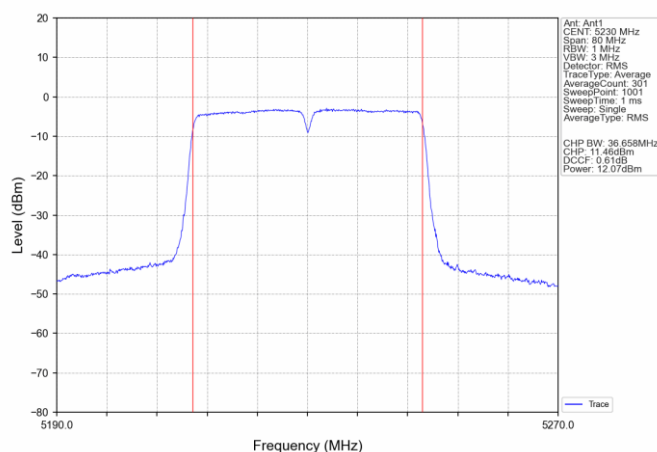
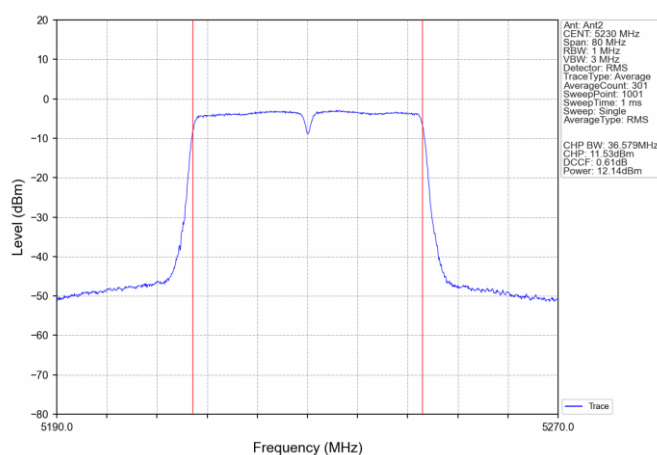




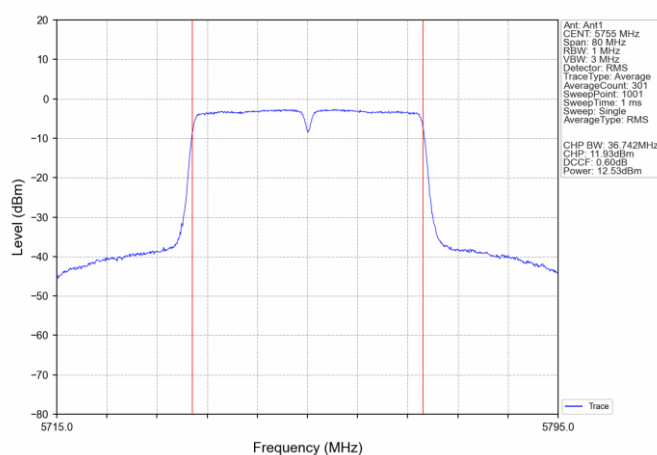
802.11ax(HEW40) HCH 5230MHz SU_ / Ant1_NTNV



802.11ax(HEW40) HCH 5230MHz SU_ / Ant2_NTNV

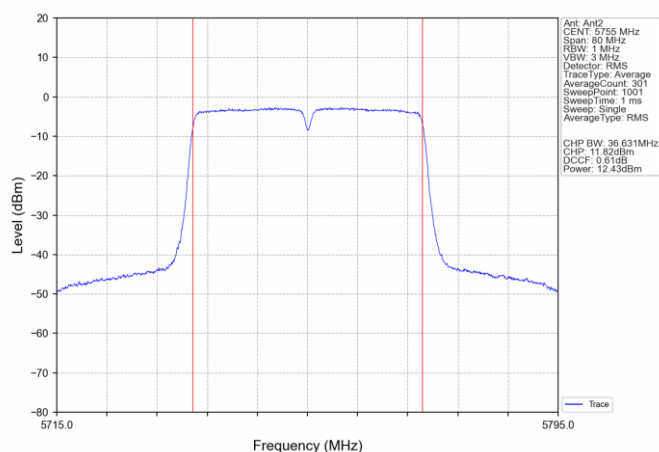


802.11ax(HEW40) LCH 5755MHz SU_ / Ant1_NTNV

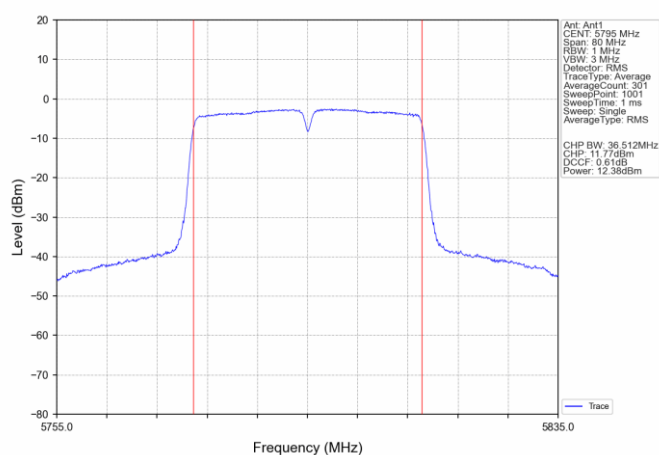




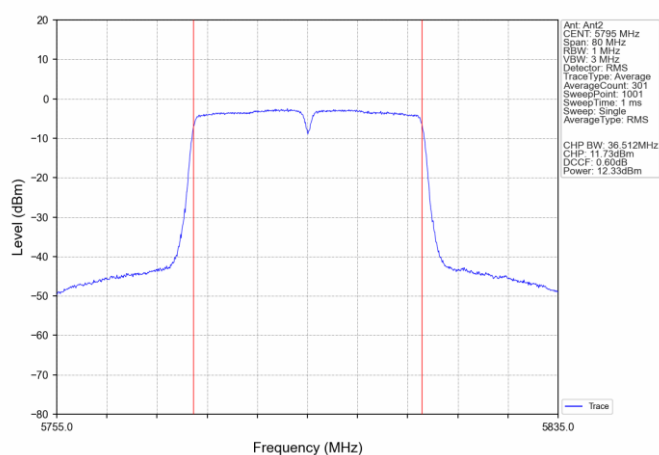
802.11ax(HEW40) LCH 5755MHz SU / Ant2_NTNV



802.11ax(HEW40) HCH 5795MHz SU / Ant1_NTNV

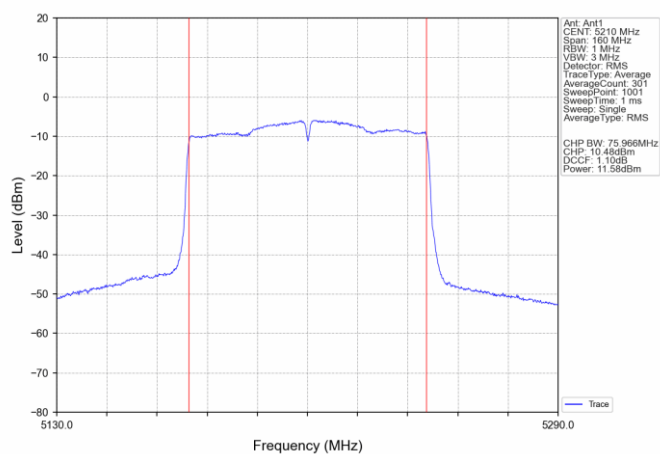


802.11ax(HEW40) HCH 5795MHz SU / Ant2_NTNV

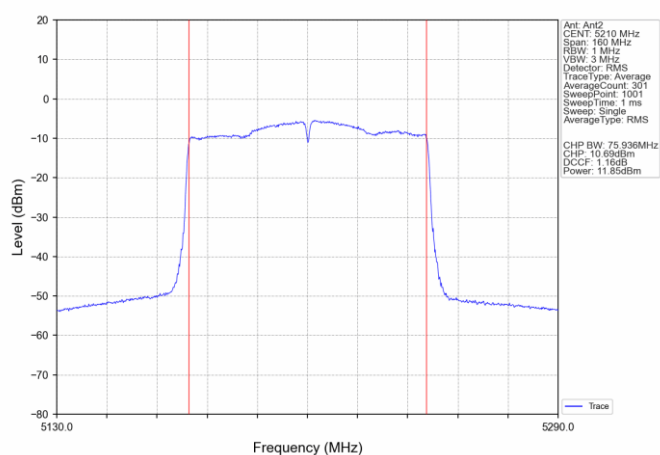




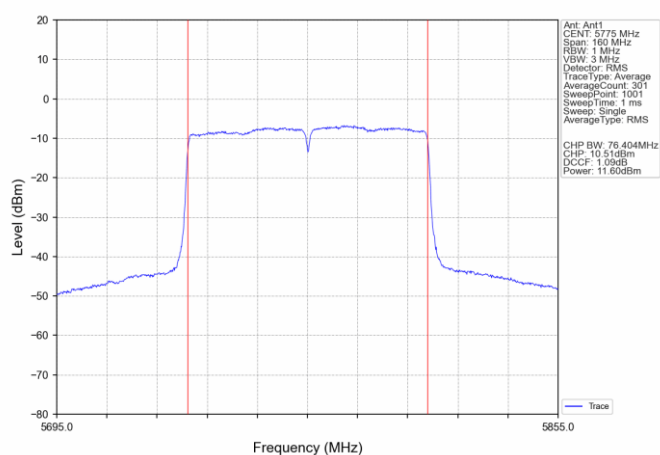
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV

