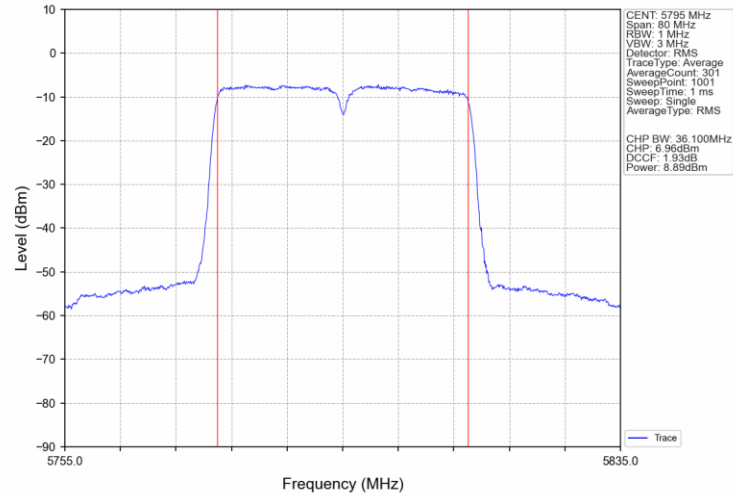


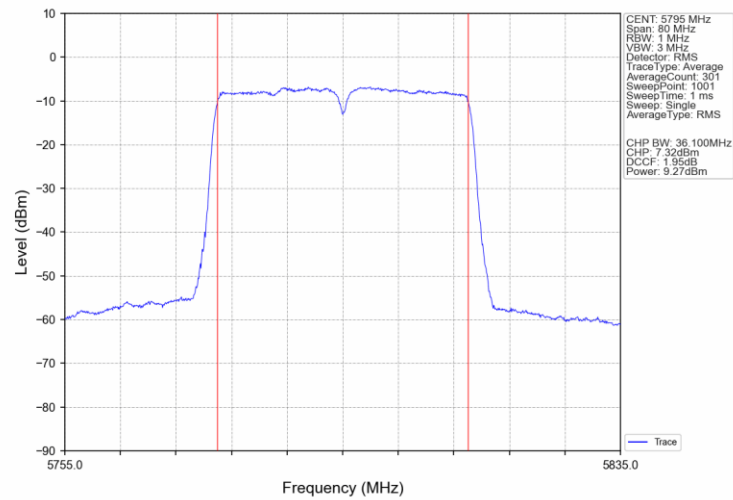


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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



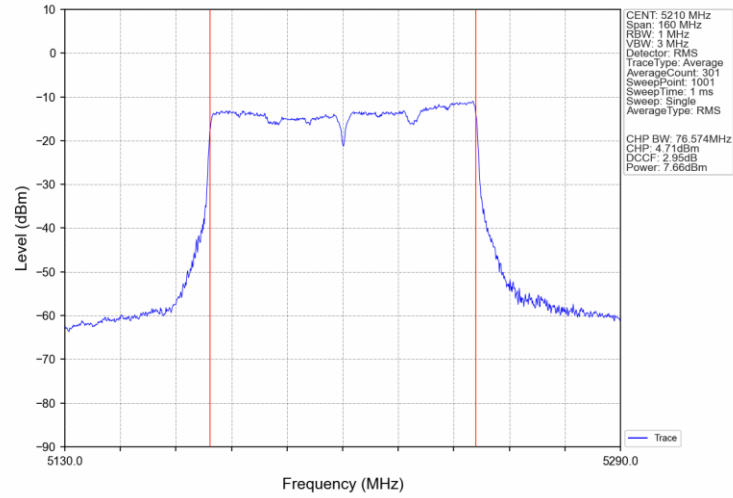
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



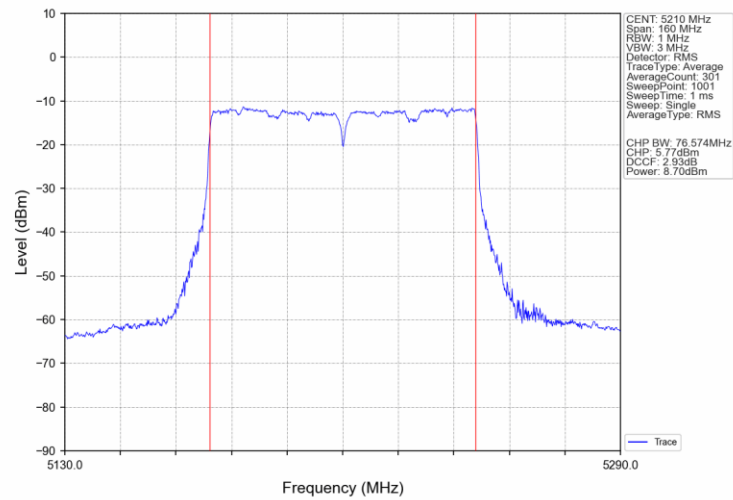


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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



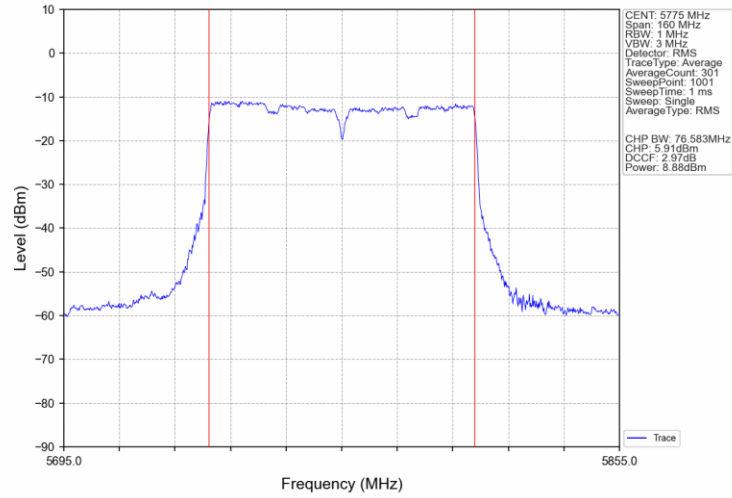
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



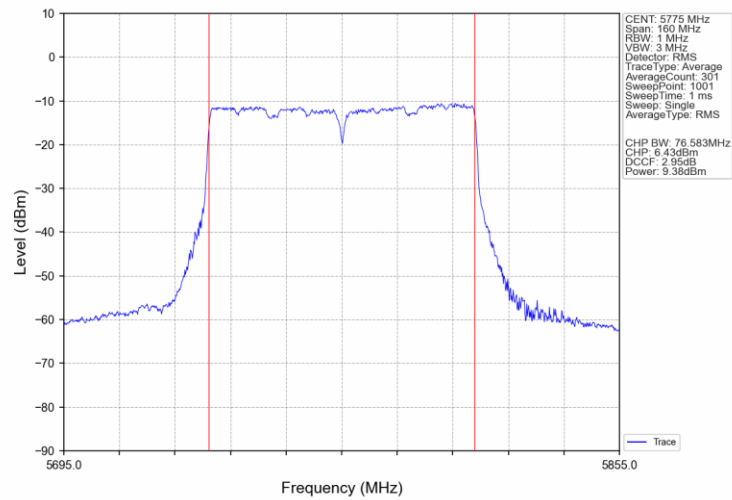


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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

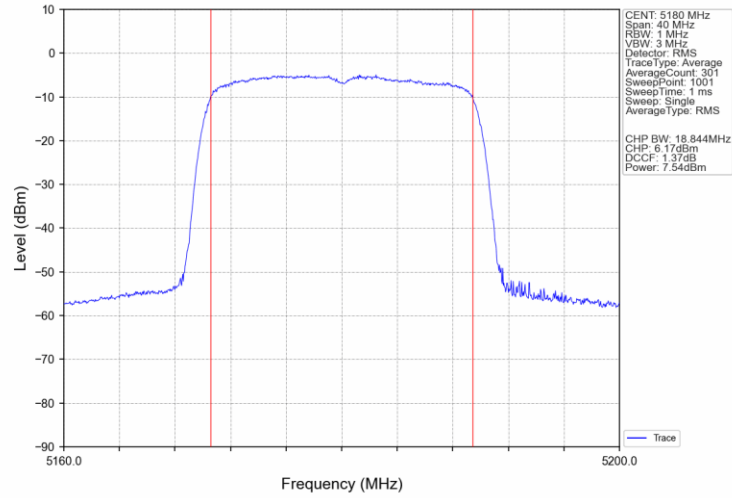


802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV

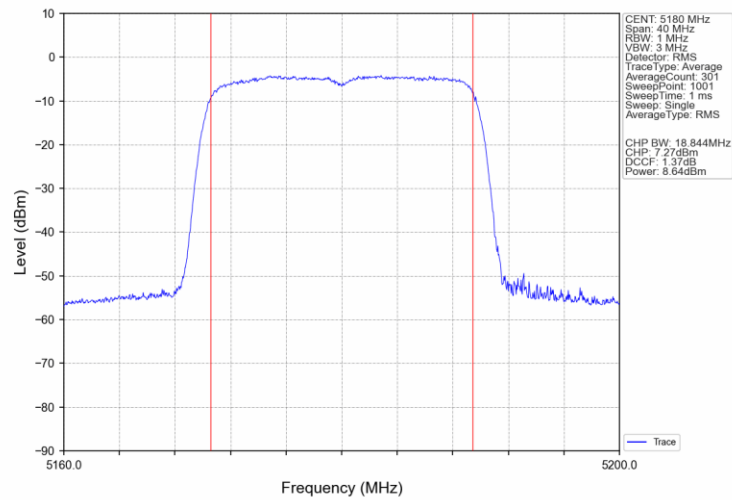




802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV

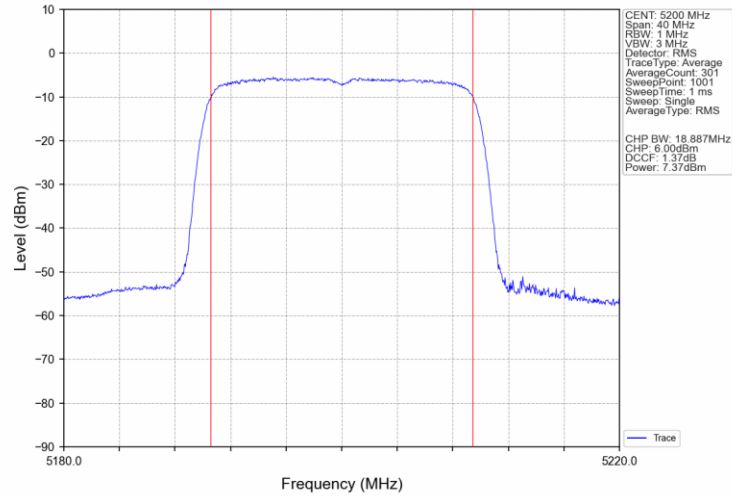


802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV

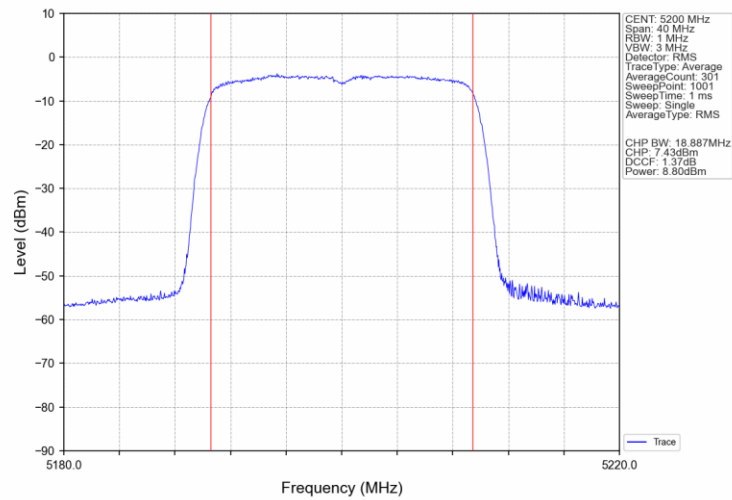




802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



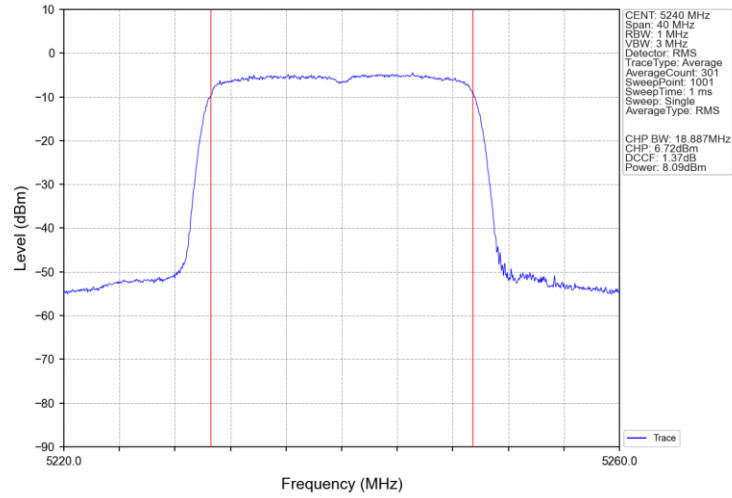
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



