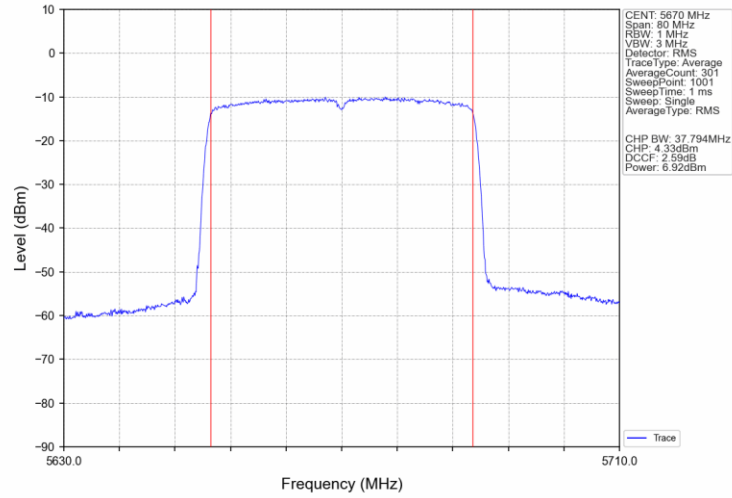
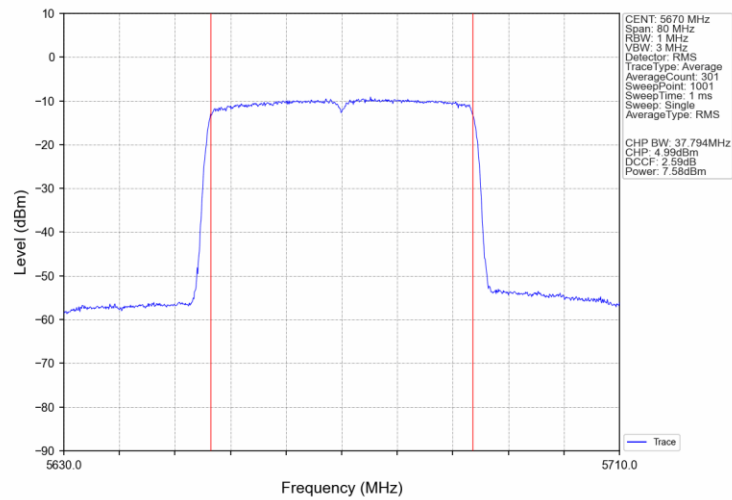


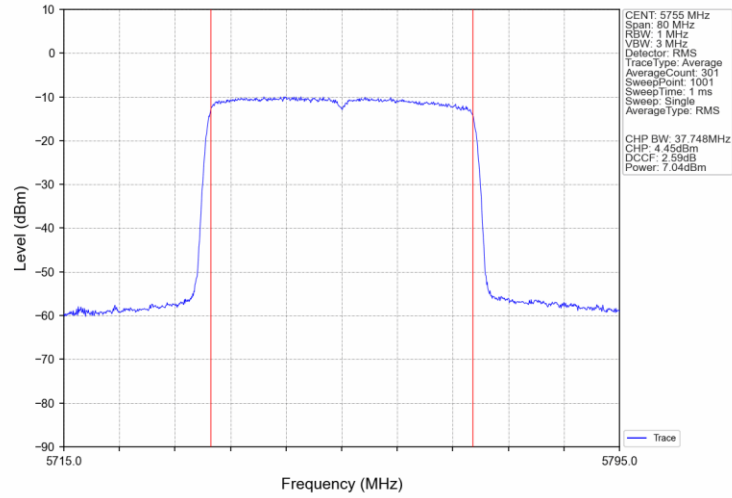
802.11ax(HEW40)_HCH_5670MHz_SU_ / _Ant1_NTNV



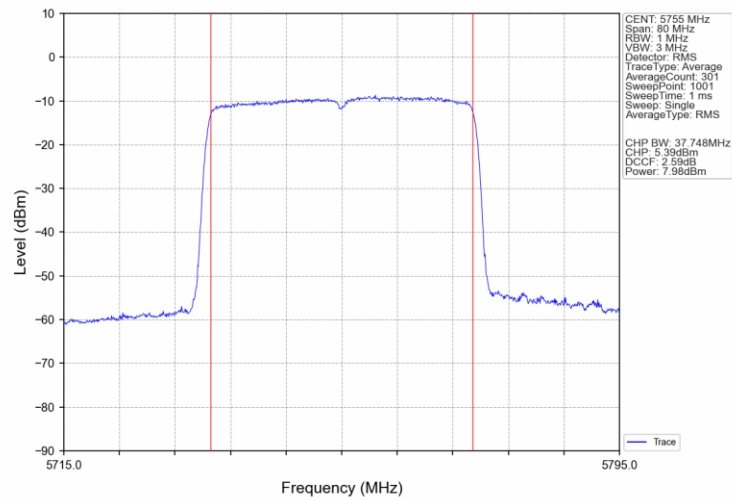
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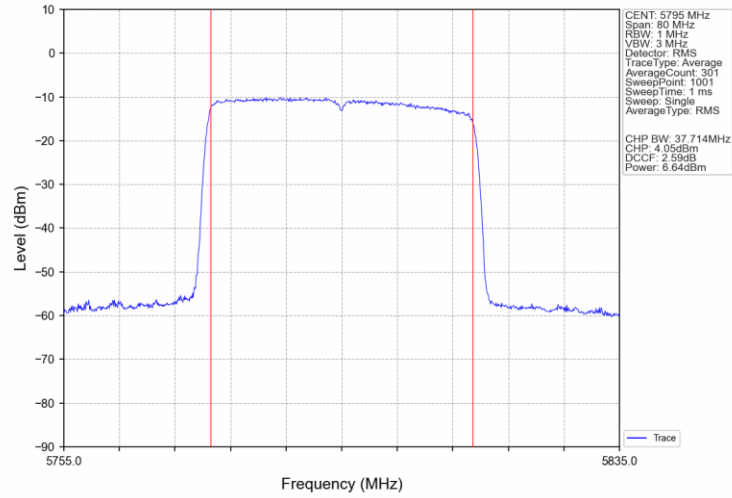
802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



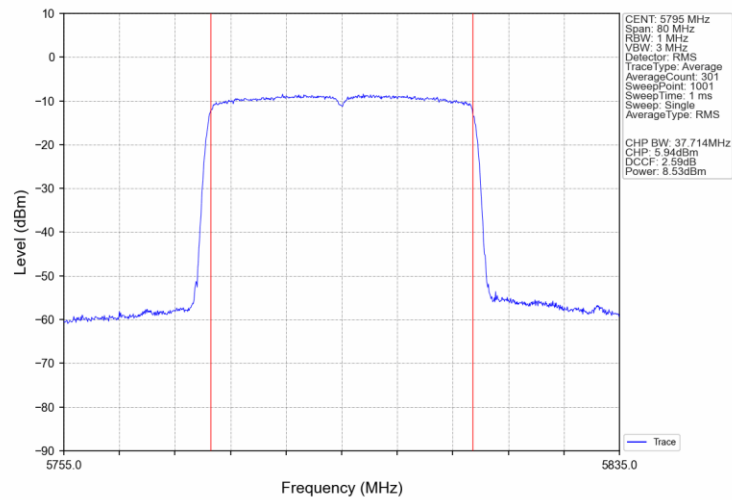
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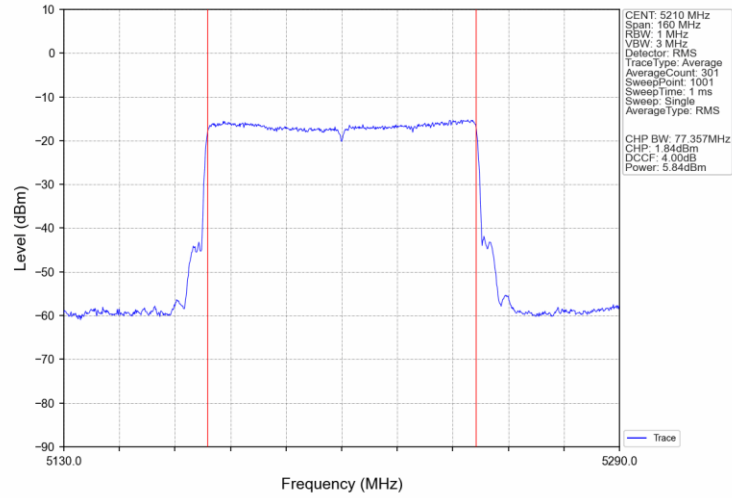
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



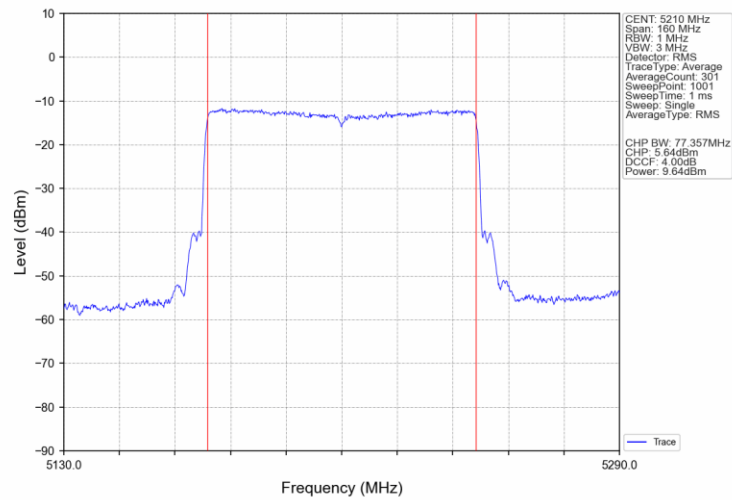
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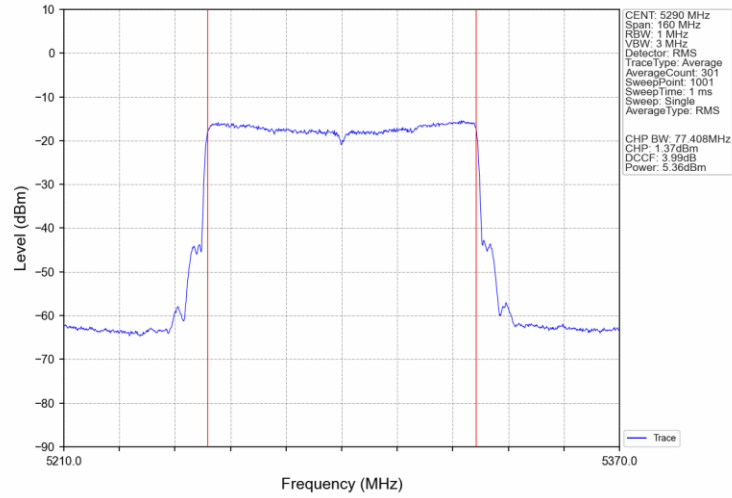
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



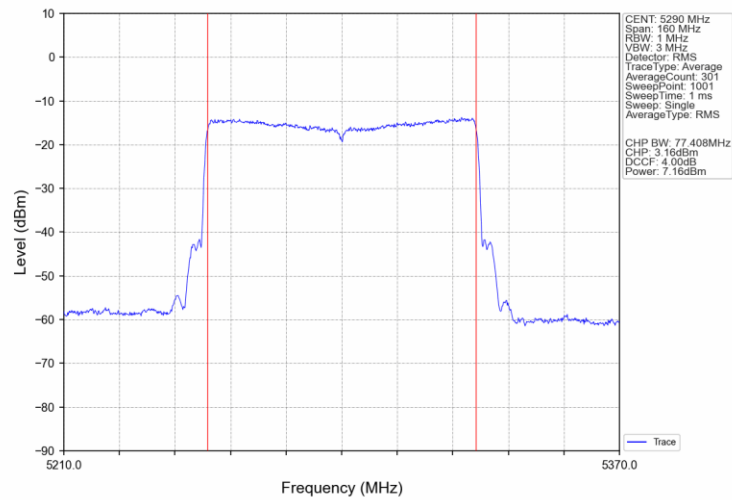
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



