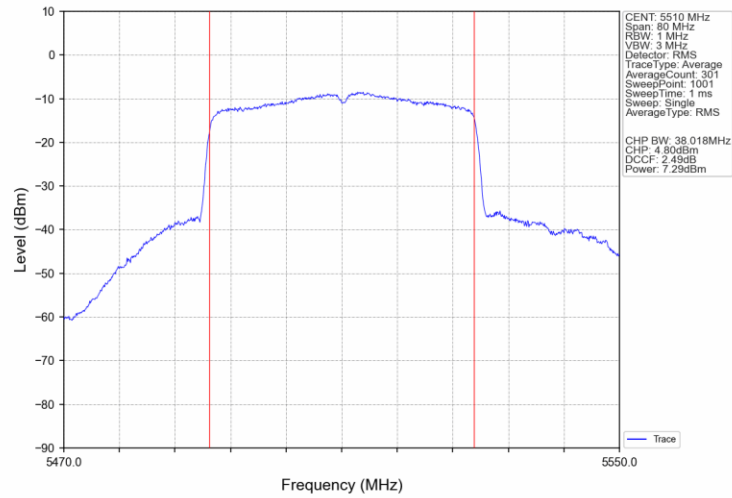
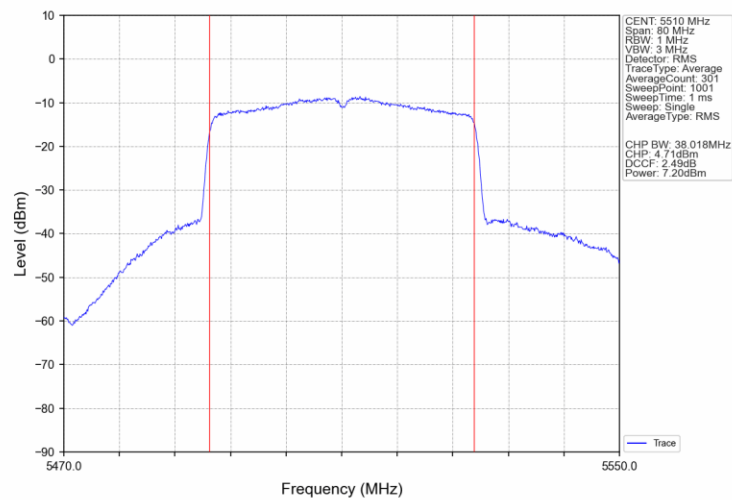


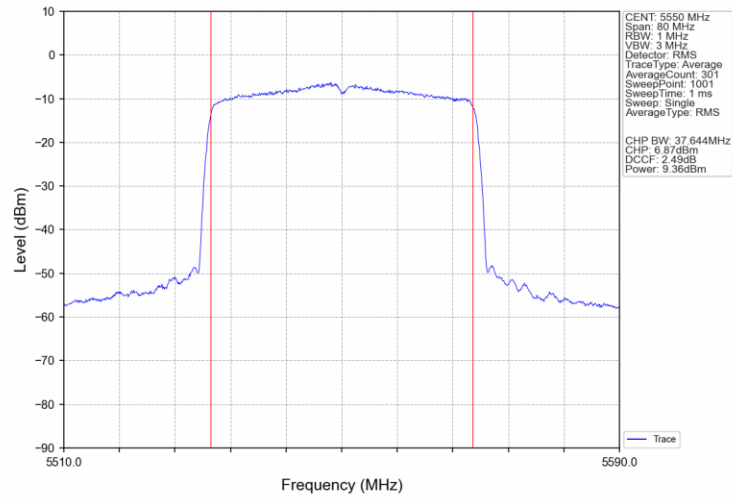
802.11ax(HEW40)_LCH_5510MHz_SU_ / _Ant3_NTNV