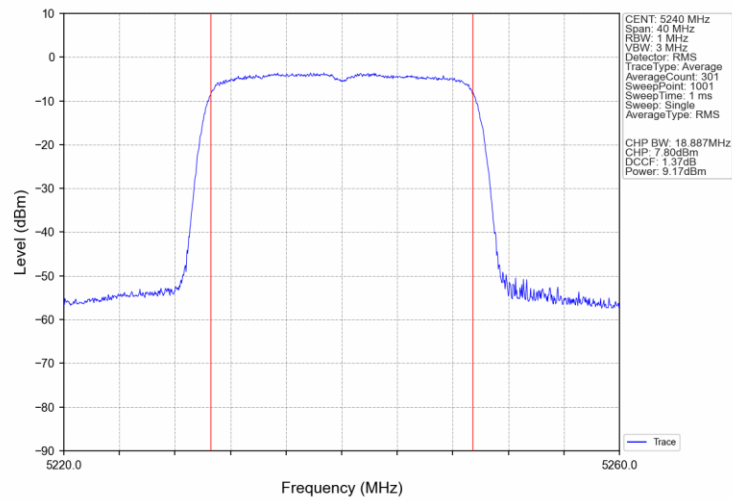


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802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



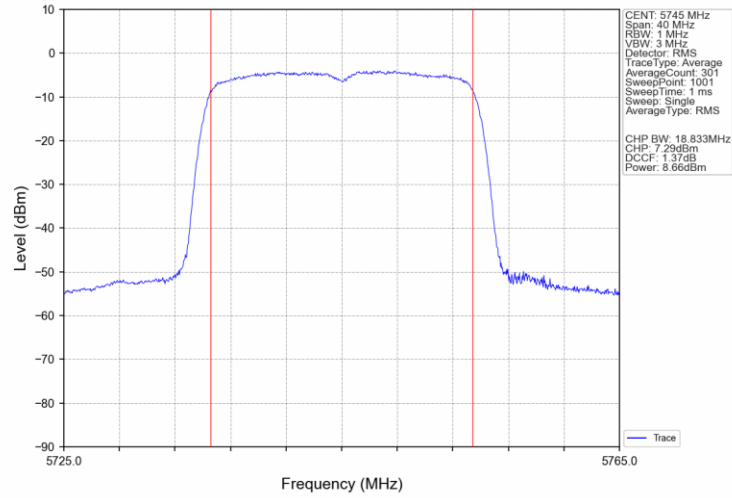
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant2_NTNV



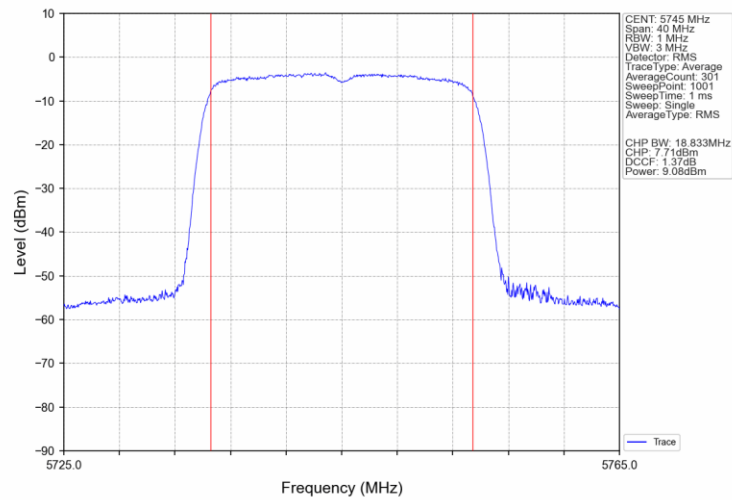


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802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant1_NTNV

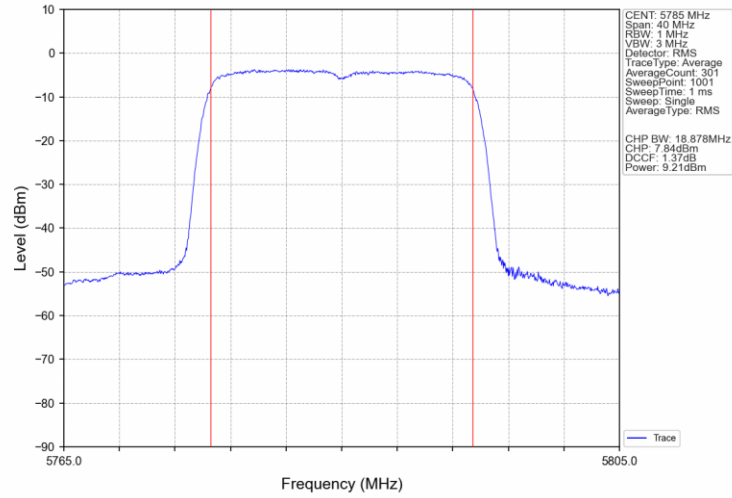


802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant2_NTNV

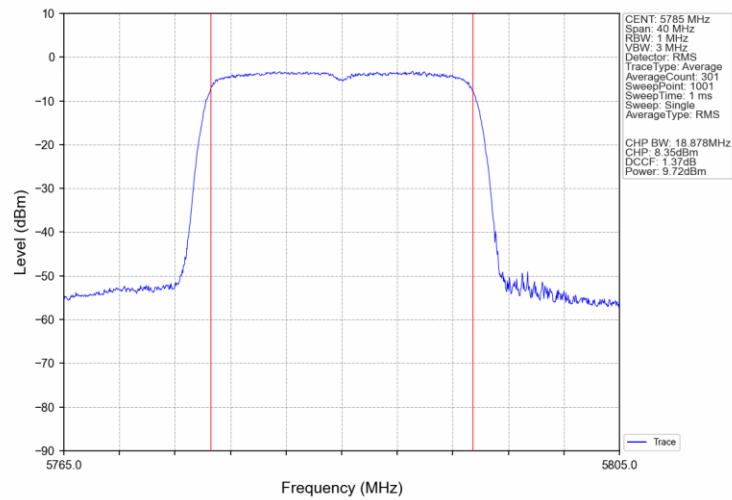




802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant1_NTNV

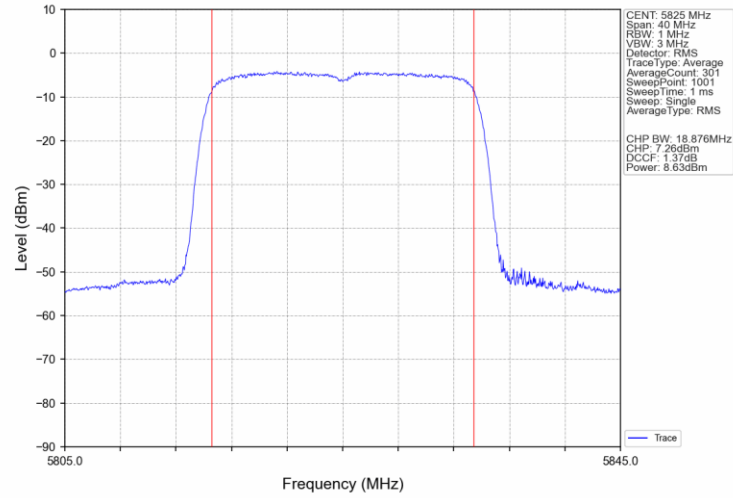


802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant2_NTNV

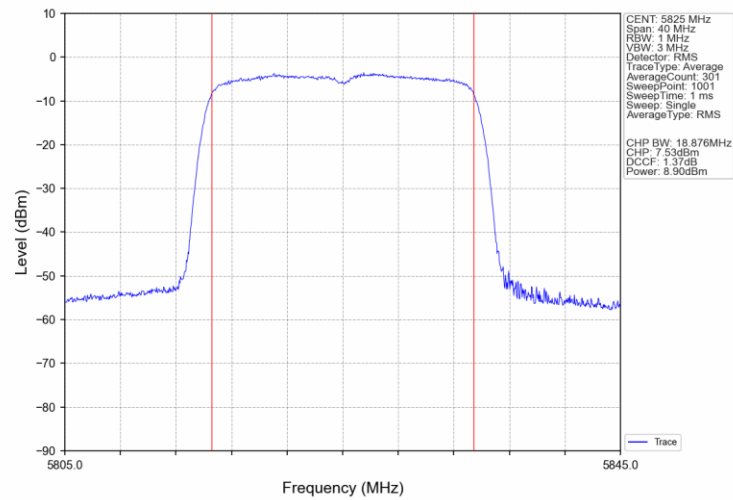




802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



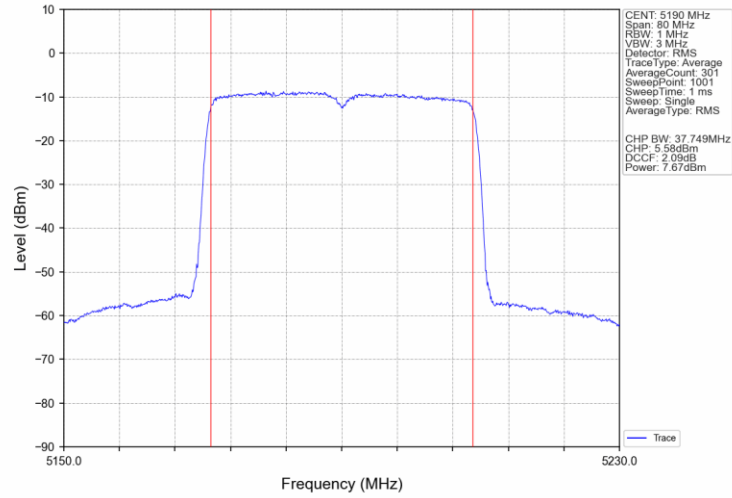
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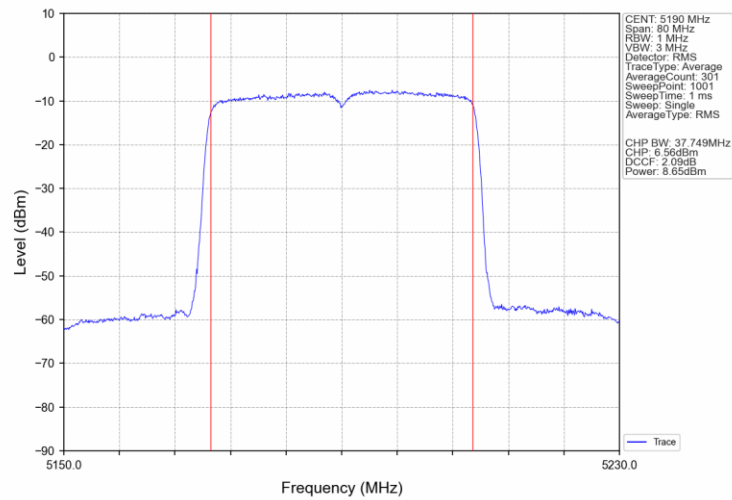


