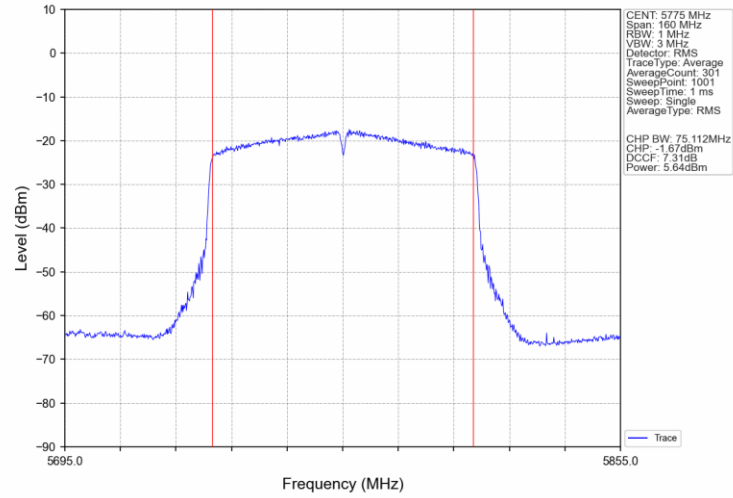
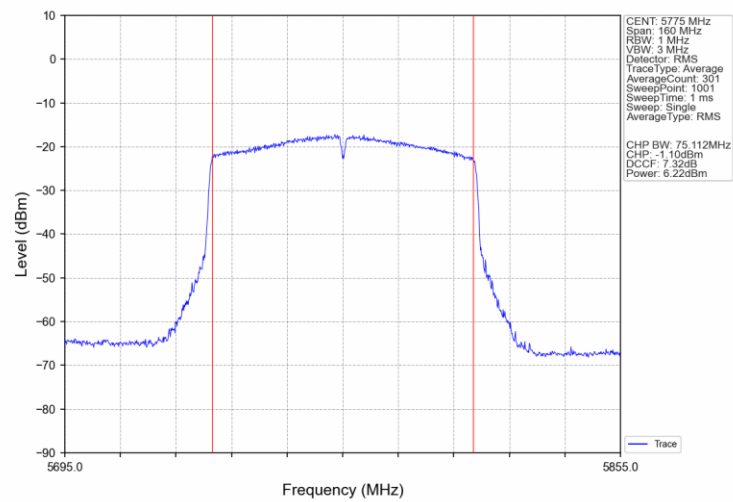




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



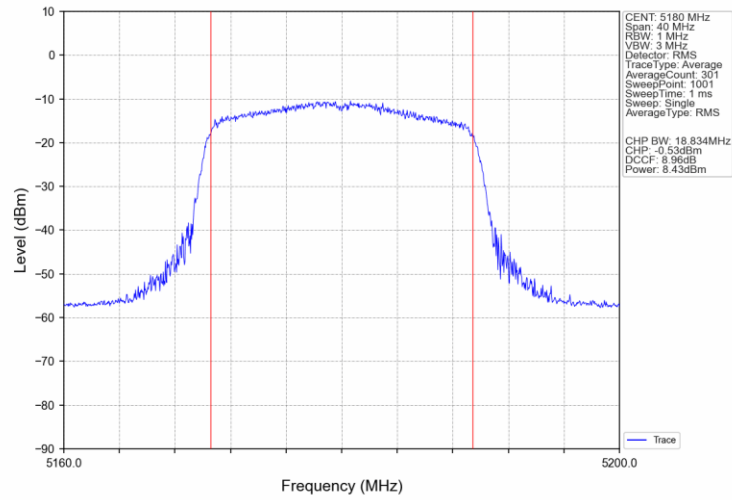
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



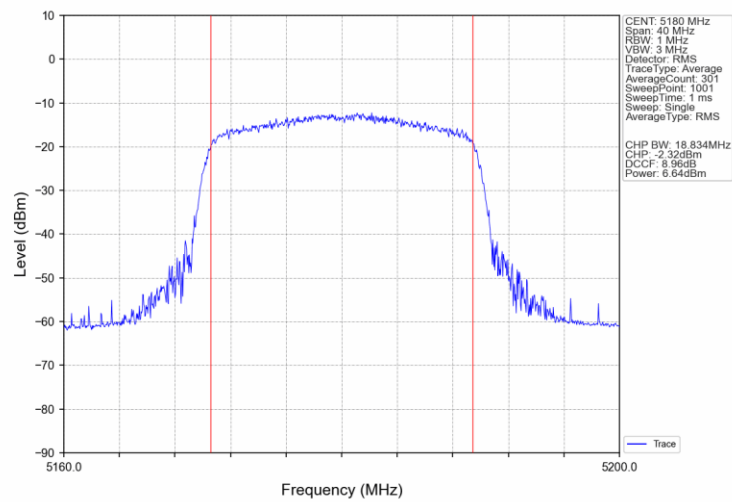


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802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



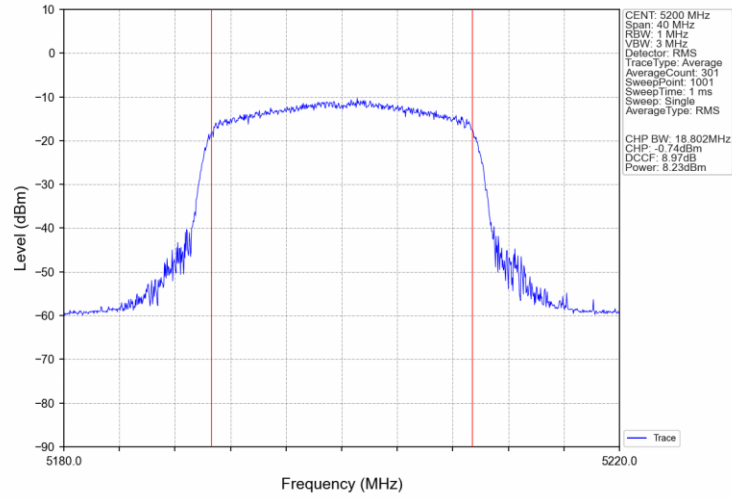
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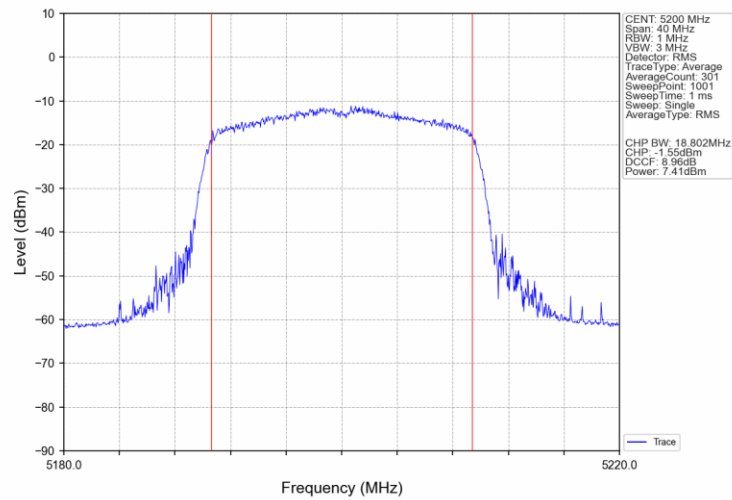


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802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV

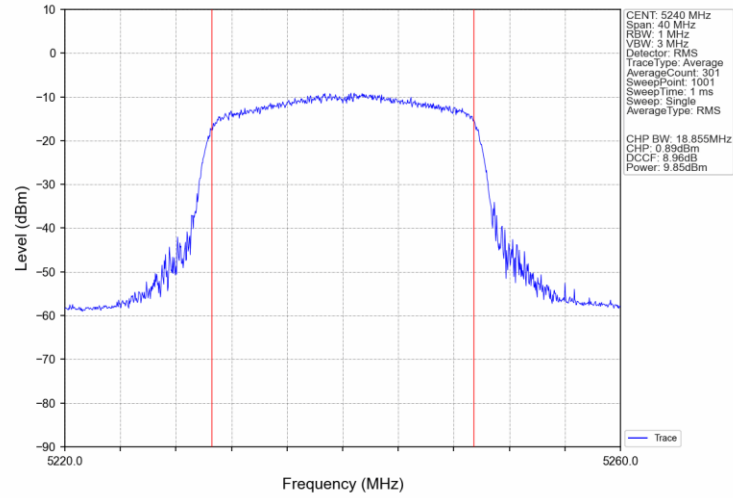


802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV

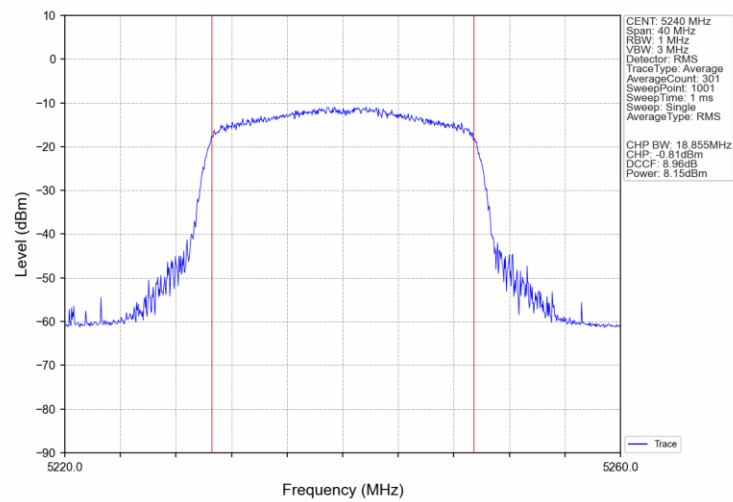




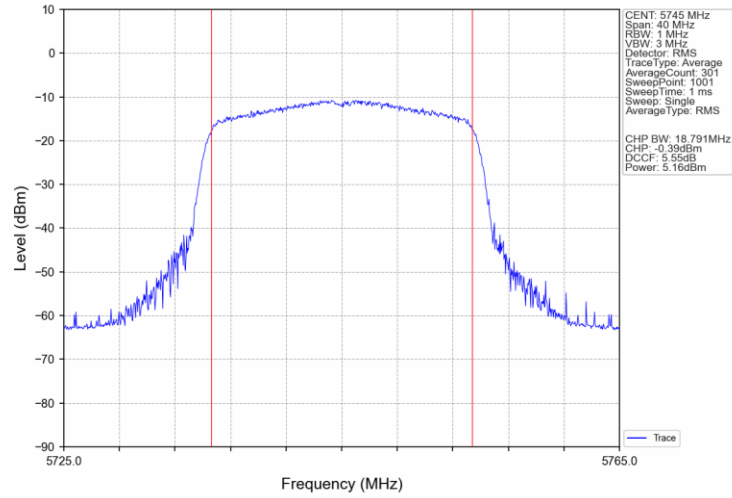
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