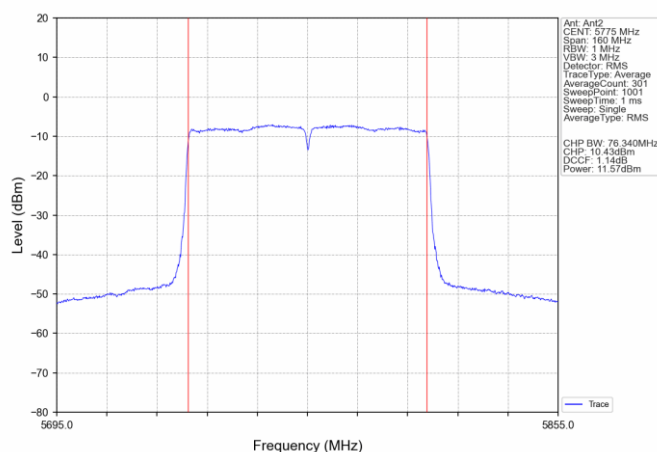


802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant1_NTNV

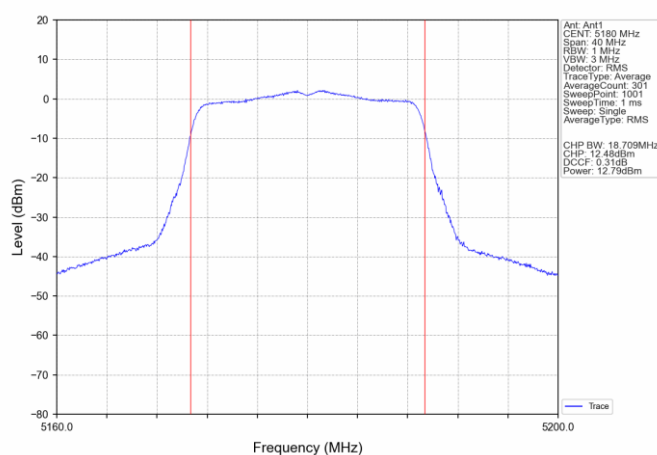




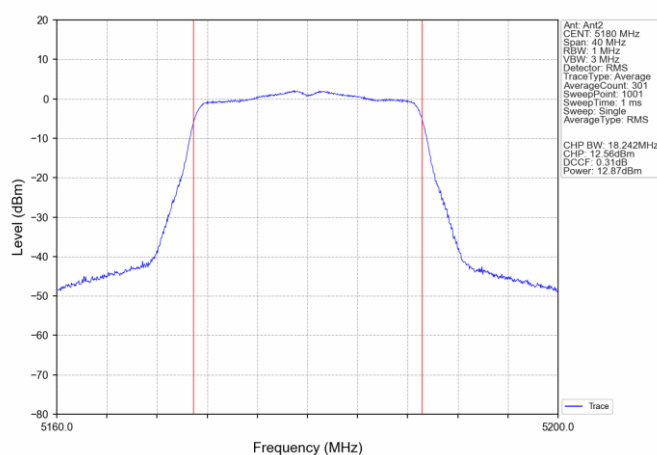
802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV

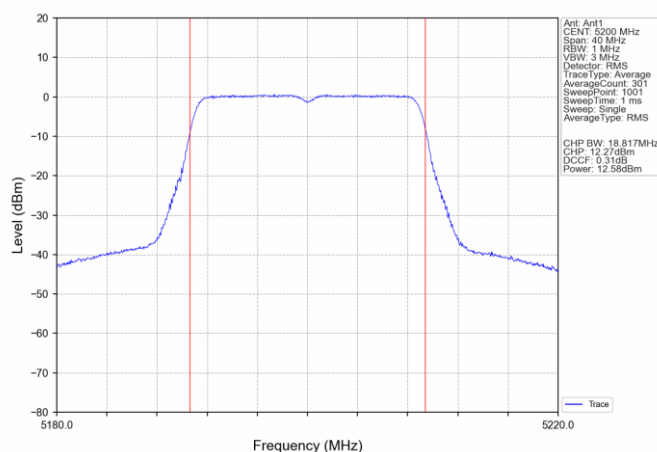


802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV

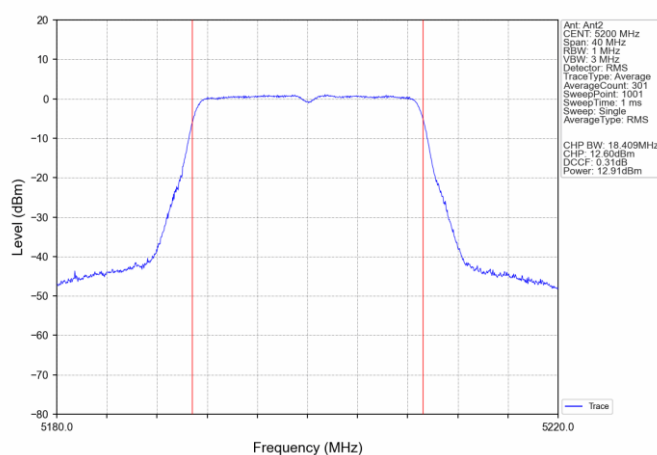




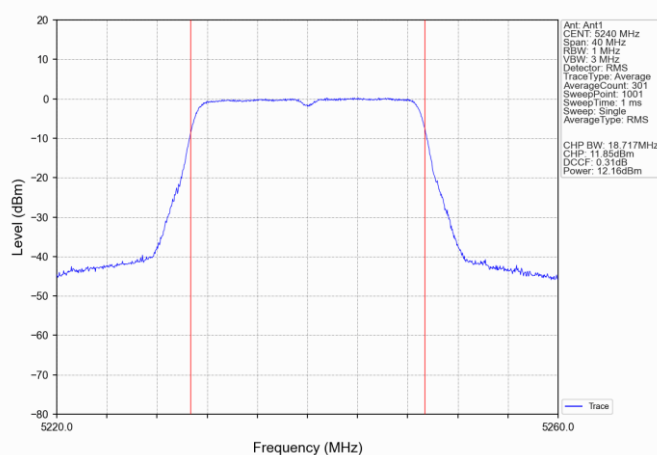
802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant2_NTNV

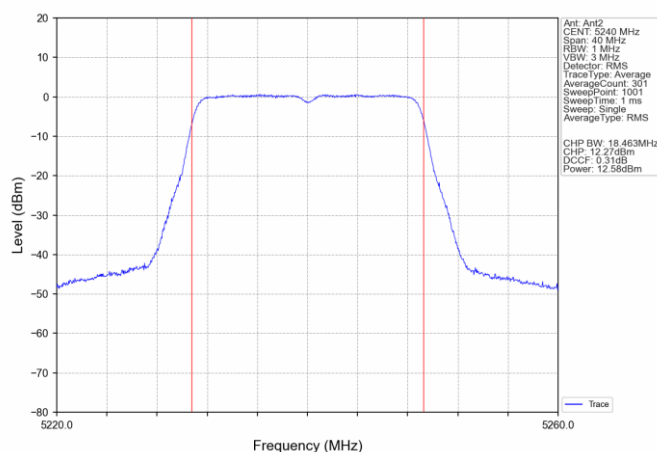


802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV

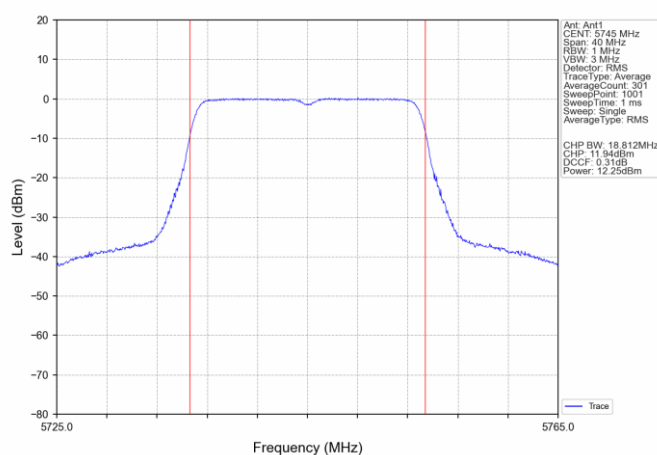




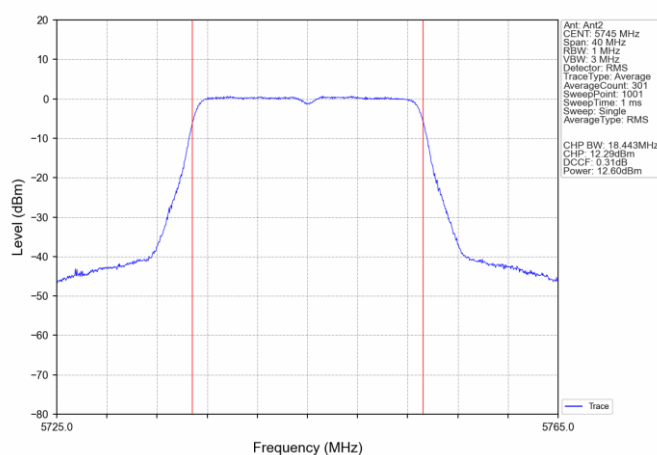
802.11ax(HEW20) HCH 5240MHz SU_ / _Ant2_NTNV



802.11ax(HEW20) LCH 5745MHz SU_ / _Ant1_NTNV

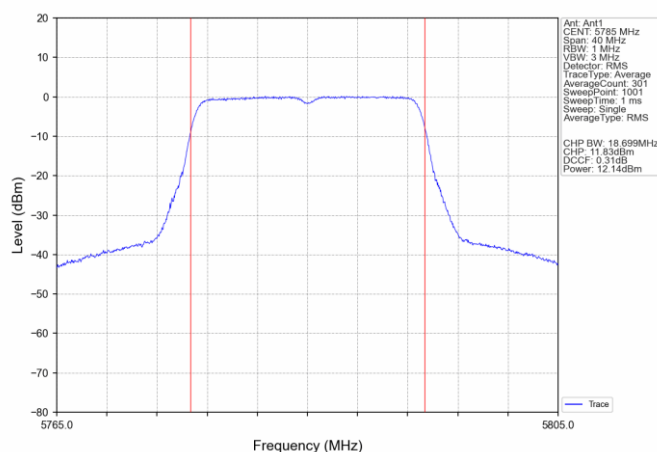


802.11ax(HEW20) LCH 5745MHz SU_ / _Ant2_NTNV

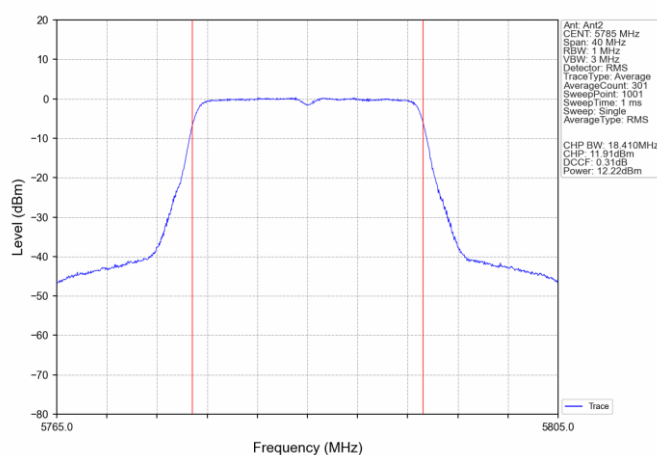




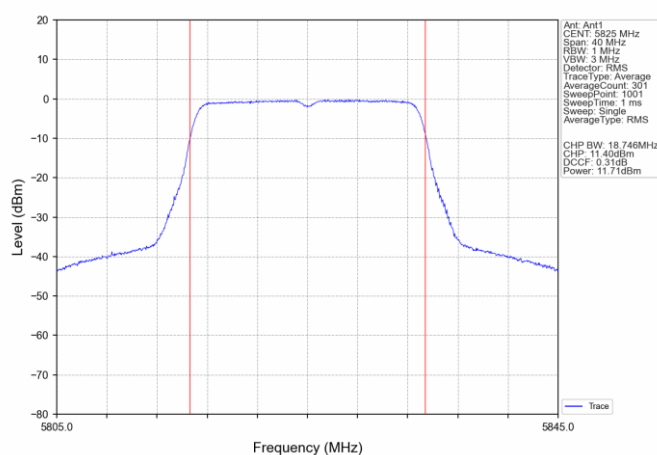
802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant1_NTNV