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802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV

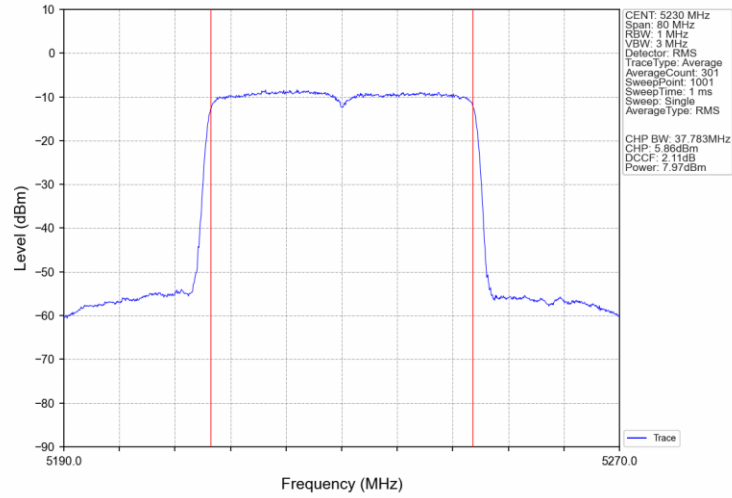


802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV

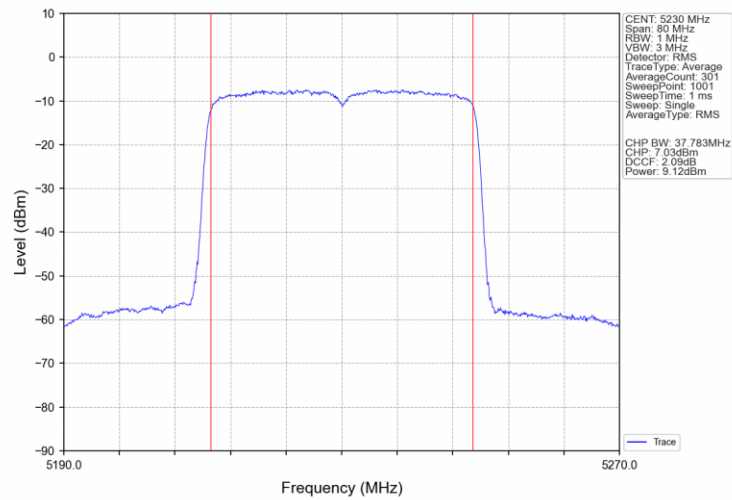




802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV

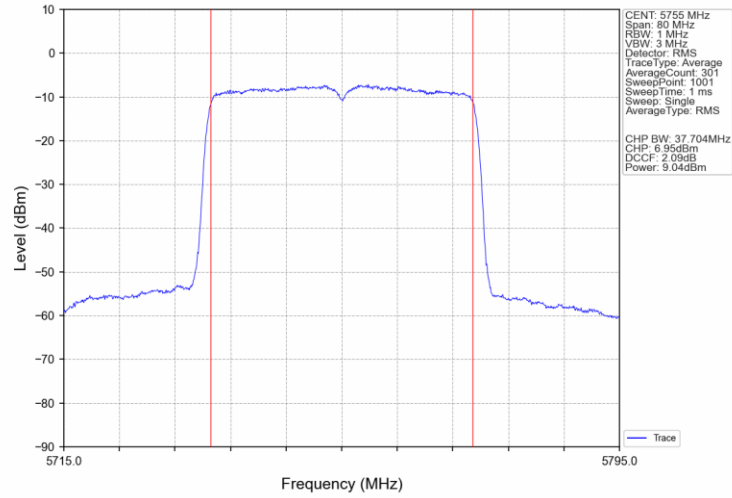


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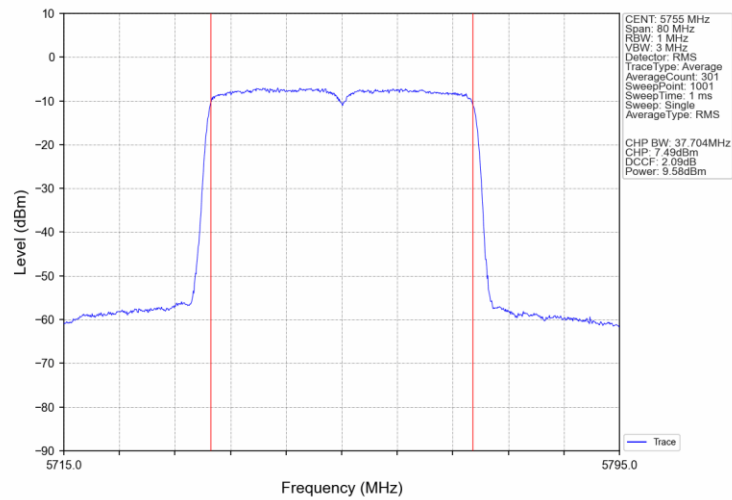




802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV

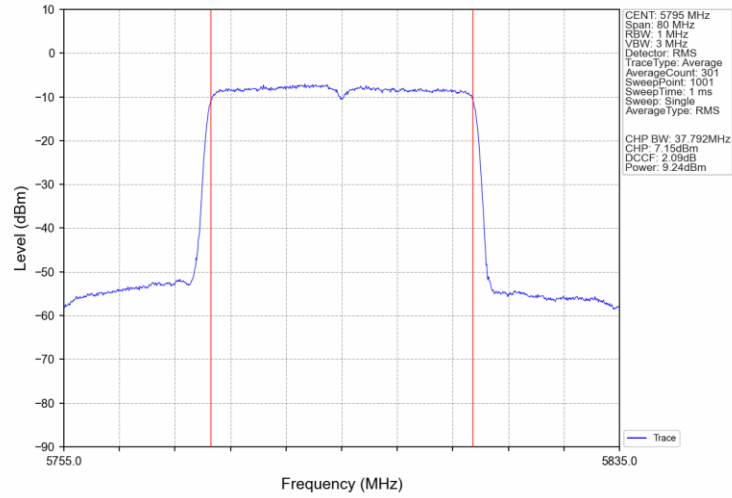


802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant2_NTNV

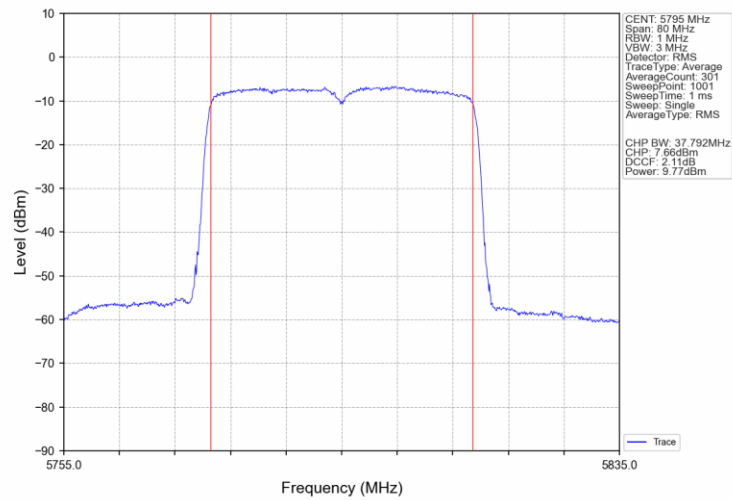




802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV

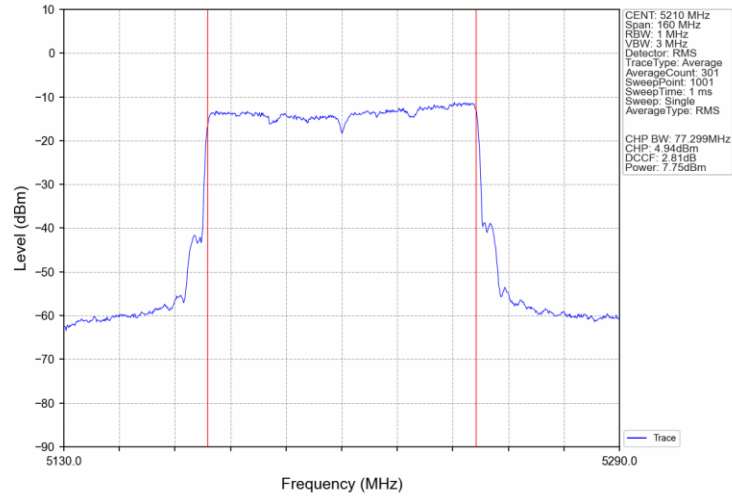


802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant2_NTNV

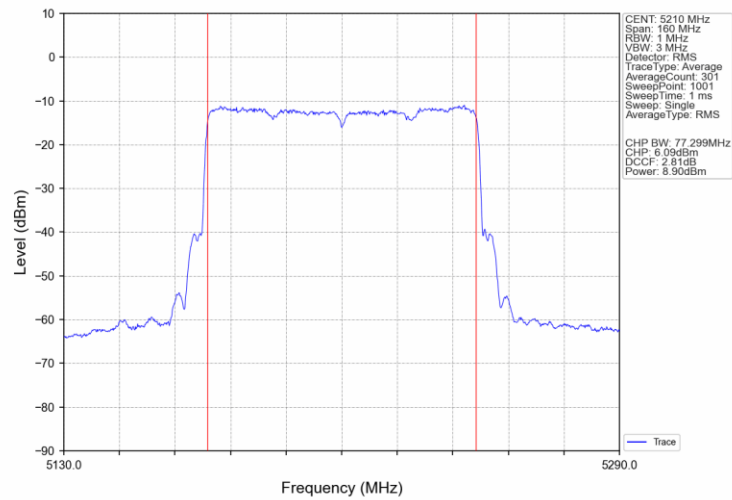


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802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



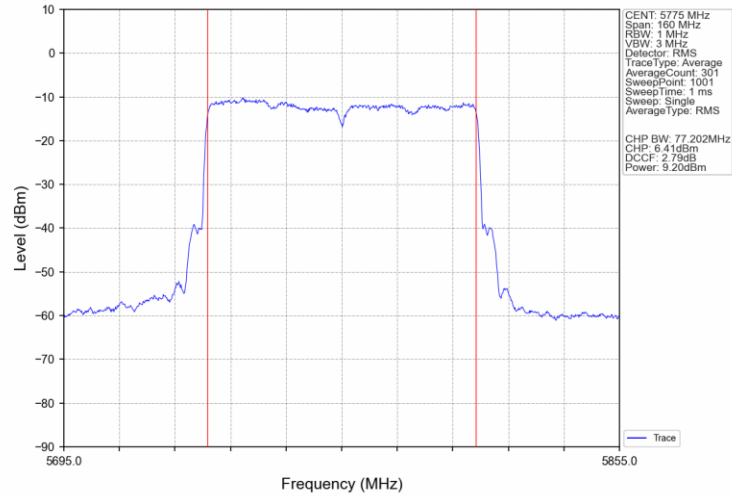
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



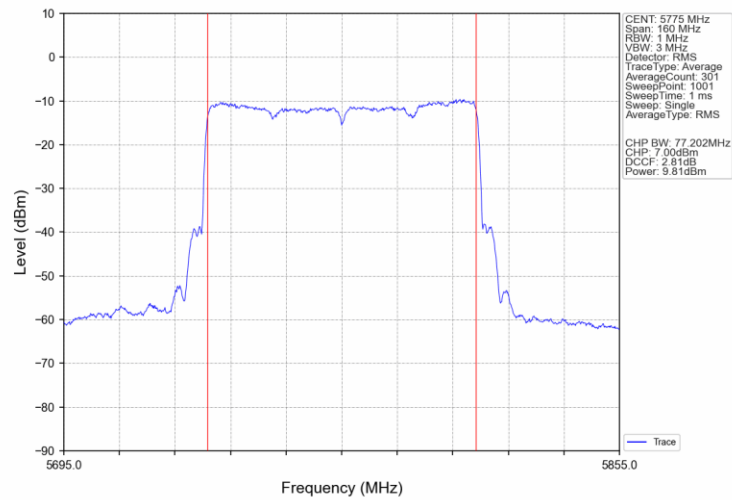


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802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant1_NTNV