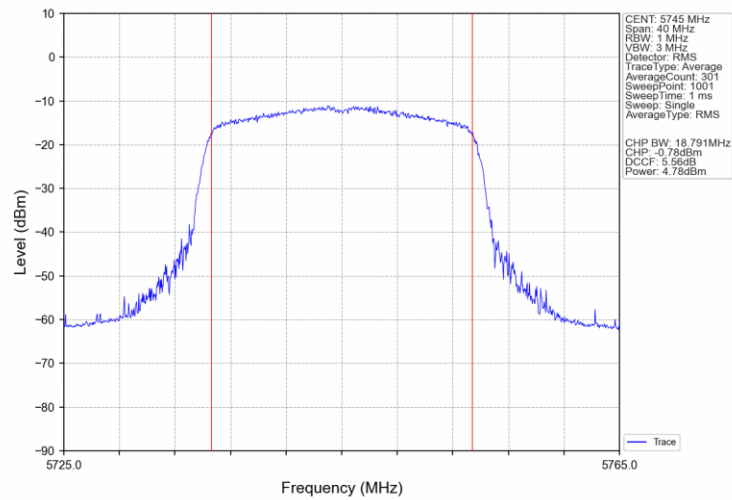
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802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant1_NTNV

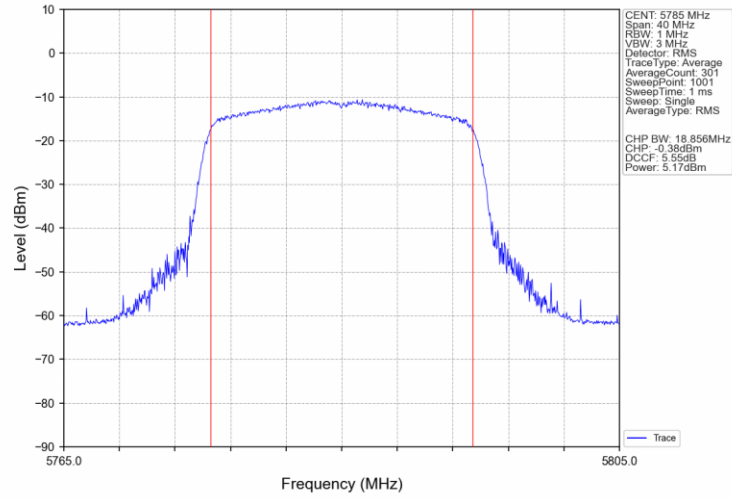


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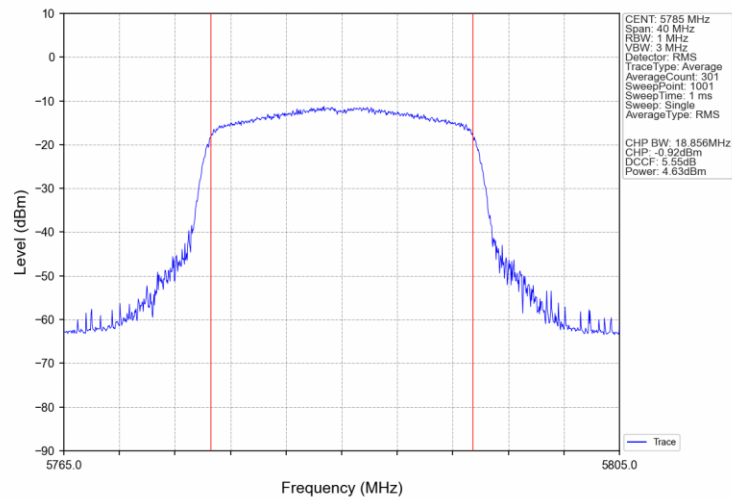




802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV

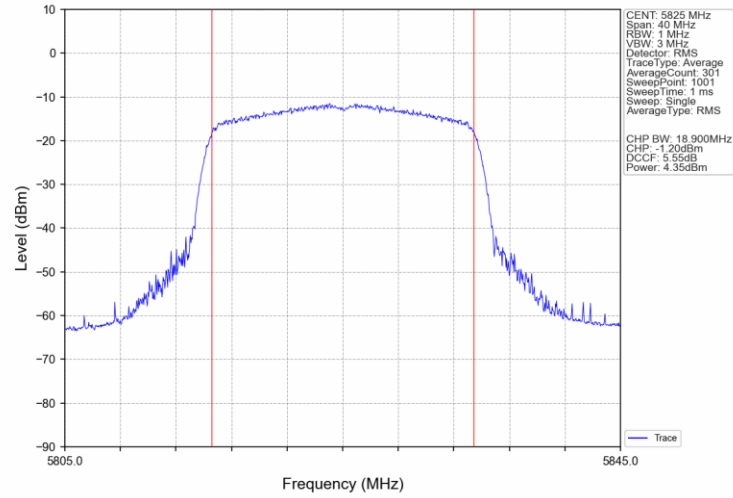


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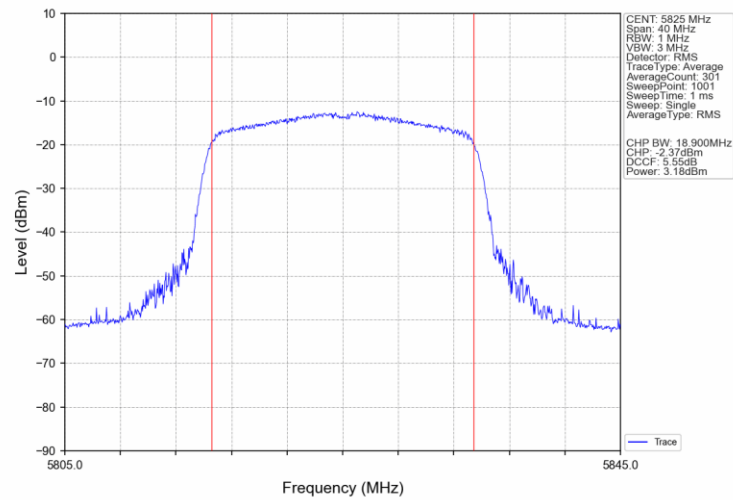




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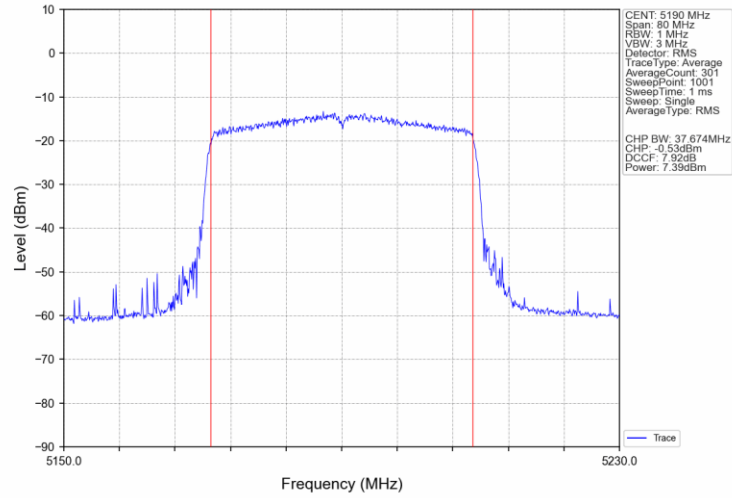


802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant2_NTNV

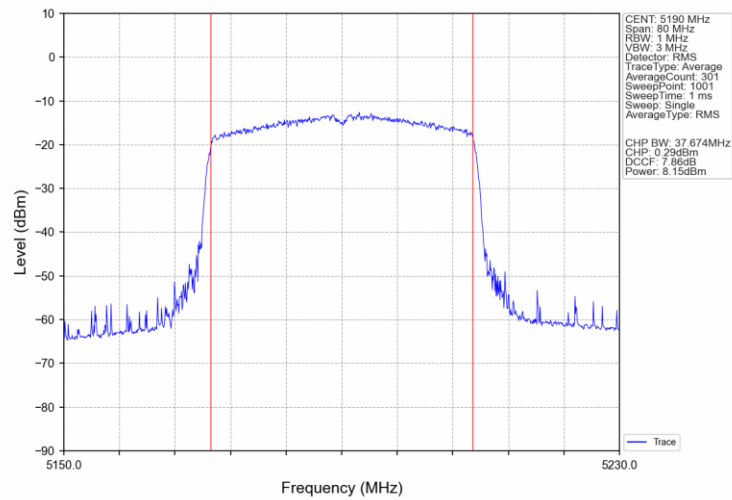




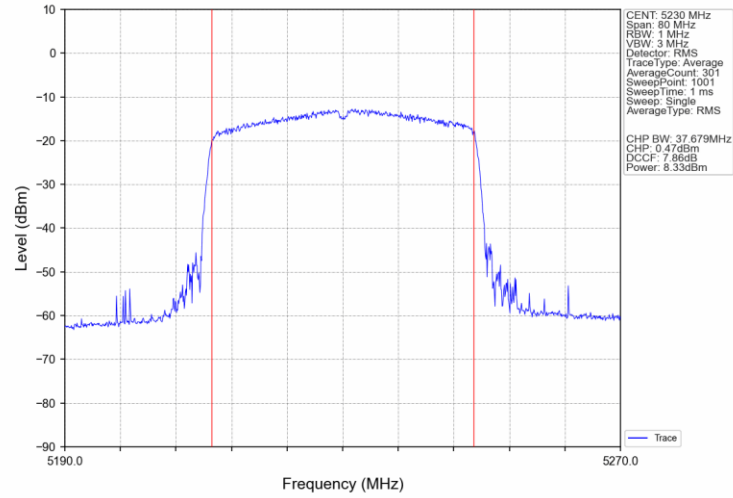
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



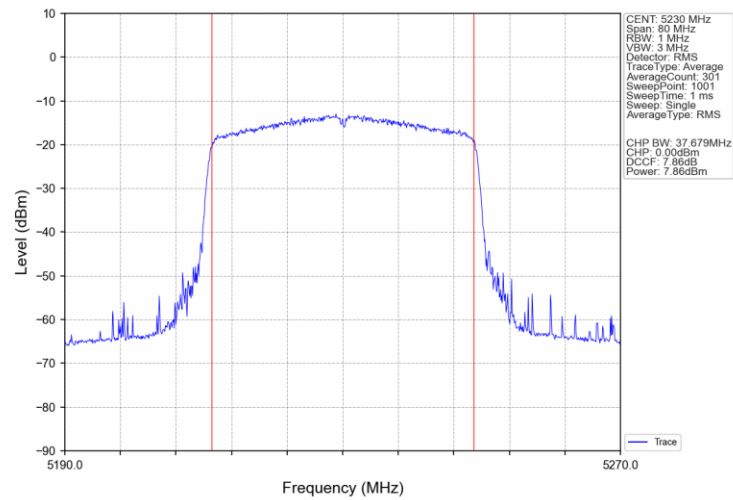
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802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV