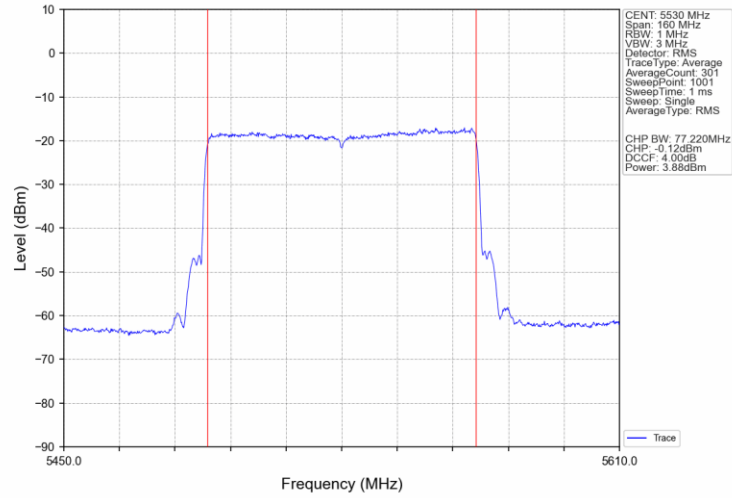
802.11ax(HEW80)_MCH_5290MHz_SU_ / _Ant1_NTNV



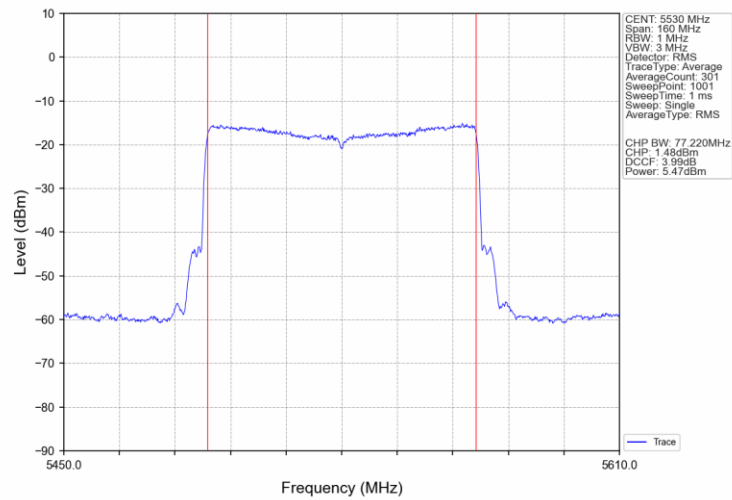
802.11ax(HEW80)_MCH_5290MHz_SU_ / _Ant2_NTNV



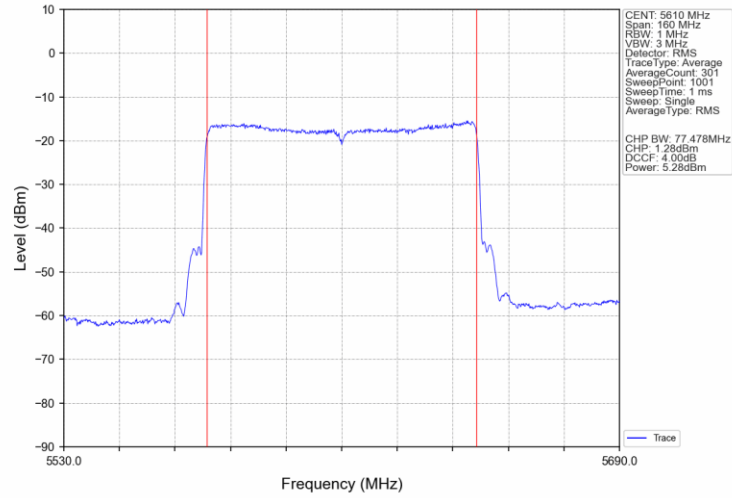
802.11ax(HEW80)_LCH_5530MHz_SU_/_Ant1_NTNV



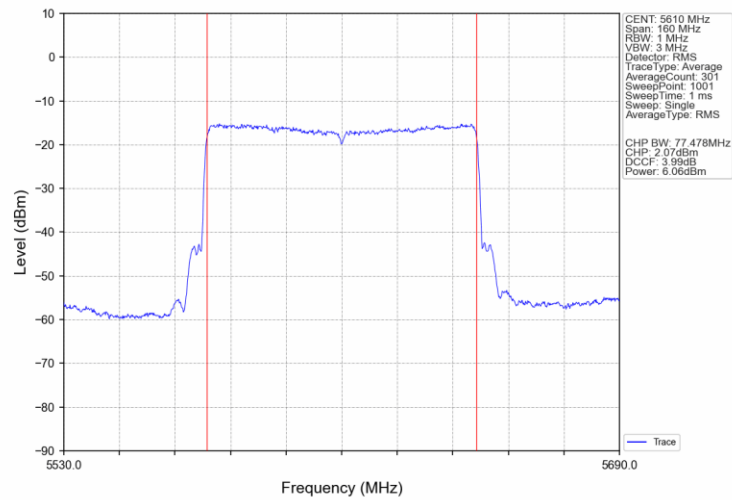
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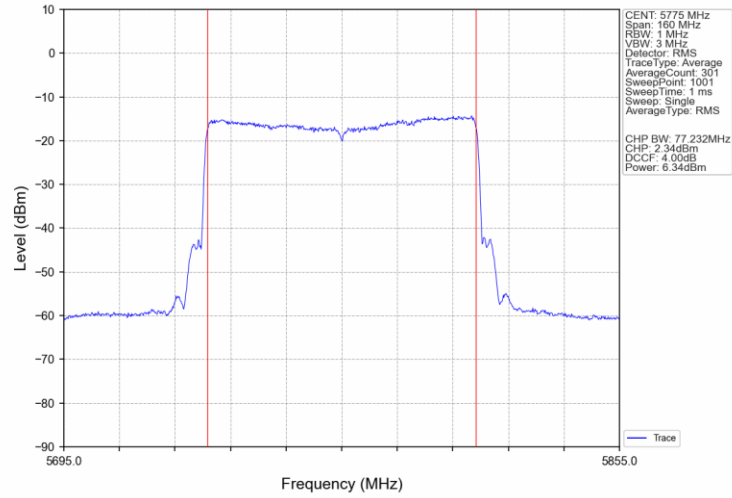
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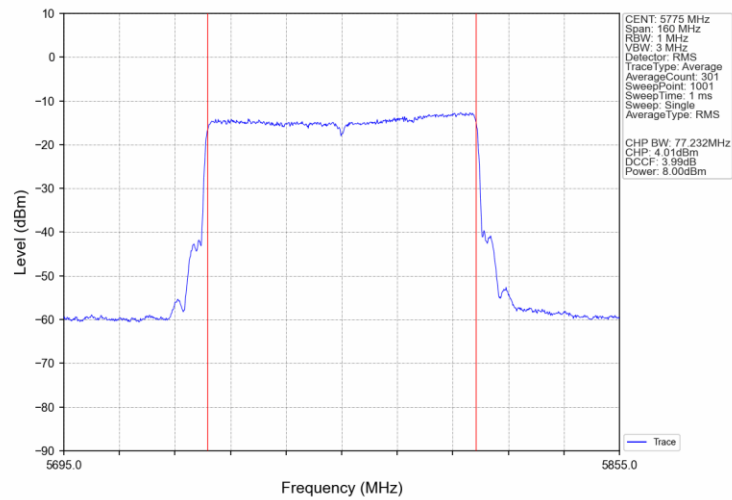
802.11ax(HEW80)_HCH_5610MHz_SU_/_Ant2_NTNV



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	/	/	-4.27	-0.84	/	<=11	Pass
		5200	/	/	-4.41	-0.96	/	<=11	Pass
		5240	/	/	-5.47	-0.49	/	<=11	Pass
		5260	/	/	-4.25	-1.37	/	<=11	Pass
		5300	/	/	-3.37	-1.83	/	<=11	Pass
		5320	/	/	-2.92	-2.02	/	<=11	Pass
		5500	/	/	-4.34	-1.70	/	<=11	Pass
		5580	/	/	-2.51	-2.26	/	<=11	Pass
		5700	/	/	-1.83	-1.16	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	-4.04	-1.09	0.46	<=10.26	Pass
		5200	/	/	-5.08	-1.15	0.22	<=10.26	Pass
		5240	/	/	-5.07	-1.11	0.25	<=10.26	Pass
		5260	/	/	-4.42	-2.16	-0.26	<=10.26	Pass
		5300	/	/	-3.66	-2.56	-0.16	<=10.26	Pass
		5320	/	/	-3.61	-2.20	-0.02	<=10.26	Pass
		5500	/	/	-4.49	-2.07	-0.27	<=10.26	Pass
		5580	/	/	-3.25	-2.56	0.00	<=10.26	Pass
802.11n (HT40)	MIMO	5700	/	/	-2.62	-1.50	0.99	<=10.26	Pass
		5190	/	/	-7.72	-4.06	-2.89	<=10.26	Pass
		5230	/	/	-8.18	-3.75	-2.53	<=10.26	Pass
		5270	/	/	-7.03	-4.86	-2.93	<=10.26	Pass
		5310	/	/	-6.68	-5.23	-3.05	<=10.26	Pass
		5510	/	/	-7.86	-5.26	-3.49	<=10.26	Pass
		5550	/	/	-7.07	-6.26	-3.80	<=10.26	Pass
		5670	/	/	-5.62	-4.57	-2.19	<=10.26	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-4.64	-1.19	0.23	<=10.26	Pass
		5200	/	/	-5.12	-0.90	0.32	<=10.26	Pass
		5240	/	/	-5.22	-1.09	0.26	<=10.26	Pass
		5260	/	/	-4.40	-1.63	0.11	<=10.26	Pass
		5300	/	/	-3.81	-2.39	-0.20	<=10.26	Pass
		5320	/	/	-3.74	-2.43	-0.19	<=10.26	Pass
		5500	/	/	-4.39	-2.04	-0.14	<=10.26	Pass
		5580	/	/	-2.82	-2.30	0.35	<=10.26	Pass
802.11ac (VHT40)	MIMO	5700	/	/	-2.97	-1.55	0.67	<=10.26	Pass
		5190	/	/	-7.58	-4.07	-2.74	<=10.26	Pass
		5230	/	/	-8.04	-3.86	-2.54	<=10.26	Pass
		5270	/	/	-7.10	-5.14	-3.21	<=10.26	Pass
		5310	/	/	-6.79	-5.24	-3.02	<=10.26	Pass
		5510	/	/	-7.76	-5.33	-3.43	<=10.26	Pass
		5550	/	/	-6.55	-5.79	-3.41	<=10.26	Pass
		5670	/	/	-5.76	-4.73	-2.42	<=10.26	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-11.28	-7.53	-6.15	<=10.26	Pass
		5290	/	/	-10.10	-7.90	-6.05	<=10.26	Pass
		5530	/	/	-10.69	-9.39	-7.21	<=10.26	Pass
		5610	/	/	-9.16	-8.55	-6.05	<=10.26	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	-4.60	-1.10	0.33	<=10.26	Pass
		5200	SU	/	-5.45	-0.99	0.19	<=10.26	Pass

		5240	SU	/	-5.19	-1.28	-0.01	<=10.26	Pass
		5260	SU	/	-6.20	-3.58	-1.69	<=10.26	Pass
		5300	SU	/	-5.56	-4.19	-2.08	<=10.26	Pass
		5320	SU	/	-5.63	-4.40	-2.21	<=10.26	Pass
		5500	SU	/	-6.72	-4.40	-2.50	<=10.26	Pass
		5580	SU	/	-5.12	-4.66	-2.02	<=10.26	Pass
		5700	SU	/	-4.63	-3.72	-1.22	<=10.26	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	-7.66	-4.09	-2.76	<=10.26	Pass
		5230	SU	/	-8.43	-4.26	-3.00	<=10.26	Pass
		5270	SU	/	-8.86	-6.79	-4.86	<=10.26	Pass
		5310	SU	/	-8.48	-6.85	-5.01	<=10.26	Pass
		5510	SU	/	-9.83	-7.88	-5.84	<=10.26	Pass
		5550	SU	/	-9.13	-8.39	-5.87	<=10.26	Pass
		5670	SU	/	-7.68	-6.70	-4.33	<=10.26	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-10.49	-7.51	-5.90	<=10.26	Pass
		5290	SU	/	-11.73	-9.51	-7.70	<=10.26	Pass
		5530	SU	/	-12.97	-10.97	-9.27	<=10.26	Pass
		5610	SU	/	-11.63	-10.56	-8.15	<=10.26	Pass

