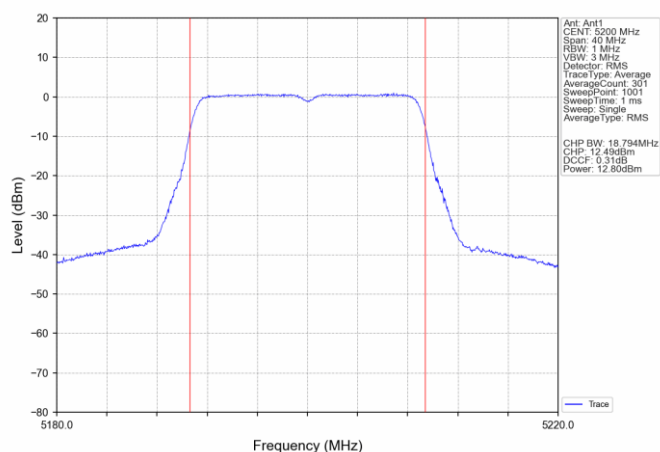
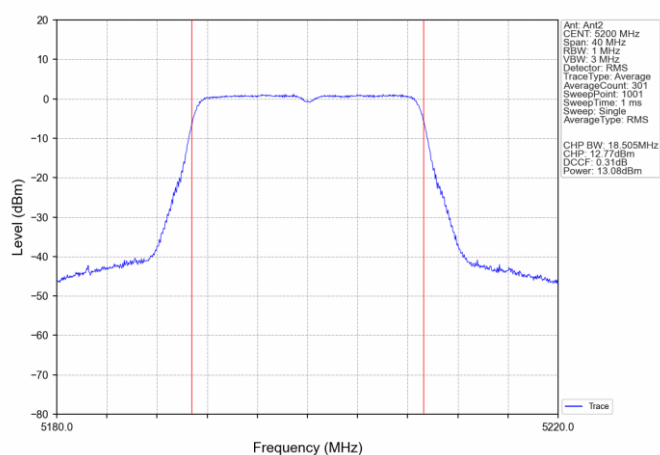




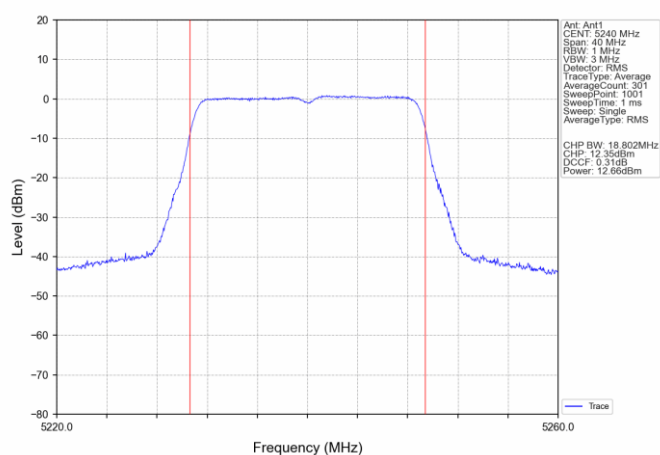
802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant2_NTNV

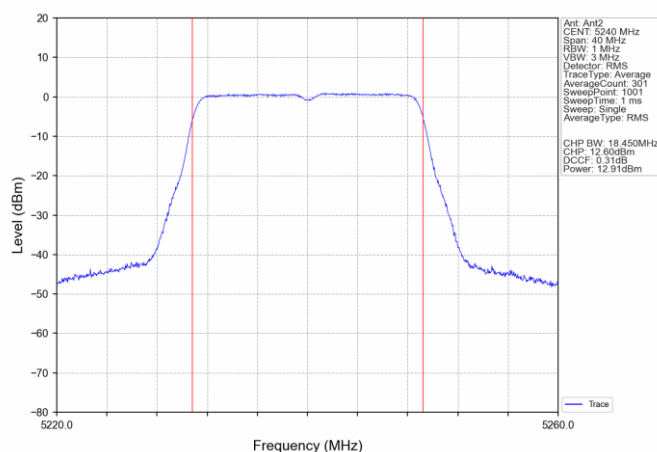


802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV

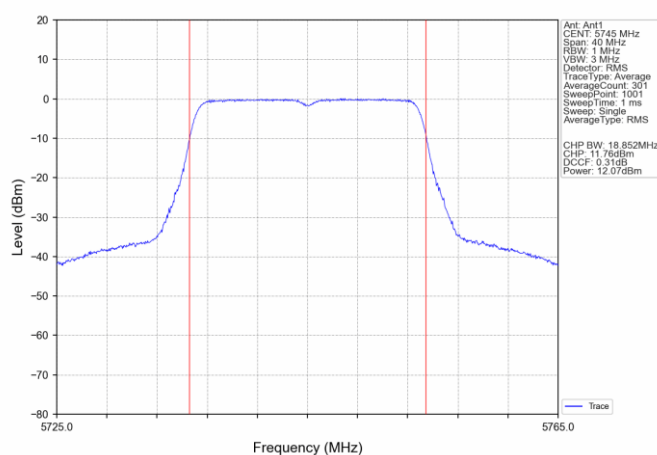




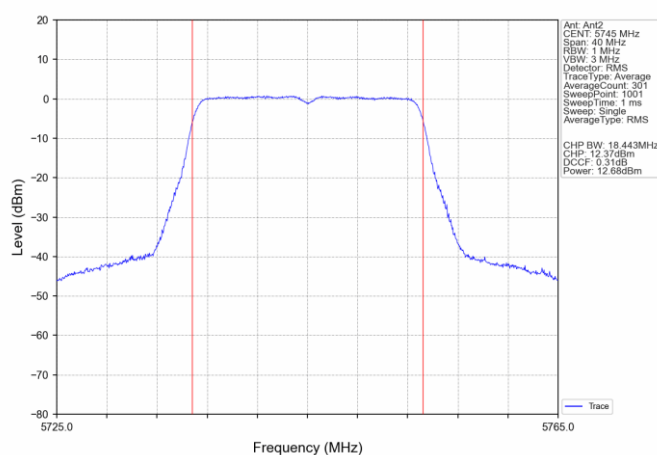
802.11ax(HEW20) HCH 5240MHz SU / Ant2 NTN



802.11ax(HEW20) LCH 5745MHz SU / Ant1 NTN

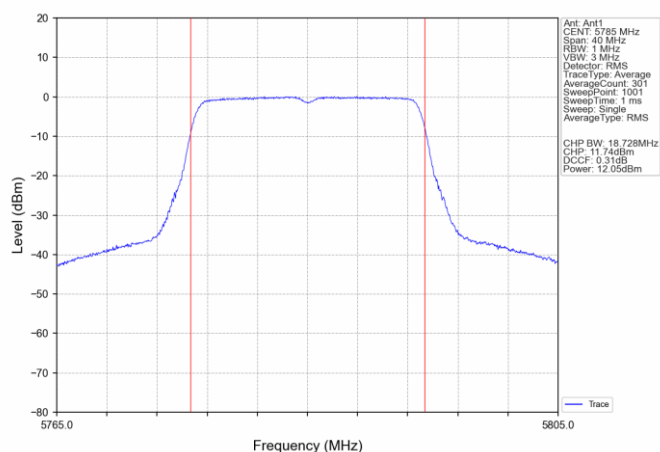


802.11ax(HEW20) LCH 5745MHz SU / Ant2 NTN

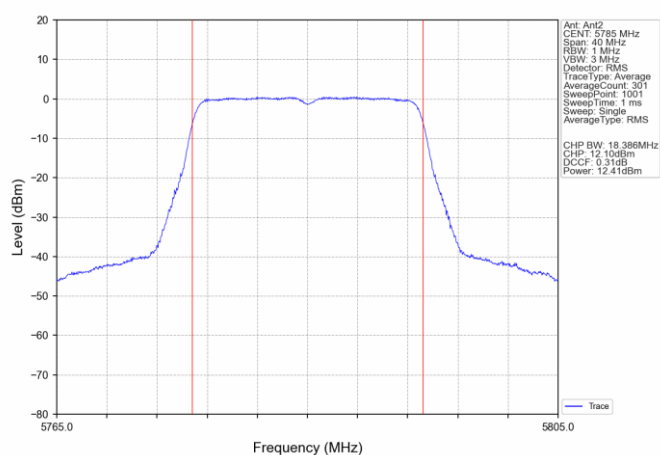




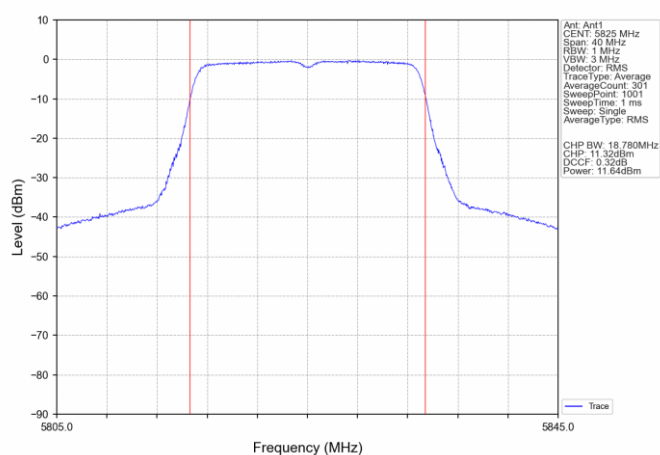
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant2_NTNV

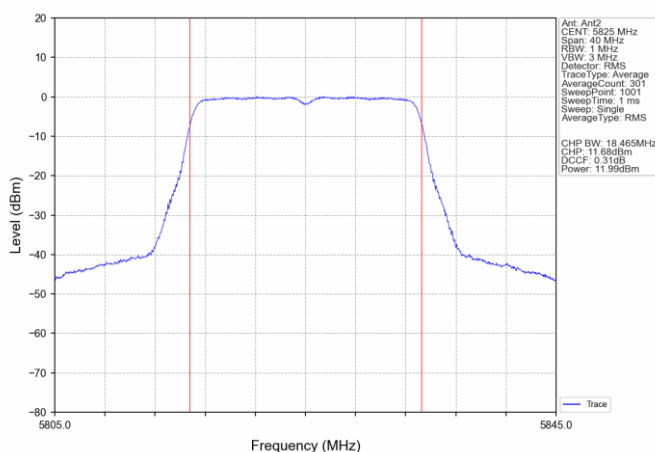


802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV

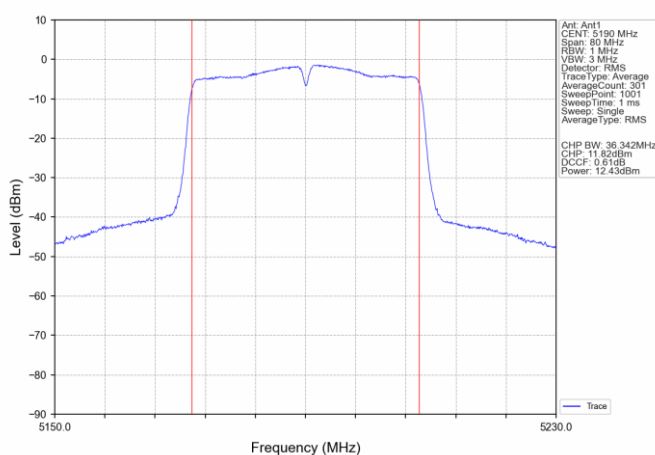




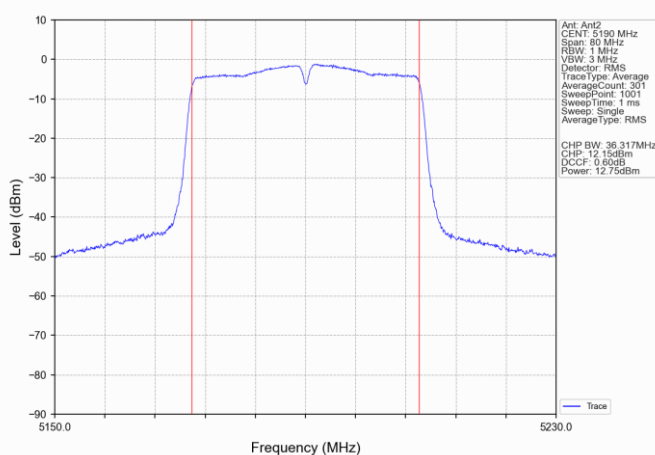
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant2_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_ / Ant1_NTNV

