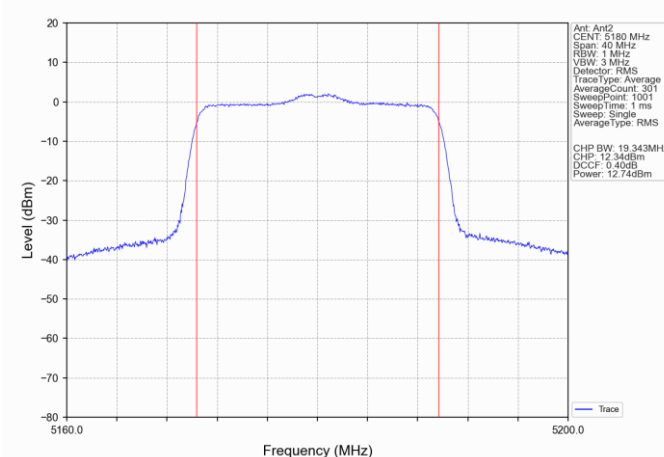
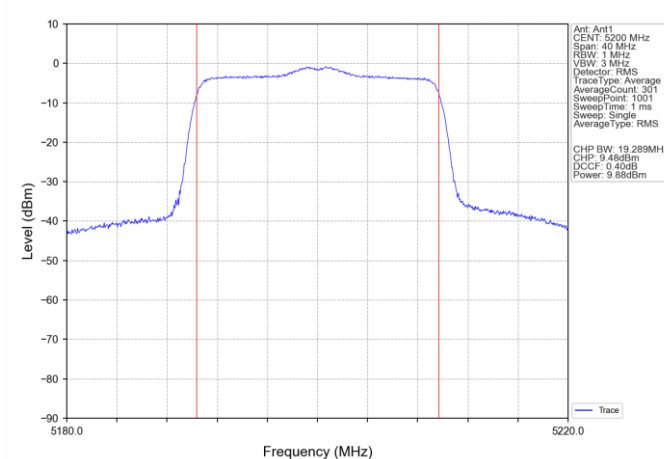




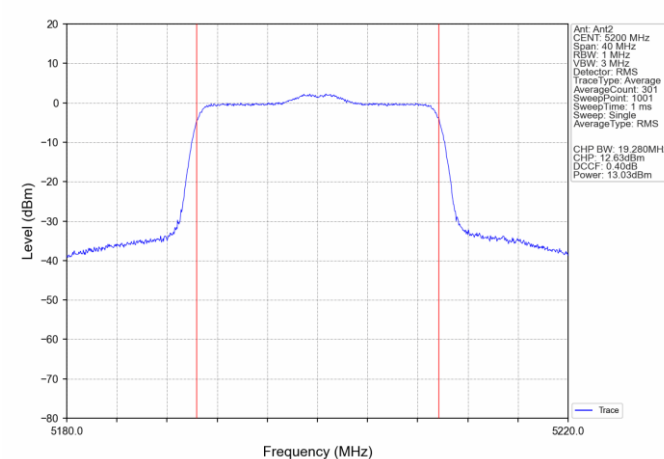
802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant2_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV

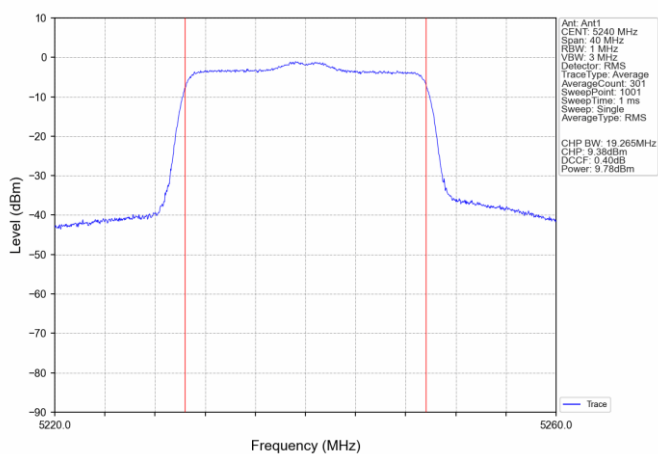


802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant2_NTNV

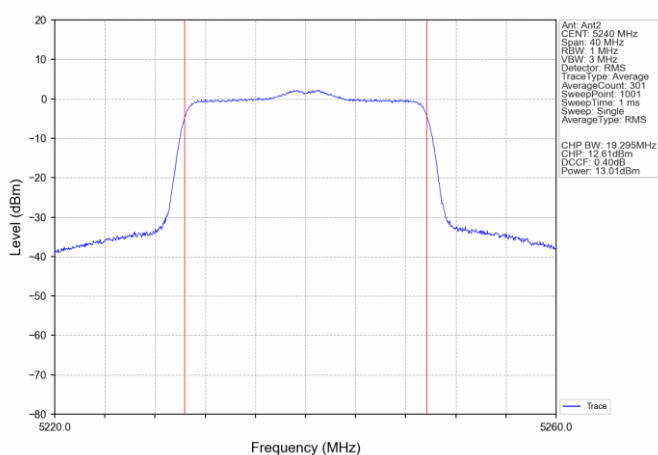




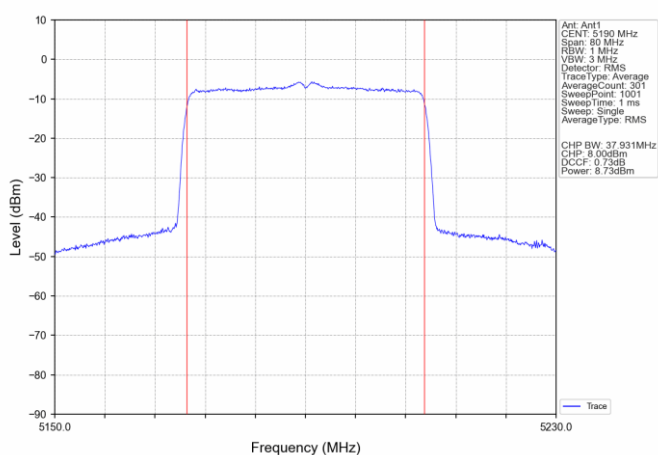
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant2_NTNV

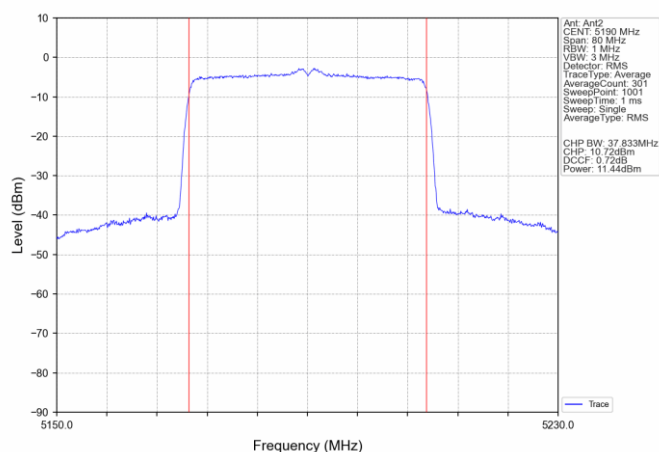


802.11ax(HEW40)_LCH_5190MHz_SU_ / Ant1_NTNV

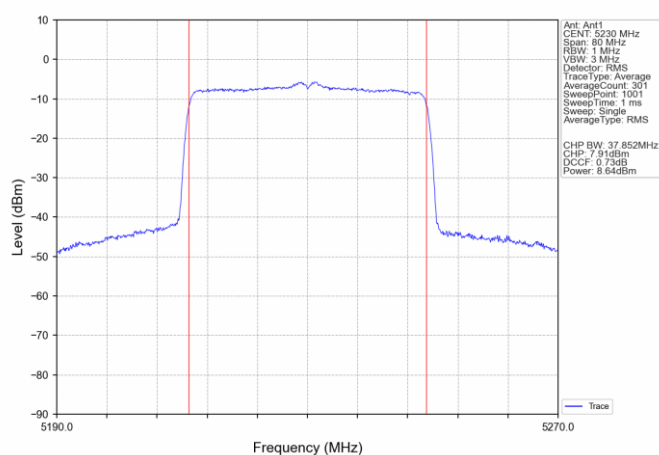




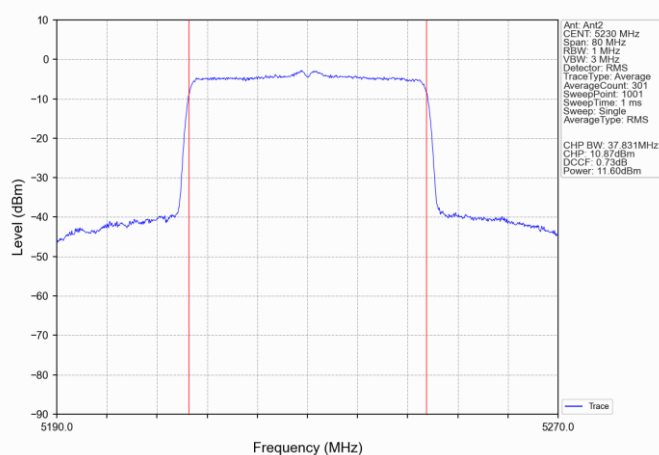
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802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV

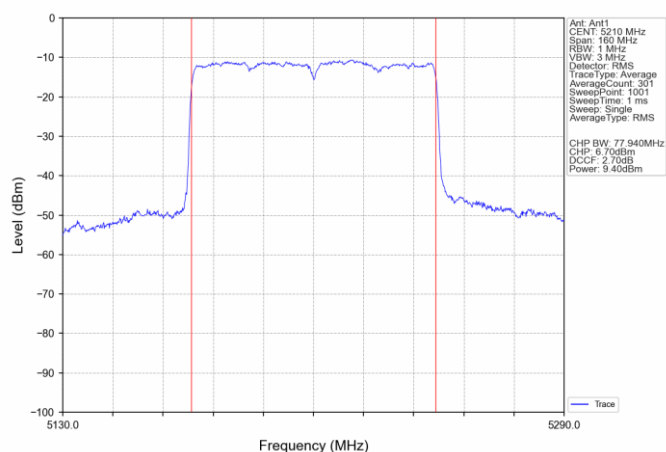


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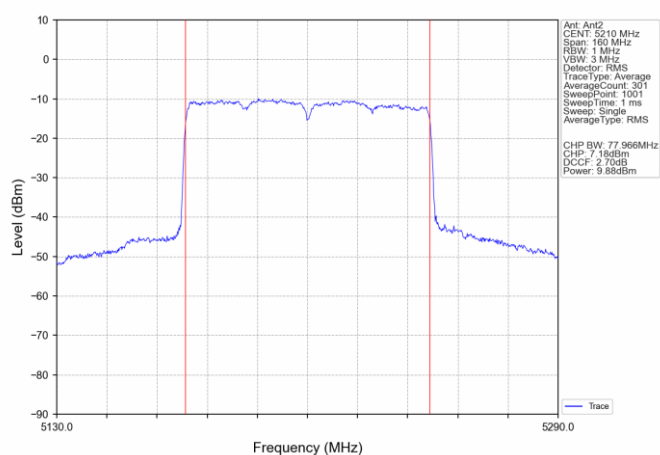