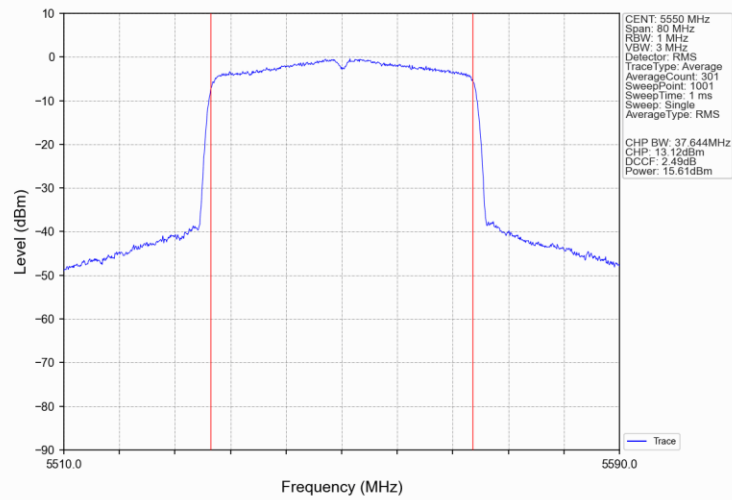
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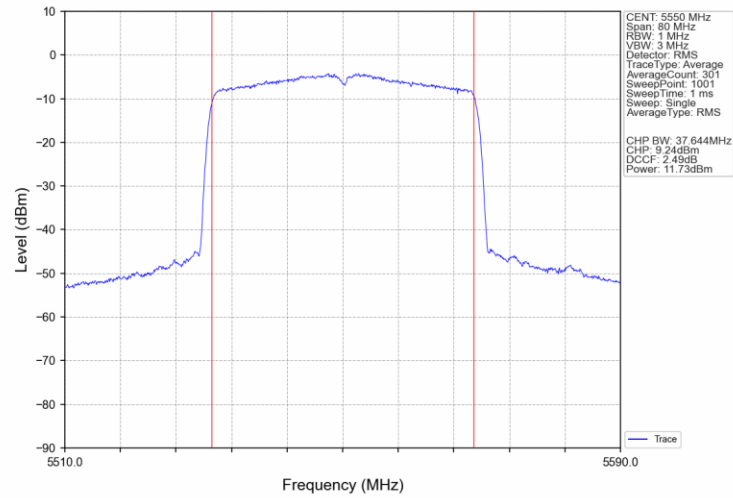
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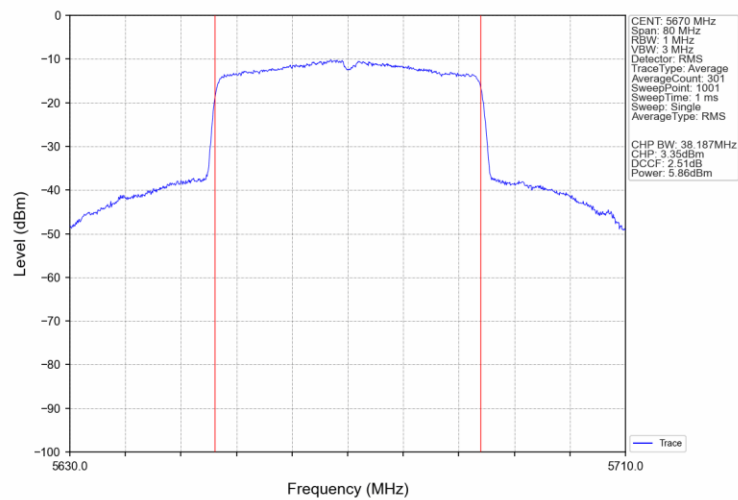
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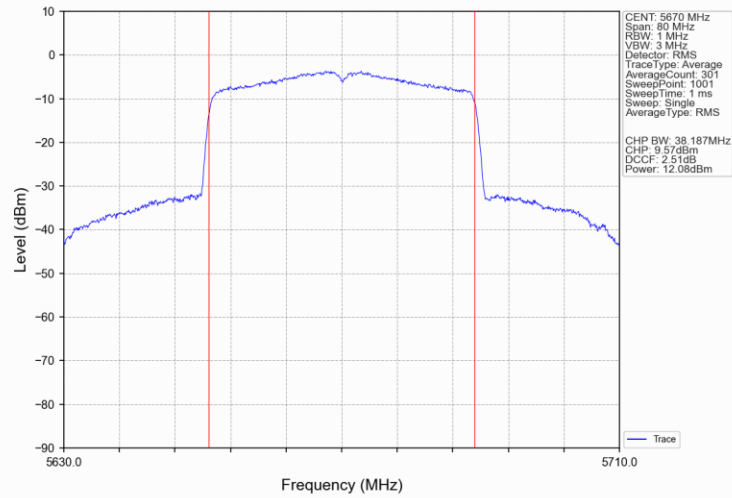
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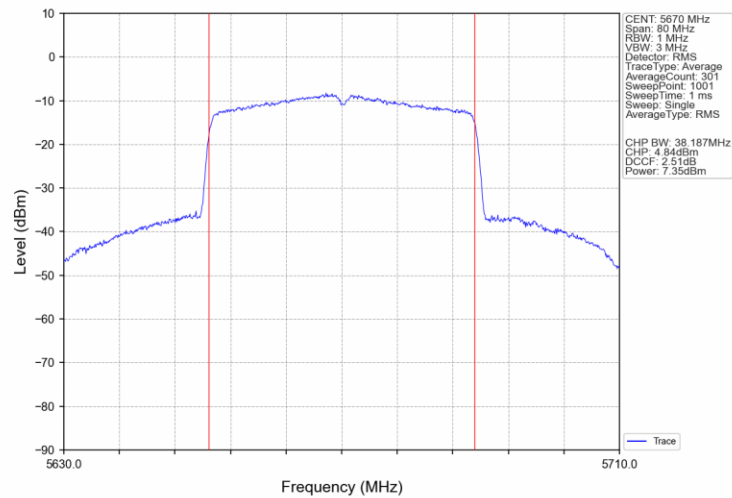
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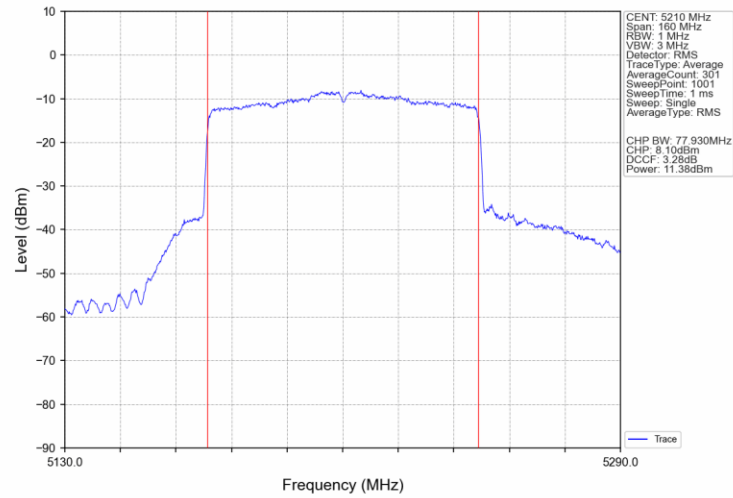
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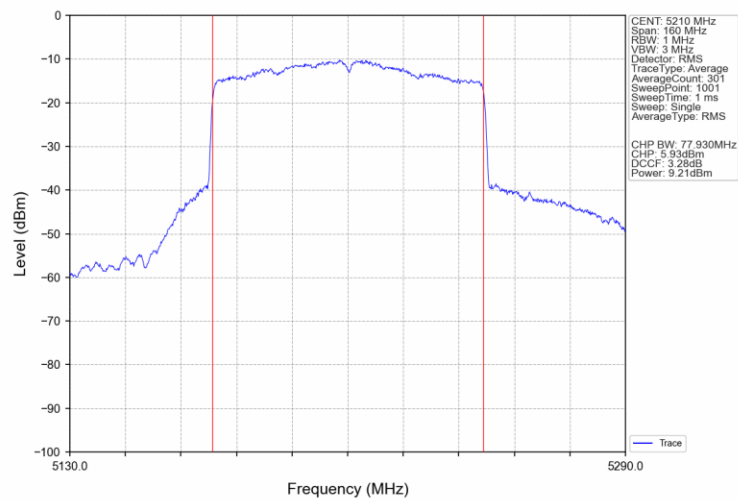
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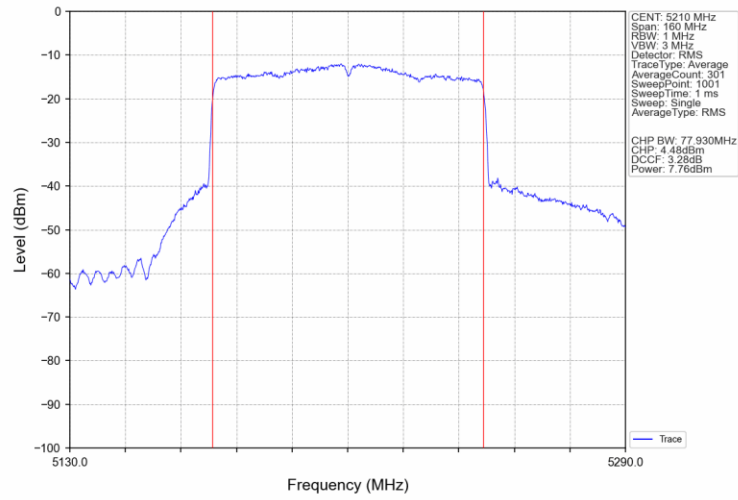
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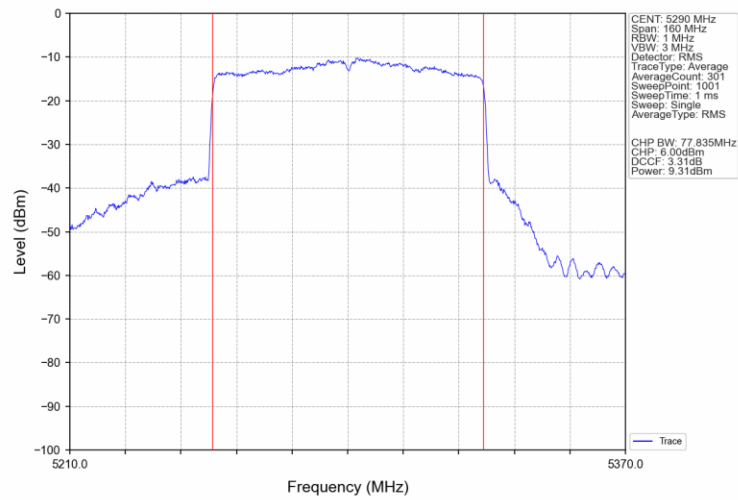