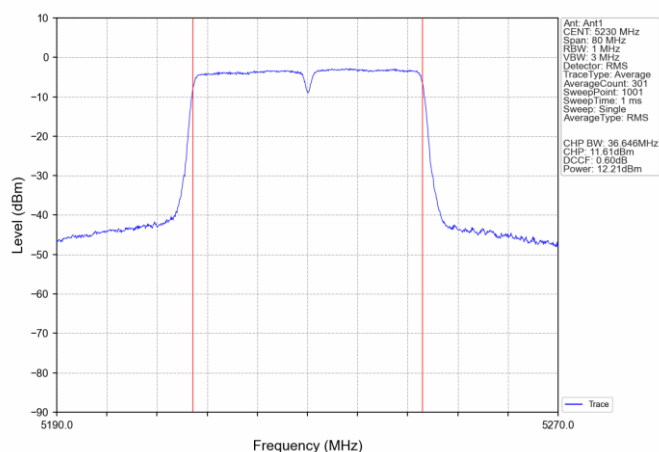


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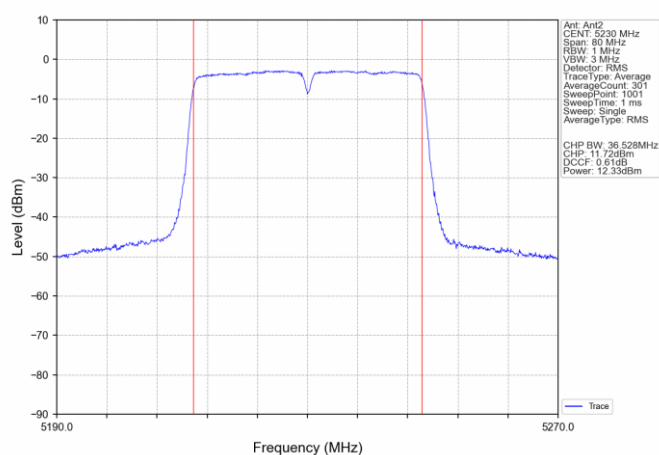




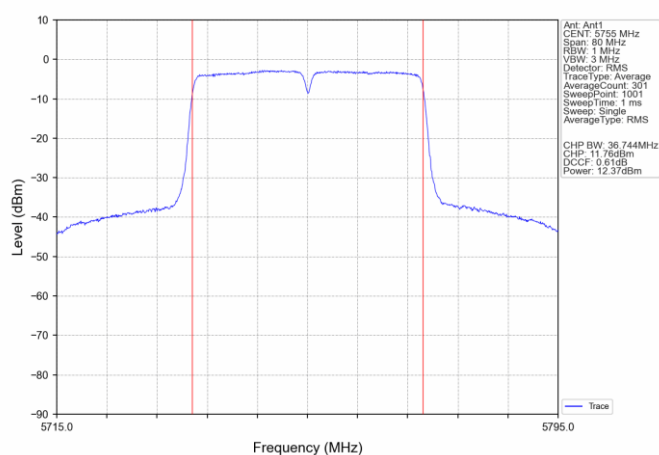
802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant2_NTNV

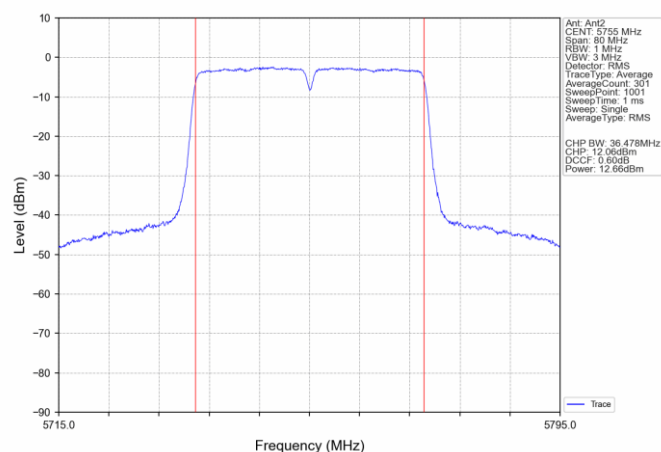


802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV

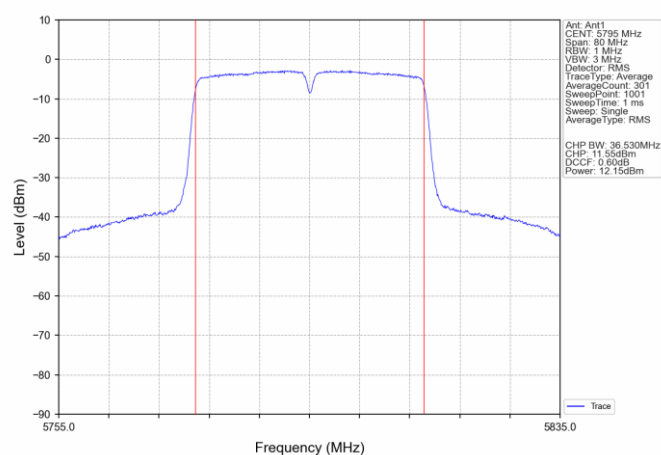




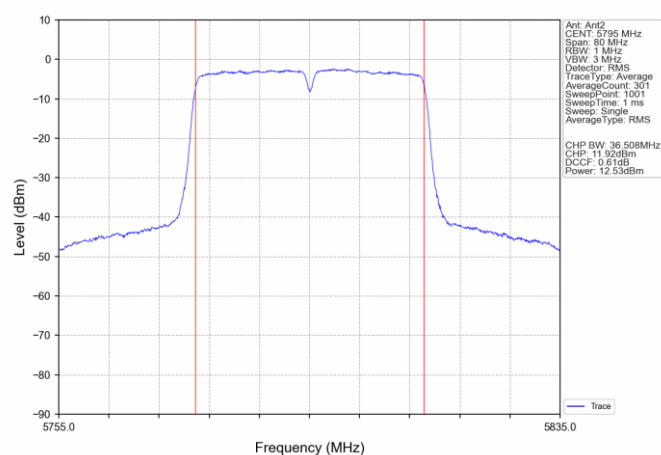
802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV

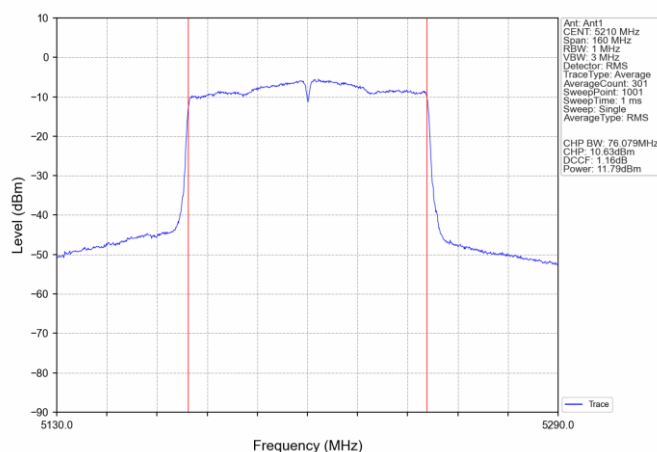


802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant2_NTNV

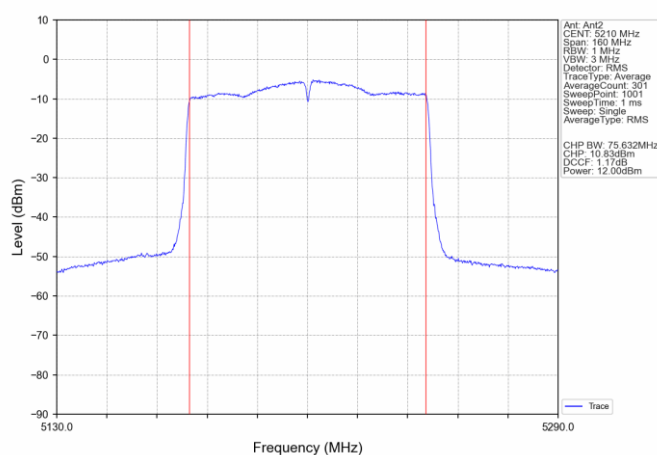




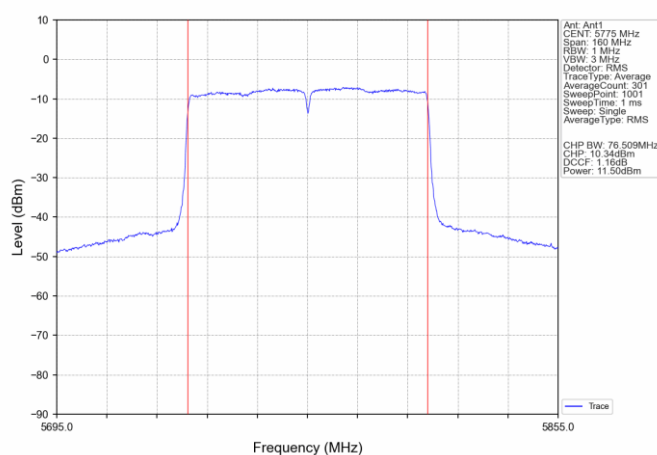
802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / Ant2_NTNV