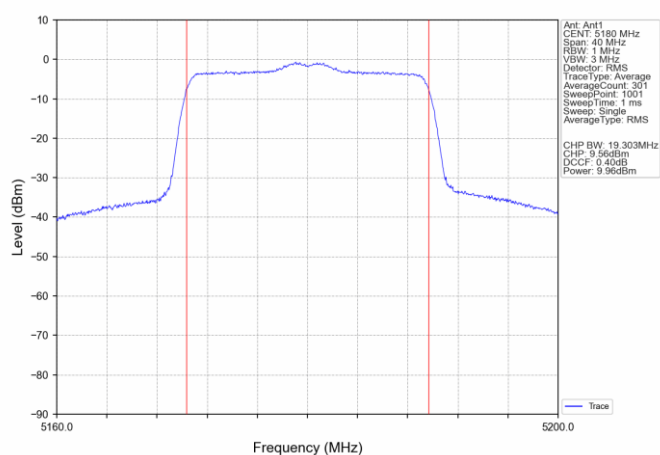
802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant2_NTNV

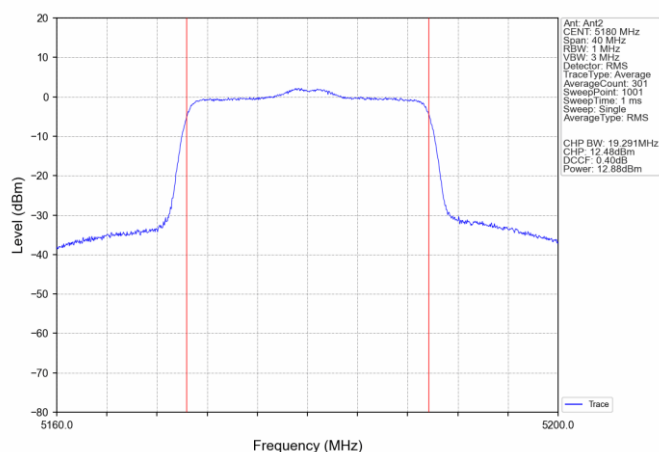


802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant1_NTNV

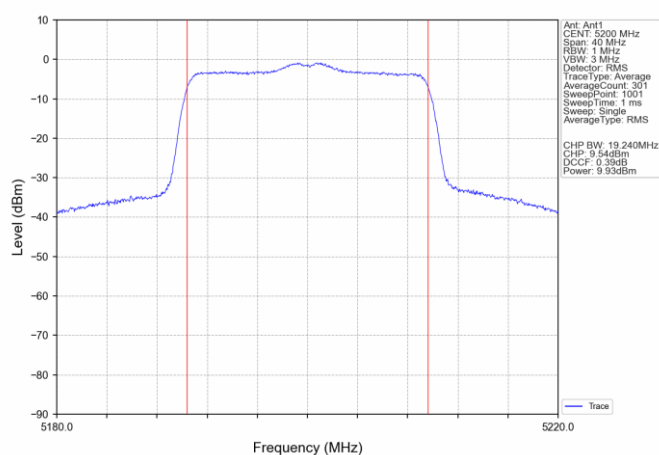




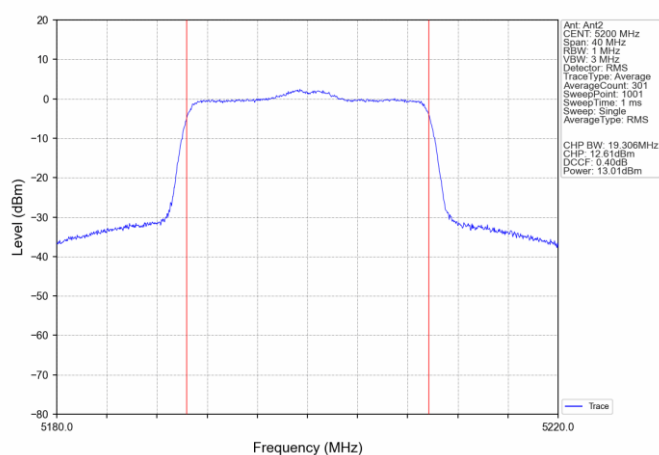
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802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV

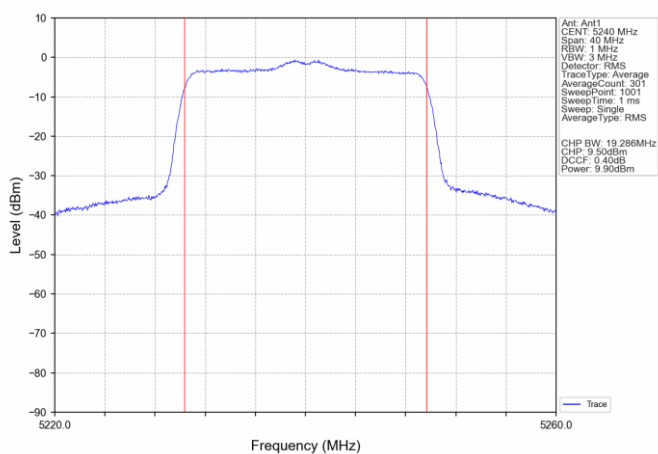


802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant2_NTNV

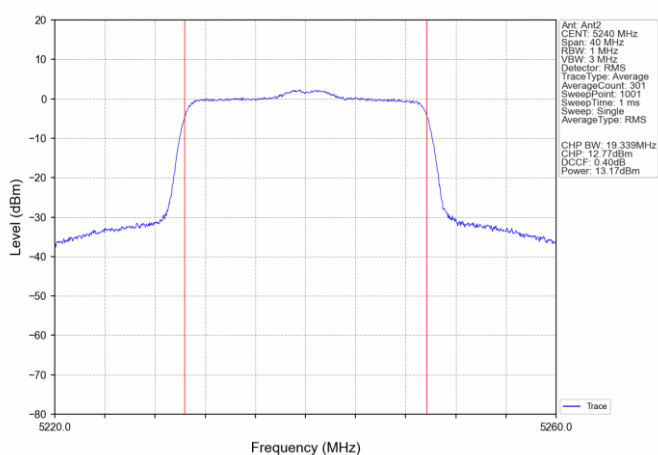




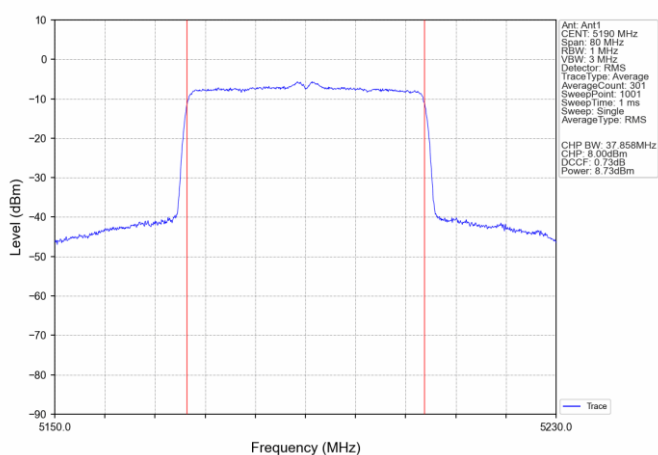
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant2_NTNV

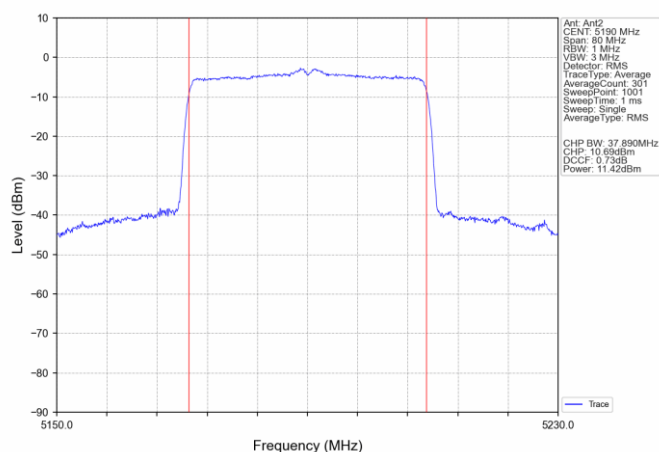


802.11ax(HEW40)_LCH_5190MHz_SU_ / Ant1_NTNV

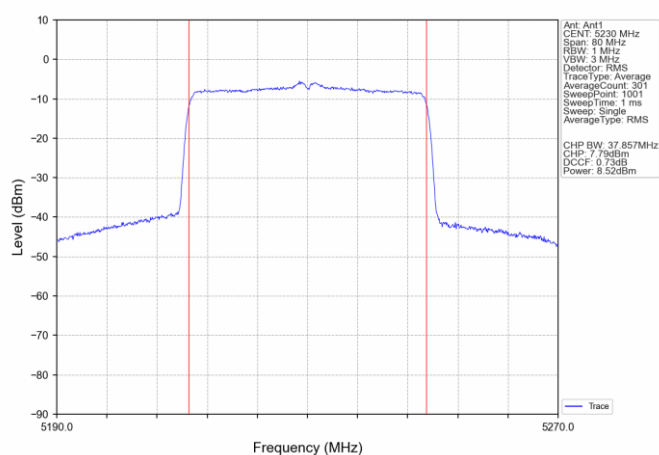




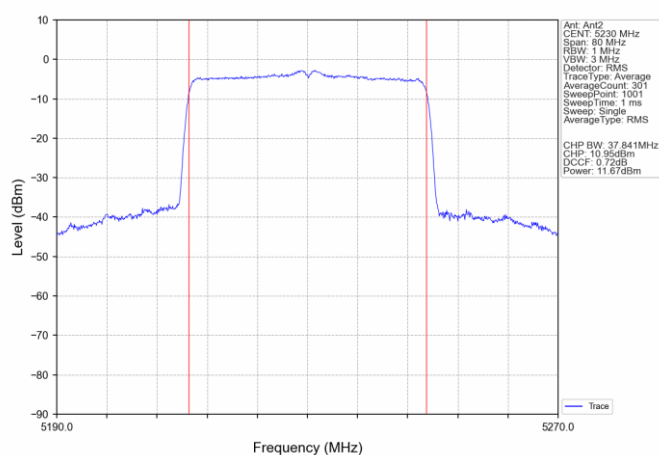
802.11ax(HEW40)_LCH_5190MHz_SU_ / Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV

