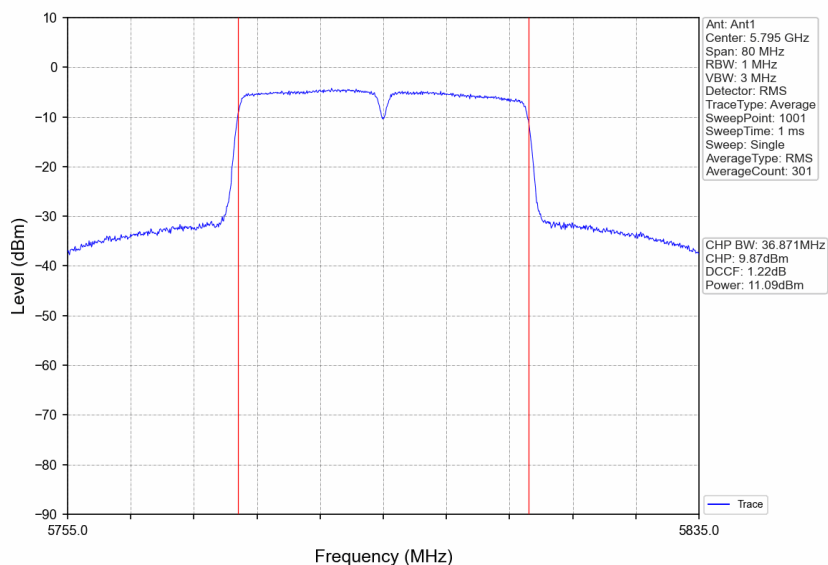
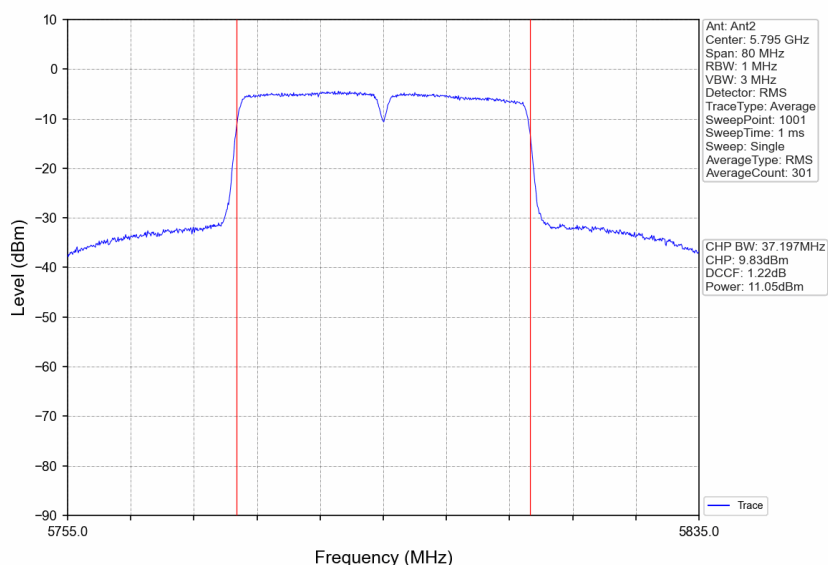


802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT40) HCH 5795MHz Ant2 NTNV



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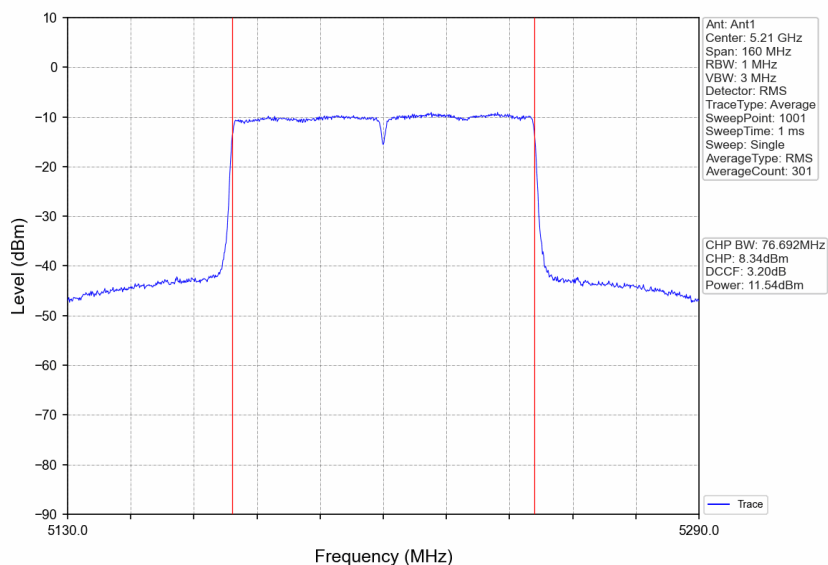
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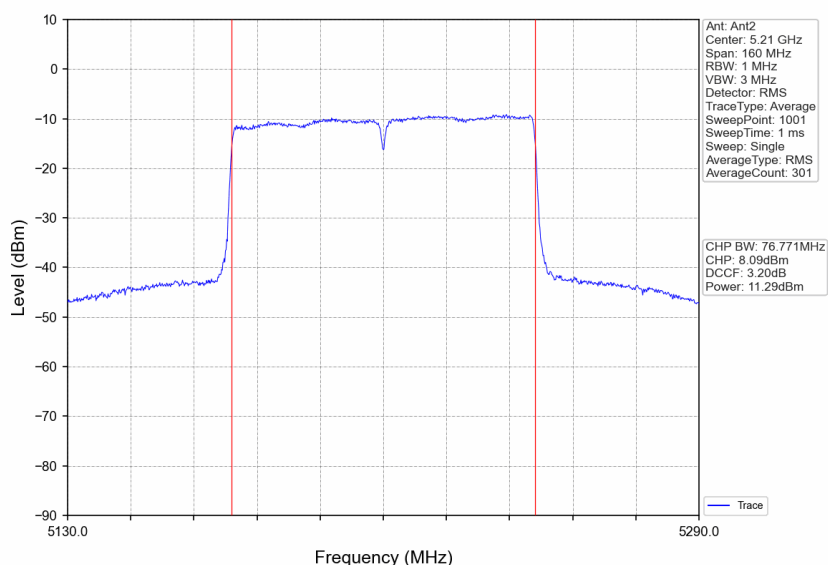
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802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



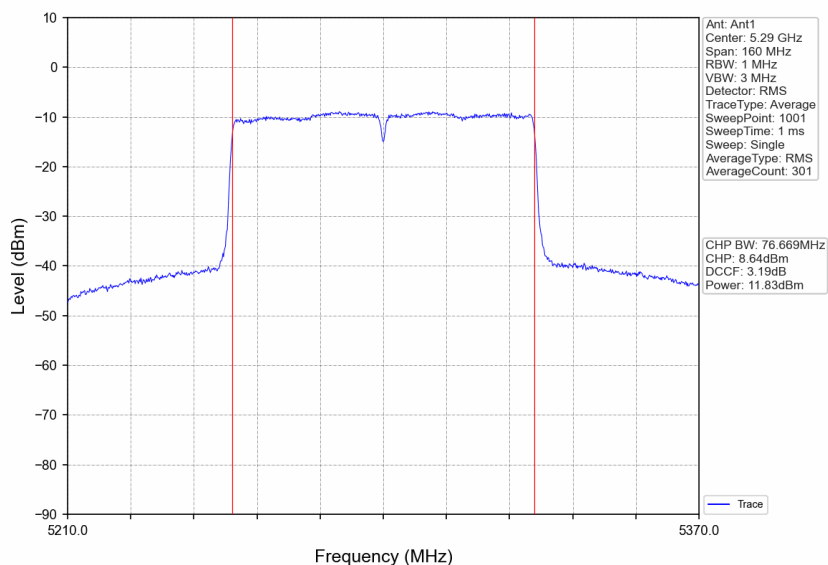
802.11ac(VHT80) MCH 5210MHz Ant2 NTNV



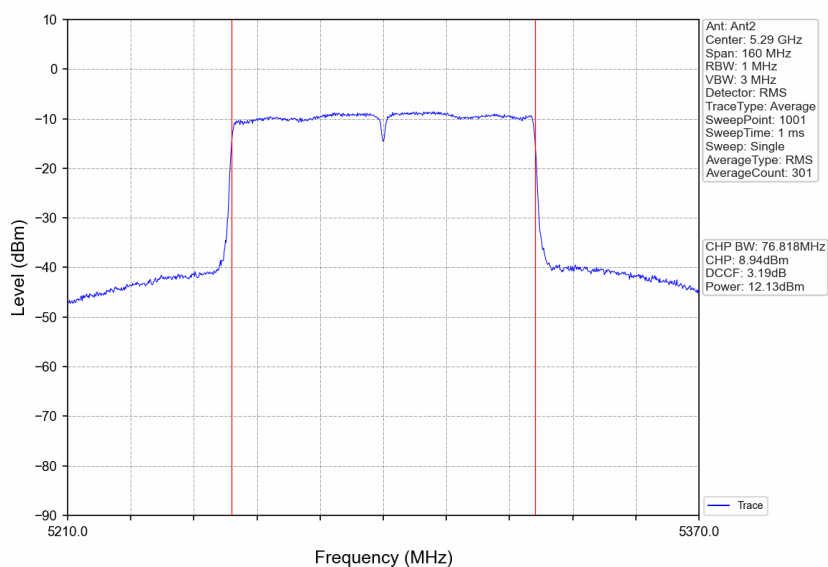
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802.11ac(VHT80) MCH 5290MHz Ant1 NTNV



802.11ac(VHT80) MCH 5290MHz Ant2 NTNV



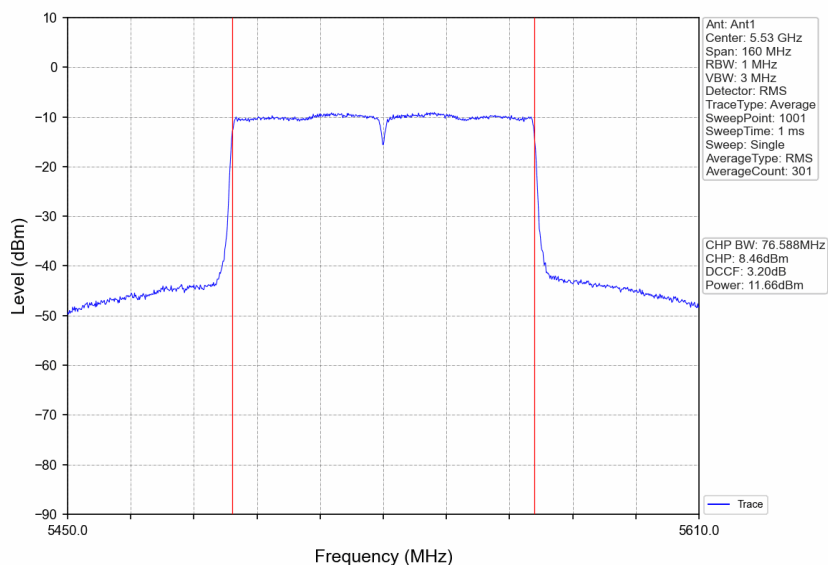
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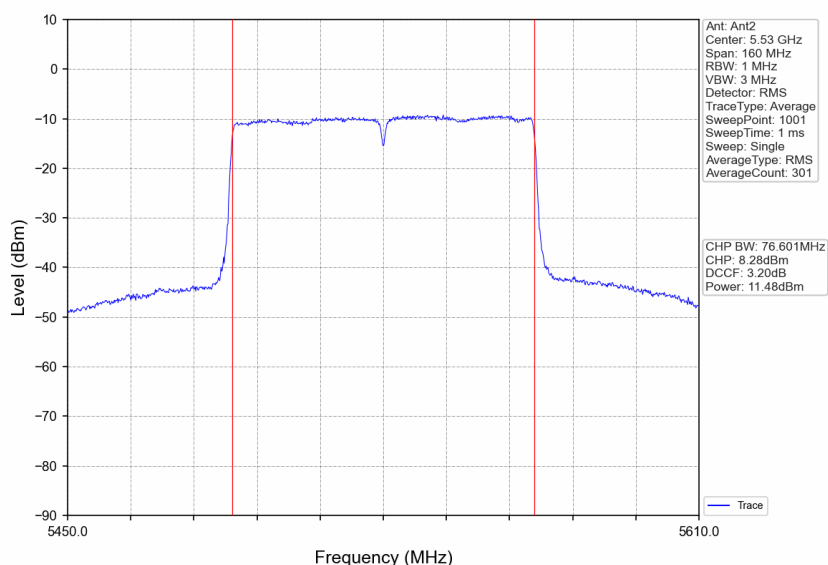
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802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant2_NTNV



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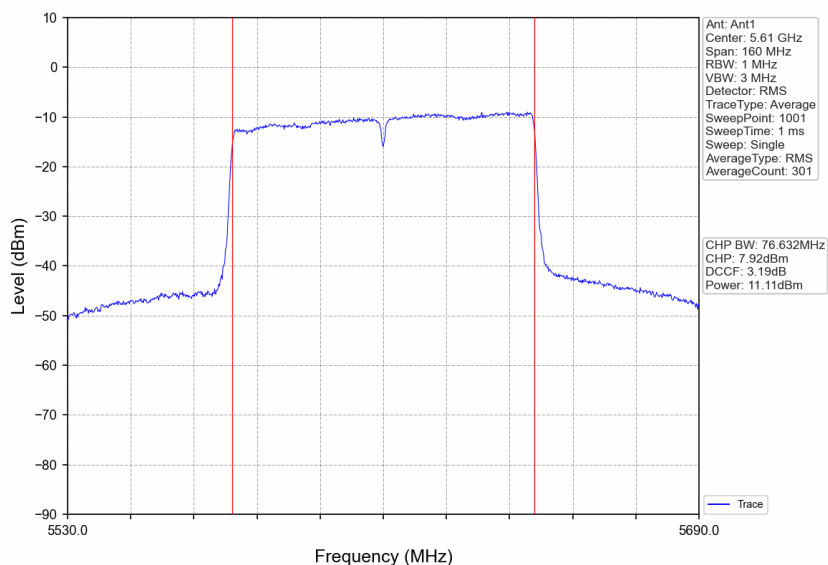
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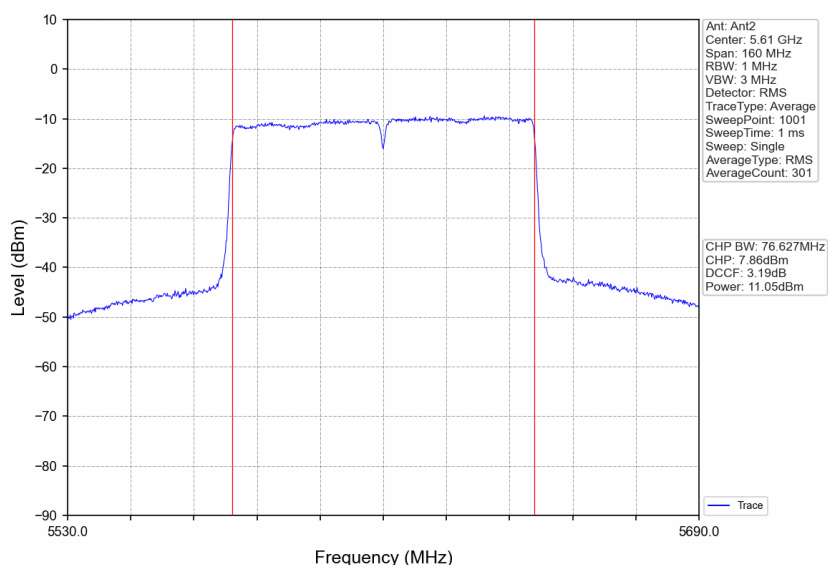
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802.11ac(VHT80) HCH 5610MHz Ant1 NTV



802.11ac(VHT80) HCH 5610MHz Ant2 NTV



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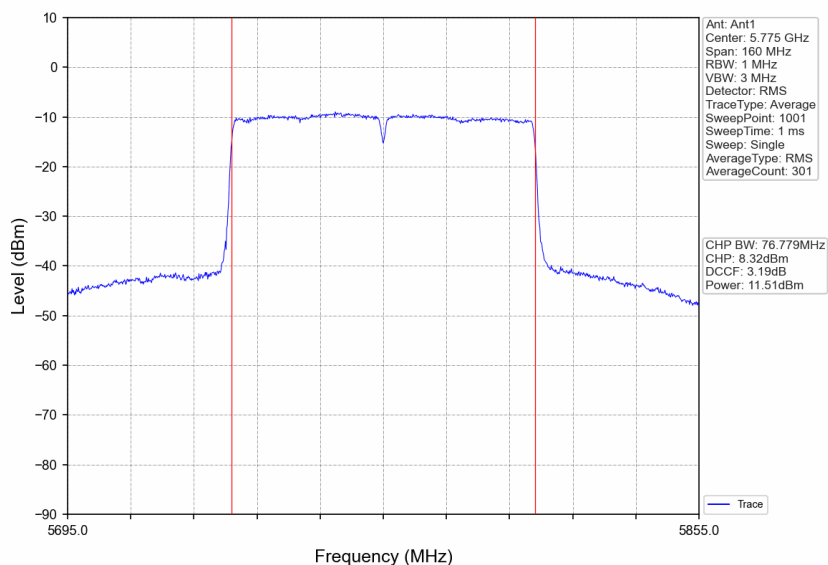
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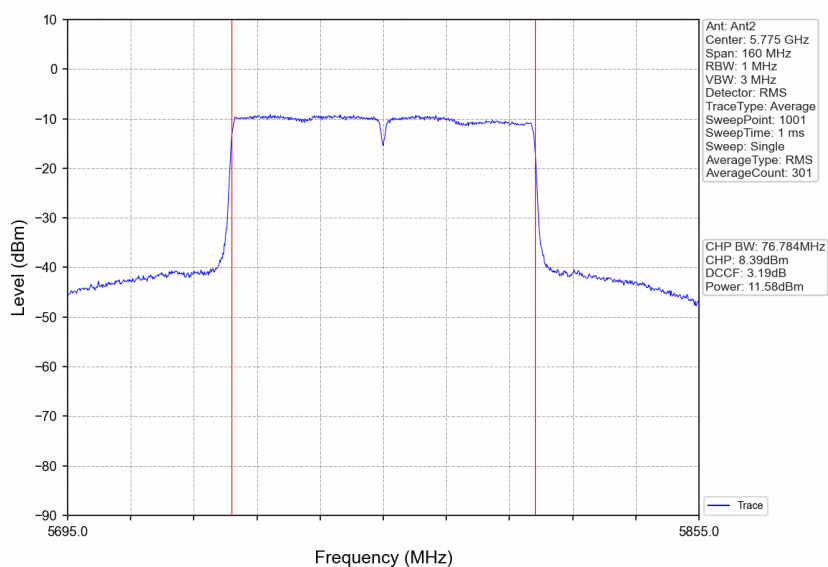
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802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



802.11ac(VHT80) MCH 5775MHz Ant2 NTNV



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result For FCC

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)					Verdict
			Ant1	Ant2	MIMO	Limit		
						Ant 1	Ant 2	
802.11a	SISO	5180	4.22	4.12	/	<=11	<=10.19	Pass
		5200	3.95	3.93	/	<=11	<=10.19	Pass
		5240	3.49	3.45	/	<=11	<=10.19	Pass
		5260	4.09	3.20	/	<=11	<=10.19	Pass
		5300	4.41	3.60	/	<=11	<=10.19	Pass
		5320	3.86	3.24	/	<=11	<=10.19	Pass
		5500	4.53	3.75	/	<=11	<=10.19	Pass
		5580	4.01	3.81	/	<=11	<=10.19	Pass
	5700	3.95	2.93	/	<=11	<=10.19	Pass	
802.11n (HT20)	MIMO	5180	1.74	1.14	4.38	<=8.08		Pass
		5200	1.08	0.92	3.90	<=8.08		Pass
		5240	1.15	0.87	3.91	<=8.08		Pass
		5260	1.30	1.16	4.12	<=8.08		Pass
		5300	1.32	1.09	4.14	<=8.08		Pass
		5320	0.93	0.87	3.88	<=8.08		Pass
		5500	0.70	0.92	3.79	<=8.08		Pass
		5580	0.20	1.10	3.54	<=8.08		Pass
	5700	1.16	1.19	4.08	<=8.08		Pass	
802.11n (HT40)	MIMO	5190	-2.90	-2.99	-0.18	<=8.08		Pass
		5230	-3.57	-3.35	-0.64	<=8.08		Pass
		5270	-2.45	-2.46	0.47	<=8.08		Pass
		5310	-3.09	-3.02	-0.37	<=8.08		Pass
		5510	-3.01	-3.01	-0.28	<=8.08		Pass
		5550	-2.26	-2.17	0.70	<=8.08		Pass
		5670	-2.55	-2.72	0.11	<=8.08		Pass
802.11ac (VHT20)	MIMO	5180	0.84	0.96	3.79	<=8.08		Pass
		5200	1.03	0.97	4.01	<=8.08		Pass
		5240	0.63	1.11	3.78	<=8.08		Pass
		5260	0.91	1.06	3.93	<=8.08		Pass
		5300	1.18	1.03	3.99	<=8.08		Pass
		5320	0.69	0.54	3.61	<=8.08		Pass
		5500	0.92	0.90	3.80	<=8.08		Pass
		5580	0.77	0.77	3.72	<=8.08		Pass
	5700	0.76	0.92	3.77	<=8.08		Pass	
802.11ac (VHT40)	MIMO	5190	-3.54	-3.47	-0.68	<=8.08		Pass
		5230	-3.90	-3.69	-0.83	<=8.08		Pass
		5270	-2.93	-3.03	-0.01	<=8.08		Pass
		5310	-3.42	-3.70	-0.68	<=8.08		Pass
		5510	-2.46	-3.00	0.19	<=8.08		Pass
		5550	-2.34	-3.51	-0.03	<=8.08		Pass
		5670	-3.78	-2.61	-0.23	<=8.08		Pass
802.11ac (VHT80)	MIMO	5210	-5.77	-6.02	-3.03	<=8.08		Pass
		5290	-5.33	-5.01	-2.23	<=8.08		Pass
		5530	-6.09	-6.05	-3.25	<=8.08		Pass
		5610	-6.19	-6.00	-3.23	<=8.08		Pass