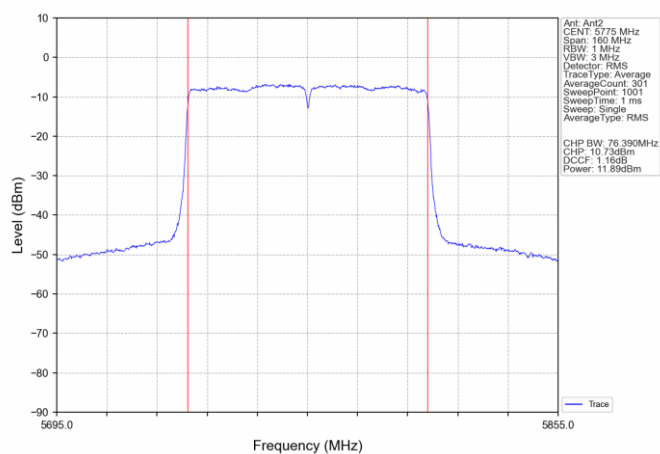


802.11ax(HEW80)_MCH_5775MHz_SU_ / Ant1_NTNV





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	/	/	5.19	5.15	/	<=11	Pass
		5200	/	/	3.55	3.84	/	<=11	Pass
		5240	/	/	3.57	3.73	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	2.59	2.72	/	<=11	Pass
		5200	/	/	1.32	1.39	/	<=11	Pass
		5240	/	/	0.95	1.06	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-0.73	-0.56	/	<=11	Pass
		5230	/	/	-2.08	-1.95	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	2.74	2.85	5.72	<=10.5	Pass
		5200	/	/	1.01	1.38	4.11	<=10.5	Pass
		5240	/	/	0.90	1.38	4.13	<=10.5	Pass
802.11n (HT40)	MIMO	5190	/	/	-0.63	-0.47	2.32	<=10.5	Pass
		5230	/	/	-1.97	-1.71	1.15	<=10.5	Pass
802.11ac (VHT20)	SISO	5180	/	/	2.76	2.52	/	<=11	Pass
		5200	/	/	1.29	1.50	/	<=11	Pass
		5240	/	/	1.11	1.18	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-0.83	-0.25	/	<=11	Pass
		5230	/	/	-2.11	-2.01	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-4.40	-4.09	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	2.70	2.74	5.65	<=11	Pass
		5200	/	/	1.20	1.51	4.24	<=11	Pass
		5240	/	/	1.01	1.25	4.05	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-0.56	-0.53	2.42	<=11	Pass
		5230	/	/	-2.14	-1.79	0.91	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.54	-4.15	-1.40	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	2.55	2.68	/	<=11	Pass
		5200	SU	/	1.12	1.37	/	<=11	Pass
		5240	SU	/	1.08	1.17	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-0.61	-0.57	/	<=11	Pass
		5230	SU	/	-2.02	-1.91	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-4.28	-4.19	/	<=11	Pass
802.11ax	MIMO	5180	SU	/	2.55	2.76	5.53	<=11	Pass



(HEW20)		5200	SU	/	1.16	1.59	4.23	<=11	Pass
		5240	SU	/	1.14	1.23	4.10	<=11	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-0.56	-0.41	2.41	<=10.5	Pass
		5230	SU	/	-2.32	-2.02	0.85	<=10.5	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-4.69	-4.25	-1.51	<=10.5	Pass
Note1: Antenna Gain: Ant1: 3.59dBi; Ant2: 3.38dBi; Note2: Directional Gain: 6.50dBi									



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	/	/	-0.07	0.62	/	<=30	Pass
		5785	/	/	0.10	0.21	/	<=30	Pass
		5825	/	/	-0.19	0.00	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-2.58	-2.05	/	<=30	Pass
		5785	/	/	-2.44	-2.14	/	<=30	Pass
		5825	/	/	-2.90	-2.71	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-4.97	-4.70	/	<=30	Pass
		5795	/	/	-4.71	-4.79	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-2.53	-1.71	0.83	<=29.5	Pass
		5785	/	/	-2.44	-2.00	0.64	<=29.5	Pass
		5825	/	/	-2.95	-2.42	0.18	<=29.5	Pass
802.11n (HT40)	MIMO	5755	/	/	-4.83	-4.54	-1.94	<=29.5	Pass
		5795	/	/	-4.99	-4.69	-2.01	<=29.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	-2.56	-2.04	/	<=30	Pass
		5785	/	/	-2.63	-2.30	/	<=30	Pass
		5825	/	/	-2.76	-2.73	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-4.70	-4.68	/	<=30	Pass
		5795	/	/	-4.76	-4.42	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-8.65	-8.31	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-2.67	-1.91	0.57	<=29.5	Pass
		5785	/	/	-2.70	-2.11	0.47	<=29.5	Pass
		5825	/	/	-2.94	-2.40	0.30	<=29.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-4.84	-4.51	-1.93	<=29.5	Pass
		5795	/	/	-4.82	-4.78	-1.86	<=29.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-8.56	-8.36	-5.56	<=29.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-2.50	-2.08	/	<=30	Pass
		5785	SU	/	-2.44	-2.29	/	<=30	Pass
		5825	SU	/	-2.81	-2.53	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-5.03	-4.53	/	<=30	Pass
		5795	SU	/	-5.05	-5.10	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-8.72	-8.27	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-2.52	-1.89	0.64	<=29.5	Pass
		5785	SU	/	-2.47	-2.08	0.56	<=29.5	Pass



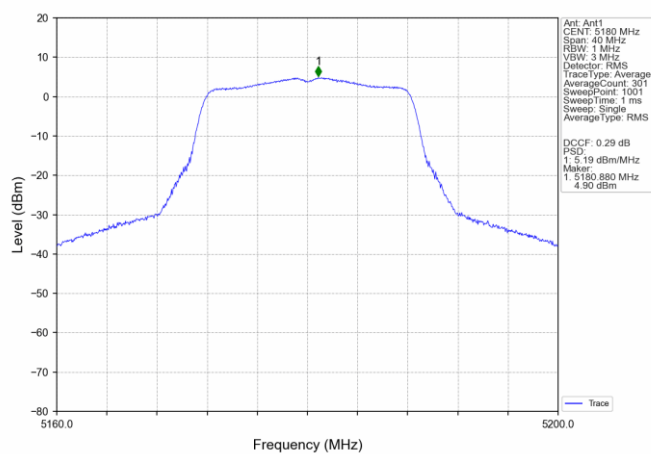
		5825	SU	/	-2.87	-2.55	<=29.5	<=30	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-5.11	-4.63	<=29.5	<=30	Pass
		5795	SU	/	-5.10	-4.81	<=29.5	<=30	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-8.69	-8.18	<=29.5	<=30	Pass
Note1: Antenna Gain: Ant1: 3.59dBi; Ant2: 3.38dBi; Note2: Directional Gain: 6.50dBi									



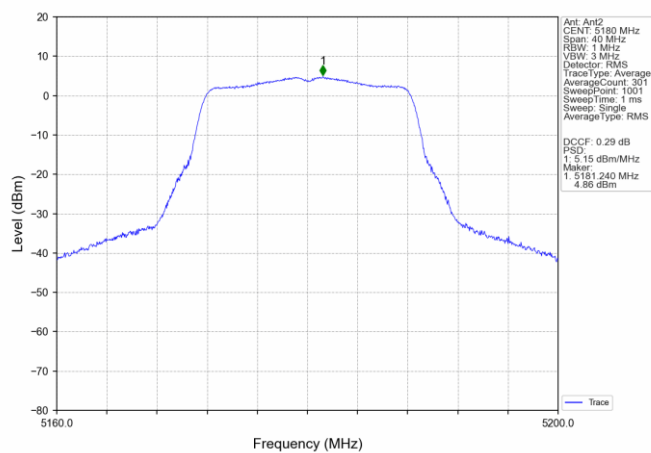
4.2 Test Graph

4.2.1 PSD

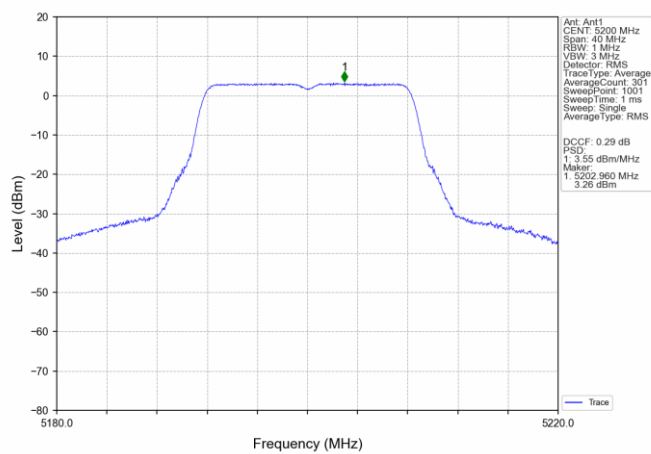
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

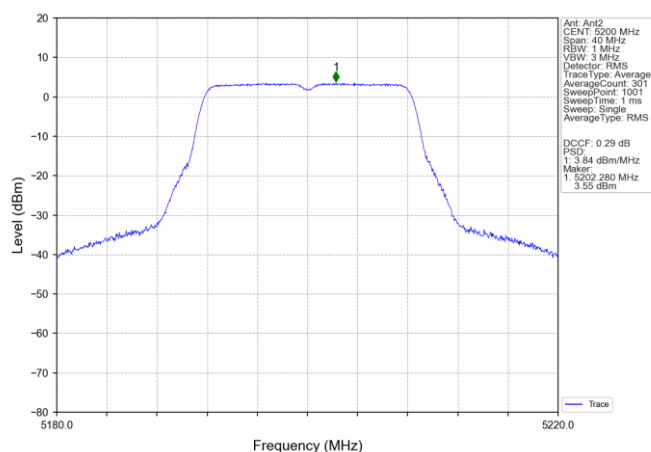


802.11a_MCH_5200MHz_Ant1_NTNV

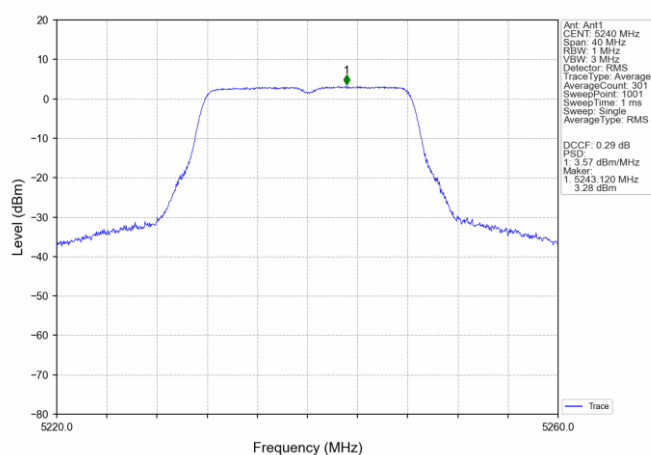




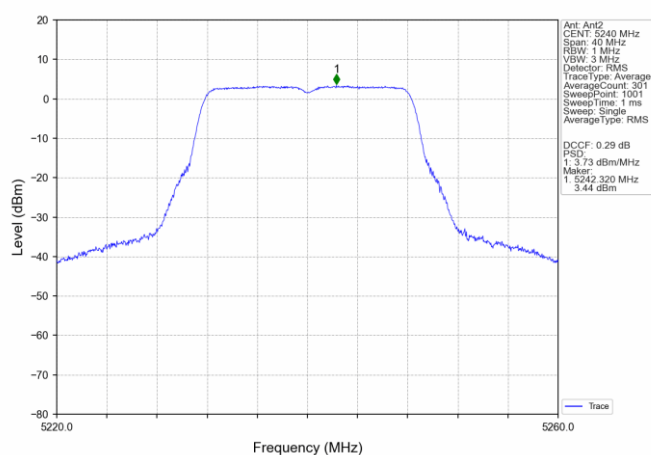
802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

