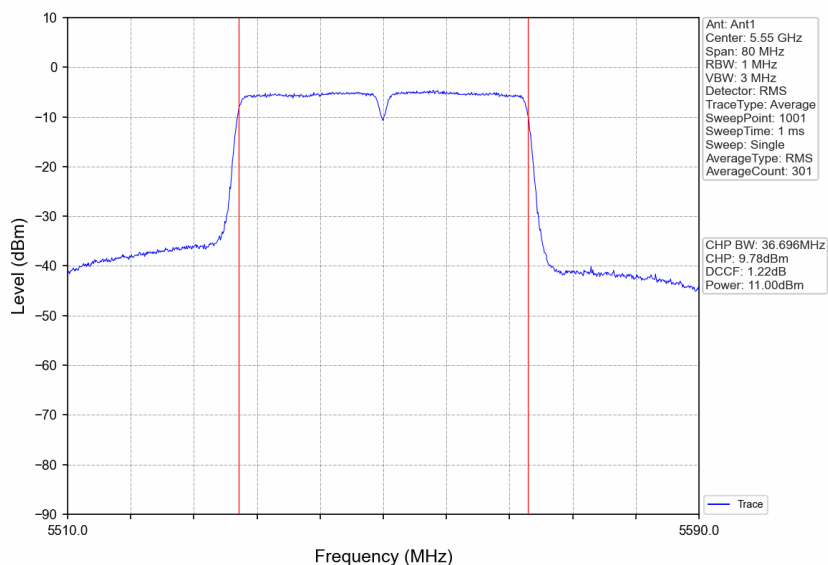
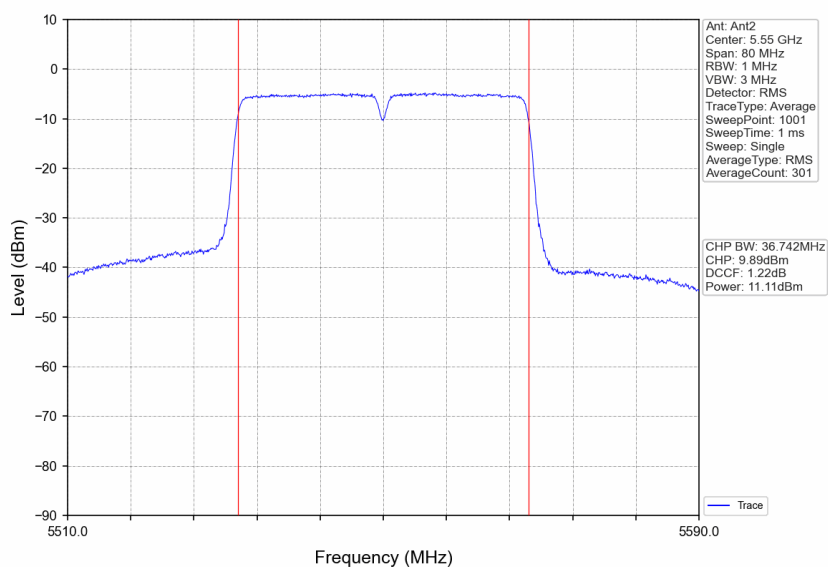


