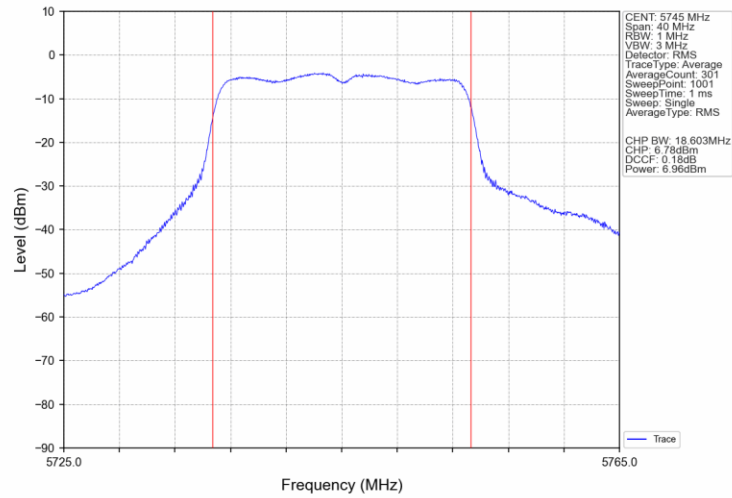
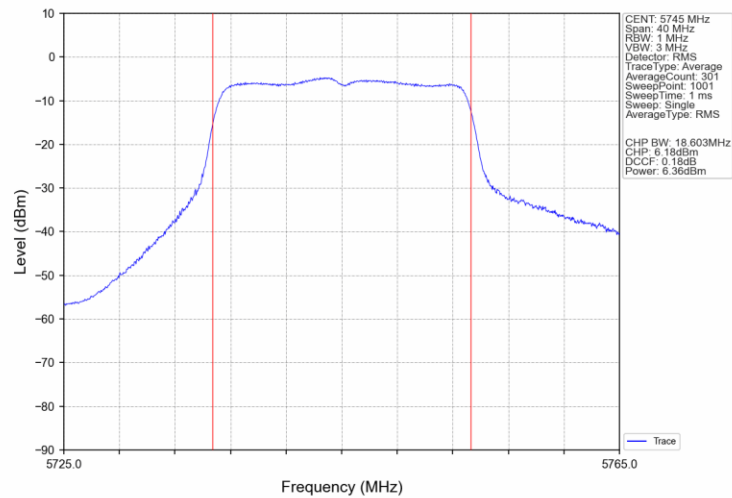


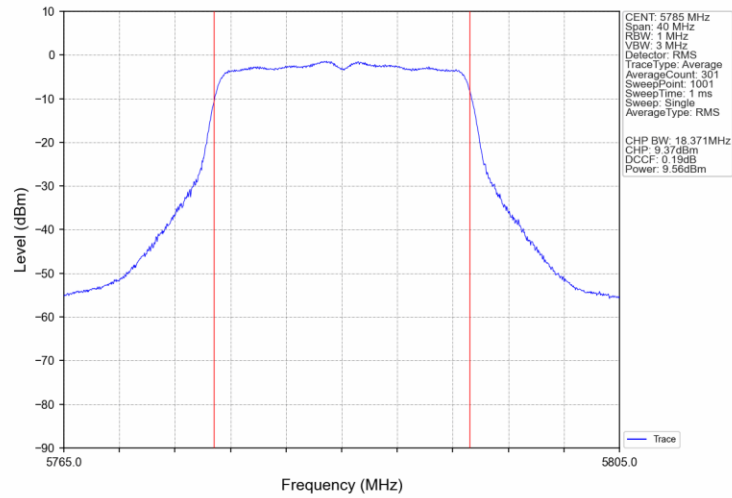
802.11n(HT20)_LCH_5745MHz_Ant3_NTNV



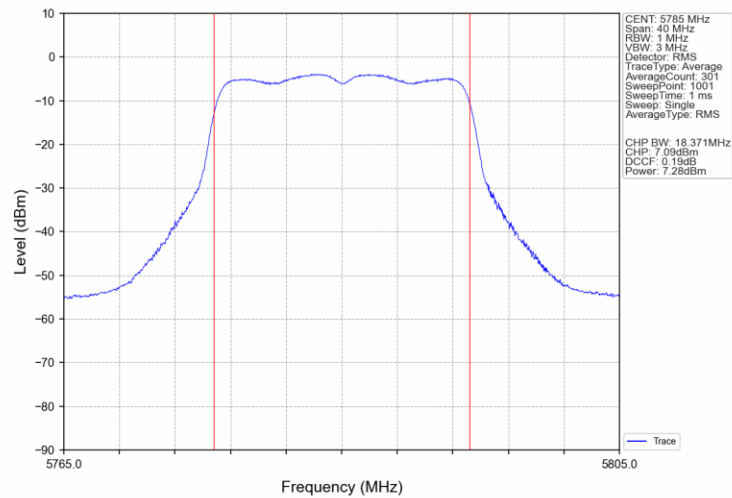
802.11n(HT20)_LCH_5745MHz_Ant4_NTNV



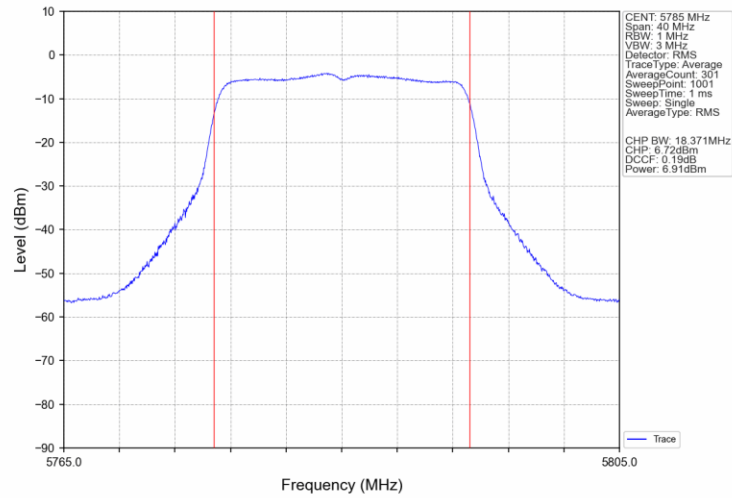
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



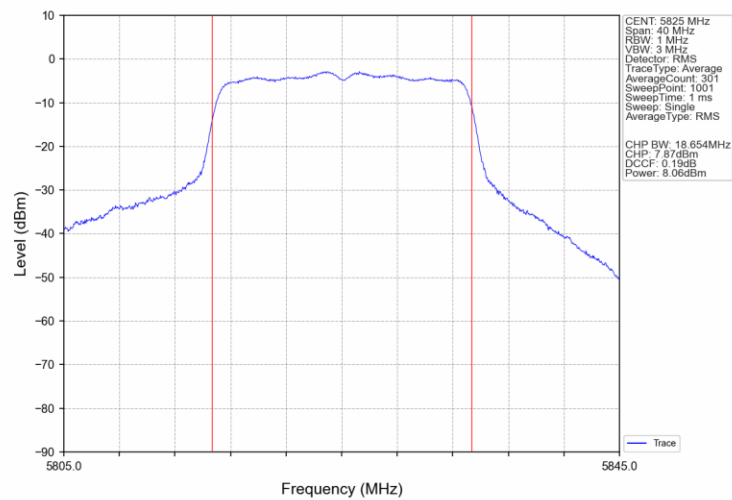
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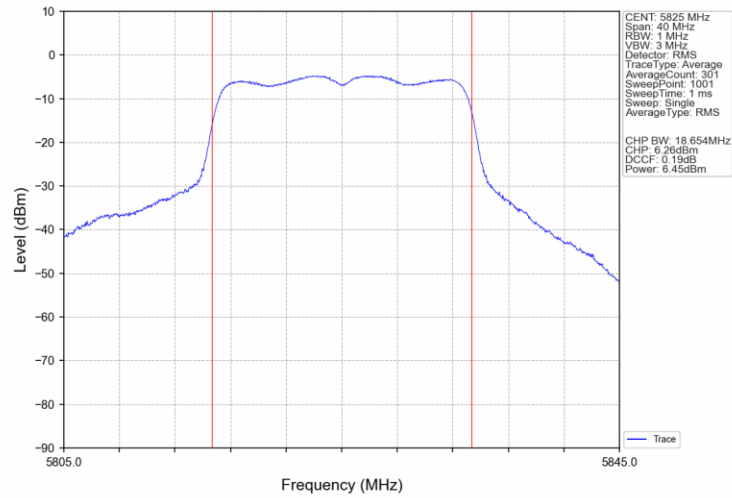
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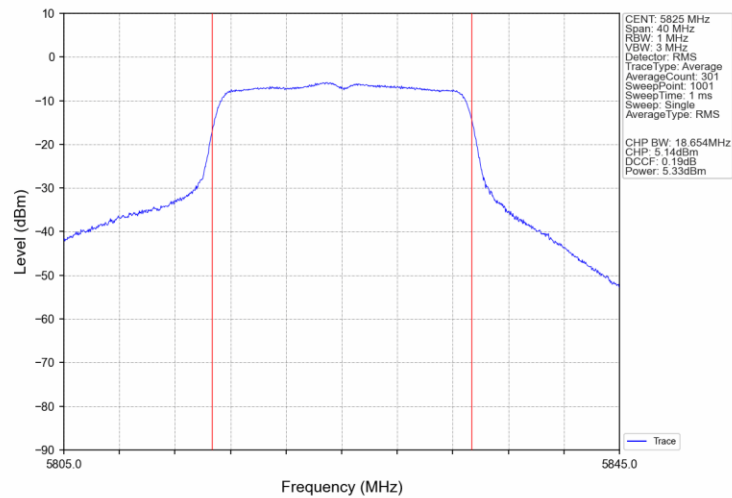
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



