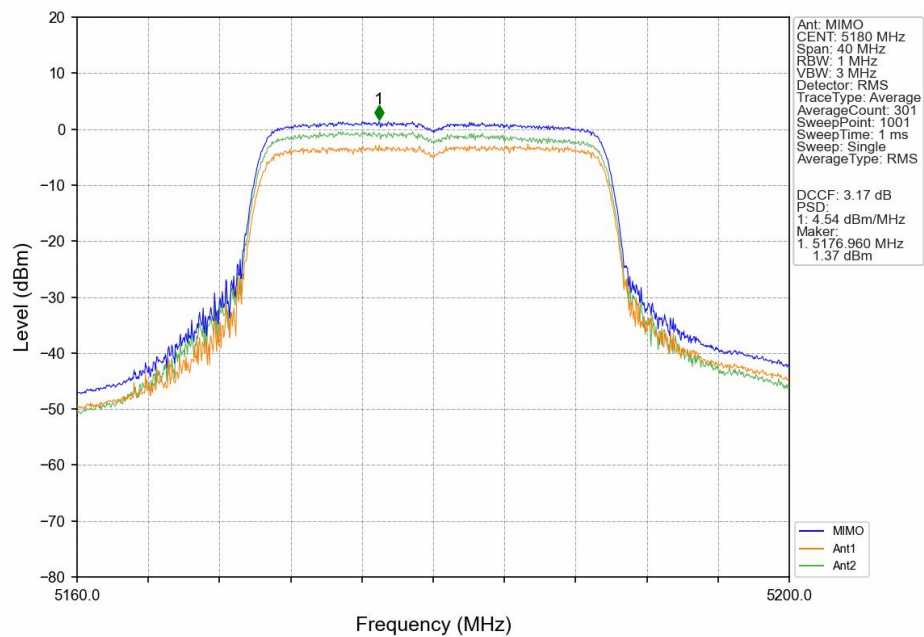
802.11ax(HEW20)_LCH_5180MHz_SU / Ant1_NTNV



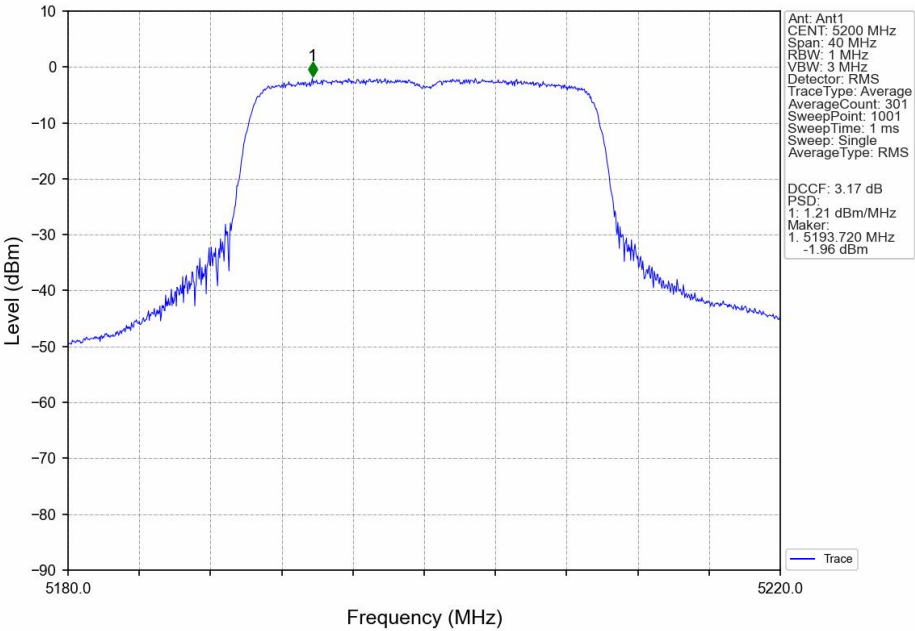
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