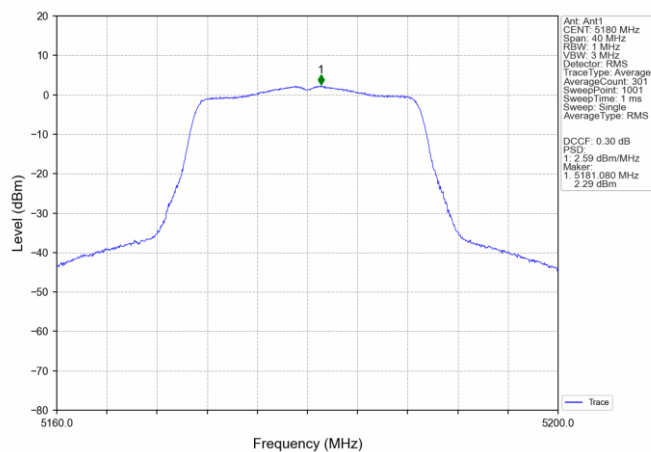


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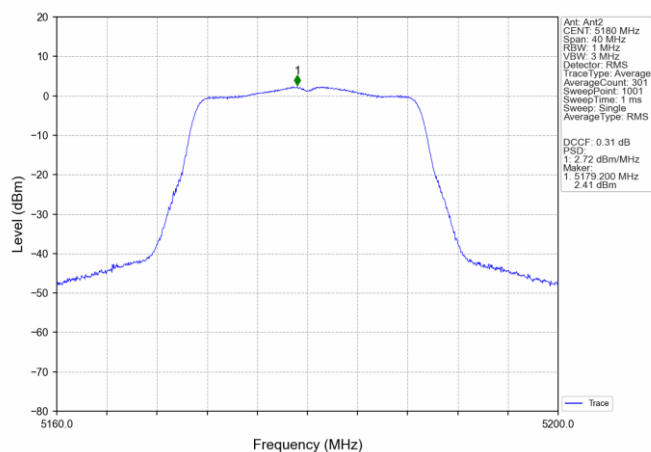




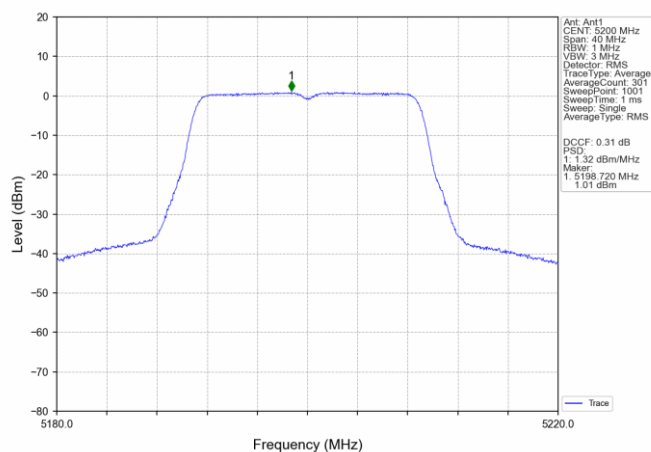
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

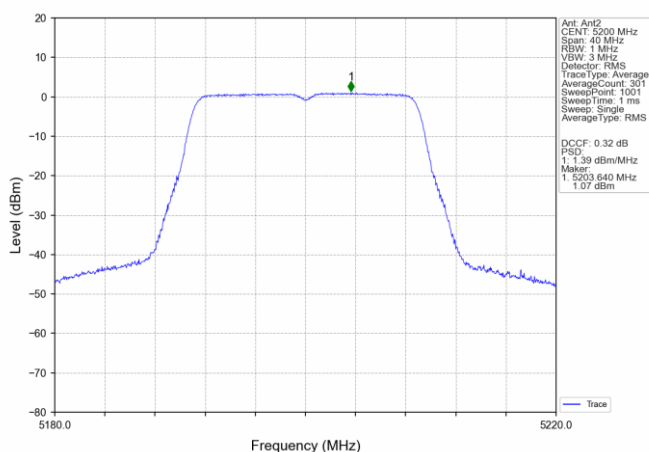


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

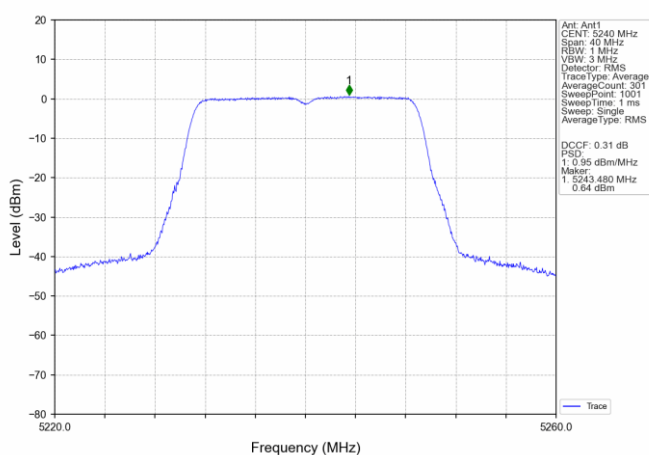




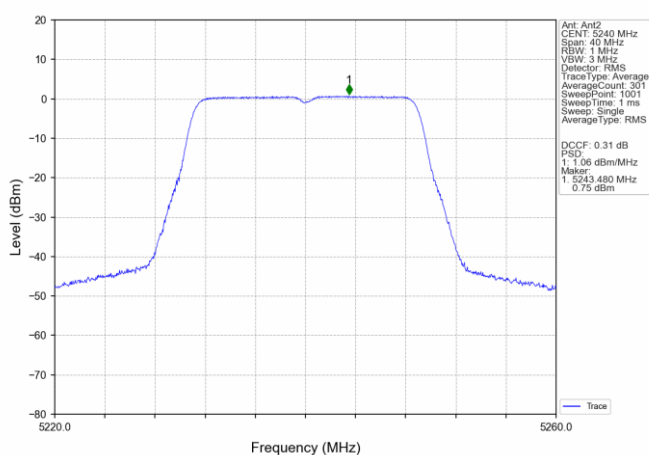
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

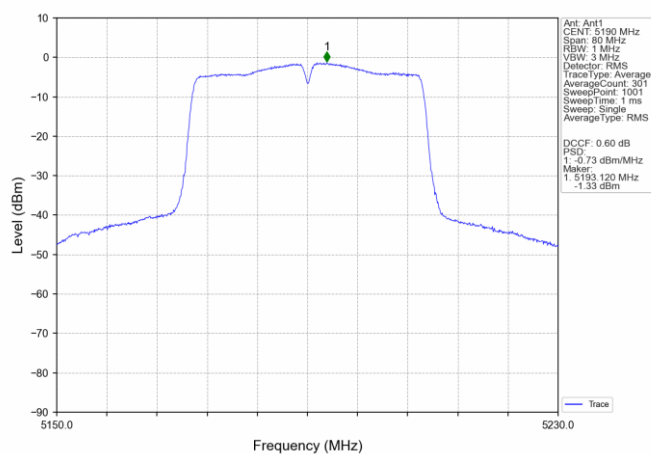


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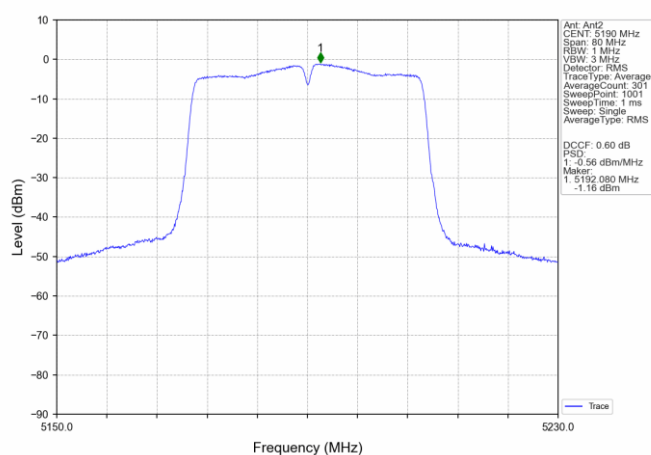




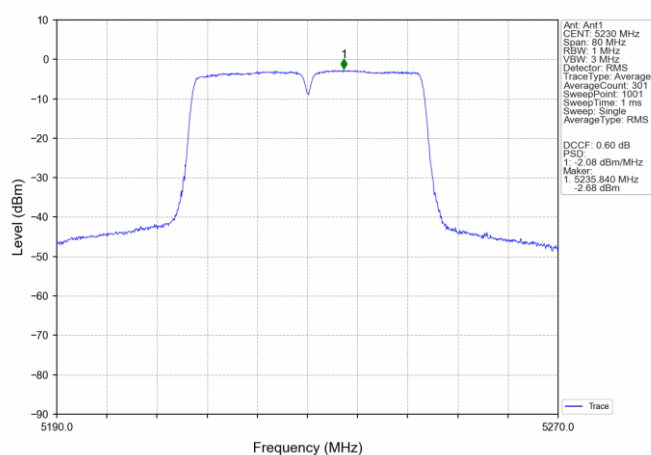
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