802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant2_NTNV

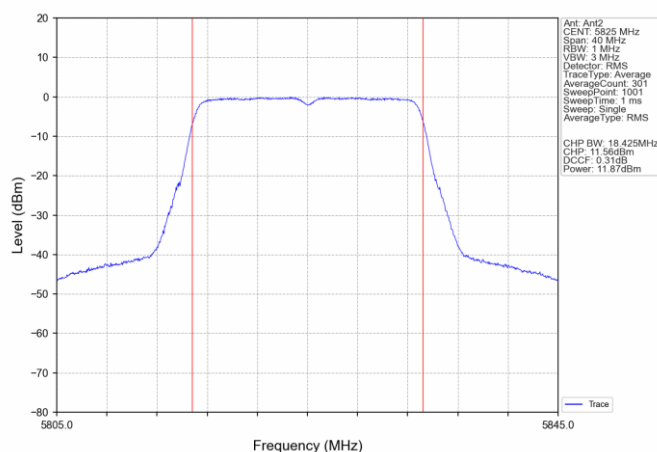


802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant1_NTNV

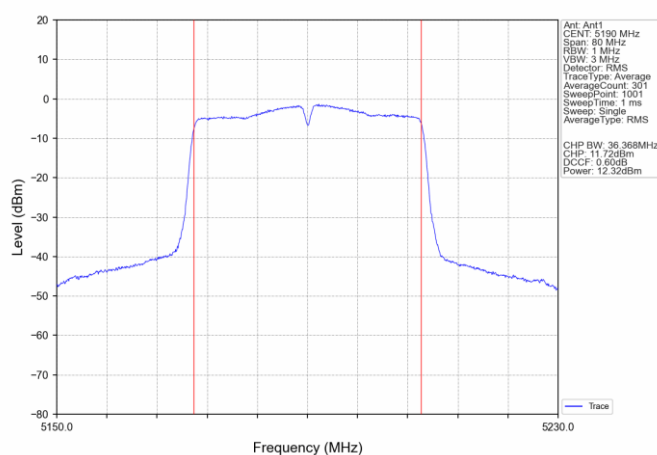




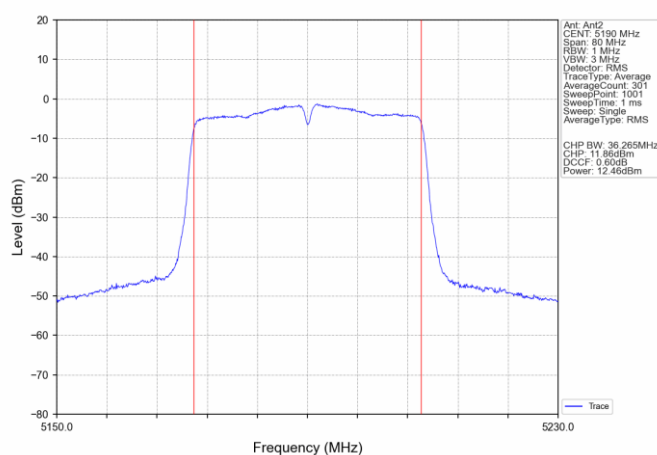
802.11ax(HEW20) HCH 5825MHz SU_ / Ant2_NTNV



802.11ax(HEW40) LCH 5190MHz SU_ / Ant1_NTNV

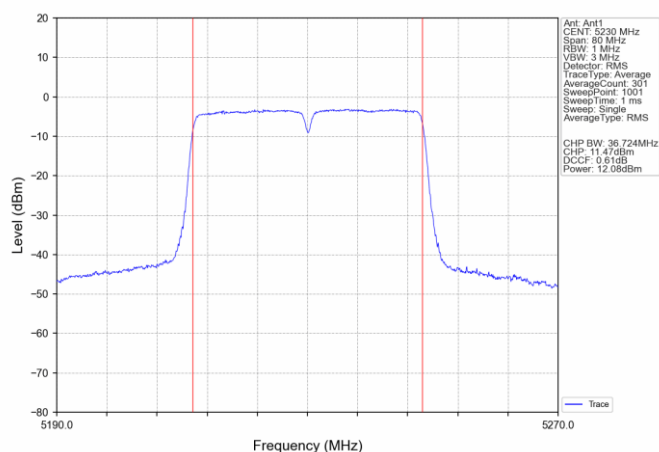


802.11ax(HEW40) LCH 5190MHz SU_ / Ant2_NTNV

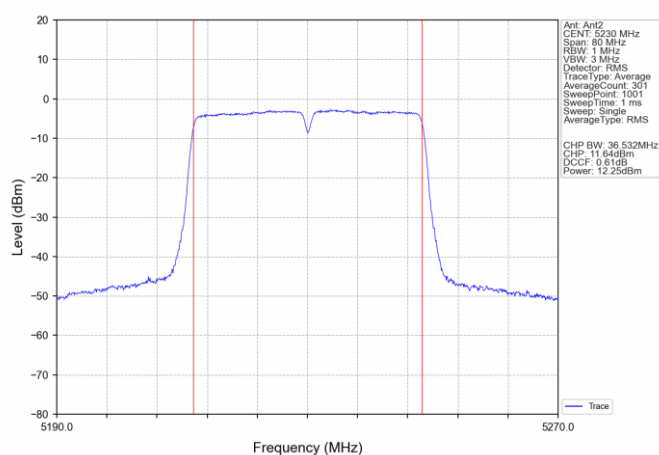




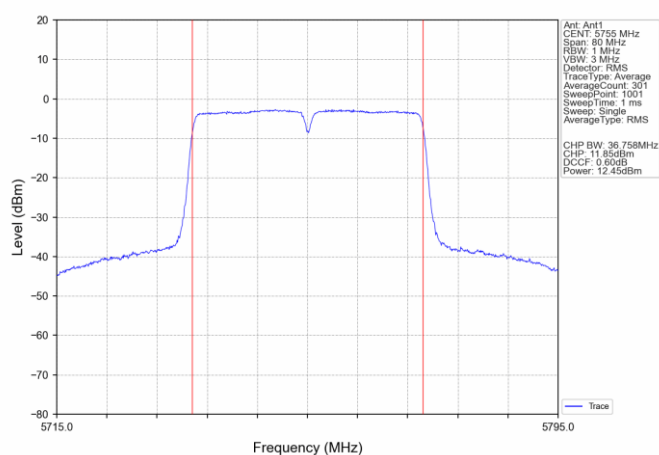
802.11ax(HEW40) HCH 5230MHz SU_ / Ant1_NTNV



802.11ax(HEW40) HCH 5230MHz SU_ / Ant2_NTNV

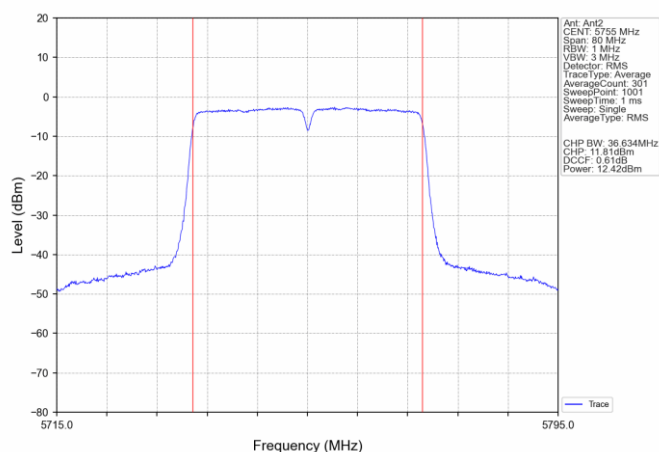


802.11ax(HEW40) LCH 5755MHz SU_ / Ant1_NTNV

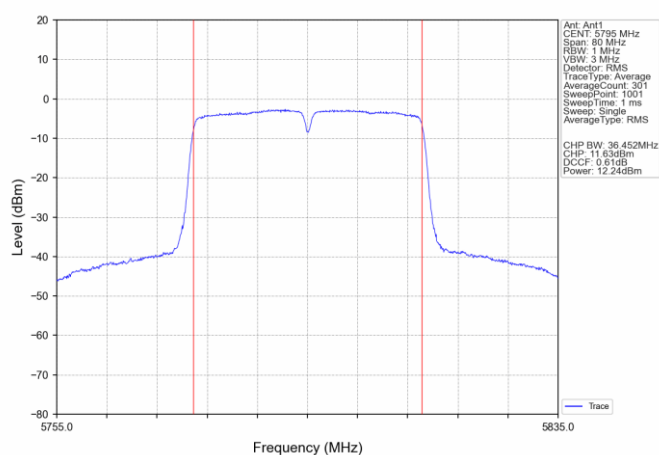




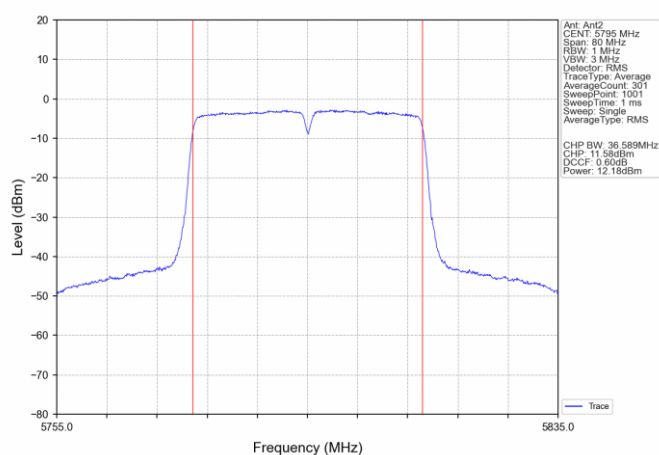
802.11ax(HEW40) LCH 5755MHz SU / Ant2_NTNV