Note1: Antenna Gain:

- Band: 1 Ant1: 3.73dBi;
- Band: 3 Ant1: 3.73dBi;
- Band: 2A Ant1: 3.73dBi;
- Band: 2C Ant1: 3.73dBi;
- Band: 1 Ant2: 3.73dBi;
- Band: 3 Ant2: 3.73dBi;
- Band: 2A Ant2: 3.73dBi;
- Band: 2C Ant2: 3.73dBi;

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	/	/	-5.09	-3.90	/	<=30	Pass
		5785	/	/	-5.11	-3.79	/	<=30	Pass
		5825	/	/	-6.53	-4.61	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-5.56	-4.67	-2.24	<=29.26	Pass
		5785	/	/	-5.59	-4.43	-2.09	<=29.26	Pass
		5825	/	/	-7.22	-5.09	-3.15	<=29.26	Pass
802.11n (HT40)	MIMO	5755	/	/	-8.31	-6.75	-4.59	<=29.26	Pass
		5795	/	/	-8.40	-6.98	-4.62	<=29.26	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-5.40	-4.83	-2.26	<=29.26	Pass
		5785	/	/	-5.63	-4.03	-1.84	<=29.26	Pass
		5825	/	/	-6.76	-5.12	-2.98	<=29.26	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-8.30	-7.31	-4.82	<=29.26	Pass
		5795	/	/	-8.45	-7.28	-5.04	<=29.26	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-10.92	-10.01	-7.51	<=29.26	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	-7.62	-6.58	-4.28	<=29.26	Pass
		5785	SU	/	-7.85	-6.23	-4.22	<=29.26	Pass
		5825	SU	/	-8.87	-6.96	-4.93	<=29.26	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	-10.38	-9.37	-7.02	<=29.26	Pass
		5795	SU	/	-10.28	-8.69	-6.65	<=29.26	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	-13.29	-11.40	-9.32	<=29.26	Pass

Note1: Antenna Gain:

- Band: 1 Ant1: 3.73dBi;
- Band: 3 Ant1: 3.73dBi;
- Band: 2A Ant1: 3.73dBi;
- Band: 2C Ant1: 3.73dBi;



260612013FW4

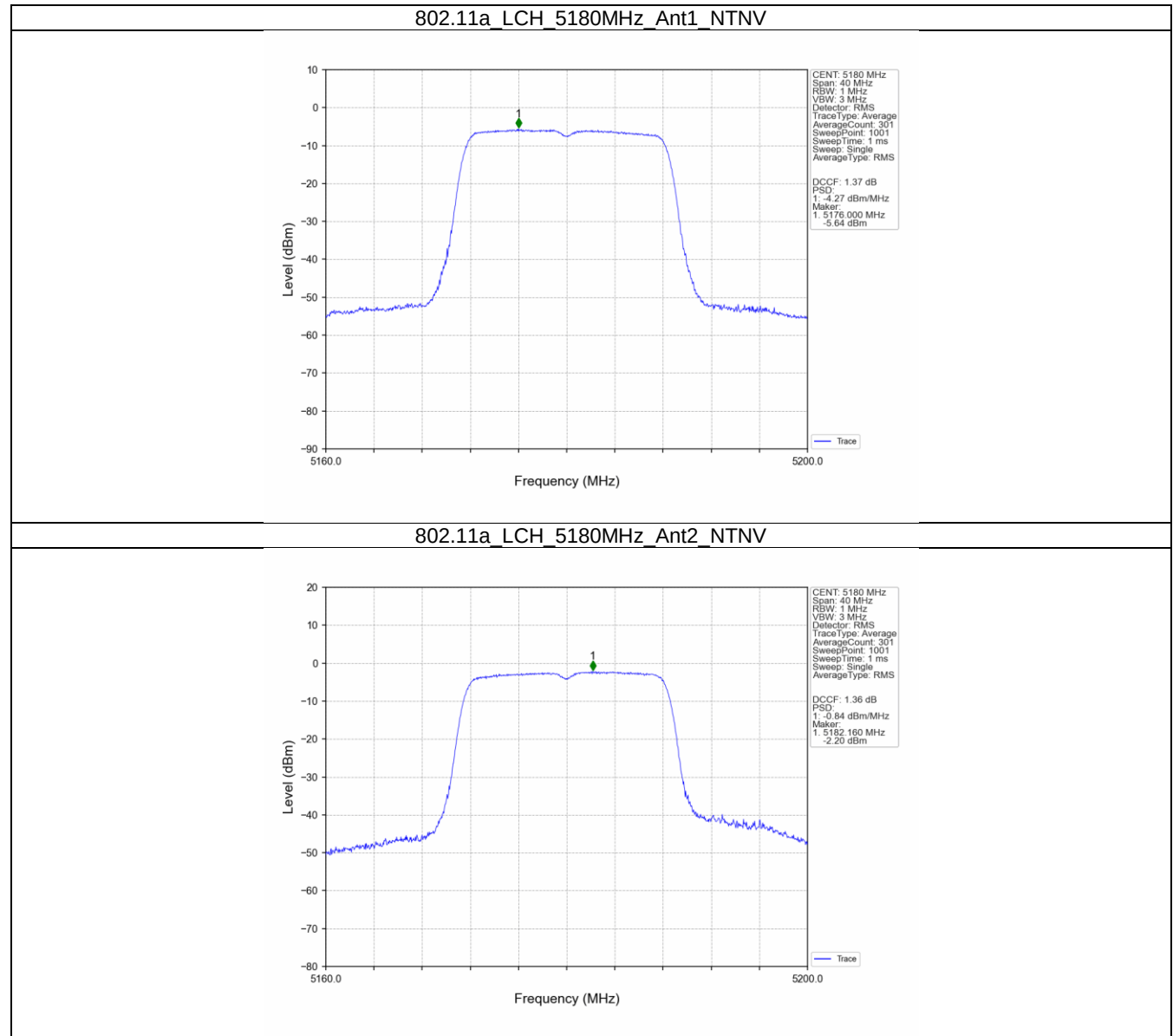
- Band: 1 Ant2: 3.73dBi;
- Band: 3 Ant2: 3.73dBi;
- Band: 2A Ant2: 3.73dBi;
- Band: 2C Ant2: 3.73dBi;

Note2: Directional Gain: Band1: 6.74dBi, Band2A: 6.74dBi, Band2C: 6.74dBi, Band3: 6.74dBi

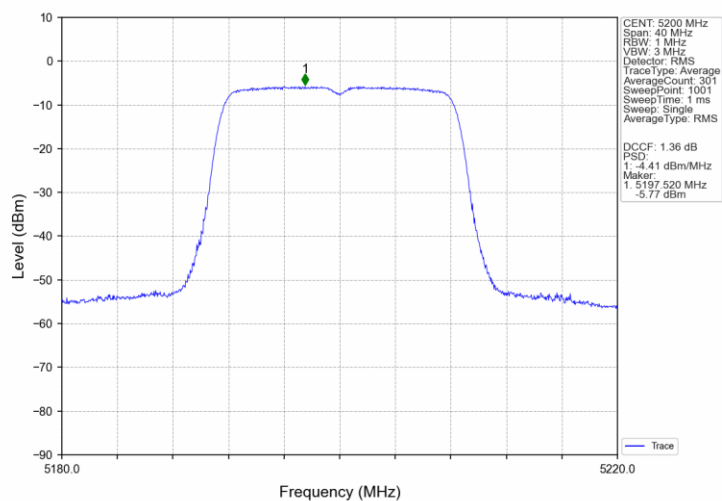
260612013FW4

4.2 Test Graph

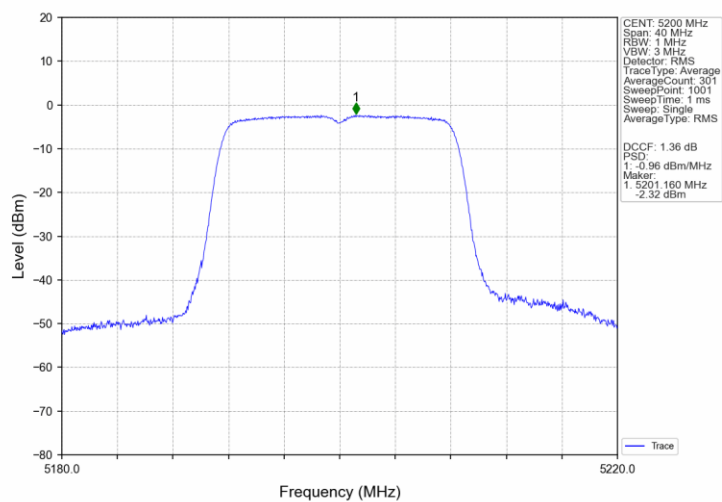
4.2.1 PSD



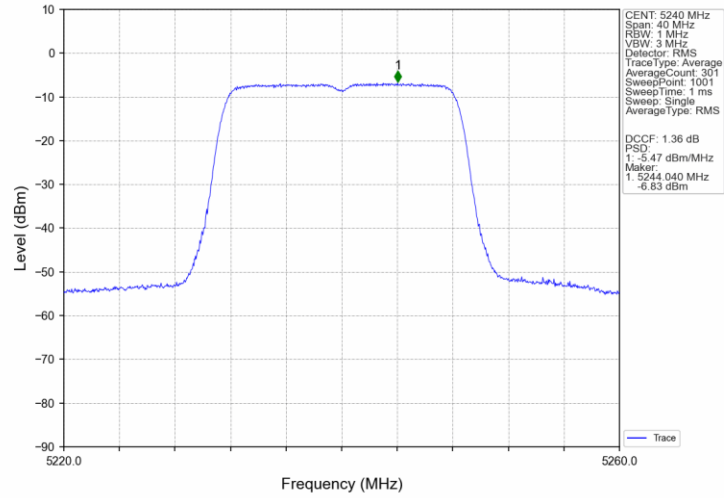
802.11a_MCH_5200MHz_Ant1_NTNV



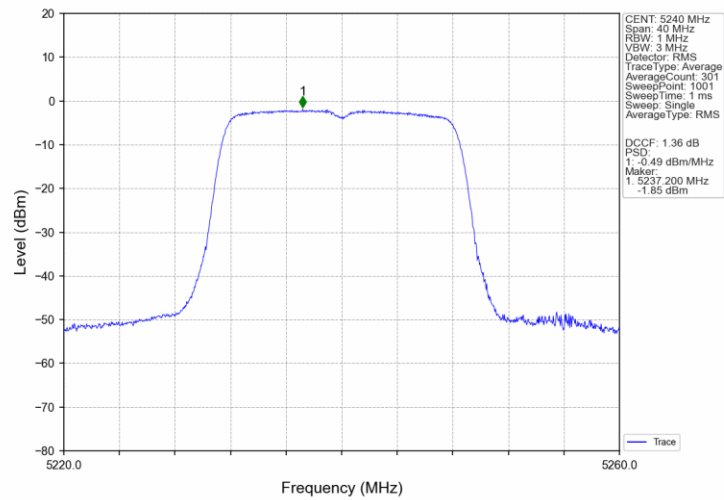
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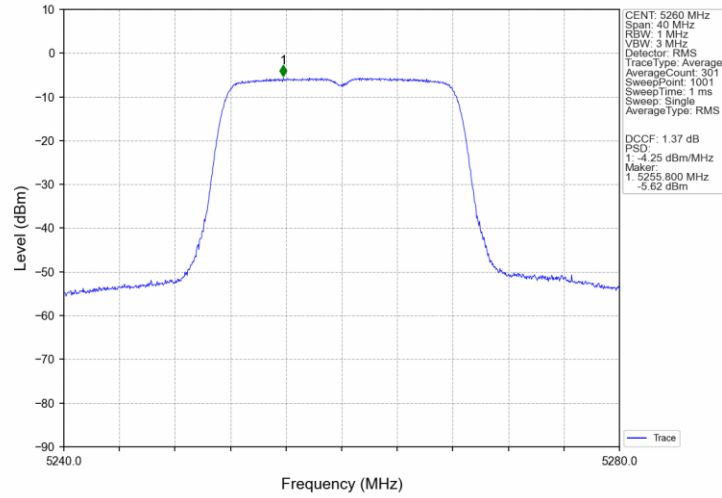
802.11a_HCH_5240MHz_Ant1_NTNV