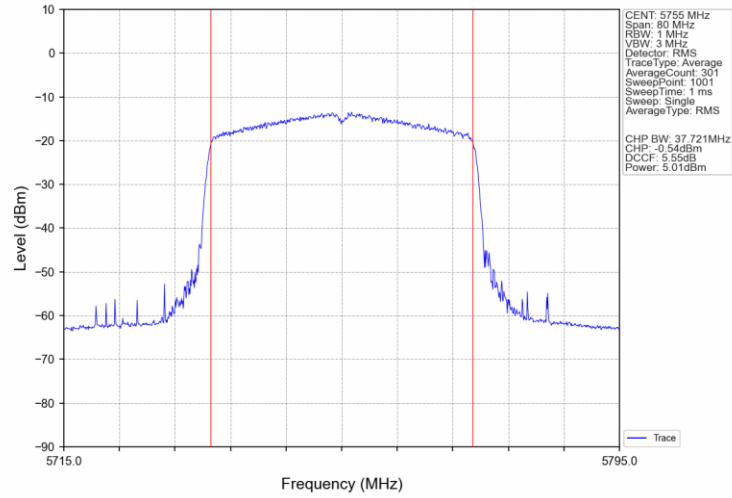


802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant2_NTNV

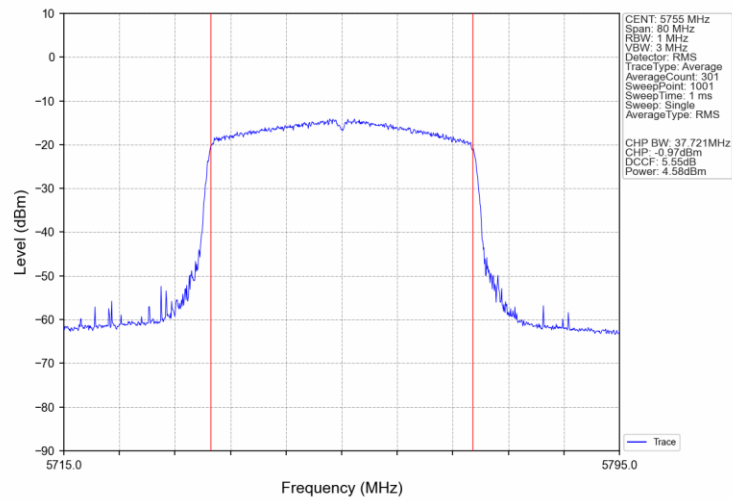


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802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV



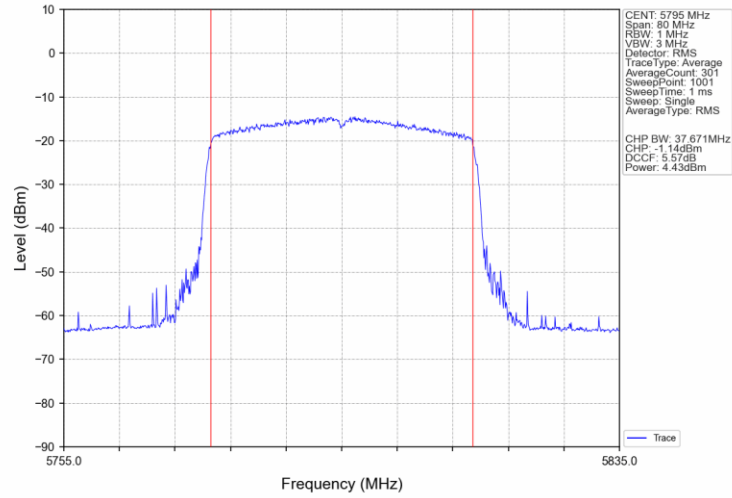
802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant2_NTNV



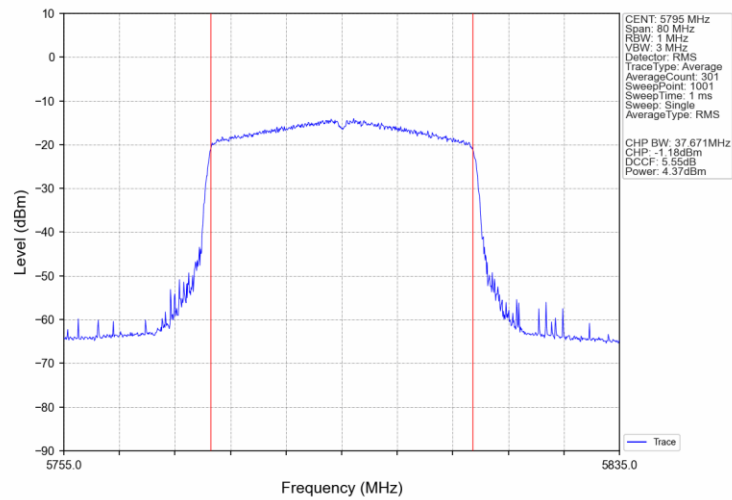


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802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV

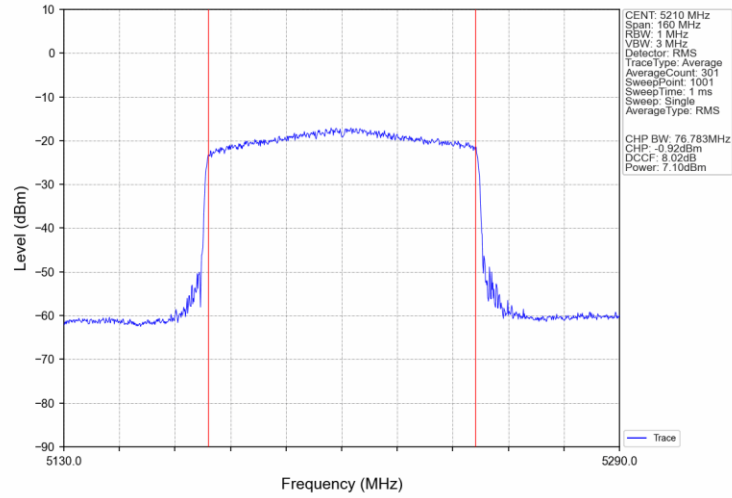


802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant2_NTNV

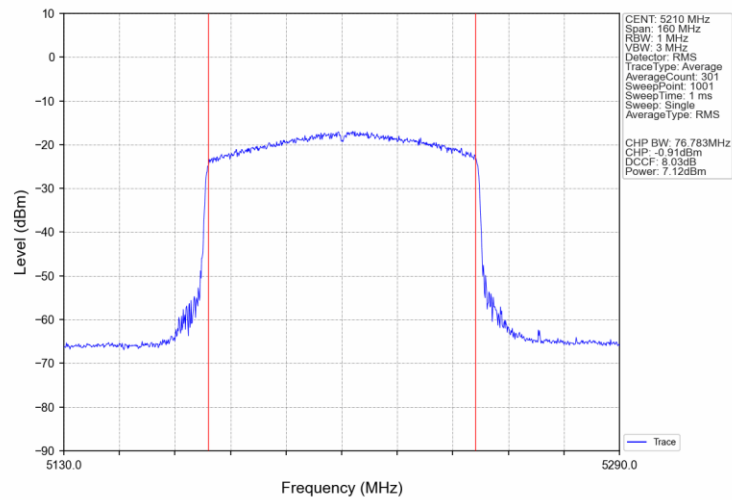


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802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV

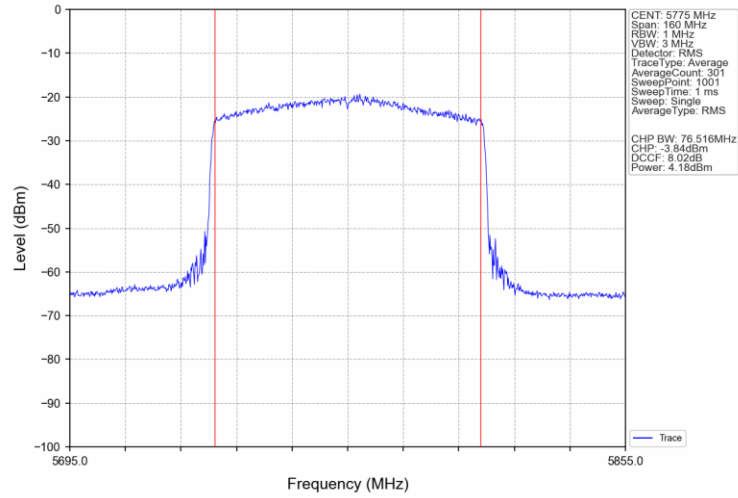


802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV

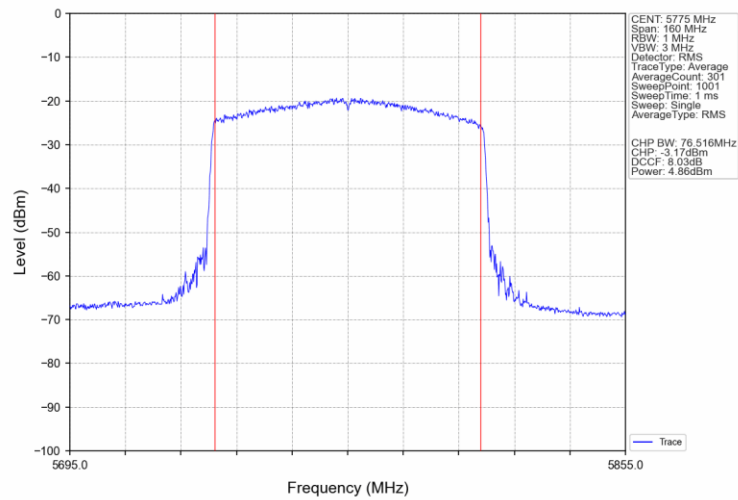


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802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant1_NTNV



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	MIMO	5180	/	/	-5.36	-4.46	-2.13	<=10.78	Pass
		5200	/	/	-1.31	-2.99	0.72	<=10.78	Pass
		5240	/	/	-0.42	-2.01	1.59	<=10.78	Pass
802.11n (HT20)	MIMO	5180	/	/	-1.65	-2.39	0.81	<=10.78	Pass
		5200	/	/	-1.39	-1.59	1.26	<=10.78	Pass
		5240	/	/	-0.33	-1.47	2.02	<=10.78	Pass
802.11n (HT40)	MIMO	5190	/	/	-4.21	-4.93	-1.89	<=10.78	Pass
		5230	/	/	-3.71	-4.13	-1.23	<=10.78	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-2.15	-2.15	0.64	<=10.78	Pass
		5200	/	/	-1.72	-2.68	0.70	<=10.78	Pass
		5240	/	/	-0.23	-2.88	1.56	<=10.78	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-5.78	-5.33	-2.72	<=10.78	Pass
		5230	/	/	-5.64	-6.22	-3.33	<=10.78	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-7.89	-8.08	-5.18	<=10.78	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	-1.80	-3.47	0.13	<=10.78	Pass
		5200	SU	/	-2.01	-2.22	0.77	<=10.78	Pass
		5240	SU	/	-0.71	-1.22	1.89	<=10.78	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-4.12	-6.40	-2.52	<=10.78	Pass
		5230	SU	/	-5.92	-6.03	-3.23	<=10.78	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-8.45	-9.56	-5.99	<=10.78	Pass
Note1: Antenna Gain: Ant1: 3.11dBi; Ant2: 3.21dBi; Note2: Directional Gain: 6.17dBi									