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Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;
Note2: Directional Gain: 8.92dBi

4.1.2 Test Result For IC

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)					Verdict
			Ant1	Ant2	MIMO	Limit		
						Ant 1	Ant 2	
802.11a	SISO	5260	4.09	3.20	/	<=11	<=10.19	Pass
		5300	4.41	3.60	/	<=11	<=10.19	Pass
		5320	3.86	3.24	/	<=11	<=10.19	Pass
		5500	4.53	3.75	/	<=11	<=10.19	Pass
		5580	4.01	3.81	/	<=11	<=10.19	Pass
		5700	3.95	2.93	/	<=11	<=10.19	Pass
802.11n (HT20)	MIMO	5260	1.30	1.16	4.12	<=8.08		Pass
		5300	1.32	1.09	4.14	<=8.08		Pass
		5320	0.93	0.87	3.88	<=8.08		Pass
		5500	0.70	0.92	3.79	<=8.08		Pass
		5580	0.20	1.10	3.54	<=8.08		Pass
		5700	1.16	1.19	4.08	<=8.08		Pass
802.11n (HT40)	MIMO	5270	-2.45	-2.46	0.47	<=8.08		Pass
		5310	-3.09	-3.02	-0.37	<=8.08		Pass
		5510	-3.01	-3.01	-0.28	<=8.08		Pass
		5550	-2.26	-2.17	0.70	<=8.08		Pass
		5670	-2.55	-2.72	0.11	<=8.08		Pass
802.11ac (VHT20)	MIMO	5260	0.91	1.06	3.93	<=8.08		Pass
		5300	1.18	1.03	3.99	<=8.08		Pass
		5320	0.69	0.54	3.61	<=8.08		Pass
		5500	0.92	0.90	3.80	<=8.08		Pass
		5580	0.77	0.77	3.72	<=8.08		Pass
		5700	0.76	0.92	3.77	<=8.08		Pass
802.11ac (VHT40)	MIMO	5270	-2.93	-3.03	-0.01	<=8.08		Pass
		5310	-3.42	-3.70	-0.68	<=8.08		Pass
		5510	-2.46	-3.00	0.19	<=8.08		Pass
		5550	-2.34	-3.51	-0.03	<=8.08		Pass
		5670	-3.78	-2.61	-0.23	<=8.08		Pass
802.11ac (VHT80)	MIMO	5210	-5.77	-6.02	-3.03	<=8.08		Pass
		5290	-5.33	-5.01	-2.23	<=8.08		Pass
		5530	-6.09	-6.05	-3.25	<=8.08		Pass

Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;
Note2: Directional Gain: 8.92dBi



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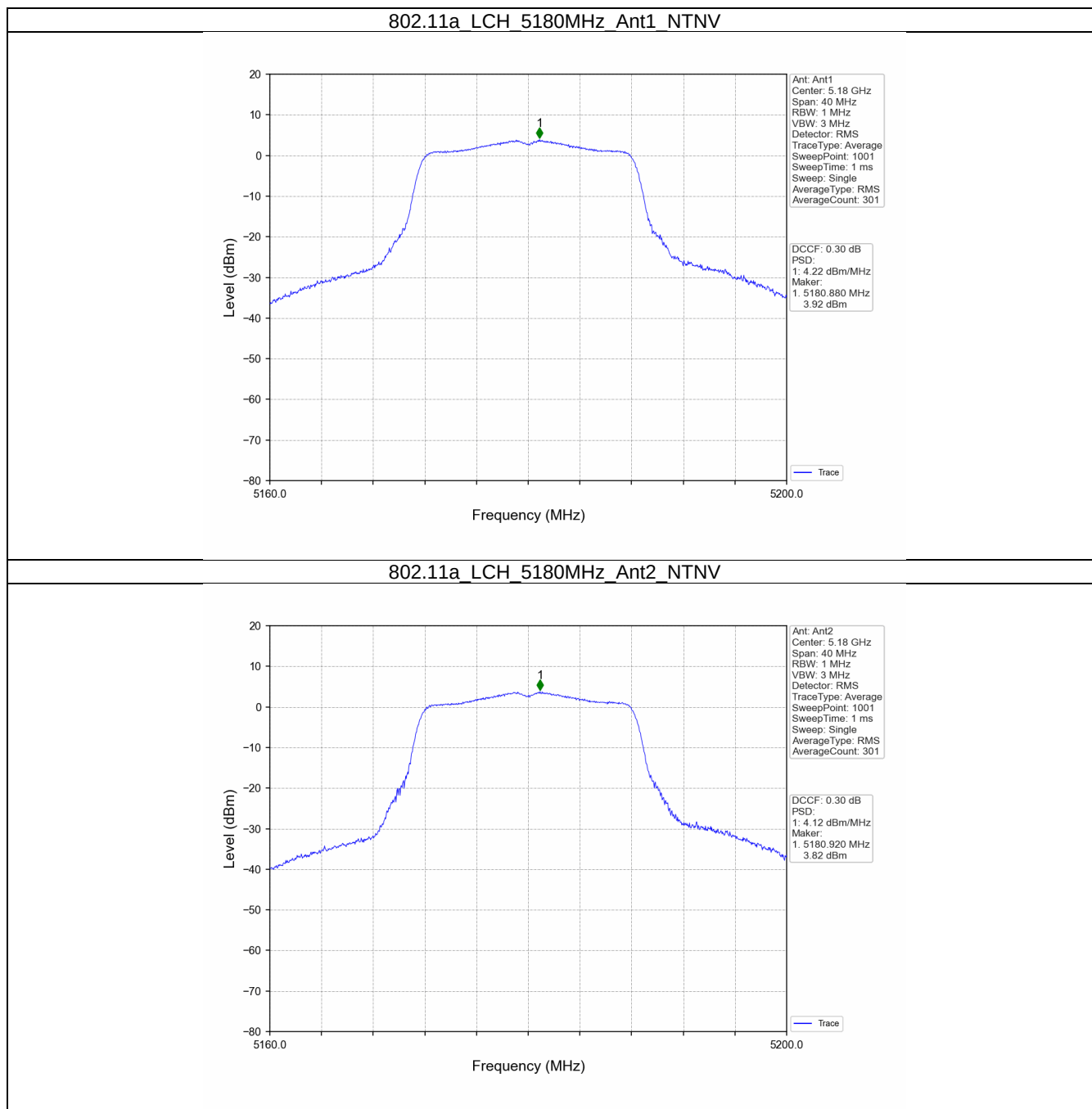
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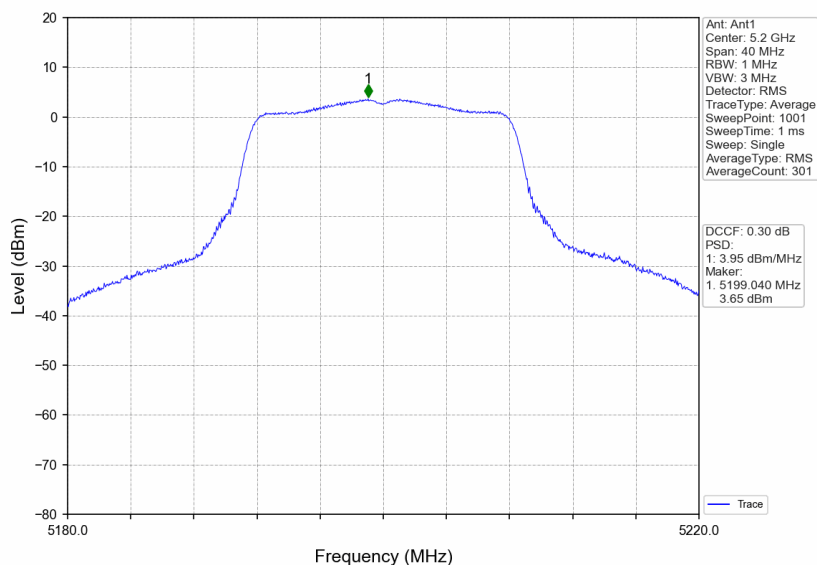
4.1.3 Test Graph



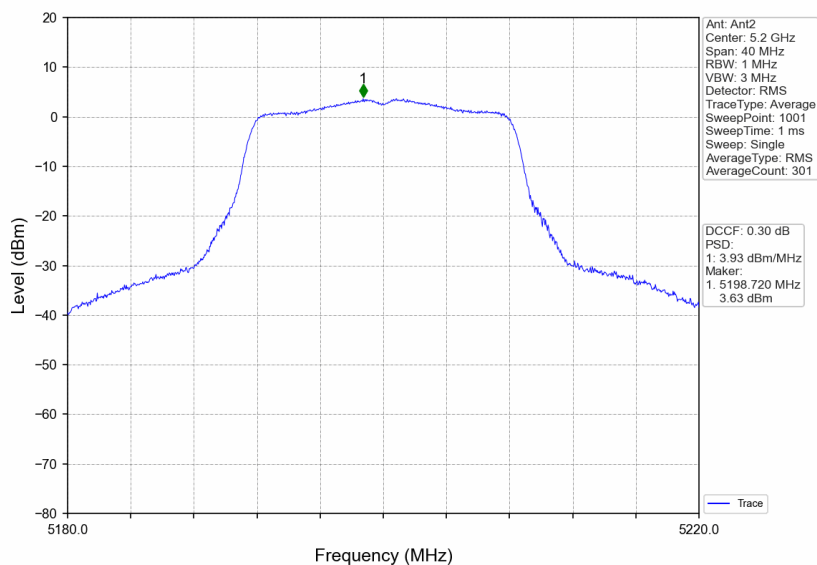
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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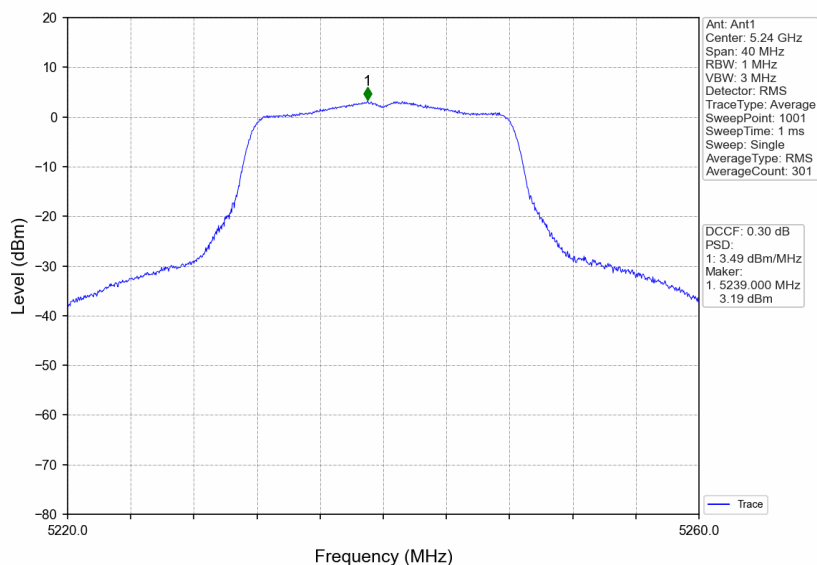
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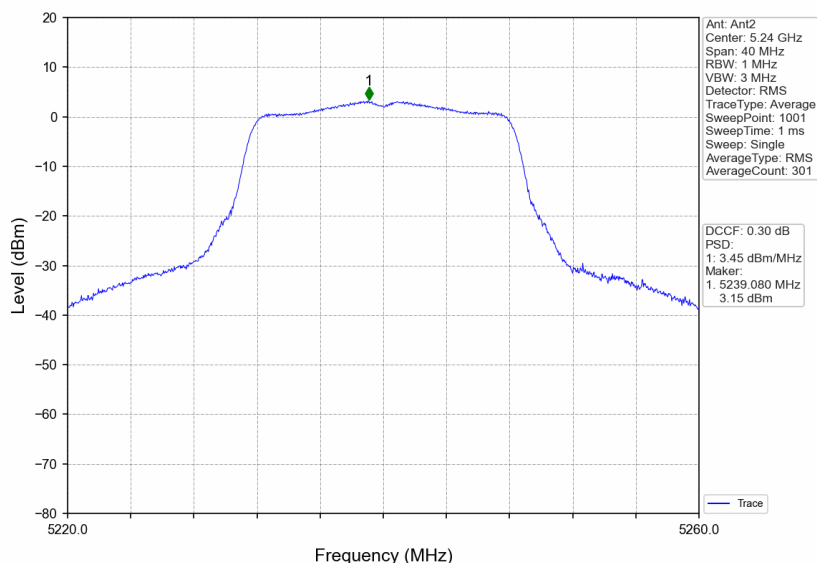
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



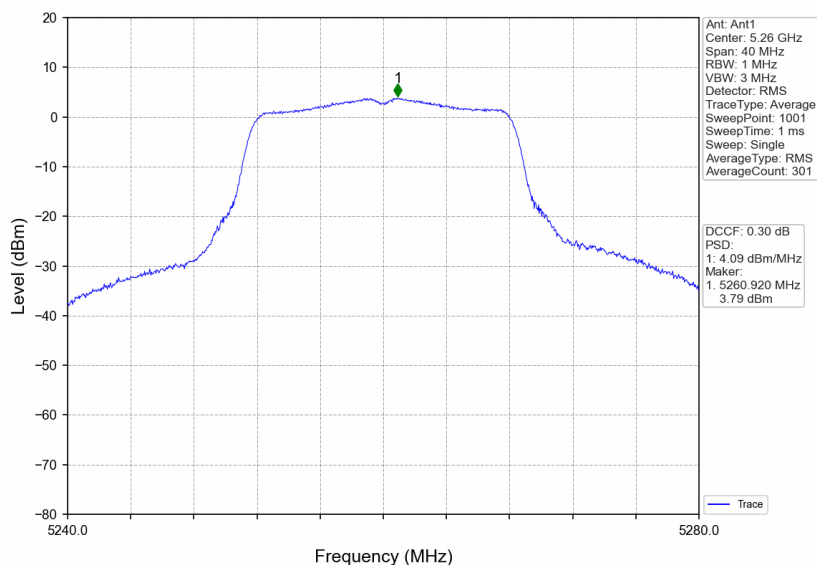
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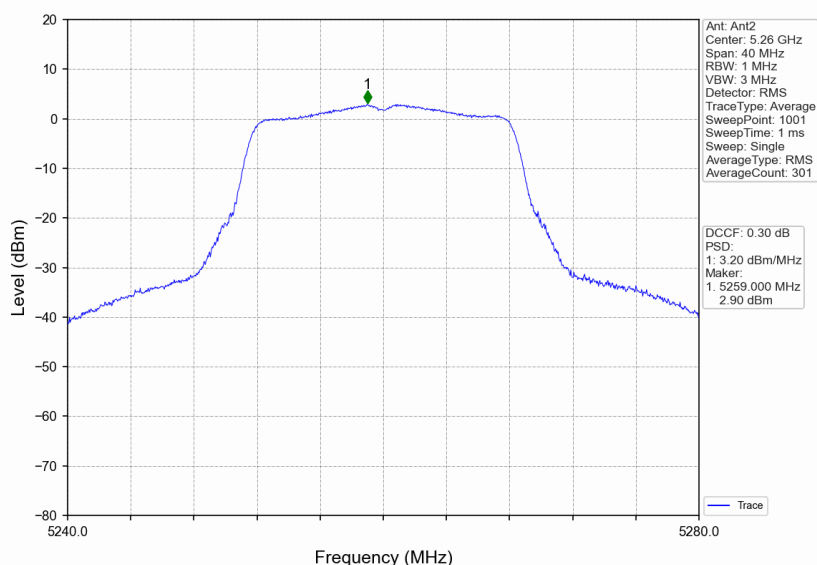
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802.11a LCH_5260MHz_Ant1_NTNV



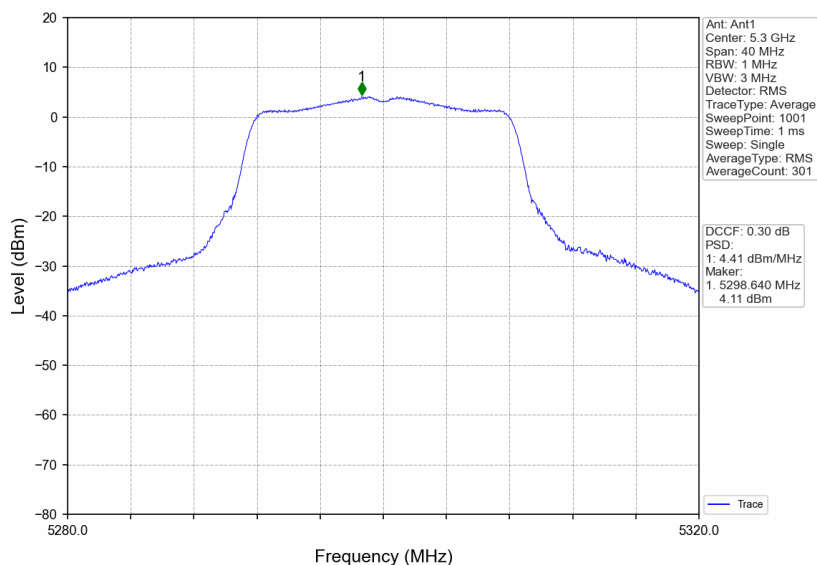
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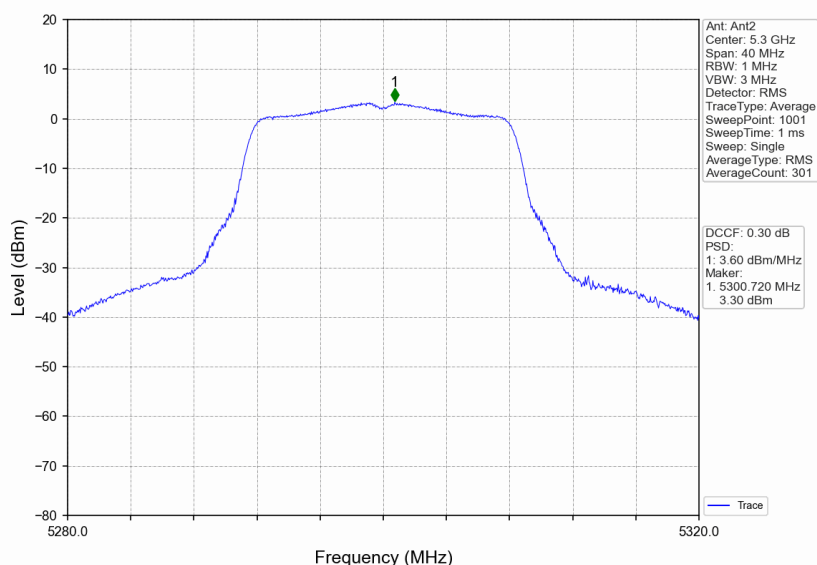
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