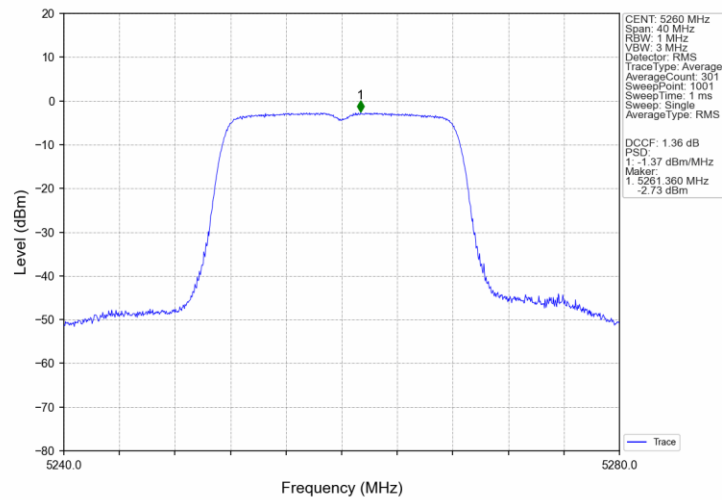
802.11a_HCH_5240MHz_Ant2_NTNV



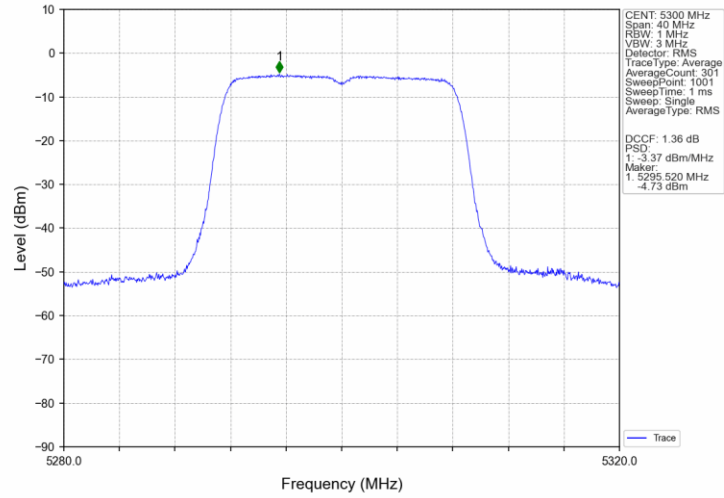
802.11a_LCH_5260MHz_Ant1_NTNV



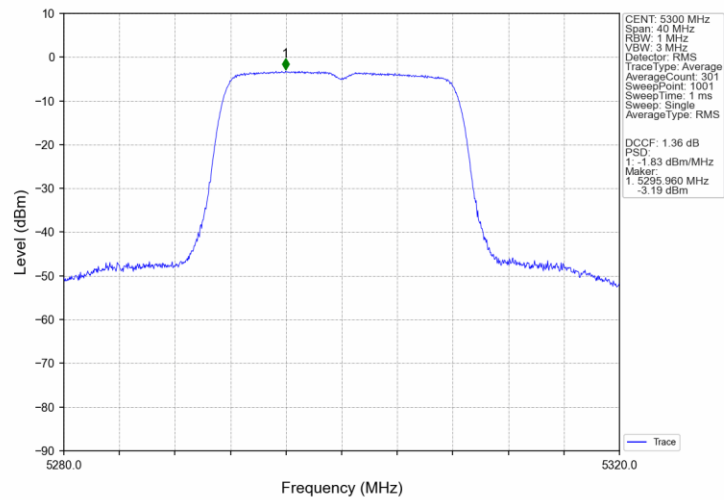
802.11a_LCH_5260MHz_Ant2_NTNV



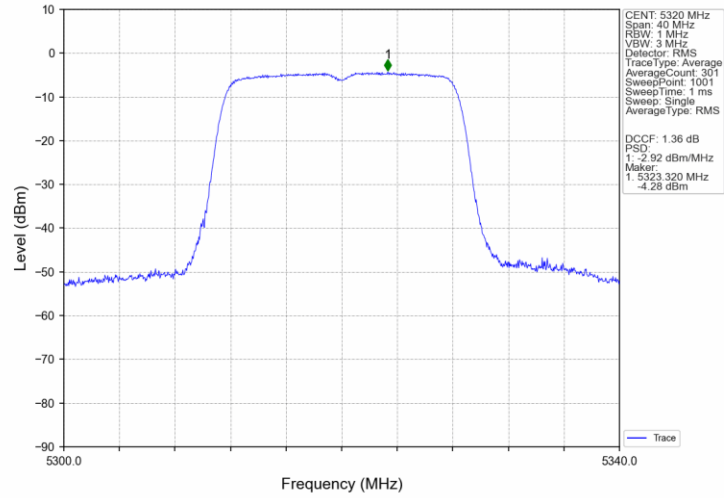
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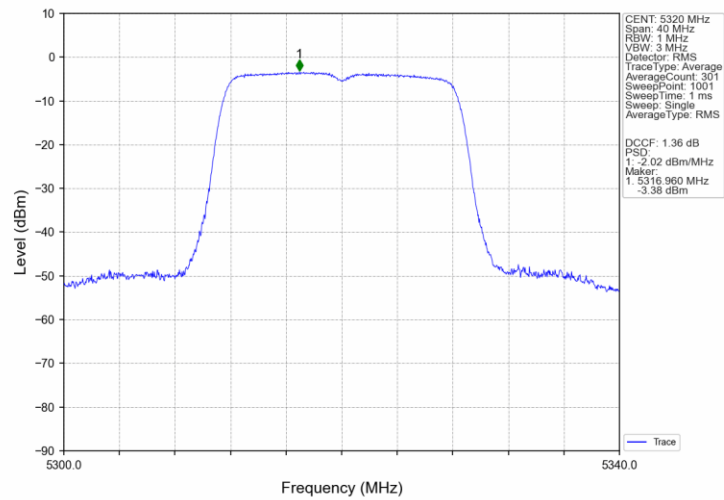
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802.11a_HCH_5320MHz_Ant1_NTNV

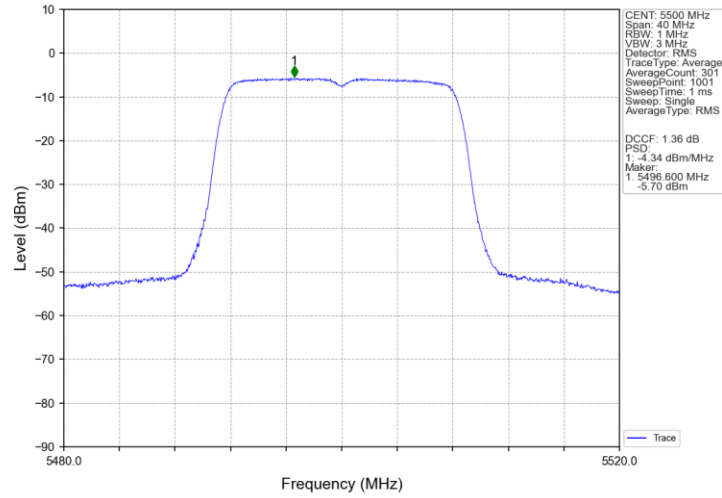


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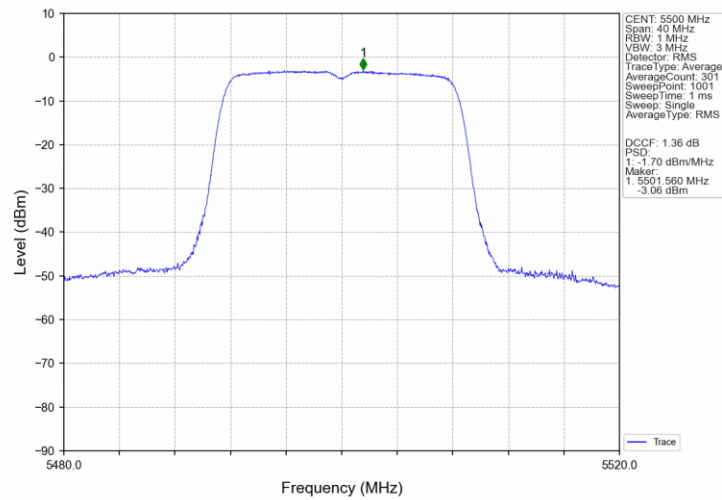


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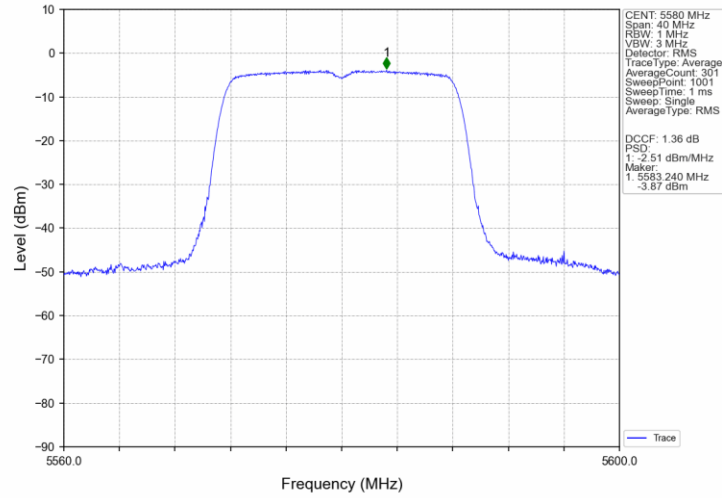
802.11a_LCH_5500MHz_Ant1_NTNV