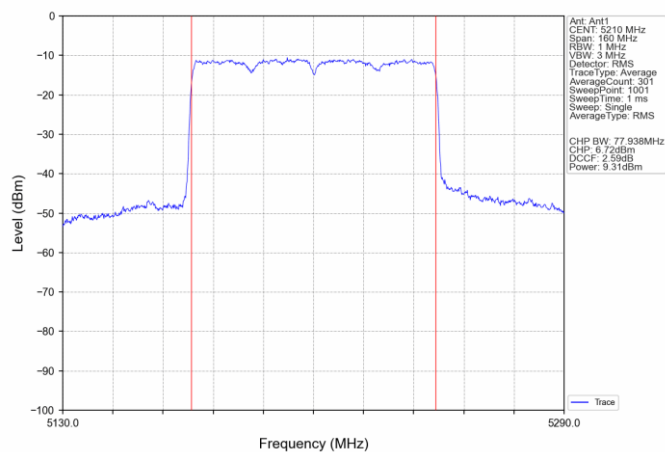


802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant2_NTNV

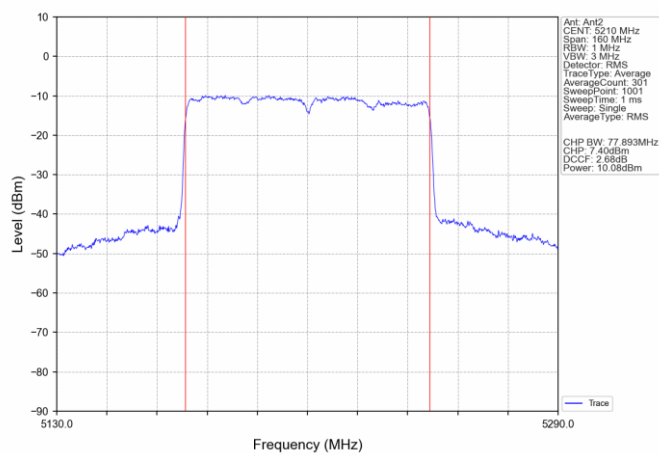




802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_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	/	/	-0.25	2.51	/	<=11	Pass
		5200	/	/	-0.50	2.47	/	<=11	Pass
		5240	/	/	-0.43	2.68	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-0.54	2.30	/	<=11	Pass
		5200	/	/	-0.71	2.04	/	<=11	Pass
		5240	/	/	-0.76	2.44	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-5.14	-2.30	/	<=11	Pass
		5230	/	/	-5.32	-1.96	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	-0.37	2.57	4.22	<=11	Pass
		5200	/	/	-0.35	2.50	4.32	<=11	Pass
		5240	/	/	-0.44	2.63	4.26	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-5.13	-2.00	-0.33	<=11	Pass
		5230	/	/	-5.10	-1.88	-0.23	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-0.66	1.95	/	<=11	Pass
		5200	/	/	-0.67	2.19	/	<=11	Pass
		5240	/	/	-0.69	2.46	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-4.85	-2.49	/	<=11	Pass
		5230	/	/	-5.34	-2.28	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-8.77	-6.11	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-0.38	2.69	4.34	<=11	Pass
		5200	/	/	-0.42	2.51	4.17	<=11	Pass
		5240	/	/	-0.36	2.65	4.21	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-4.98	-2.50	-0.62	<=11	Pass
		5230	/	/	-5.18	-2.02	-0.36	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-8.68	-5.48	-3.83	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	-1.03	2.48	/	<=11	Pass
		5200	SU	/	-0.56	2.84	/	<=11	Pass
		5240	SU	/	-0.59	2.78	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-4.84	-2.27	/	<=11	Pass
		5230	SU	/	-5.15	-1.73	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-7.65	-7.01	/	<=11	Pass
802.11ax	MIMO	5180	SU	/	-0.38	2.52	4.25	<=11	Pass



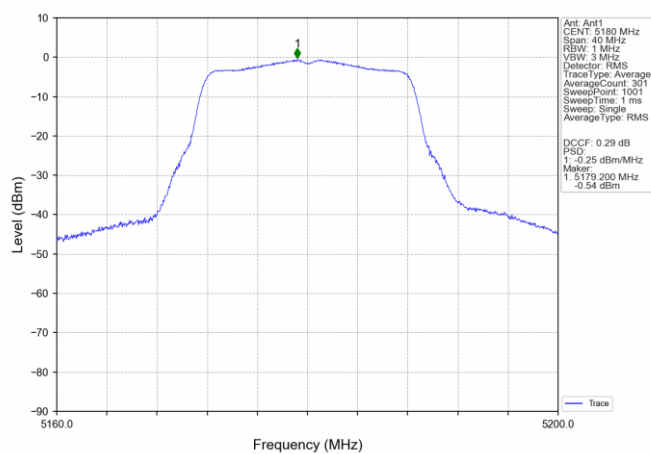
(HEW20)		5200	SU	/	-0.28	2.66	4.45	<=11	Pass
		5240	SU	/	-0.34	2.91	4.59	<=11	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-4.82	-2.31	-0.48	<=11	Pass
		5230	SU	/	-4.97	-1.78	-0.16	<=11	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-7.90	-7.17	-4.52	<=11	Pass
Note1: Antenna Gain: Ant1: 0.89dBi; Ant2: 1.20dBi; Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)									



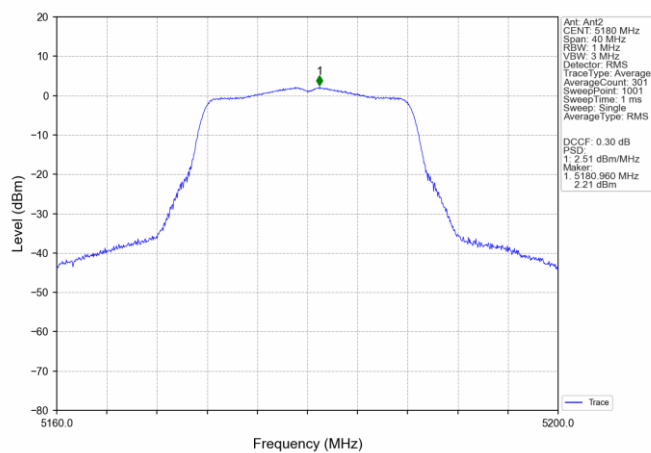
4.2 Test Graph

4.2.1 PSD

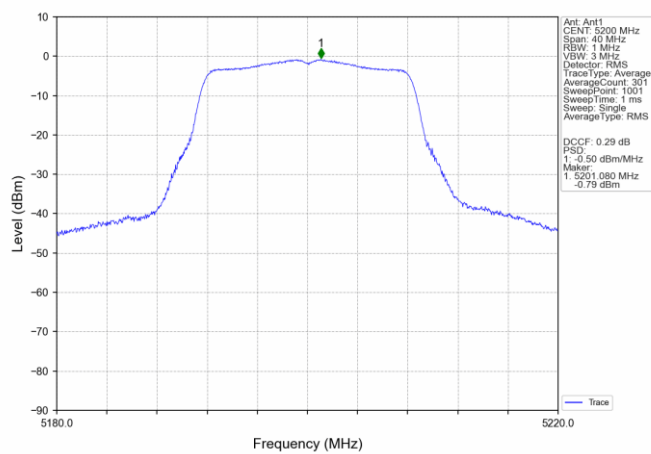
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

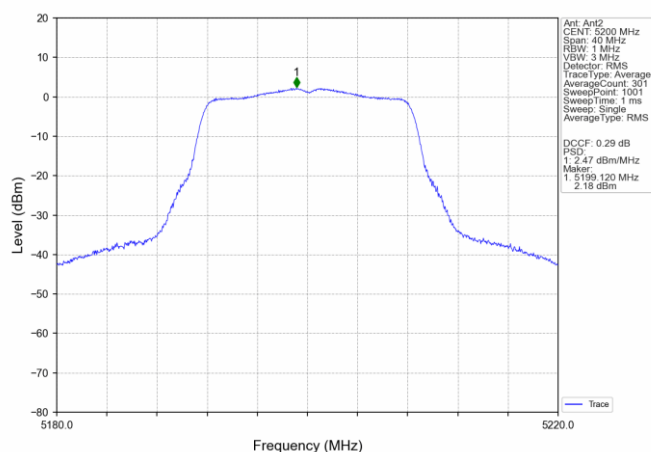


802.11a_MCH_5200MHz_Ant1_NTNV

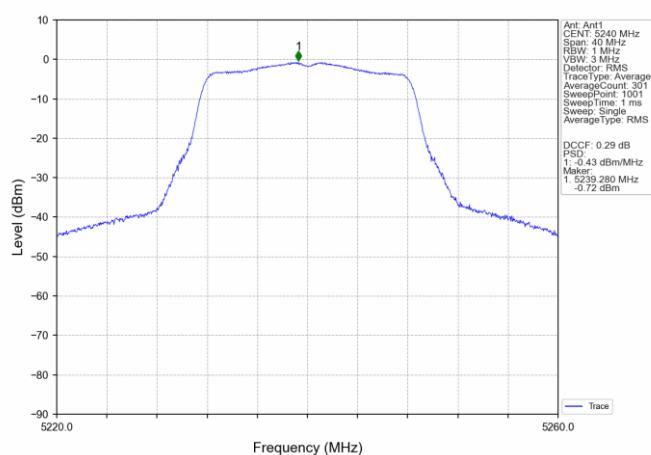




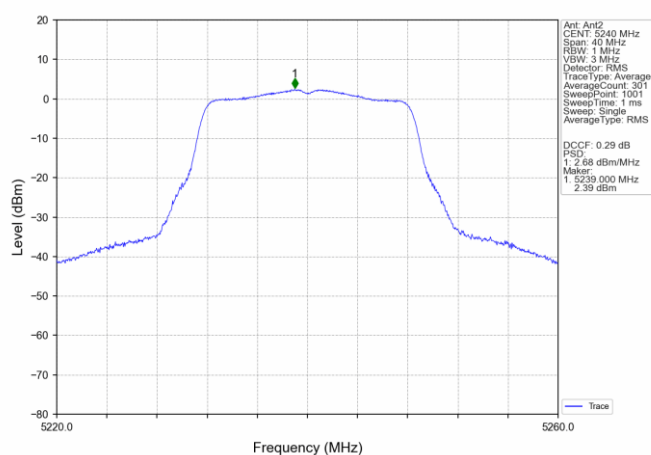
802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