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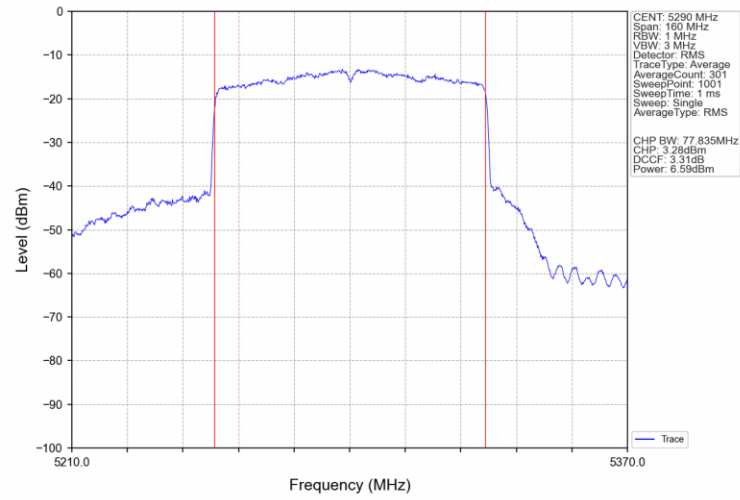
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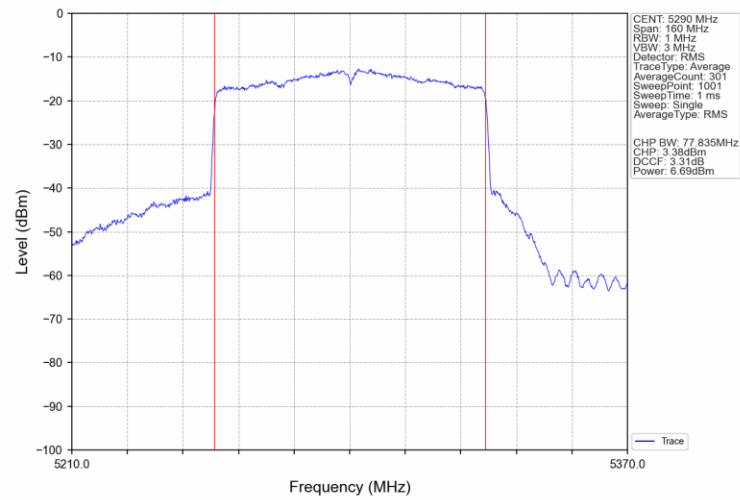
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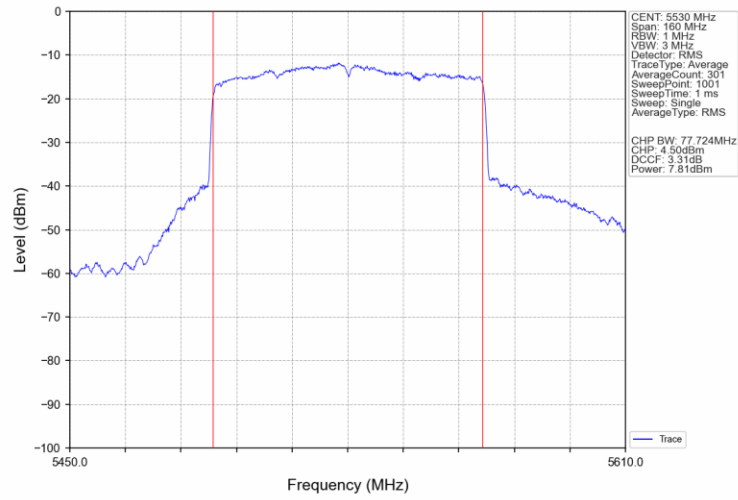
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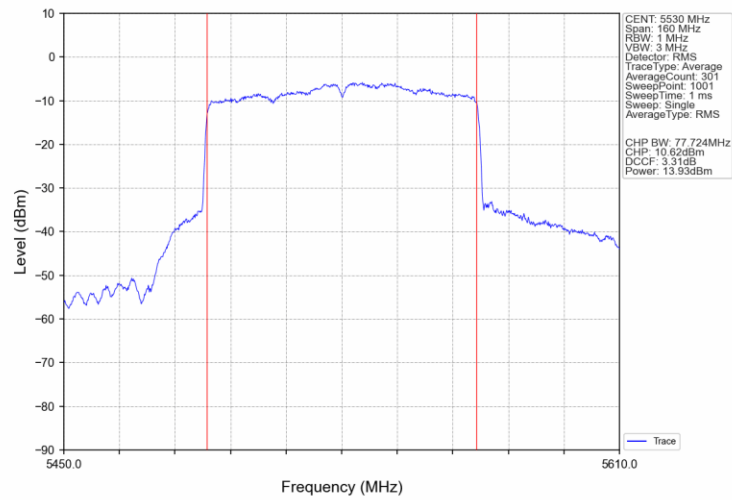
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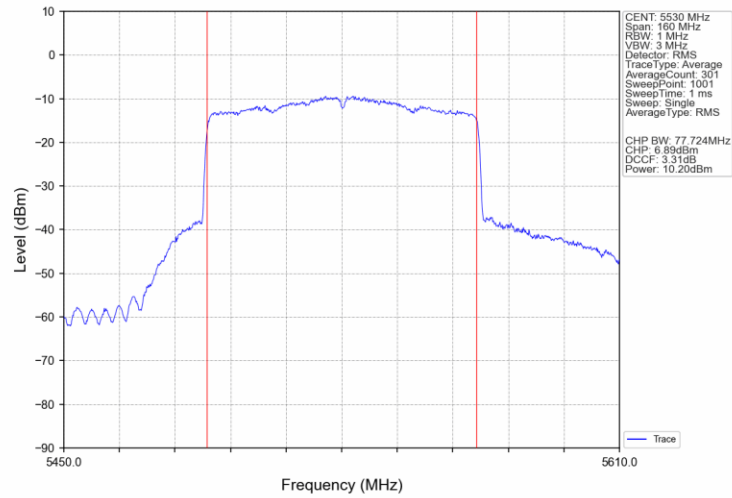
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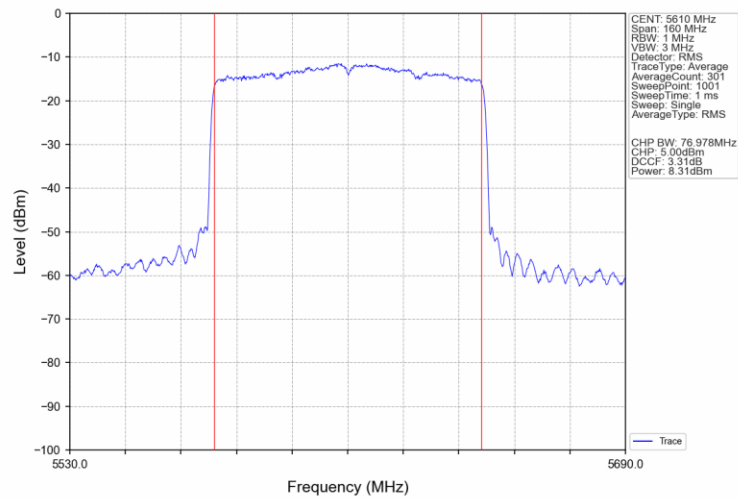
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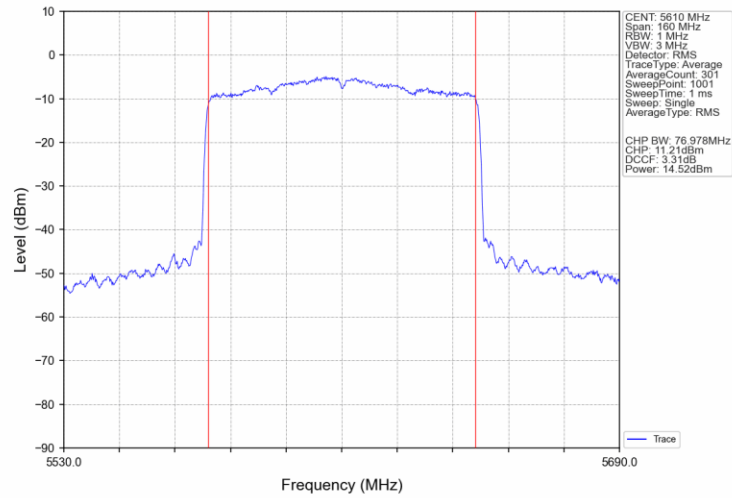
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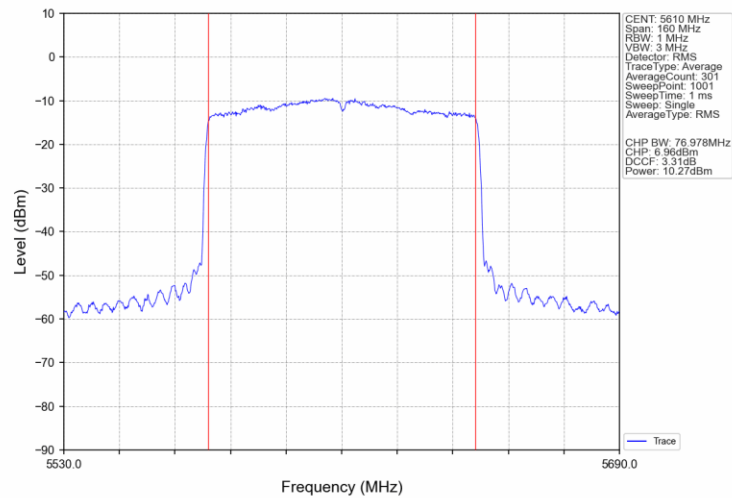
802.11ax(HEW80)_HCH_5610MHz_SU_/_Ant2_NTNV