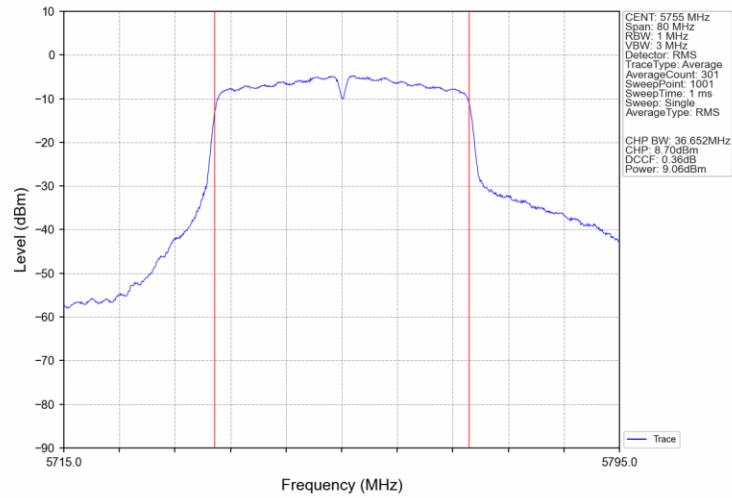
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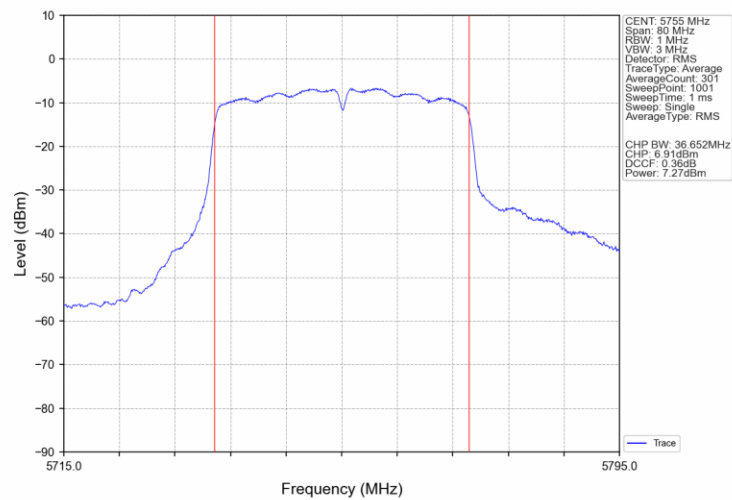
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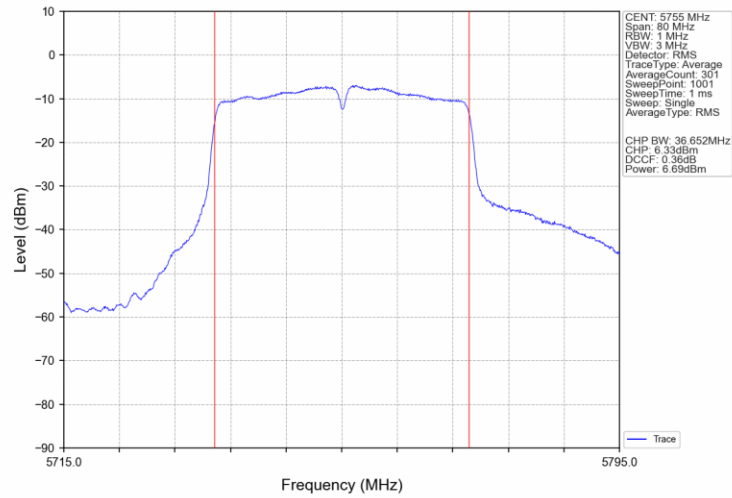
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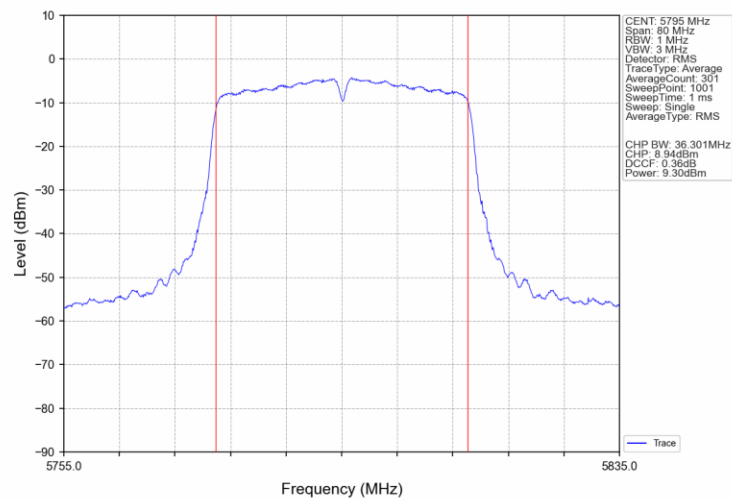
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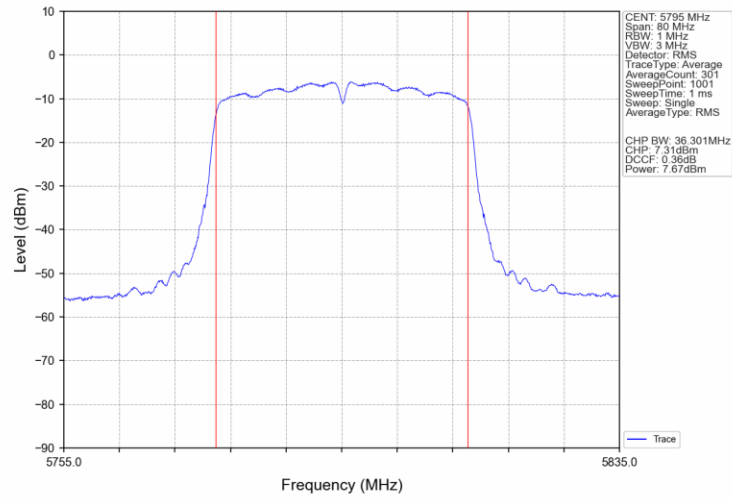
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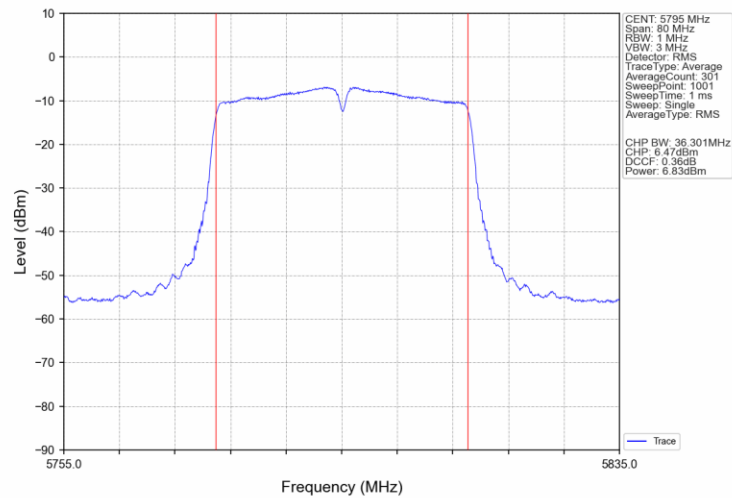
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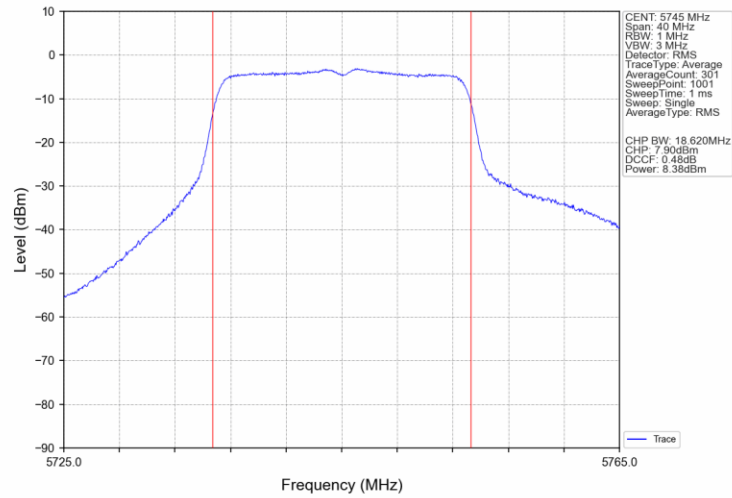
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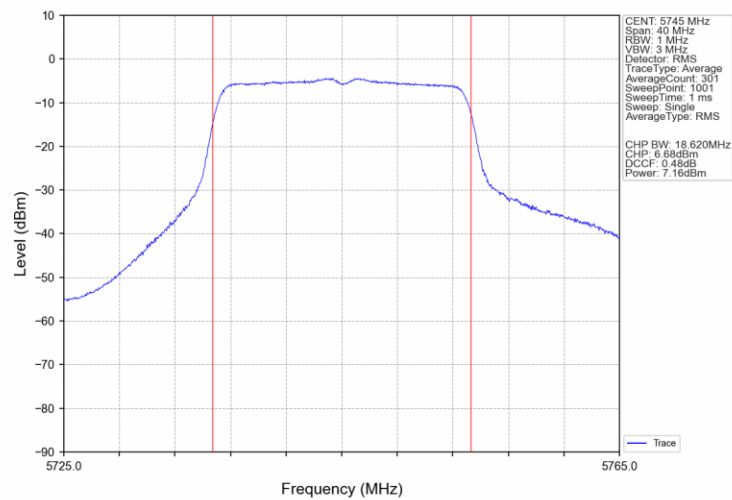
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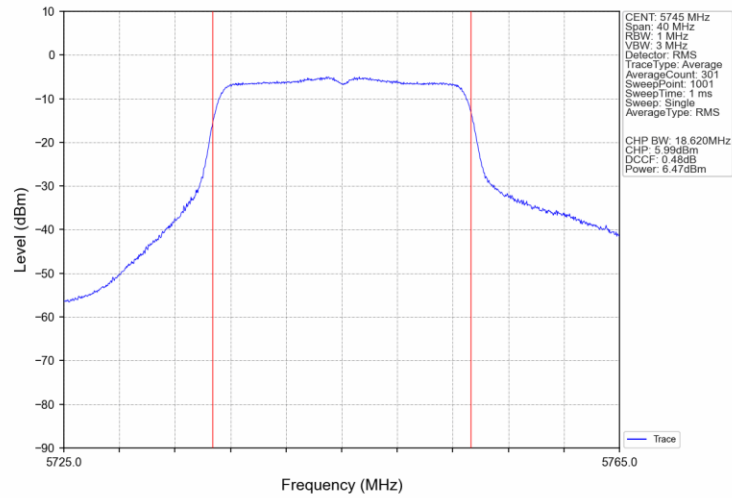
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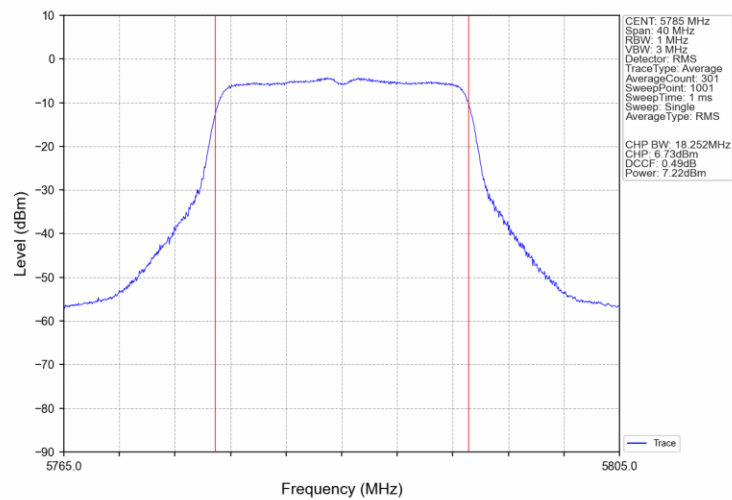
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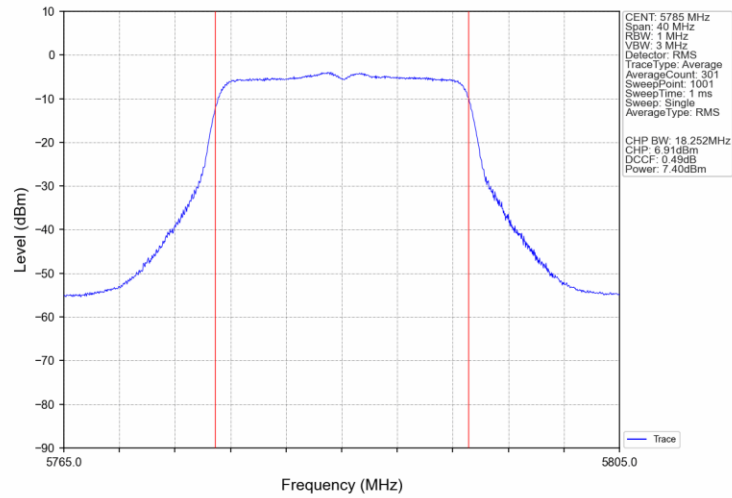
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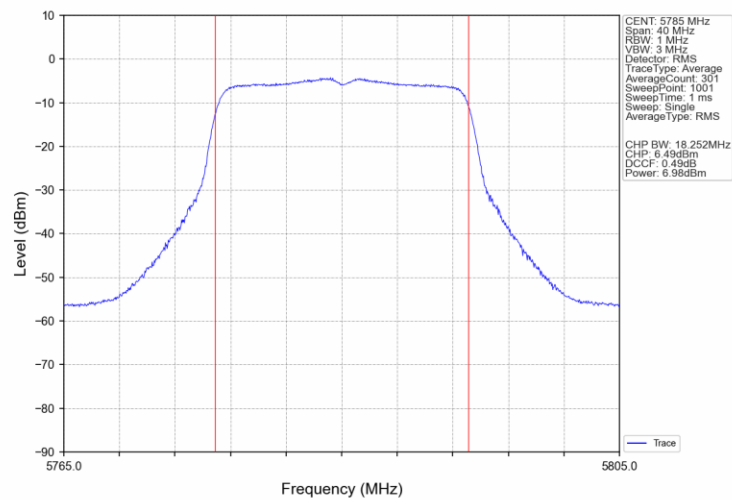
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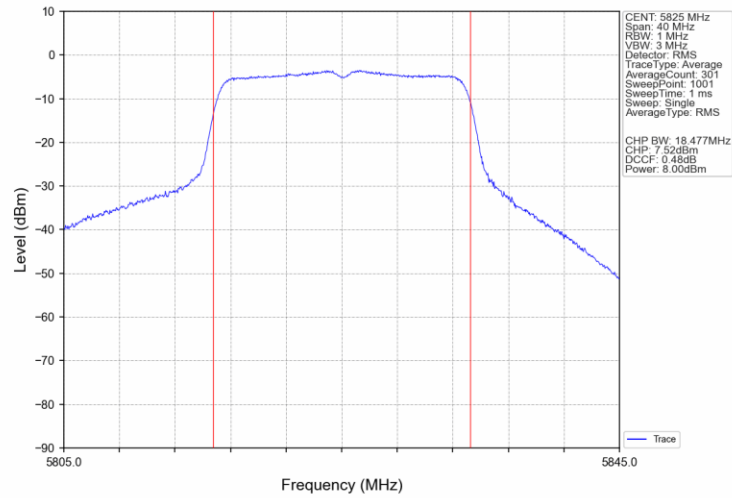
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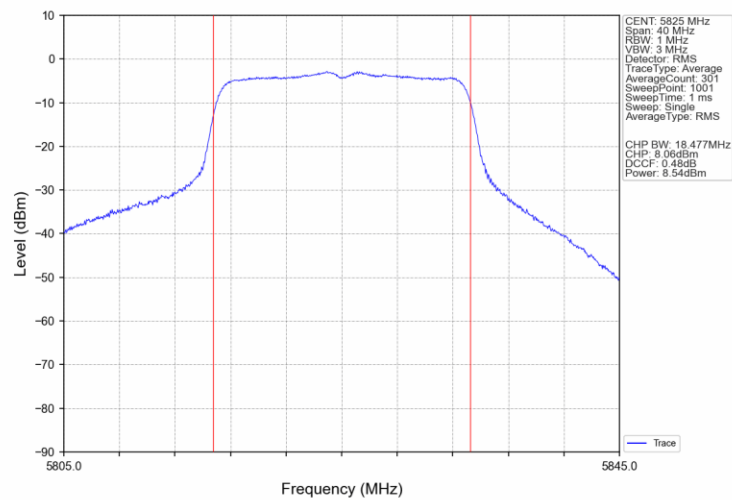
802.11ac(VHT20)_MCH_5785MHz_Ant4_NTNV