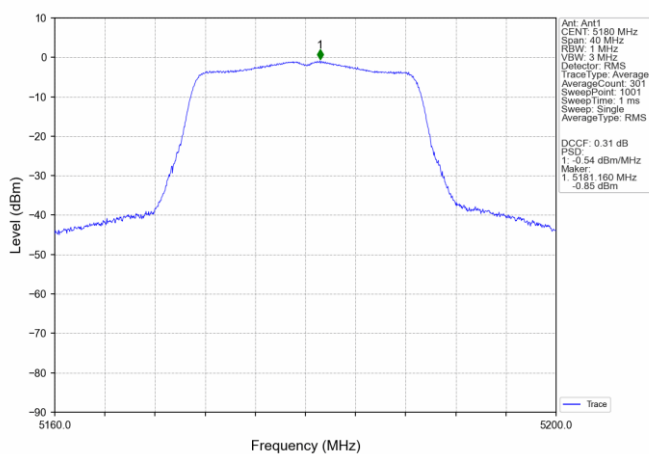


802.11a_HCH_5240MHz_Ant2_NTNV

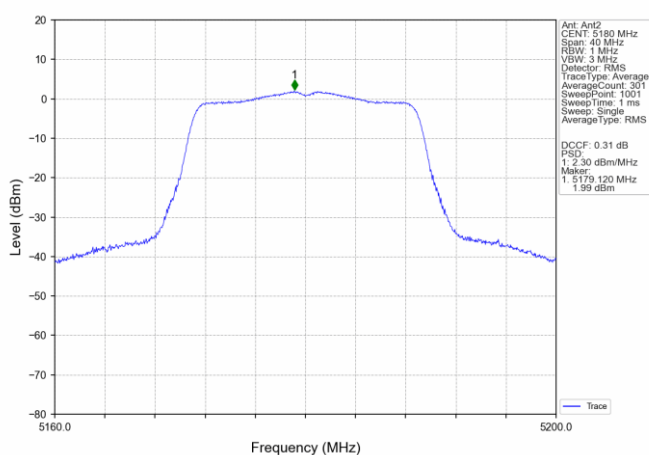




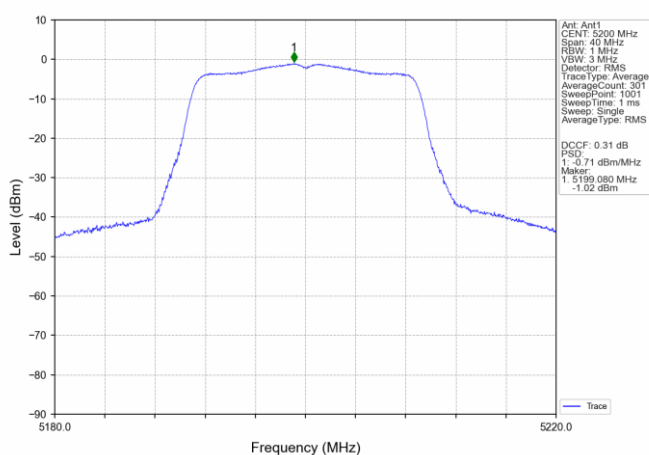
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

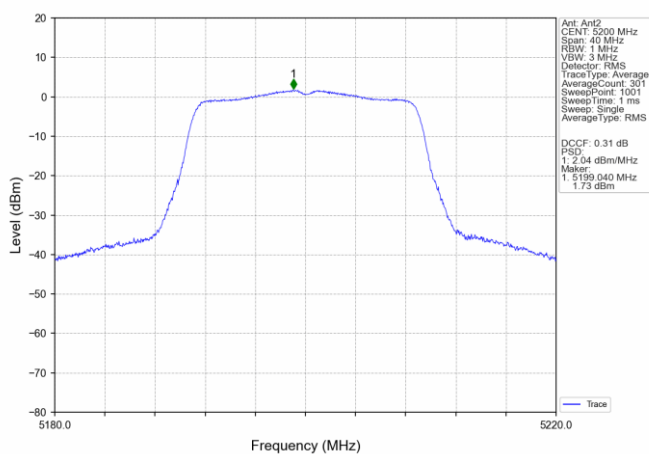


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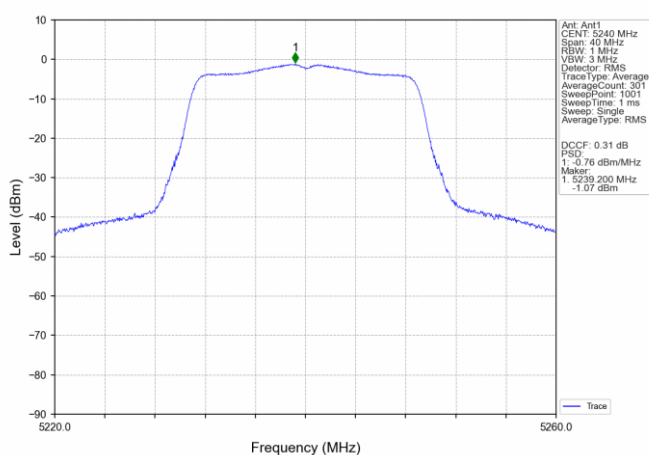




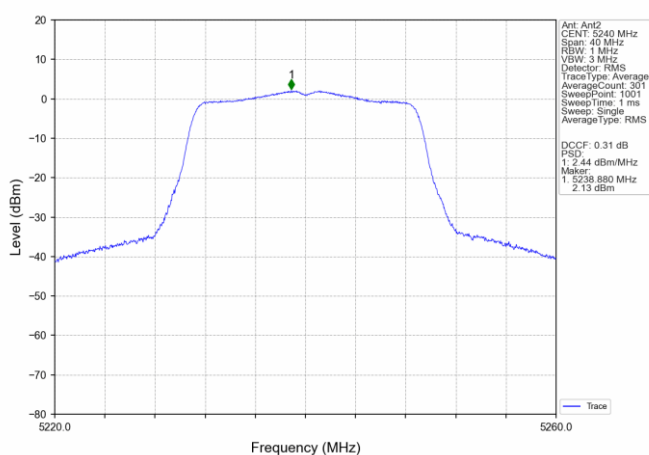
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

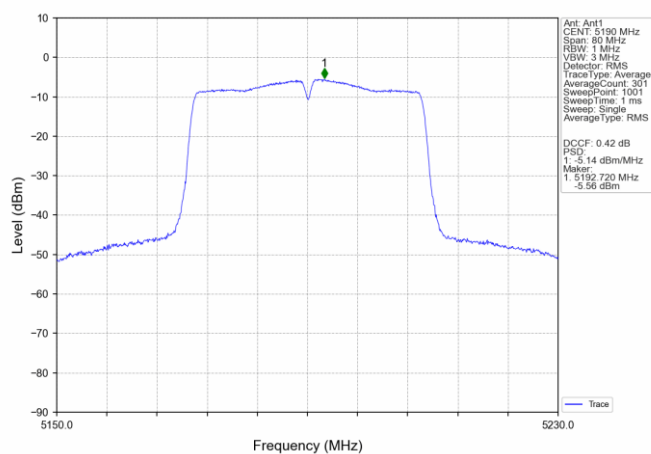


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

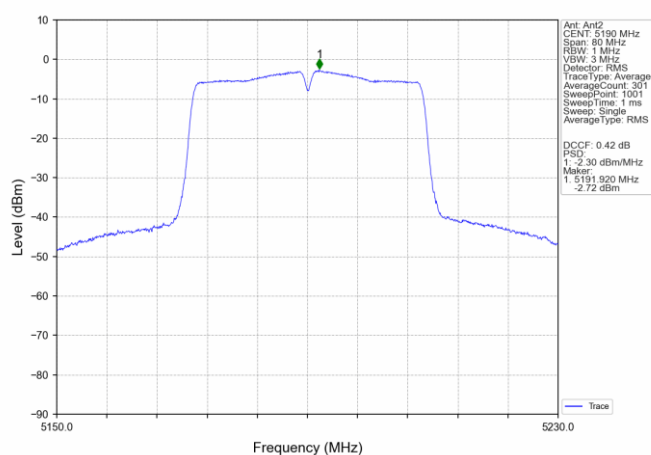




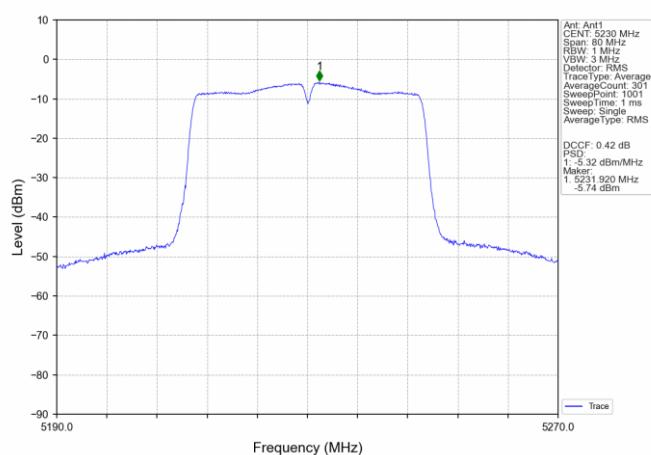
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

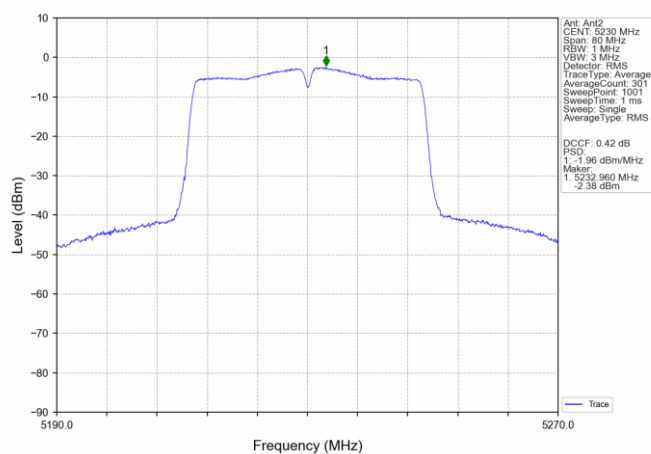


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

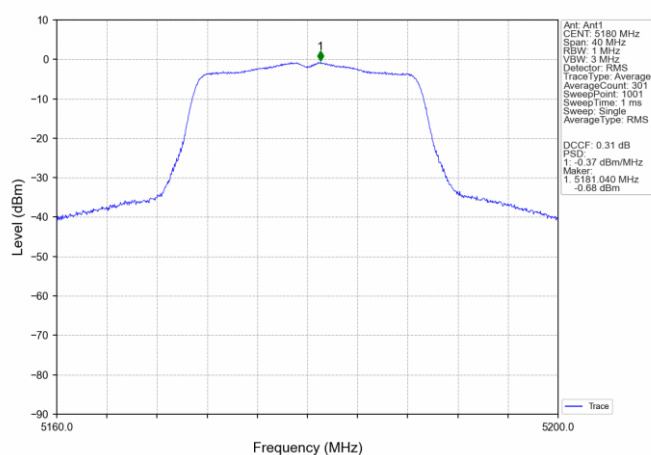




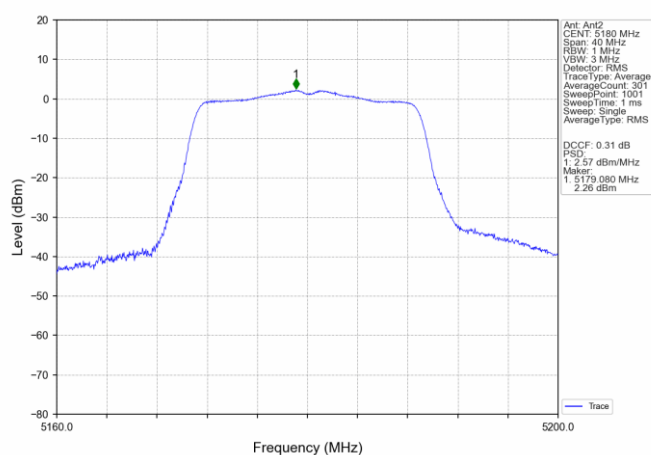
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