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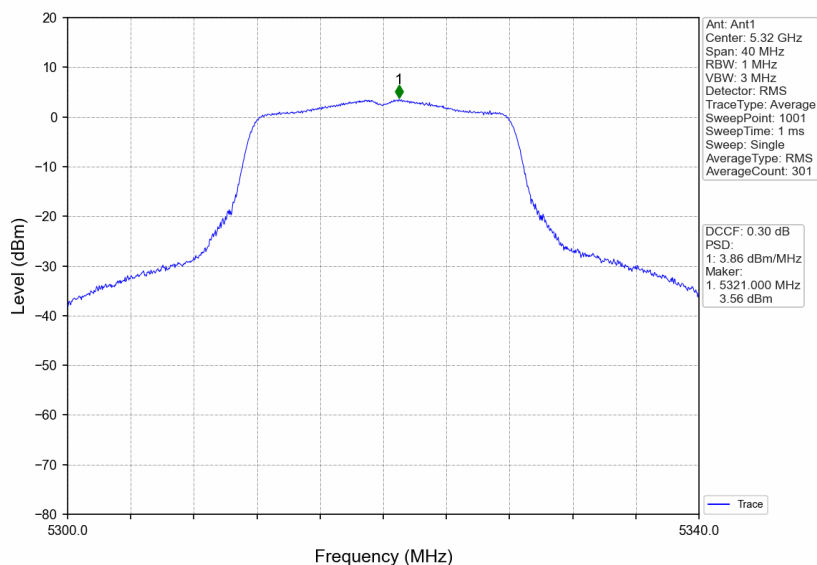
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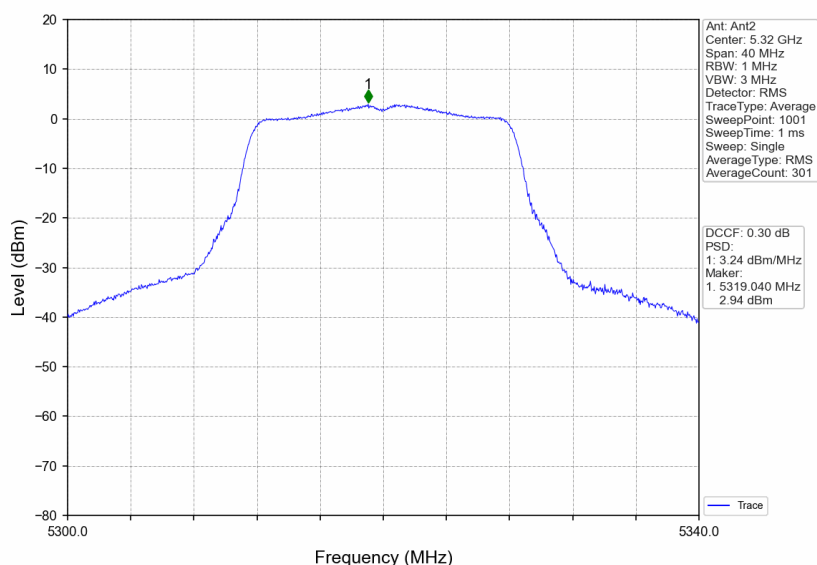
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802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



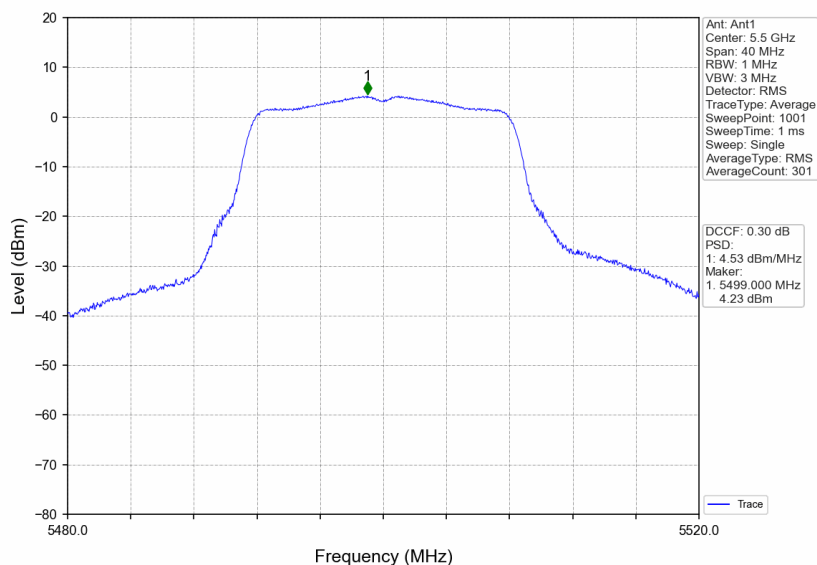
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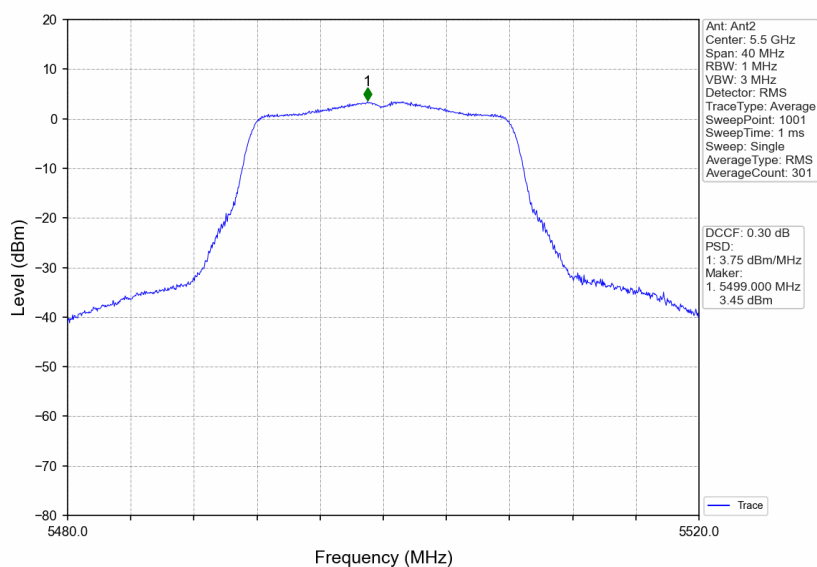
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802.11a_LCH_5500MHz_Ant1_NTNV



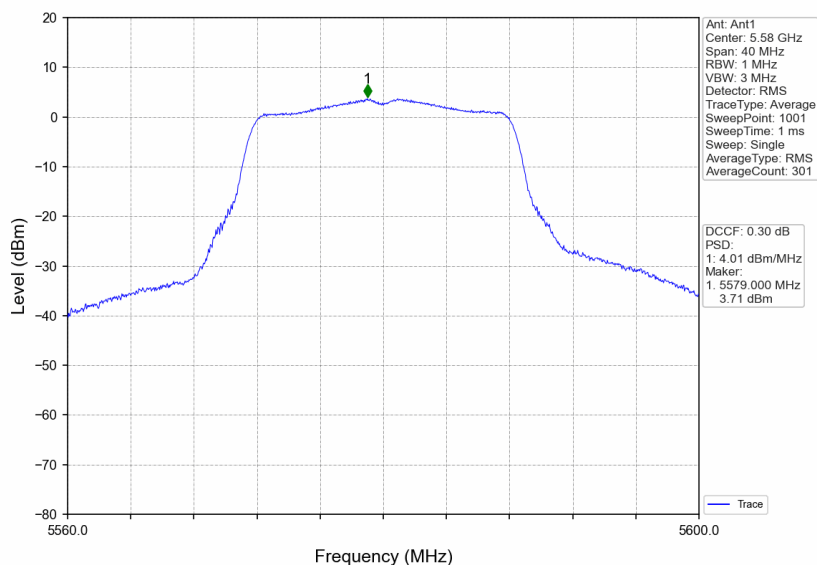
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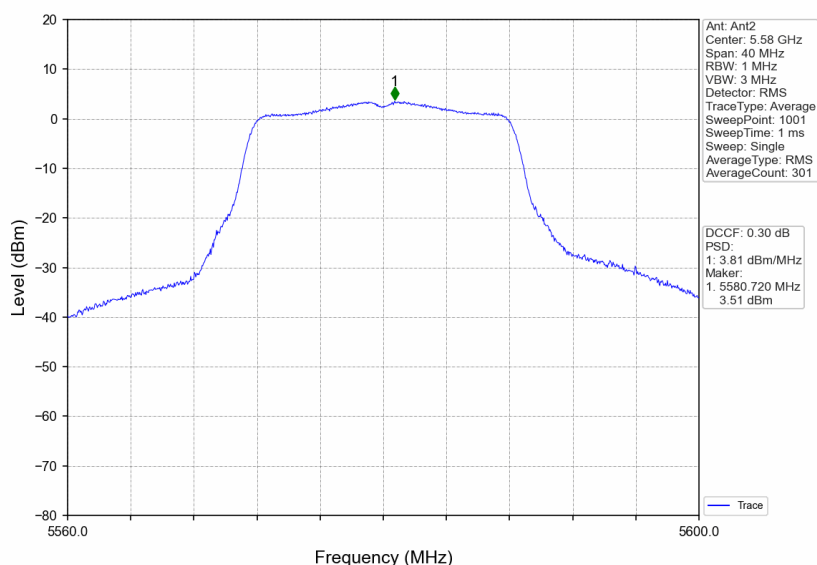
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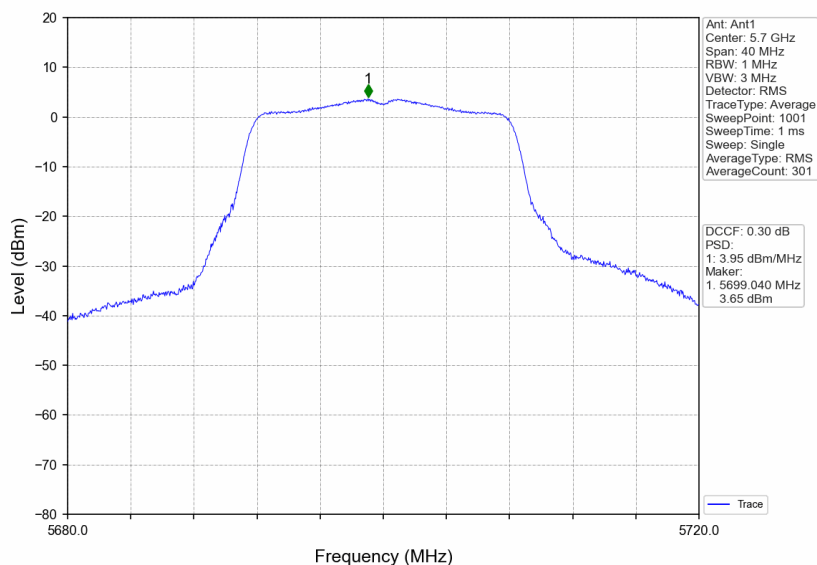
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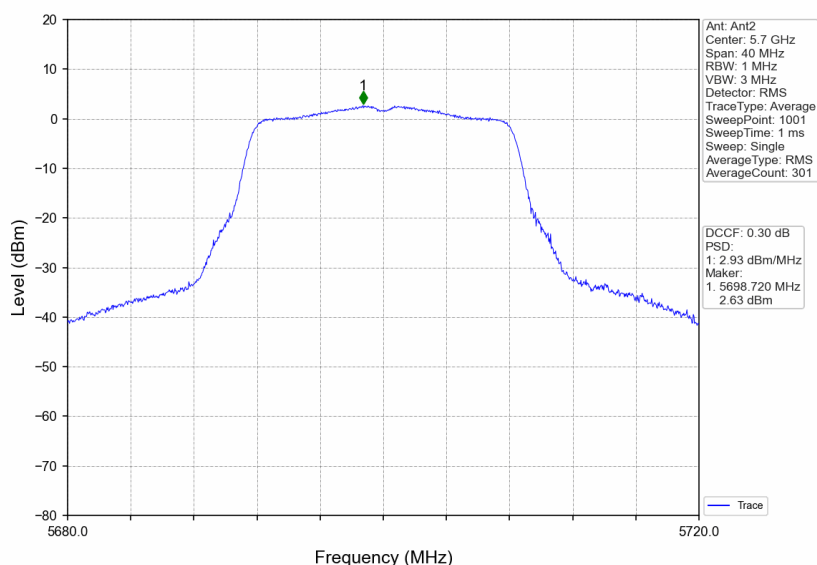
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802.11a_HCH_5700MHz_Ant1_NTNV



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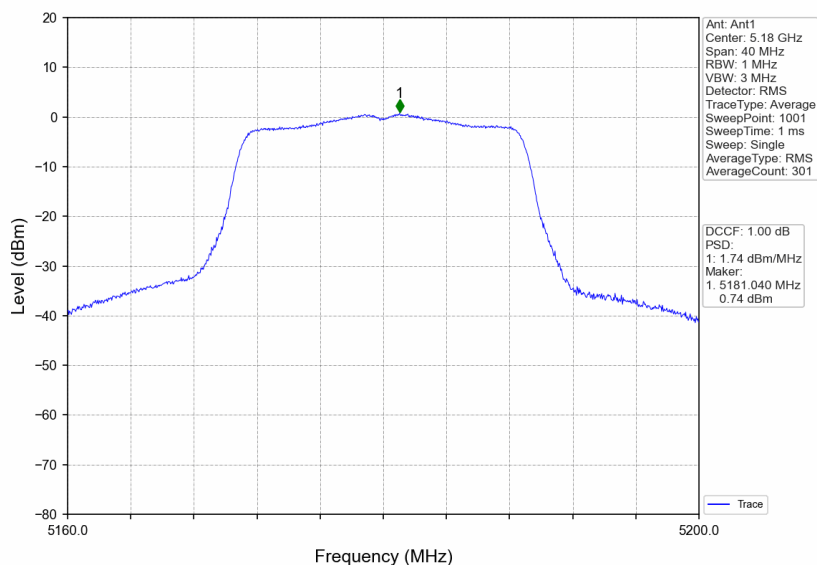
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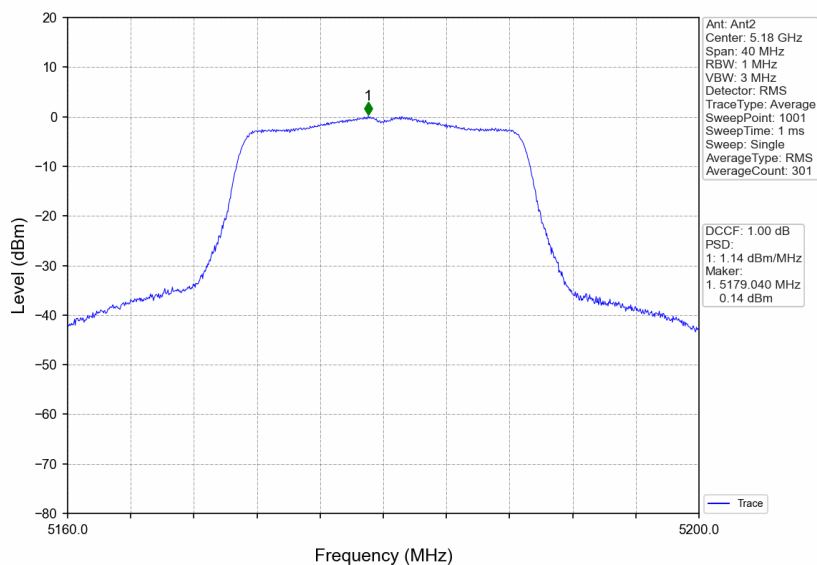
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802.11n(HT20) LCH 5180MHz Ant1 NTNV