802.11ax(HEW40) HCH 5795MHz SU / Ant1_NTNV

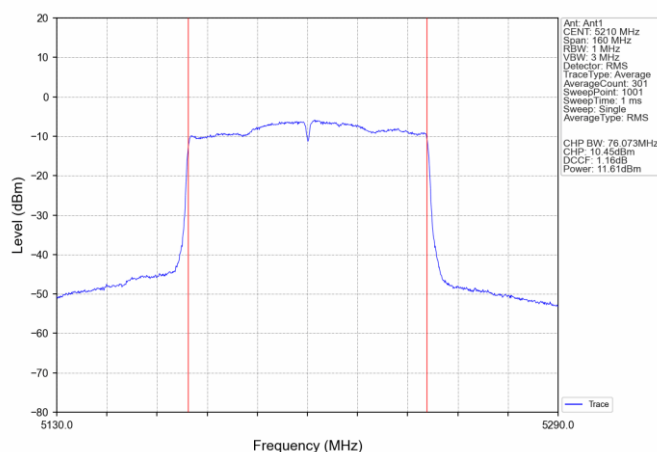


802.11ax(HEW40) HCH 5795MHz SU / Ant2_NTNV

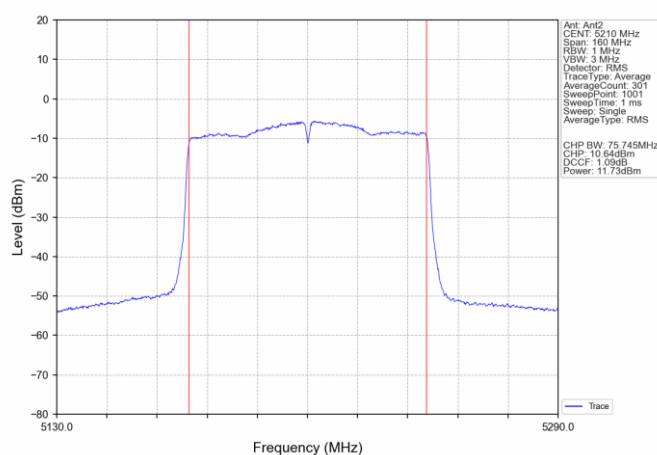




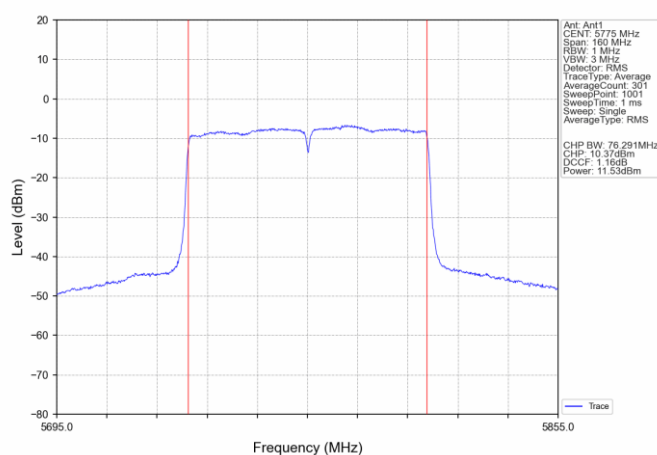
802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant2_NTNV

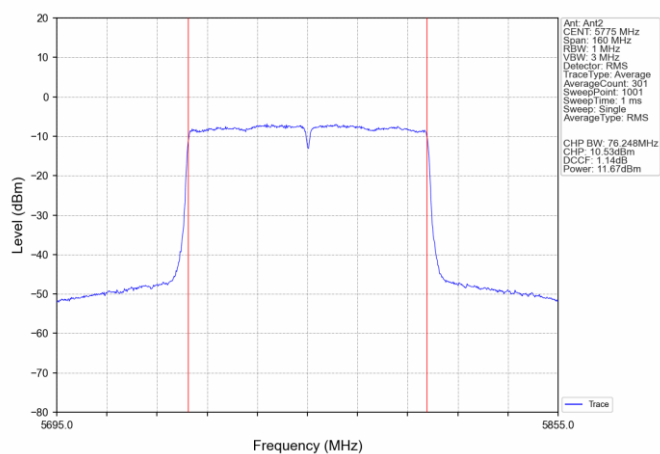


802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_NTNV





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	/	/	3.99	3.85	/	<=11	Pass
		5200	/	/	2.41	2.74	/	<=11	Pass
		5240	/	/	2.18	2.51	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	2.22	2.52	/	<=11	Pass
		5200	/	/	0.99	1.13	/	<=11	Pass
		5240	/	/	0.64	0.86	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-0.79	-0.93	/	<=11	Pass
		5230	/	/	-2.47	-2.32	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	2.62	2.53	5.44	<=11	Pass
		5200	/	/	0.89	1.34	3.94	<=11	Pass
		5240	/	/	0.61	0.97	3.68	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-0.69	-0.90	2.20	<=11	Pass
		5230	/	/	-2.45	-2.19	0.63	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	2.15	2.54	/	<=11	Pass
		5200	/	/	0.92	1.20	/	<=11	Pass
		5240	/	/	0.84	0.93	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-0.71	-0.75	/	<=11	Pass
		5230	/	/	-2.42	-2.19	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-4.27	-4.48	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	2.45	2.58	5.48	<=11	Pass
		5200	/	/	0.95	1.26	3.96	<=11	Pass
		5240	/	/	0.60	0.95	3.64	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-0.82	-0.52	2.29	<=11	Pass
		5230	/	/	-2.48	-2.29	0.52	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.67	-4.37	-1.51	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	2.30	2.55	/	<=11	Pass
		5200	SU	/	0.87	1.27	/	<=11	Pass
		5240	SU	/	0.69	0.95	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-0.72	-0.80	/	<=11	Pass
		5230	SU	/	-2.49	-2.28	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-4.62	-4.36	/	<=11	Pass
802.11ax	MIMO	5180	SU	/	2.41	2.70	5.42	<=11	Pass



(HEW20)		5200	SU	/	0.90	1.39	4.04	<=11	Pass
		5240	SU	/	0.62	1.03	3.73	<=11	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-0.87	-0.64	2.18	<=11	Pass
		5230	SU	/	-2.52	-2.19	0.61	<=11	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-4.68	-4.51	-1.62	<=11	Pass

Note1: Antenna Gain:

Ant1: 1.67dBi;

Ant2: 2.71dBi;

Note2: Directional Gain: 5.22dBi

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	/	/	-0.82	-0.62	/	<=30	Pass
		5785	/	/	-0.82	-0.73	/	<=30	Pass
		5825	/	/	-1.22	-1.12	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-2.35	-2.06	/	<=30	Pass
		5785	/	/	-2.41	-2.29	/	<=30	Pass
		5825	/	/	-2.76	-2.73	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-4.80	-4.89	/	<=30	Pass
		5795	/	/	-4.79	-5.03	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-2.41	-1.66	0.97	<=30	Pass
		5785	/	/	-2.35	-1.98	0.69	<=30	Pass
		5825	/	/	-2.76	-2.65	0.23	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-4.70	-4.79	-1.91	<=30	Pass
		5795	/	/	-4.62	-5.02	-1.86	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-1.85	-1.90	/	<=30	Pass
		5785	/	/	-2.35	-2.30	/	<=30	Pass
		5825	/	/	-2.84	-2.53	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-4.59	-5.00	/	<=30	Pass
		5795	/	/	-4.73	-5.16	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-8.21	-8.72	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-2.27	-1.82	0.80	<=30	Pass
		5785	/	/	-2.42	-1.98	0.72	<=30	Pass
		5825	/	/	-2.66	-2.21	0.34	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-4.82	-4.87	-2.03	<=30	Pass
		5795	/	/	-4.95	-4.93	-1.98	<=30	Pass
802.11ac	MIMO	5775	/	/	-8.48	-8.37	-5.56	<=30	Pass



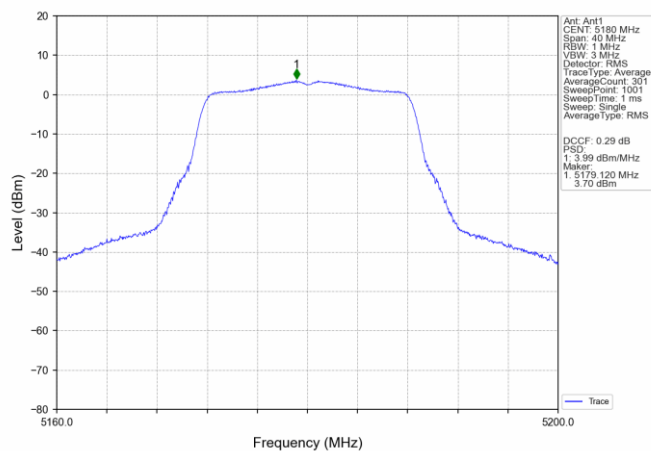
(VHT80)									
802.11ax (HEW20)	SISO	5745	SU	/	-2.33	-2.08	/	<=30	Pass
		5785	SU	/	-2.26	-2.22	/	<=30	Pass
		5825	SU	/	-2.63	-2.63	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-4.80	-4.96	/	<=30	Pass
		5795	SU	/	-4.68	-4.60	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-8.51	-8.46	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-2.37	-1.68	0.98	<=30	Pass
		5785	SU	/	-2.39	-2.00	0.72	<=30	Pass
		5825	SU	/	-2.88	-2.37	0.18	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-4.84	-4.88	-1.97	<=30	Pass
		5795	SU	/	-4.63	-4.82	-1.96	<=30	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-8.65	-8.30	-5.63	<=30	Pass
Note1: Antenna Gain: Ant1: 1.67dBi; Ant2: 2.71dBi; Note2: Directional Gain: 5.22dBi									



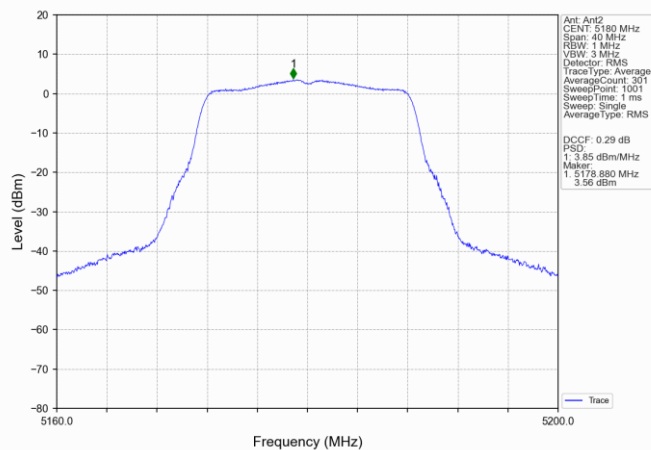
4.2 Test Graph

4.2.1 PSD

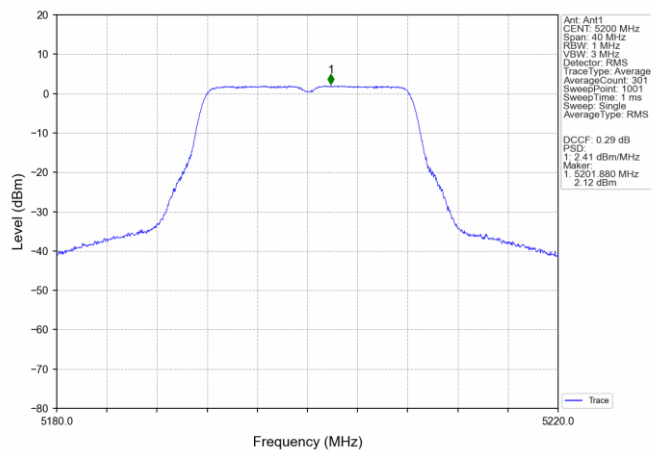
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