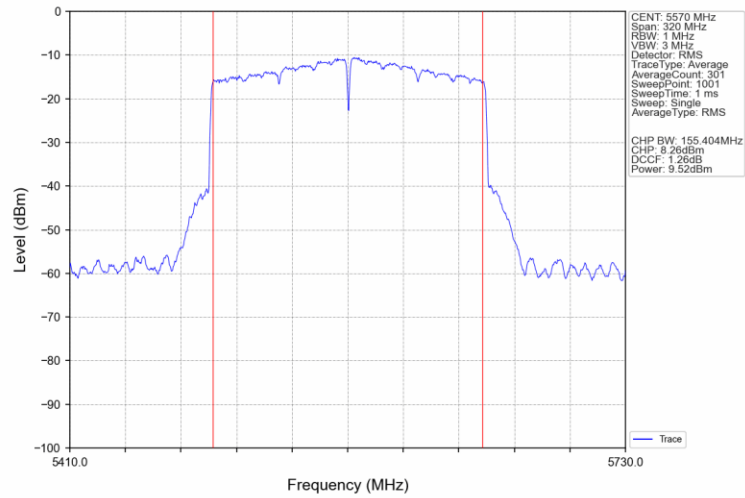
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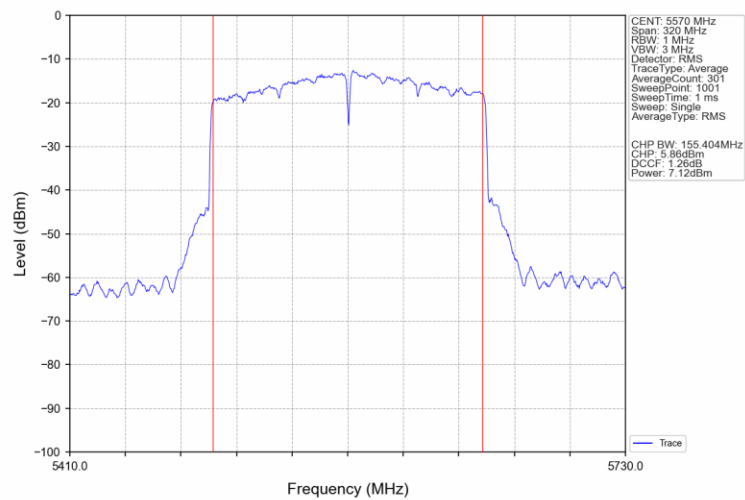
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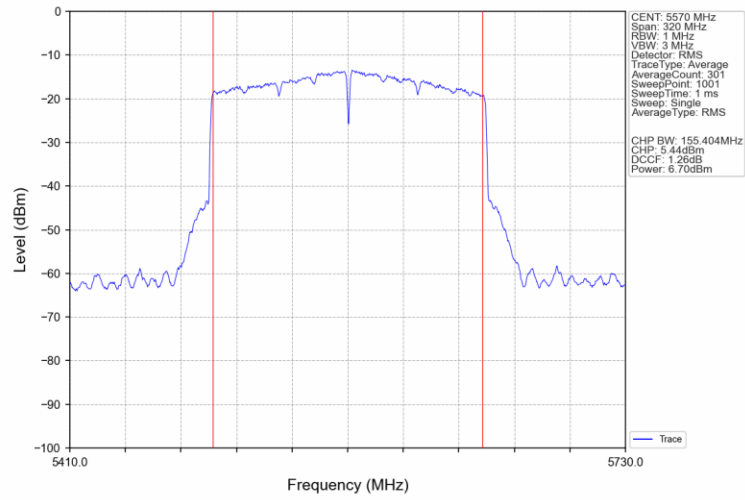
802.11ax(HEW160)_MCH_5570MHz_SU_/_Ant2_NTNV



802.11ax(HEW160)_MCH_5570MHz_SU_/_Ant3_NTNV



802.11ax(HEW160)_MCH_5570MHz_SU_/_Ant4_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

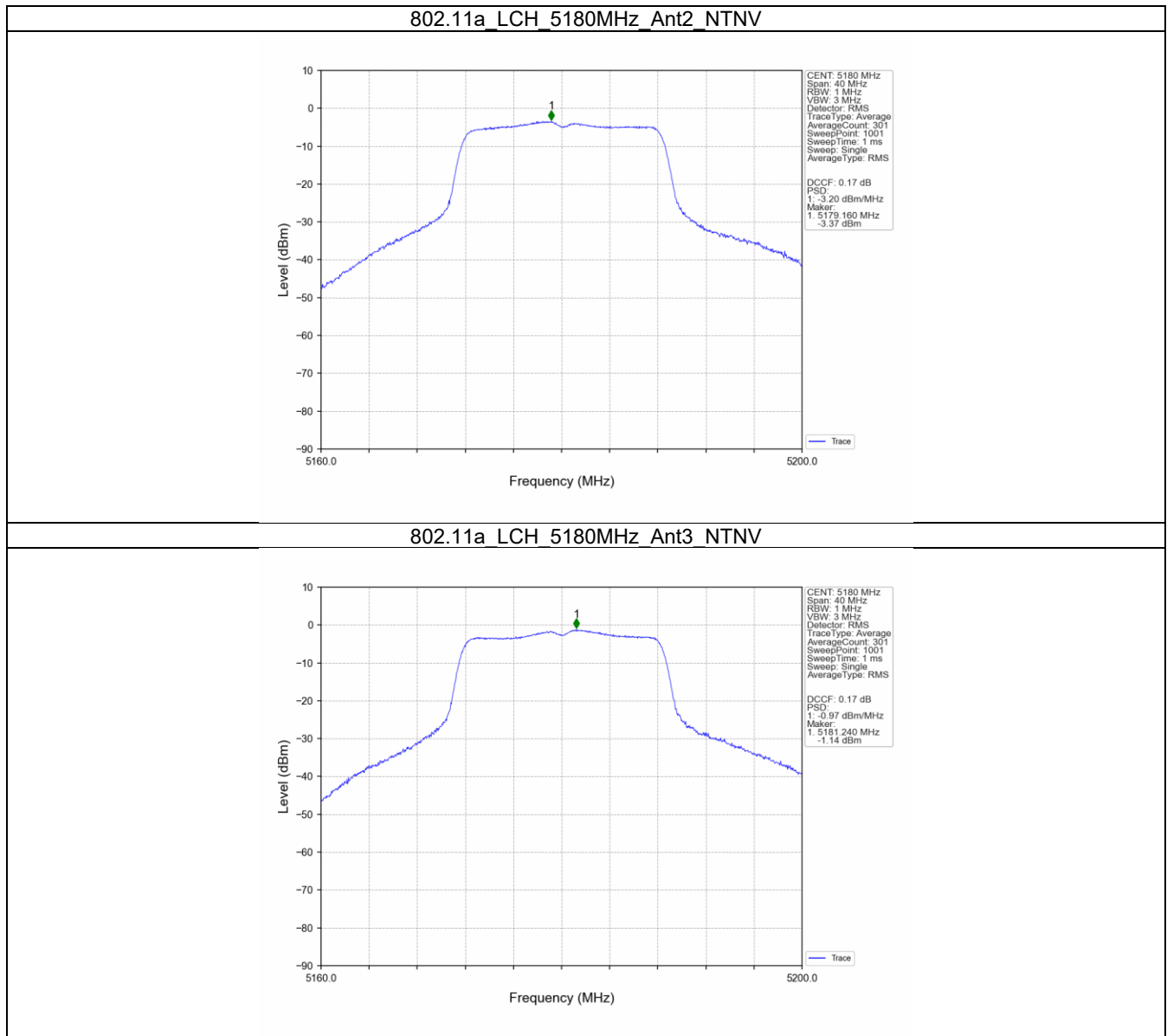
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)					Verdict
					ANT2	ANT3	ANT4	MIMO	Limit	
802.11a	MIMO	5180	/	/	-3.20	-0.97	-3.26	2.22	<=8.64	Pass
		5200	/	/	-2.06	-1.10	-3.97	2.32	<=8.64	Pass
		5240	/	/	-2.61	-1.53	-3.38	2.14	<=8.64	Pass
		5260	/	/	-3.34	-0.97	-2.51	2.38	<=8.64	Pass
		5300	/	/	-3.56	-1.42	-2.75	1.99	<=8.64	Pass
		5320	/	/	-3.43	-1.45	-2.76	2.09	<=8.64	Pass
		5500	/	/	-1.69	-2.07	-2.64	2.39	<=8.64	Pass
		5580	/	/	-0.23	-0.85	-2.64	3.53	<=8.64	Pass
802.11n (HT20)	MIMO	5700	/	/	0.20	-1.64	-3.33	3.21	<=8.64	Pass
		5180	/	/	-3.48	-1.37	-2.95	2.15	<=8.64	Pass
		5200	/	/	-3.62	-0.98	-3.63	2.10	<=8.64	Pass
		5240	/	/	-3.88	-1.17	-3.12	2.07	<=8.64	Pass
		5260	/	/	-3.51	-0.78	-2.10	2.65	<=8.64	Pass
		5300	/	/	-3.92	-1.23	-2.29	2.20	<=8.64	Pass
		5320	/	/	-3.68	-1.01	-2.51	2.39	<=8.64	Pass
		5500	/	/	-1.90	-1.70	-2.44	2.56	<=8.64	Pass
802.11n (HT40)	MIMO	5580	/	/	-0.37	-0.30	-2.30	3.70	<=8.64	Pass
		5700	/	/	-0.06	-0.70	-3.07	3.45	<=8.64	Pass
		5190	/	/	-5.91	-3.59	-5.64	-0.27	<=8.64	Pass
		5230	/	/	-6.12	-3.28	-5.56	-0.21	<=8.64	Pass
		5270	/	/	-6.09	-3.23	-4.28	0.27	<=8.64	Pass
		5310	/	/	-5.96	-3.19	-4.72	0.13	<=8.64	Pass
		5510	/	/	-3.64	-3.64	-4.61	0.61	<=8.64	Pass
		5550	/	/	-2.92	-2.78	-4.52	1.24	<=8.64	Pass
802.11ac (VHT20)	MIMO	5670	/	/	-2.34	-3.14	-5.50	1.19	<=8.64	Pass
		5180	/	/	-5.52	-3.53	-5.06	0.04	<=8.64	Pass
		5200	/	/	-3.73	-1.29	-3.52	1.94	<=8.64	Pass
		5240	/	/	-3.99	-1.59	-3.08	1.89	<=8.64	Pass
		5260	/	/	-3.74	-1.06	-2.11	2.44	<=8.64	Pass
		5300	/	/	-3.95	-1.33	-2.46	2.27	<=8.64	Pass
		5320	/	/	-3.79	-1.22	-2.53	2.30	<=8.64	Pass
		5500	/	/	-1.82	-2.01	-2.59	2.49	<=8.64	Pass
802.11ac (VHT40)	MIMO	5580	/	/	-0.31	-0.51	-2.66	3.70	<=8.64	Pass
		5700	/	/	0.25	-1.03	-3.43	3.49	<=8.64	Pass
		5190	/	/	-5.90	-3.79	-5.70	-0.33	<=8.64	Pass
		5230	/	/	-6.21	-3.47	-5.89	-0.28	<=8.64	Pass
		5270	/	/	-6.19	-3.69	-4.72	-0.07	<=8.64	Pass
		5310	/	/	-6.11	-3.35	-4.78	-0.02	<=8.64	Pass
		5510	/	/	-3.75	-4.28	-4.68	0.54	<=8.64	Pass
		5550	/	/	-3.28	-5.55	-6.46	-0.21	<=8.64	Pass
802.11ac (VHT80)	MIMO	5670	/	/	-4.75	-5.98	-7.25	-1.12	<=8.64	Pass
		5210	/	/	-9.62	-7.45	-9.47	-4.06	<=8.64	Pass
		5290	/	/	-10.17	-7.42	-8.49	-3.79	<=8.64	Pass
		5530	/	/	-9.21	-9.65	-10.02	-4.96	<=8.64	Pass
802.11ac (VHT160)	MIMO	5610	/	/	-7.91	-8.78	-10.15	-4.13	<=8.64	Pass
		5570	/	/	-12.68	-13.78	-14.61	-9.03	<=8.64	Pass

802.11ax (HEW20)	MIMO	5180	SU	/	-6.18	-3.88	-4.74	-0.24	<=8.64	Pass
		5200	SU	/	-5.48	-2.68	-4.38	0.61	<=8.64	Pass
		5240	SU	/	-5.28	-2.49	-3.69	0.89	<=8.64	Pass
		5260	SU	/	5.70	1.65	1.29	7.88	<=8.64	Pass
		5300	SU	/	1.60	-1.97	-2.32	4.10	<=8.64	Pass
		5320	SU	/	-0.55	-3.70	-4.81	2.05	<=8.64	Pass
		5500	SU	/	-0.11	2.64	-0.54	5.47	<=8.64	Pass
		5580	SU	/	-0.25	4.07	-0.71	6.24	<=8.64	Pass
802.11ax (HEW40)	MIMO	5700	SU	/	-1.60	2.61	-2.71	4.66	<=8.64	Pass
		5190	SU	/	-5.87	-3.08	-4.79	0.19	<=8.64	Pass
		5230	SU	/	-5.70	-3.02	-4.51	0.33	<=8.64	Pass
		5270	SU	/	-2.71	-5.35	-6.02	0.10	<=8.64	Pass
		5310	SU	/	-3.46	-5.52	-6.68	-0.54	<=8.64	Pass
		5510	SU	/	-6.07	-6.30	-6.25	-1.74	<=8.64	Pass
		5550	SU	/	-3.88	2.64	-1.84	4.39	<=8.64	Pass
802.11ax (HEW80)	MIMO	5670	SU	/	-7.56	-1.55	-6.31	0.32	<=8.64	Pass
		5210	SU	/	-5.13	-6.74	-8.62	-2.03	<=8.64	Pass
		5290	SU	/	-7.02	-9.96	-9.54	-4.03	<=8.64	Pass
		5530	SU	/	-8.43	-2.12	-6.68	-0.34	<=8.64	Pass
802.11ax (HEW160)	MIMO	5610	SU	/	-7.53	-1.66	-6.10	0.20	<=8.64	Pass
		5570	SU	/	-11.19	-13.45	-14.32	-8.27	<=8.64	Pass

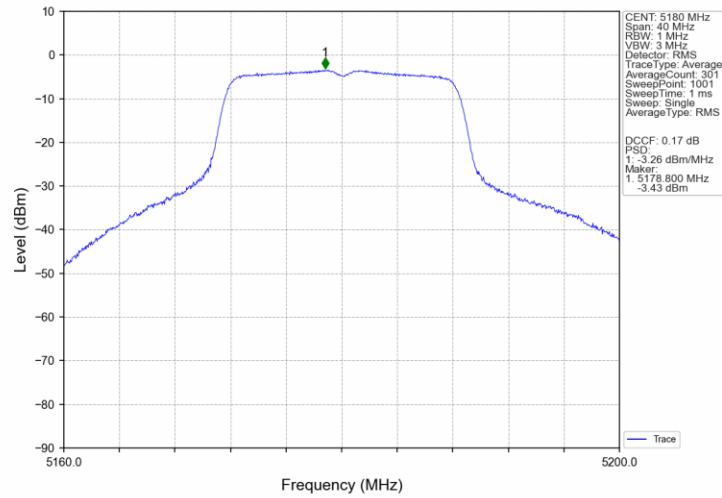
Note1: Antenna Gain: Ant2: 3.72dBi; Ant3: 3.67dBi; Ant4: 3.36dBi Directional gain : 8.36dBi
Note2: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})^2 / NANT]$, where G is the antenna gain in dBi, NANT it's the number of antennas.
Note3: PSD Limit (dBm) = 11 dBm - (8.36 dBi - 6 dBi) = 8.64dBm.