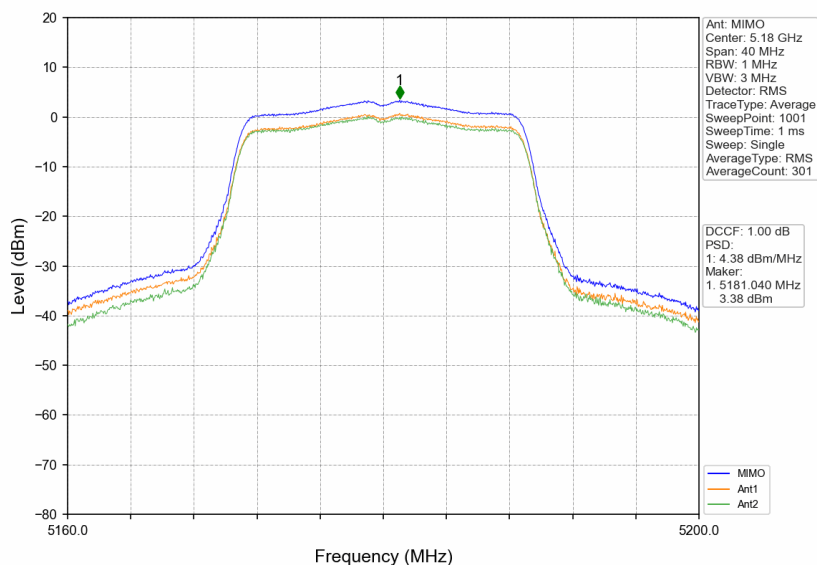
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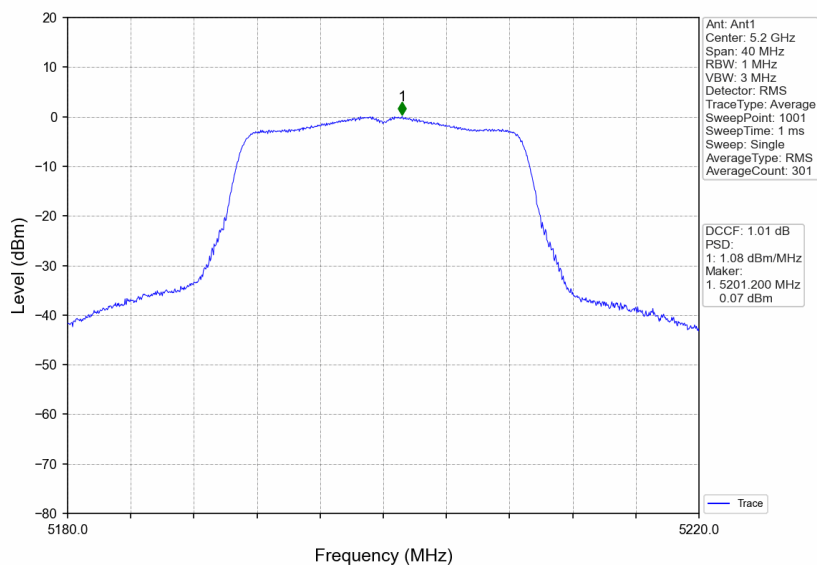
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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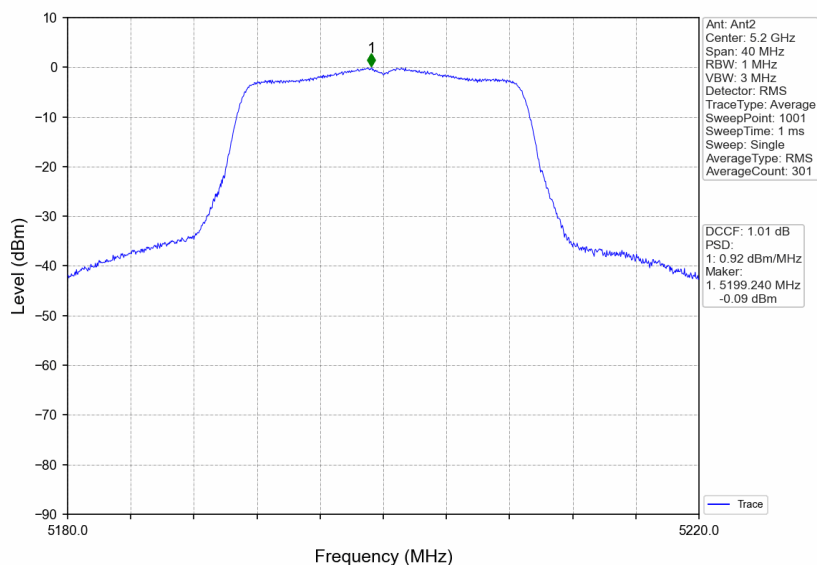
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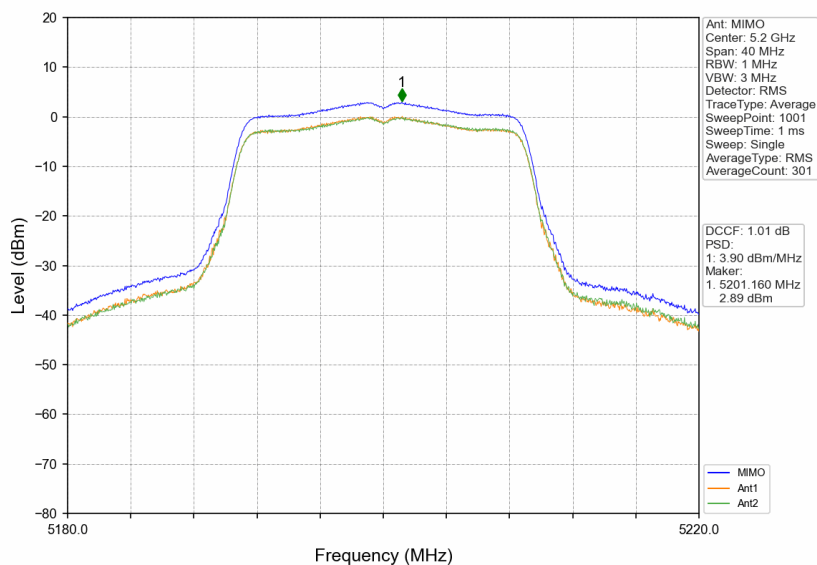
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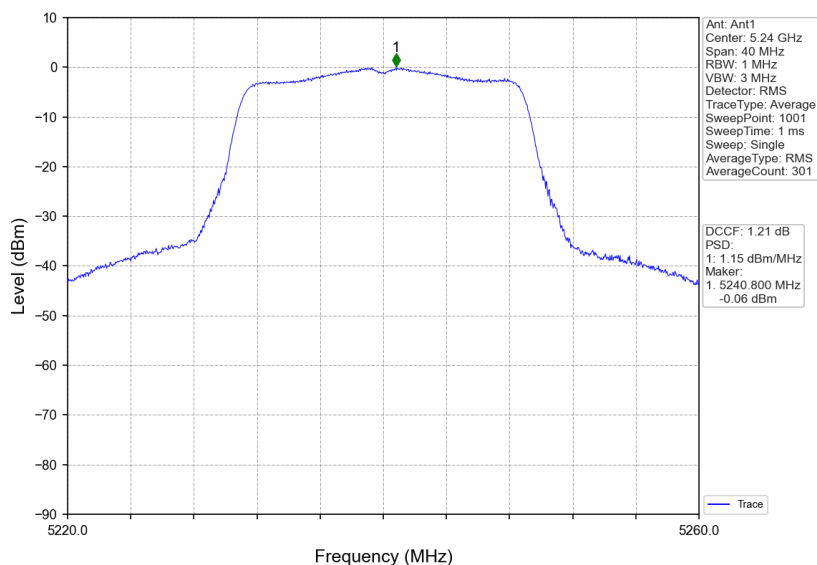
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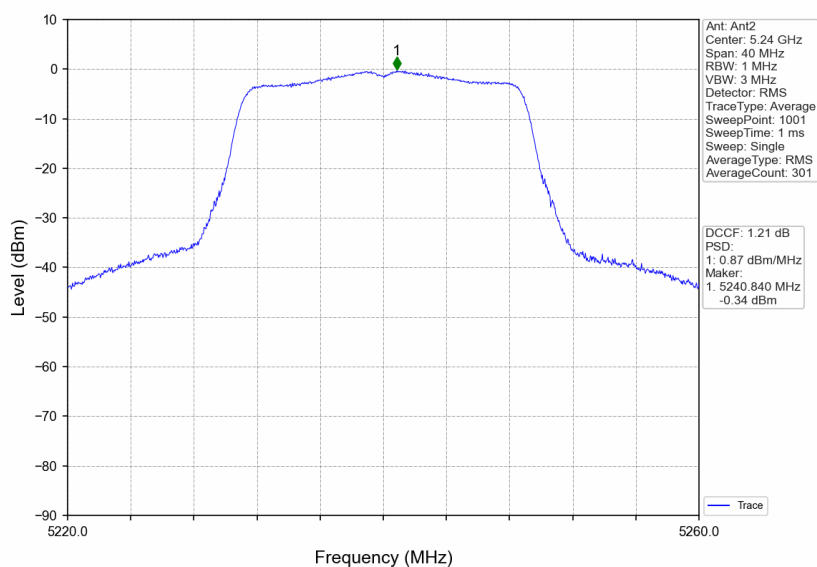
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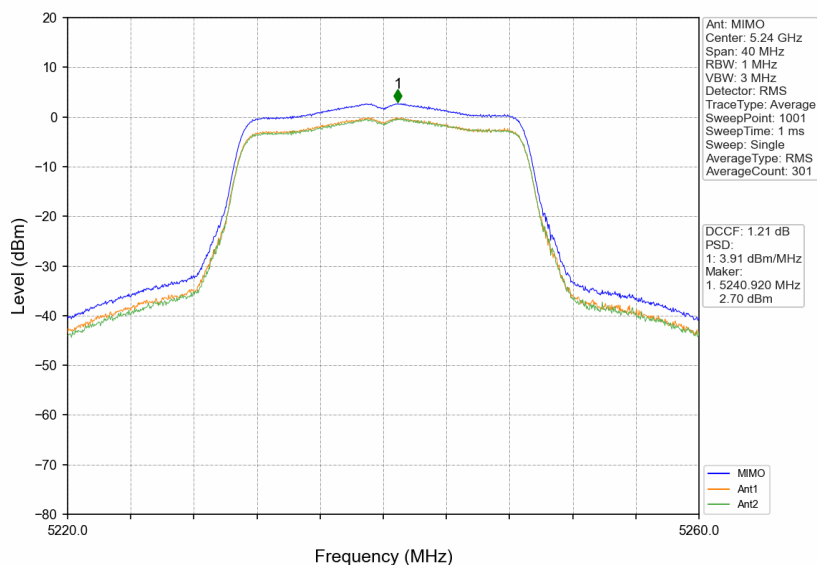
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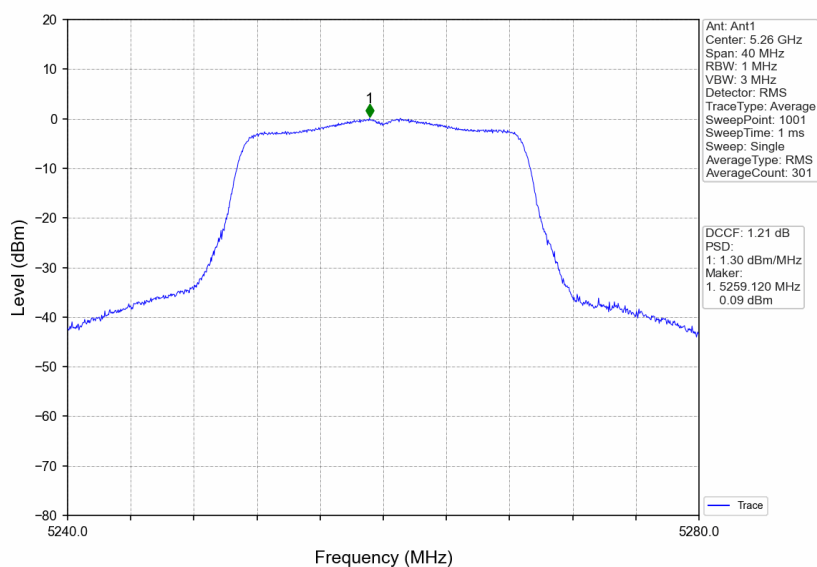
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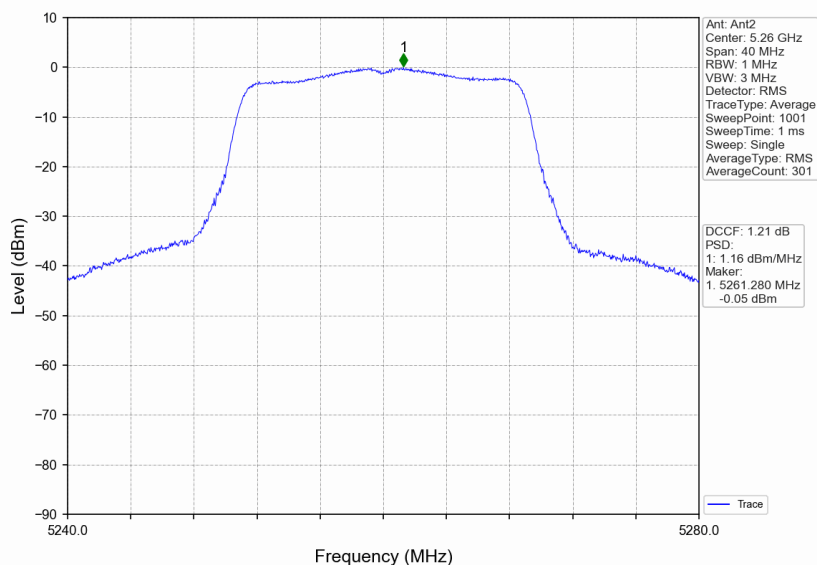
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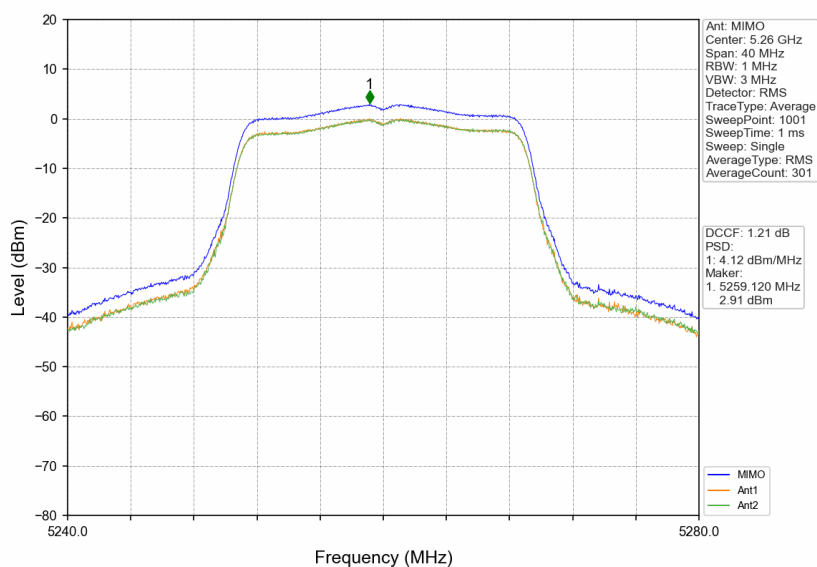
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802.11n(HT20) LCH_5260MHz_Ant2_NTNV



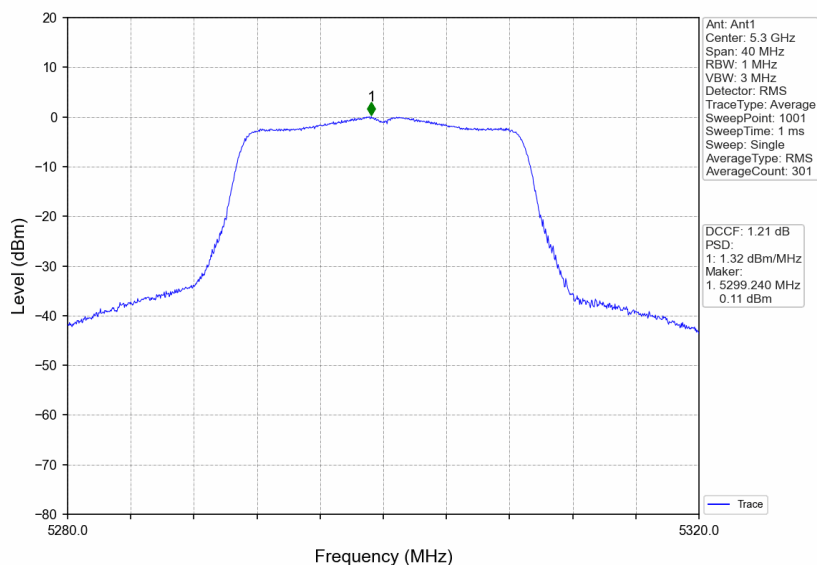
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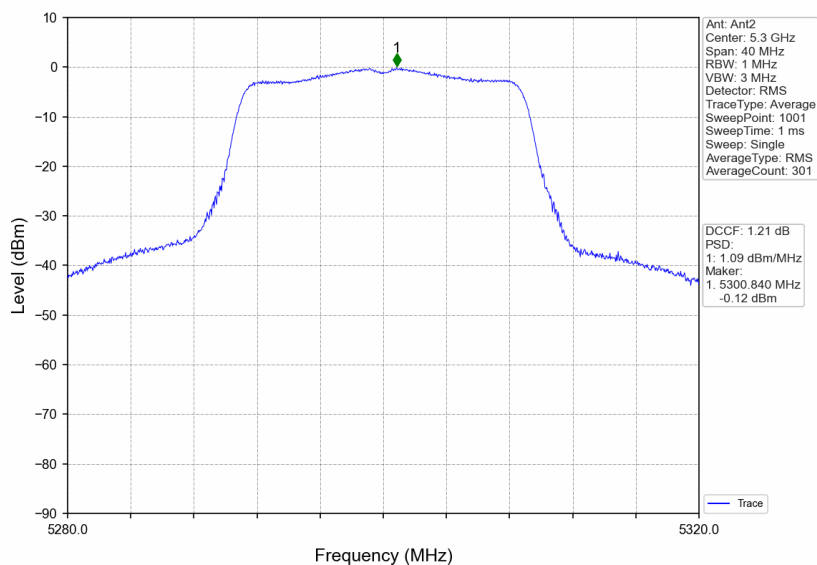
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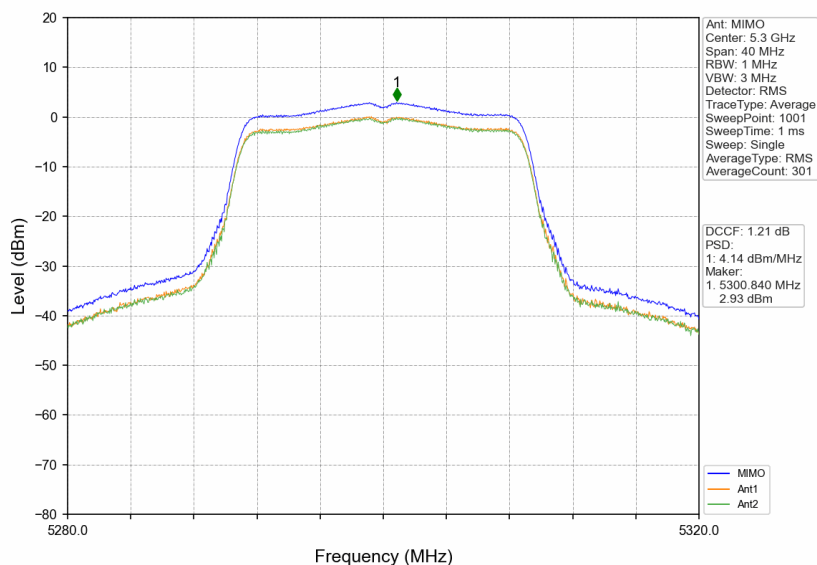
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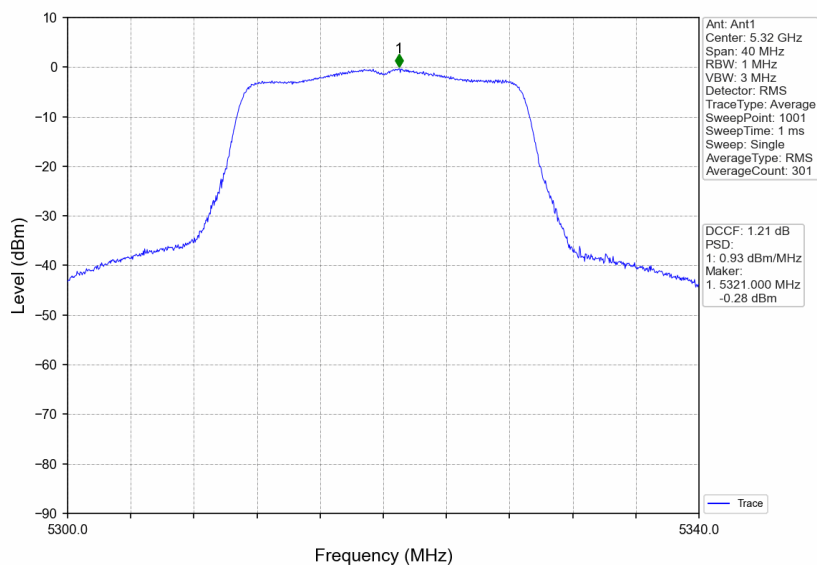
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802.11n(HT20)_MCH_5300MHz_MIMO_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



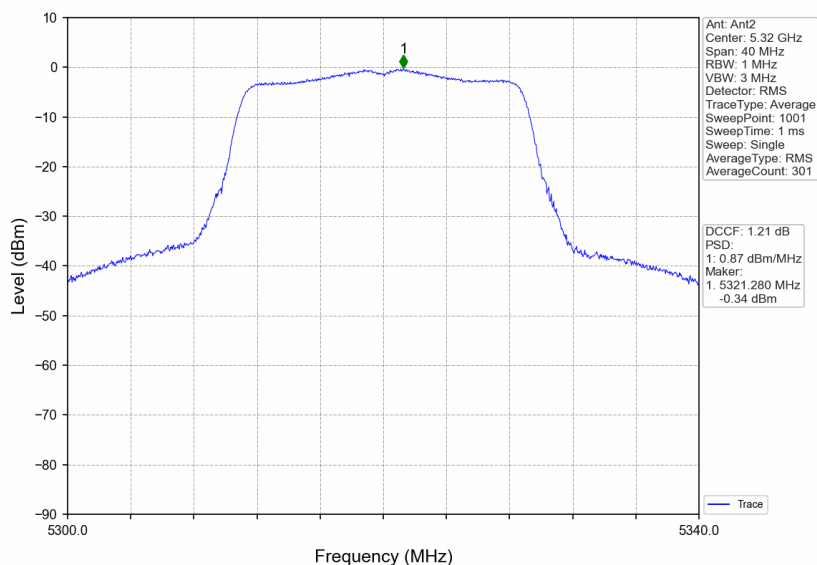
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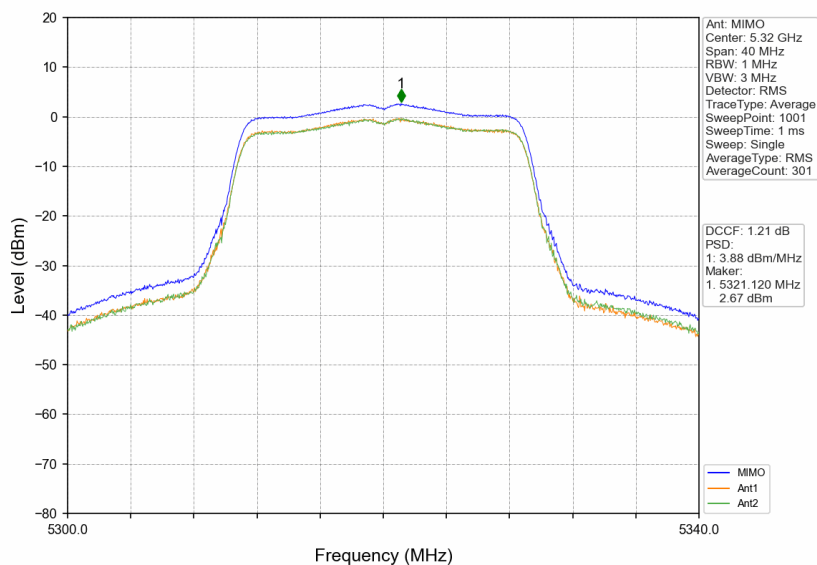
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802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