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	/	/	-4.30	-3.02	-0.75	<=10.78	Pass
		5200	/	/	-4.63	-3.09	-0.86	<=10.78	Pass
		5240	/	/	-3.06	-1.91	0.39	<=10.78	Pass
802.11n (HT20)	MIMO	5180	/	/	-3.63	-2.66	-0.25	<=10.78	Pass
		5200	/	/	-3.89	-2.43	-0.25	<=10.78	Pass
		5240	/	/	-3.40	-2.16	0.11	<=10.78	Pass
802.11n (HT40)	MIMO	5190	/	/	-6.41	-5.42	-3.06	<=10.78	Pass
		5230	/	/	-6.41	-4.72	-2.72	<=10.78	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-3.60	-2.56	-0.17	<=10.78	Pass
		5200	/	/	-3.76	-2.55	-0.33	<=10.78	Pass
		5240	/	/	-3.22	-2.18	0.24	<=10.78	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-6.35	-5.45	-3.18	<=10.78	Pass
		5230	/	/	-6.35	-5.00	-2.76	<=10.78	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-8.53	-8.84	-5.85	<=10.78	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	-3.83	-2.79	-0.50	<=10.78	Pass
		5200	SU	/	-4.05	-2.55	-0.32	<=10.78	Pass
		5240	SU	/	-3.38	-2.23	0.07	<=10.78	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-6.55	-5.42	-3.15	<=10.78	Pass
		5230	SU	/	-6.55	-5.32	-3.01	<=10.78	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-8.30	-8.49	-5.69	<=10.78	Pass
Note1: Antenna Gain: Ant1: 3.11dBi; Ant2: 3.21dBi; Note2: Directional Gain: 6.17dBi									

4.1.2 PSD-Band3

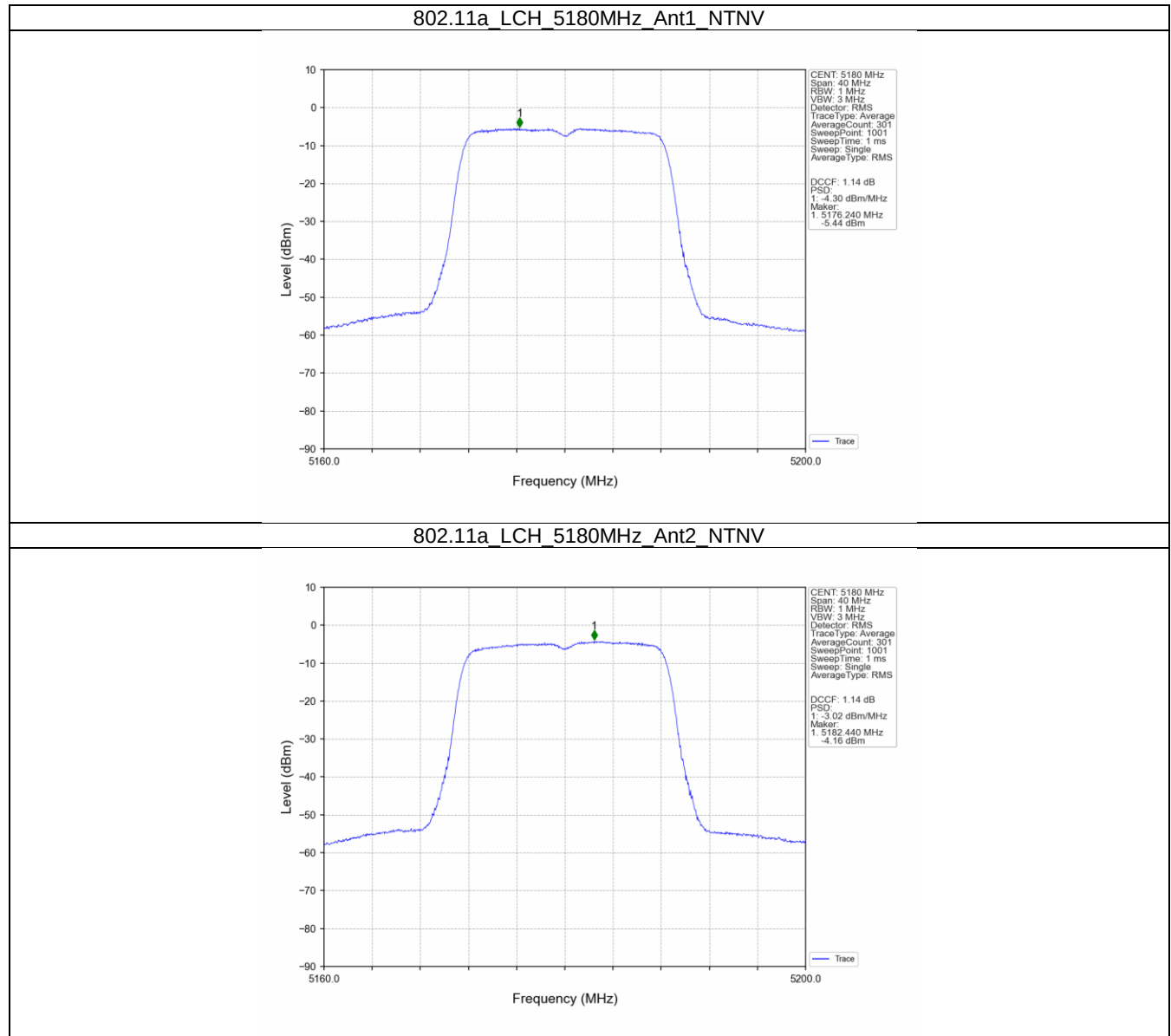
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	MIMO	5745	/	/	-4.78	-4.84	-1.93	<=29.78	Pass
		5785	/	/	-4.92	-4.62	-1.79	<=29.78	Pass
		5825	/	/	-5.44	-5.06	-2.26	<=29.78	Pass
802.11n (HT20)	MIMO	5745	/	/	-5.51	-5.01	-2.32	<=29.78	Pass
		5785	/	/	-5.17	-4.74	-2.02	<=29.78	Pass
		5825	/	/	-5.62	-5.33	-2.52	<=29.78	Pass
802.11n (HT40)	MIMO	5755	/	/	-7.75	-7.48	-4.84	<=29.78	Pass
		5795	/	/	-7.81	-6.83	-4.52	<=29.78	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-5.32	-4.68	-2.07	<=29.78	Pass
		5785	/	/	-5.09	-4.84	-2.16	<=29.78	Pass
		5825	/	/	-5.45	-5.40	-2.50	<=29.78	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-7.49	-6.85	-4.24	<=29.78	Pass
		5795	/	/	-7.49	-7.05	-4.32	<=29.78	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-9.95	-9.81	-7.20	<=29.78	Pass

802.11ax (HEW20)	MIMO	5745	SU	/	-5.27	-4.76	-2.18	<=29.78	Pass
		5785	SU	/	-4.58	-3.84	-1.50	<=29.78	Pass
		5825	SU	/	-5.27	-4.89	-2.32	<=29.78	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-7.44	-6.93	-4.24	<=29.78	Pass
		5795	SU	/	-7.54	-6.43	-4.29	<=29.78	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-10.18	-9.19	-7.07	<=29.78	Pass
Note1: Antenna Gain: Ant1: 3.11dBi; Ant2: 3.21dBi; Note2: Directional Gain: 6.17dBi									

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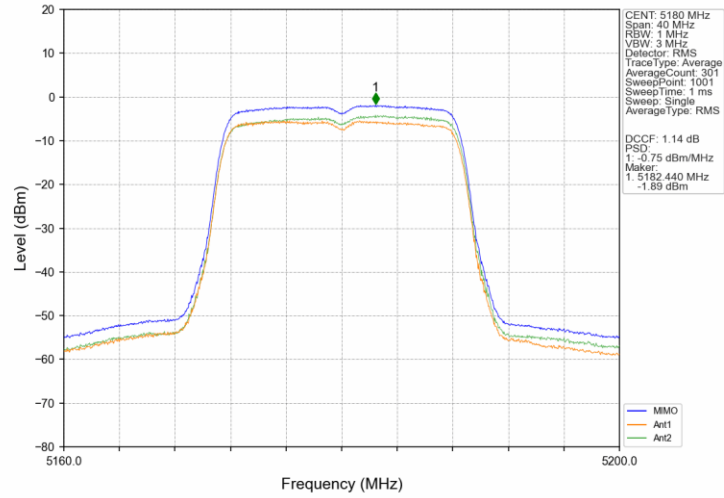
4.2 Test Graph