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	MIMO	5745	/	/	-7.78	-6.77	-4.46	<=29.78	Pass
		5785	/	/	-7.95	-7.04	-4.67	<=29.78	Pass
		5825	/	/	-6.16	-6.75	-3.68	<=29.78	Pass
802.11n (HT20)	MIMO	5745	/	/	-7.75	-8.36	-5.12	<=29.78	Pass
		5785	/	/	-8.28	-8.04	-5.31	<=29.78	Pass
		5825	/	/	-10.42	-9.18	-6.86	<=29.78	Pass
802.11n (HT40)	MIMO	5755	/	/	-9.35	-9.76	-6.87	<=29.78	Pass
		5795	/	/	-9.88	-10.55	-7.54	<=29.78	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-7.55	-8.19	-5.04	<=29.78	Pass
		5785	/	/	-7.74	-8.33	-5.02	<=29.78	Pass
		5825	/	/	-8.51	-9.73	-6.24	<=29.78	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-9.69	-9.91	-6.95	<=29.78	Pass
		5795	/	/	-10.51	-10.61	-7.83	<=29.78	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-13.56	-13.23	-10.54	<=29.78	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-7.76	-7.64	-4.72	<=29.78	Pass
		5785	SU	/	-7.71	-8.66	-5.30	<=29.78	Pass
		5825	SU	/	-8.63	-9.74	-6.50	<=29.78	Pass
802.11ax	MIMO	5755	SU	/	-10.79	-11.07	-8.21	<=29.78	Pass

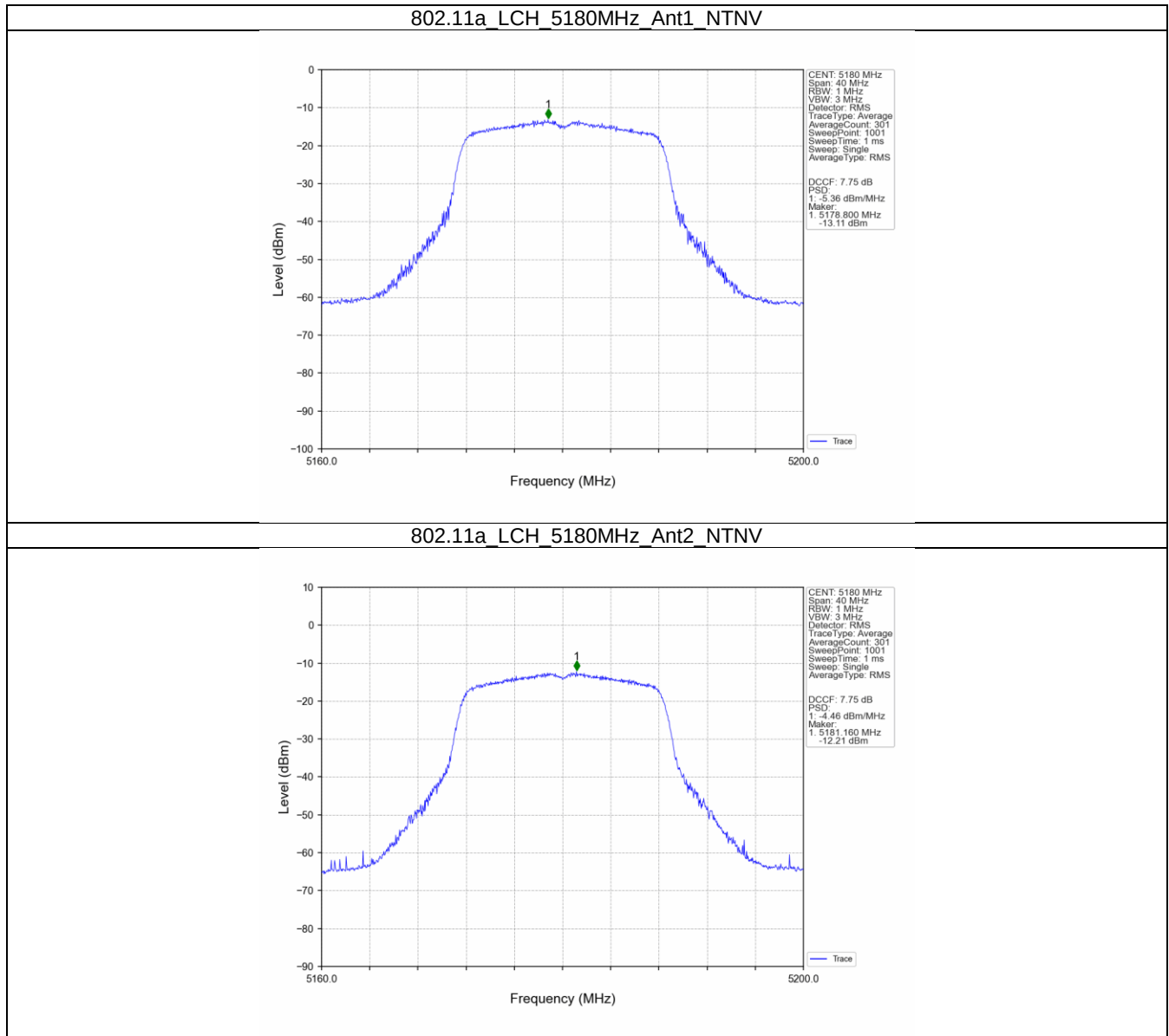
(HEW40)		5795	SU	/	-10.96	-11.31	-8.34	<=29.78	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-12.80	-14.60	-10.92	<=29.78	Pass
Note1: Antenna Gain: Ant1: 3.11dBi; Ant2: 3.21dBi; Note2: Directional Gain: 6.17dBi									



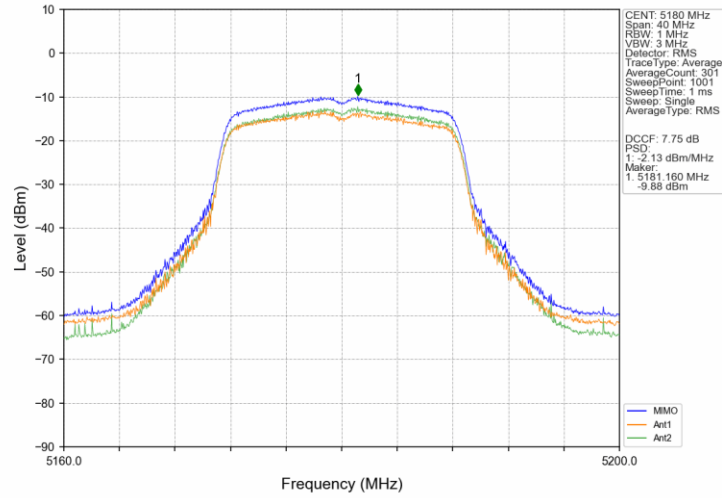
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4.2 Test Graph

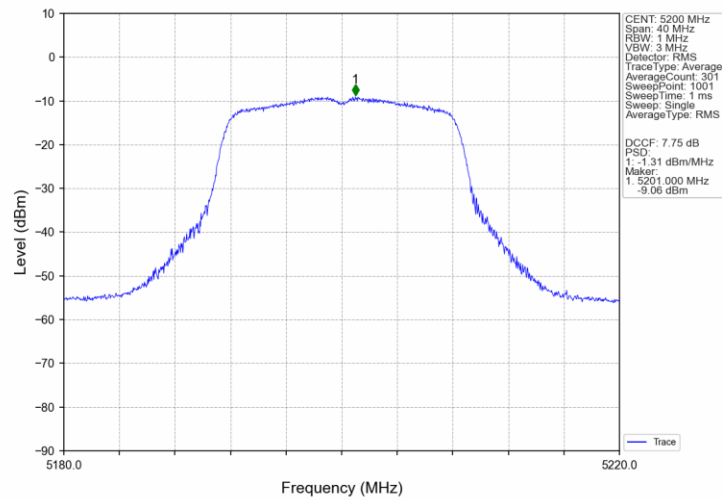
4.2.1 PSD



802.11a_LCH_5180MHz_MIMO_NTNV

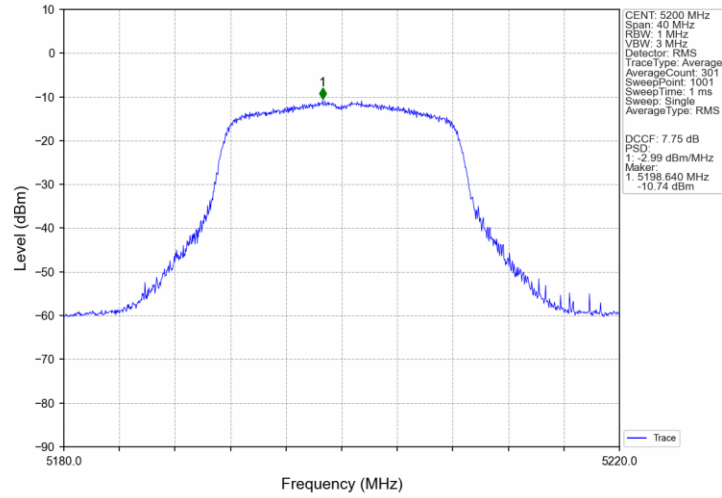


802.11a_MCH_5200MHz_Ant1_NTNV

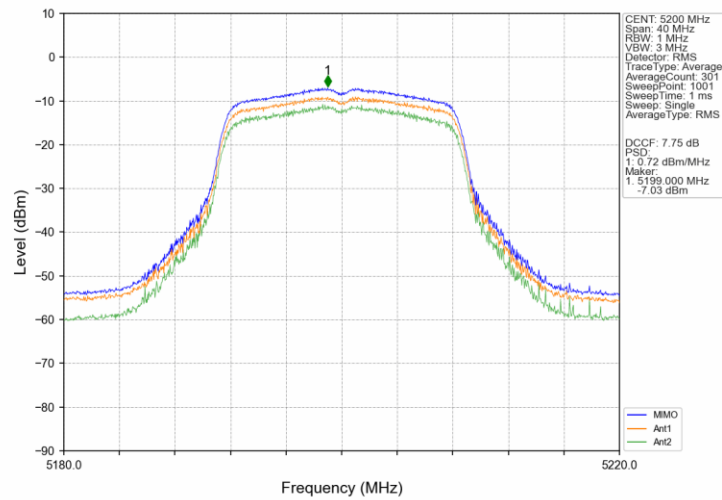


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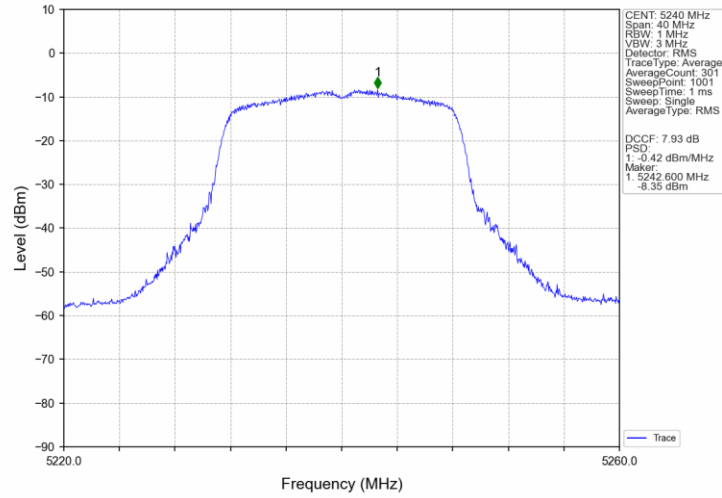
802.11a_MCH_5200MHz_Ant2_NTNV