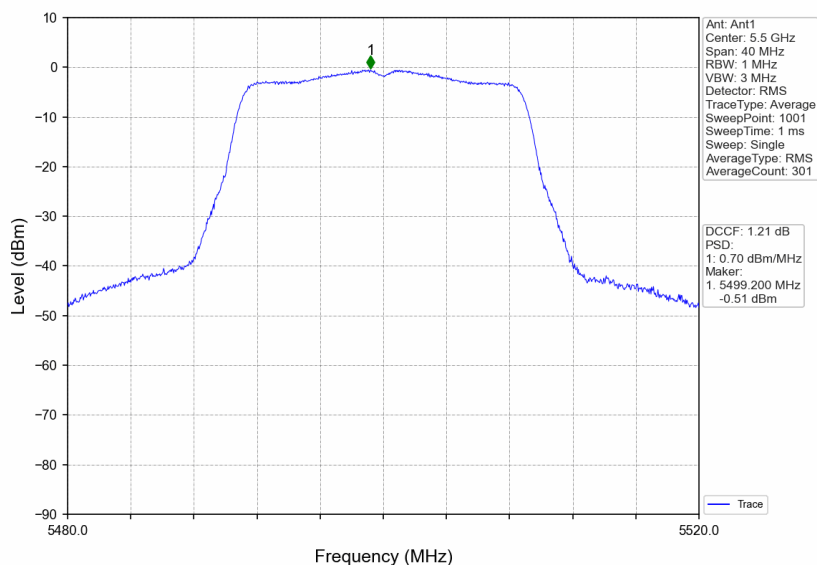
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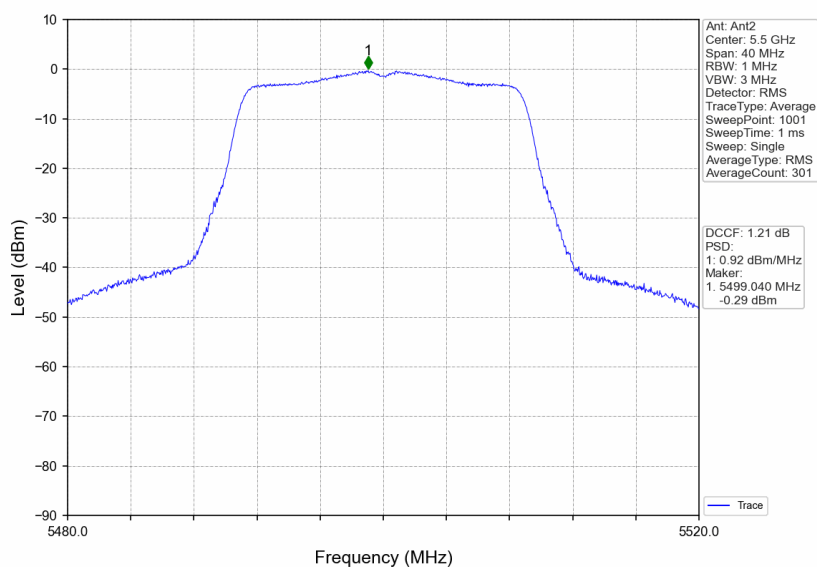
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802.11n(HT20) LCH 5500MHz Ant1 NTN



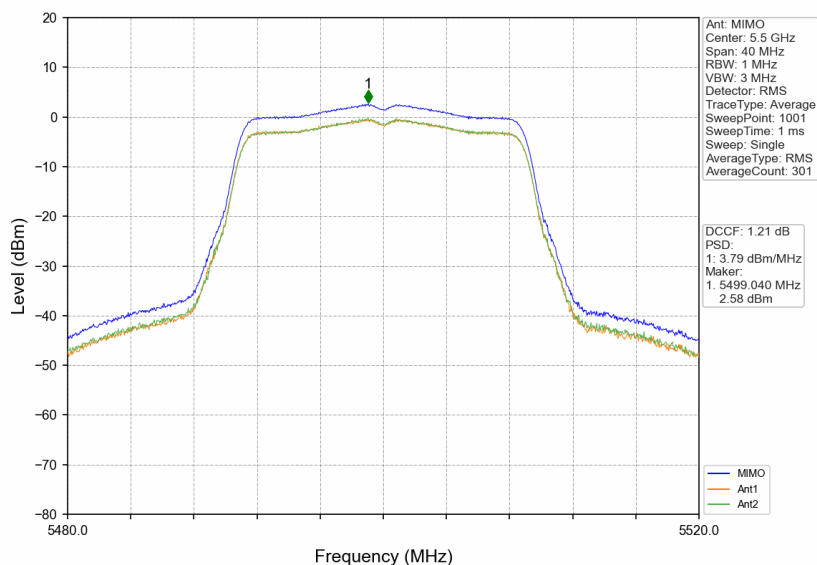
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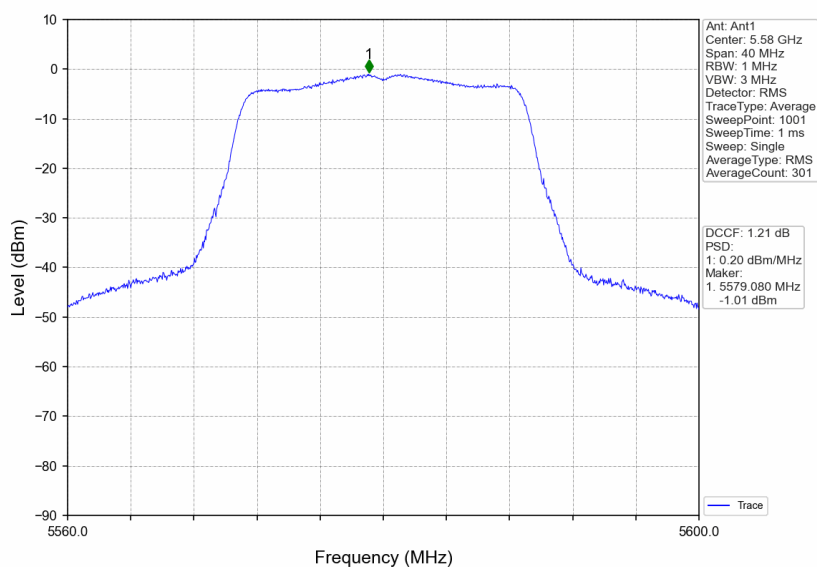
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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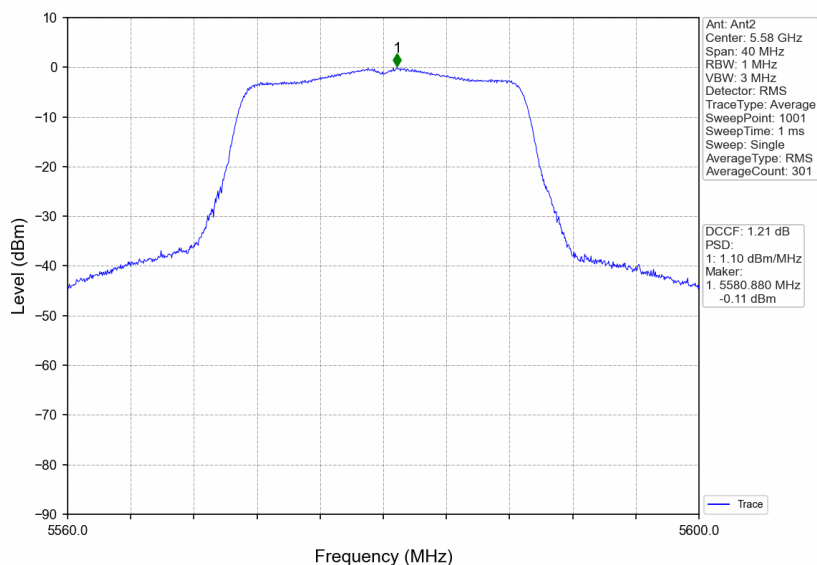
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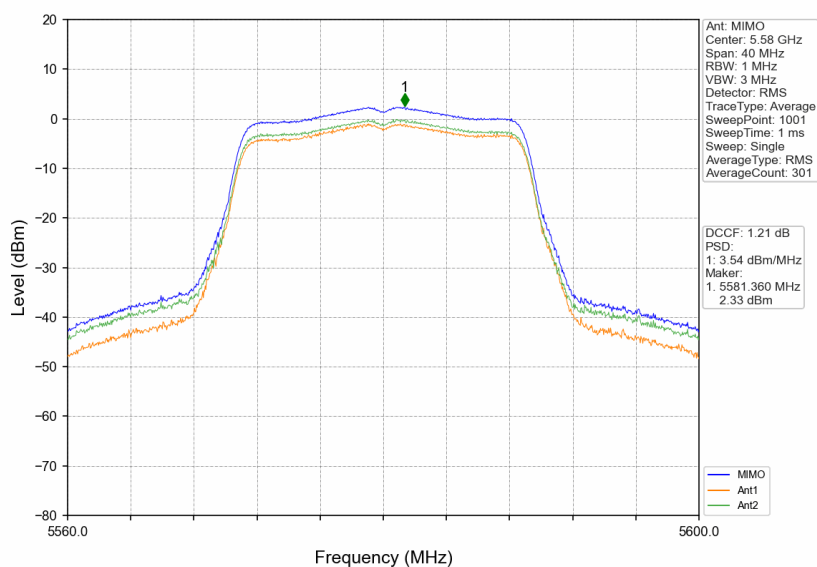
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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



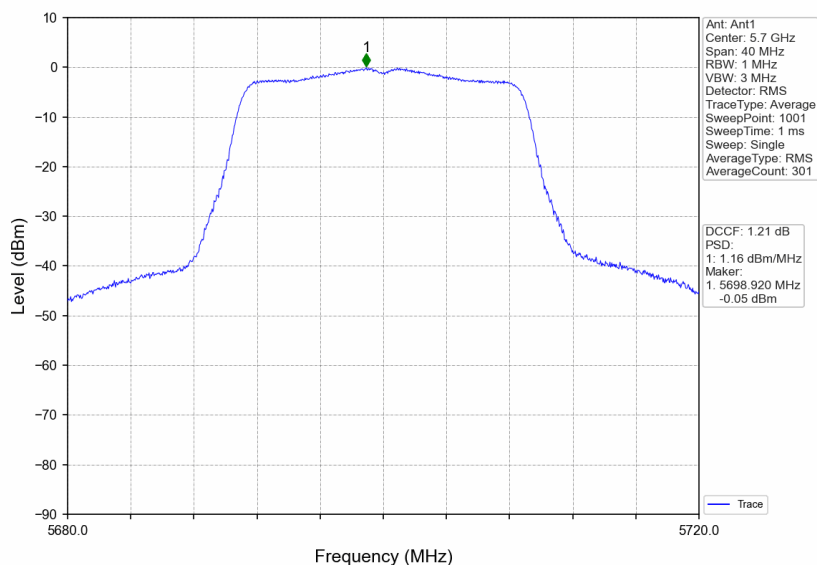
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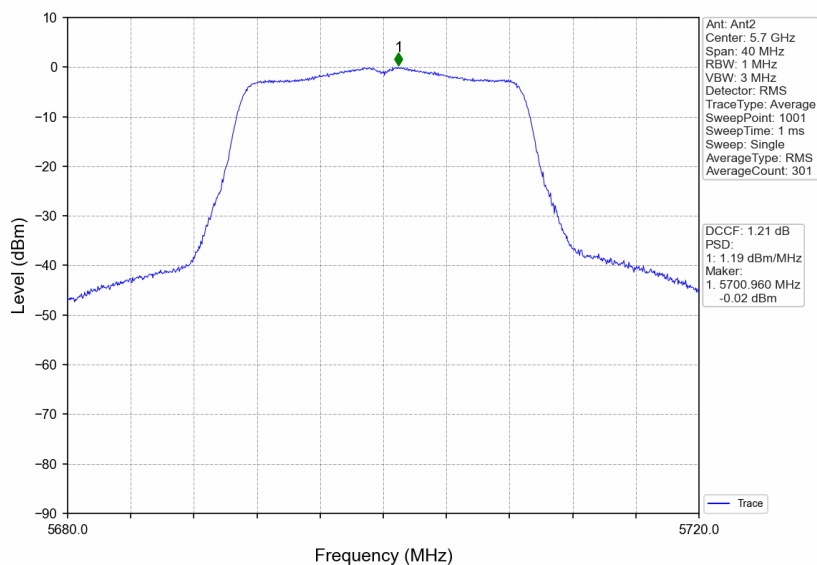
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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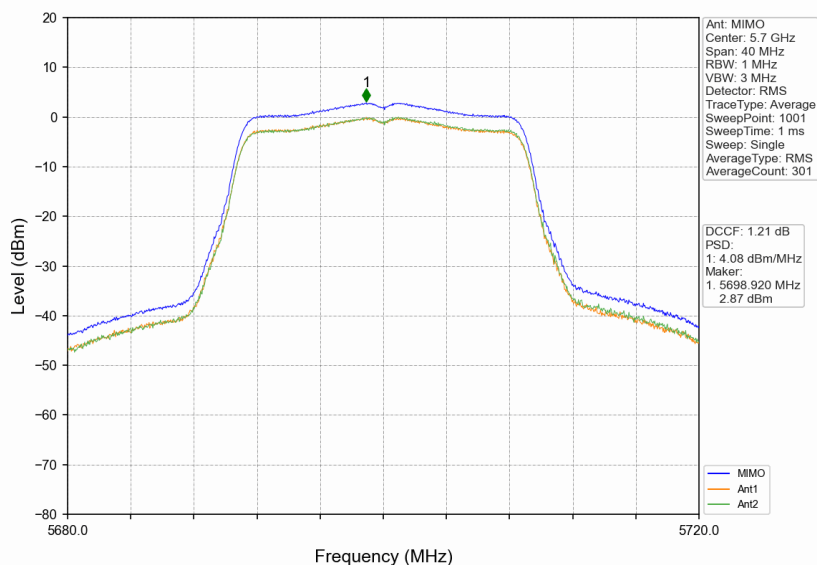
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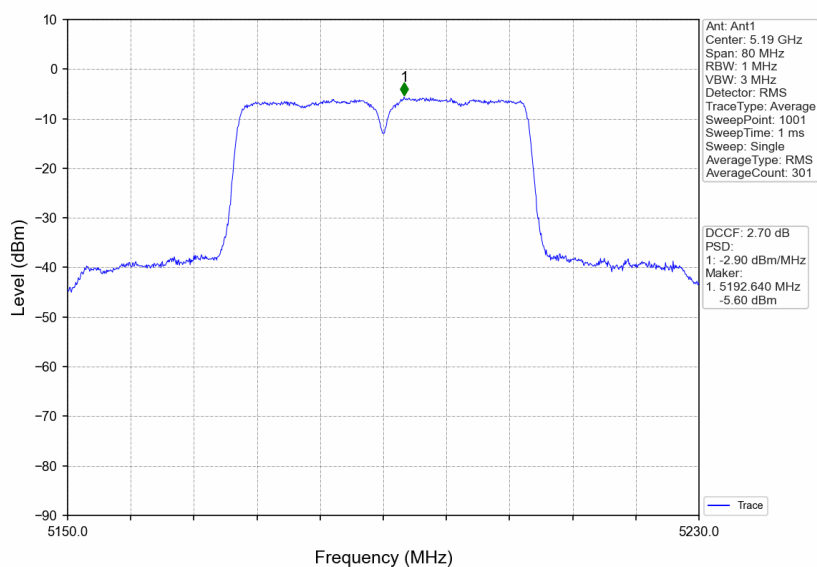
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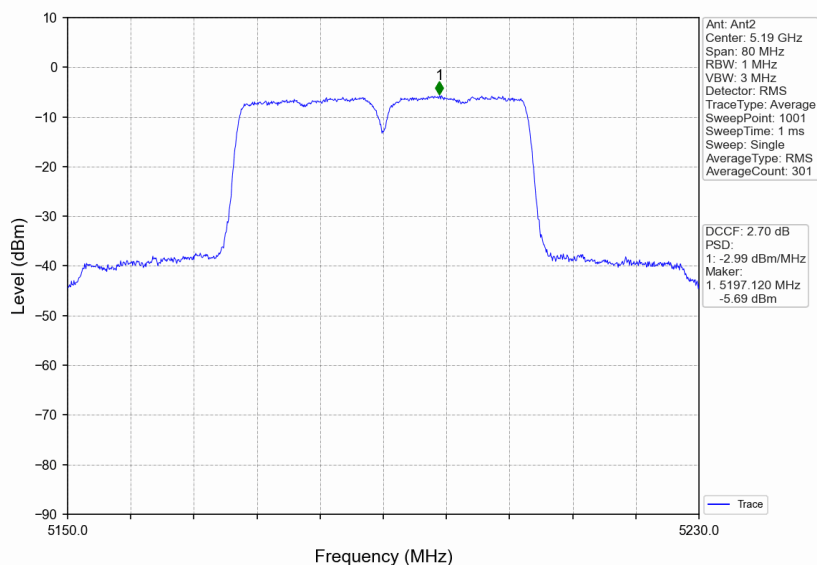
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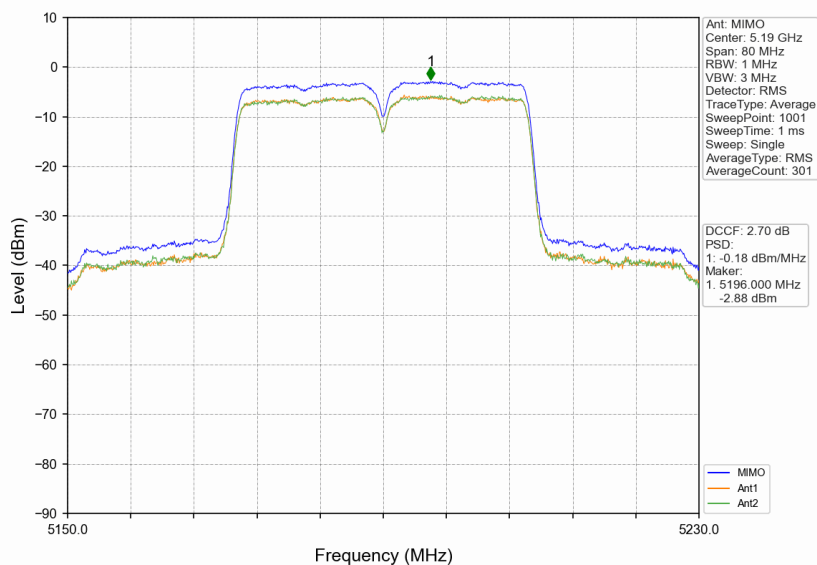
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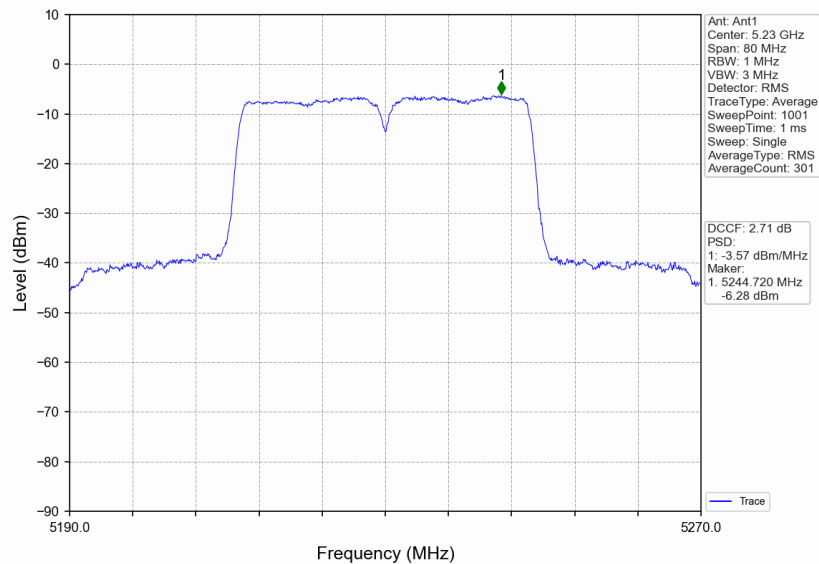
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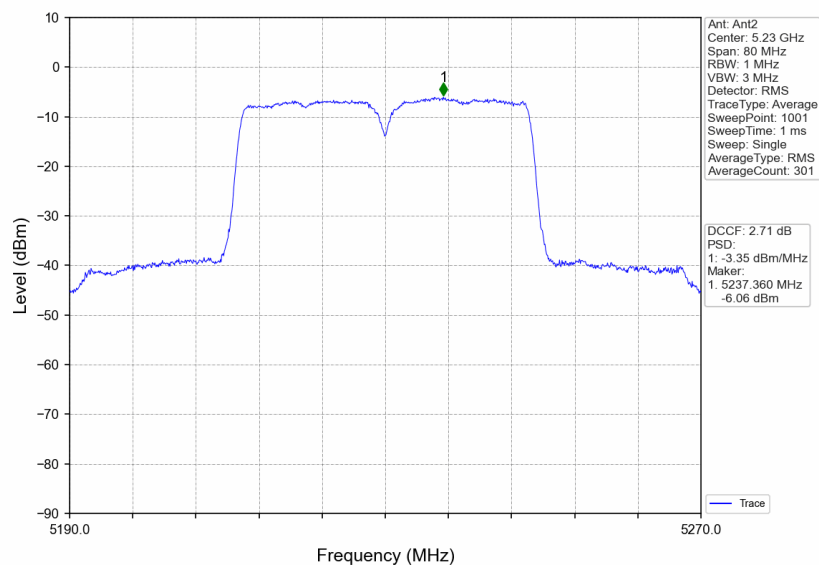
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802.11n(HT40) HCH 5230MHz_Ant2_NTNV