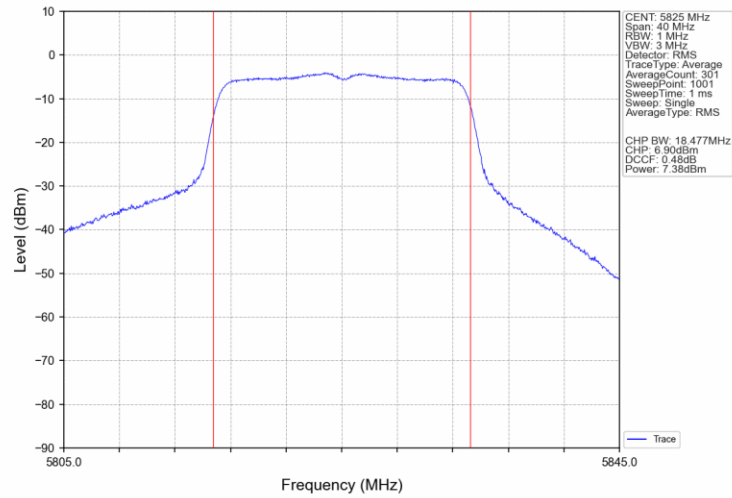
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



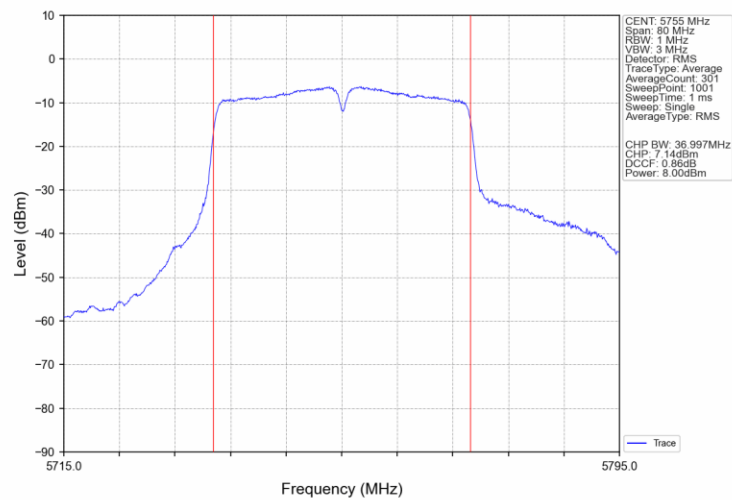
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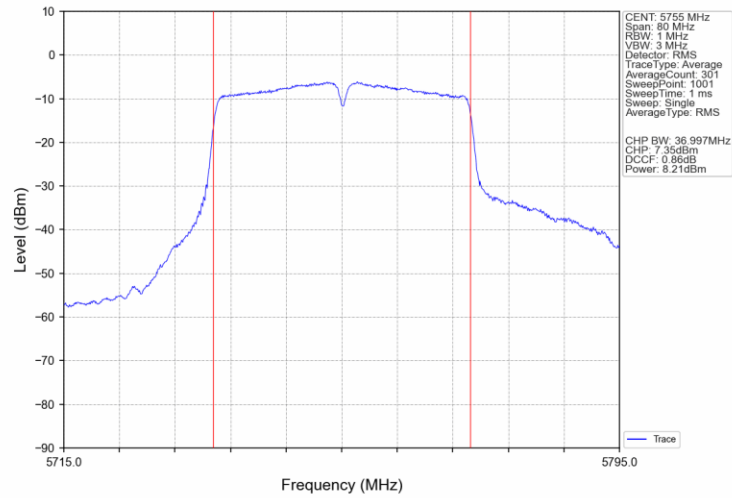
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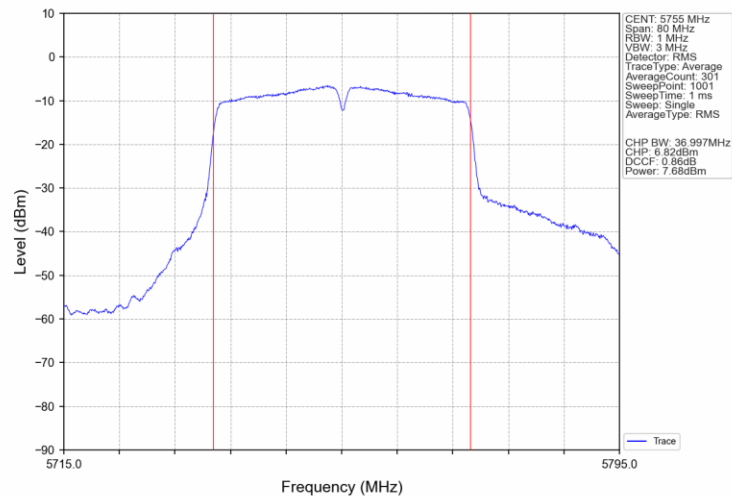
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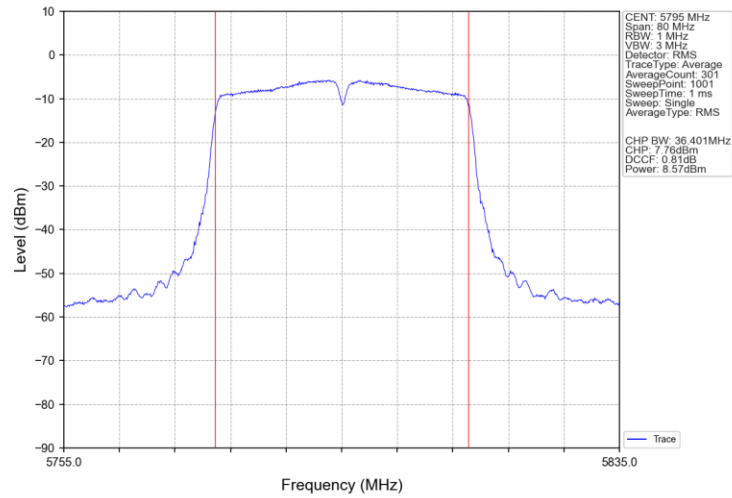
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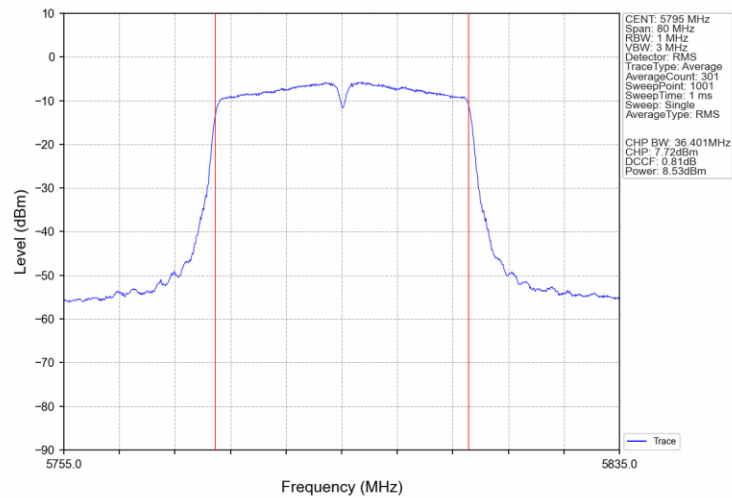
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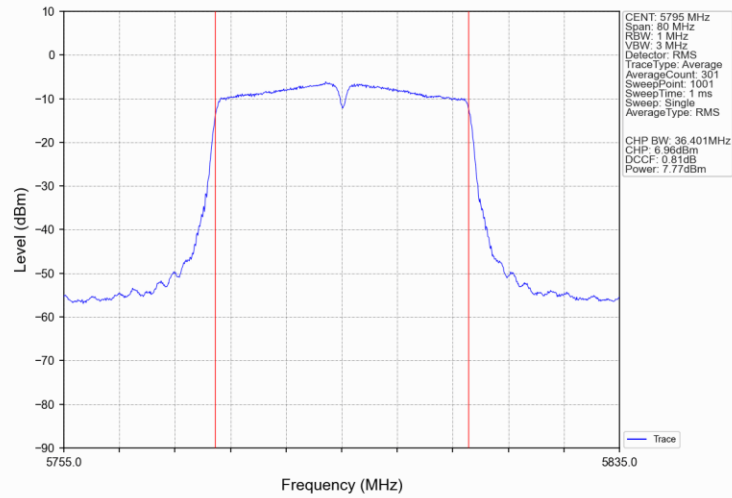
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



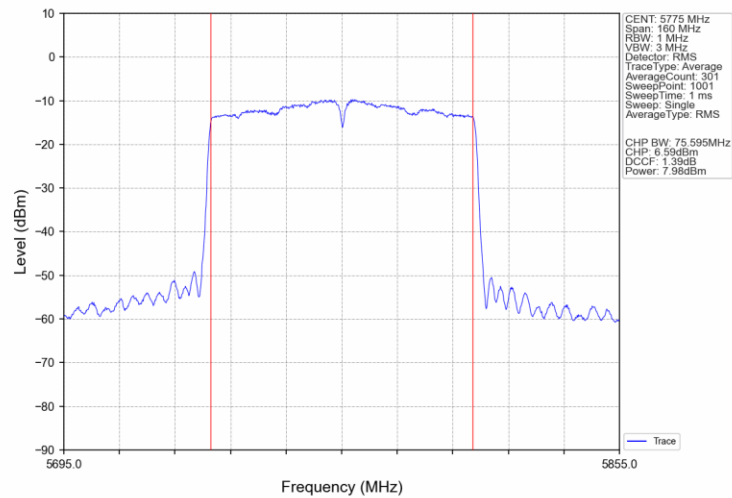
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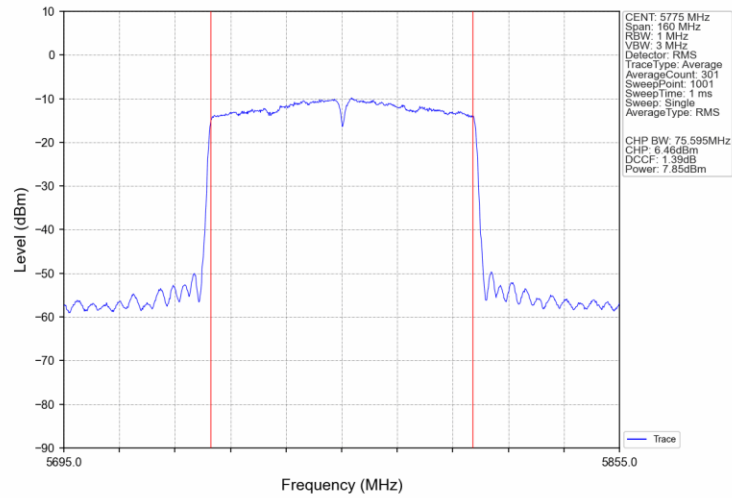
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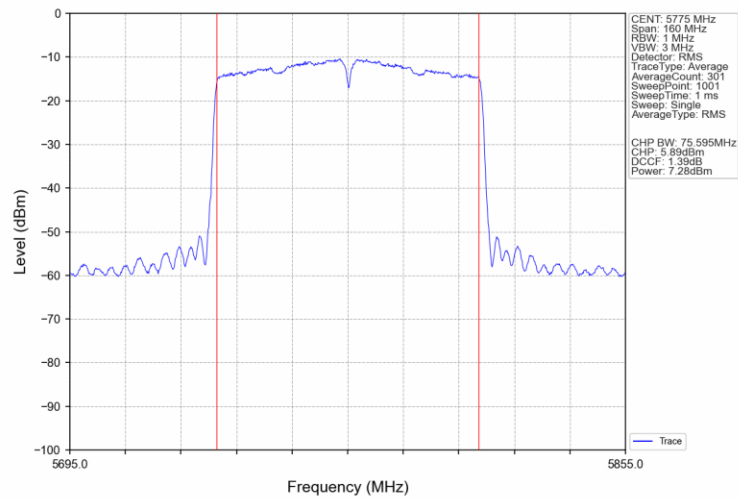
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