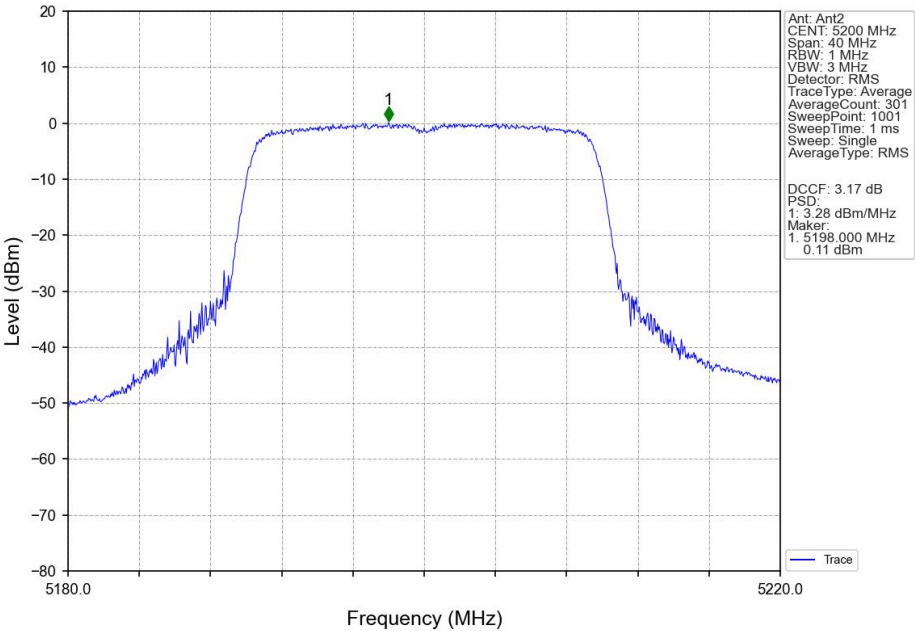
802.11ax(HEW20)_LCH_5180MHz_SU_/_MIMO_NTNV



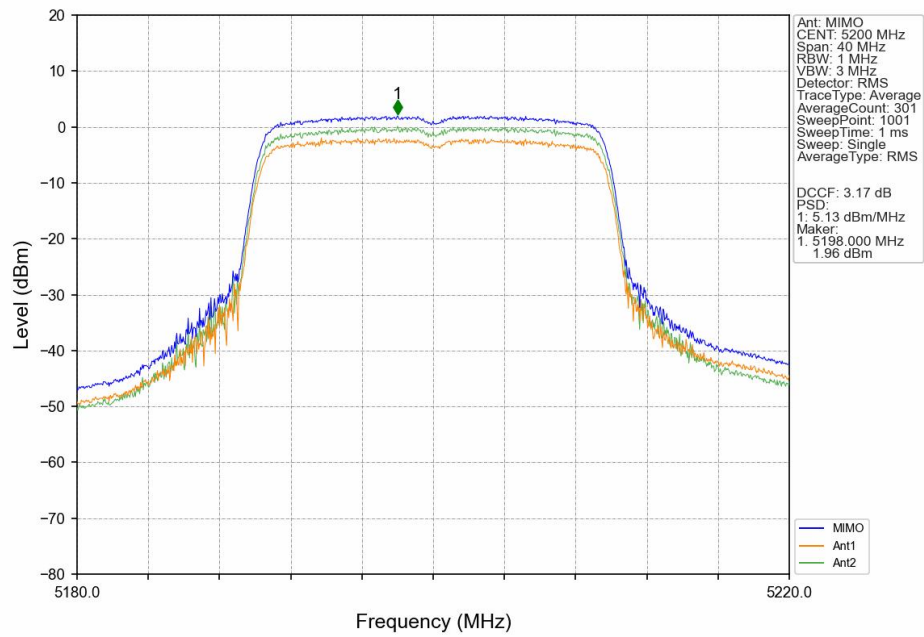
802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant2_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_/_MIMO_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV