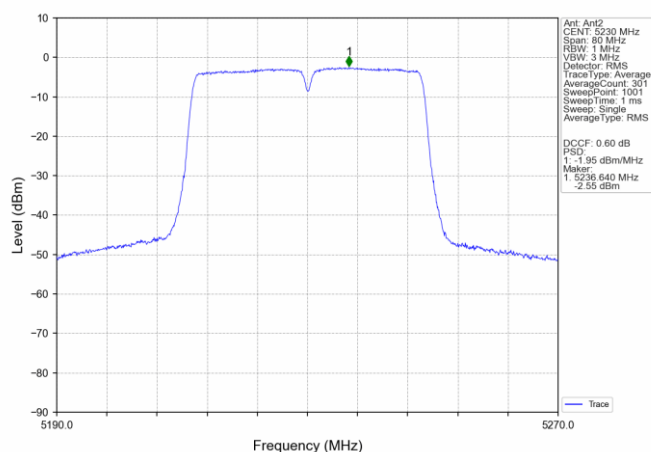


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

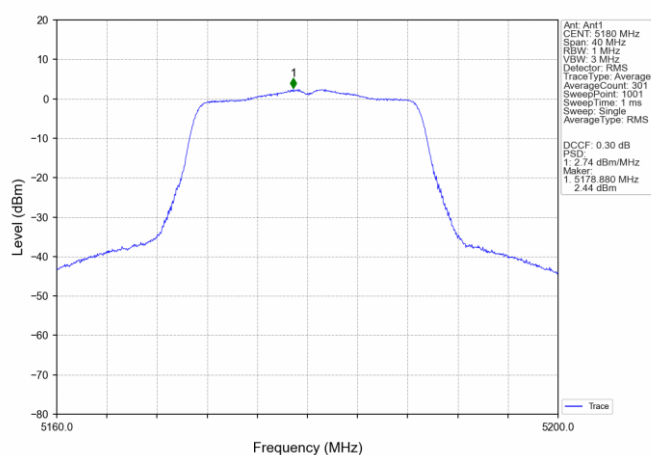




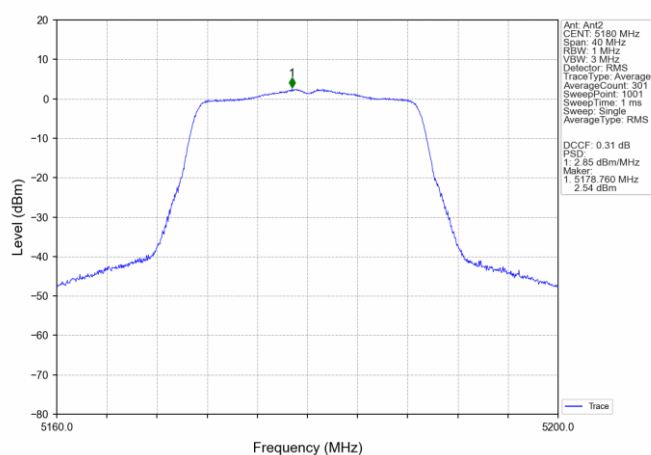
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

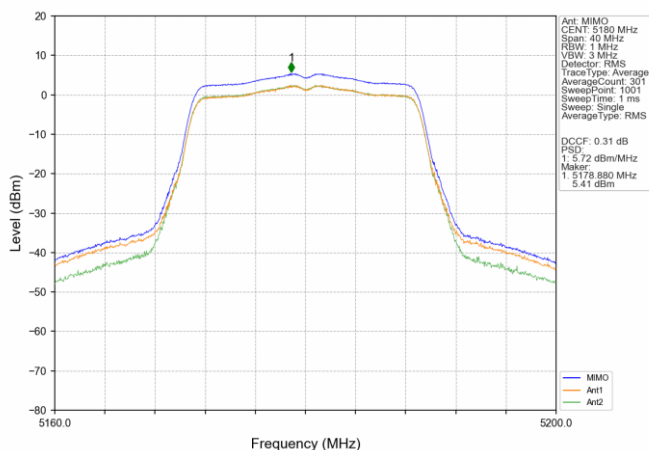


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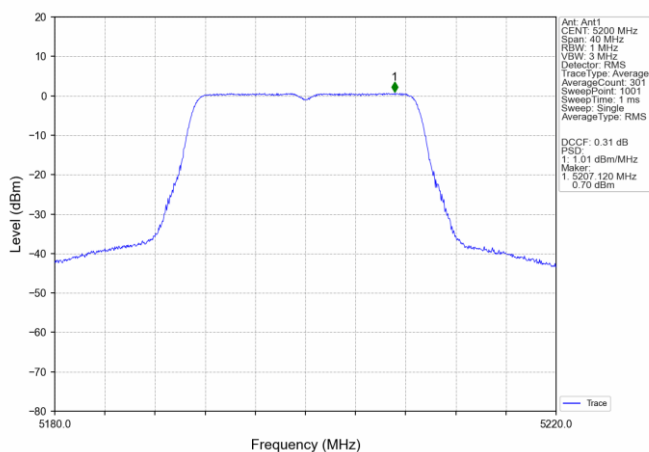




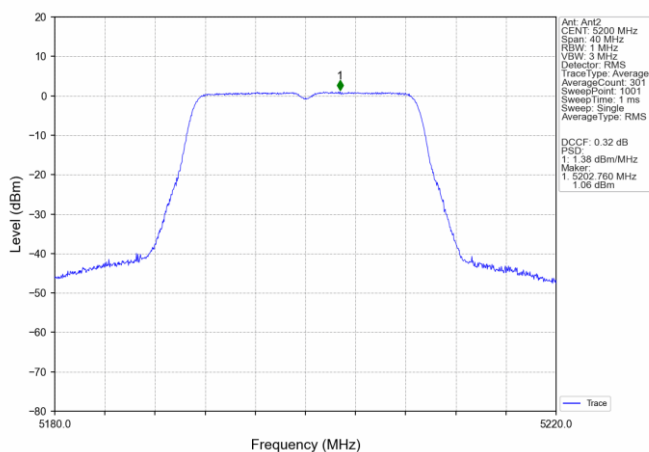
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

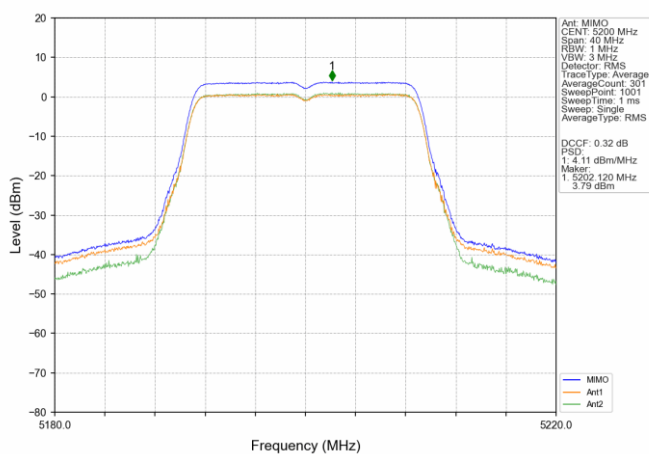


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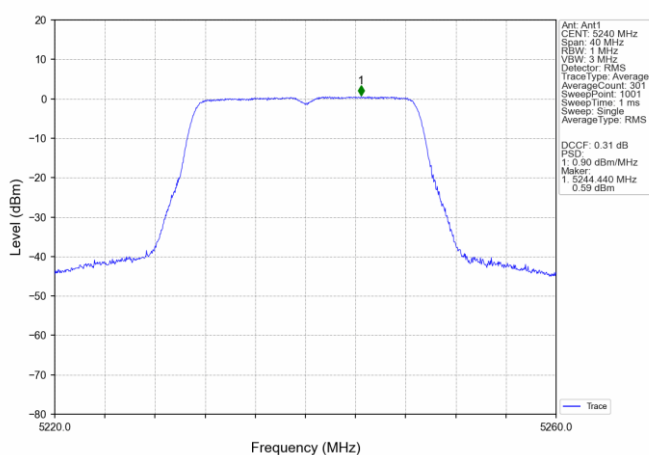




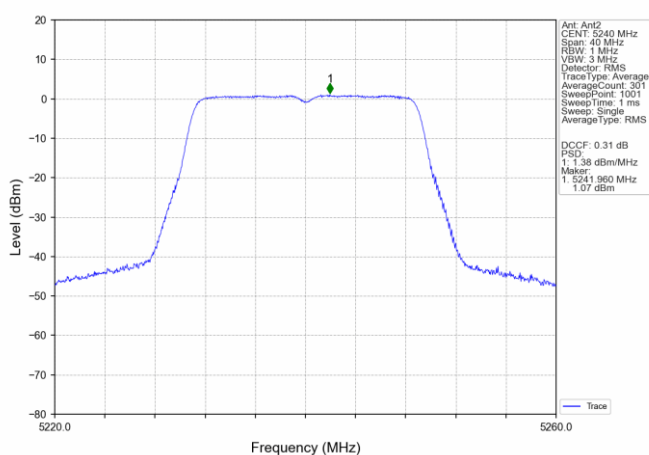
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

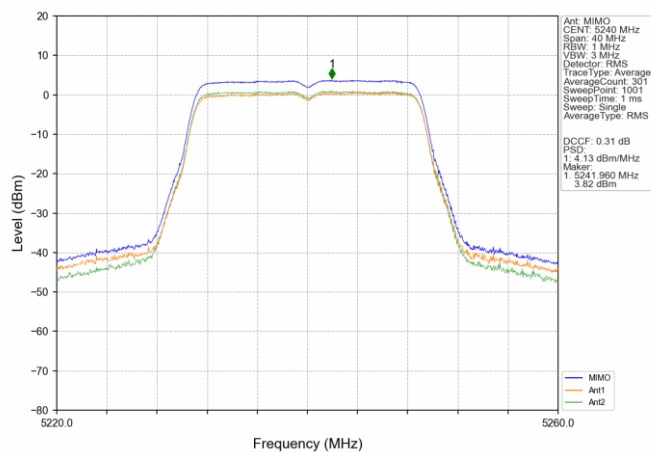


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

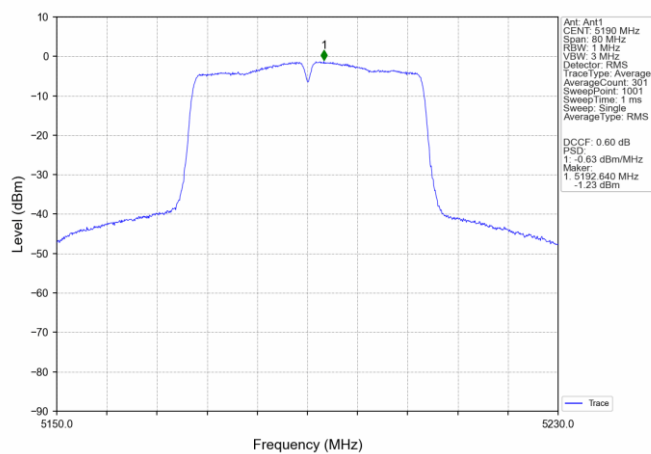




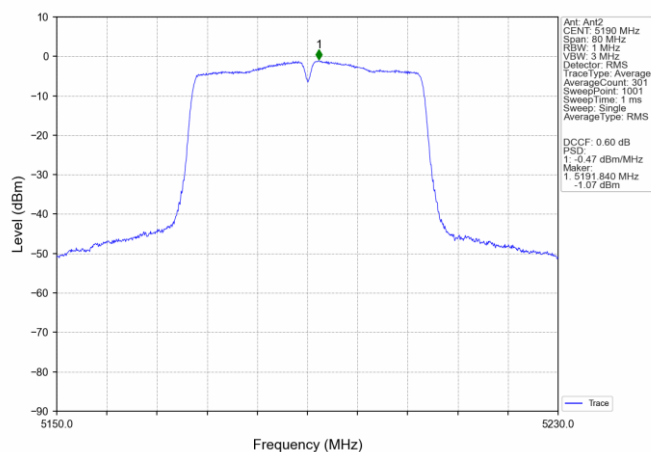
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