4.2.1 PSD

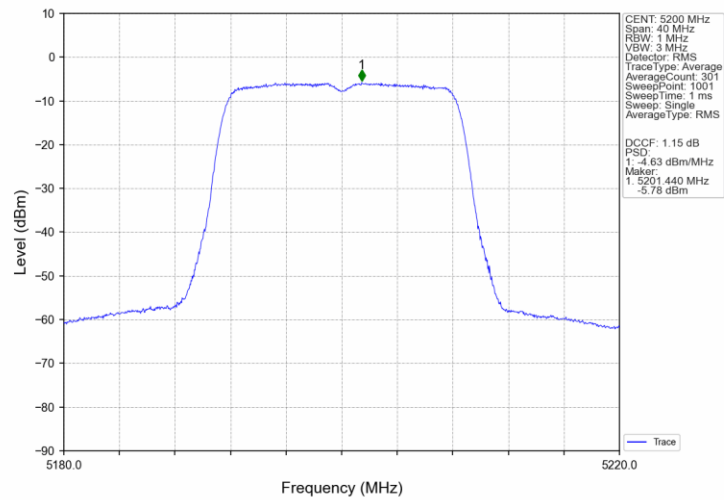




802.11a_LCH_5180MHz_MIMO_NTNV

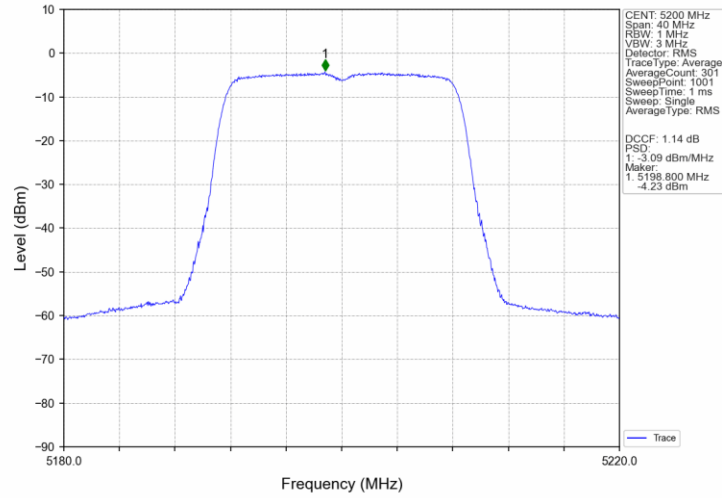


802.11a_MCH_5200MHz_Ant1_NTNV

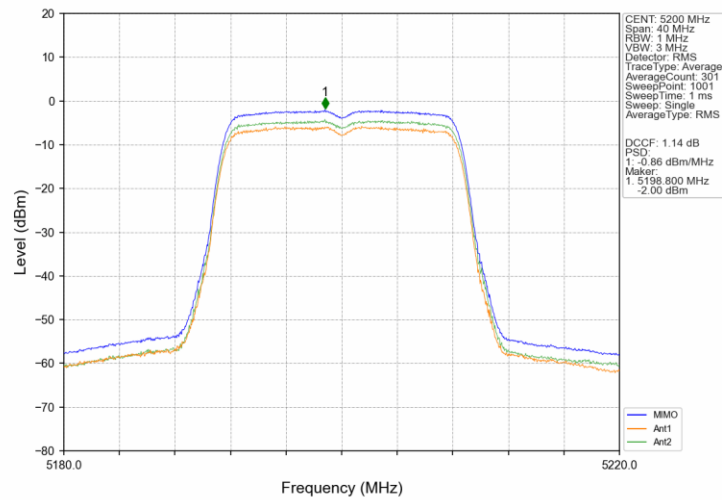




802.11a_MCH_5200MHz_Ant2_NTNV



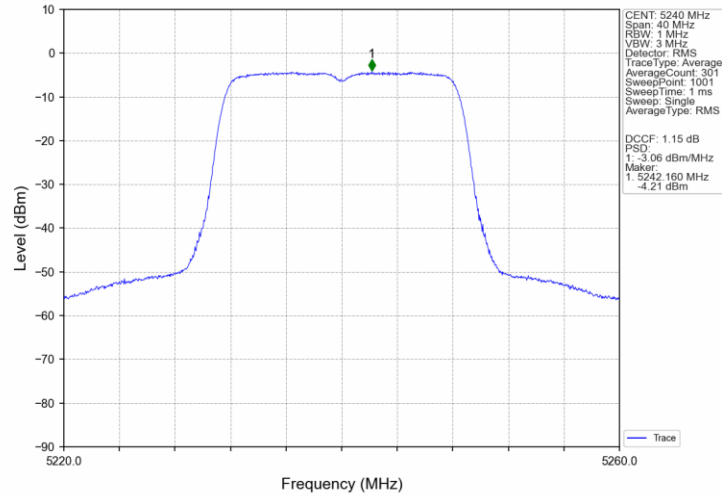
802.11a_MCH_5200MHz_MIMO_NTNV



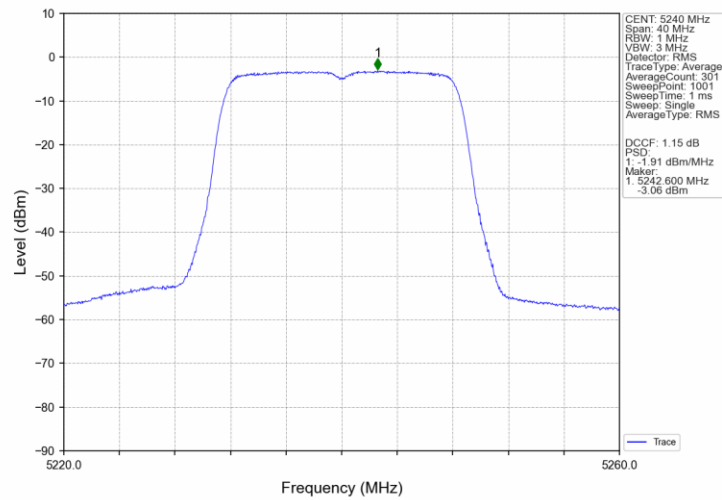


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802.11a_HCH_5240MHz_Ant1_NTNV

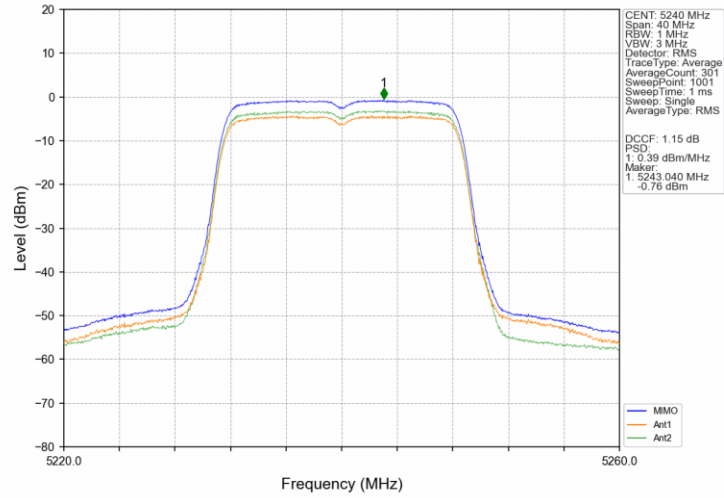


802.11a_HCH_5240MHz_Ant2_NTNV

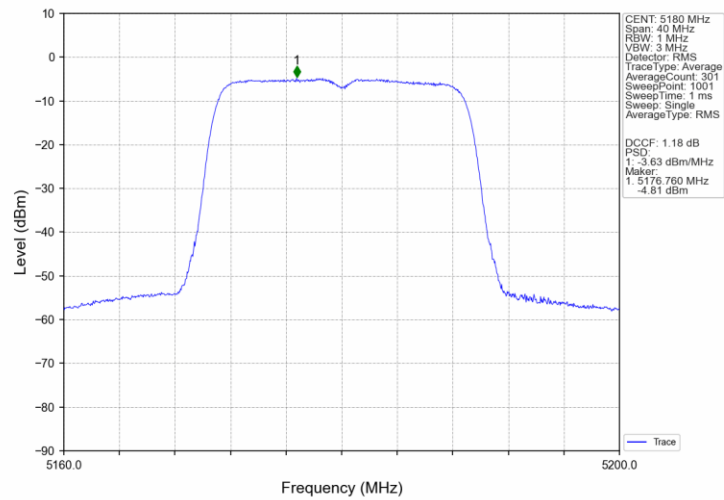




802.11a_HCH_5240MHz_MIMO_NTNV

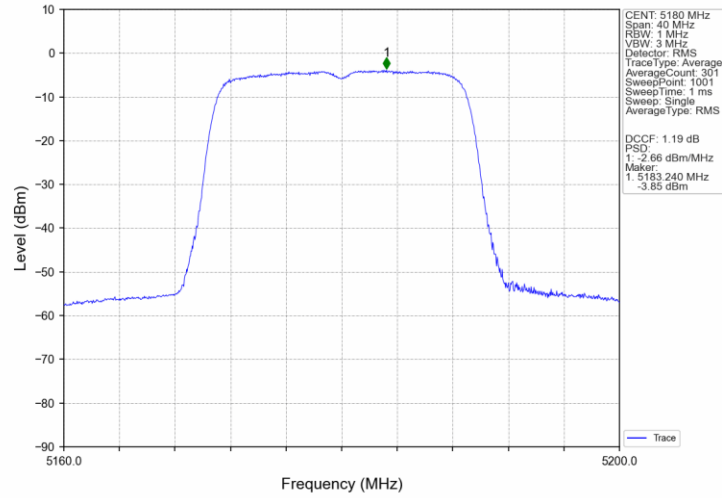


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

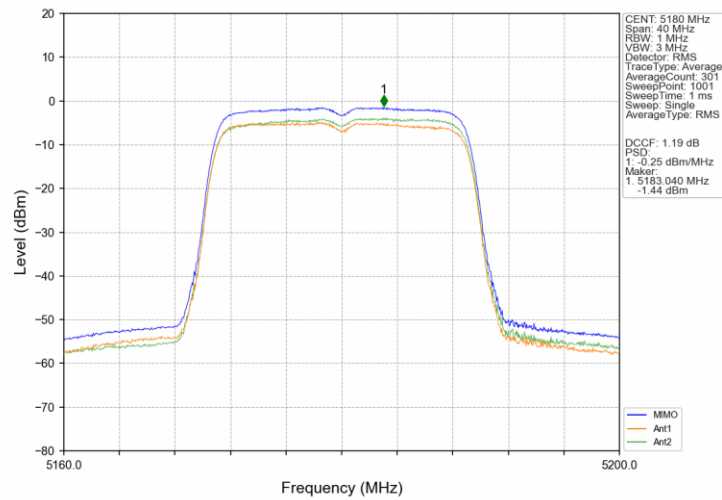


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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

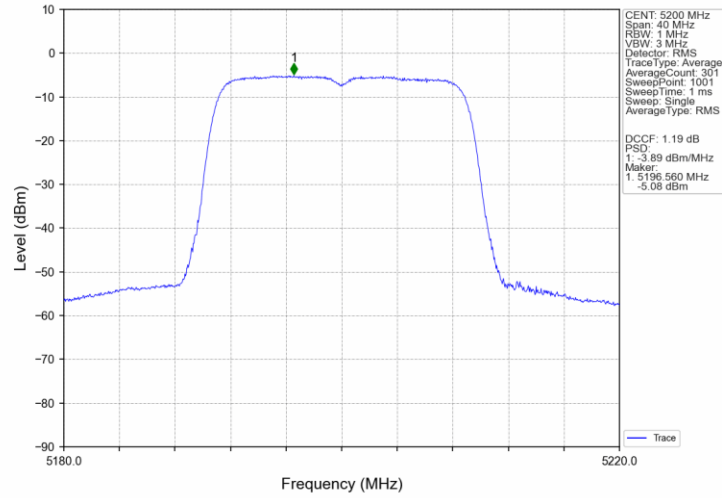


802.11n(HT20)_LCH_5180MHz_MIMO_NTNV

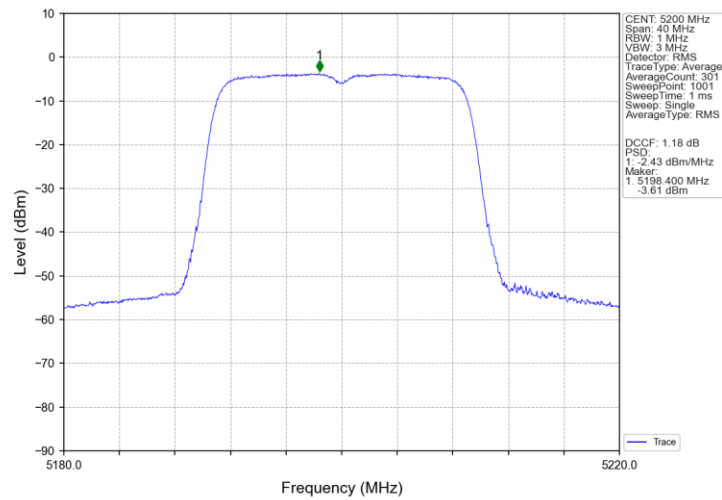


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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

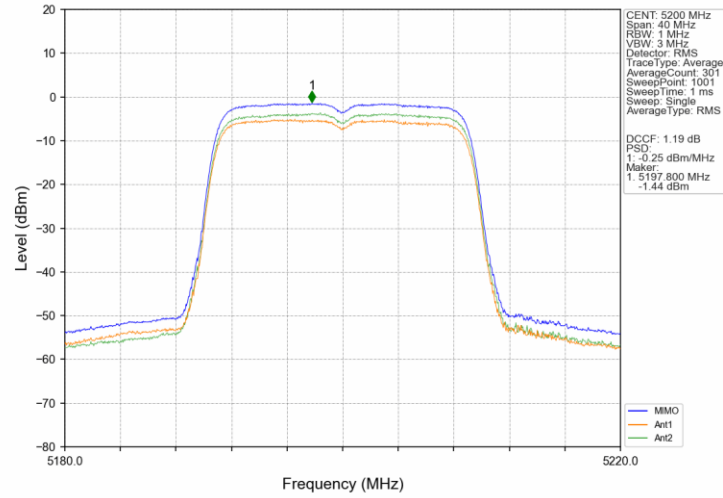


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

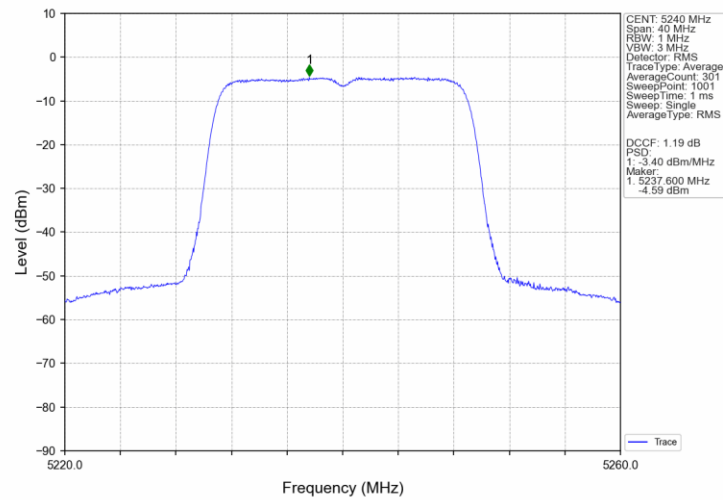


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802.11n(HT20)_MCH_5200MHz_MIMO_NTNV