4.2 Test Graph

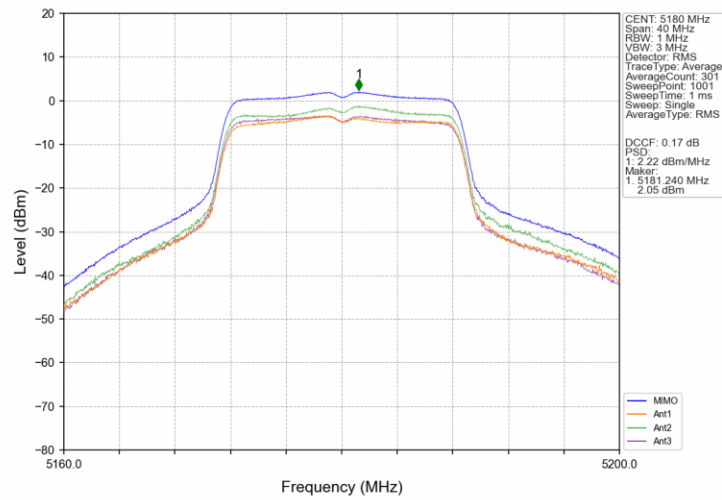
4.2.1 PSD



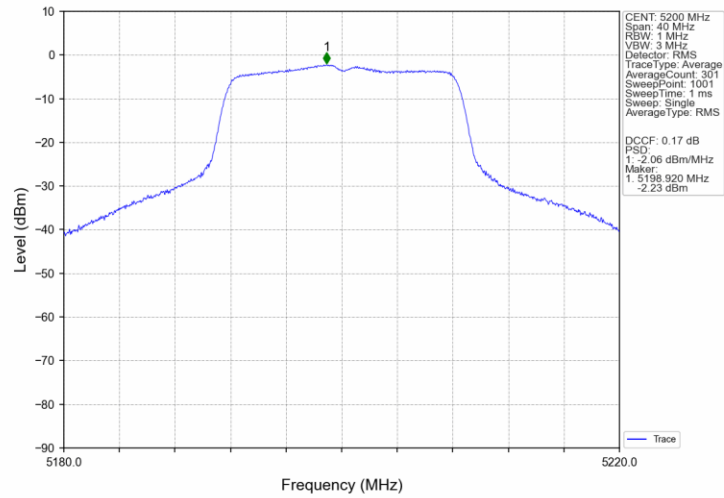
802.11a_LCH_5180MHz_Ant4_NTNV



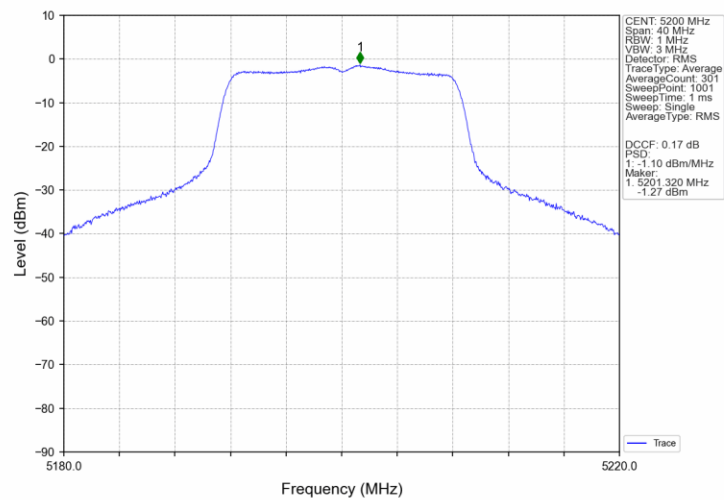
802.11a_LCH_5180MHz_MIMO_NTNV



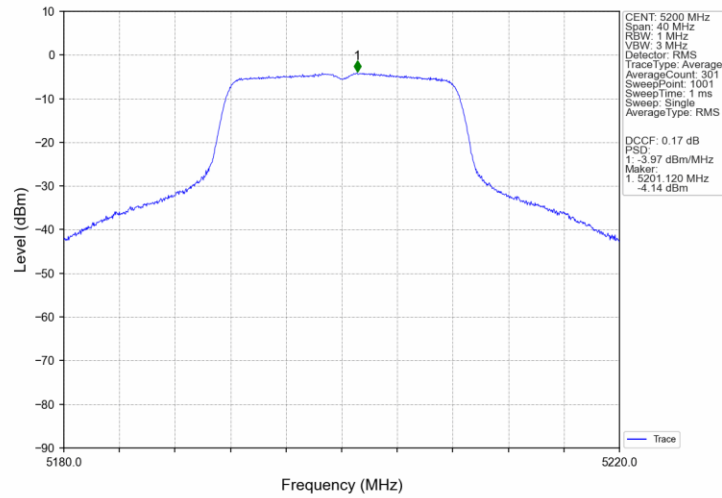
802.11a_MCH_5200MHz_Ant2_NTNV



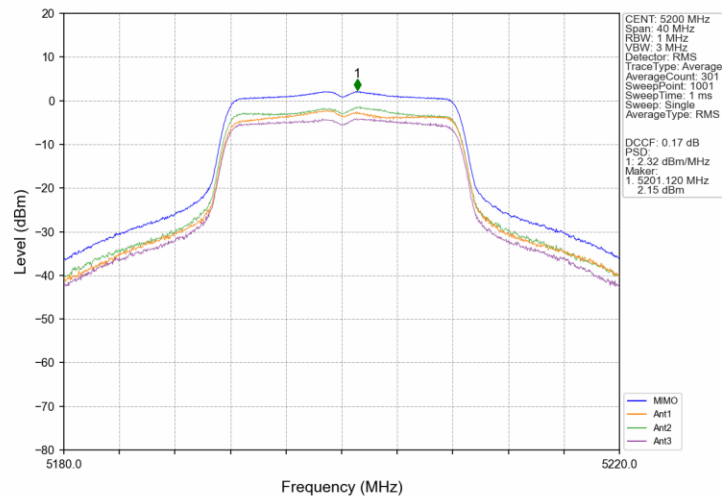
802.11a_MCH_5200MHz_Ant3_NTNV



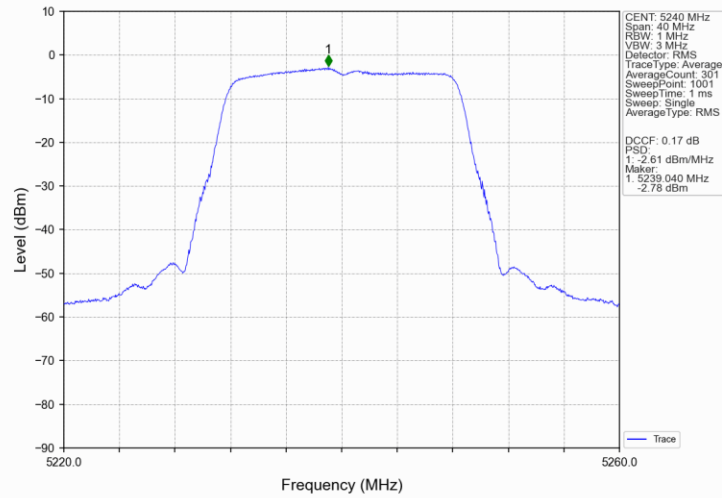
802.11a_MCH_5200MHz_Ant4_NTNV



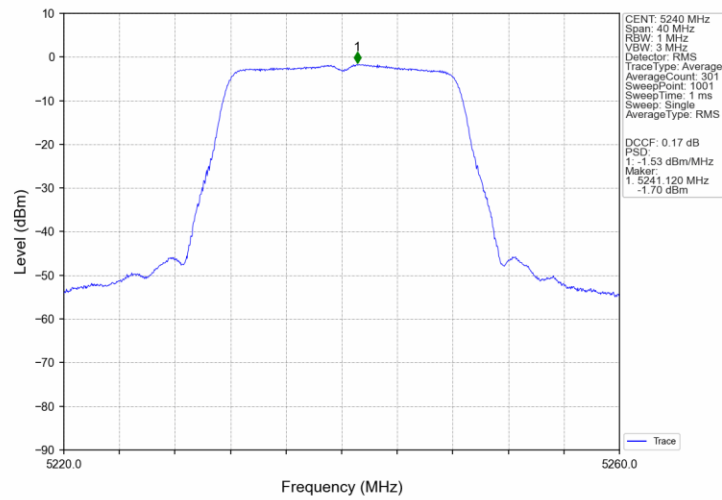
802.11a MCH 5200MHz MIMO NTN



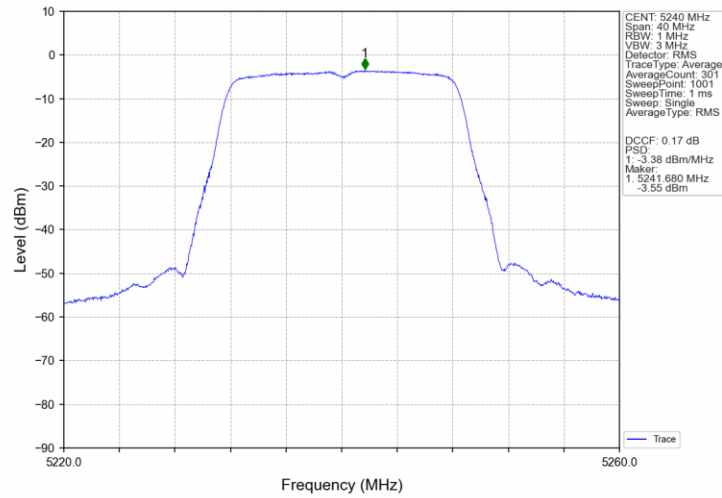
802.11a_HCH_5240MHz_Ant2_NTNV



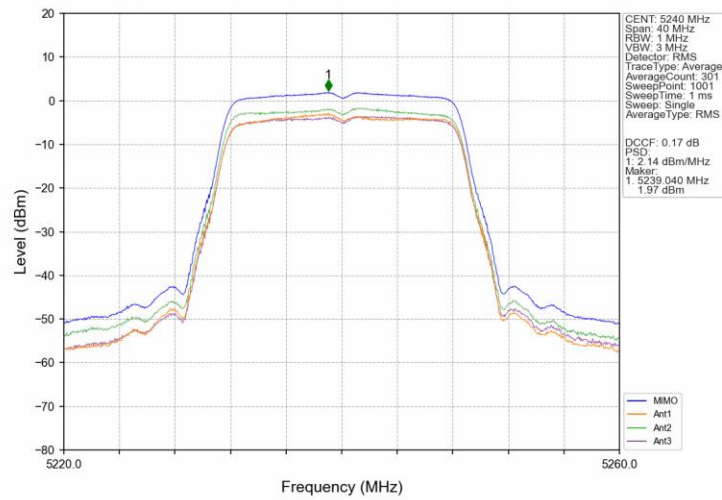
802.11a_HCH_5240MHz_Ant3_NTNV



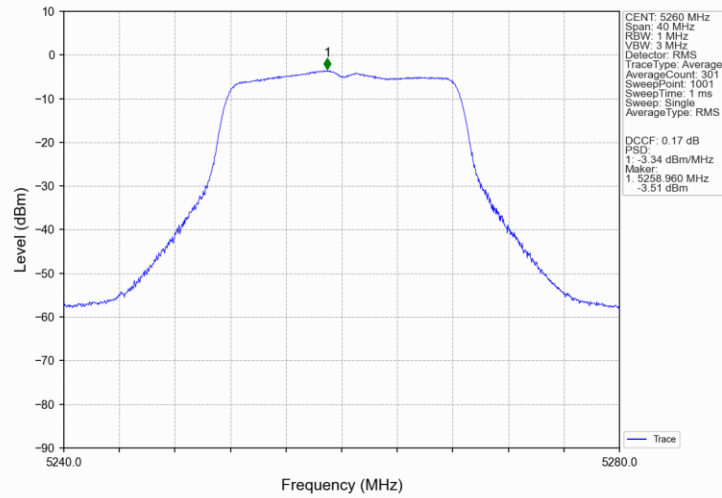
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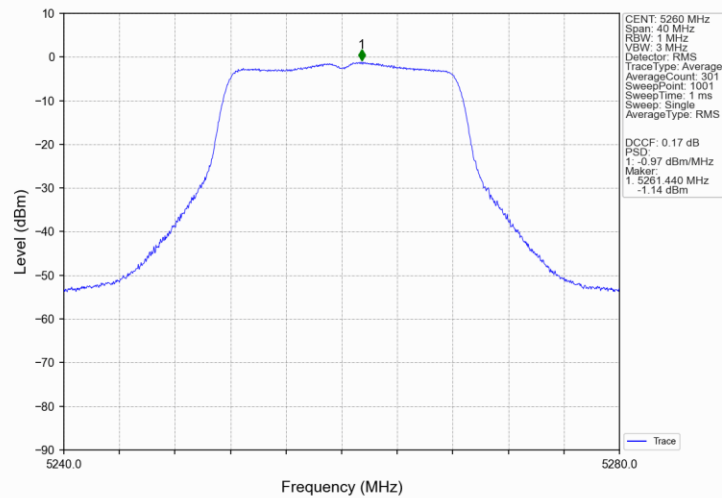
802.11a_HCH_5240MHz_MIMO_NTNV



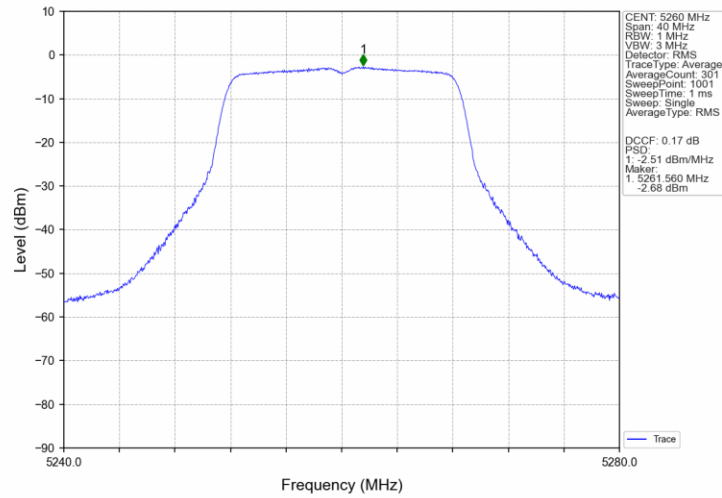
802.11a_LCH_5260MHz_Ant2_NTNV



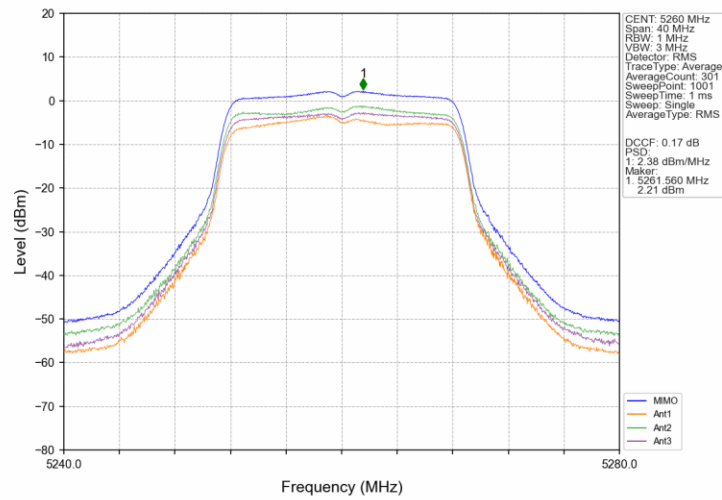
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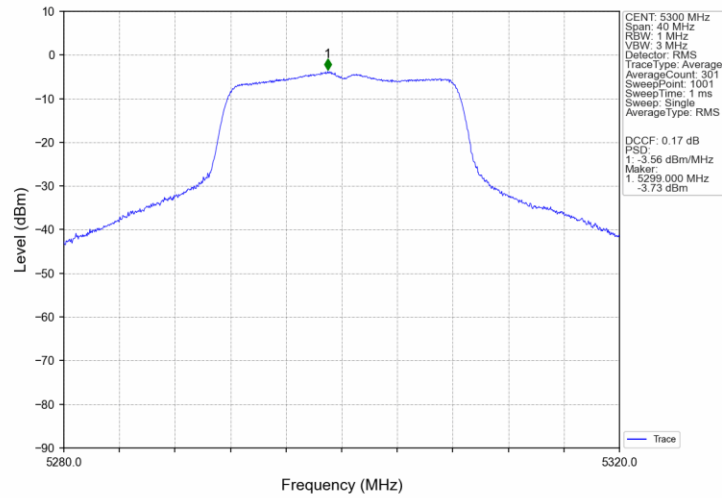
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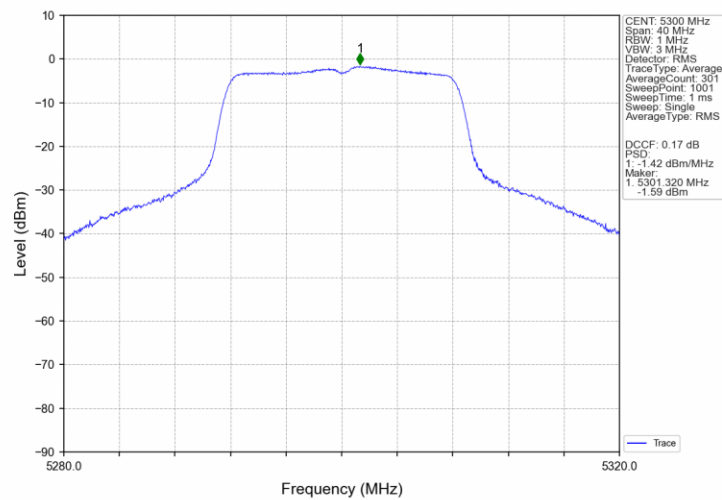
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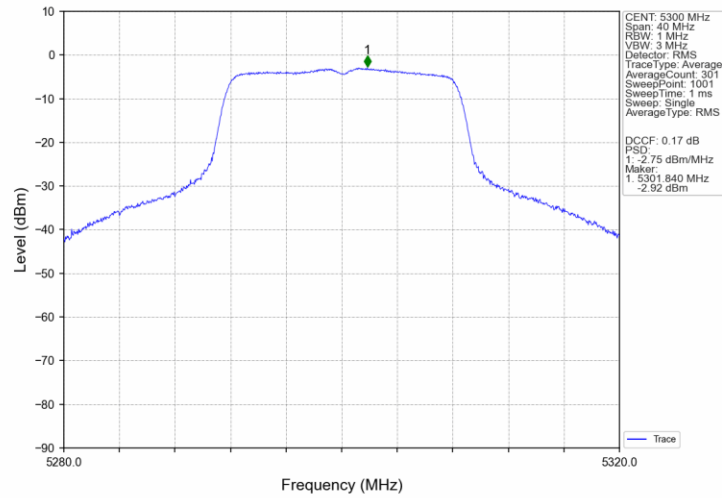
802.11a_MCH_5300MHz_Ant2_NTNV