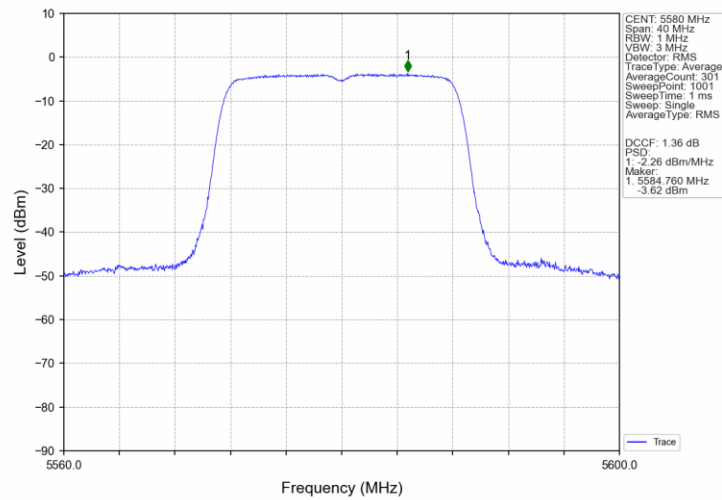
802.11a_LCH_5500MHz_Ant2_NTNV



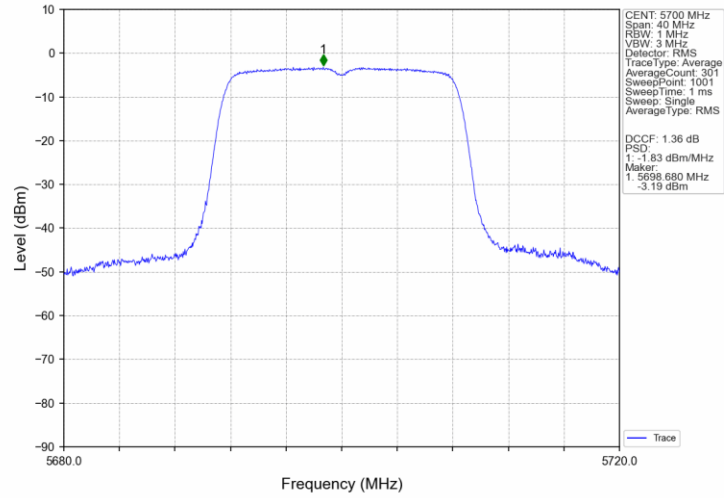
802.11a_MCH_5580MHz_Ant1_NTNV



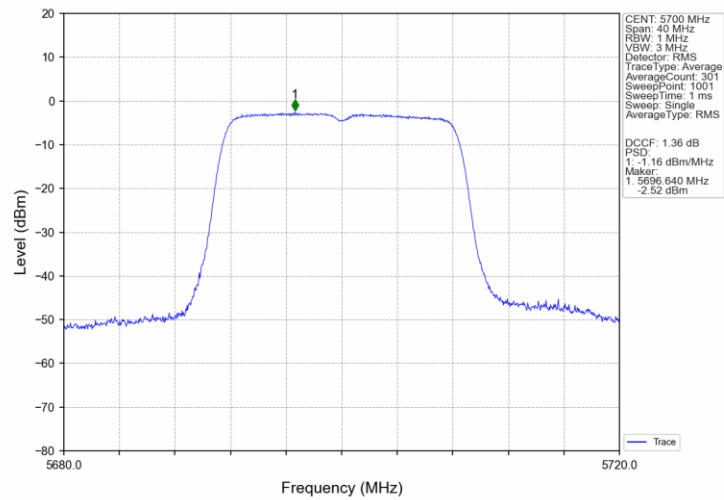
802.11a_MCH_5580MHz_Ant2_NTNV



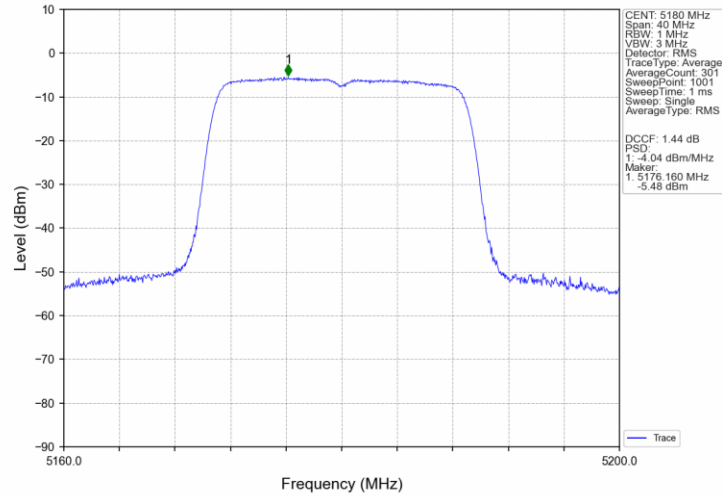
802.11a_HCH_5700MHz_Ant1_NTNV



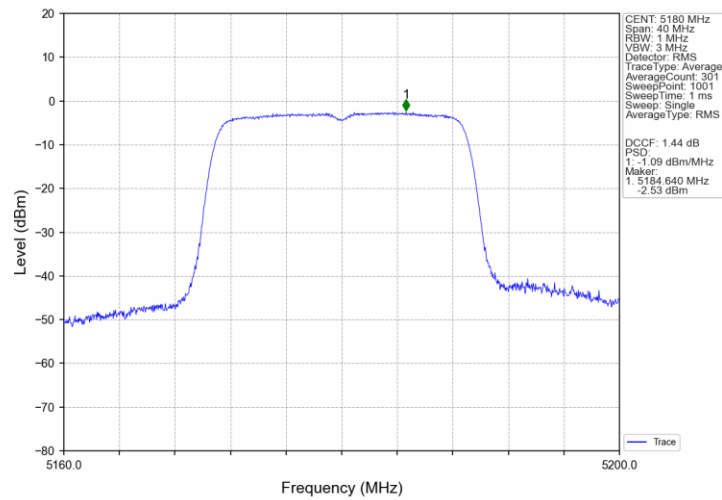
802.11a_HCH_5700MHz_Ant2_NTNV



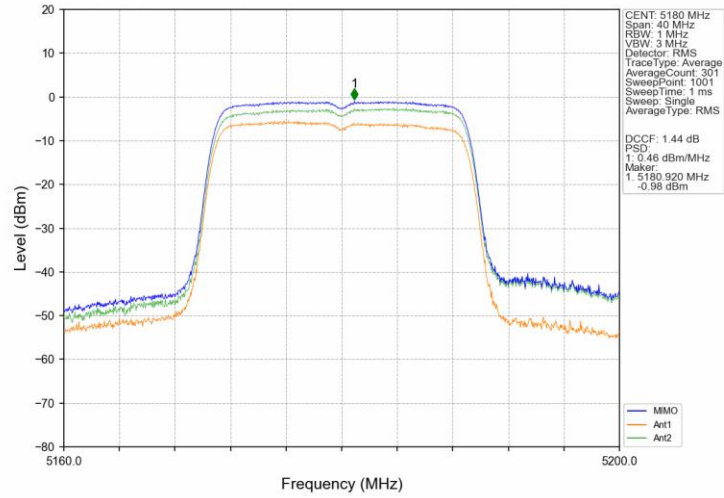
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



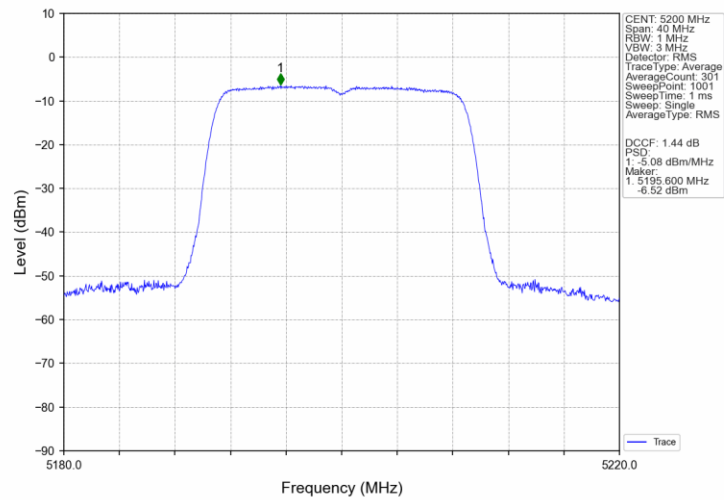
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



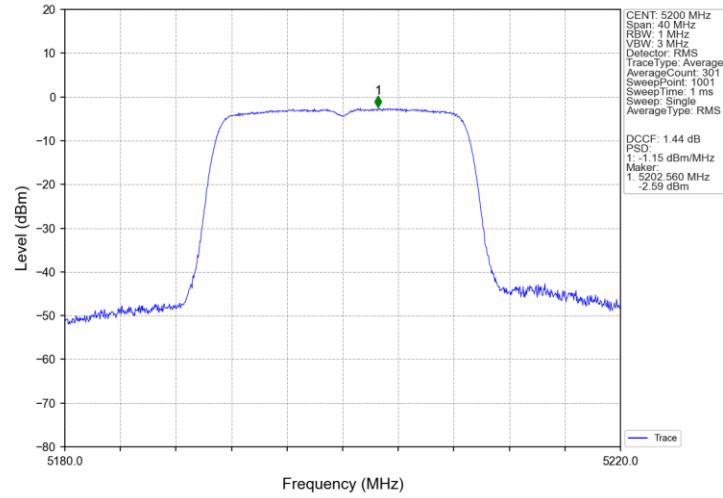
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



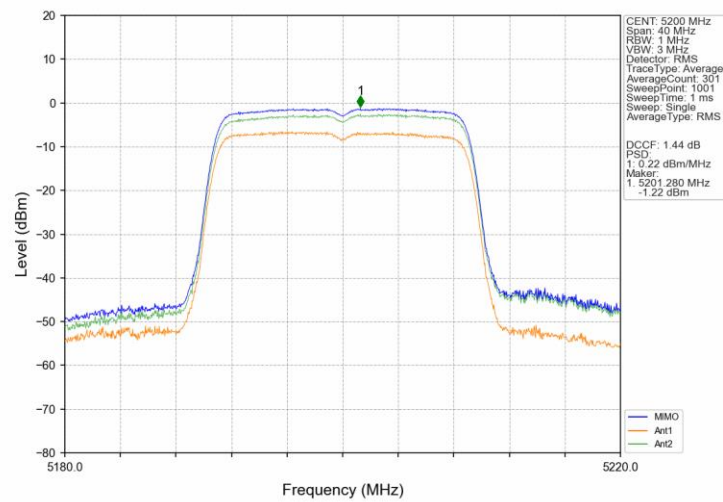
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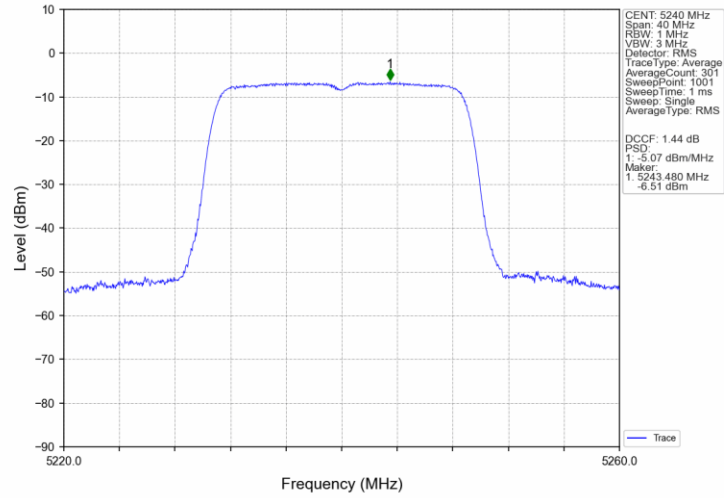
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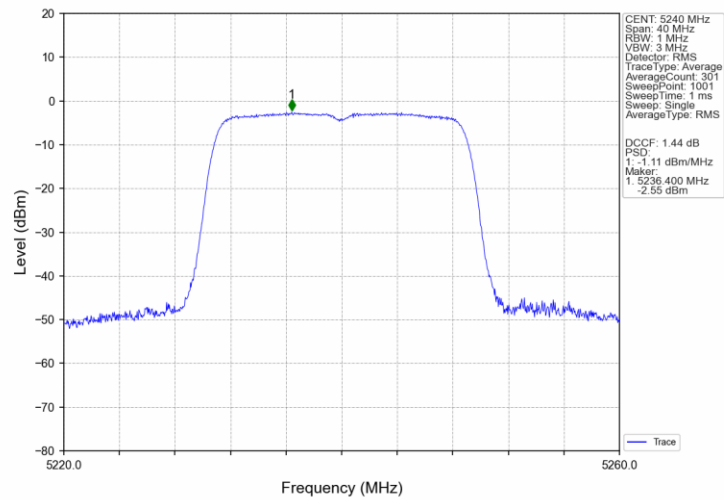
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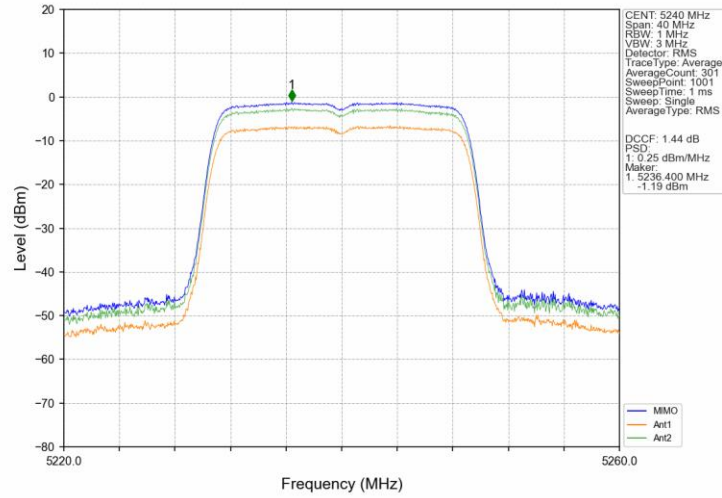
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