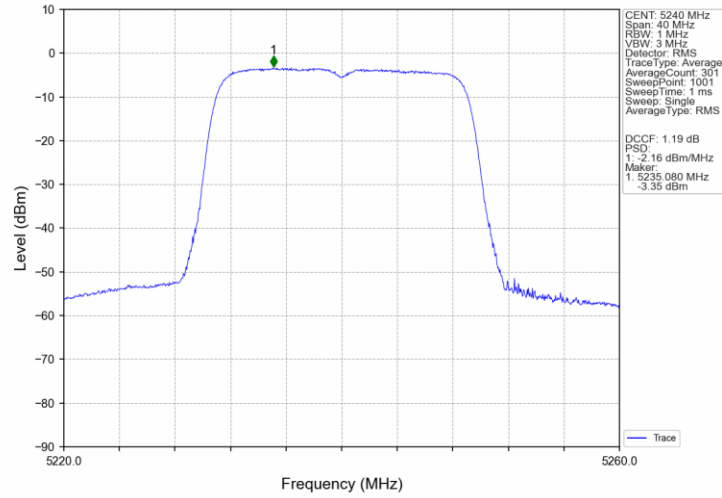


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

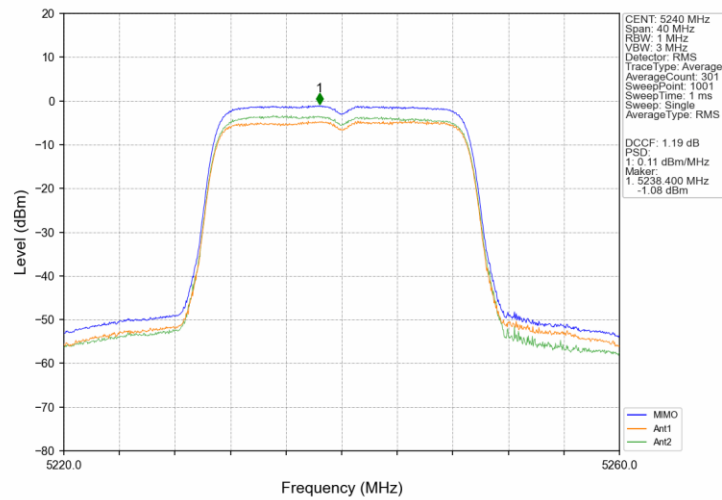


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802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



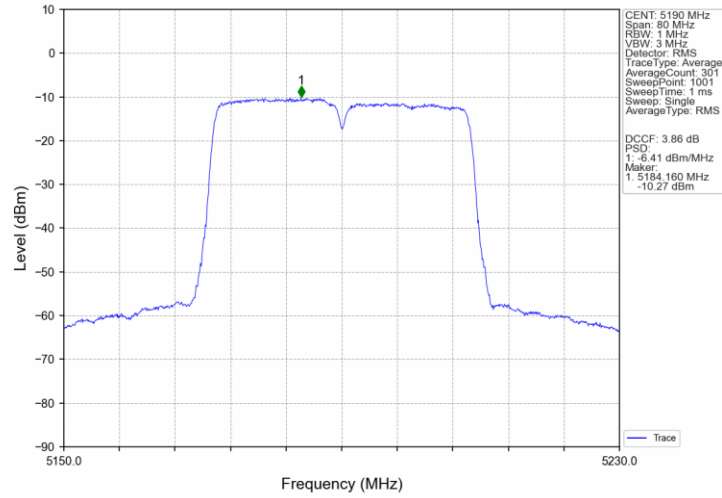
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



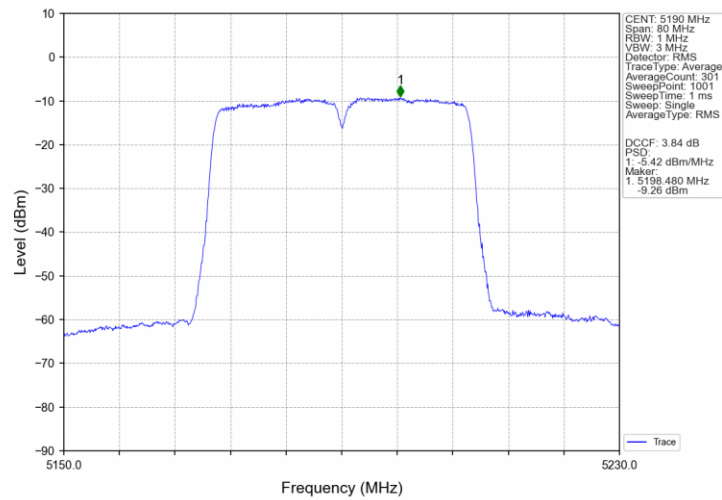


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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

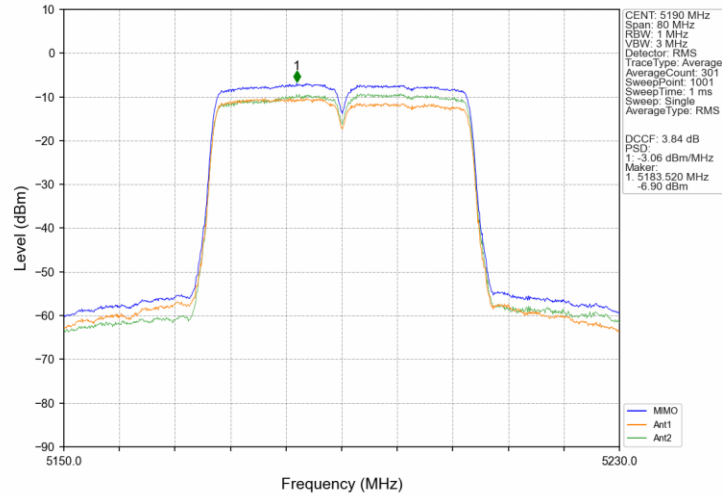


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

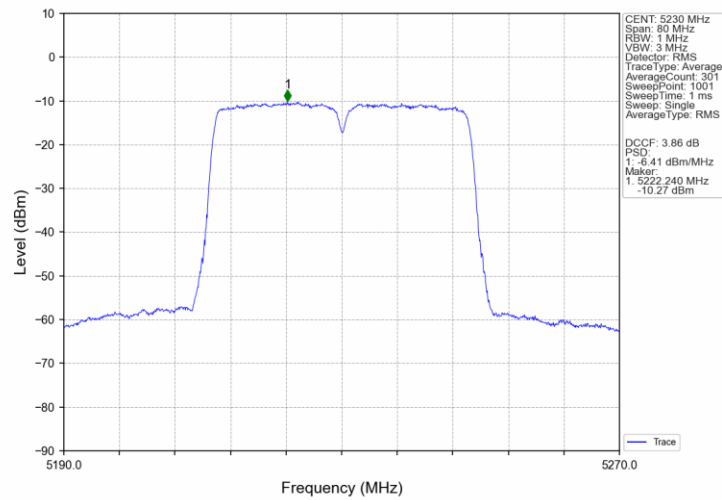


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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV

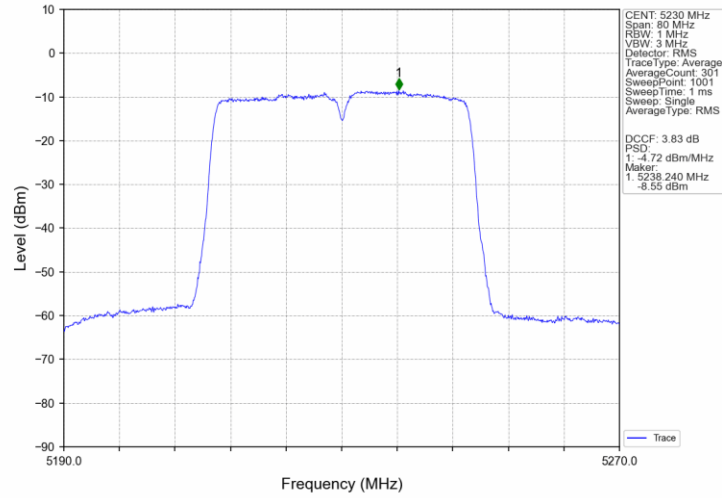


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

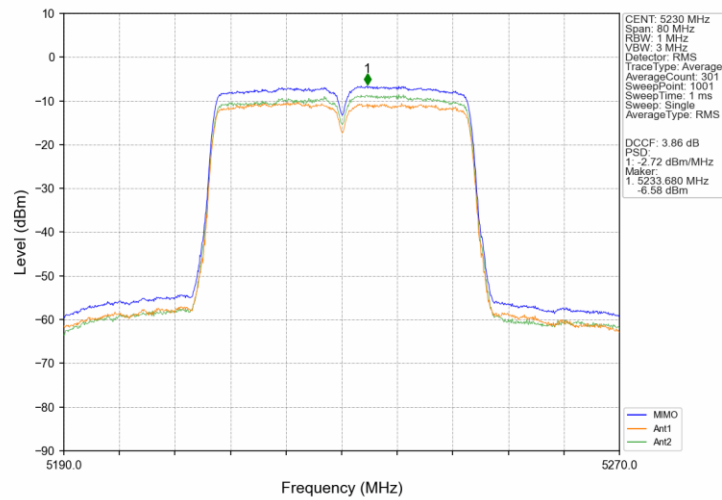


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802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