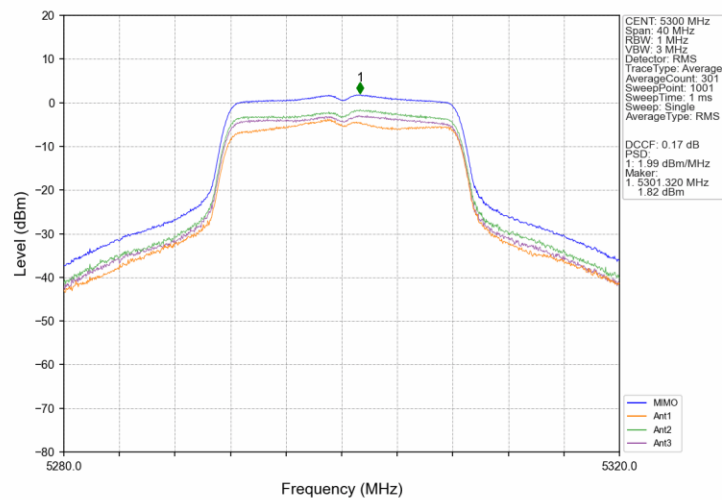
802.11a_MCH_5300MHz_Ant3_NTNV



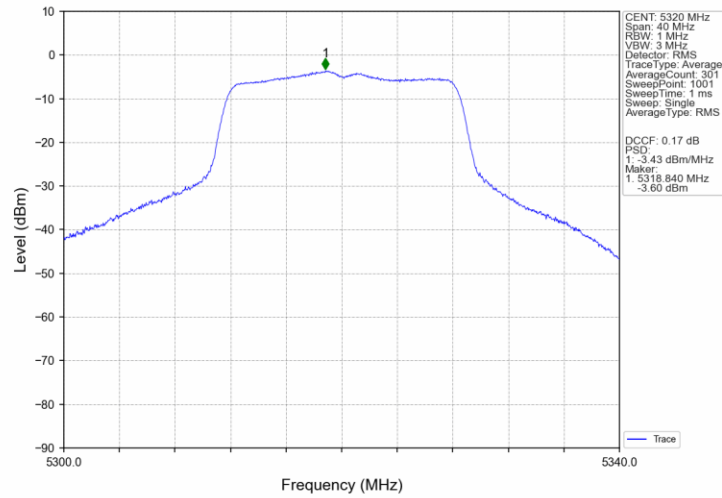
802.11a_MCH_5300MHz_Ant4_NTNV



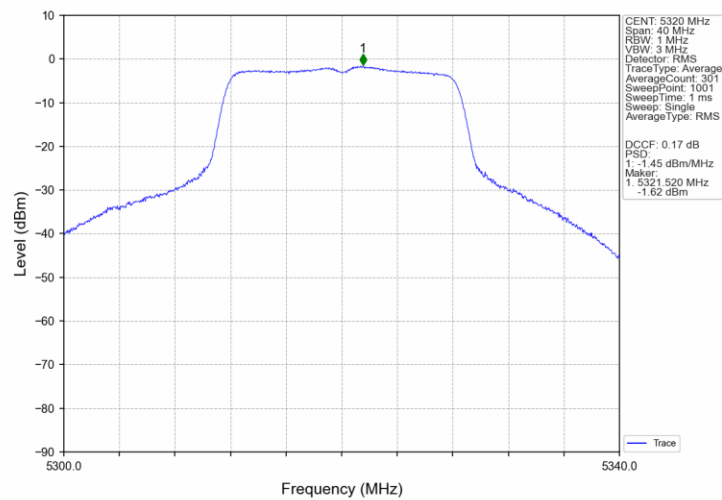
802.11a MCH 5300MHz MIMO NTN



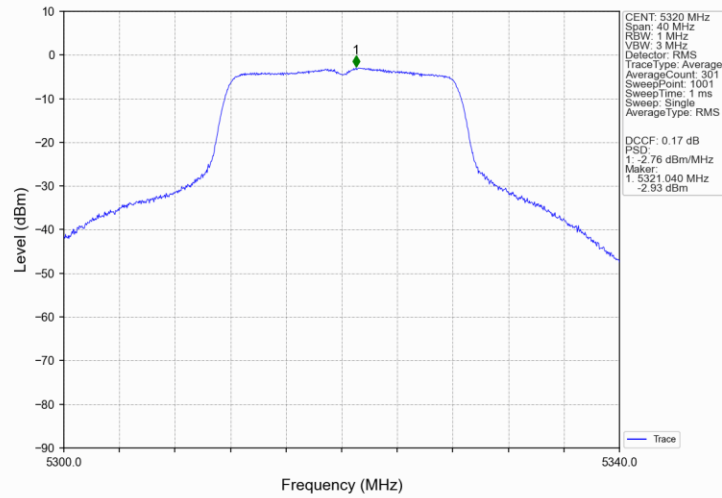
802.11a_HCH_5320MHz_Ant2_NTNV



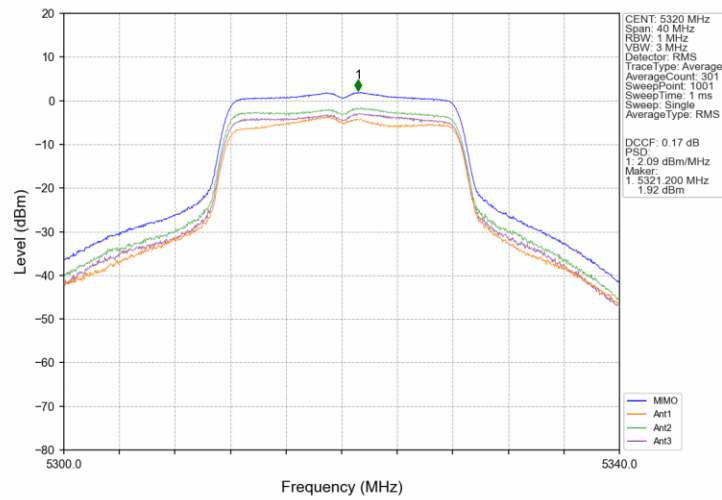
802.11a_HCH_5320MHz_Ant3_NTNV



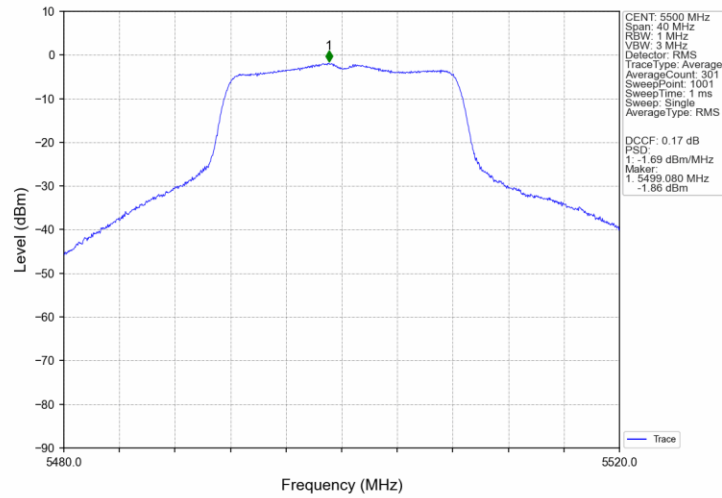
802.11a_HCH_5320MHz_Ant4_NTNV



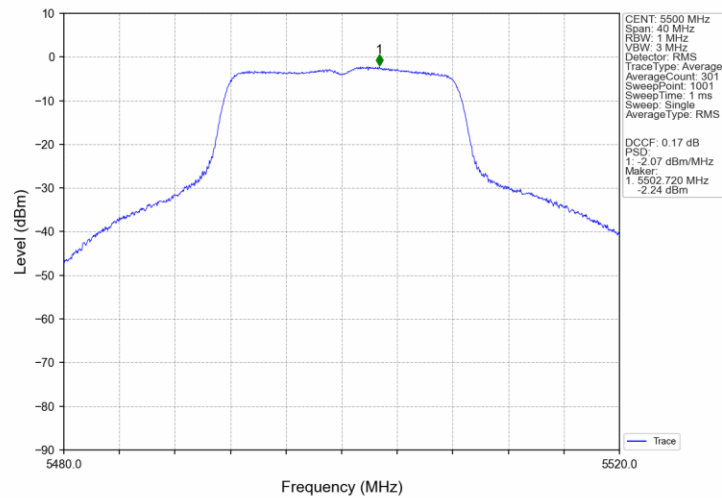
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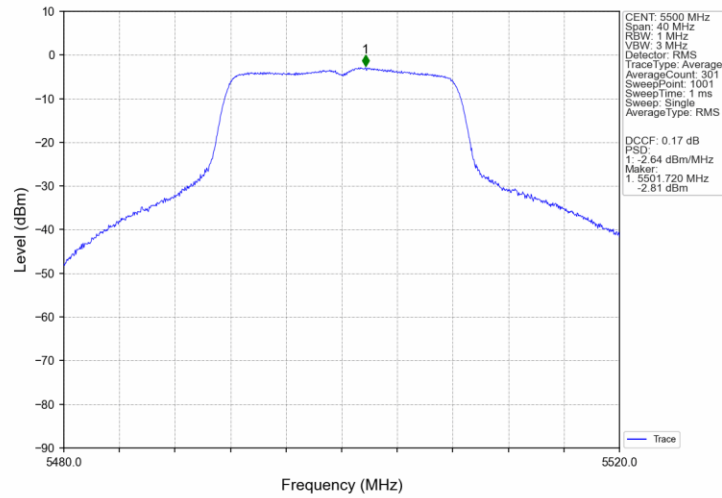
802.11a_LCH_5500MHz_Ant2_NTNV



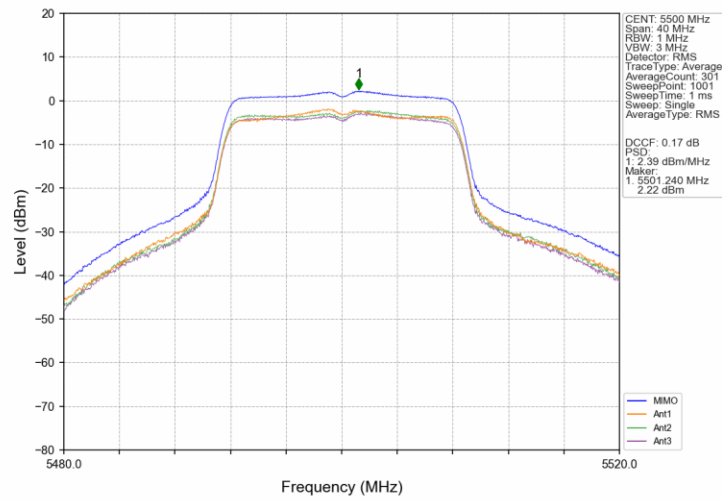
802.11a_LCH_5500MHz_Ant3_NTNV



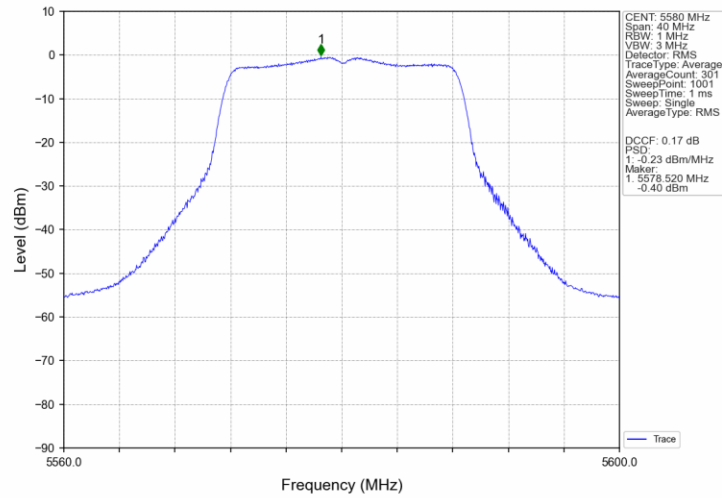
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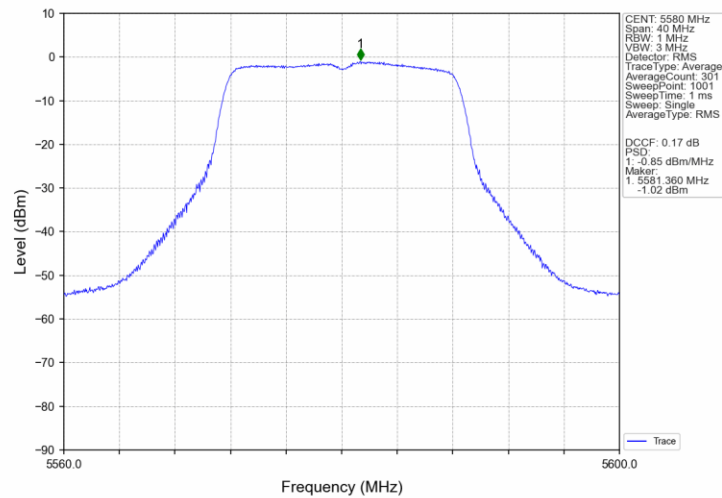
802.11a_LCH_5500MHz_MIMO_NTNV



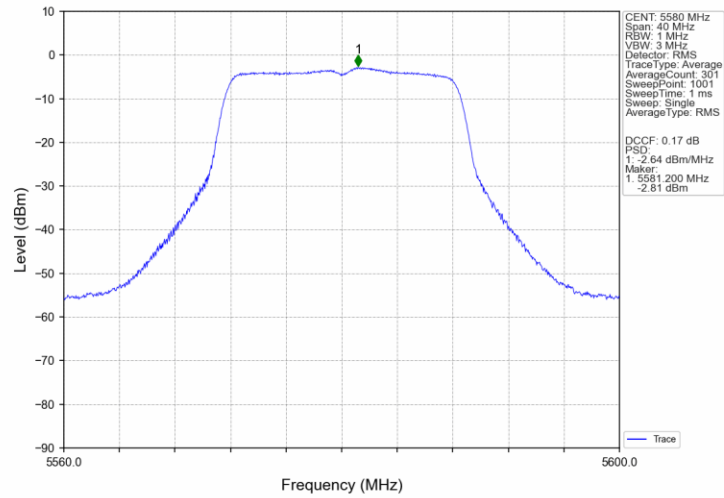
802.11a_MCH_5580MHz_Ant2_NTNV



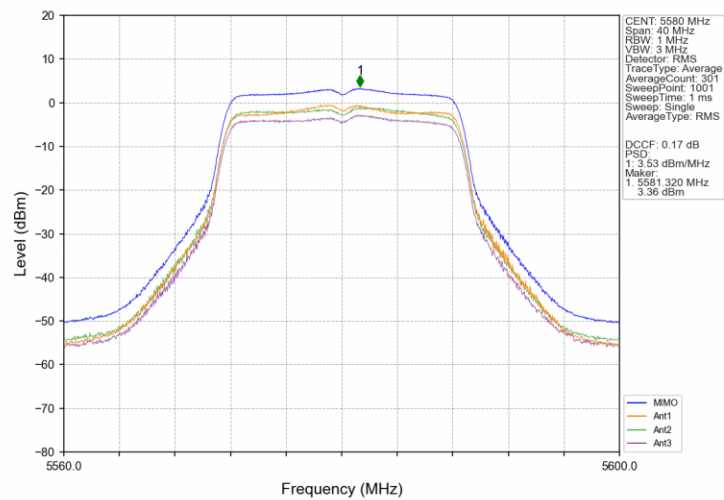
802.11a MCH 5580MHz Ant3 NTNv



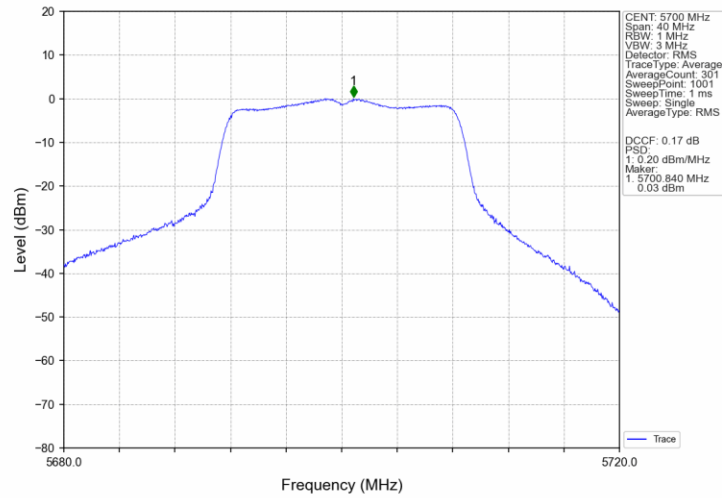
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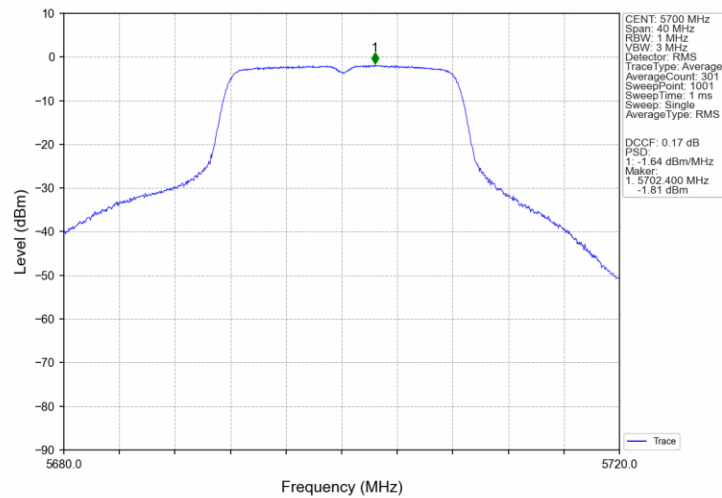
802.11a MCH 5580MHz MIMO NTN