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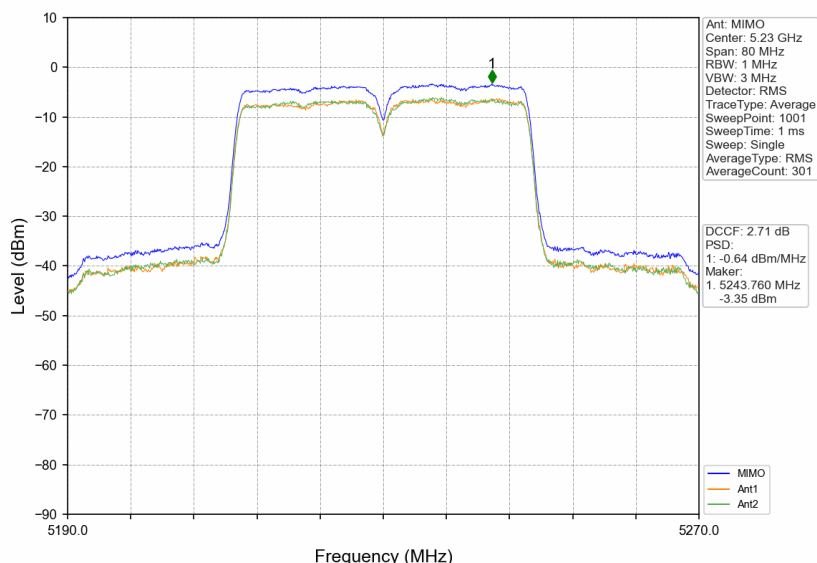
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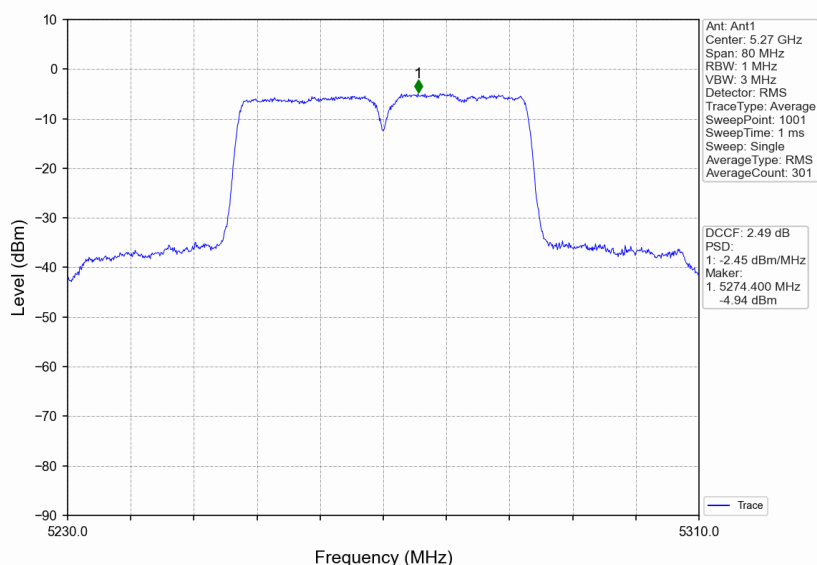
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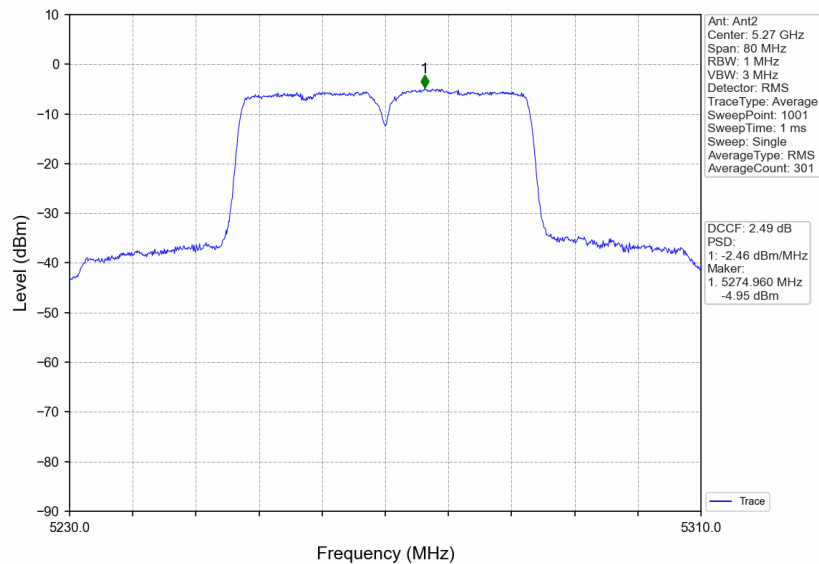
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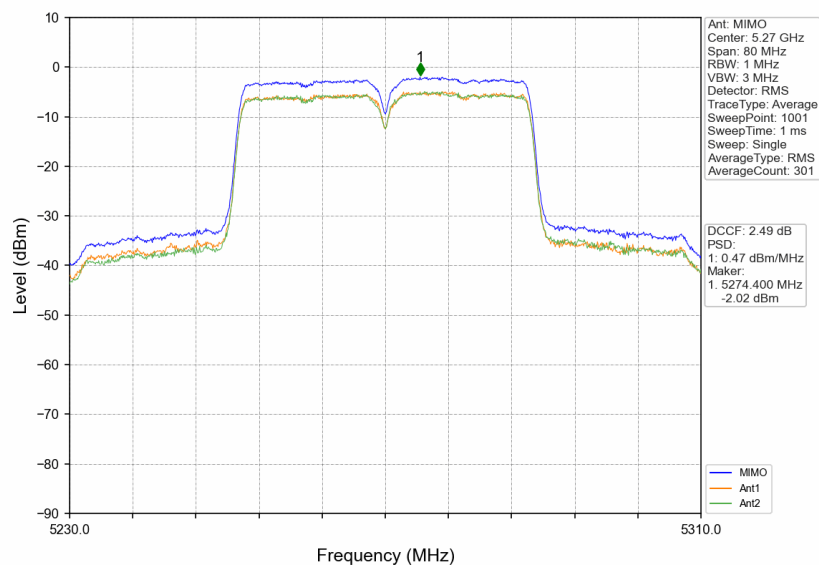
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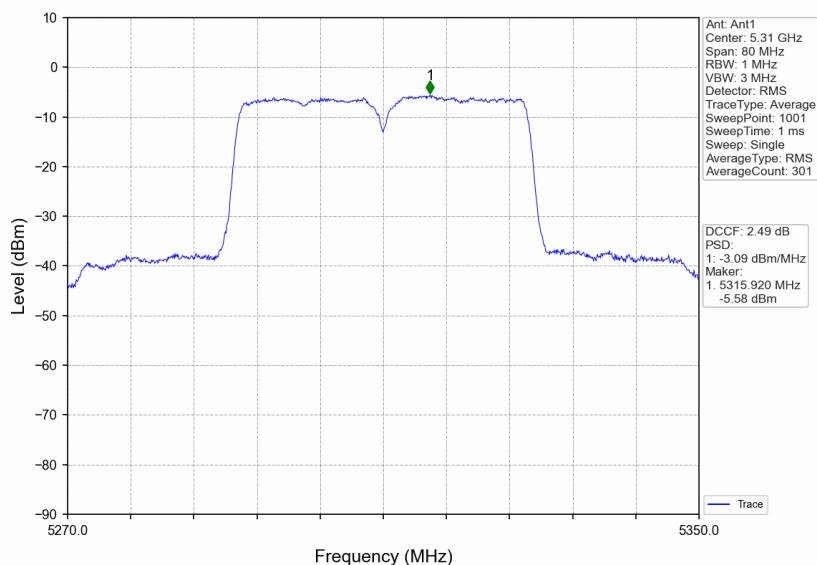
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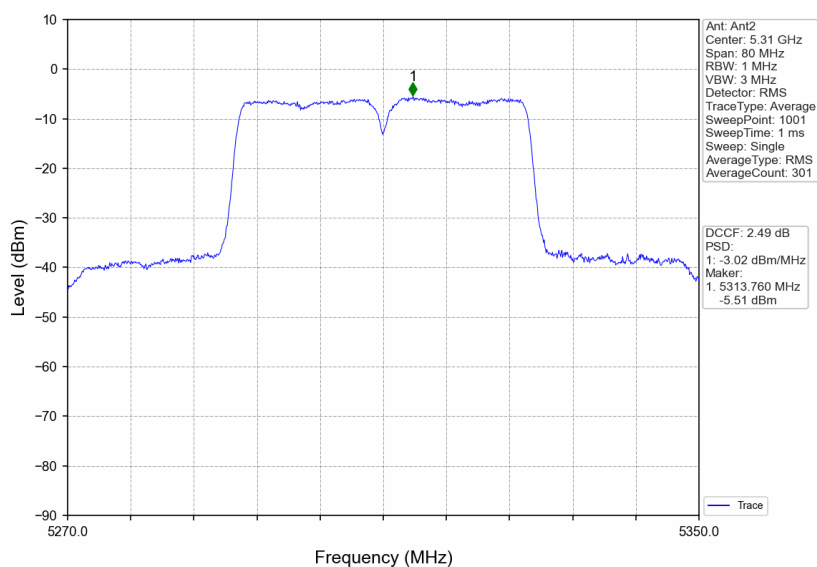
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802.11n(HT40) HCH 5310MHz_Ant1_NTNV



802.11n(HT40) HCH 5310MHz_Ant2_NTNV



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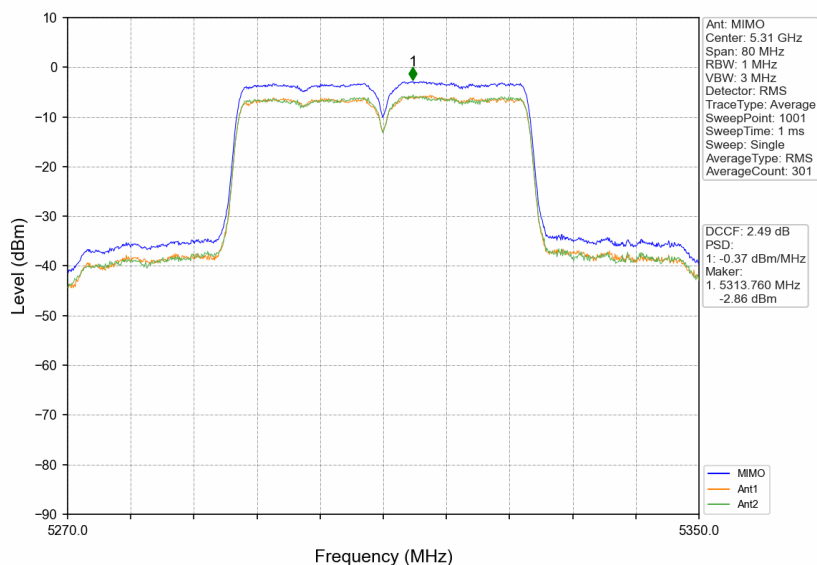
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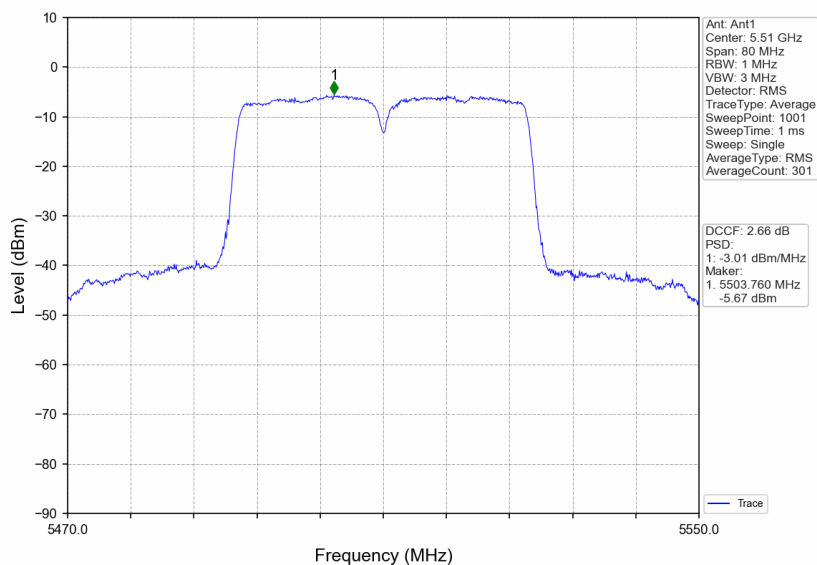
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802.11n(HT40)_HCH_5310MHz_MIMO_NTNV



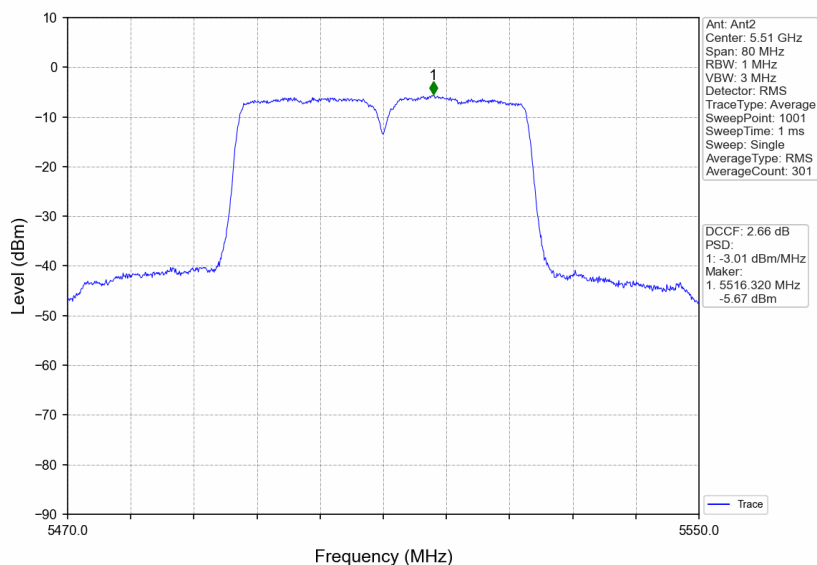
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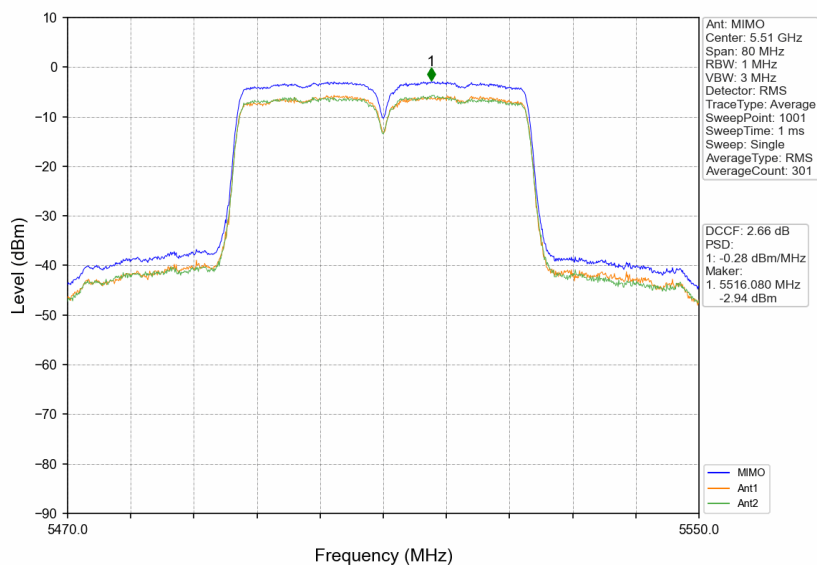
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802.11n(HT40) LCH_5510MHz_Ant2_NTNV



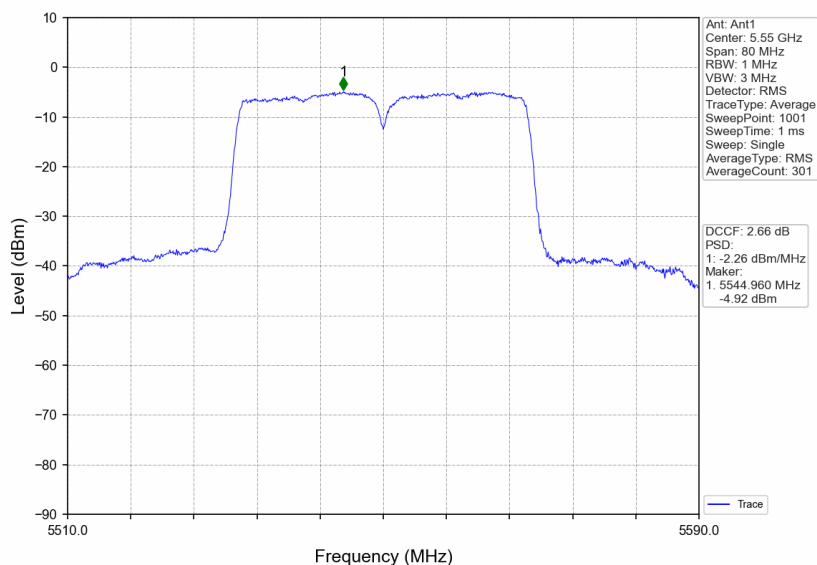
802.11n(HT40) LCH_5510MHz_MIMO_NTNV



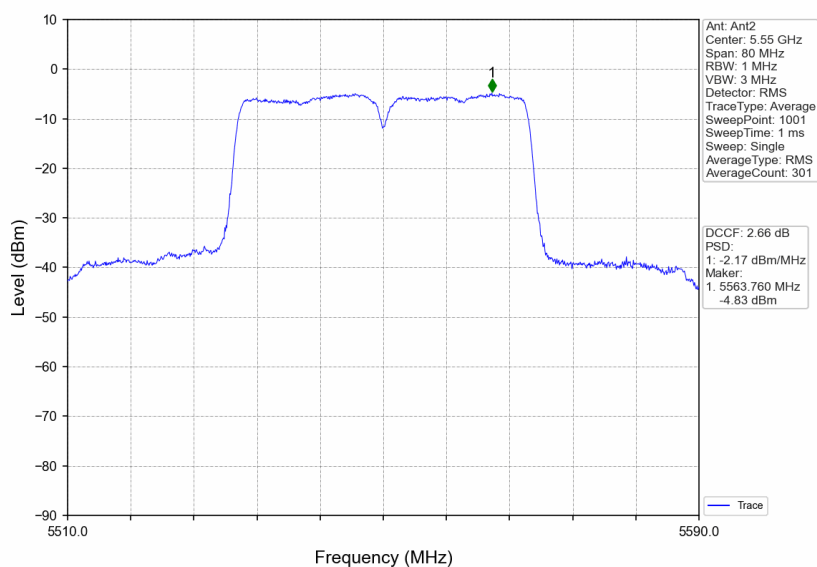
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802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