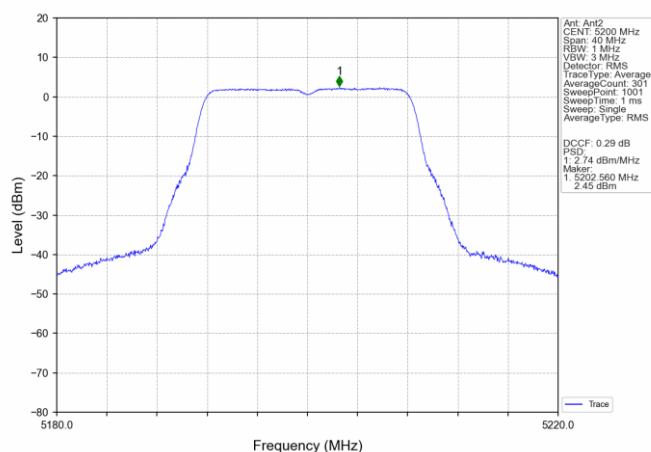


802.11a_MCH_5200MHz_Ant1_NTNV

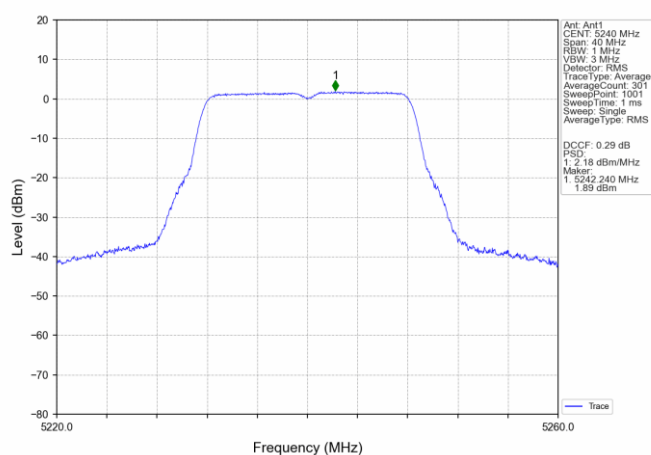




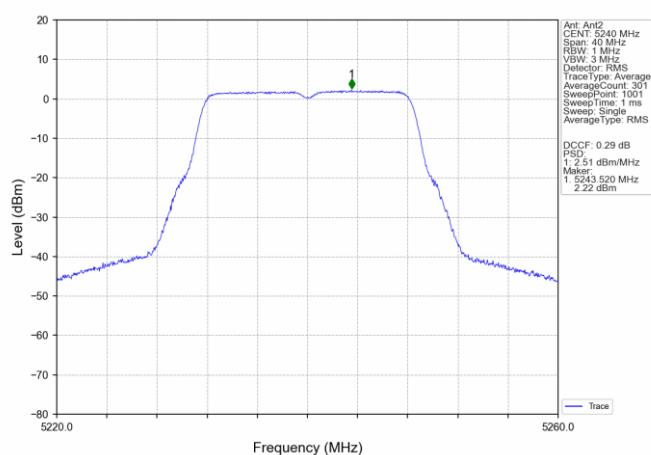
802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

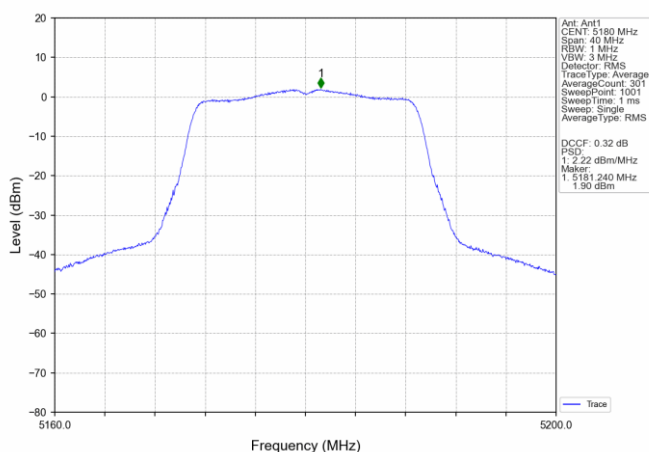


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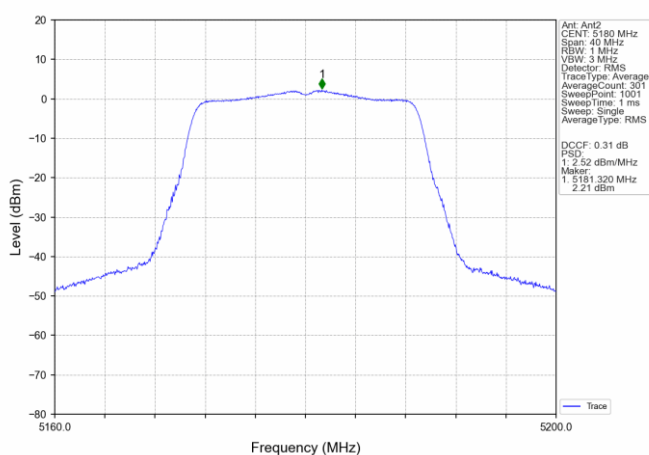




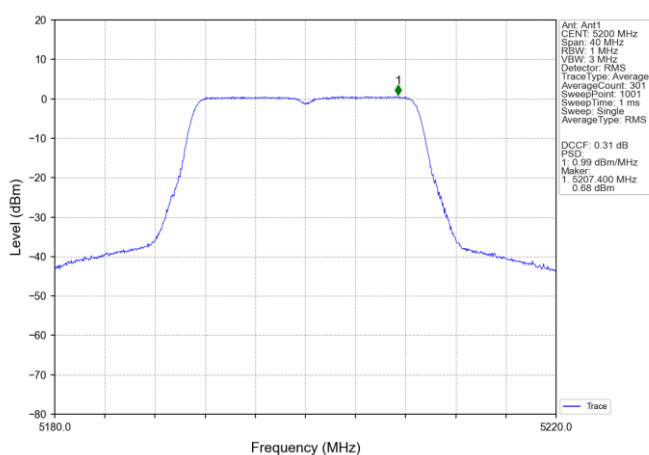
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

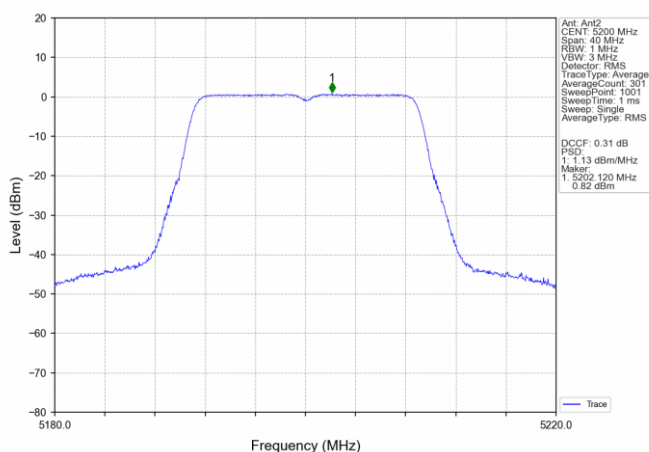


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

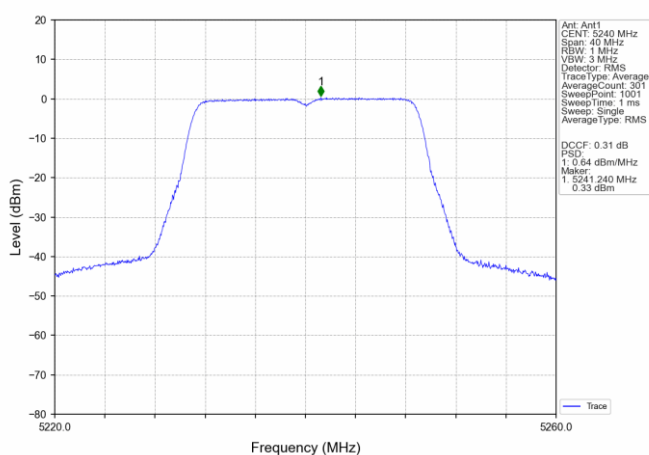




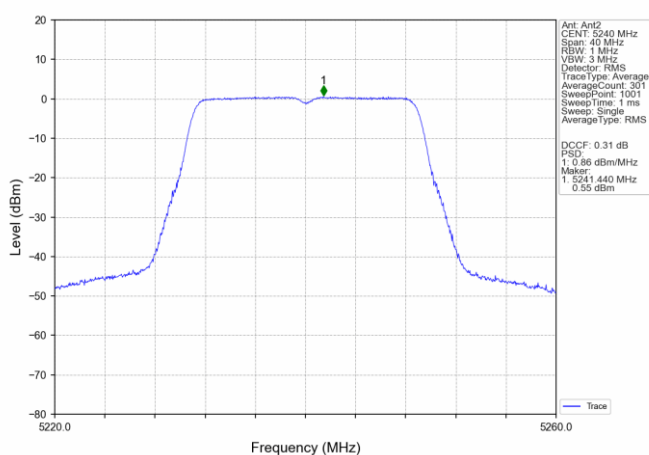
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

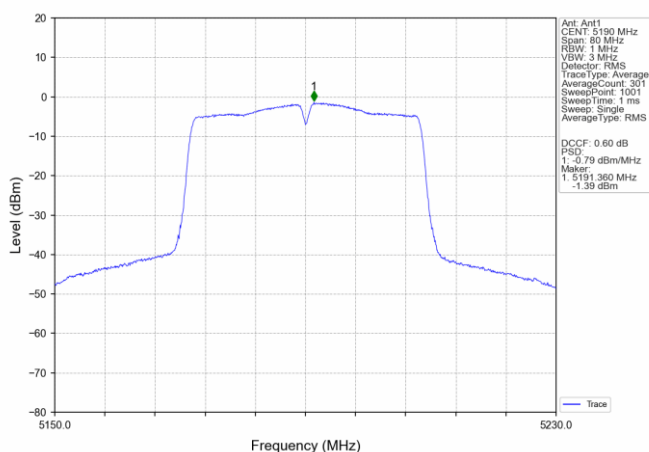


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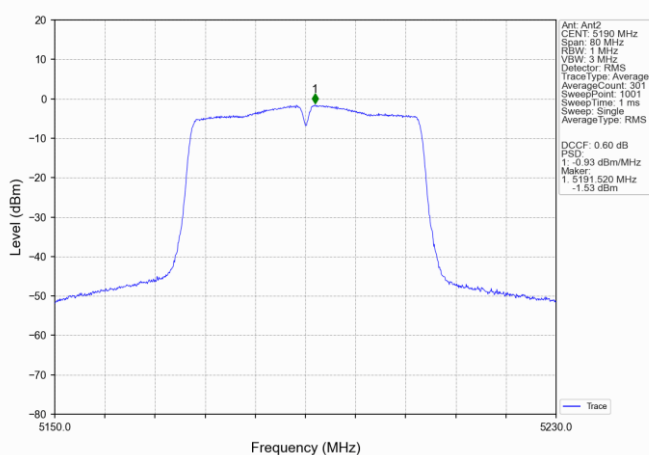