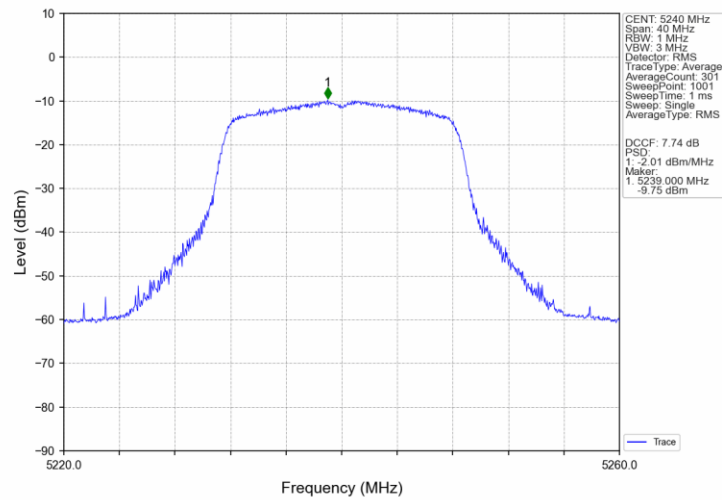
802.11a_MCH_5200MHz_MIMO_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

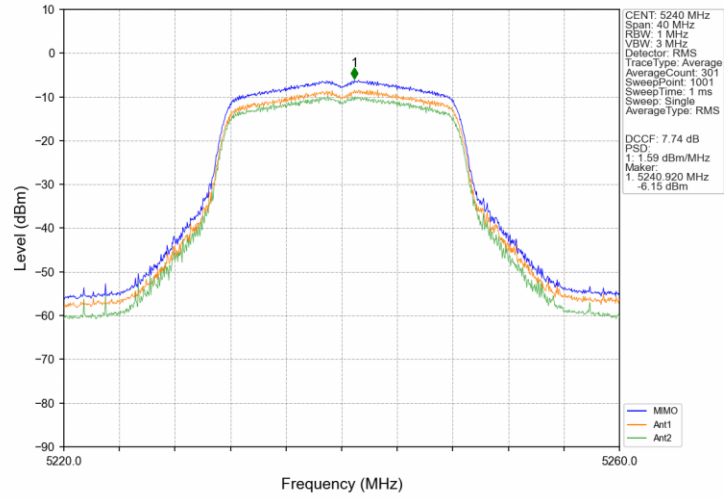


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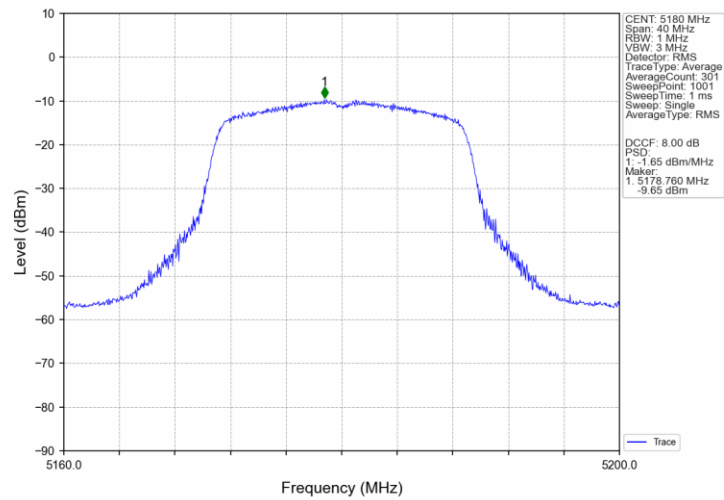


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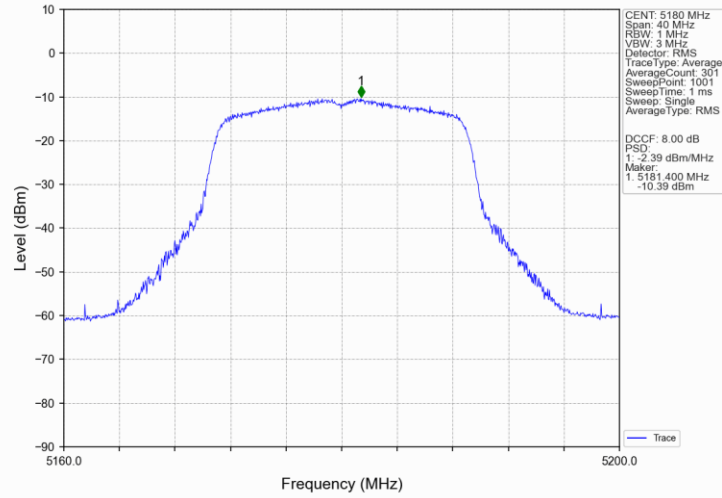


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

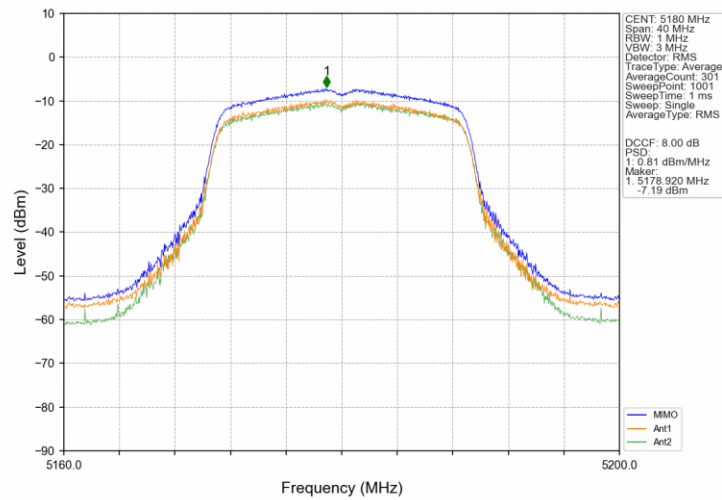


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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

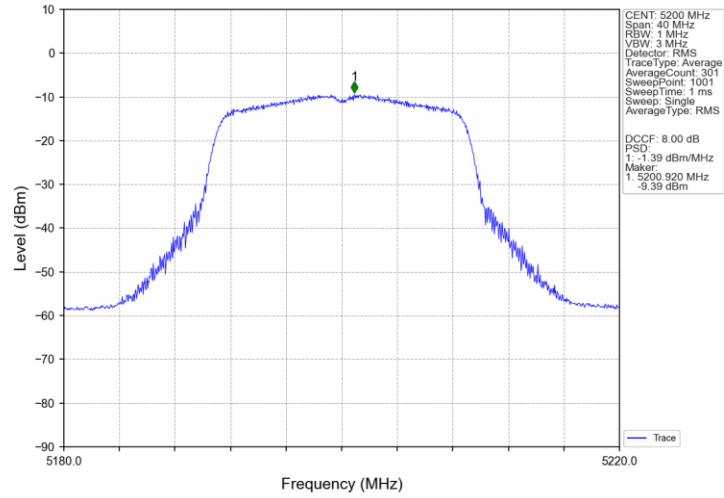


802.11n(HT20)_LCH_5180MHz_MIMO_NTNV

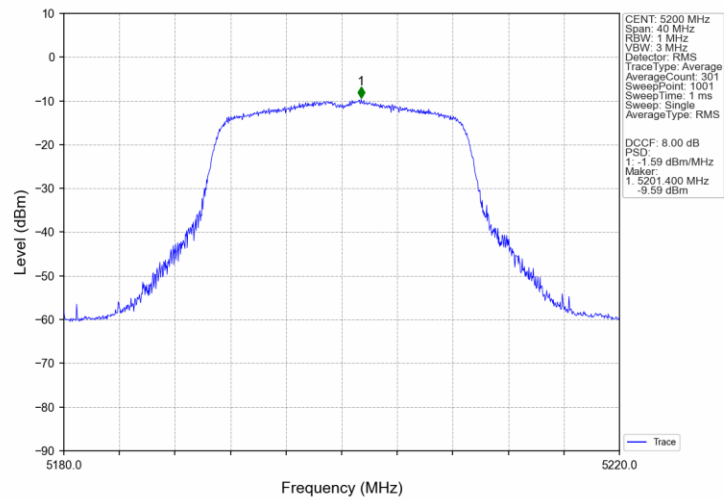




802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

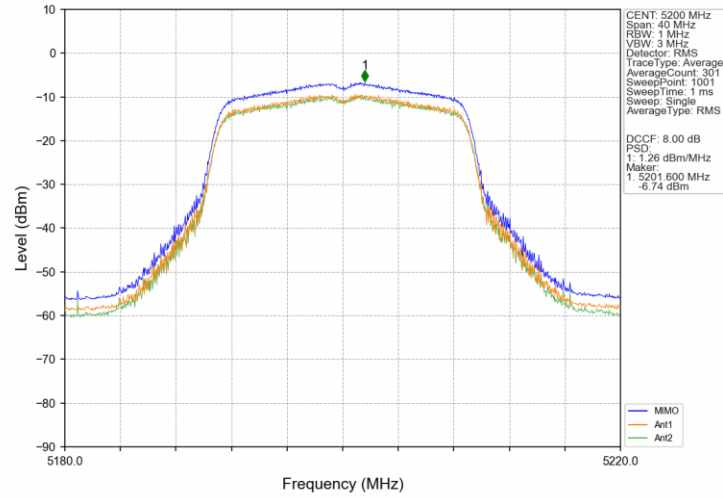


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

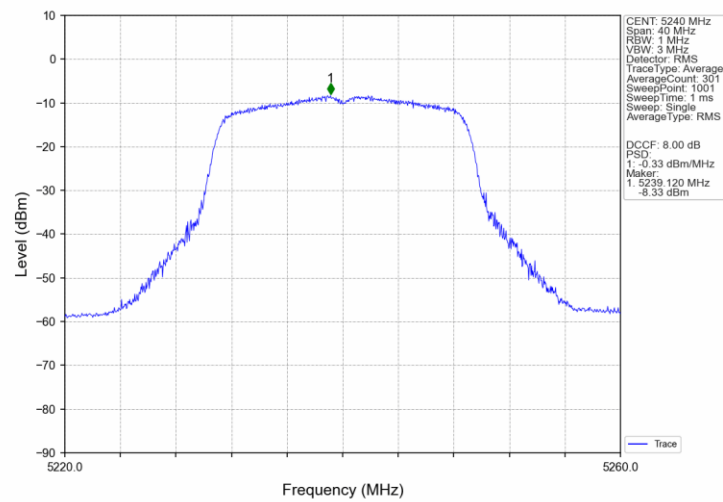


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802.11n(HT20)_MCH_5200MHz_MIMO_NTNV