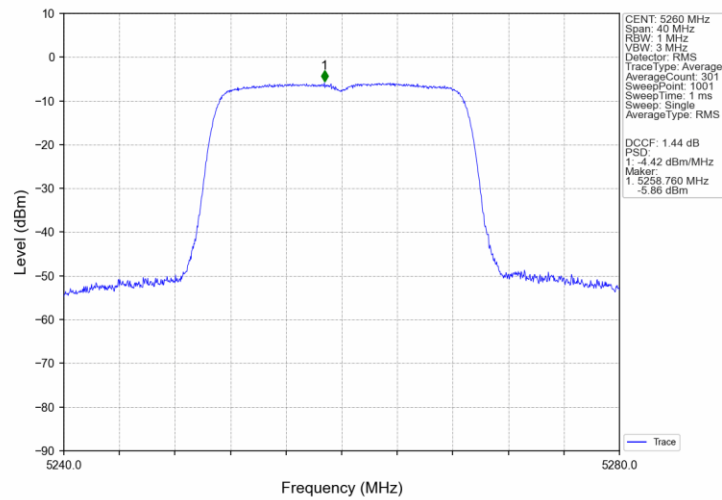
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



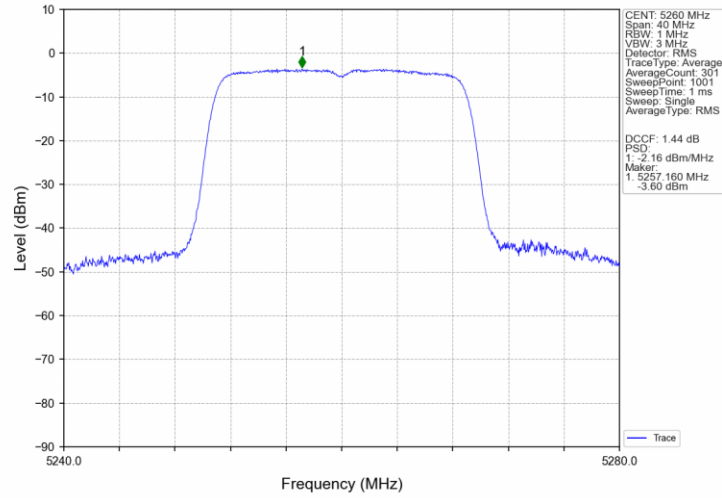
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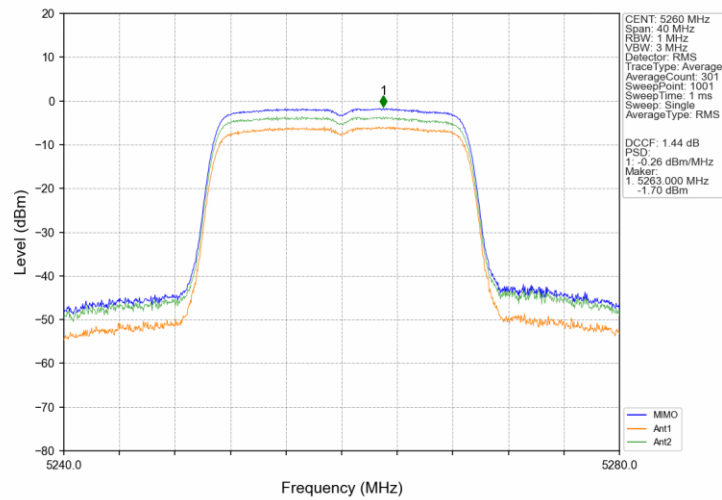
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



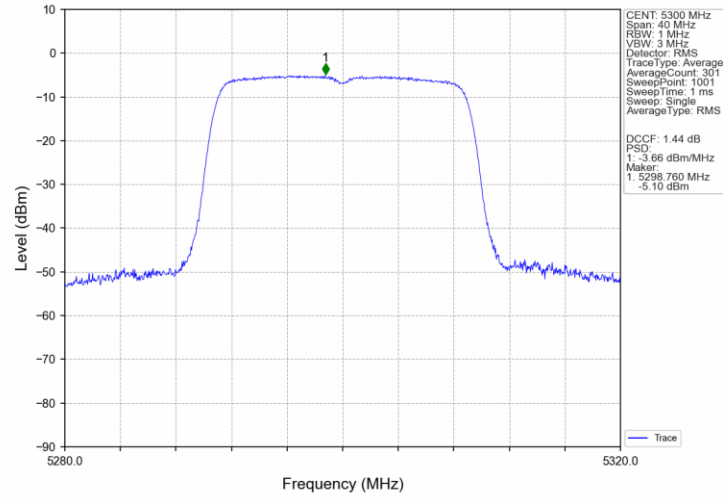
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



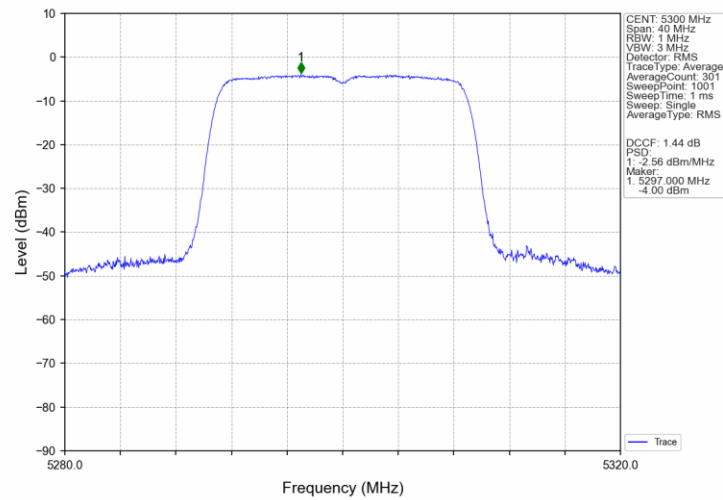
802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



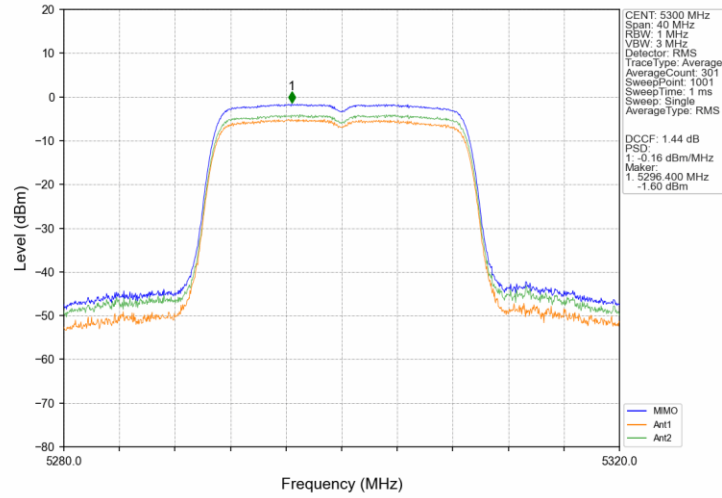
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



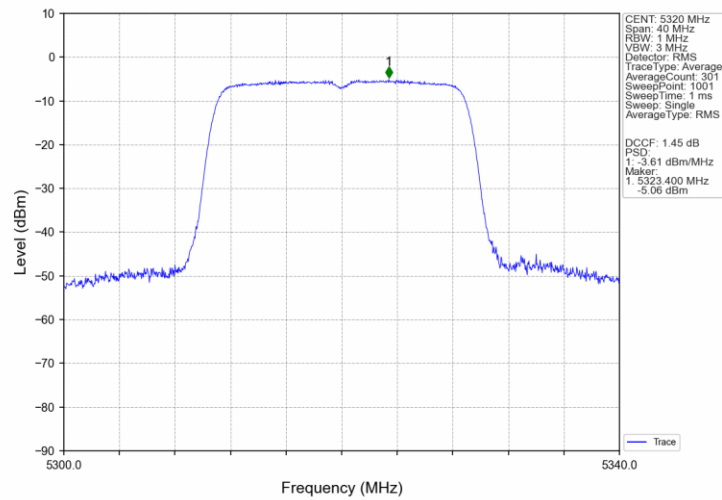
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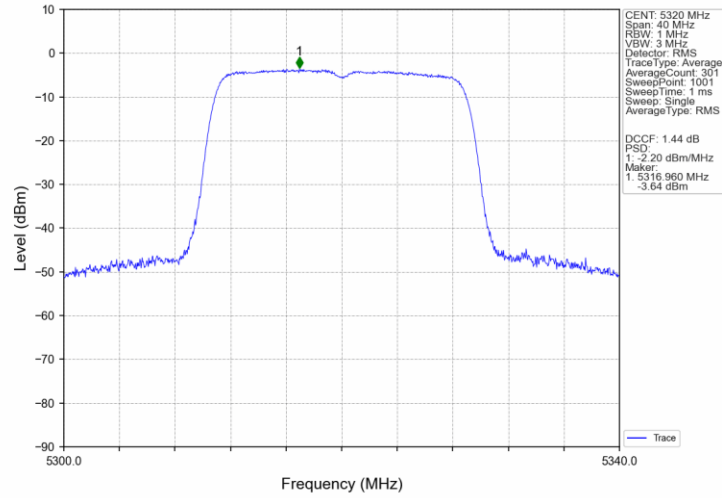
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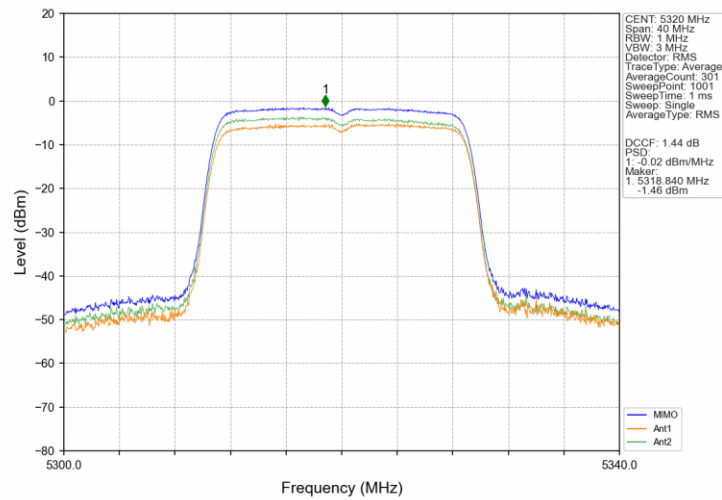
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