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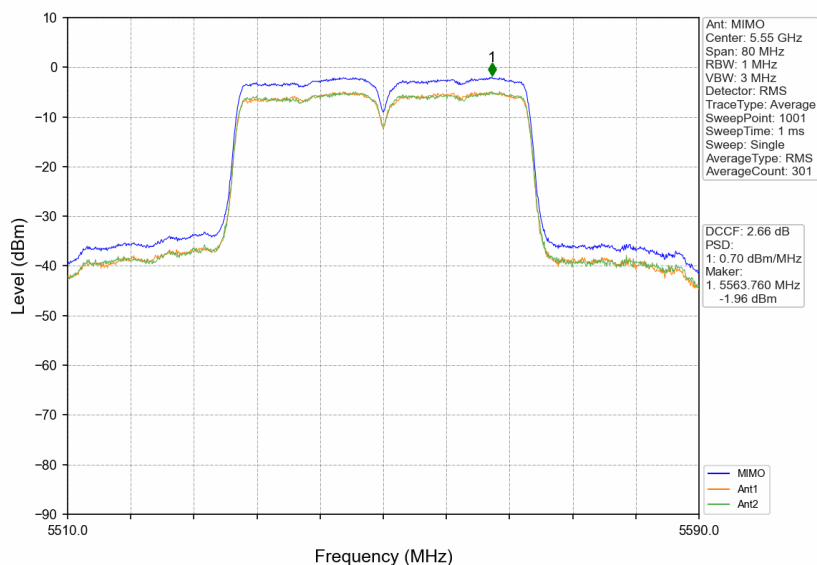
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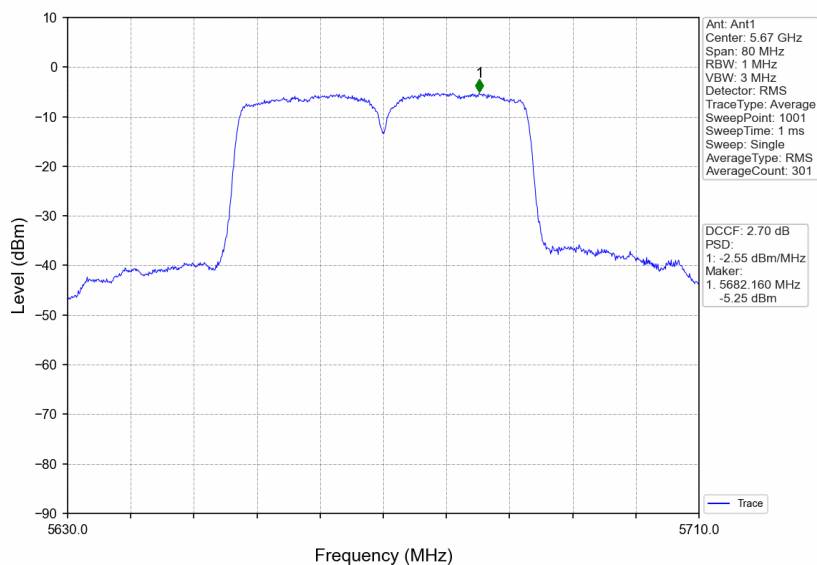
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802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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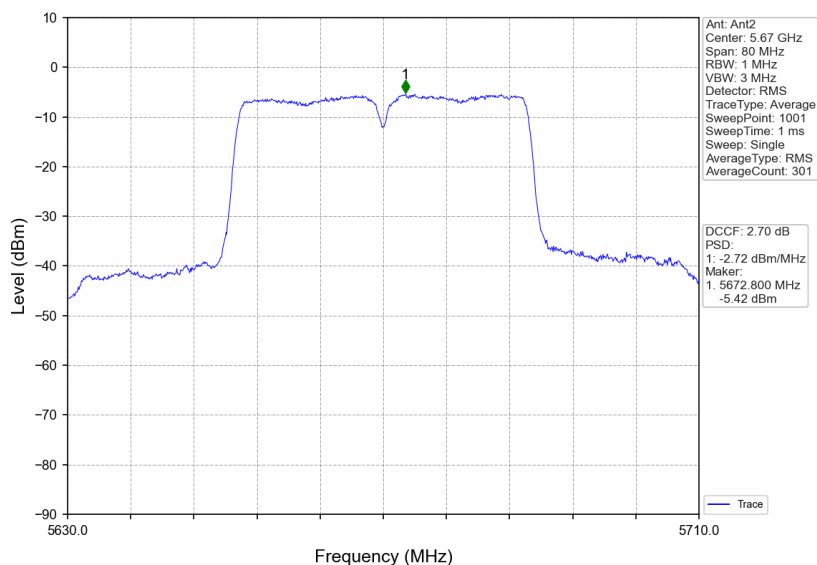
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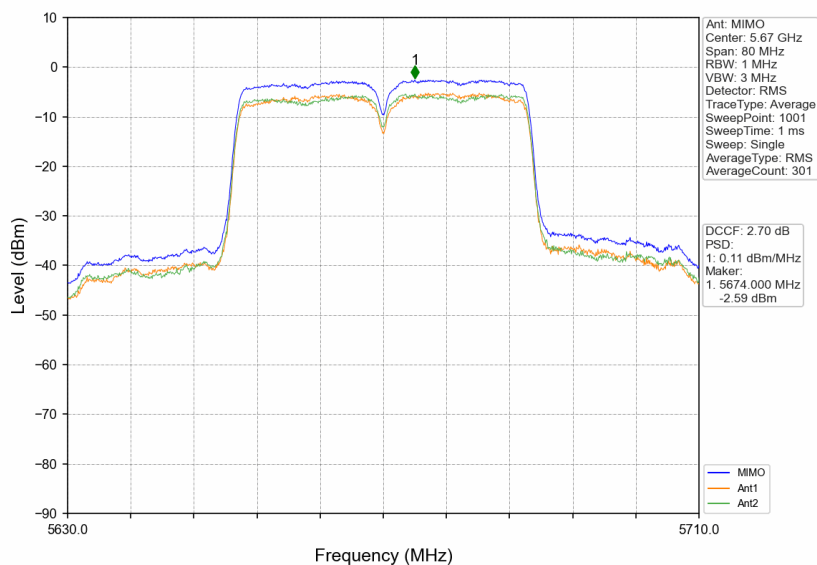
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802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



802.11n(HT40)_HCH_5670MHz_MIMO_NTNV



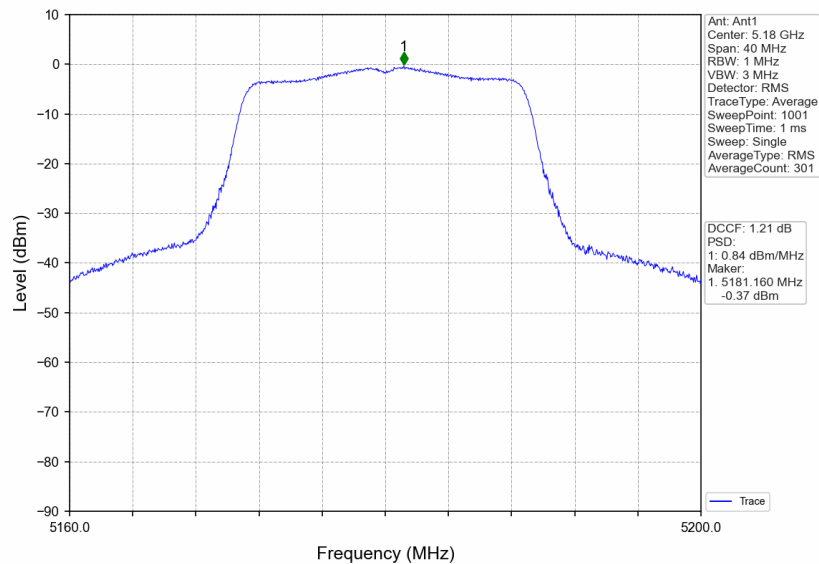
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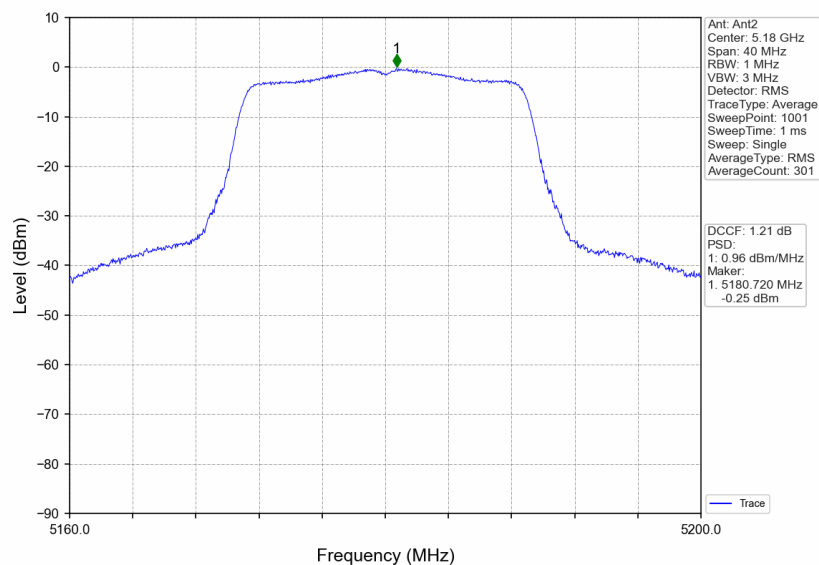
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802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



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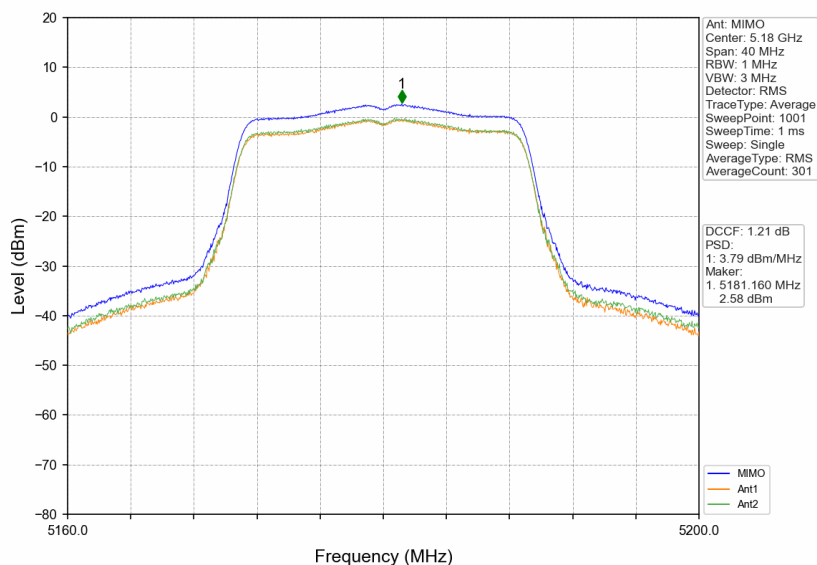
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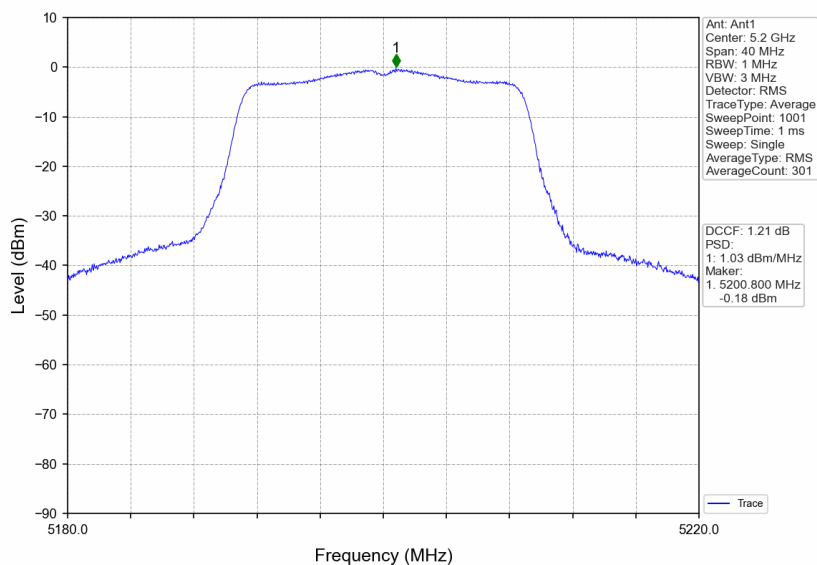
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802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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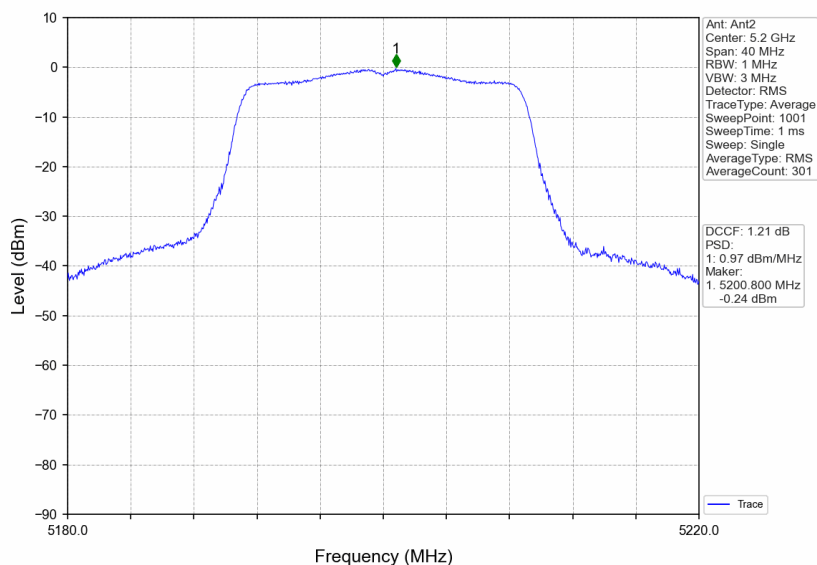
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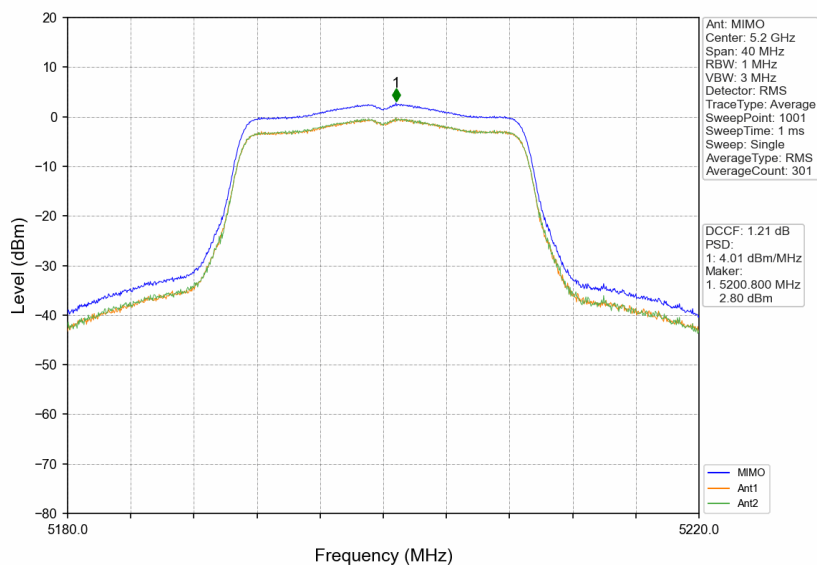
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802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



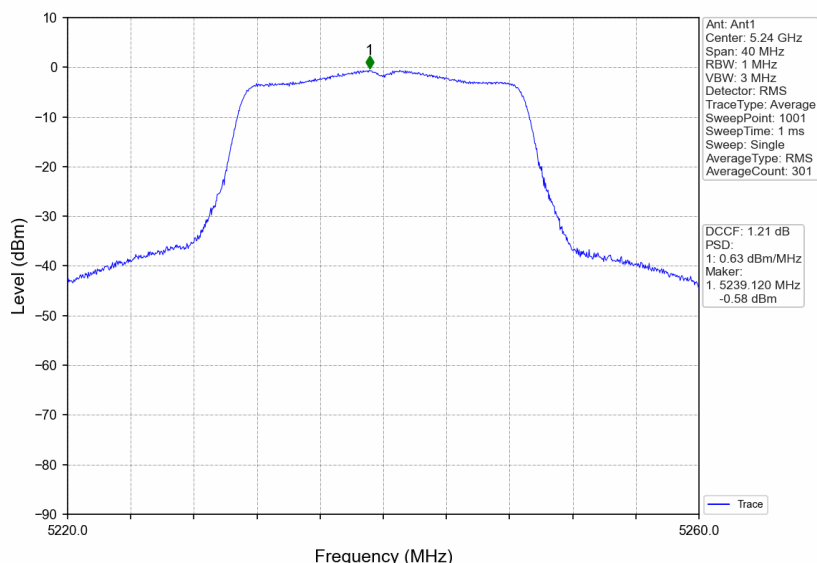
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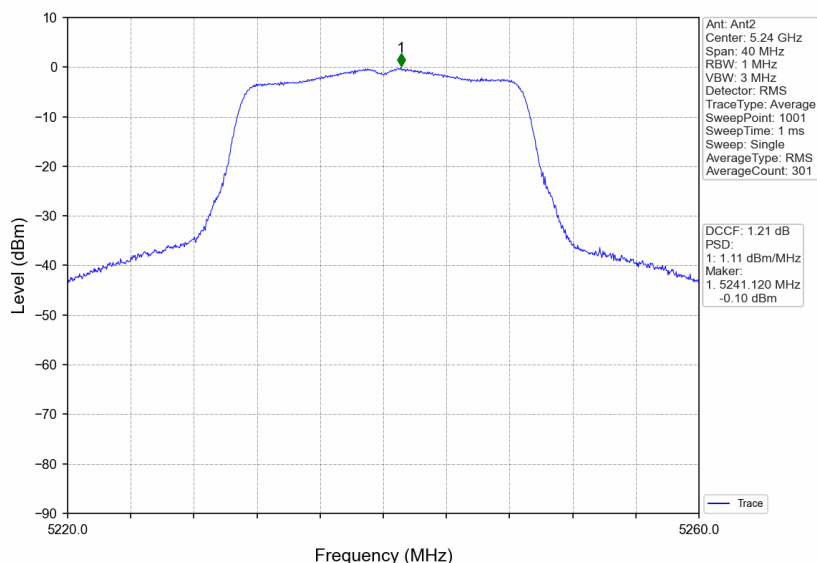
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802.11ac(VHT20) HCH 5240MHz Ant1 NTNV



802.11ac(VHT20) HCH 5240MHz Ant2 NTNV



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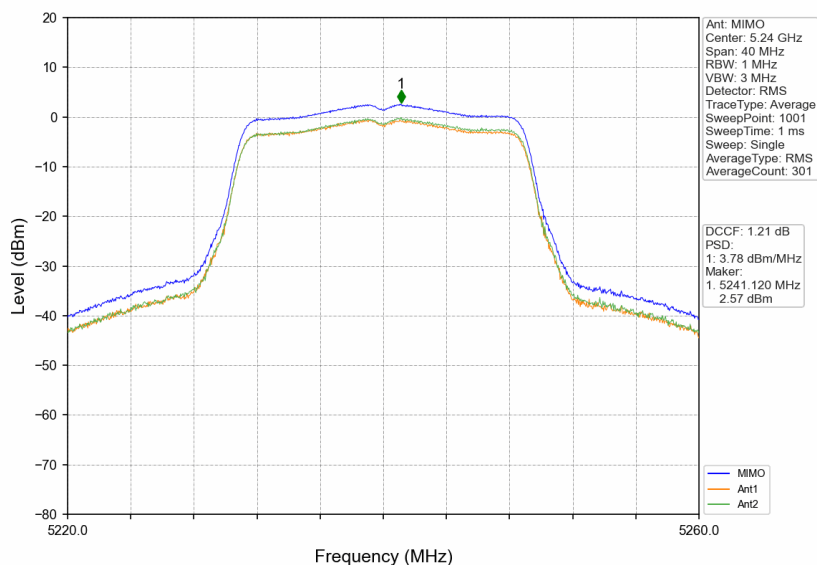
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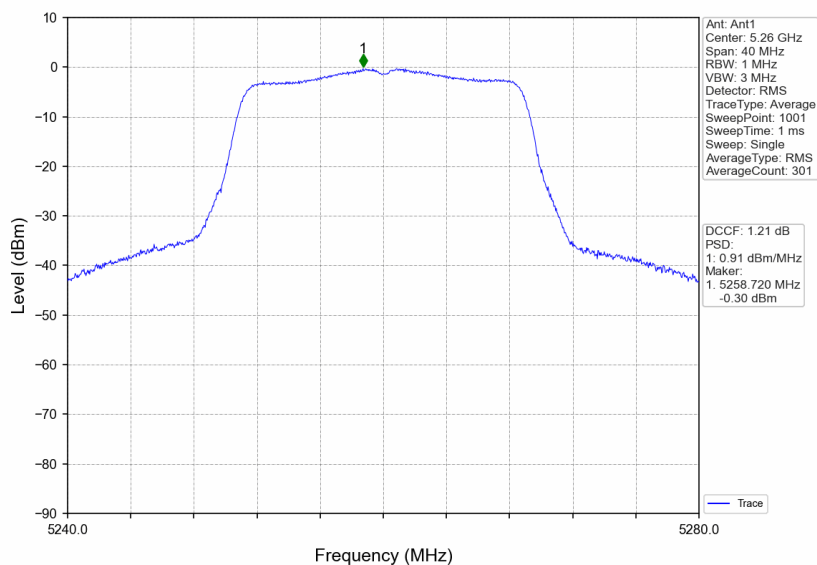
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802.11ac(VHT20) HCH 5240MHz MIMO NTN