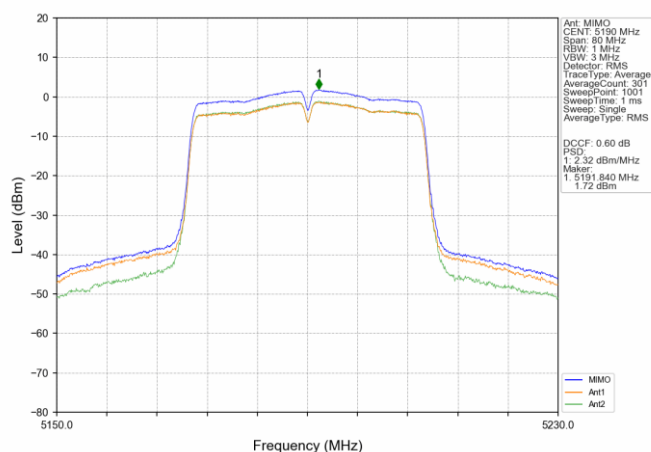


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

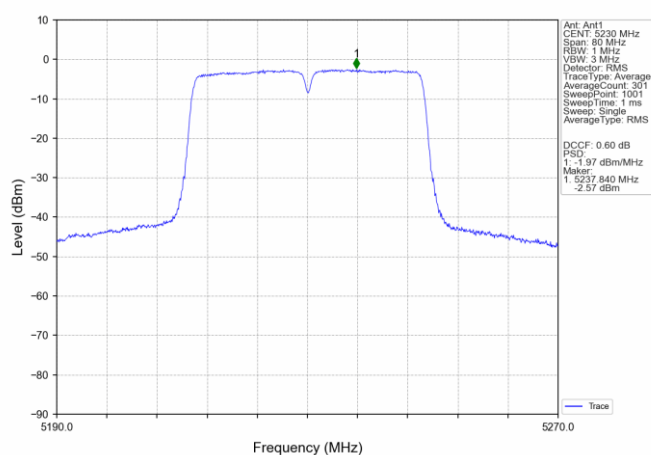




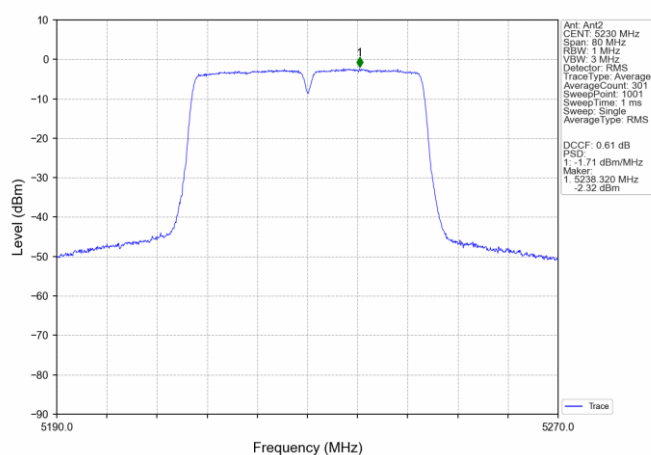
802.11n(HT40) LCH 5190MHz MIMO_NTNV



802.11n(HT40) HCH 5230MHz Ant1_NTNV

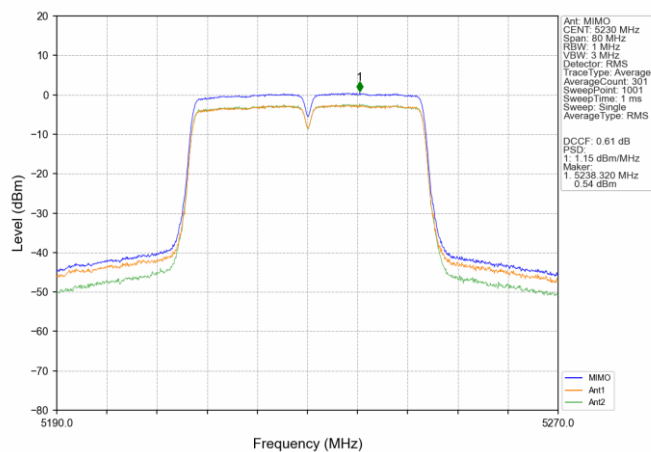


802.11n(HT40) HCH 5230MHz Ant2_NTNV

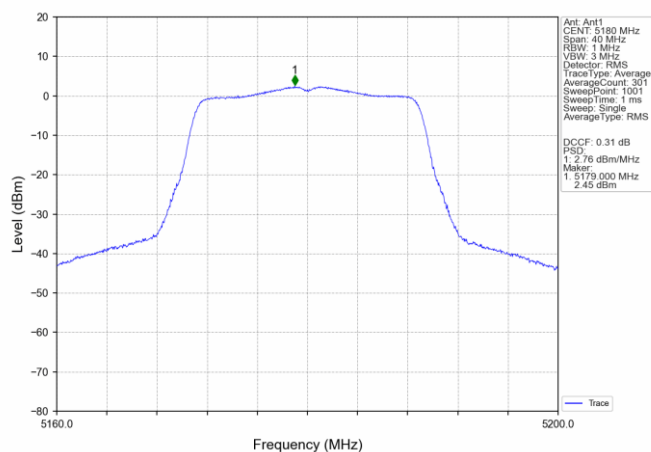




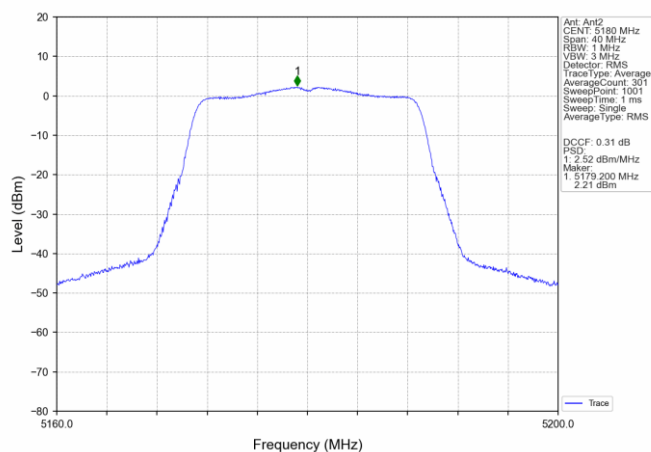
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

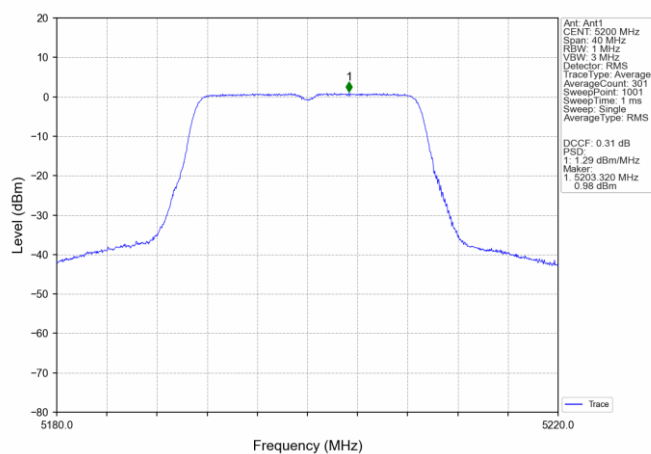


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

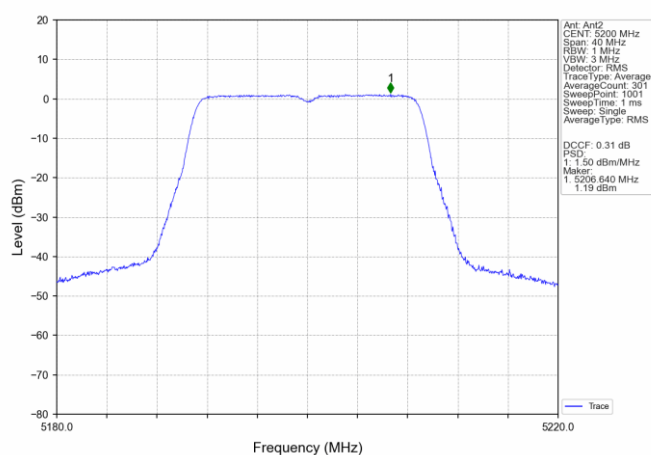




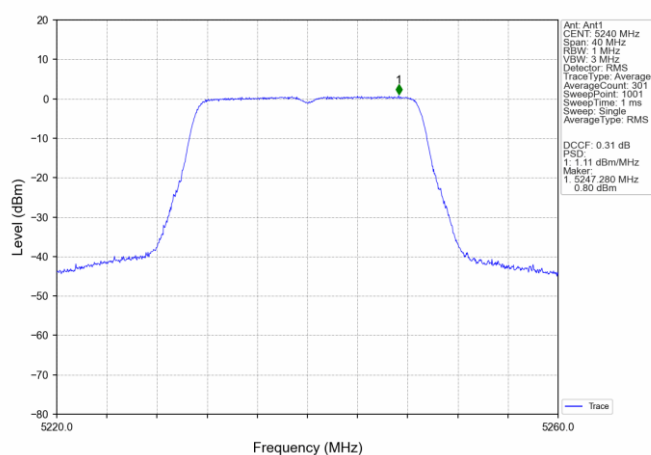
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5200MHz_Ant2_NTNV

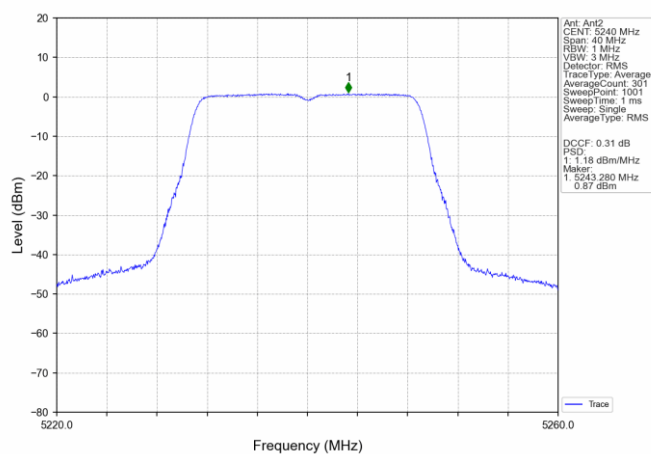


802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV

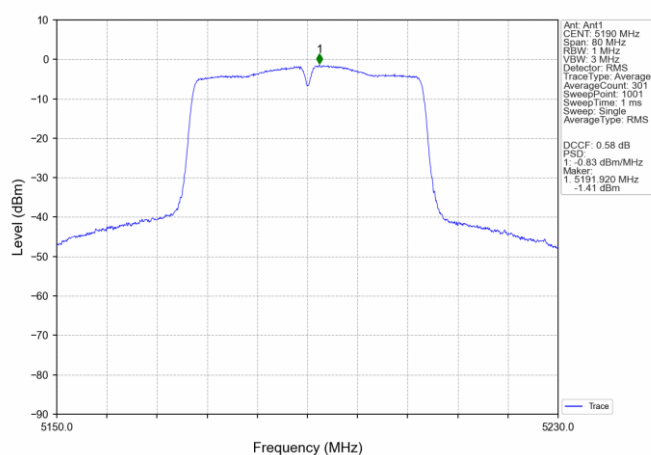




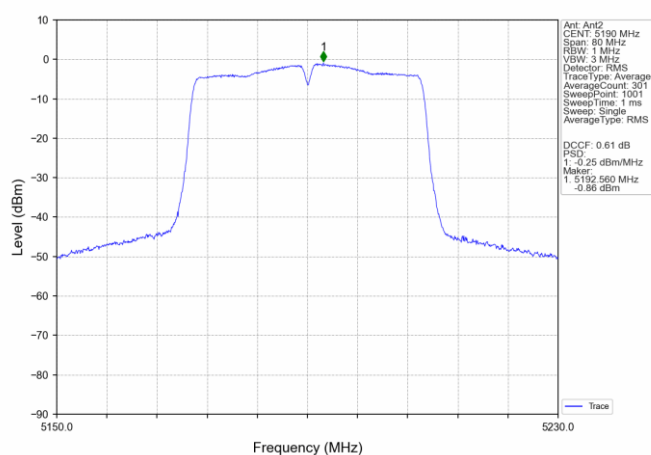
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