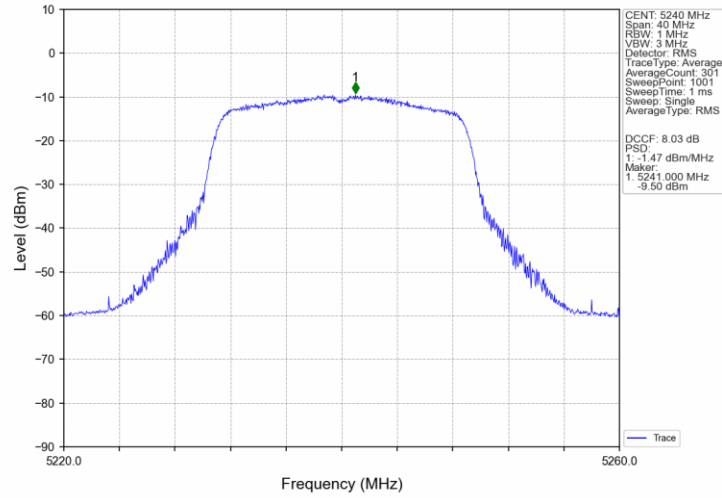


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

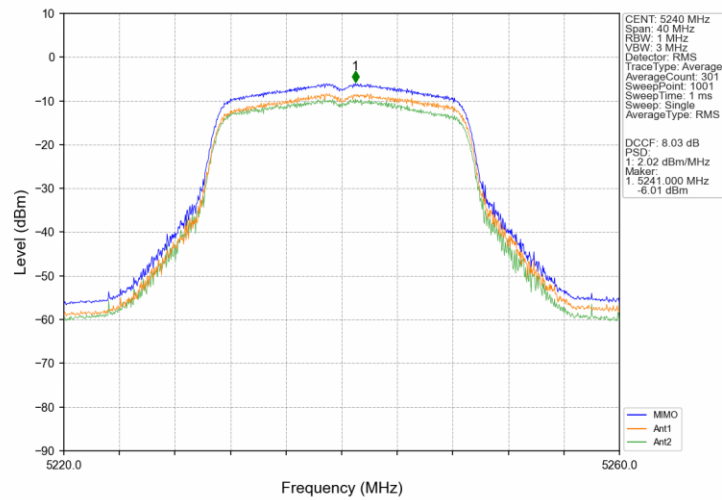


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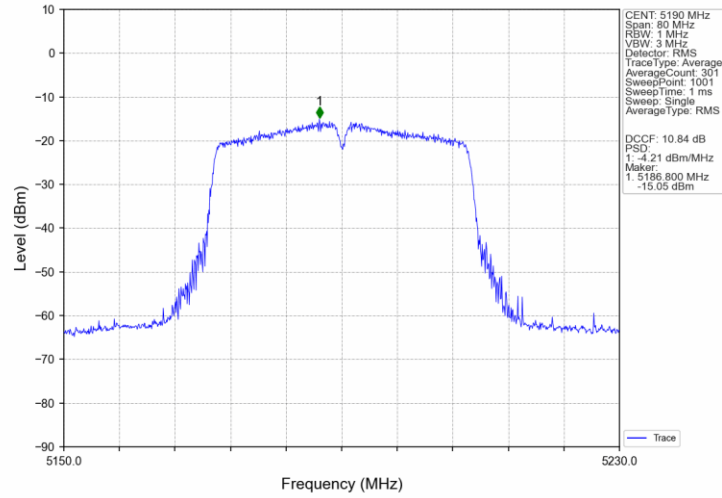


802.11n(HT20)_HCH_5240MHz_MIMO_NTNV

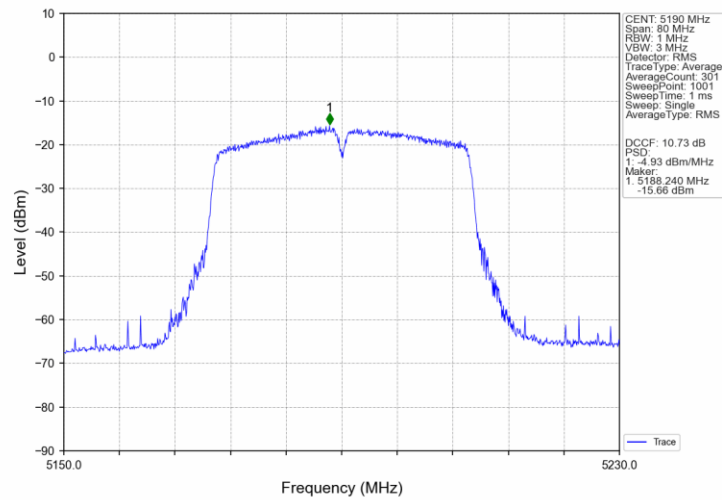


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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

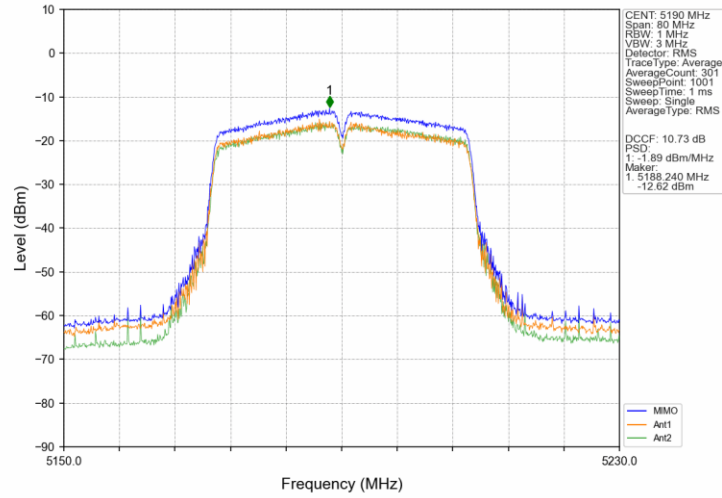


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

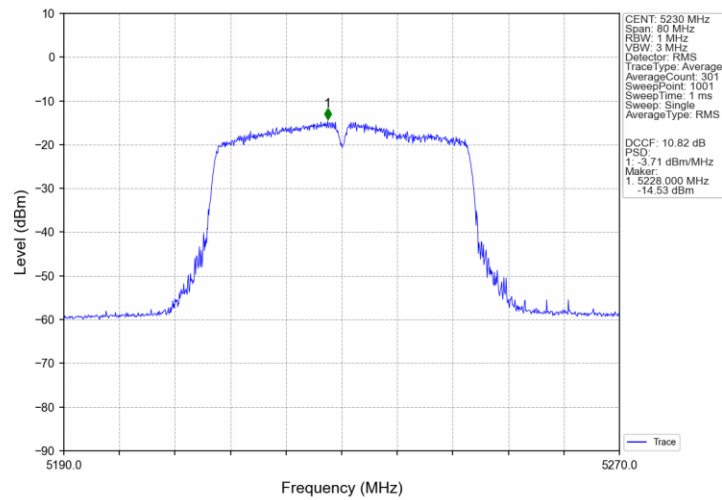


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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV

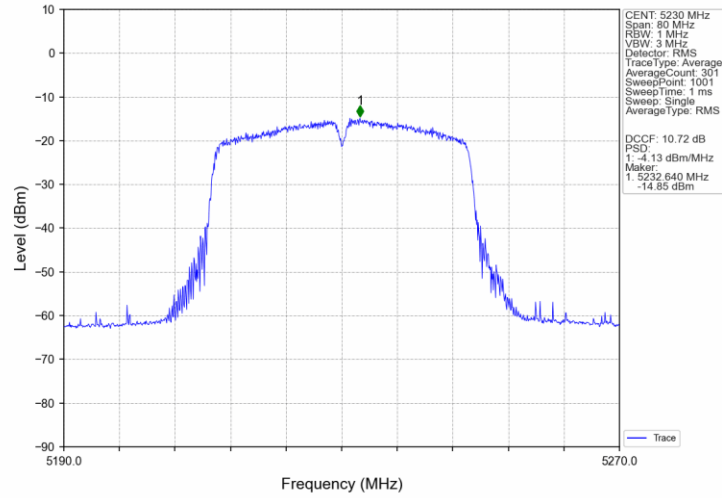


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

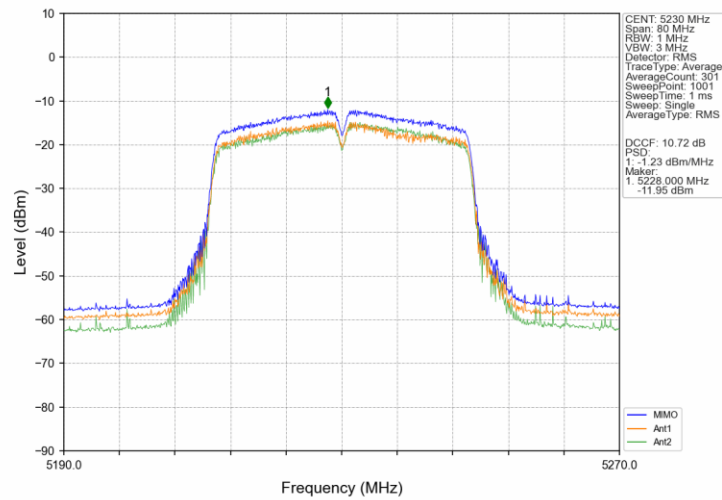


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802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

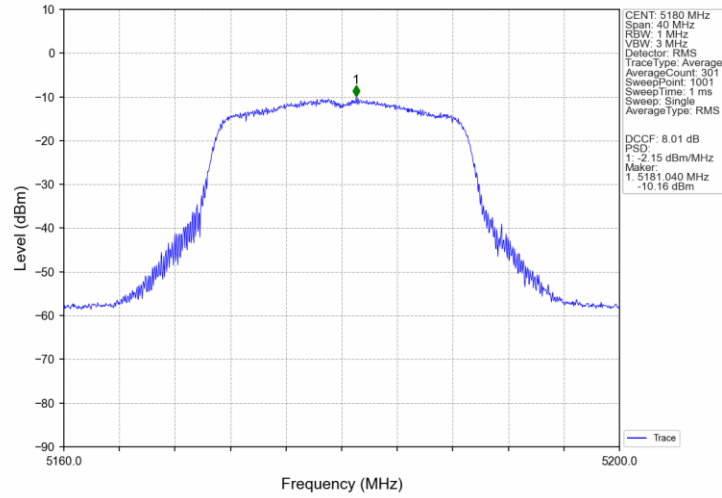


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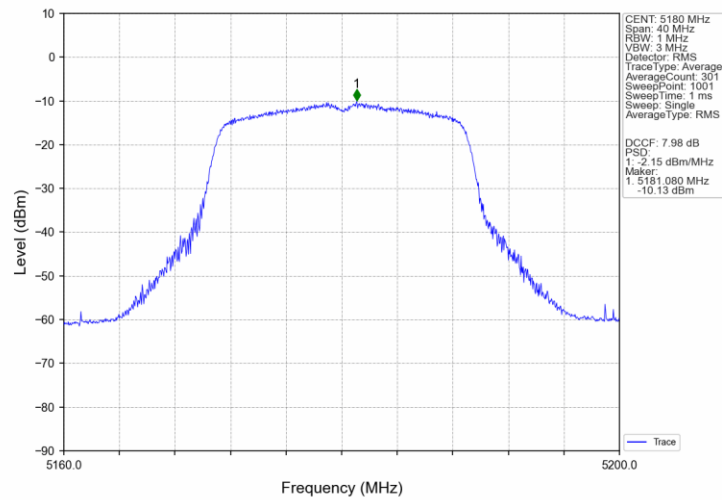