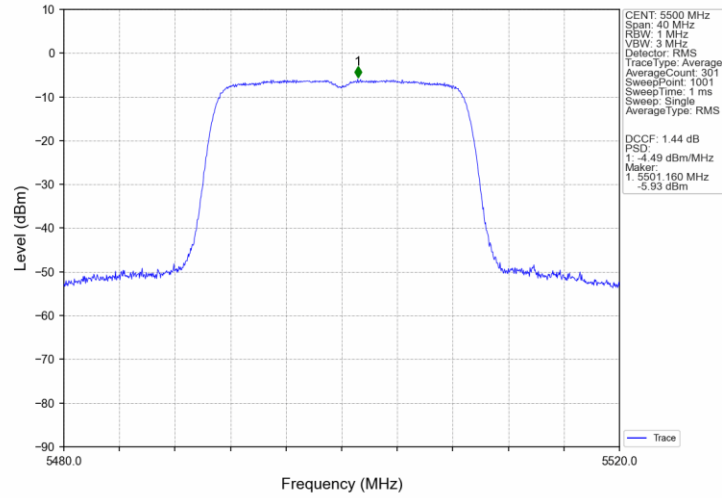
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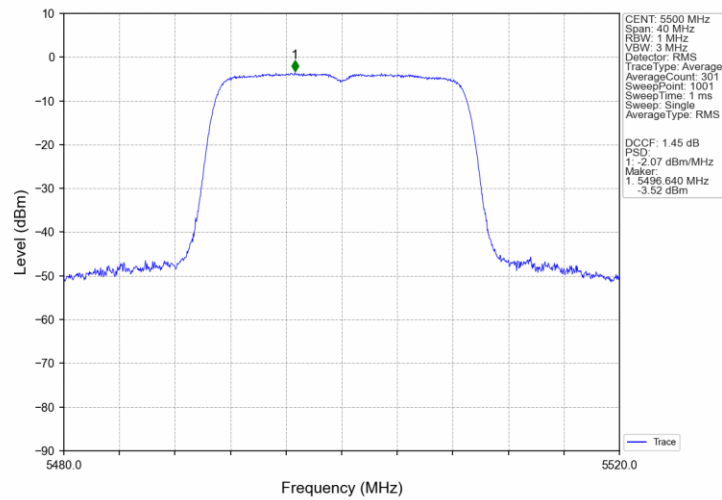
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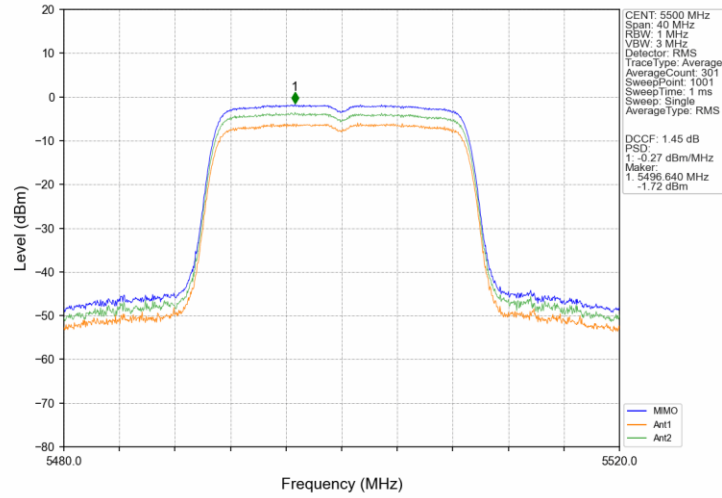
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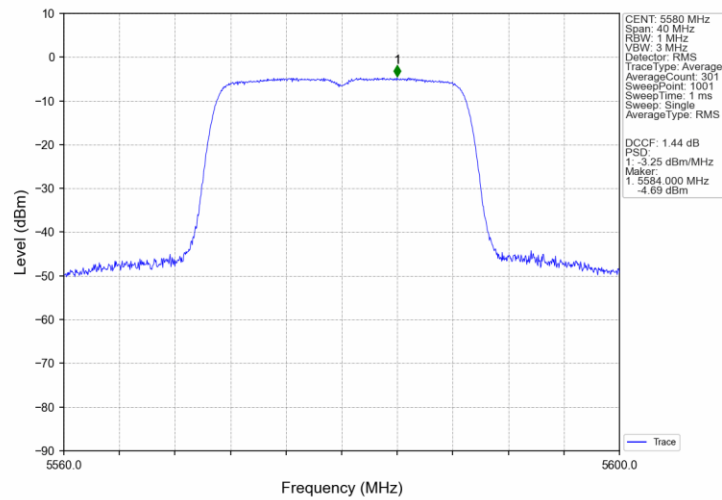
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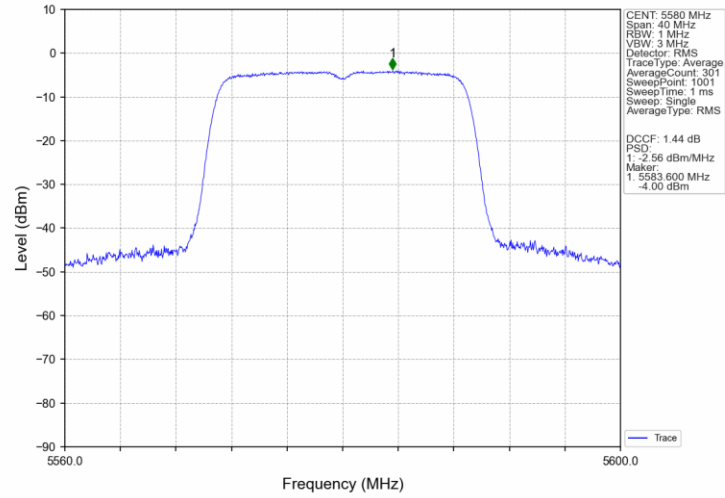
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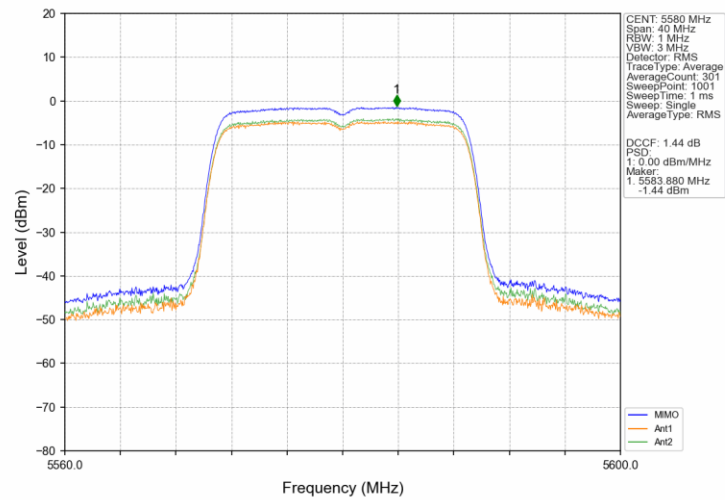
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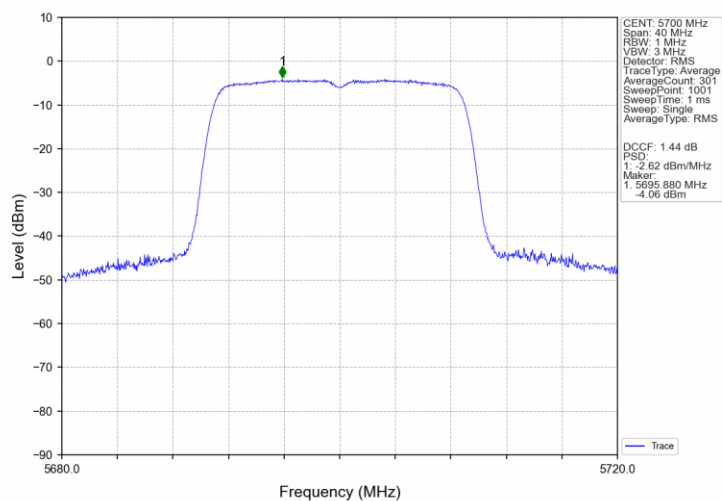
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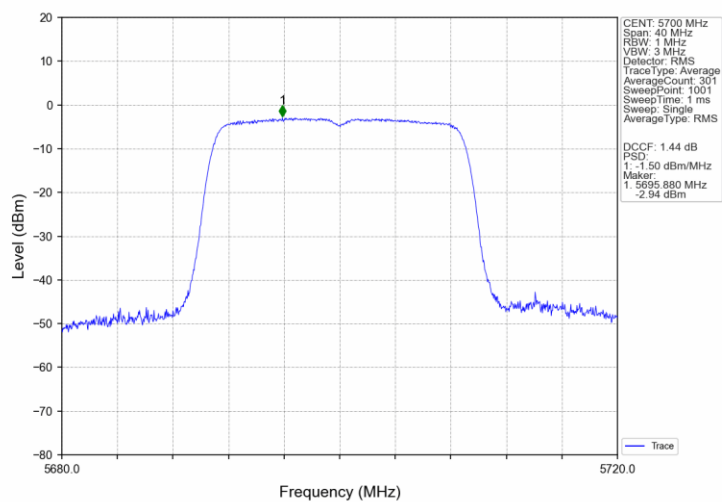
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

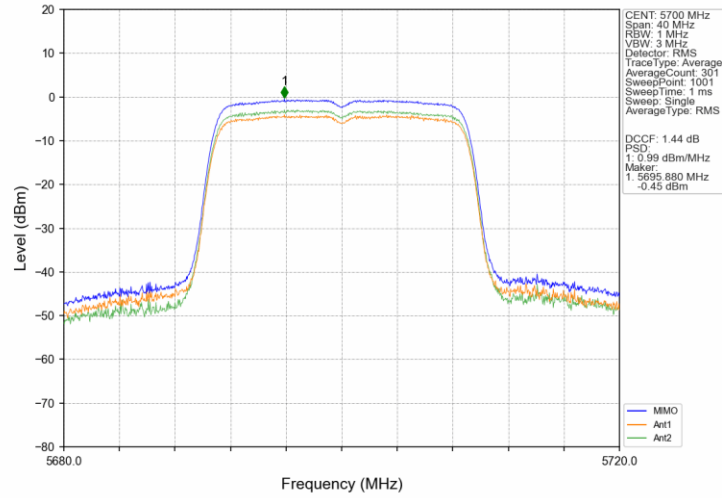


802.11n(HT20)_HCH_5700MHz_Ant2_NTNV

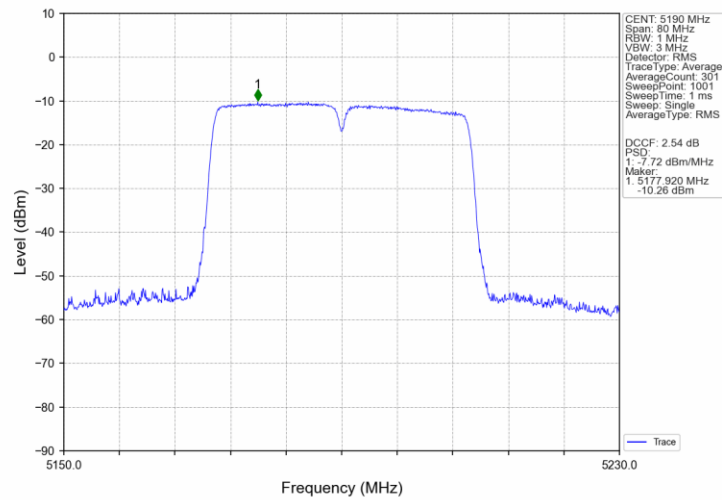


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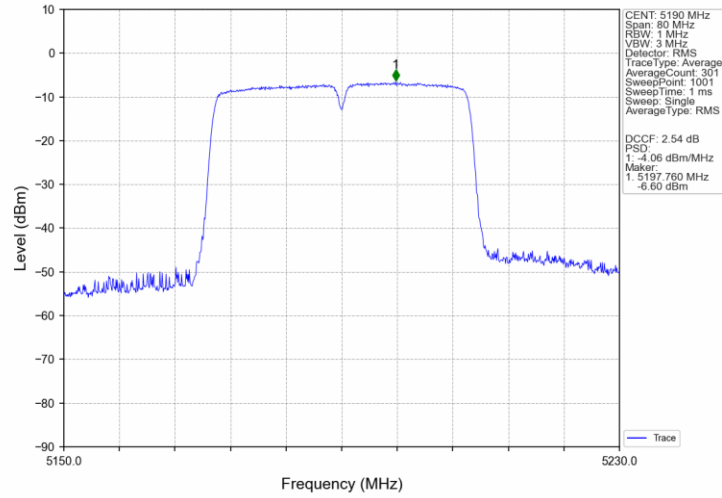
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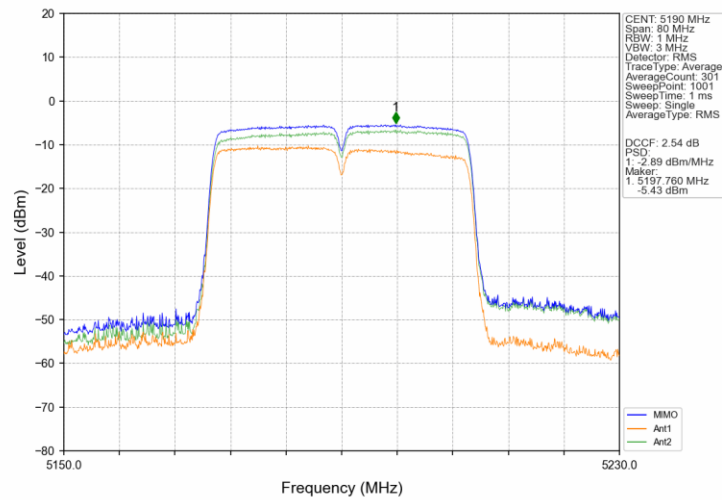
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