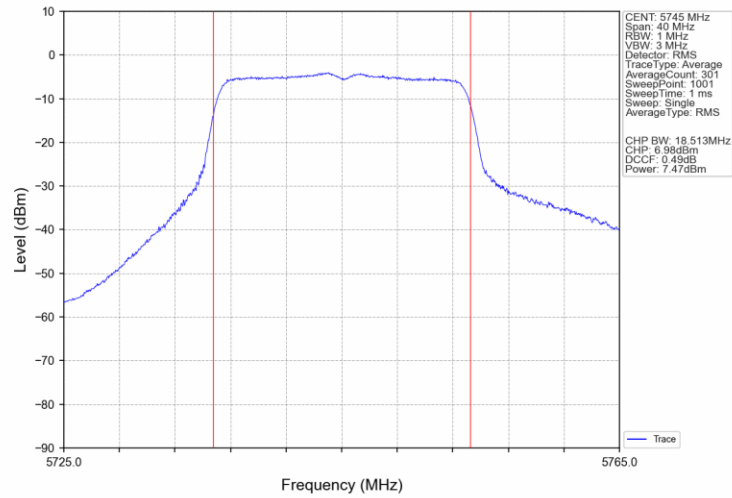
802.11ac(VHT80)_MCH_5775MHz_Ant3_NTNV



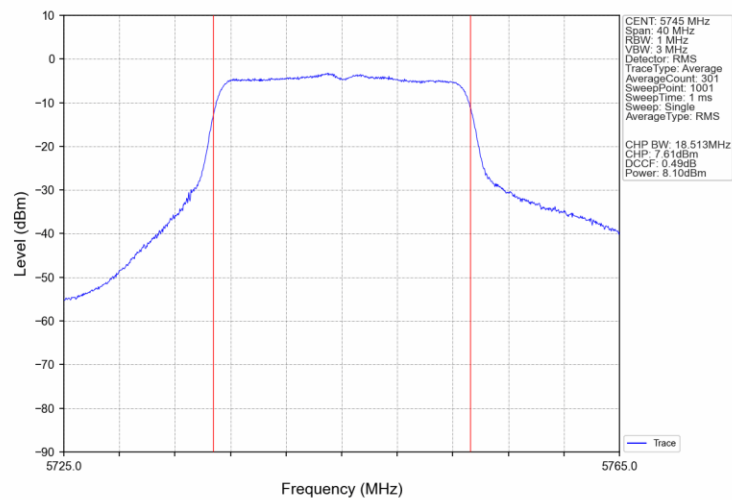
802.11ac(VHT80)_MCH_5775MHz_Ant4_NTNV



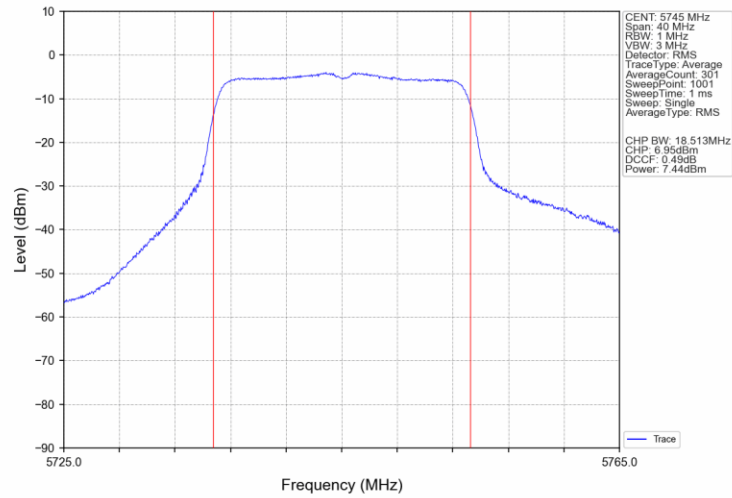
802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant2_NTNV



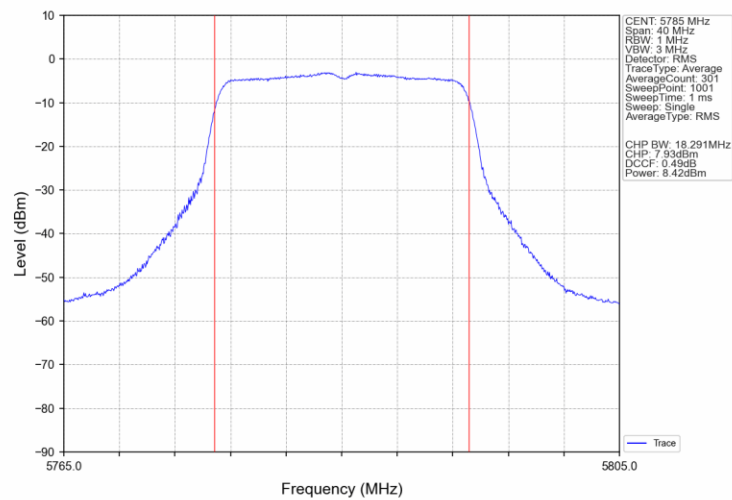
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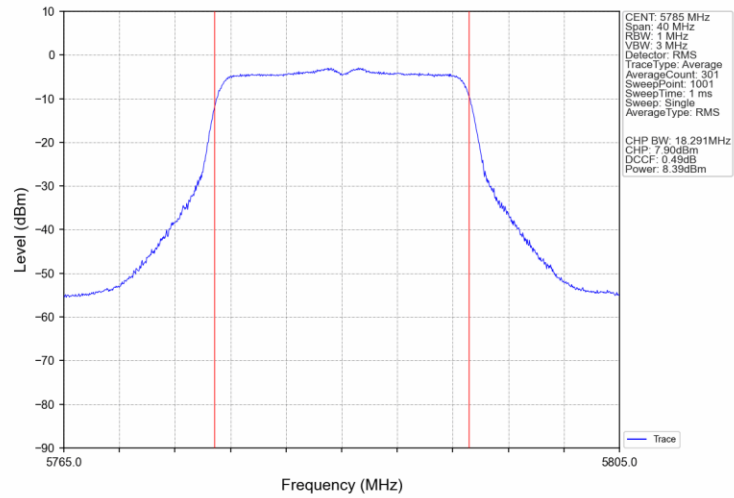
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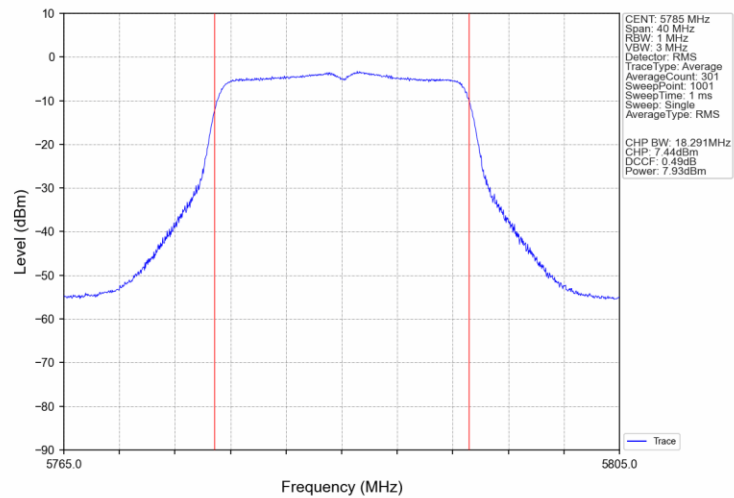
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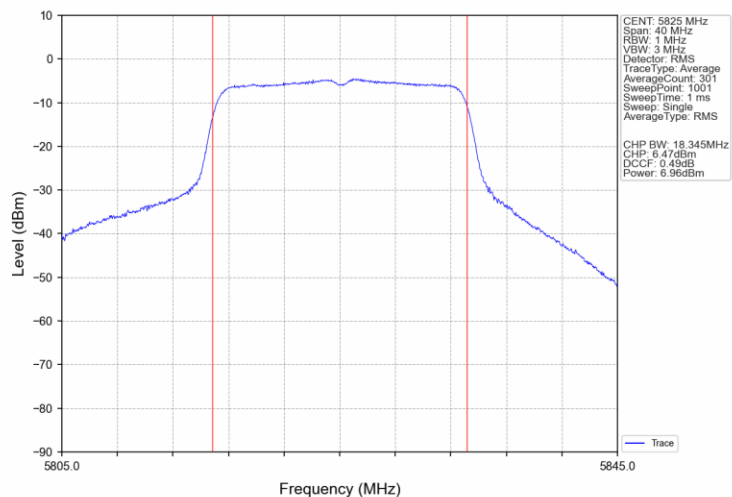
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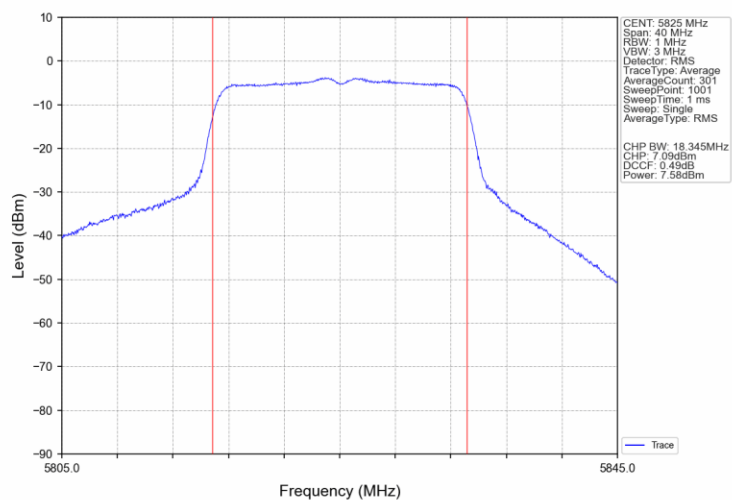
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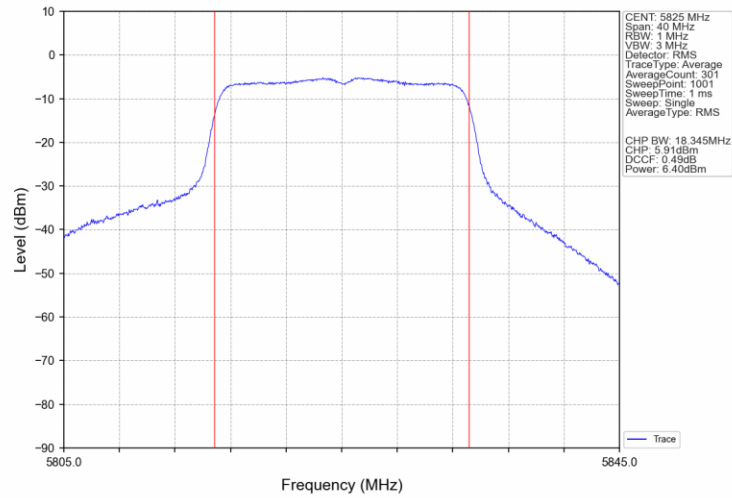
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant2_NTNV