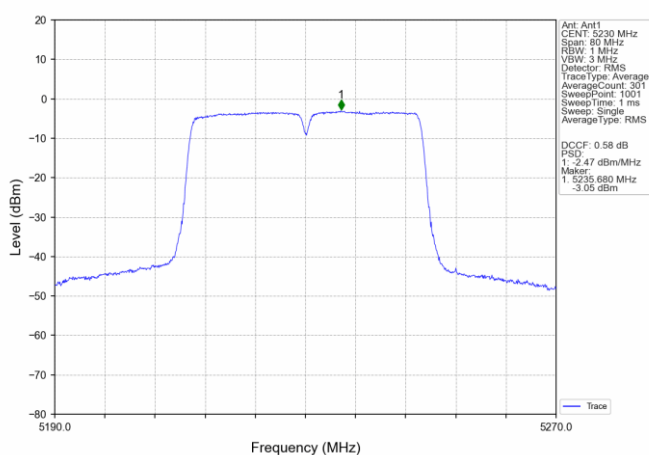
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

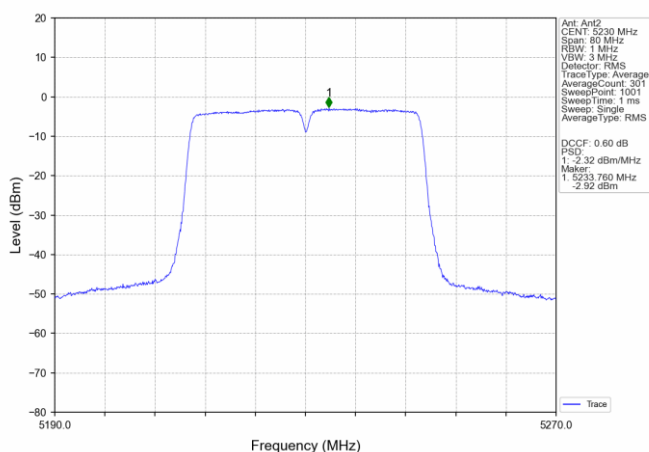


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

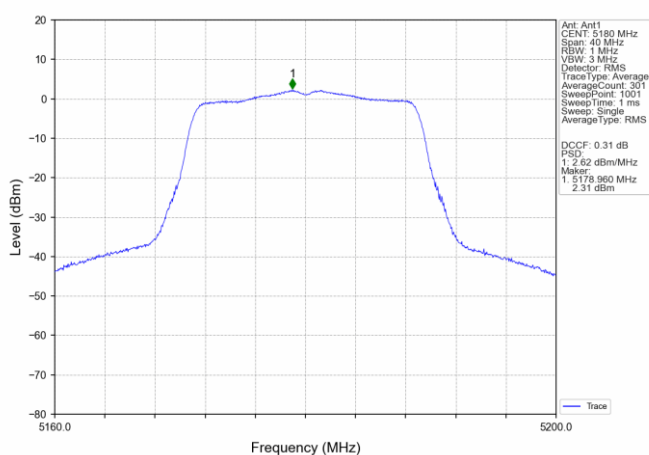




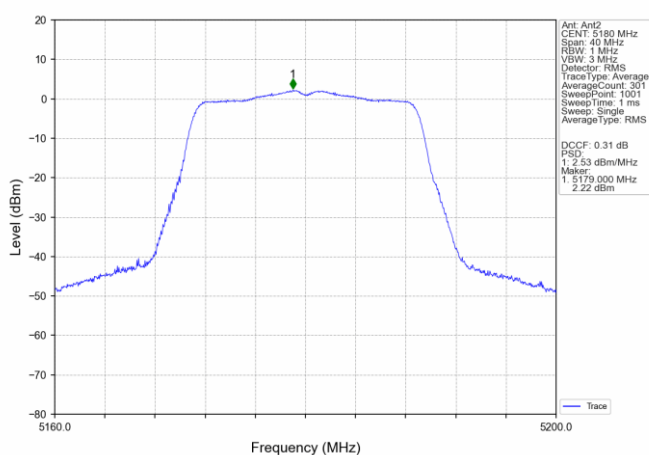
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

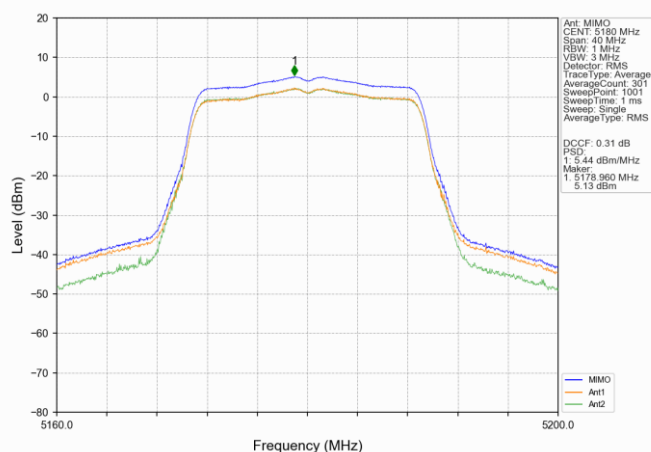


802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

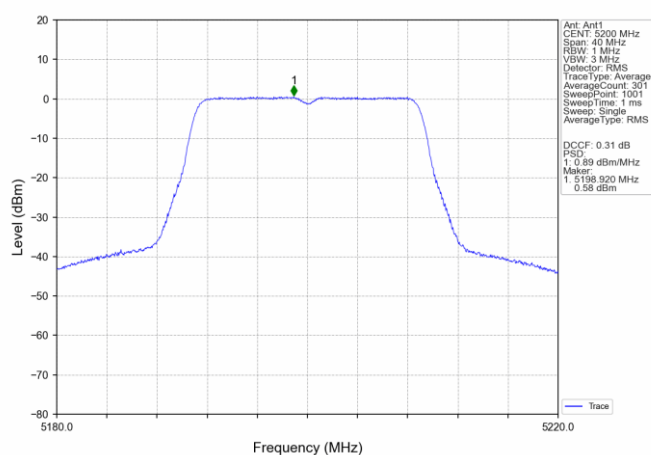




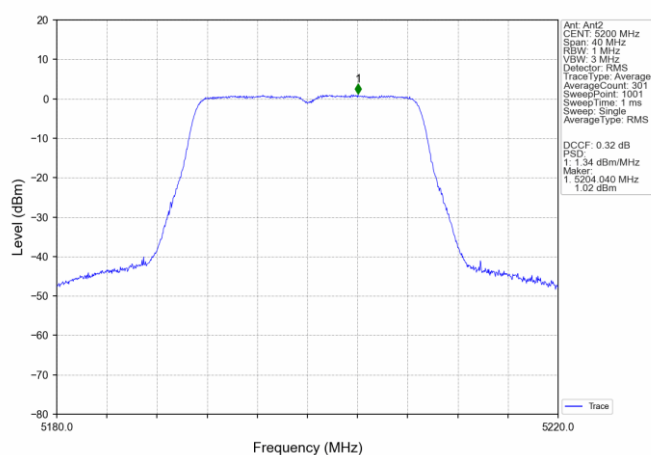
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

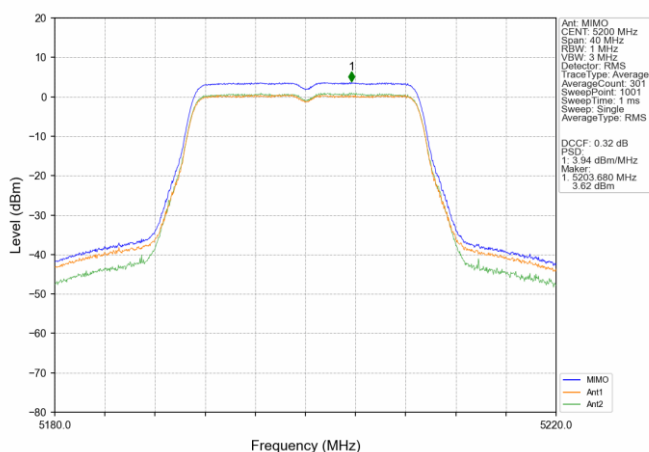


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

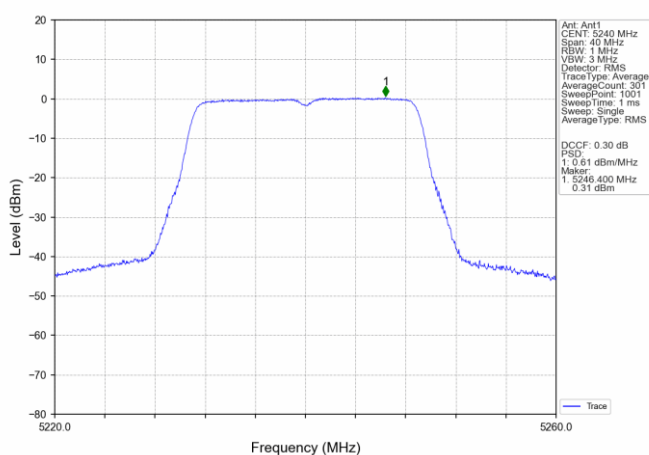




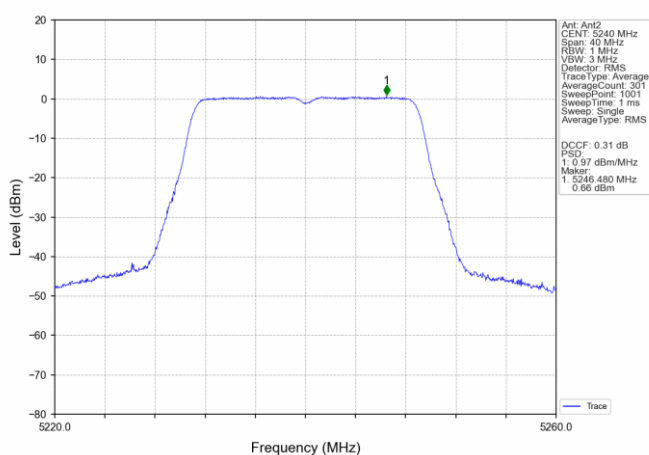
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