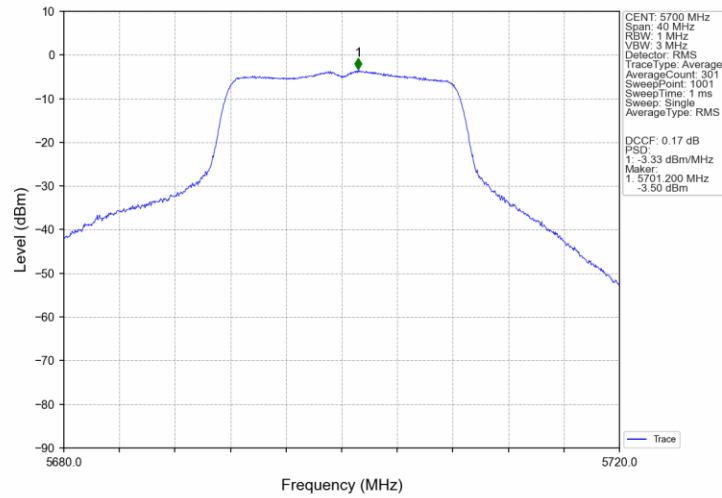
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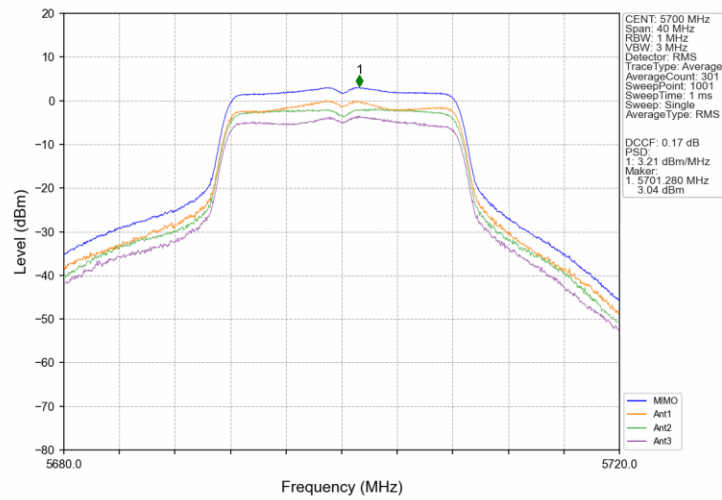
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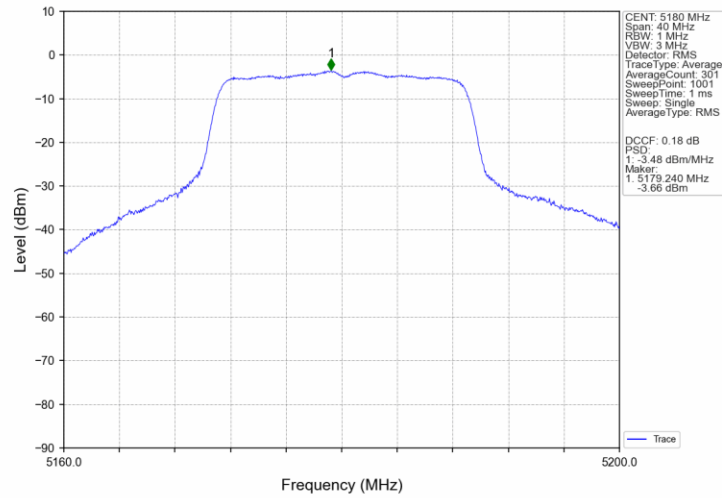
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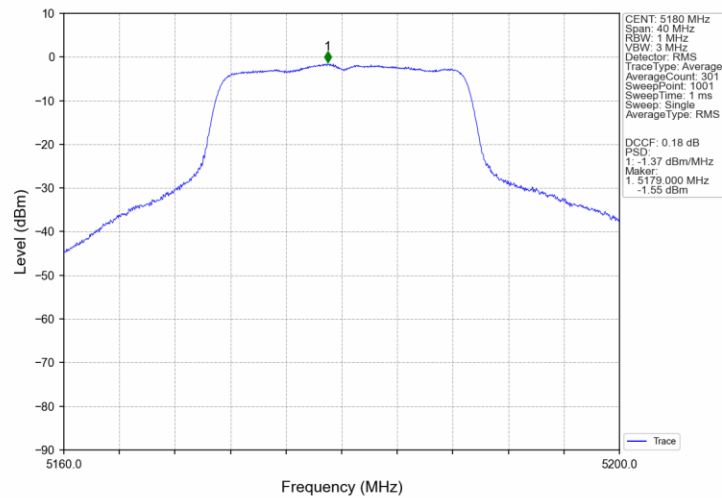
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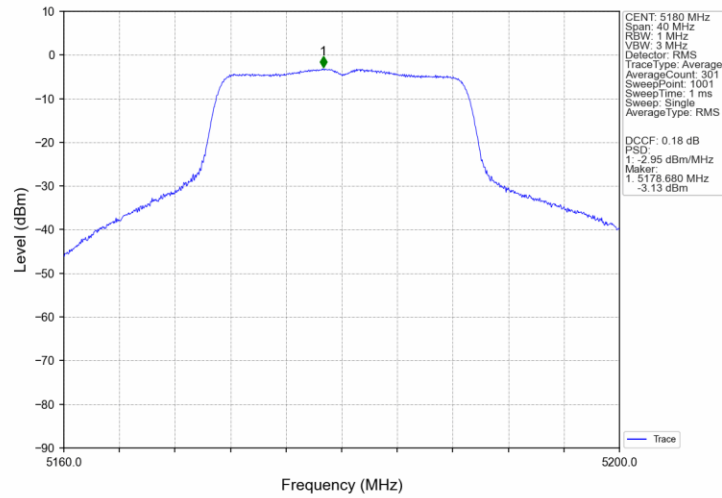
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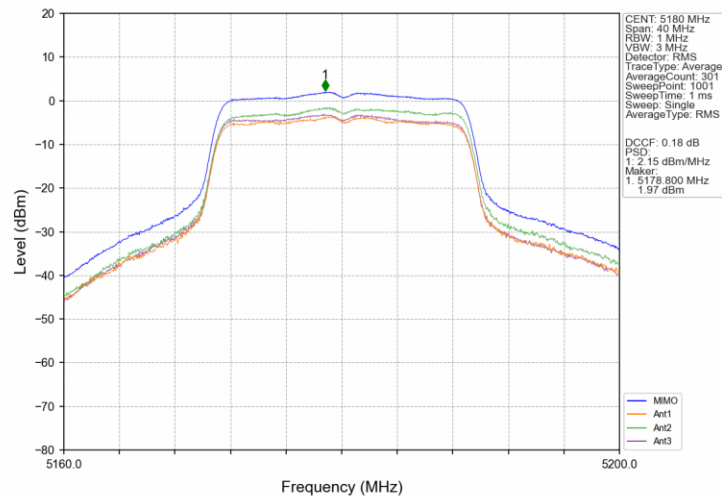
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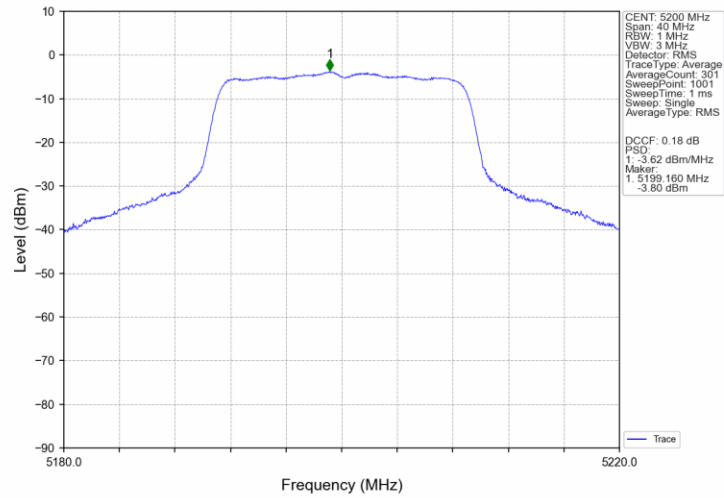
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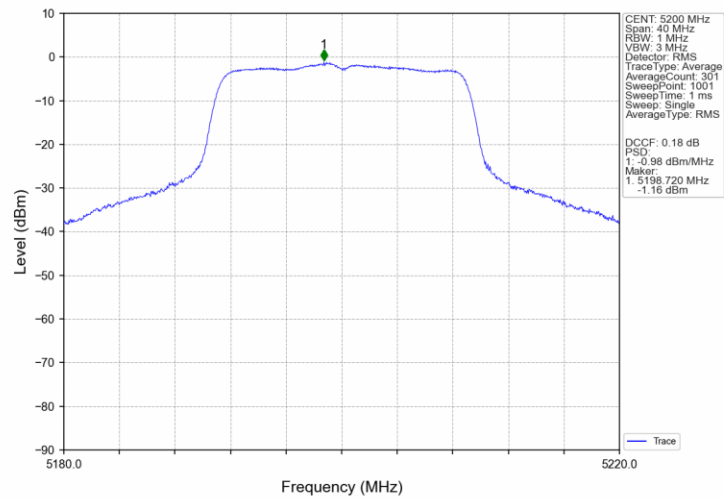
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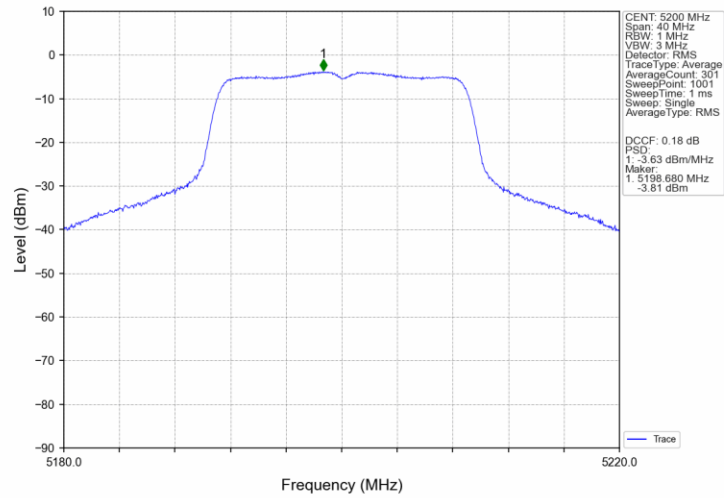
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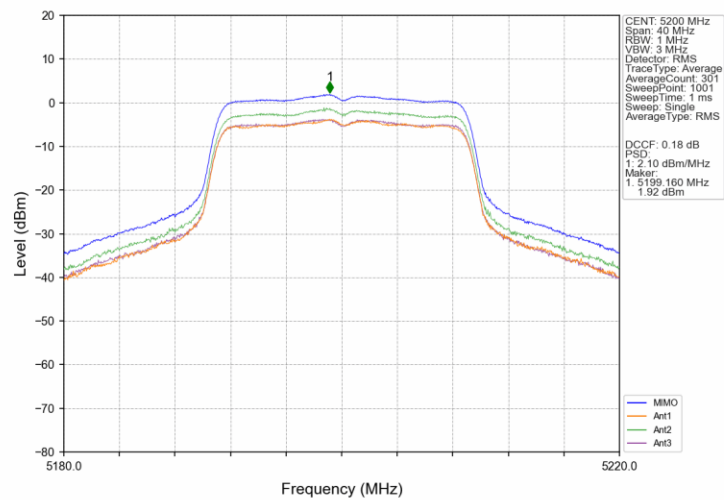
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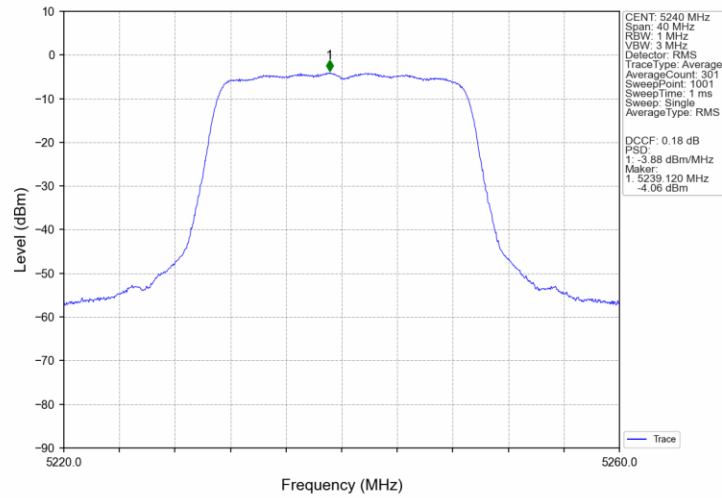
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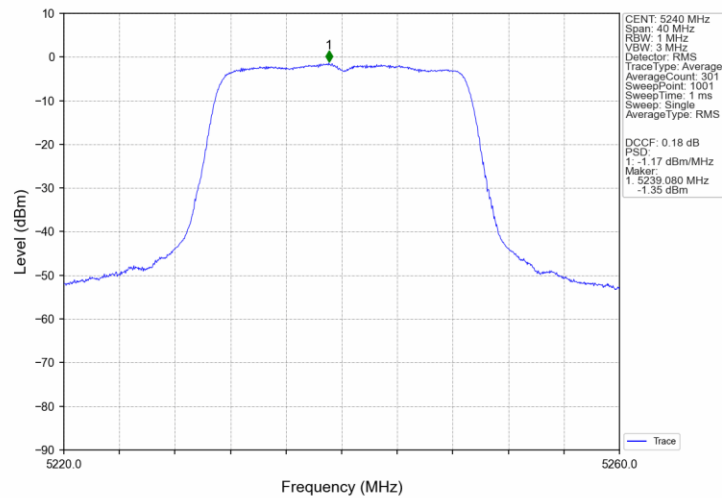
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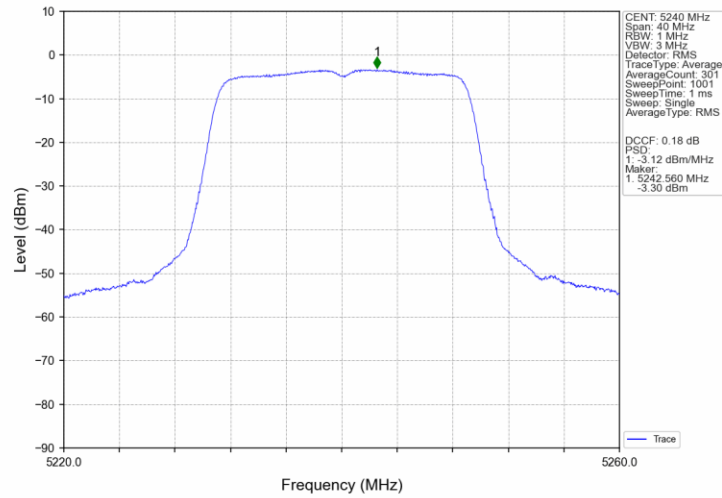
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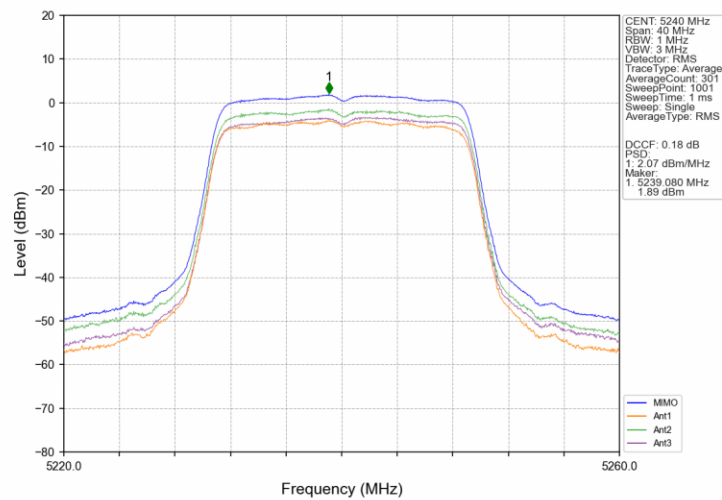
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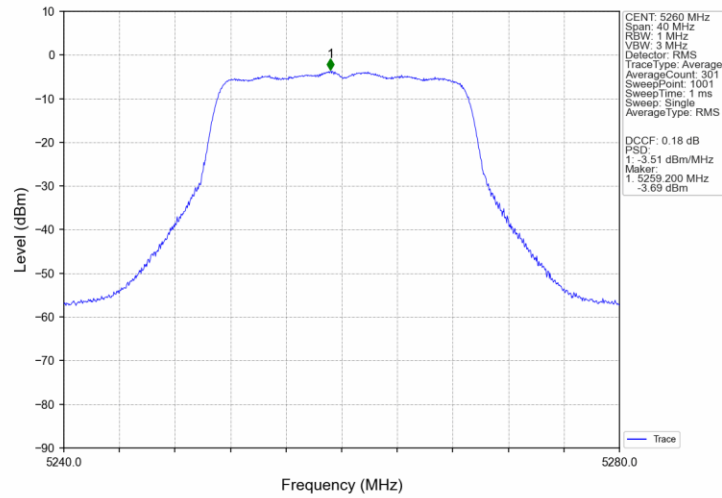
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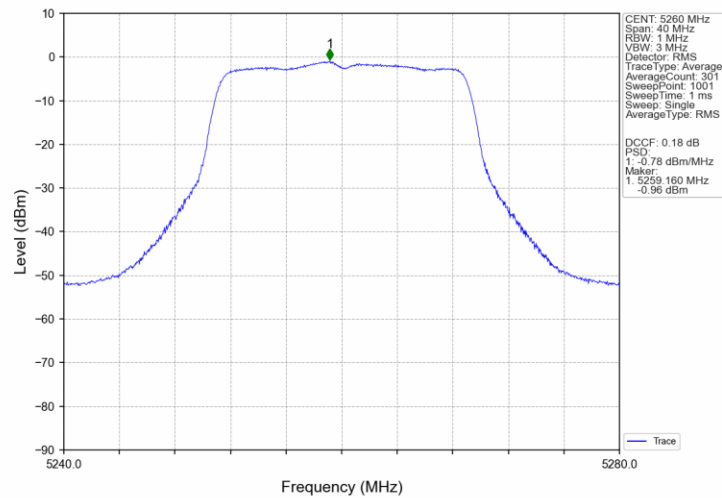
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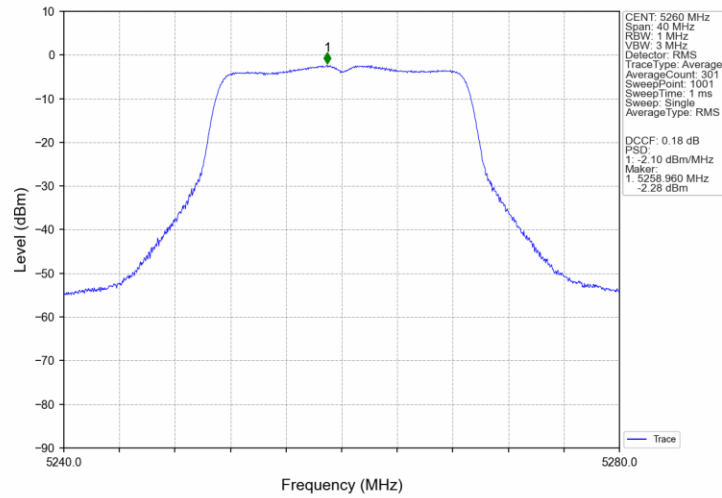
802.11n(HT20) LCH 5260MHz Ant2_NTNV