802.11ac(VHT40) MCH 5550MHz Ant1 NTNV



802.11ac(VHT40) MCH 5550MHz Ant2 NTNV



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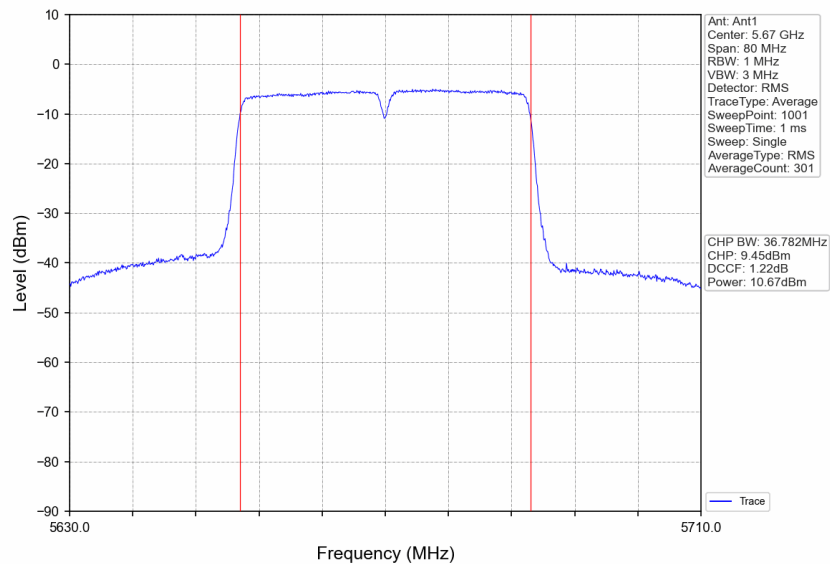
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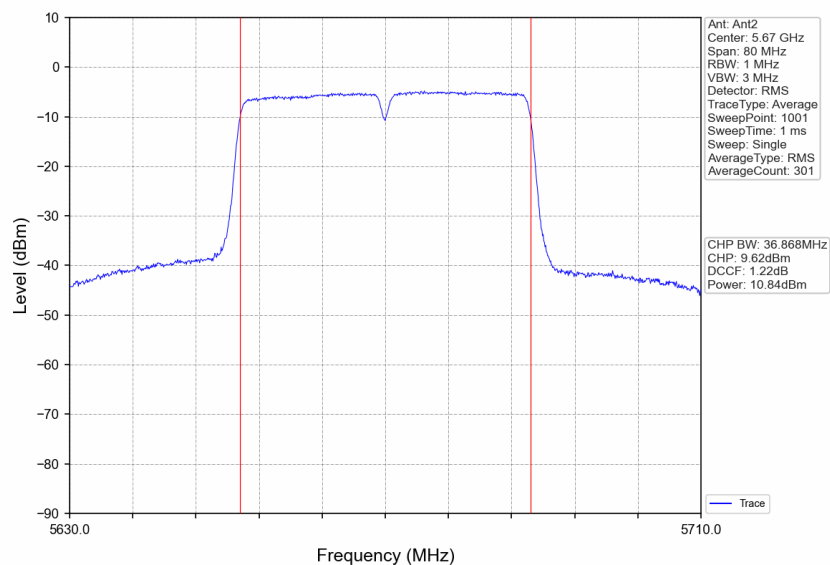
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802.11ac(VHT40) HCH 5670MHz Ant1 NTV



802.11ac(VHT40) HCH 5670MHz Ant2 NTV



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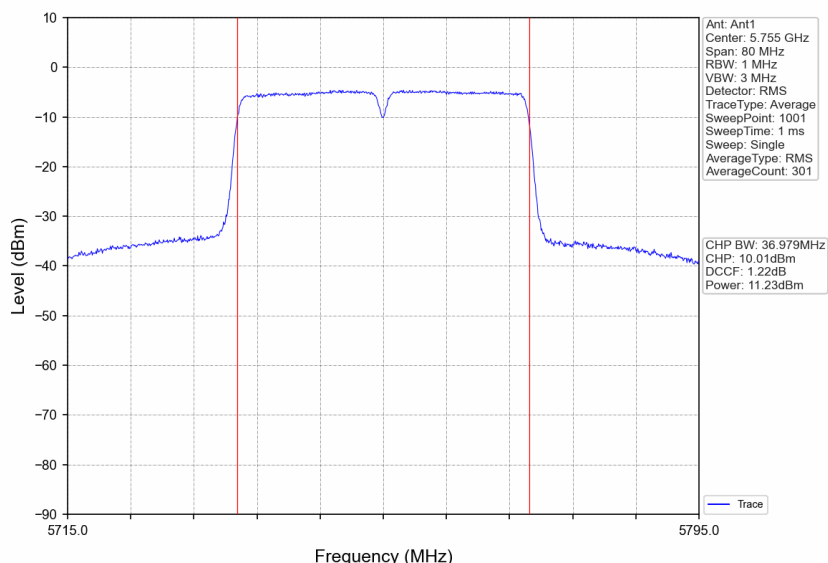
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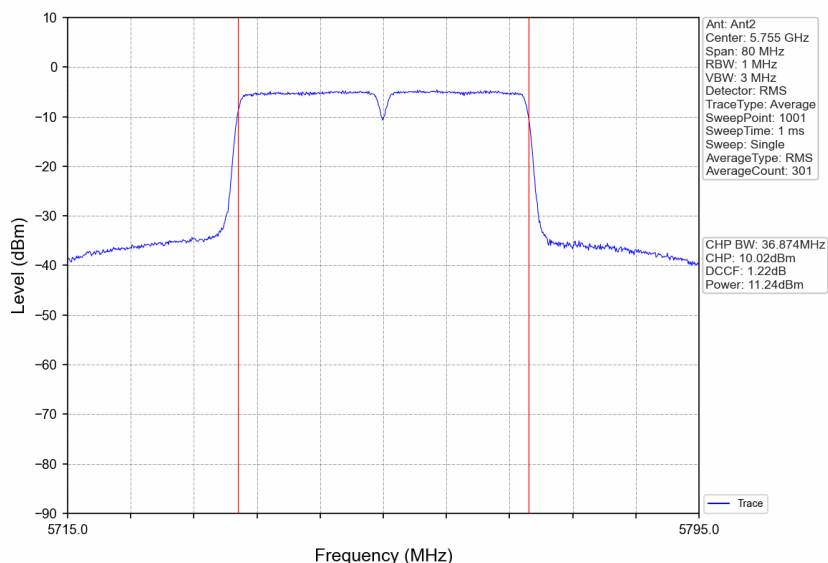
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802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5755MHz_Ant2_NTNV