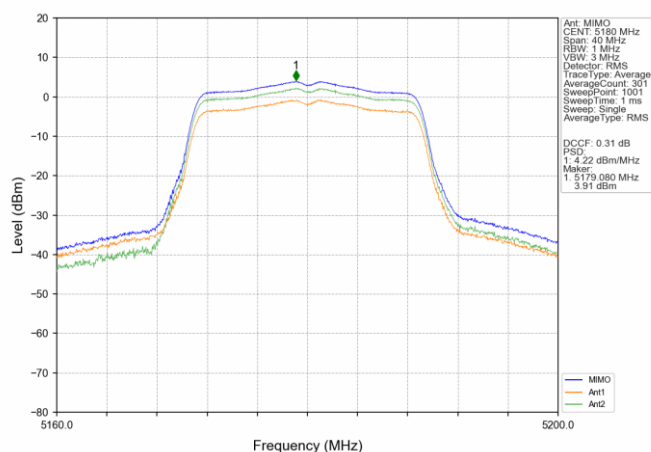


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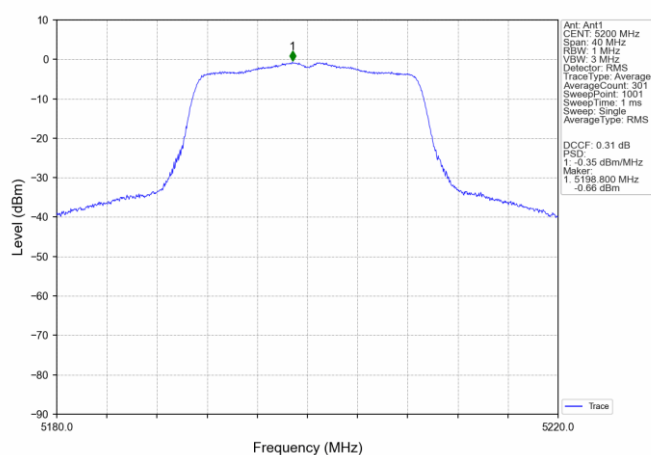




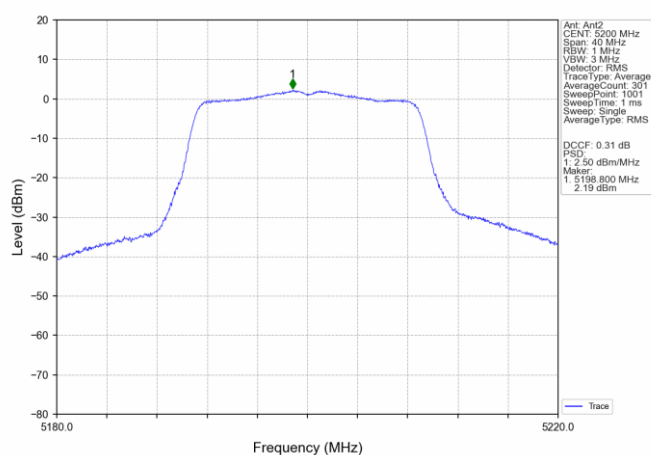
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

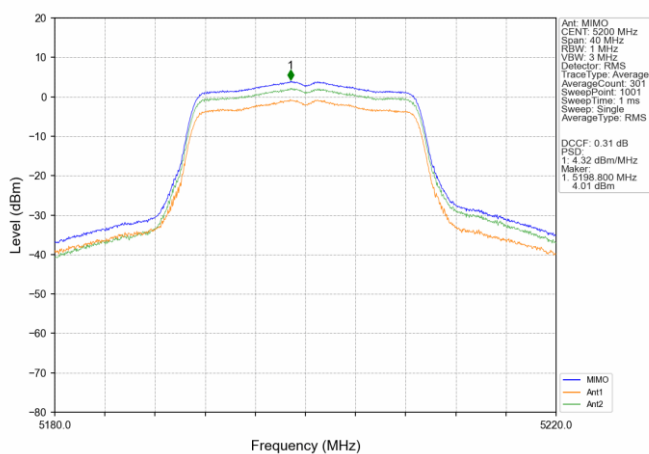


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

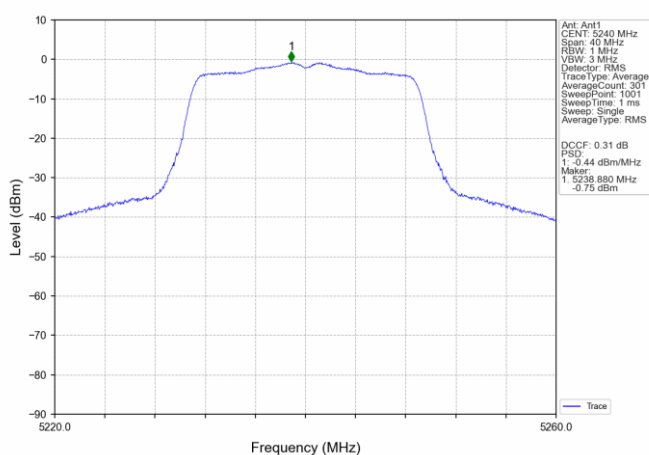




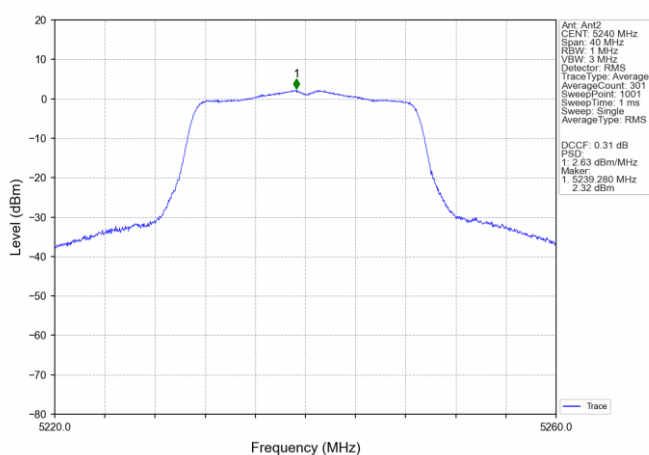
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

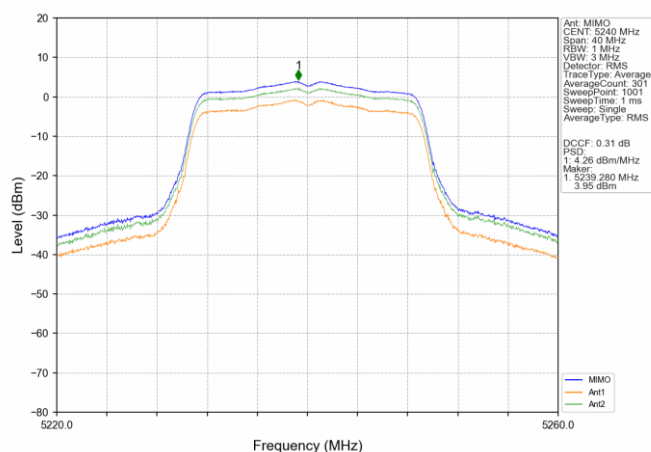


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

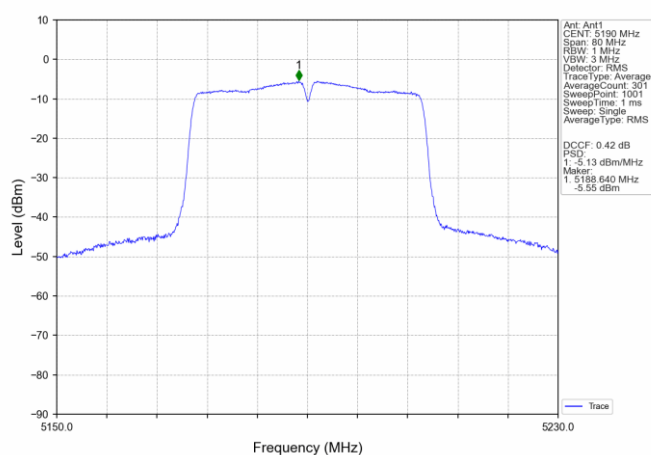




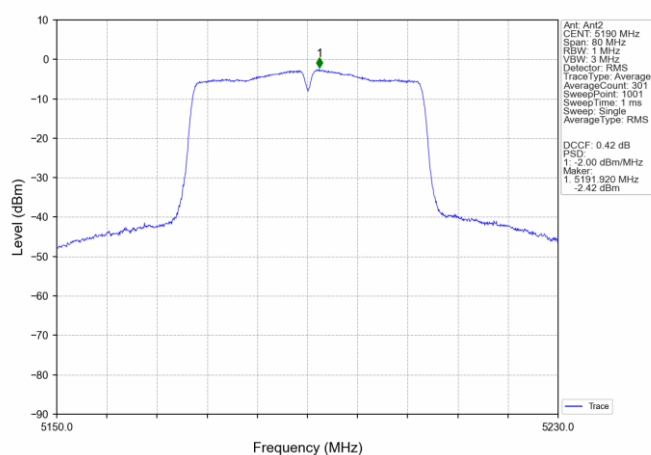
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