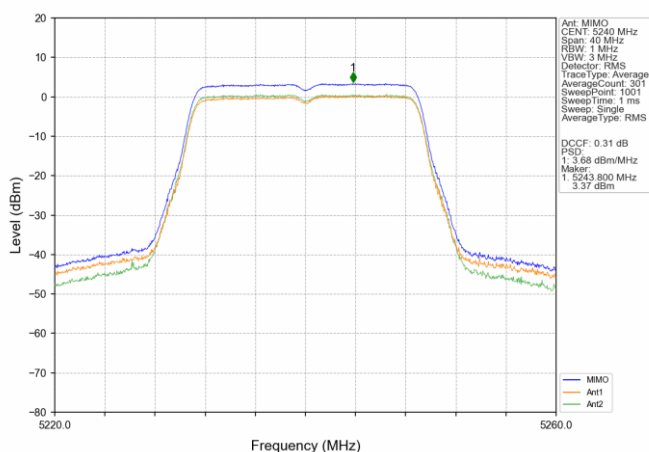


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

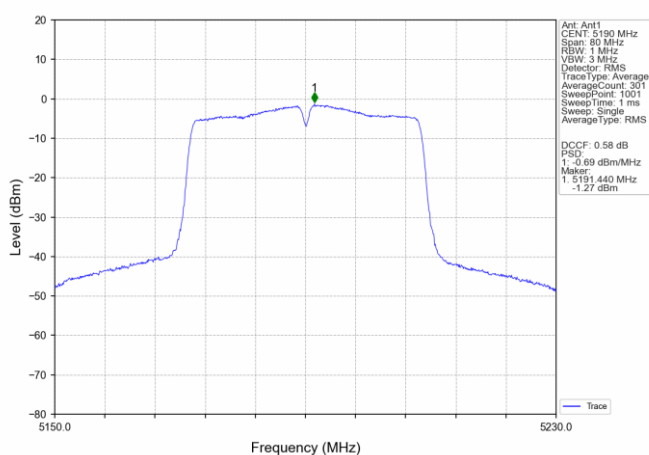




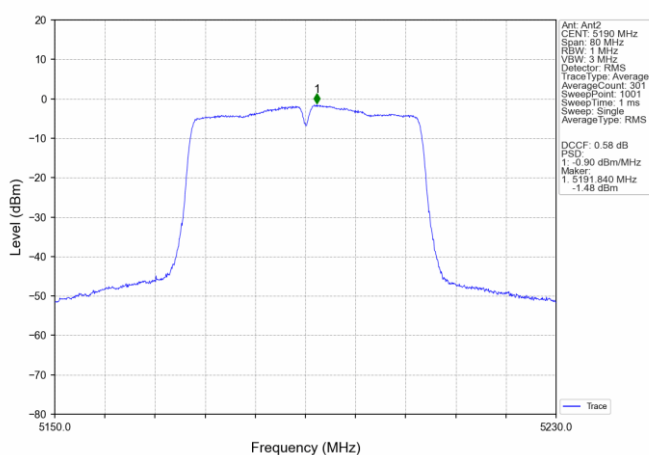
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

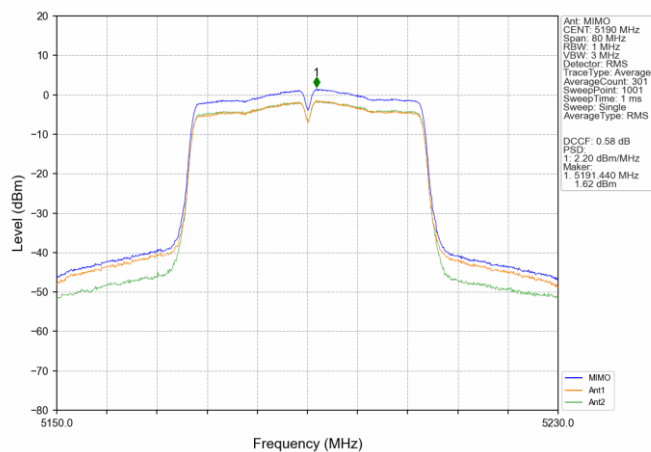


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

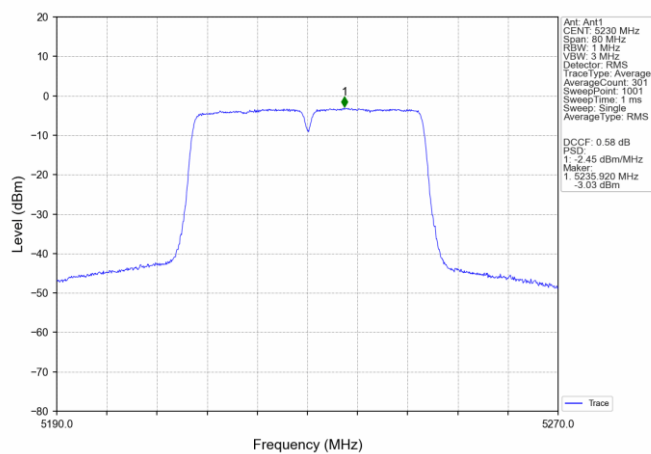




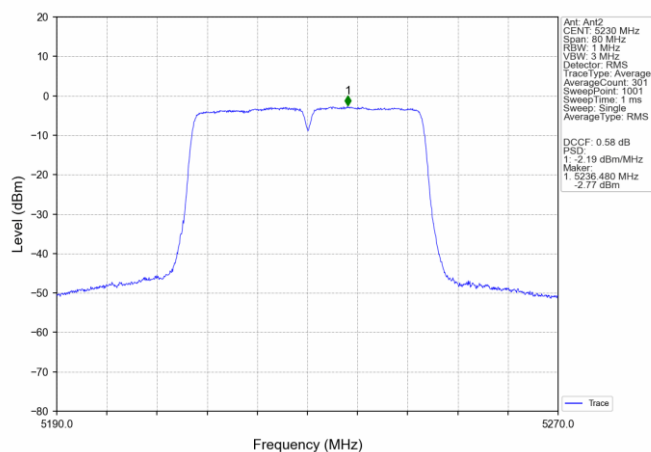
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

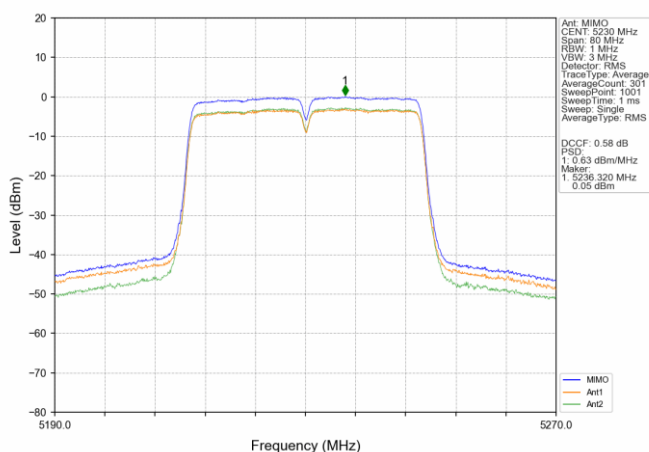


802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

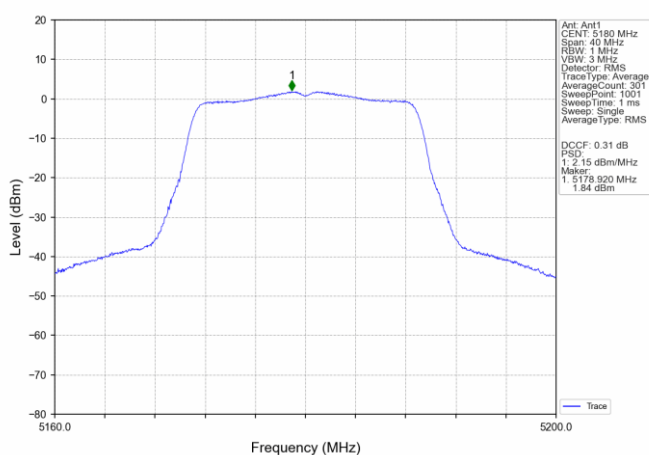




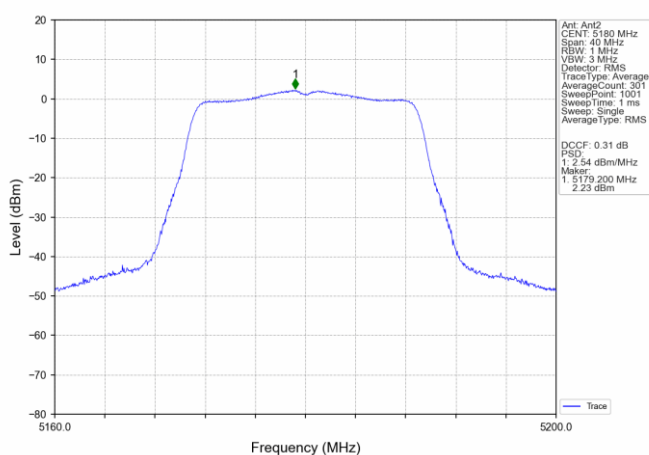
802.11n(HT40) HCH 5230MHz MIMO NTN



802.11ac(VHT20) LCH 5180MHz Ant1 NTN

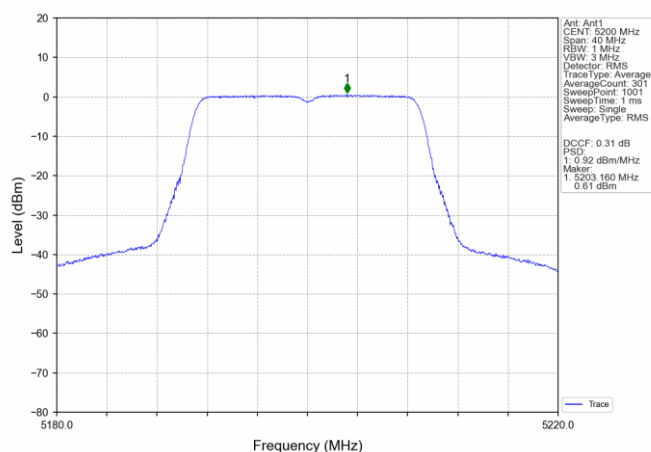


802.11ac(VHT20) LCH 5180MHz Ant2 NTN

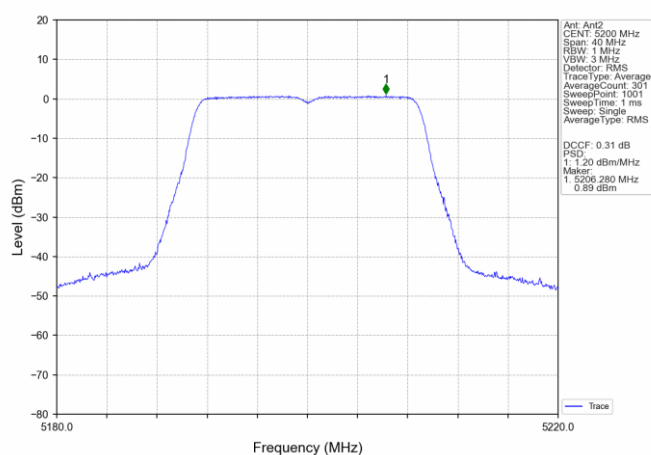




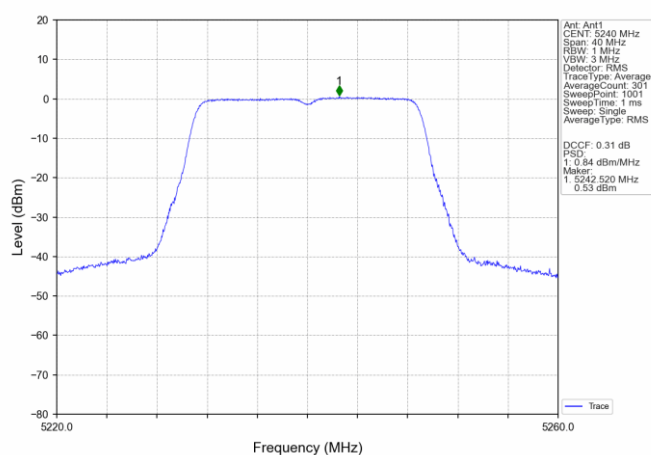
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