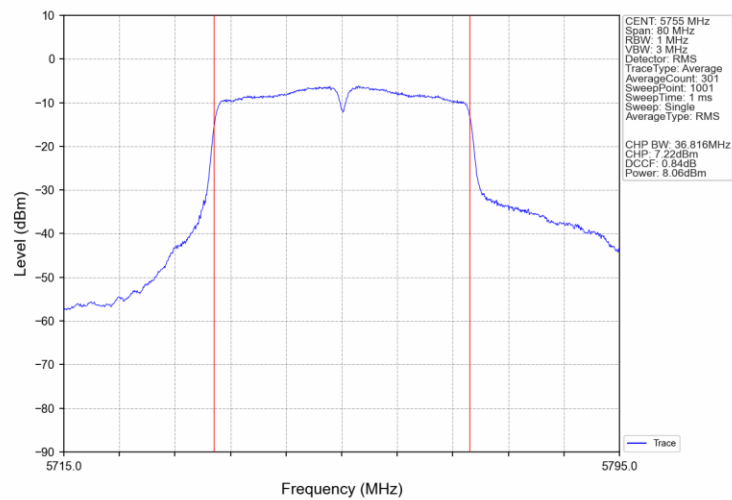
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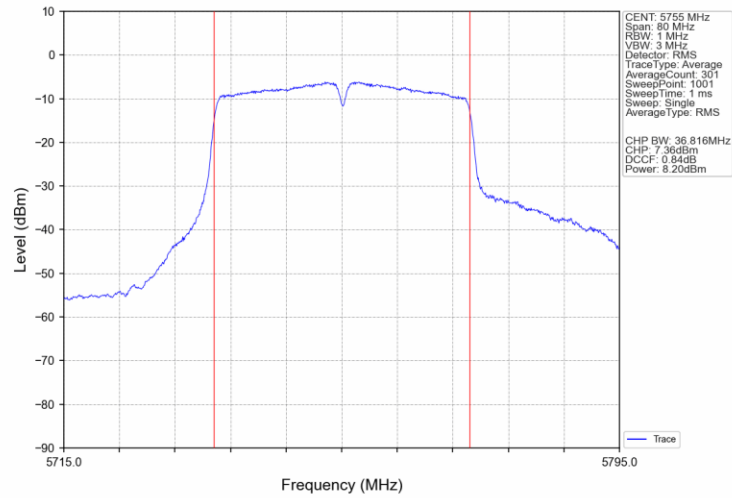
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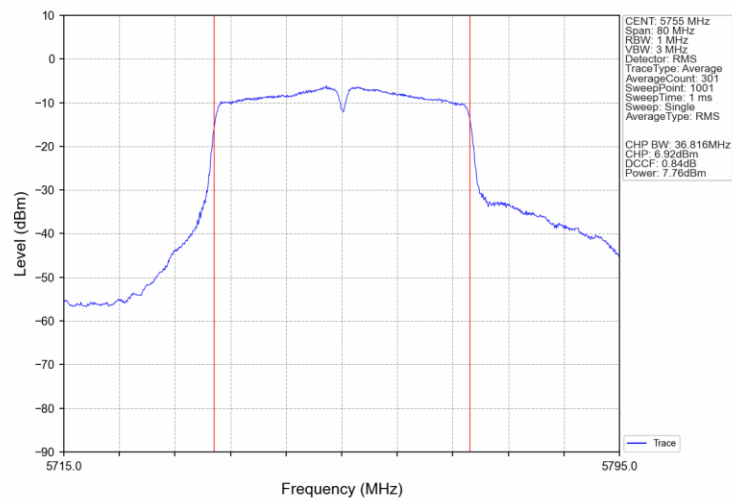
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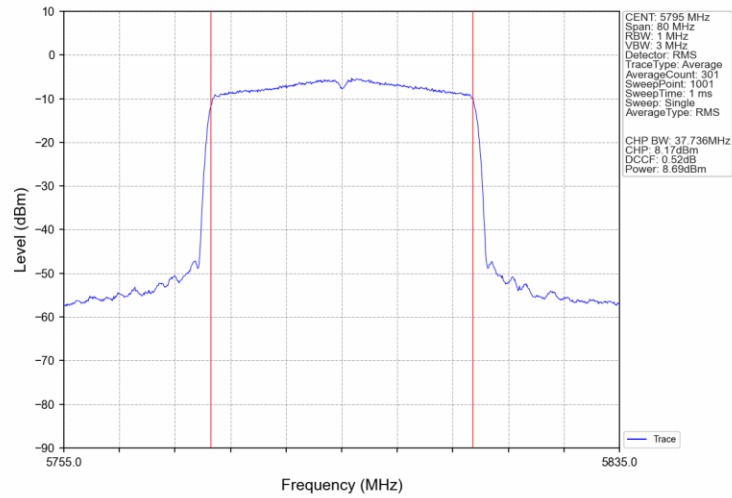
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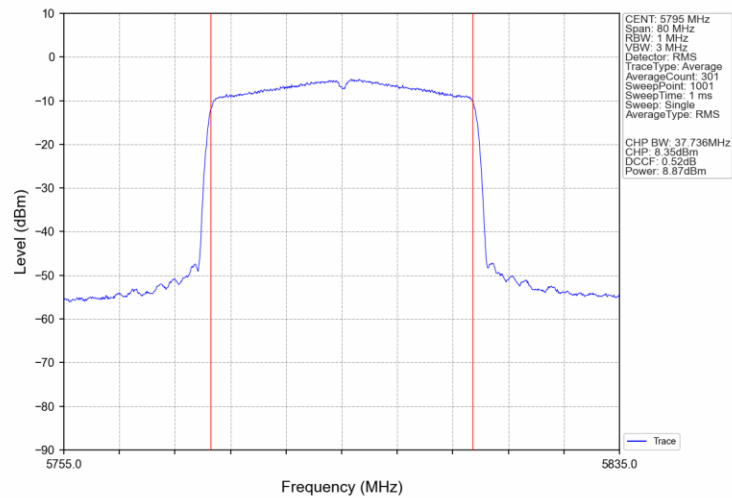
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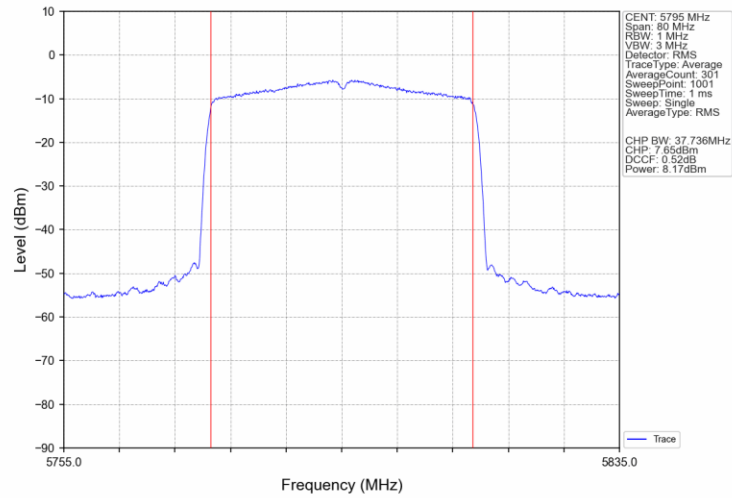
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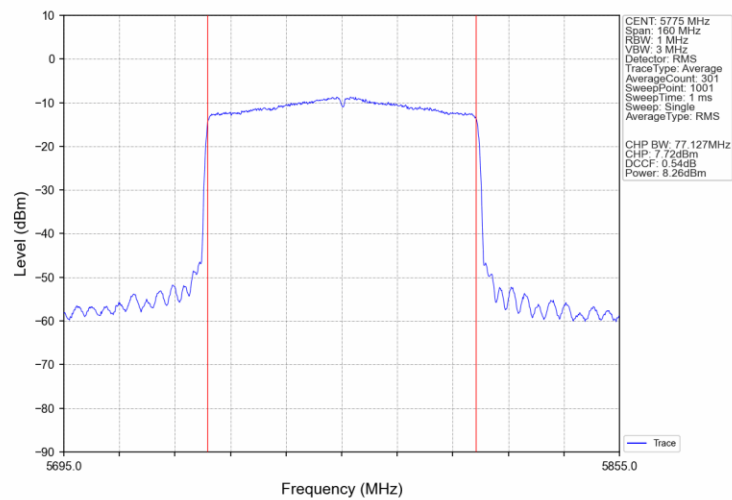
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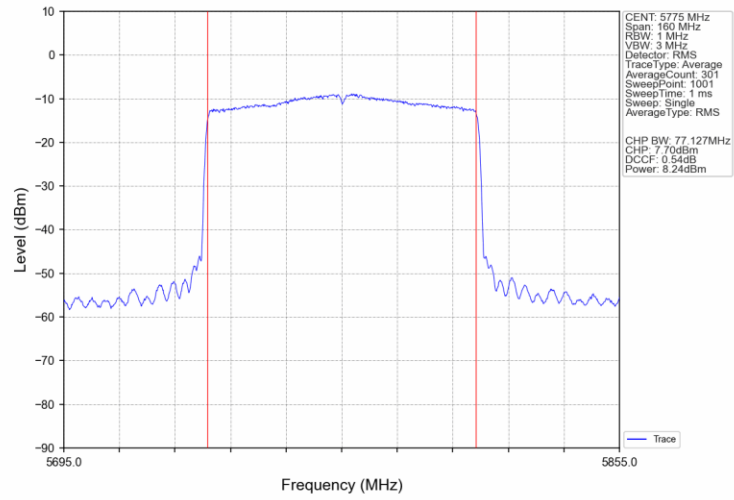
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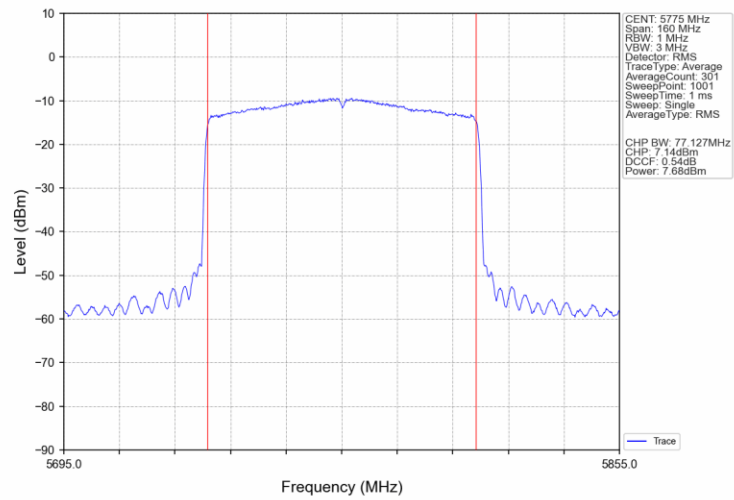
802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant3_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant4_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