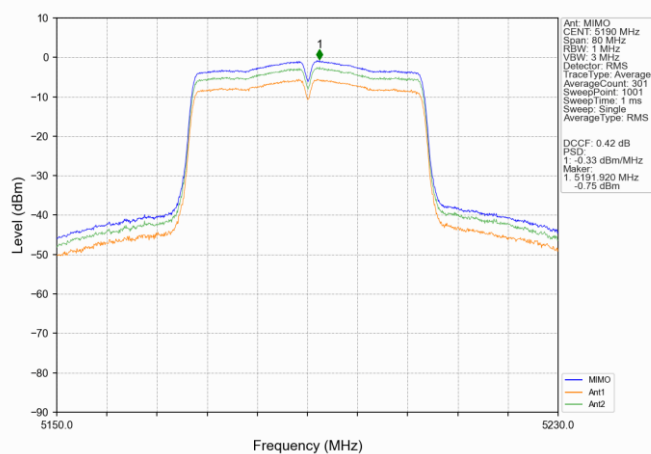


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

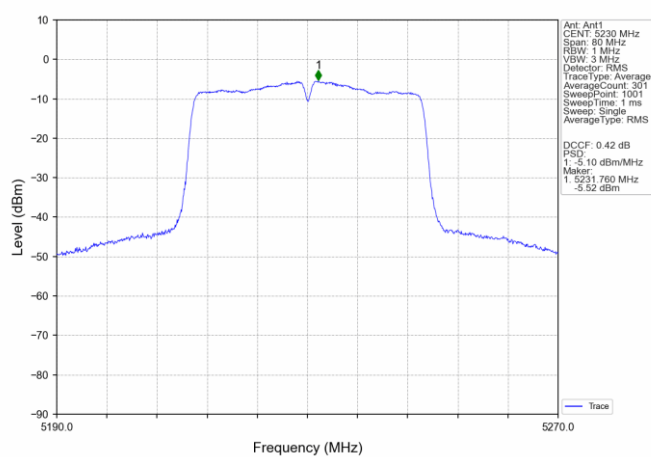




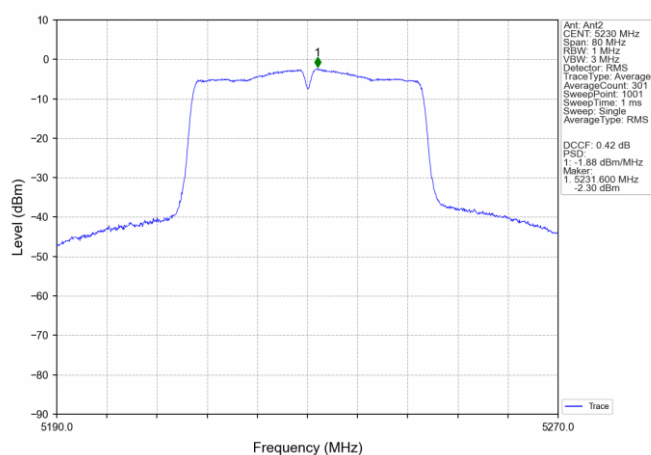
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

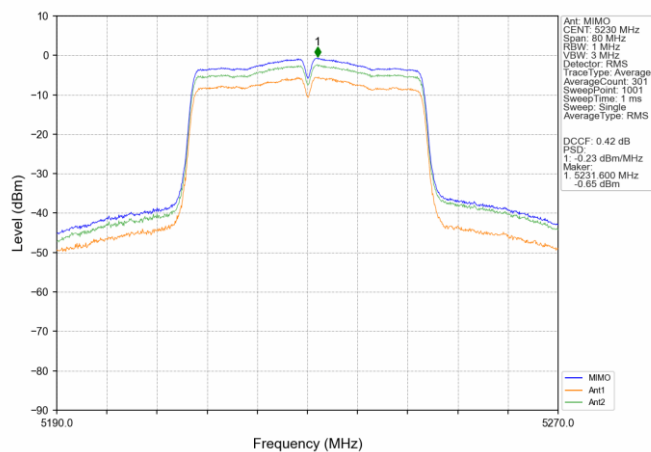


802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

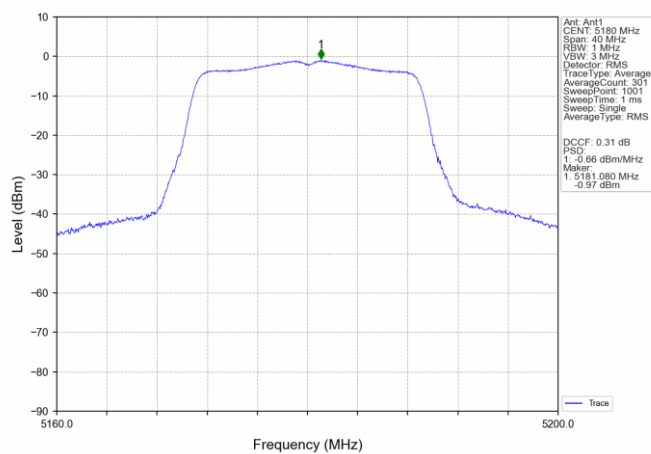




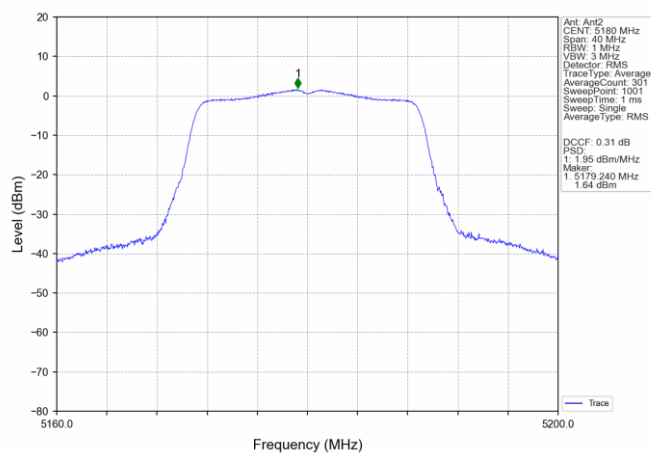
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

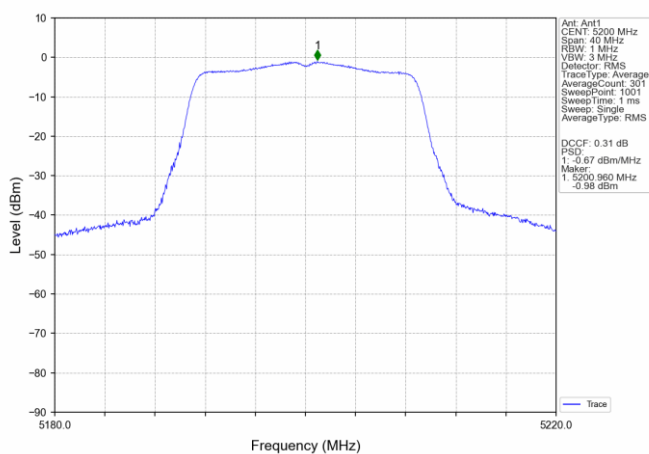


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

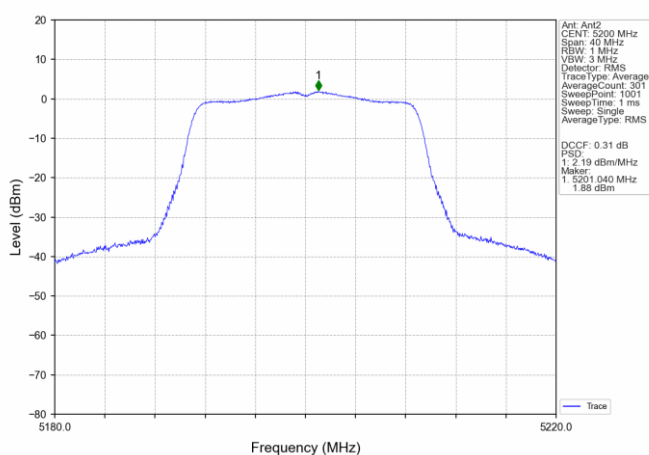




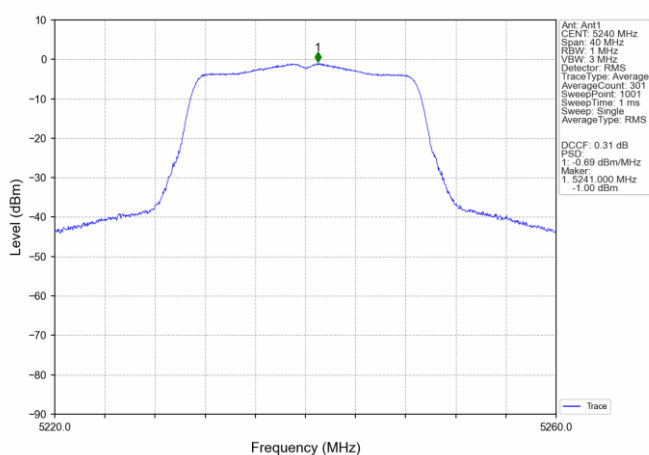
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

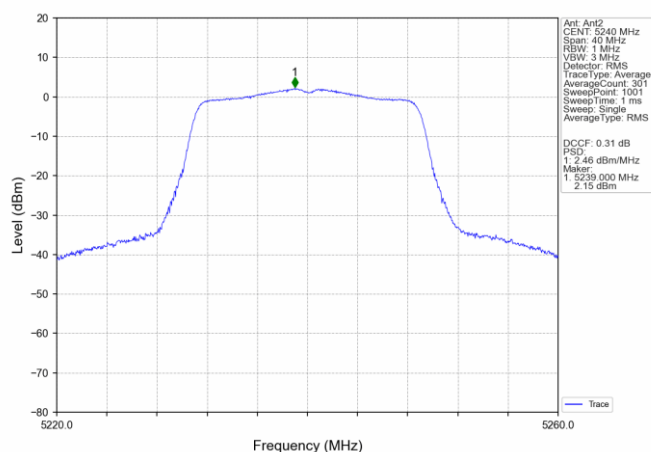


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

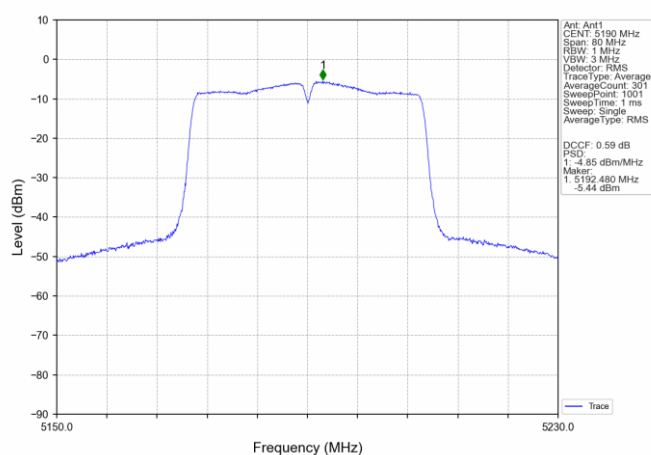




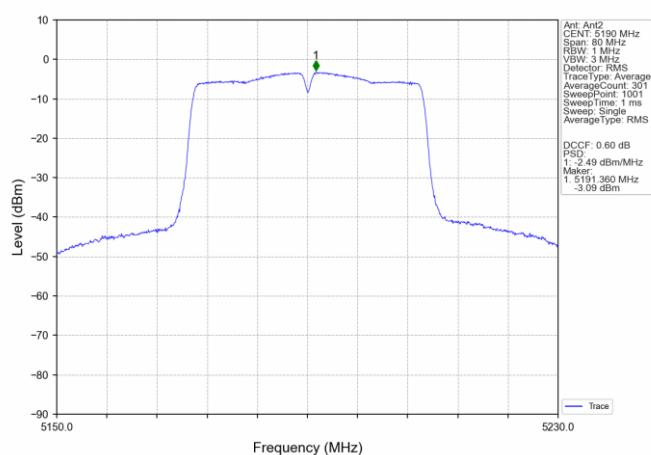
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