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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

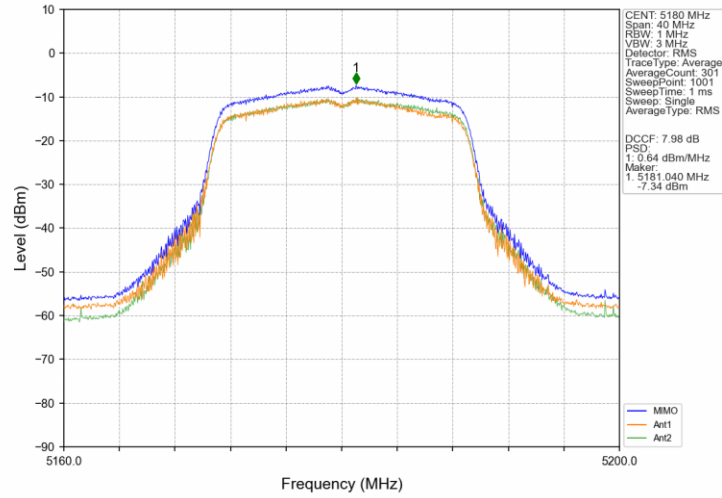


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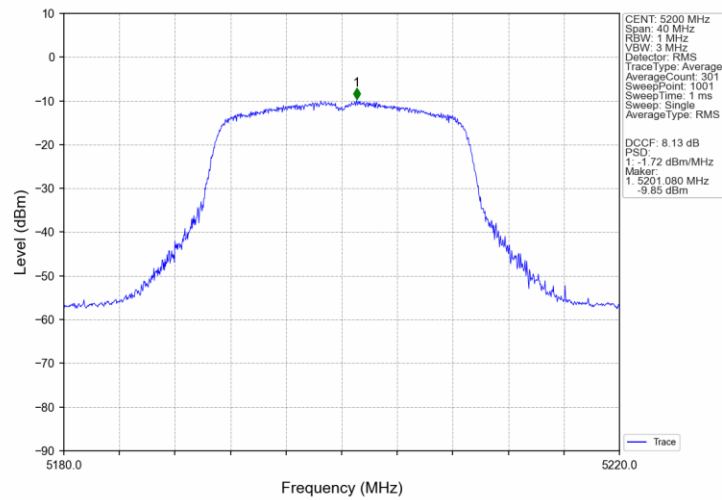


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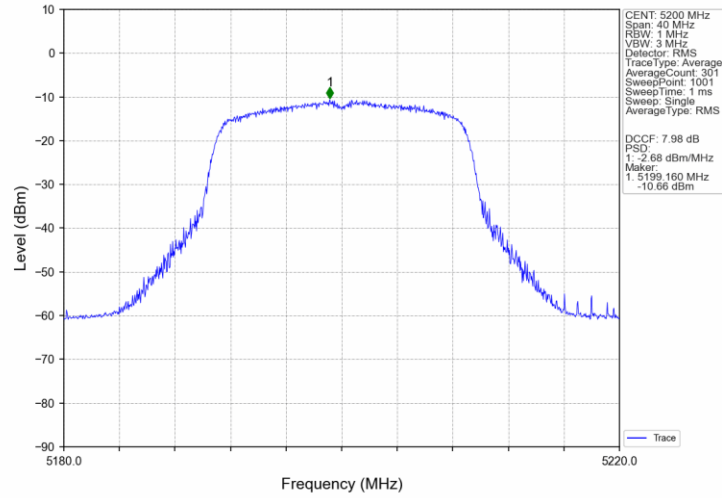
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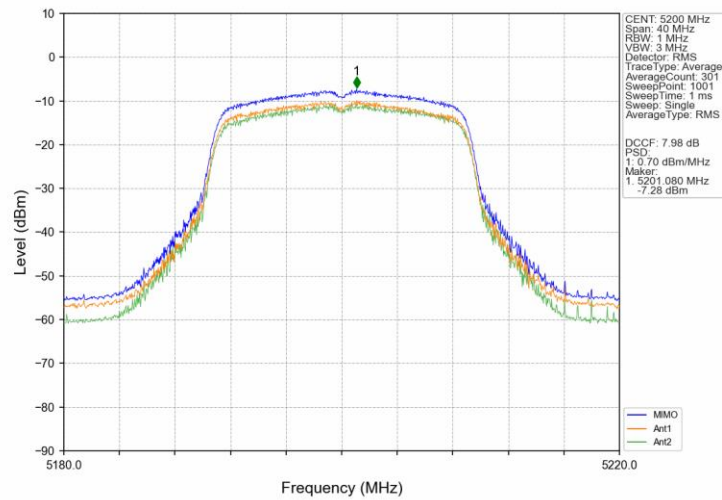
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



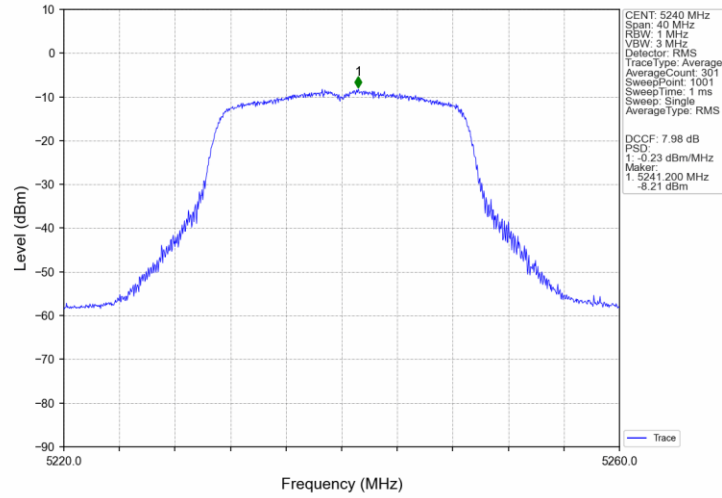
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



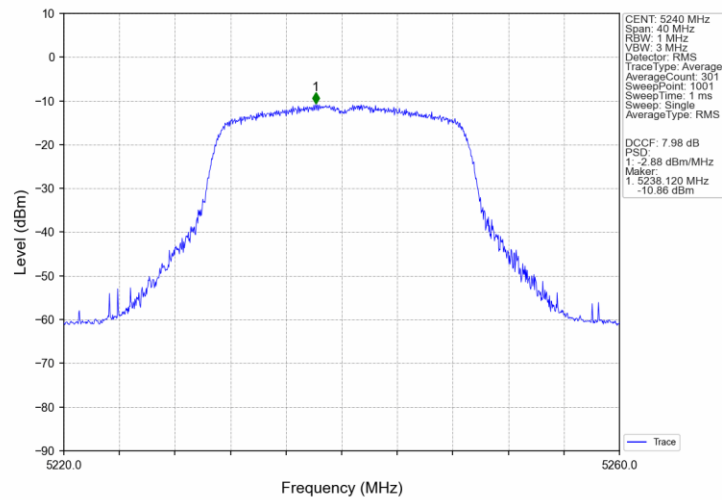
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

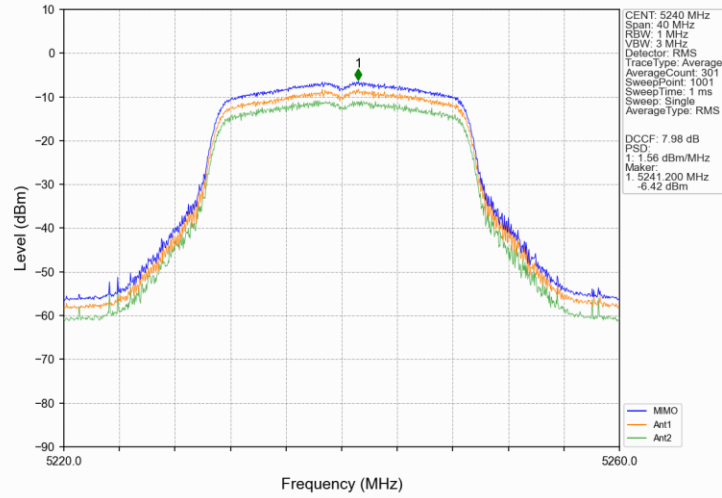


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

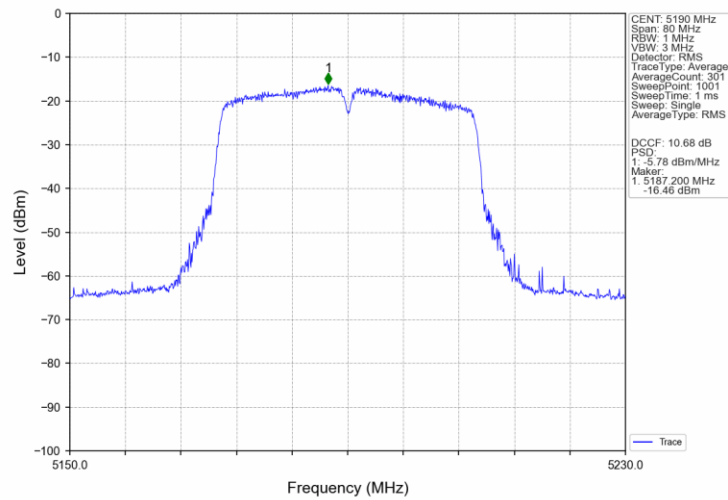


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802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV

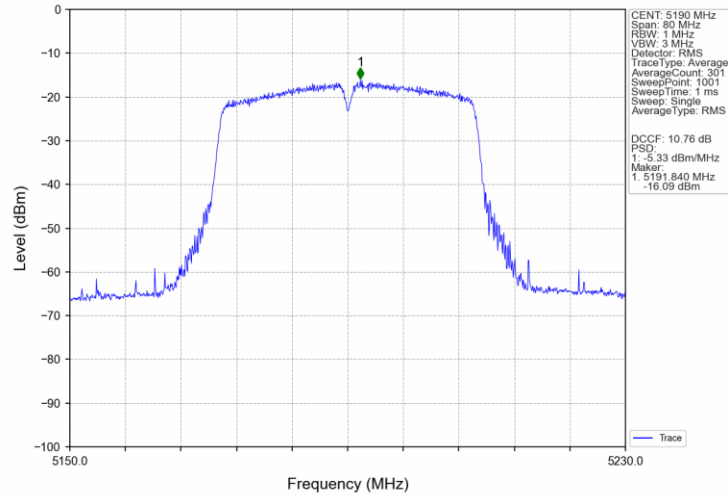


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

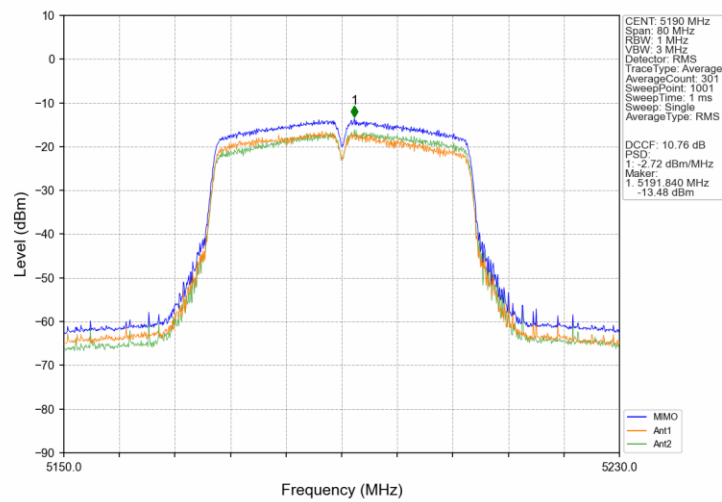


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802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