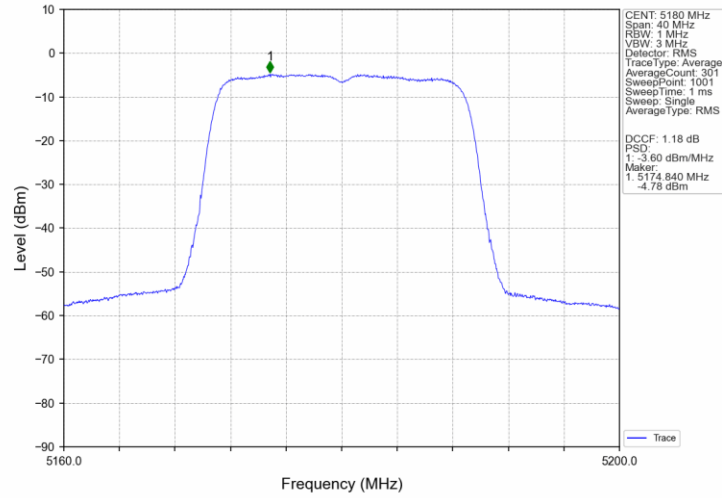


802.11n(HT40)_HCH_5230MHz_MIMO_NTNV

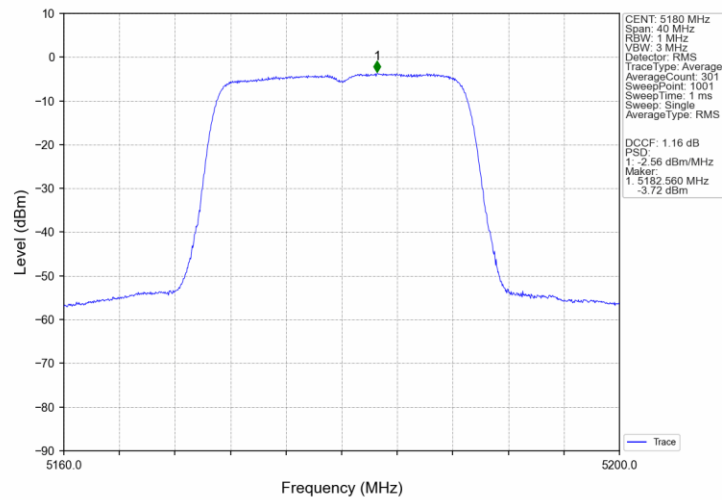




802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

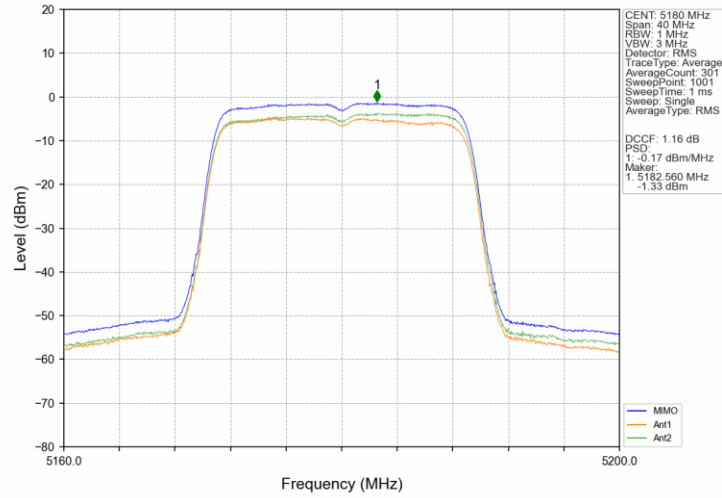


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

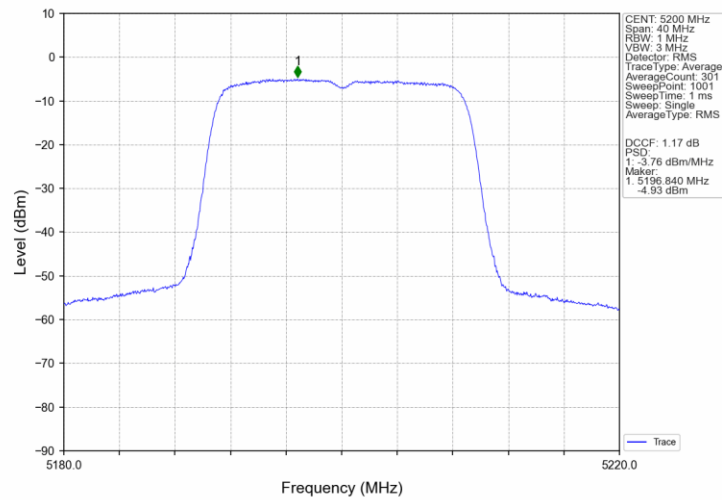


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802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV

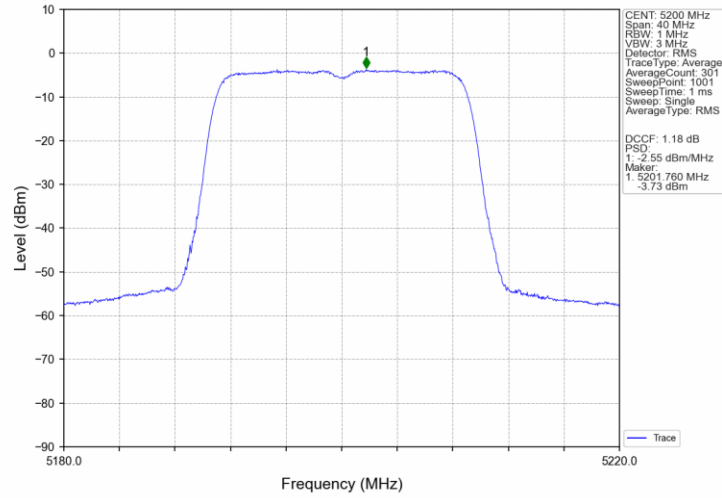


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

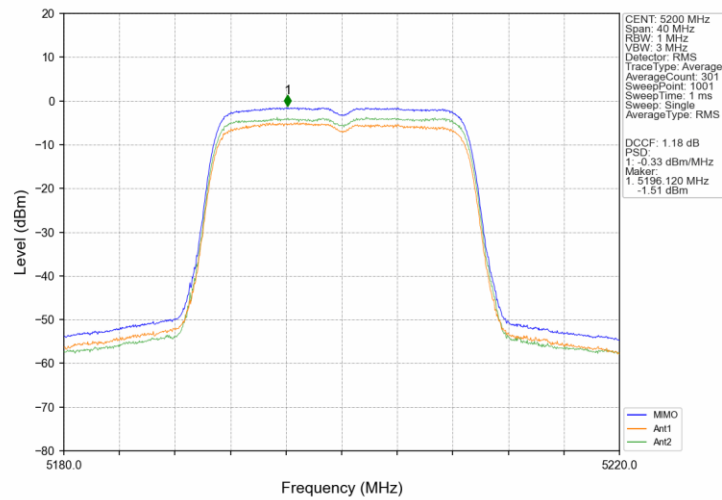


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802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

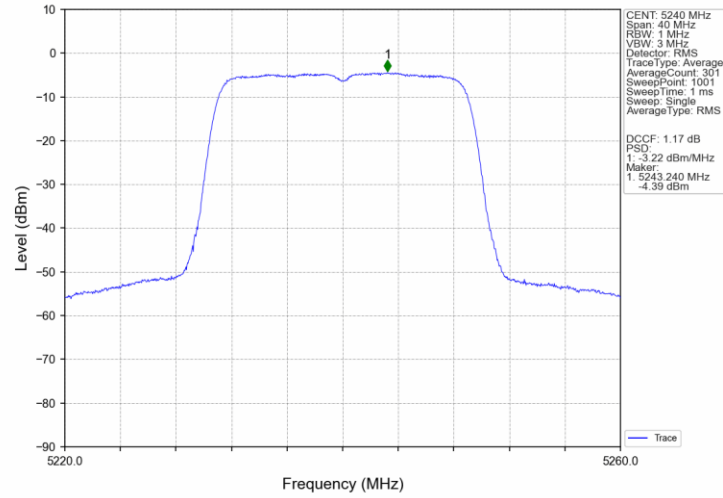


802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV

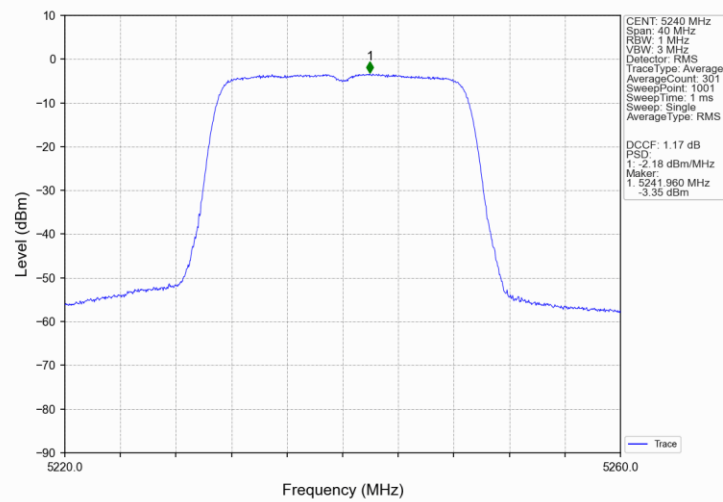




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

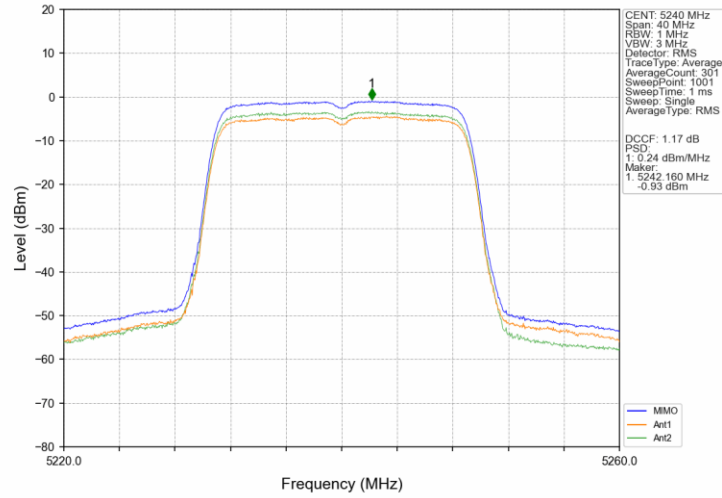


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

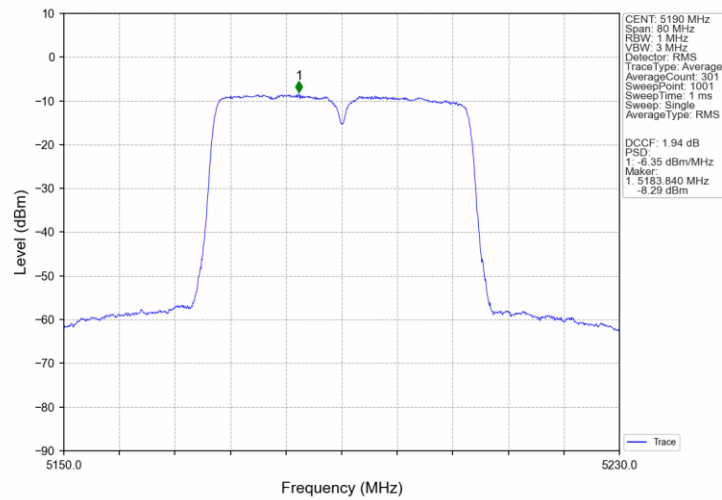


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802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV

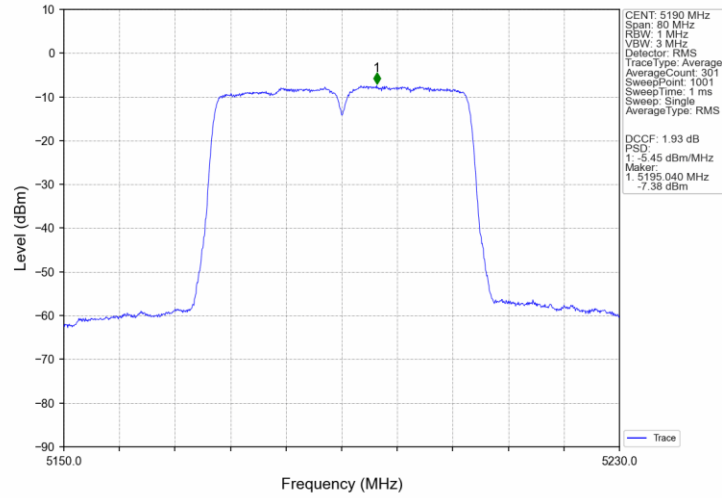


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

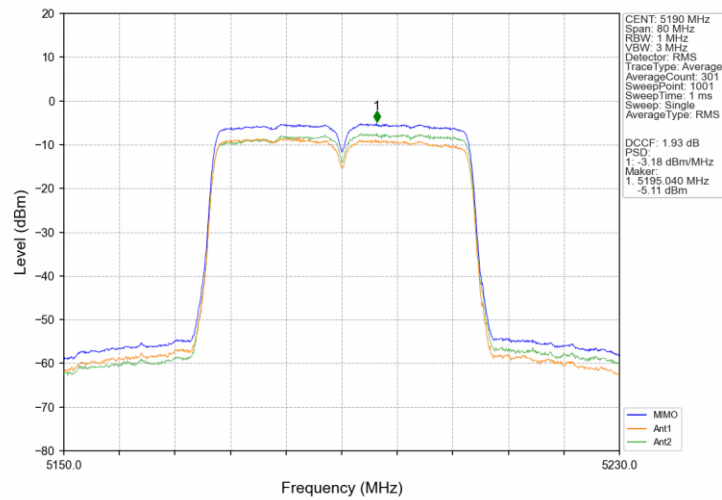


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802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