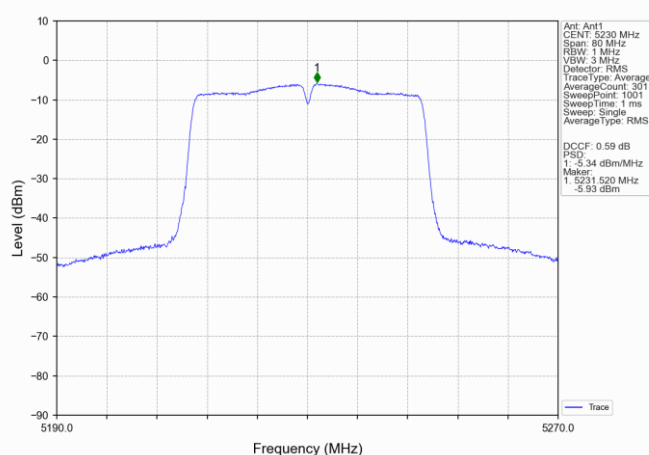


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

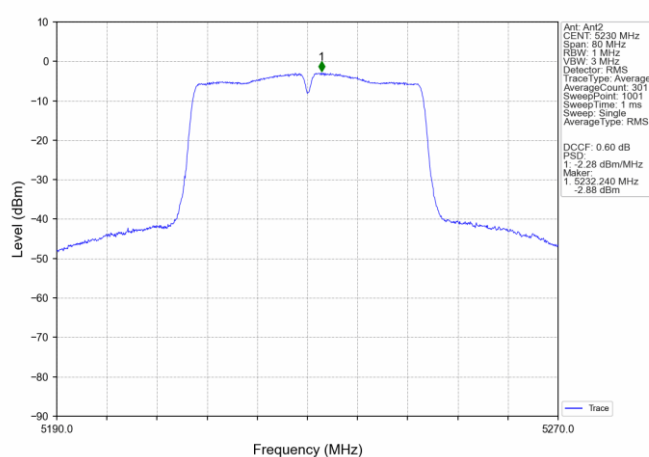




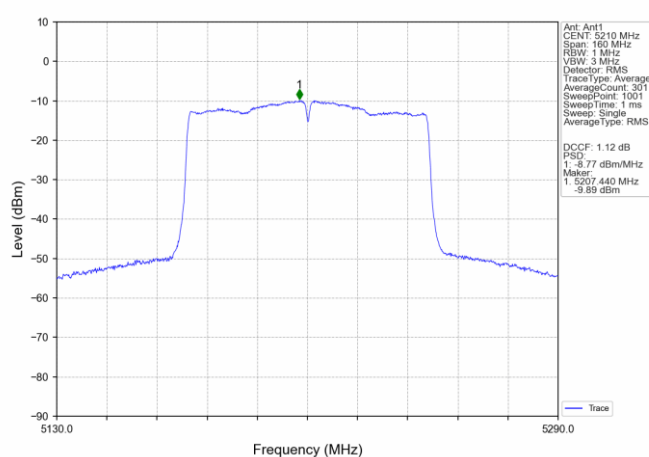
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

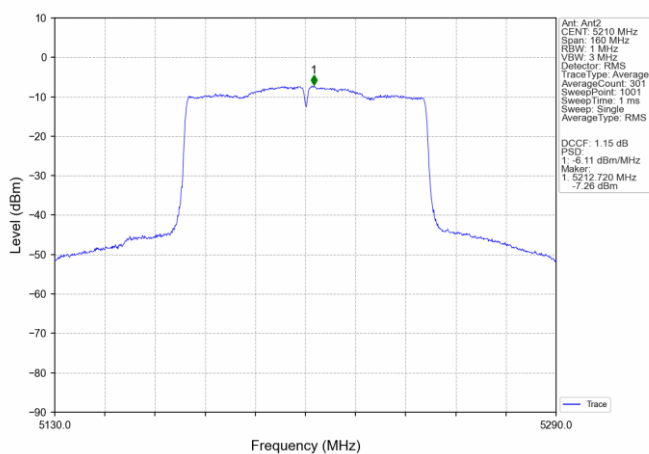


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

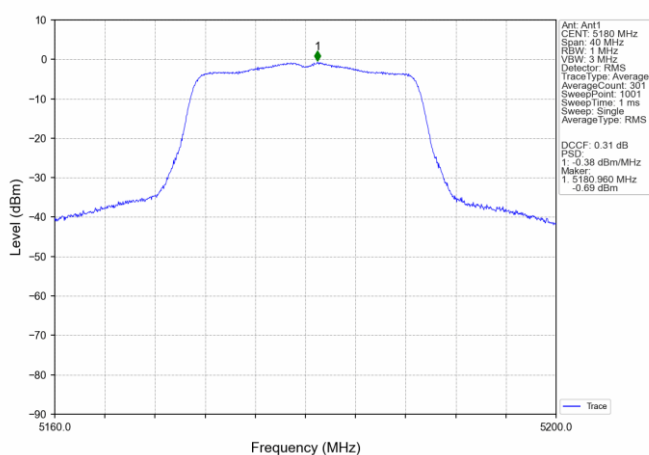




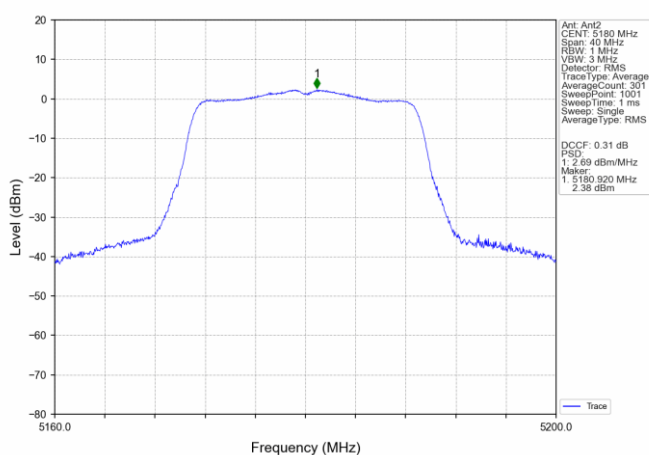
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

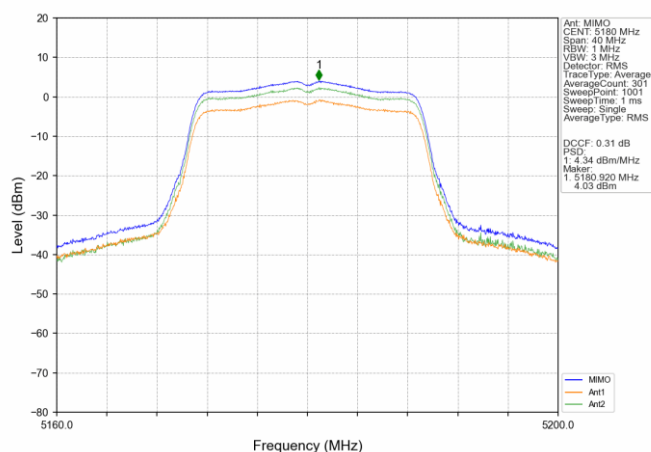


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

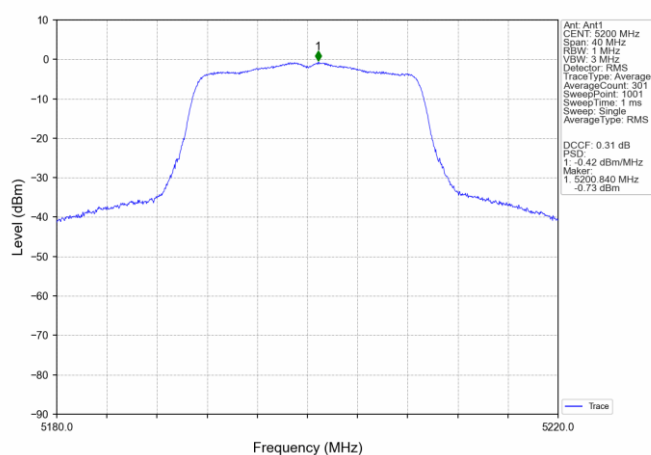




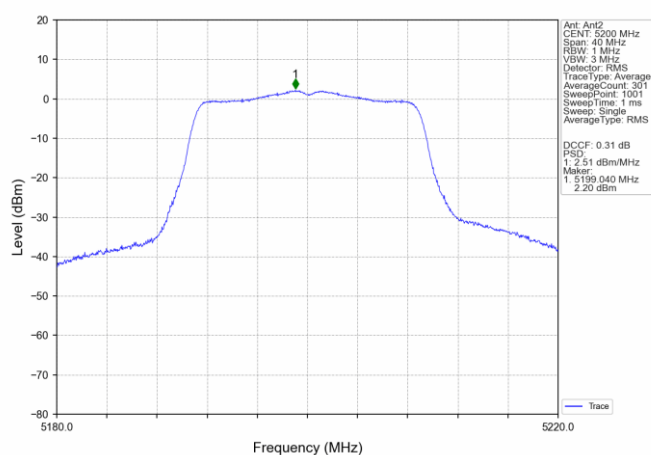
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