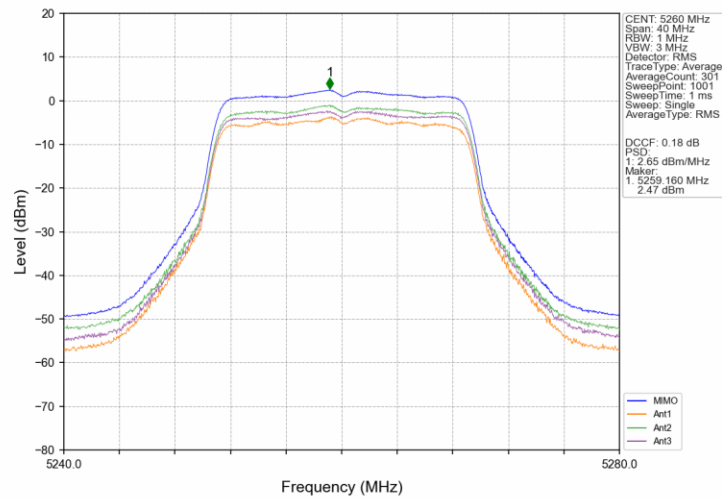
802.11n(HT20) LCH 5260MHz Ant3_NTNV



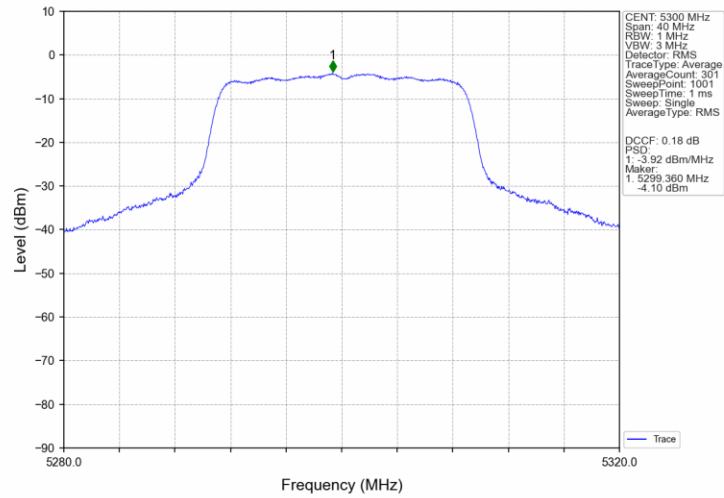
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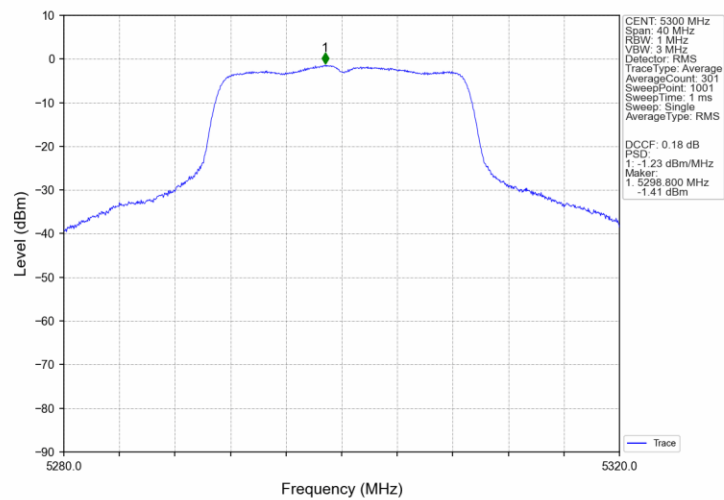
802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



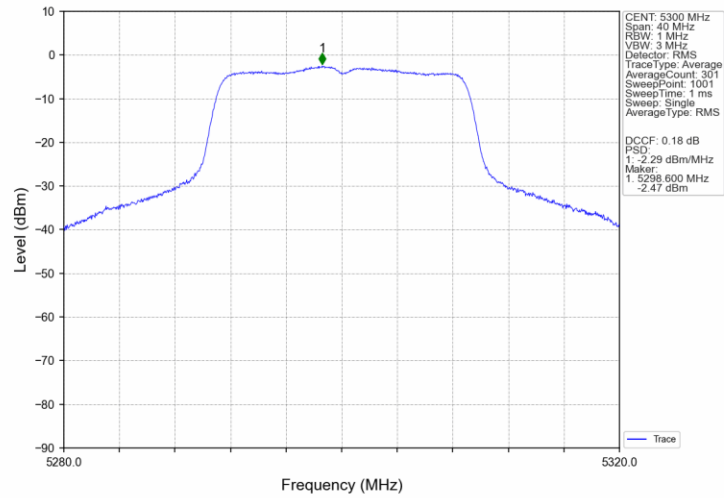
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_MCH_5300MHz_Ant3_NTNV



802.11n(HT20)_MCH_5300MHz_Ant4_NTNV



802.11n(HT20)_MCH_5300MHz MIMO NTNV