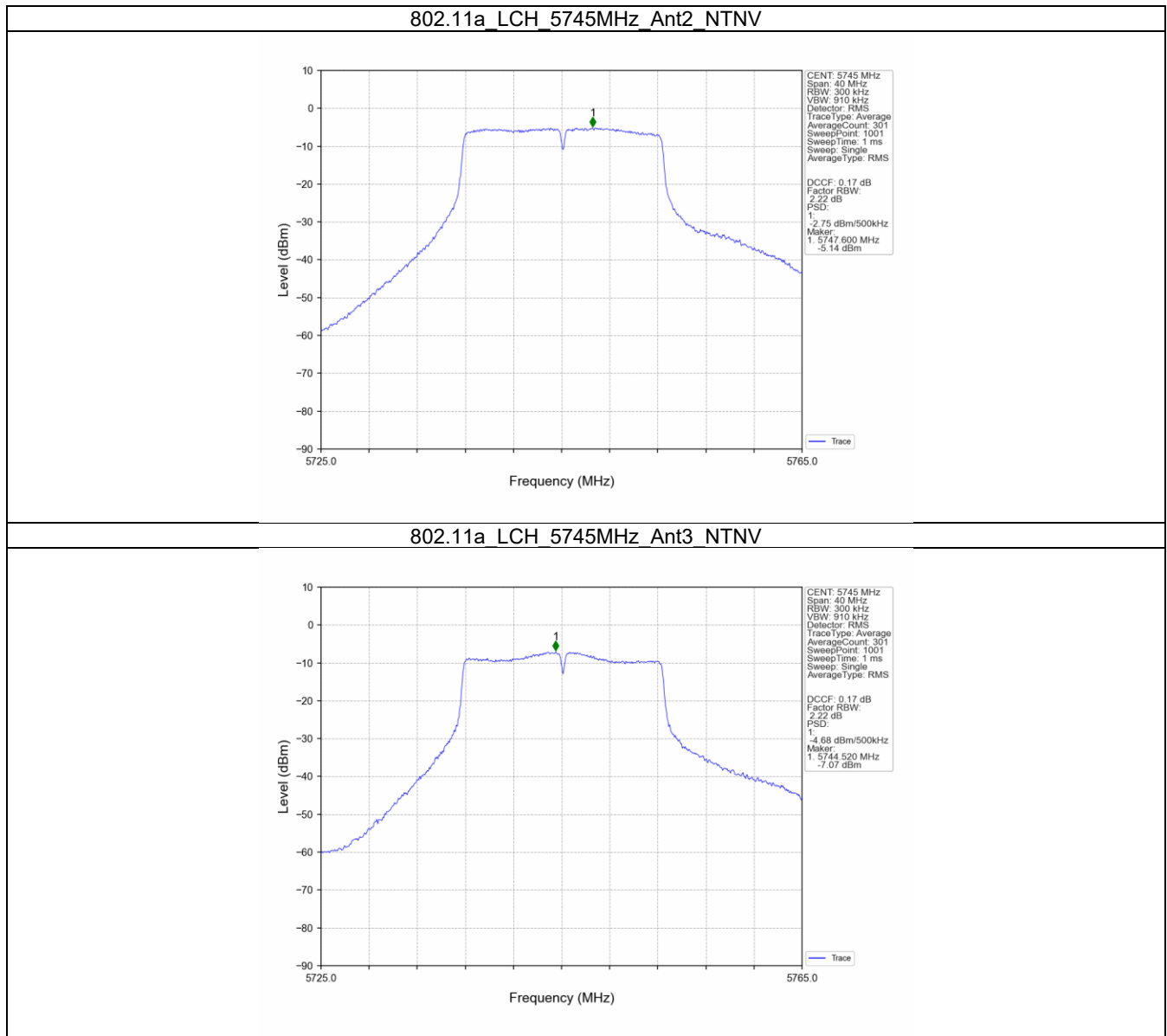
4.1.1 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)					Verdict
					ANT2	ANT3	ANT4	MIMO	Limit	
802.11a	MIMO	5745	/	/	-2.75	-4.68	-5.64	0.43	<=27.64	Pass
		5785	/	/	-2.10	-4.34	-5.29	0.93	<=27.64	Pass
		5825	/	/	-3.03	-4.93	-6.62	-0.12	<=27.64	Pass
802.11n (HT20)	MIMO	5745	/	/	-4.82	-6.86	-7.55	-1.53	<=27.64	Pass
		5785	/	/	-3.90	-6.69	-7.00	-0.96	<=27.64	Pass
		5825	/	/	-5.37	-7.37	-8.51	-2.39	<=27.64	Pass
802.11n (HT40)	MIMO	5755	/	/	-7.31	-8.98	-9.25	-3.83	<=27.64	Pass
		5795	/	/	-6.42	-8.63	-9.30	-3.37	<=27.64	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-5.70	-6.24	-7.33	-1.69	<=27.64	Pass
		5785	/	/	-6.48	-6.09	-6.79	-1.73	<=27.64	Pass
		5825	/	/	-8.36	-6.93	-8.18	-3.03	<=27.64	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-8.07	-8.22	-8.31	-3.58	<=27.64	Pass
		5795	/	/	-7.36	-7.79	-8.11	-3.05	<=27.64	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-10.57	-10.78	-11.21	-6.24	<=27.64	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-6.10	-5.67	-6.44	-1.45	<=27.64	Pass
		5785	SU	/	-5.40	-5.39	-5.83	-0.84	<=27.64	Pass
		5825	SU	/	-6.92	-5.92	-7.27	-1.97	<=27.64	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-8.10	-8.08	-8.28	-3.49	<=27.64	Pass
		5795	SU	/	-7.71	-7.74	-8.16	-3.18	<=27.64	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-10.96	-11.29	-11.71	-6.75	<=27.64	Pass

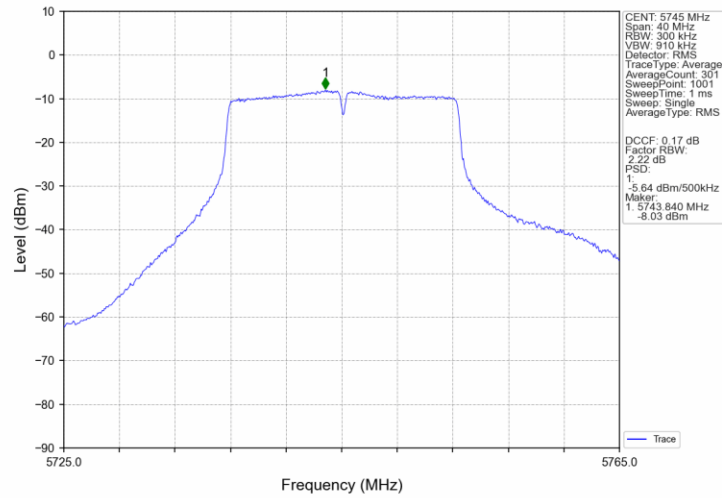
Note1: Antenna Gain: Ant2: 3.72dBi; Ant3: 3.67dBi; Ant4: 3.36dBi Directional gain : 8.36dBi
Note2: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})^2 / NANT]$, where G is the antenna gain in dBi, NANT it's the number of antennas.
Note3: PSD Limit (dBm) = 30 dBm - (8.36 dBi - 6 dBi) = 27.64dBm.