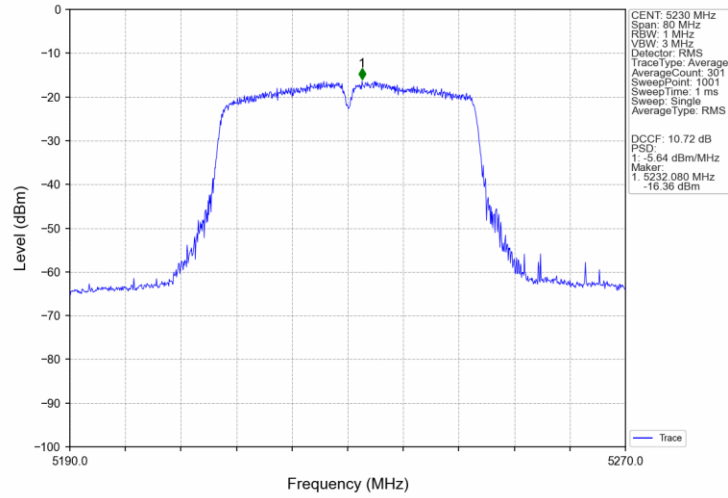


802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV

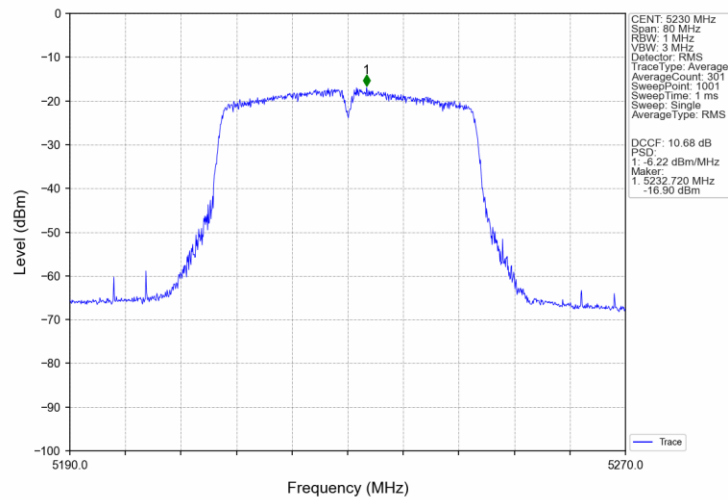




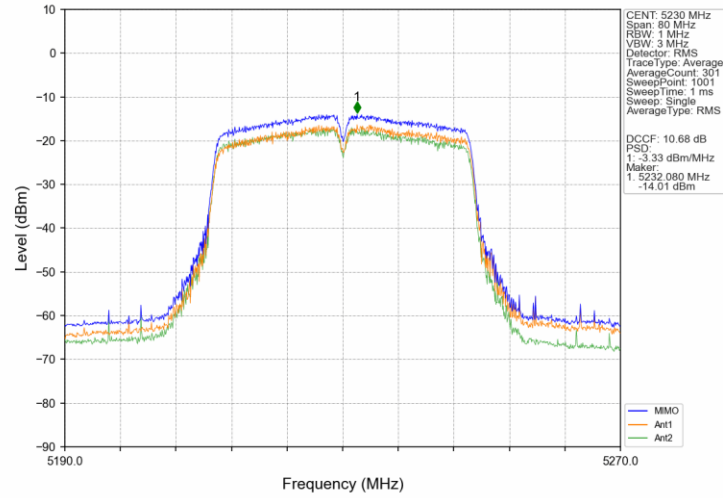
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



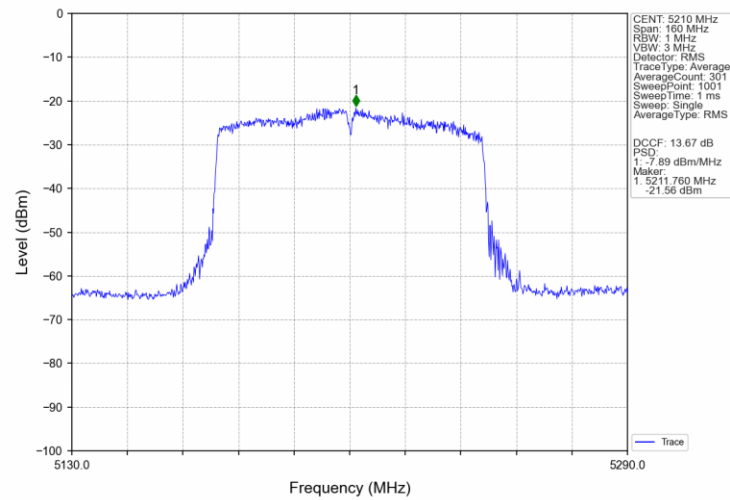
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV

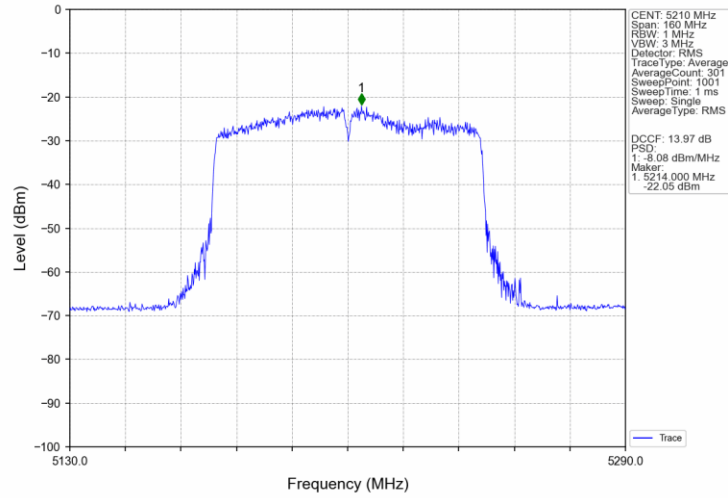


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

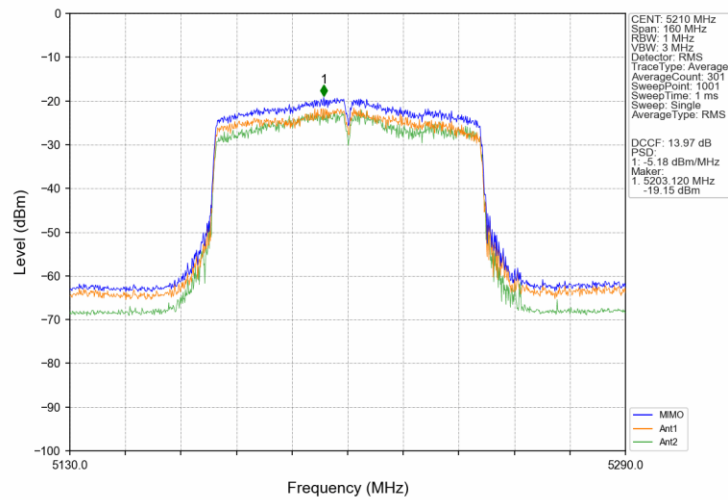


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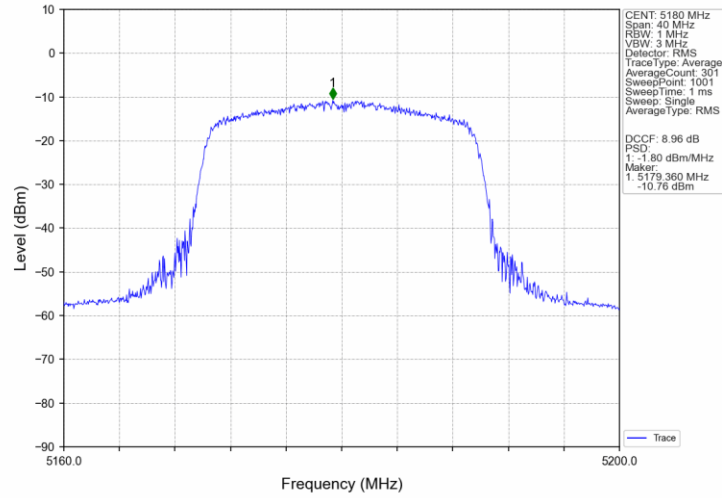
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



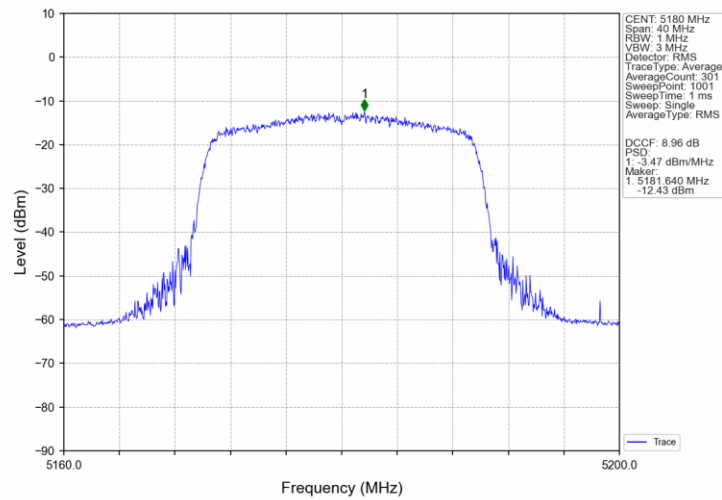
802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



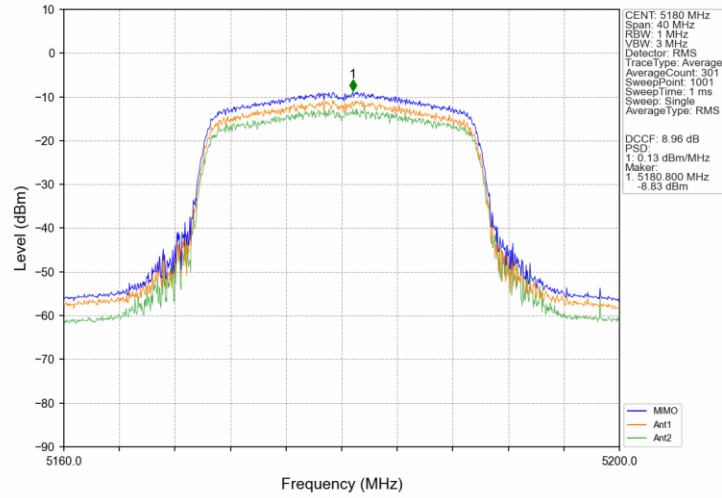
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



802.11ax(HEW20) LCH 5180MHz SU / MIMO NTN



802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN