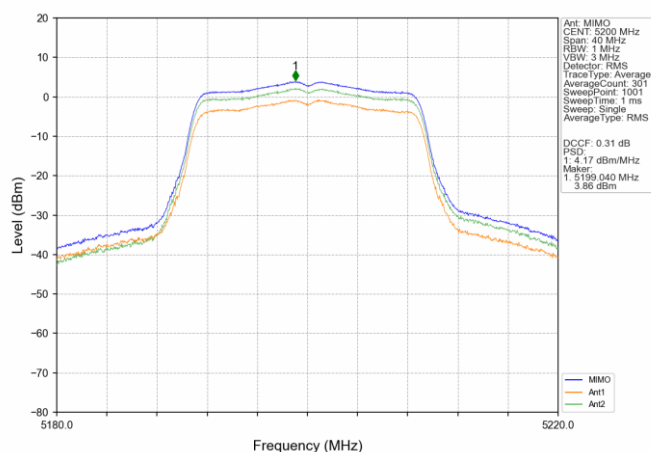


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

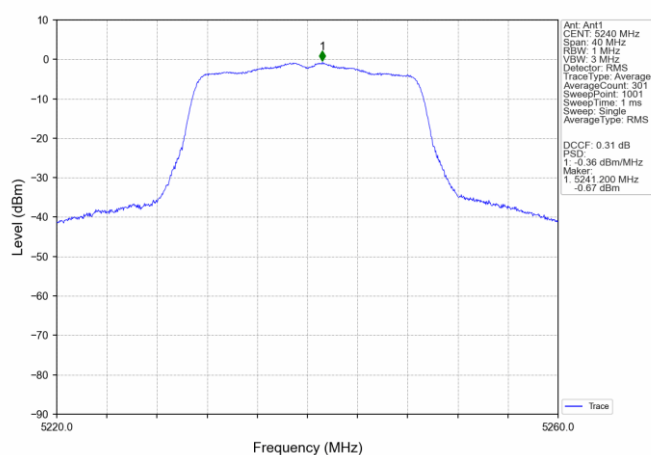




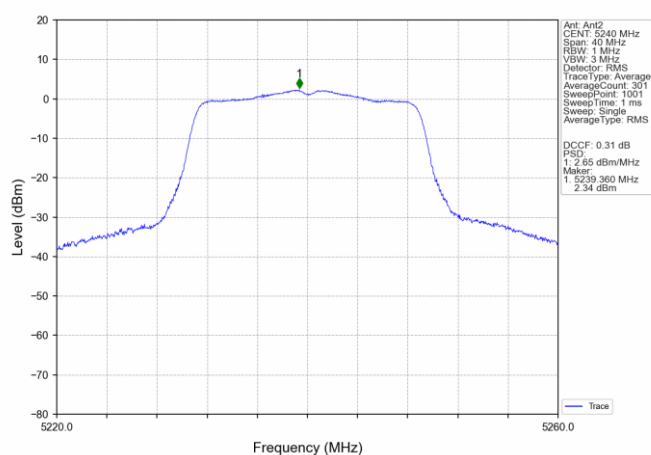
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

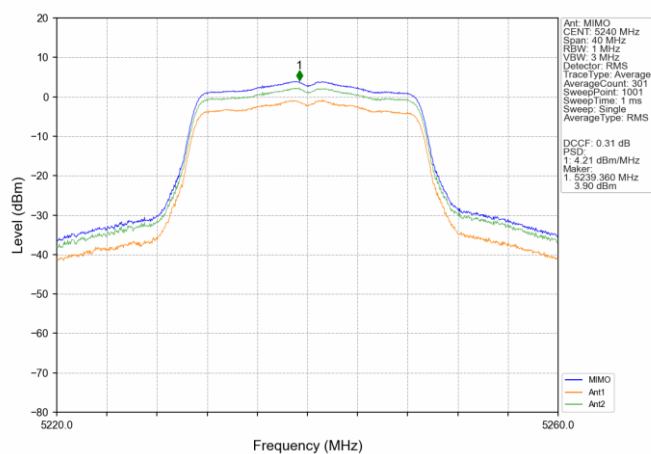


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

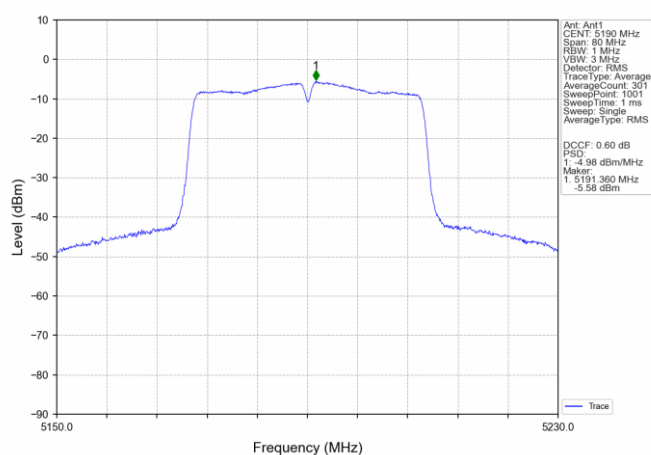




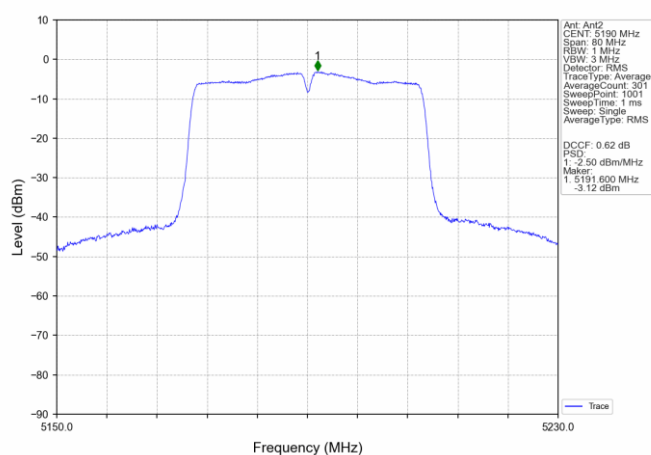
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

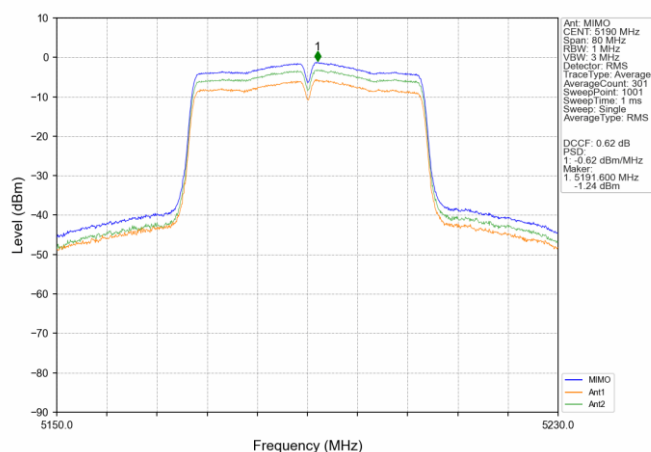


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

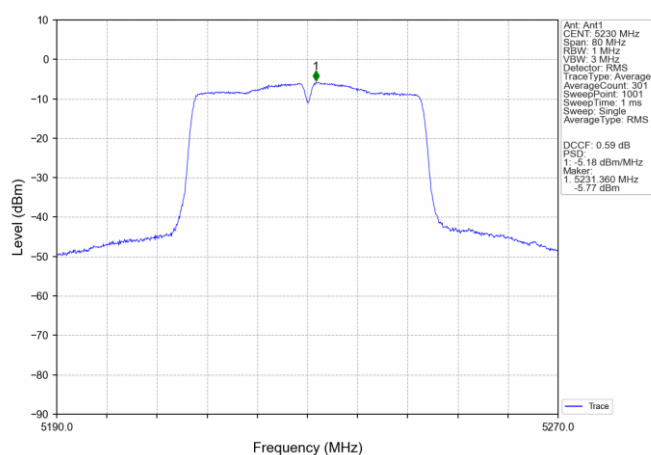




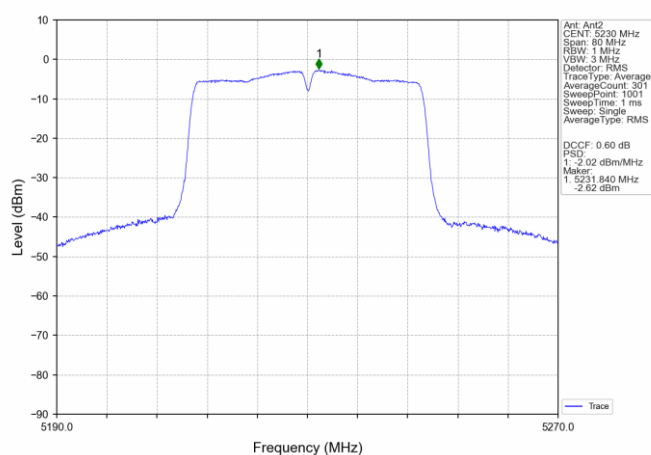
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

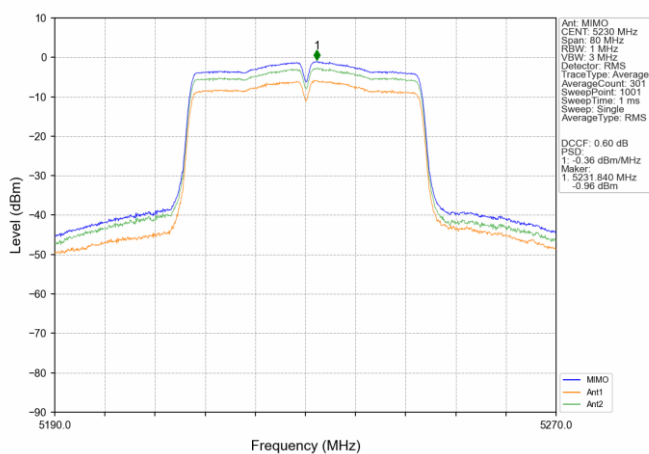


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

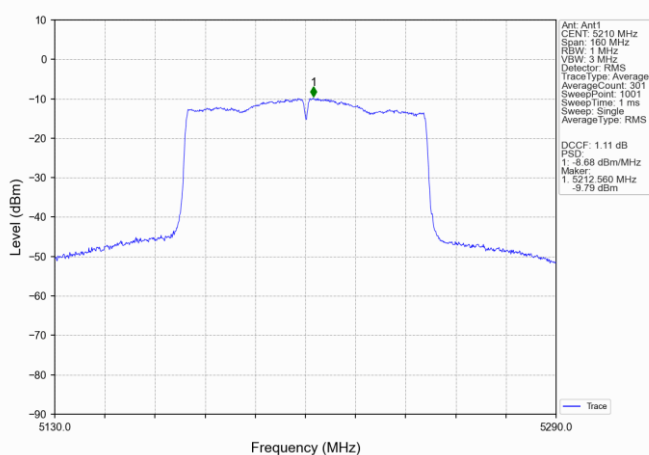




802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