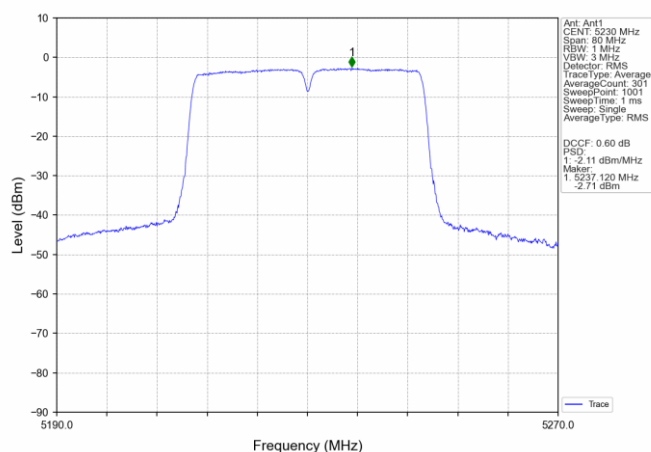


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

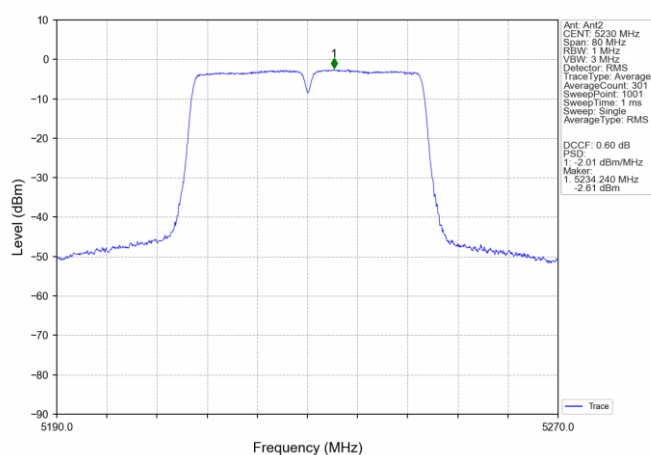




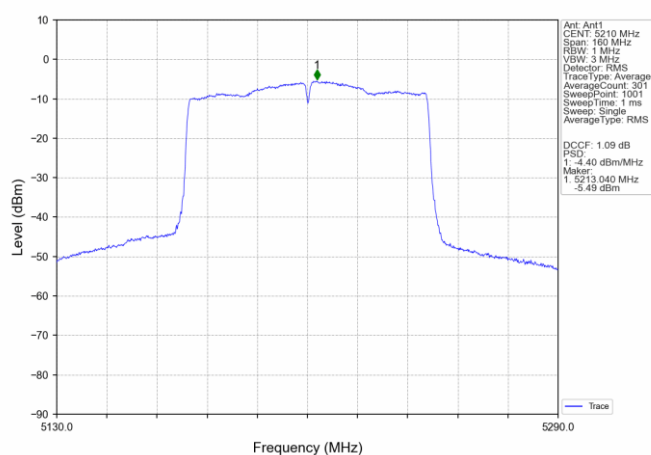
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40) HCH_5230MHz_Ant2_NTNV

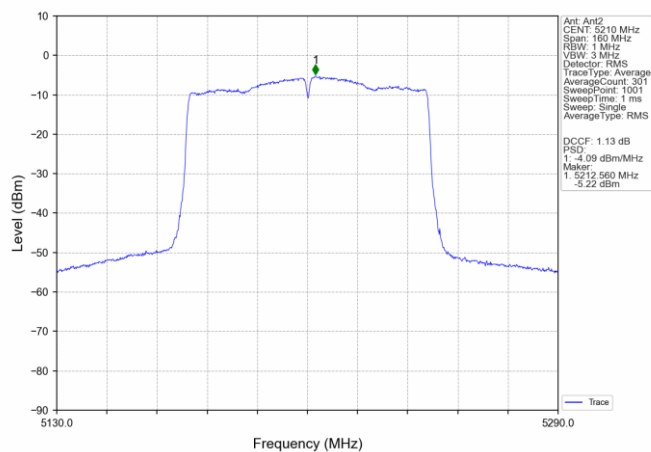


802.11ac(VHT80) MCH_5210MHz_Ant1_NTNV

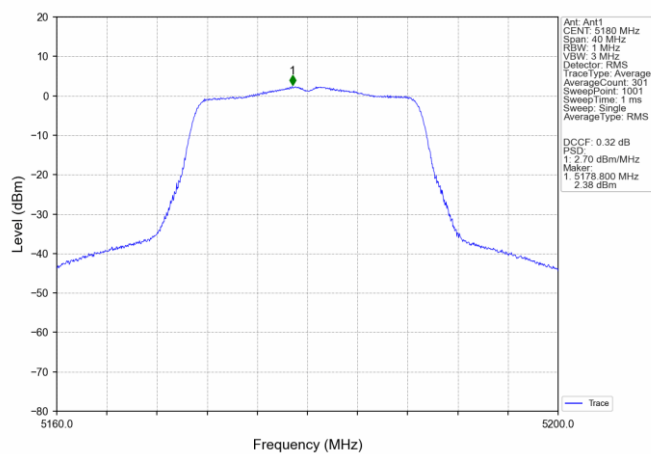




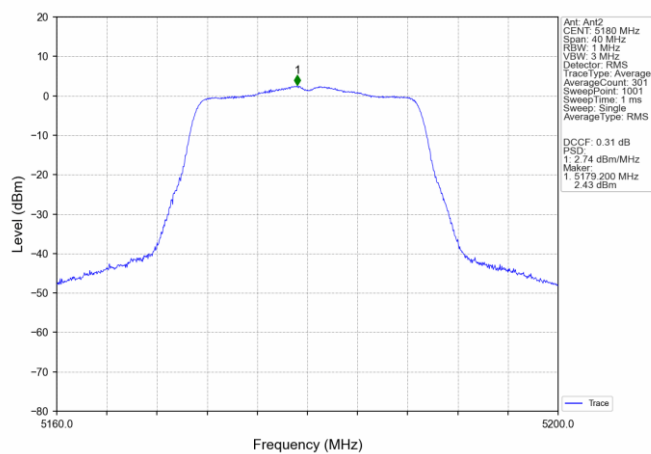
802.11ac(VHT80) MCH_5210MHz_Ant2_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV

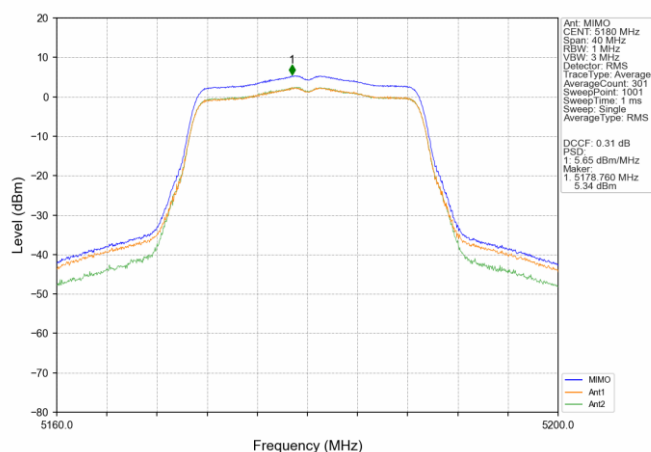


802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV

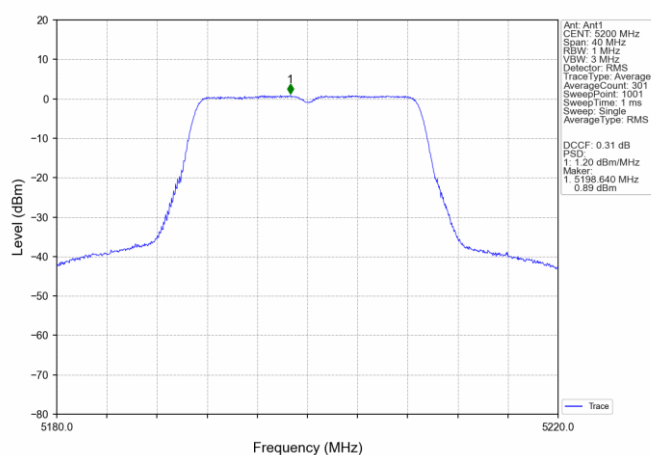




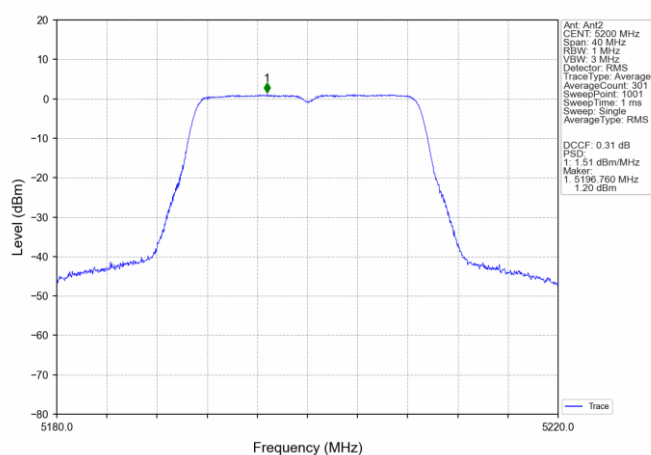
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