802.11ac(VHT20) LCH 5260MHz Ant1 NTN



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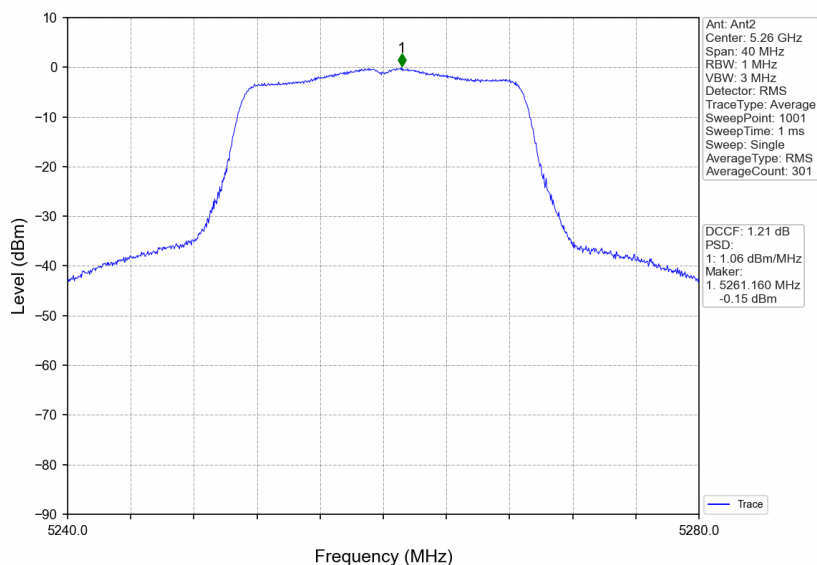
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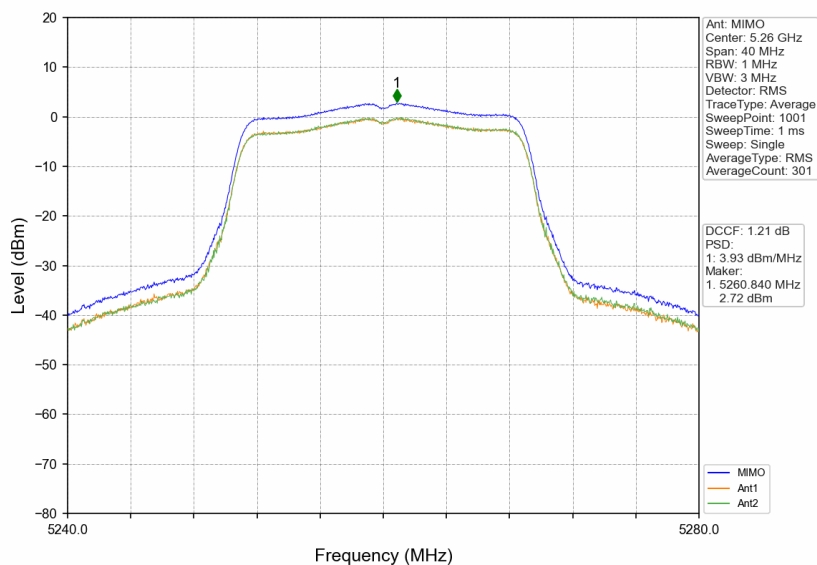
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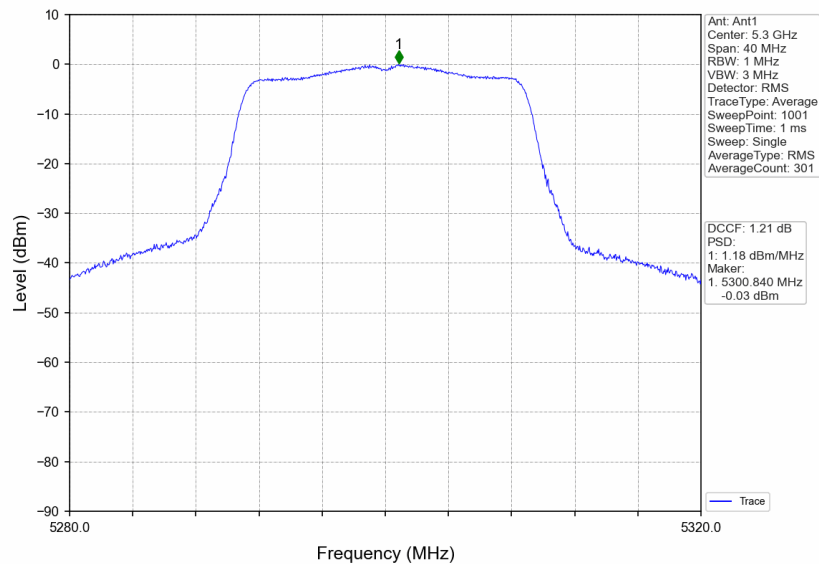
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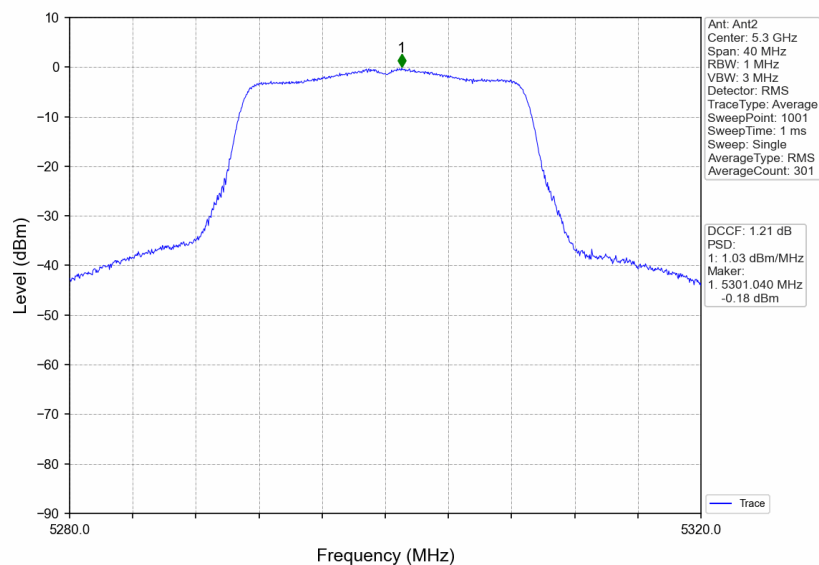
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802.11ac(VHT20) MCH 5300MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5300MHz_Ant2_NTNV



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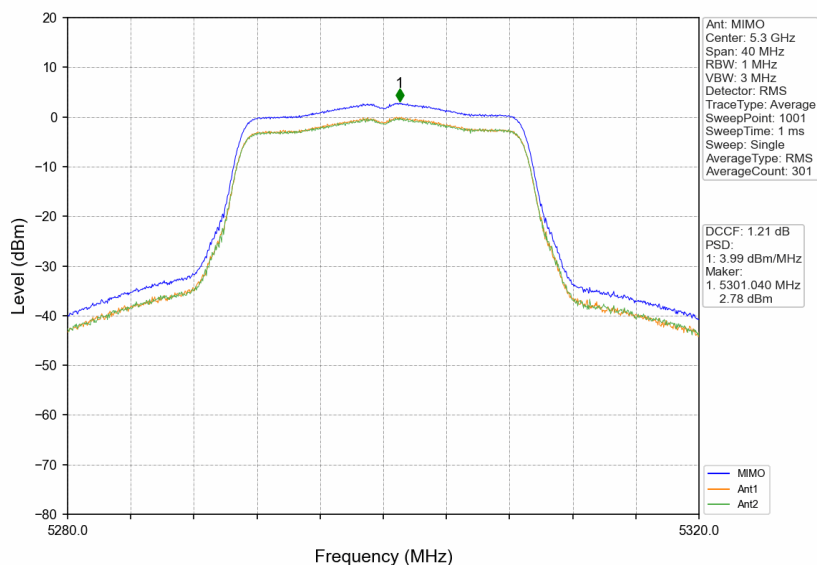
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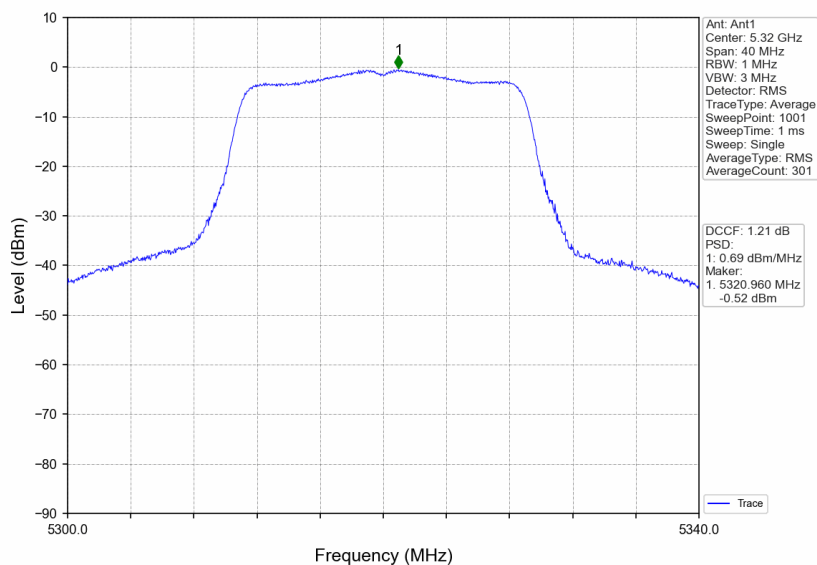
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802.11ac(VHT20) MCH 5300MHz MIMO_NTNV



802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



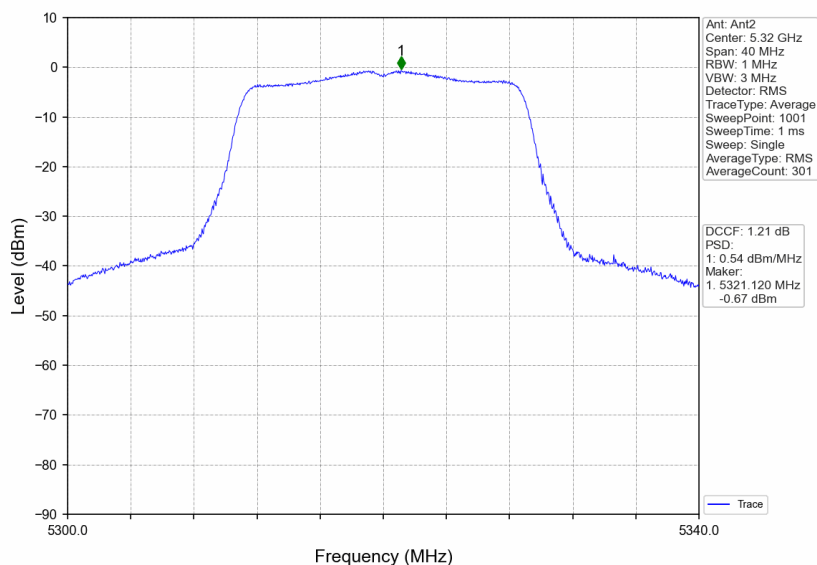
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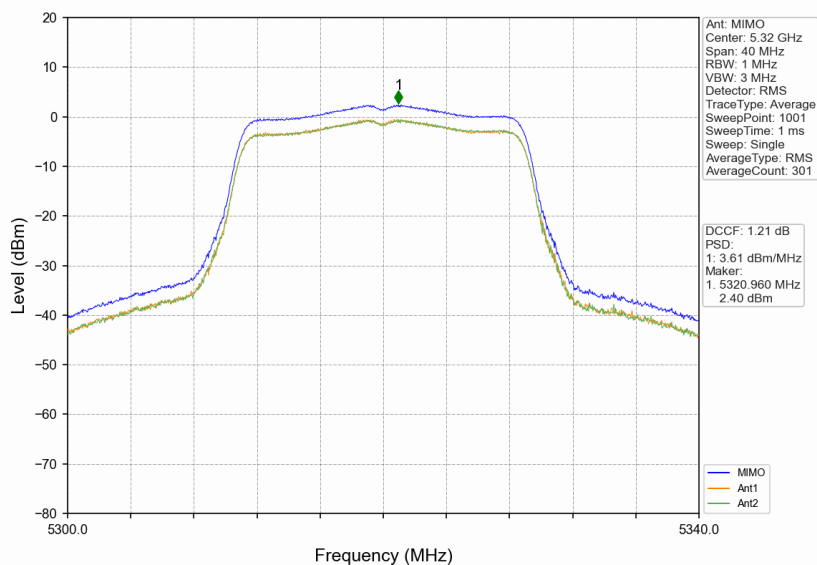
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802.11ac(VHT20) HCH_5320MHz_Ant2_NTNV



802.11ac(VHT20) HCH_5320MHz_MIMO_NTNV



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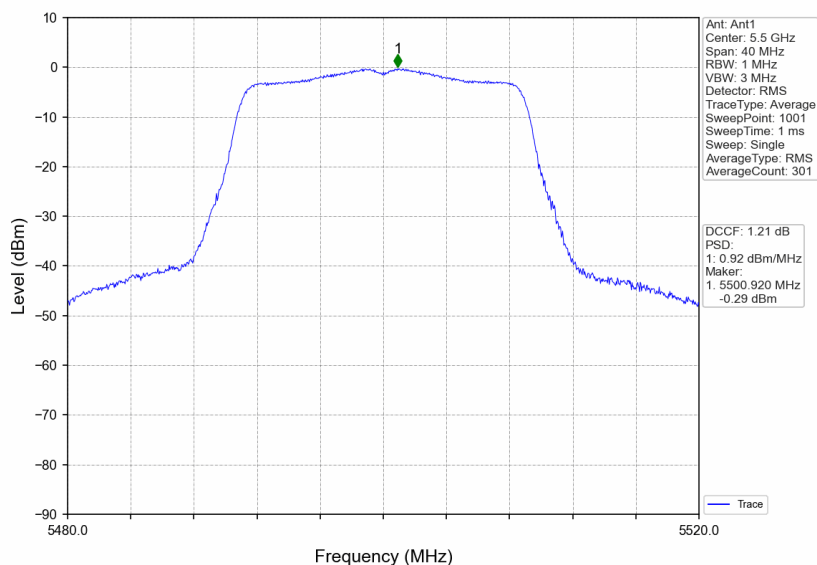
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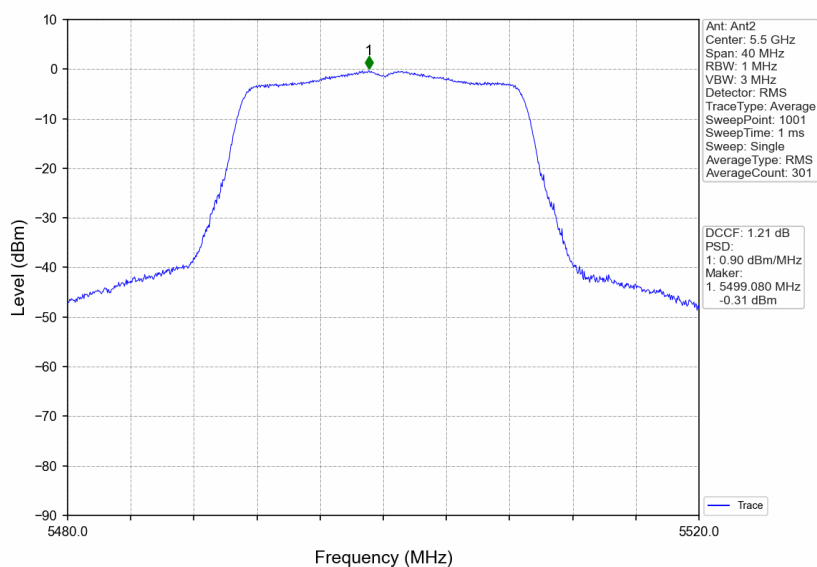
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802.11ac(VHT20) LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5500MHz_Ant2_NTNV



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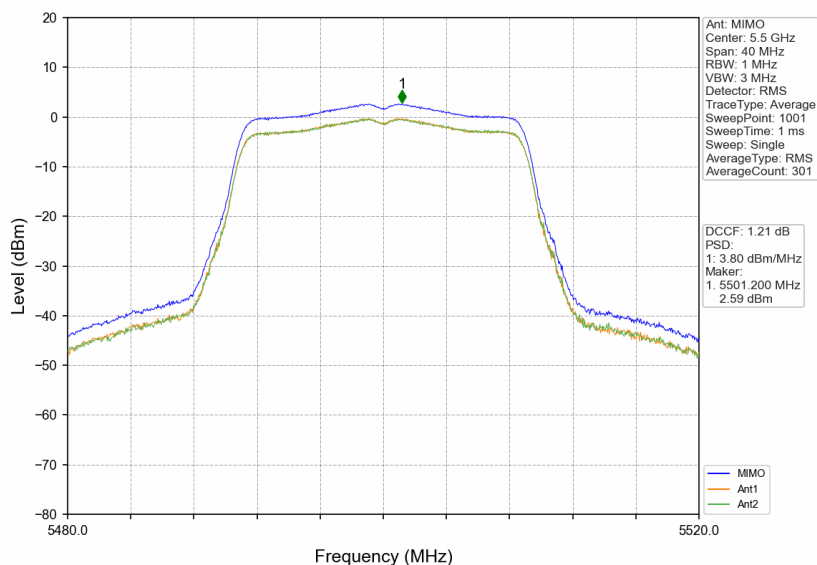
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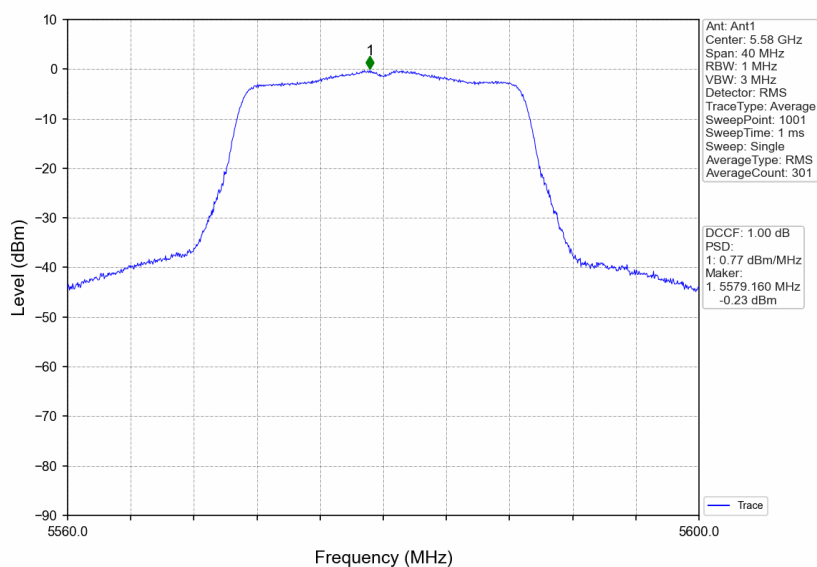
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802.11ac(VHT20)_LCH_5500MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



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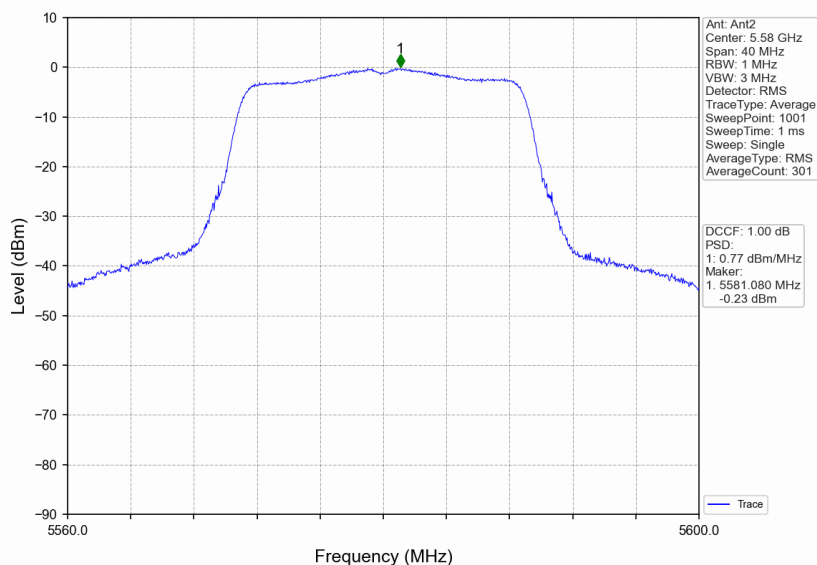
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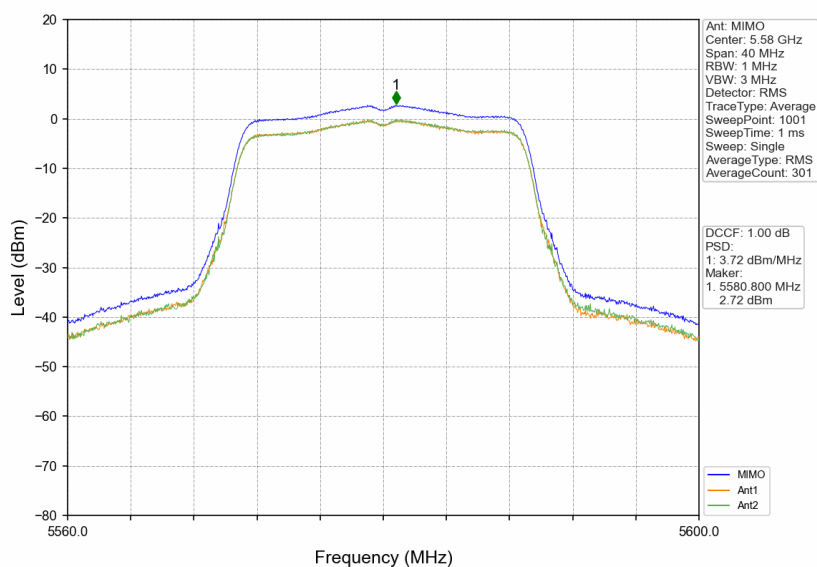
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802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV



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