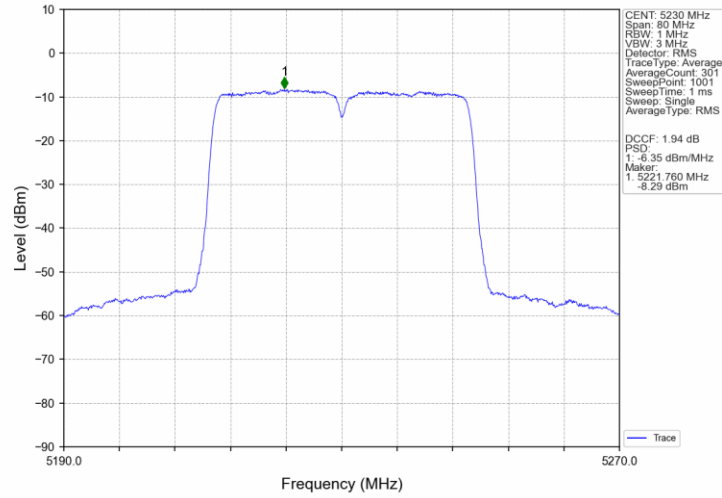


802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV

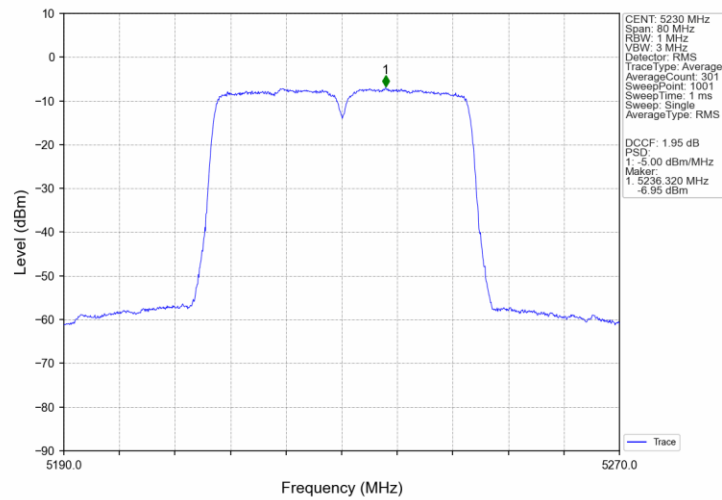




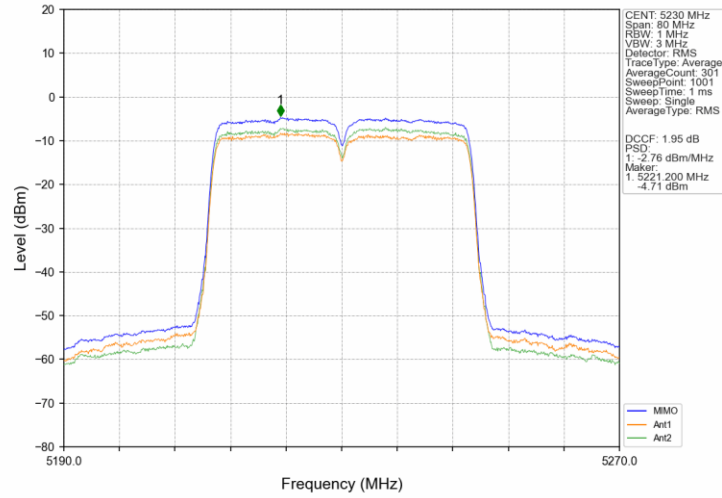
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



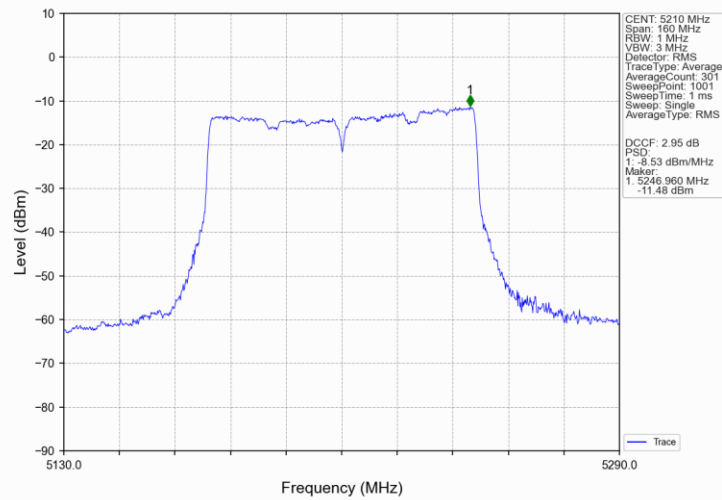
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV

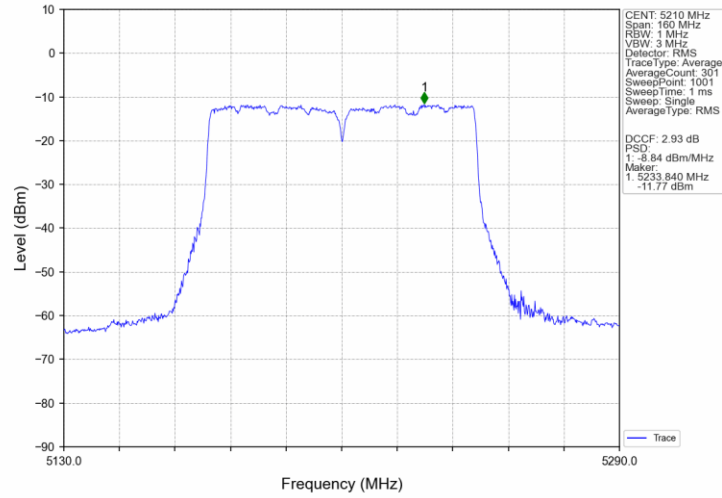


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

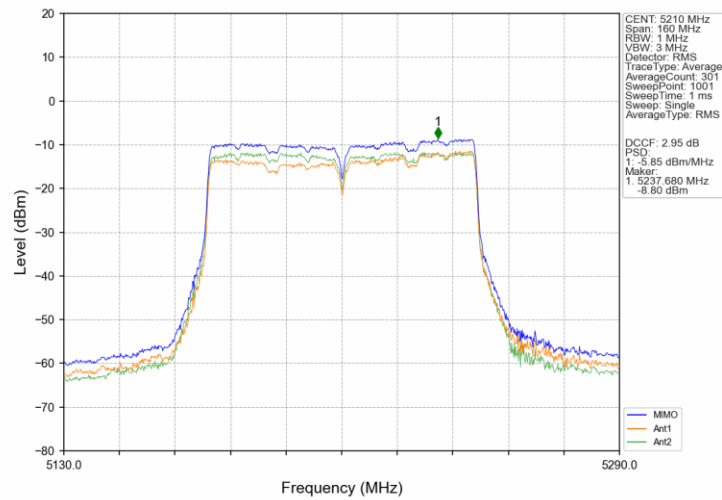


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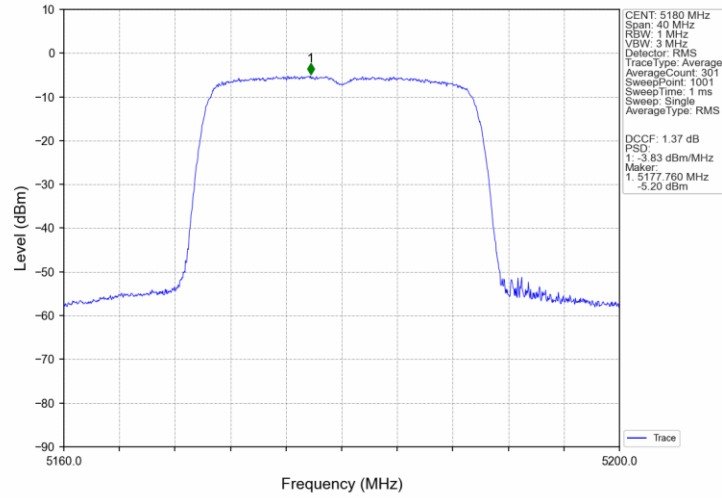
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



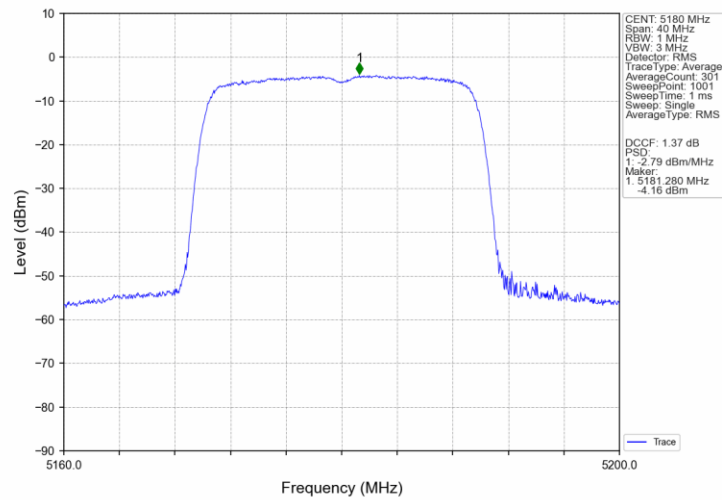
802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV

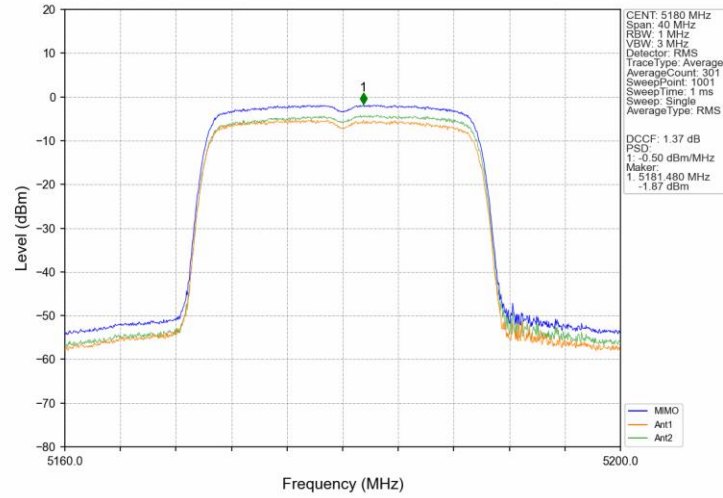


802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV

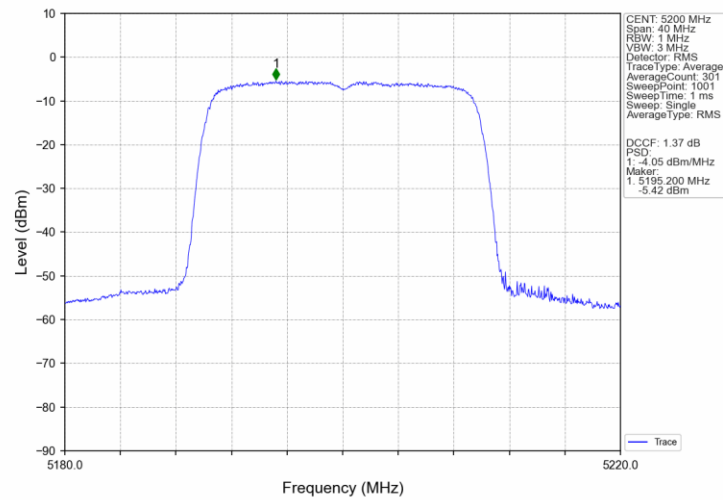


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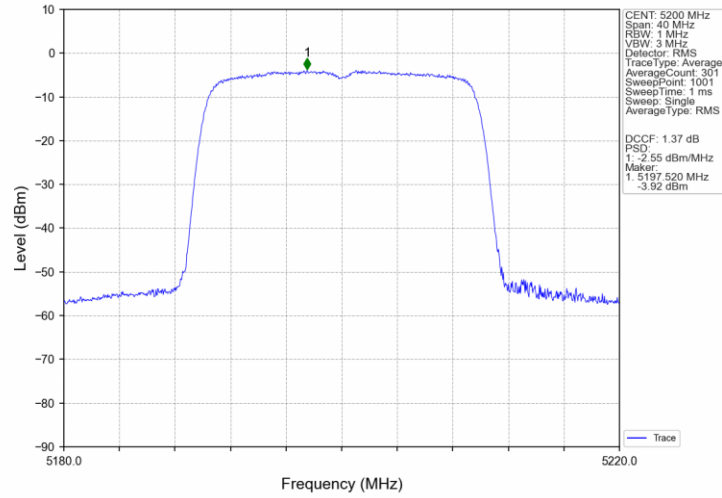
802.11ax(HEW20) LCH 5180MHz SU / MIMO NTN



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



802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant2_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / _MIMO_NTNV