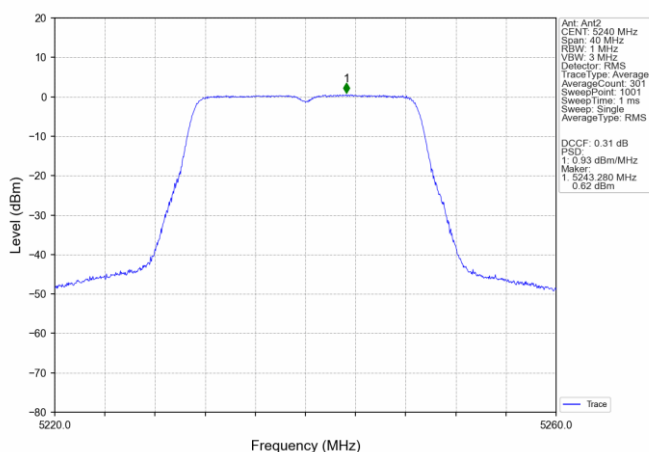


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

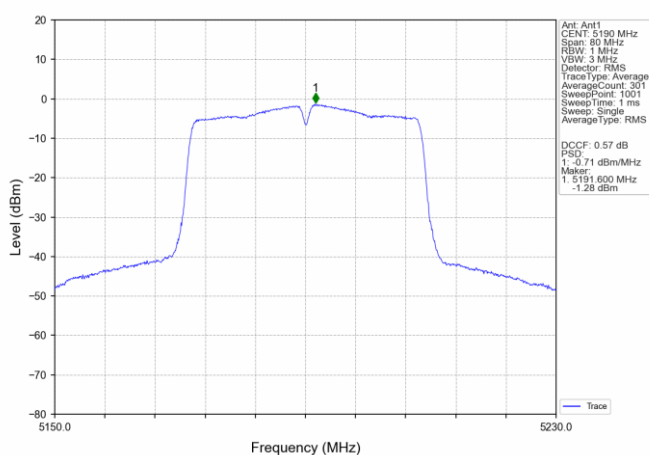




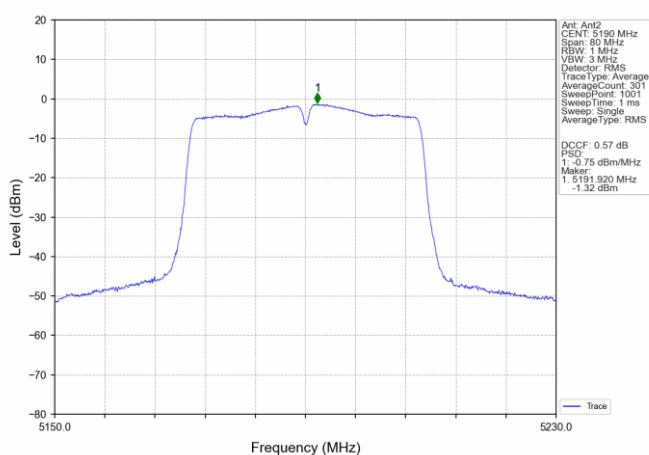
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

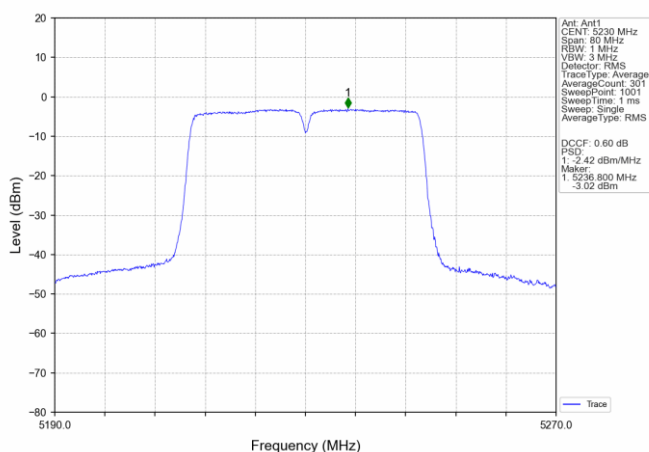


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

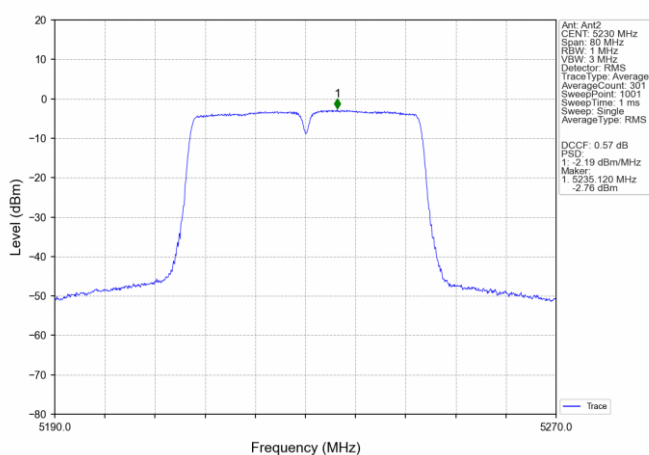




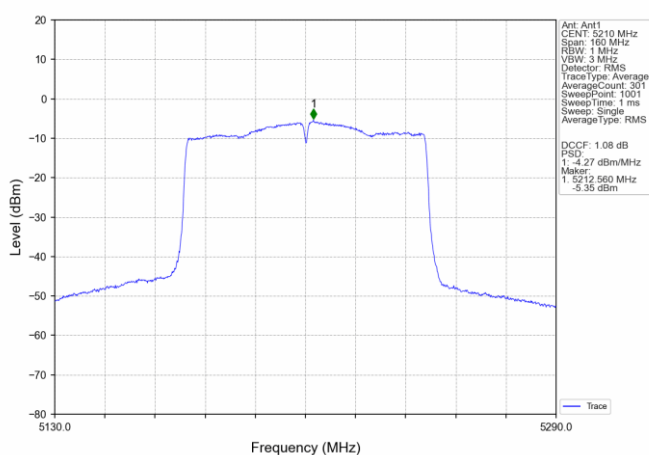
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

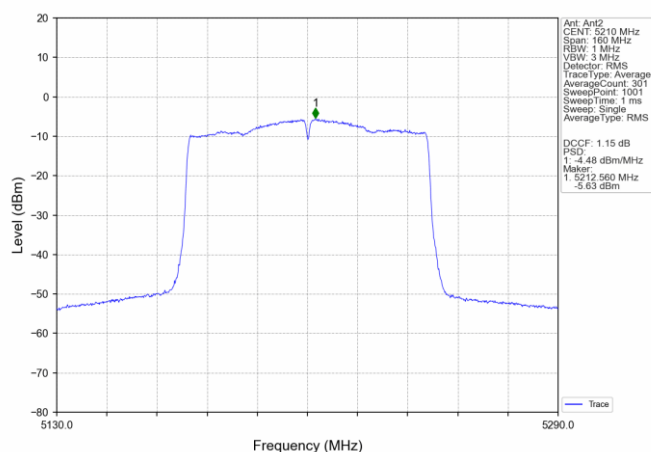


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

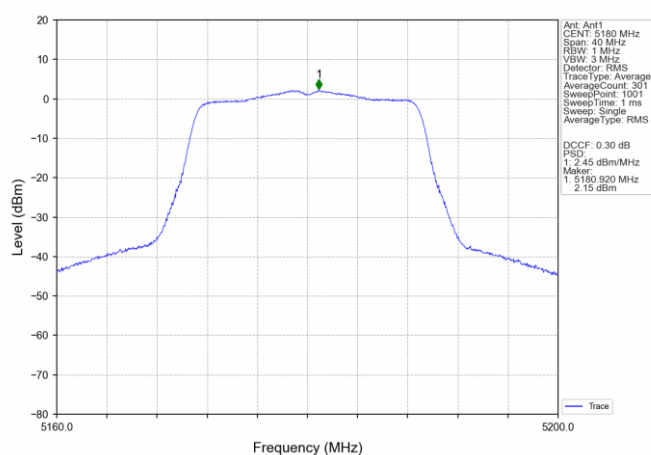




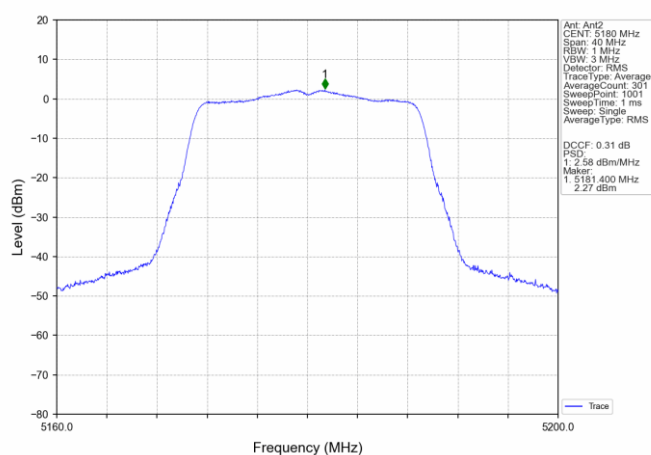
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

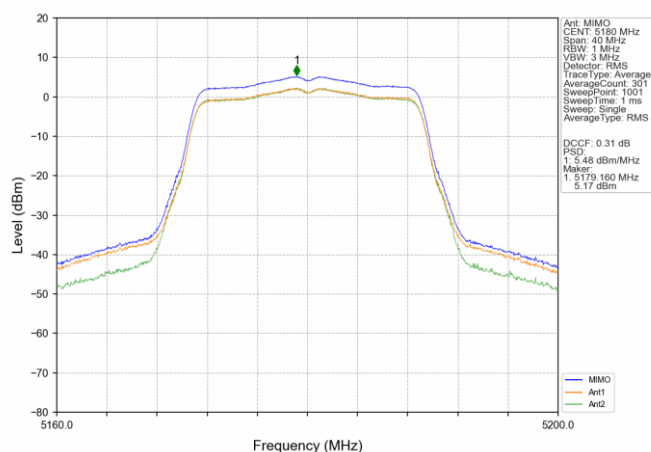


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

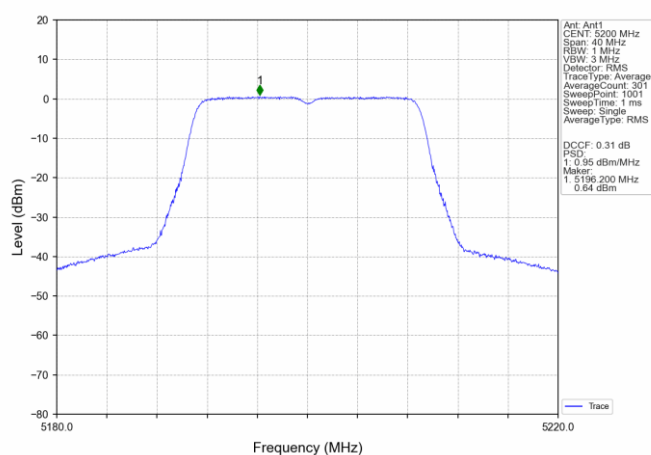




802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