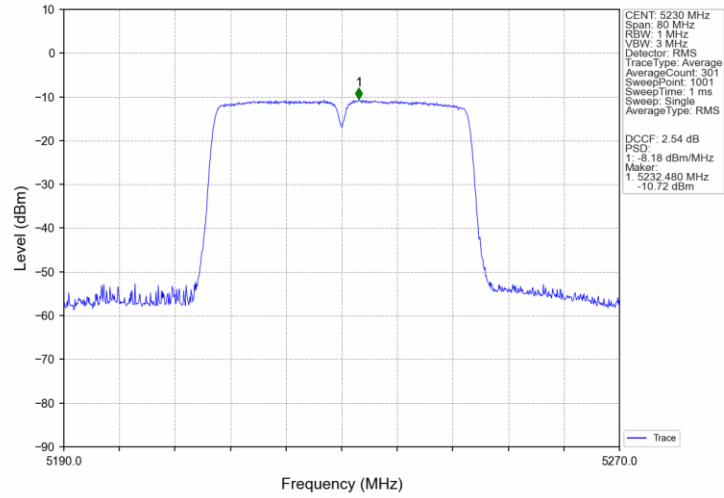
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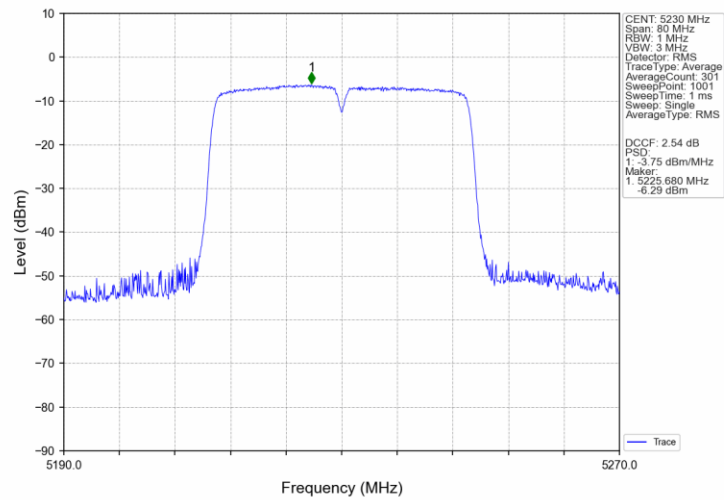
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

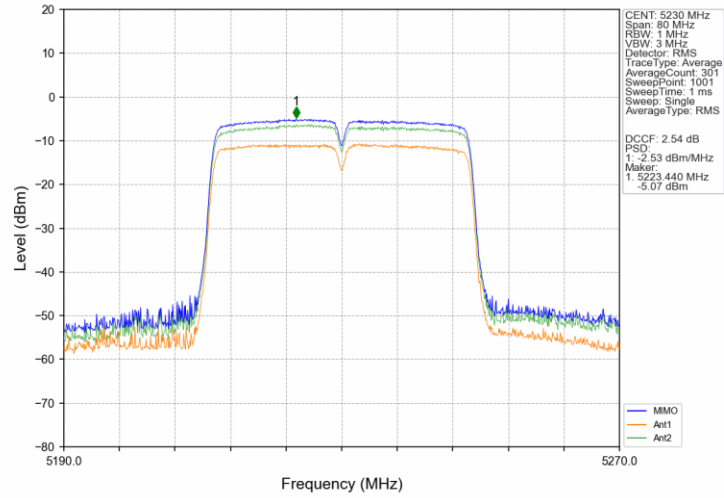


802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

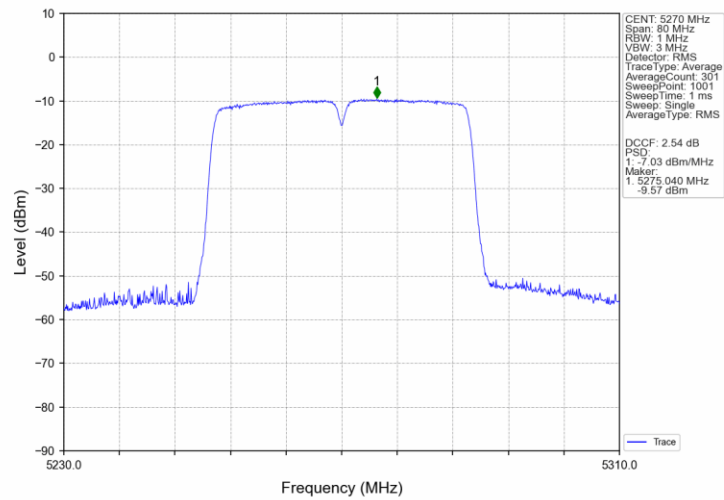


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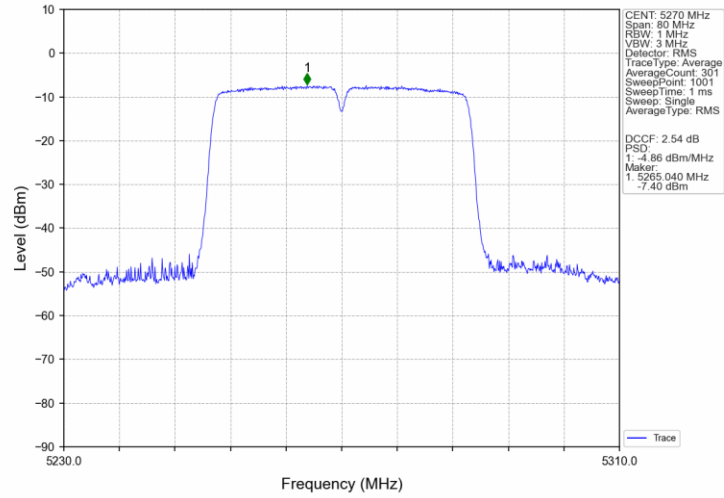
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



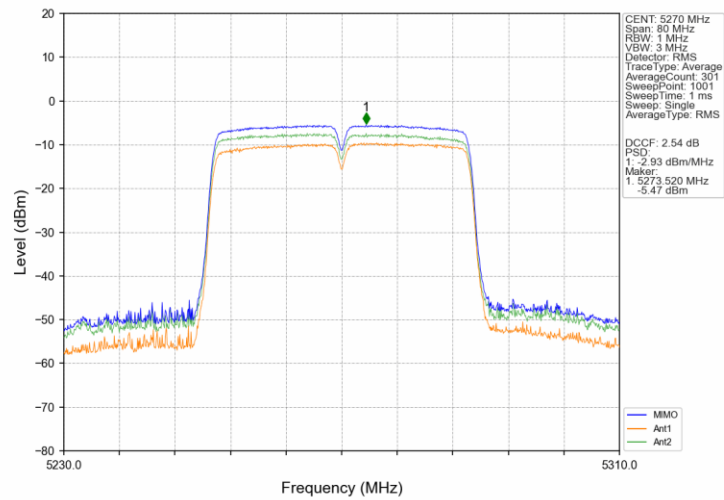
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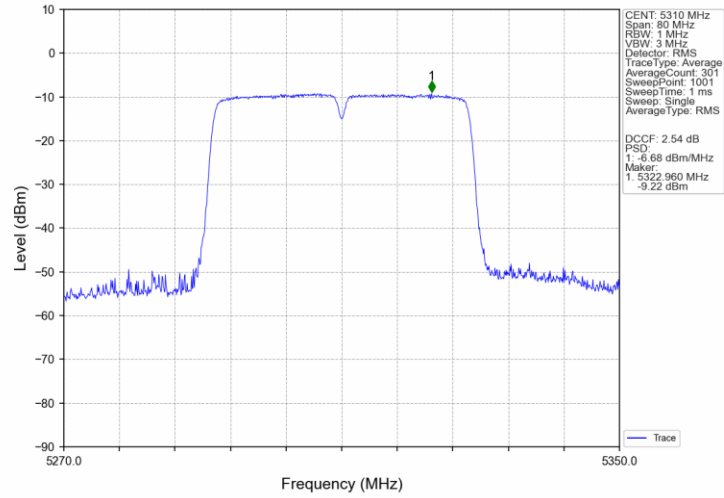
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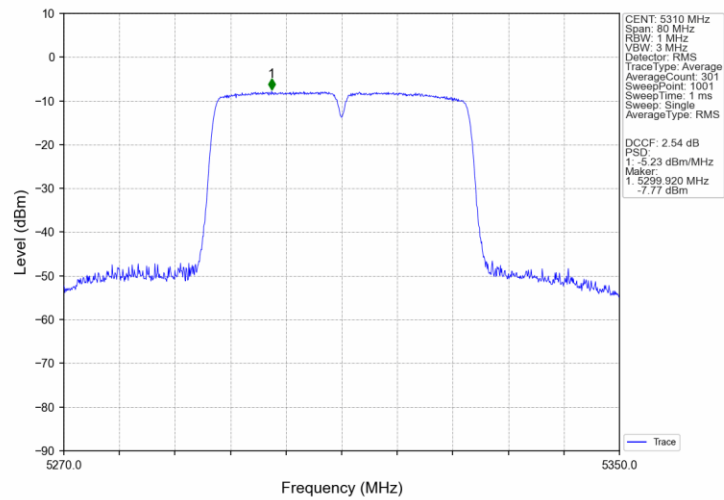
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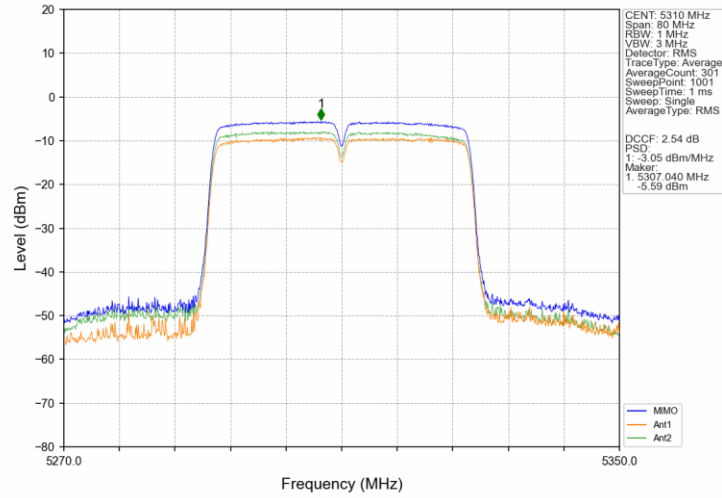
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



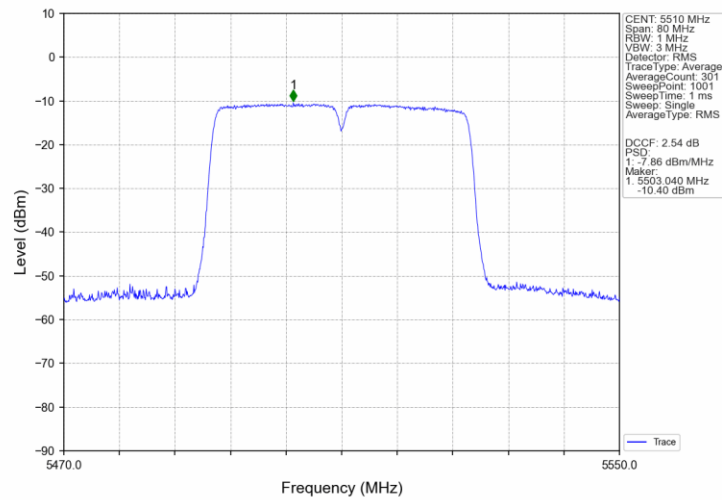
802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



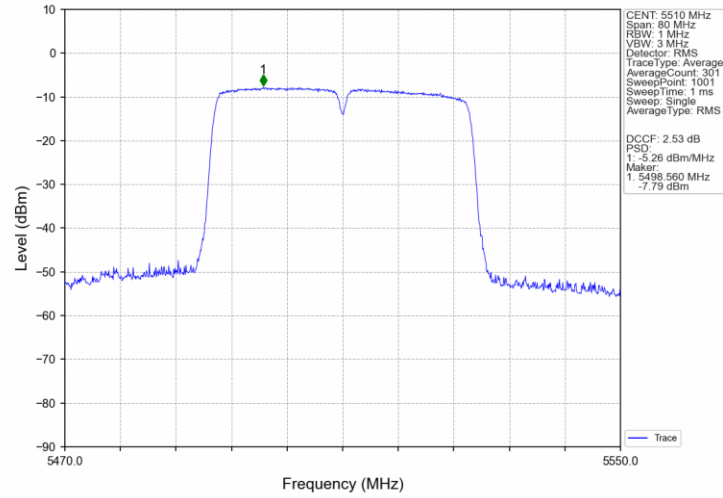
802.11n(HT40)_HCH_5310MHz_MIMO_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



802.11n(HT40)_LCH_5510MHz_MIMO_NTNV