4.2 Test Graph

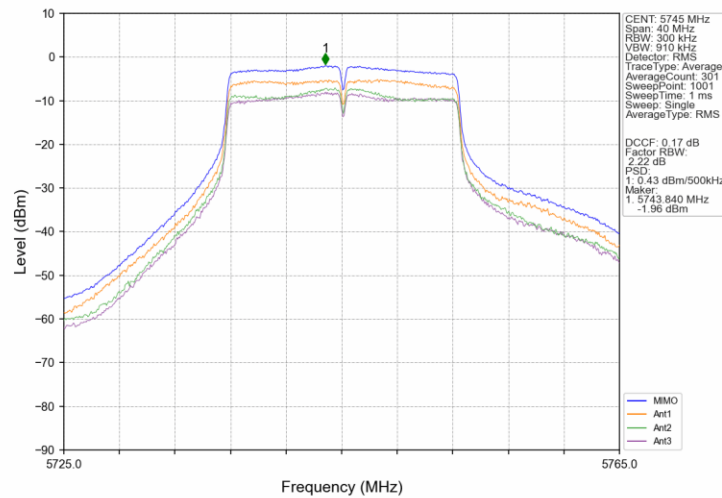
4.2.1 PSD-Band3



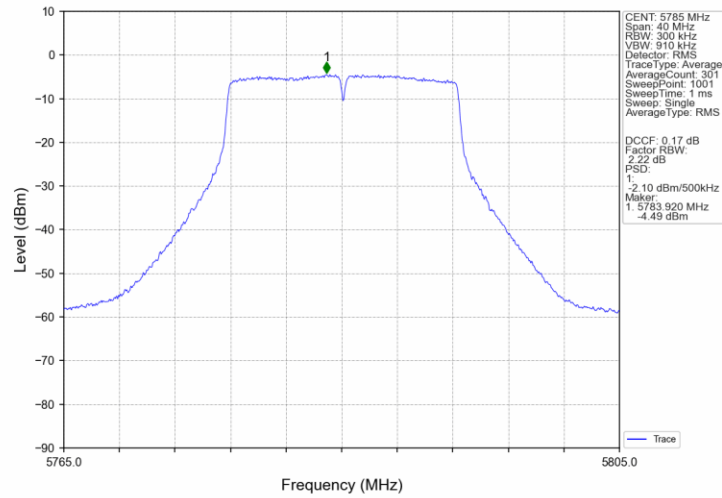
802.11a_LCH_5745MHz_Ant4_NTNV



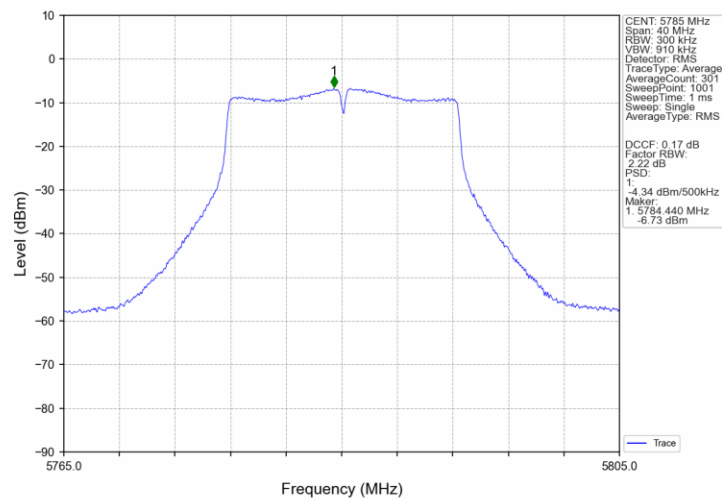
802.11a_LCH_5745MHz_MIMO_NTNV



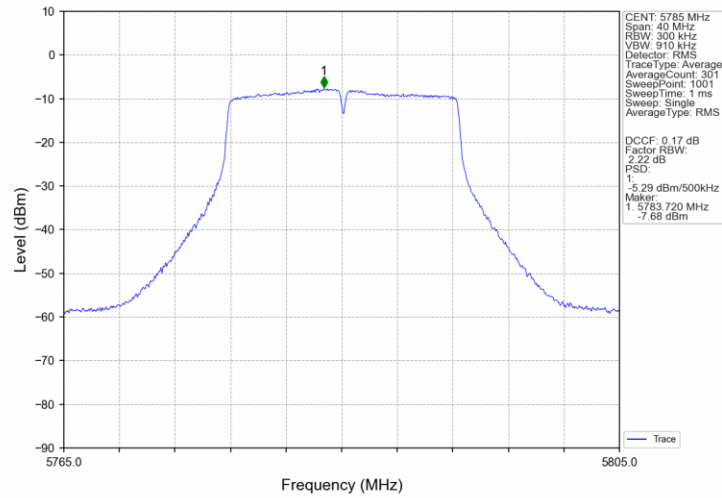
802.11a_MCH_5785MHz_Ant2_NTNV



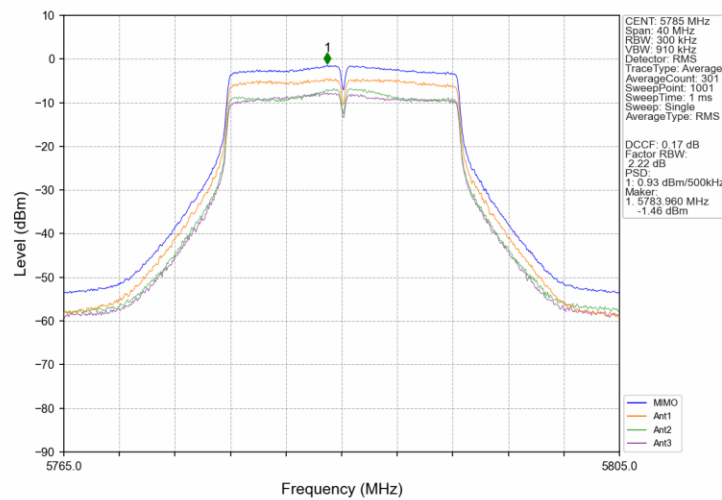
802.11a MCH 5785MHz Ant3 NTNv



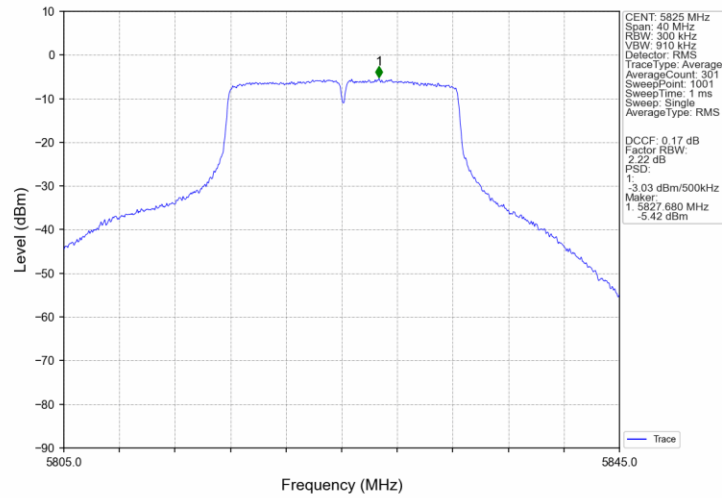
802.11a_MCH_5785MHz_Ant4_NTNV



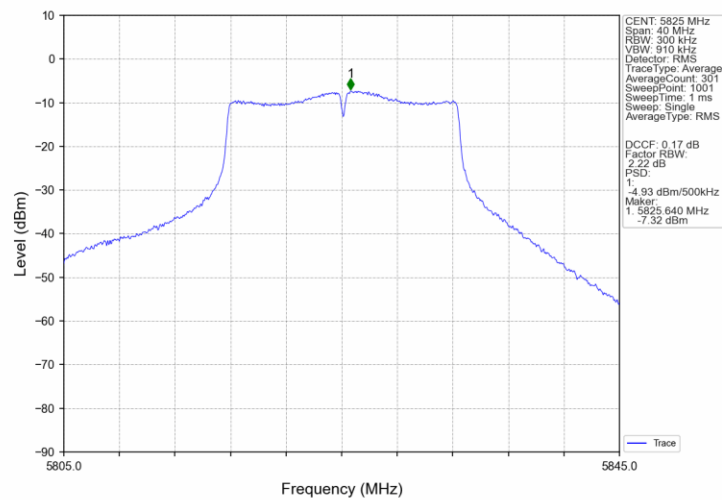
802.11a MCH 5785MHz MIMO NTN



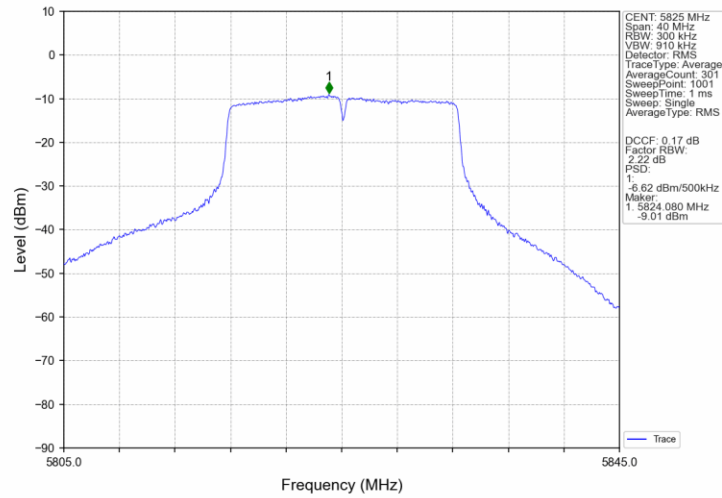
802.11a_HCH_5825MHz_Ant2_NTNV



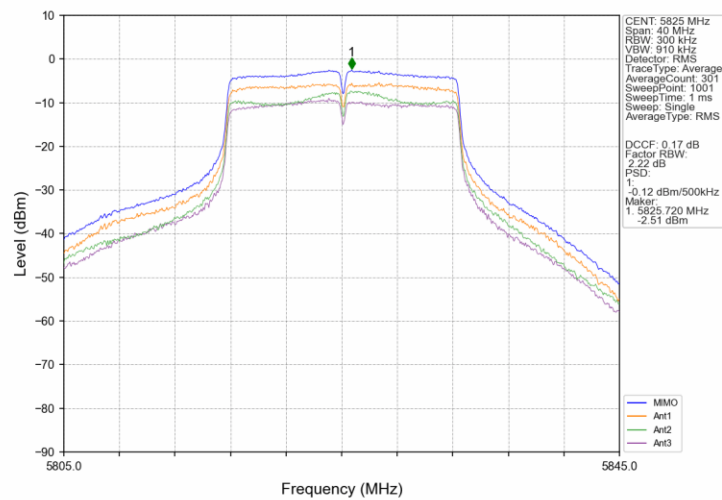
802.11a_HCH_5825MHz_Ant3_NTNV



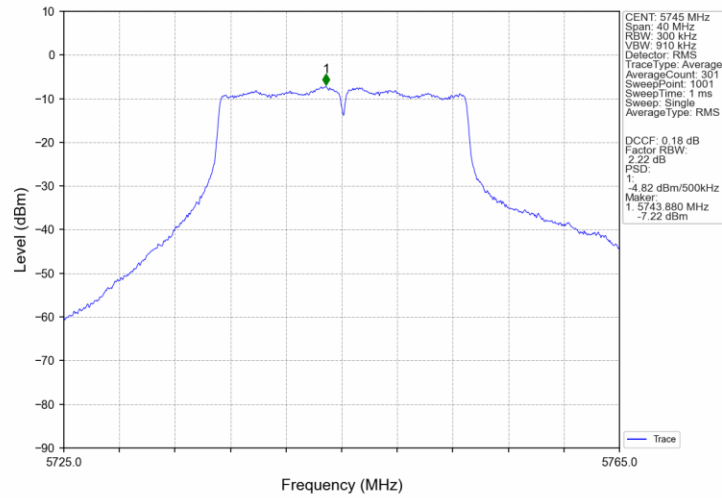
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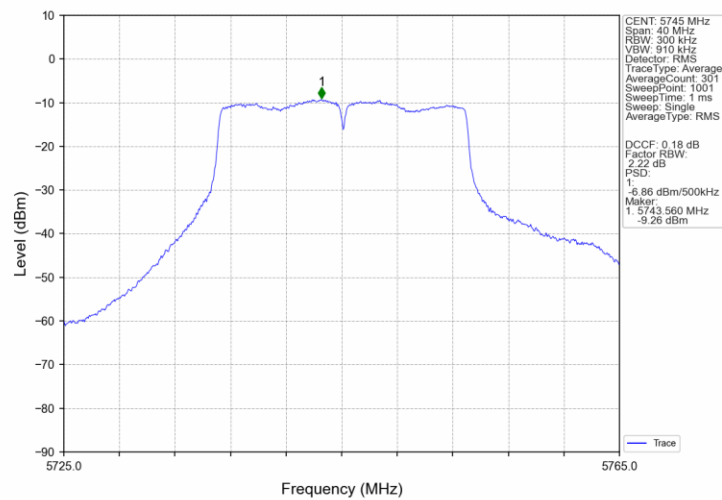
802.11a_HCH_5825MHz_MIMO_NTNV



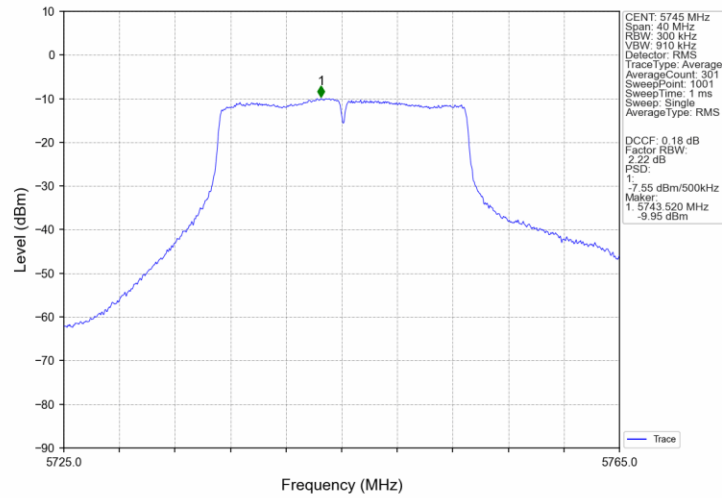
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



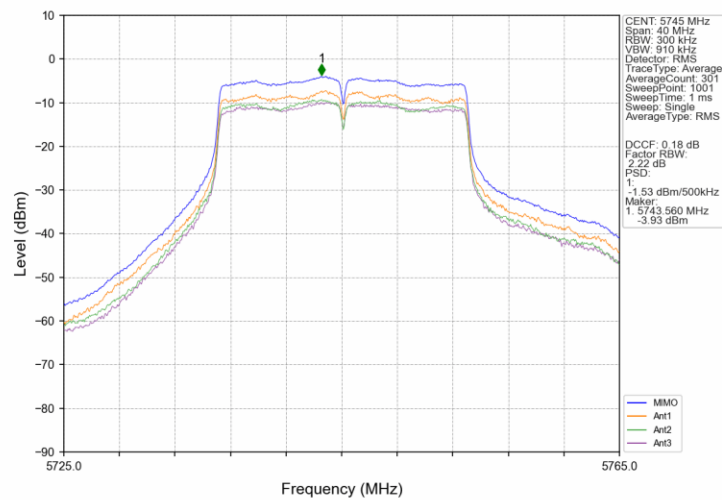
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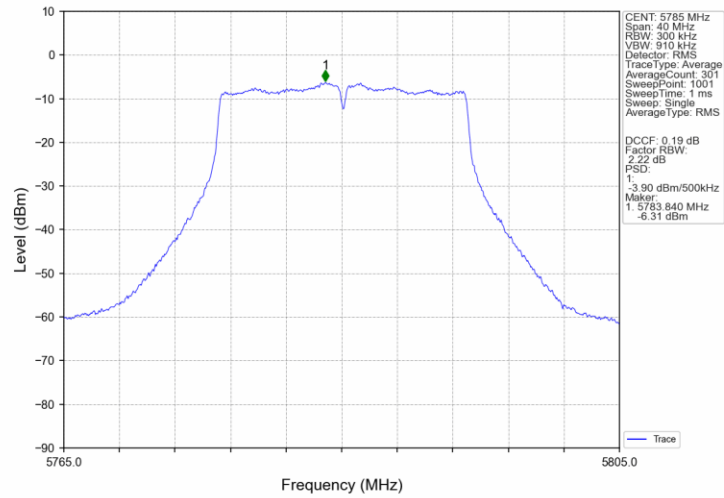
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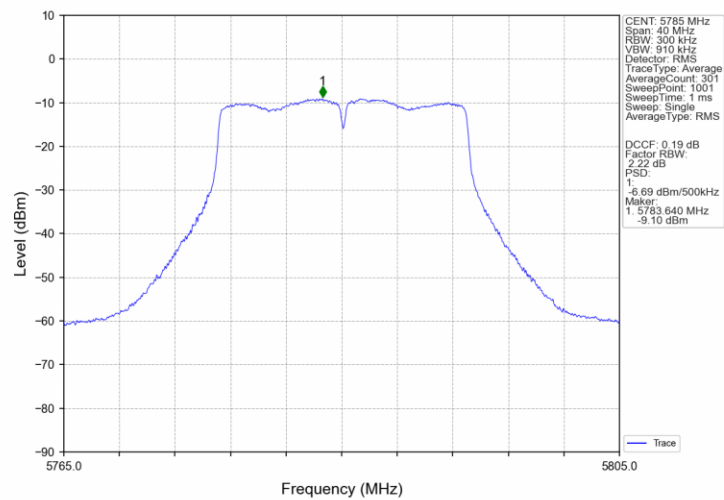
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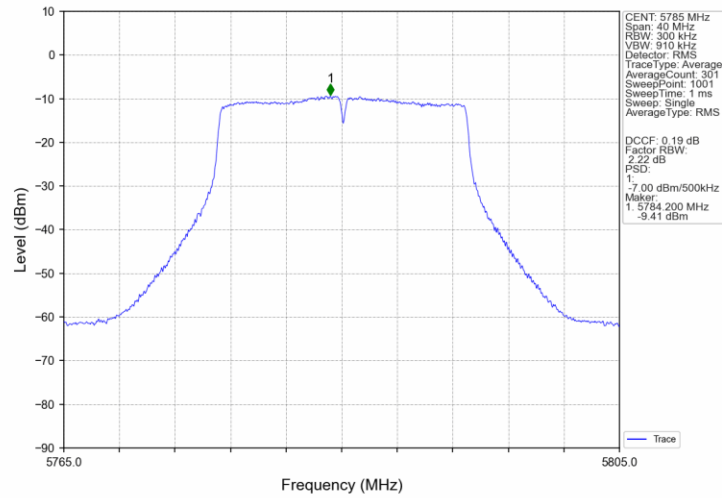
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