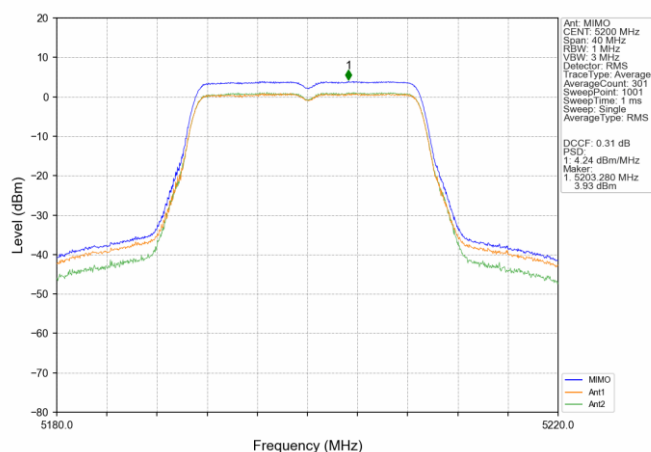


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

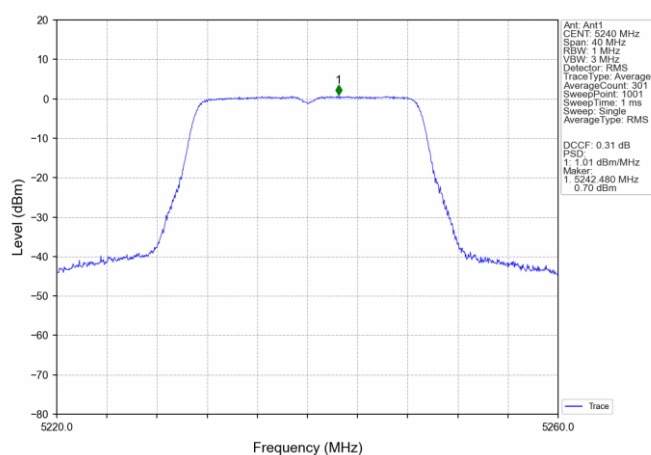




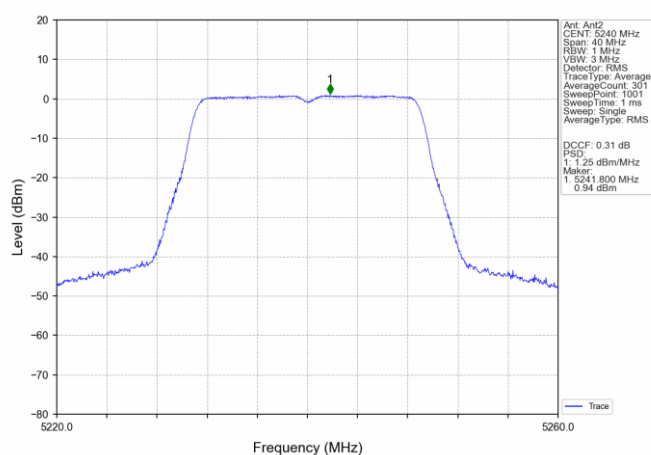
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

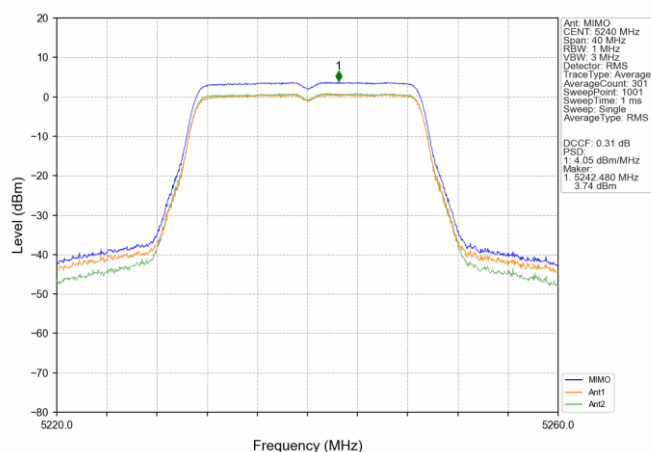


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

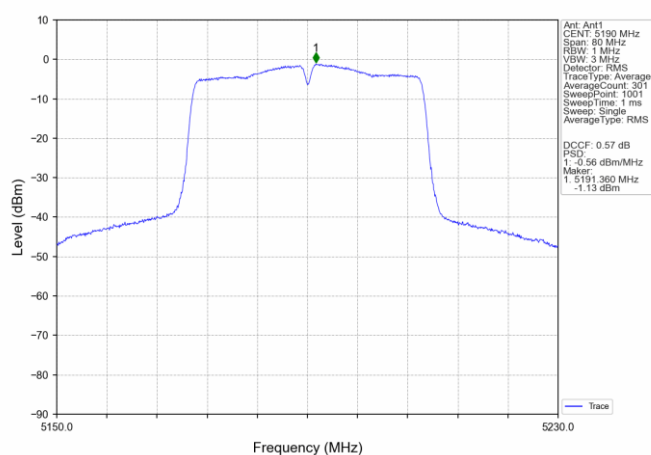




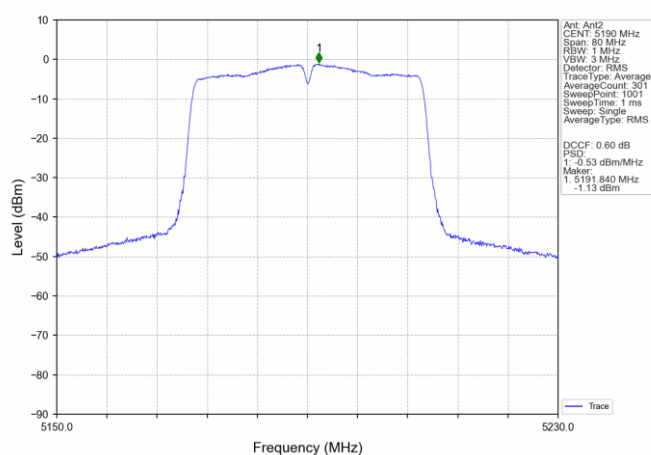
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

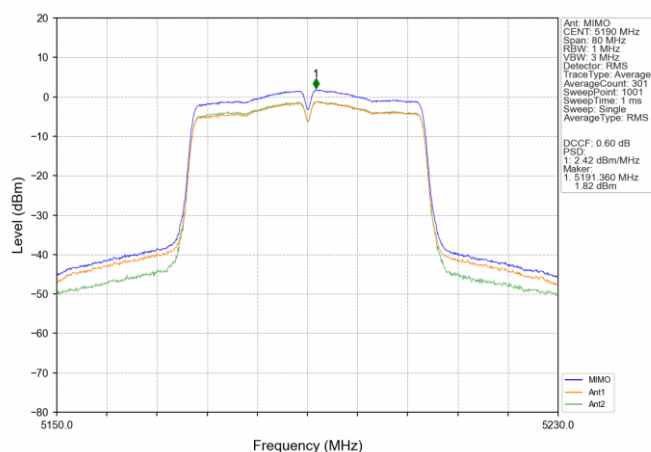


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

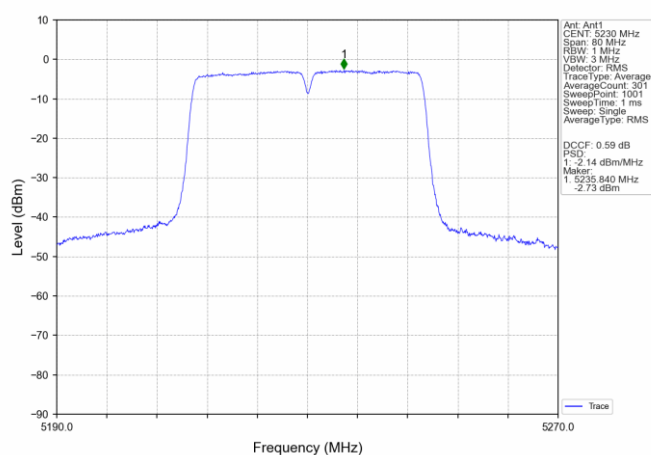




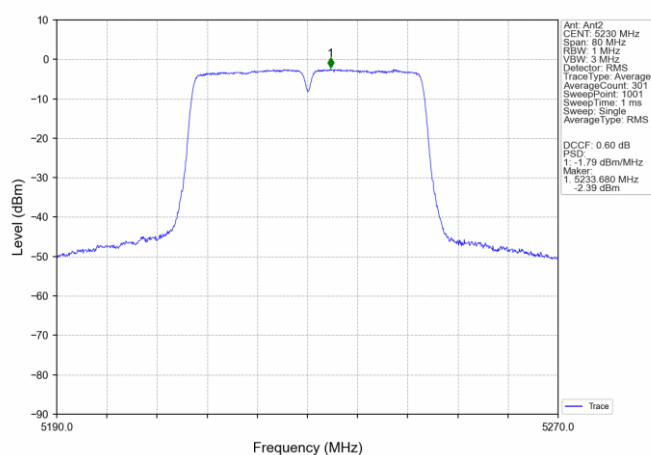
802.11ac(VHT40) LCH 5190MHz_MIMO_NTNV



802.11ac(VHT40) HCH 5230MHz_Ant1_NTNV

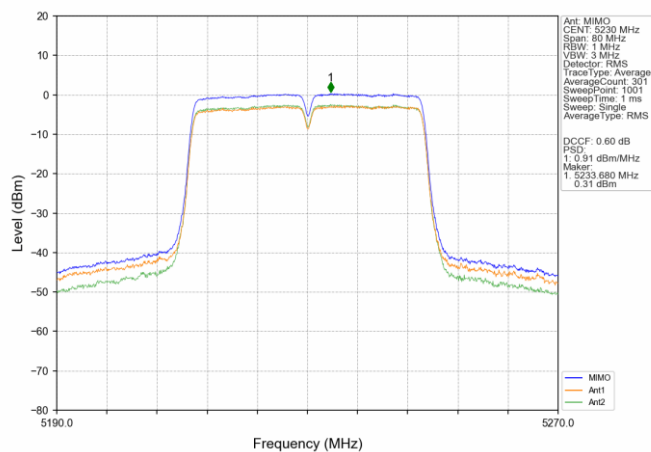


802.11ac(VHT40) HCH 5230MHz_Ant2_NTNV

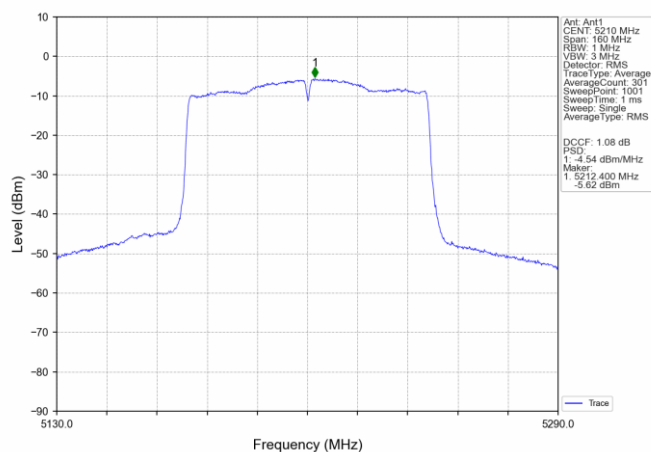




802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