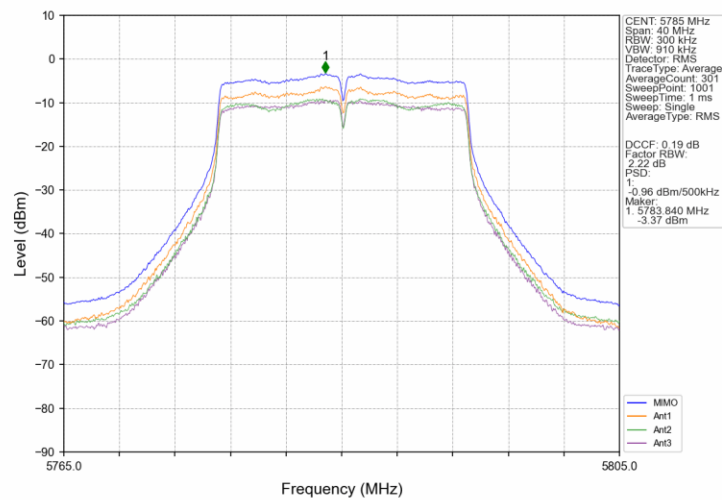
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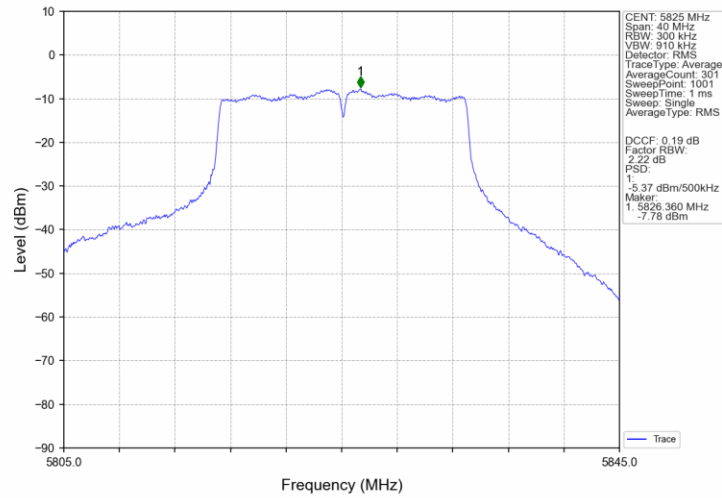
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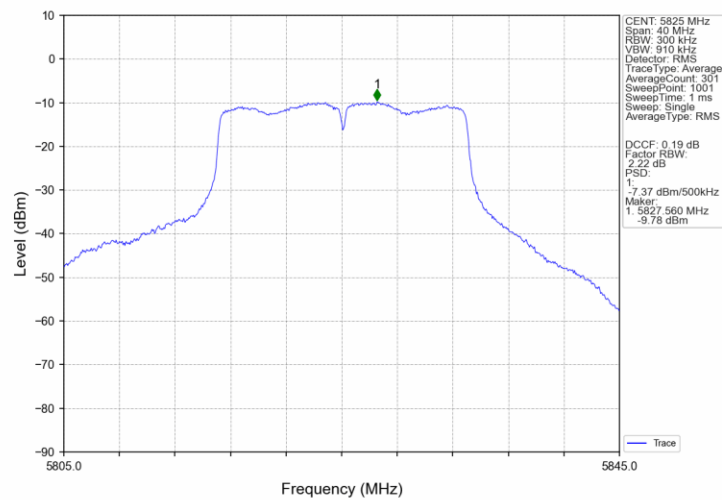
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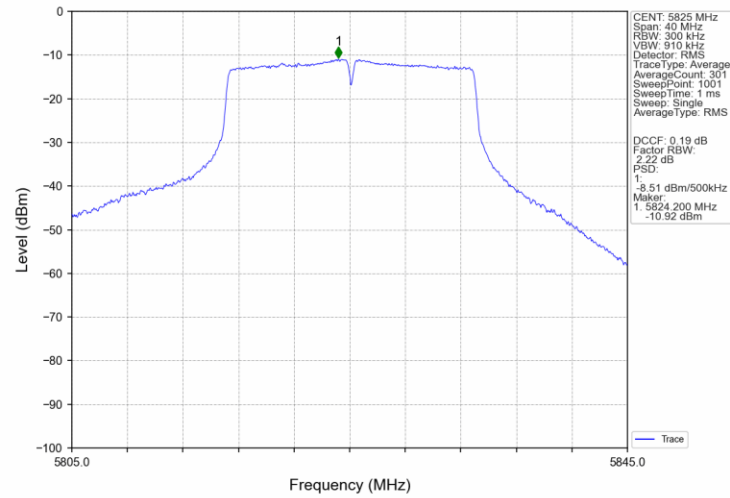
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



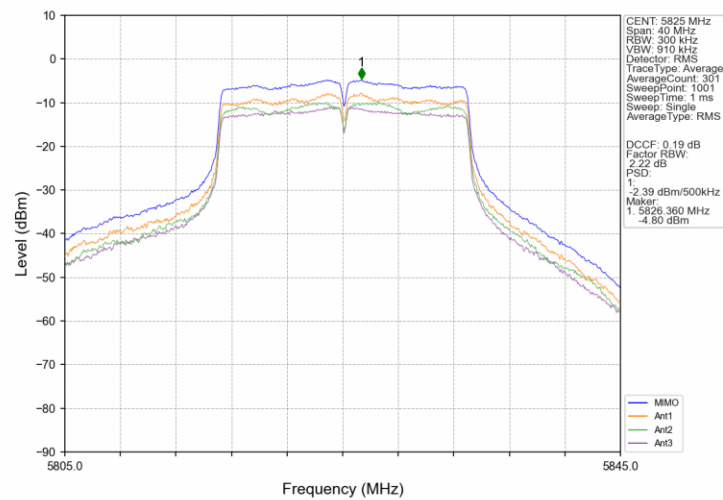
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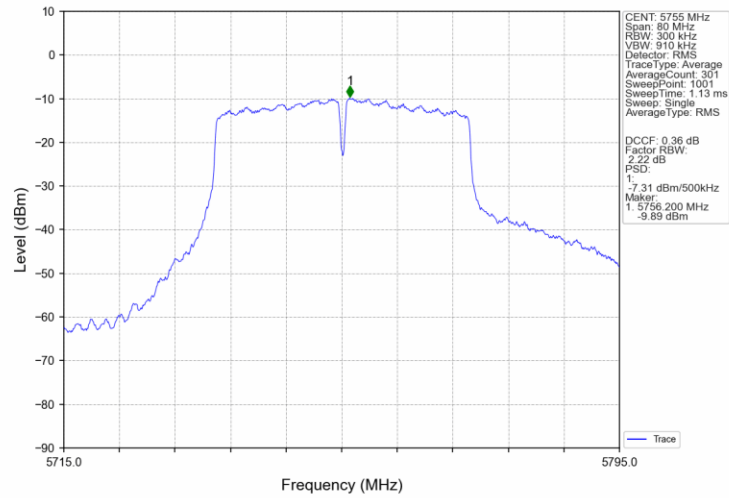
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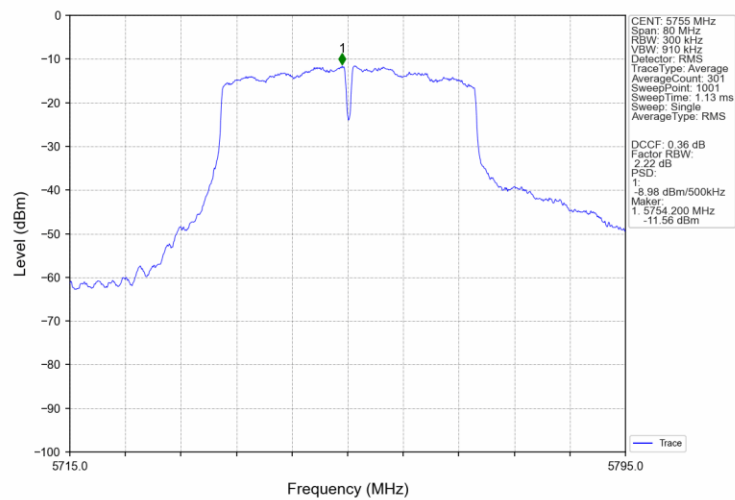
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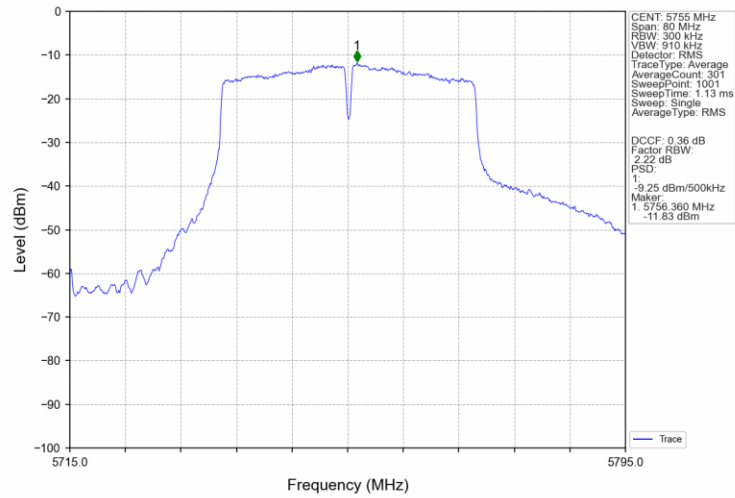
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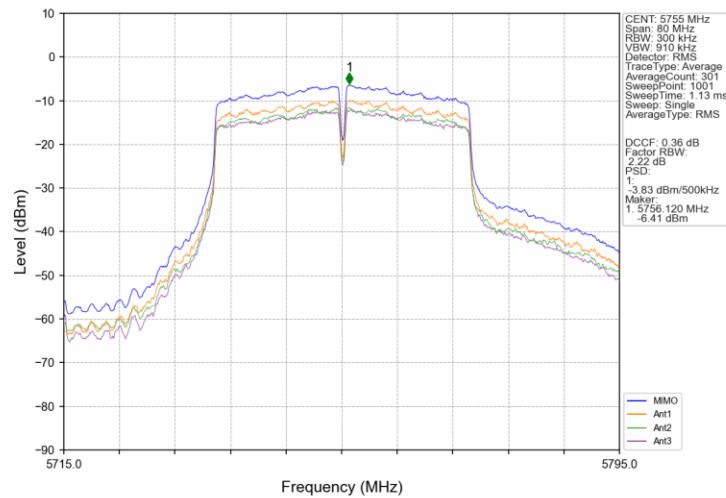
802.11n(HT40)_LCH_5755MHz_Ant3_NTNV



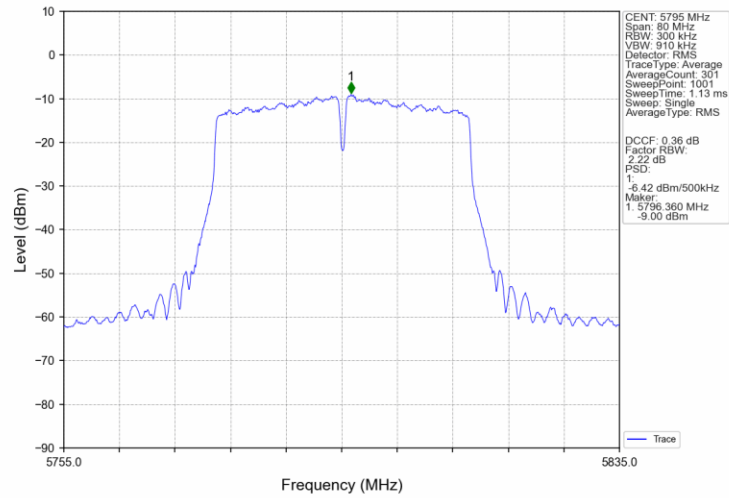
802.11n(HT40)_LCH_5755MHz_Ant4_NTNV



802.11n(HT40)_LCH_5755MHz_MIMO_NTNV



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



802.11n(HT40)_HCH_5795MHz_Ant3_NTNV