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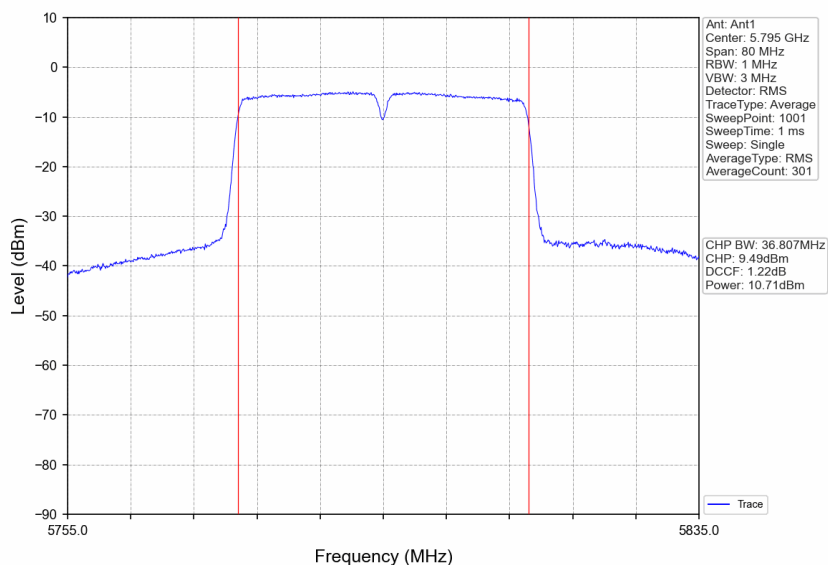
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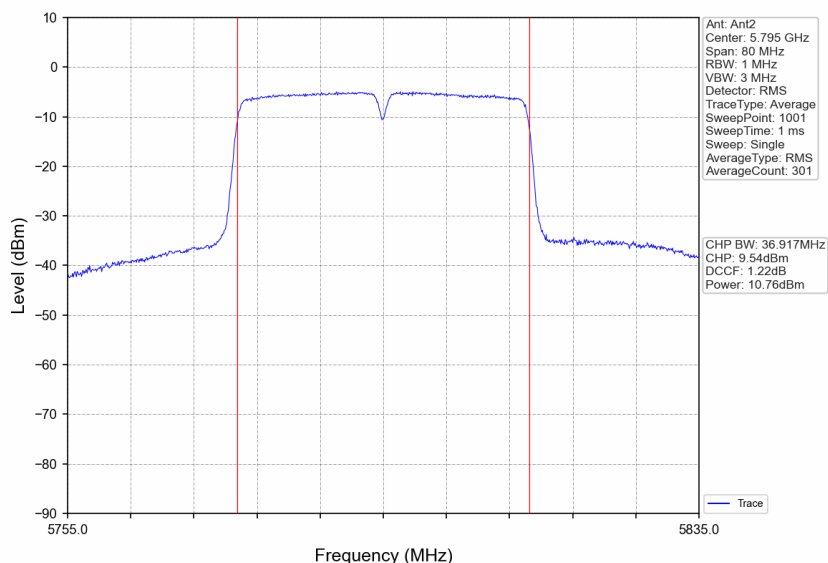
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802.11ac(VHT40) HCH 5795MHz Ant1 NTV



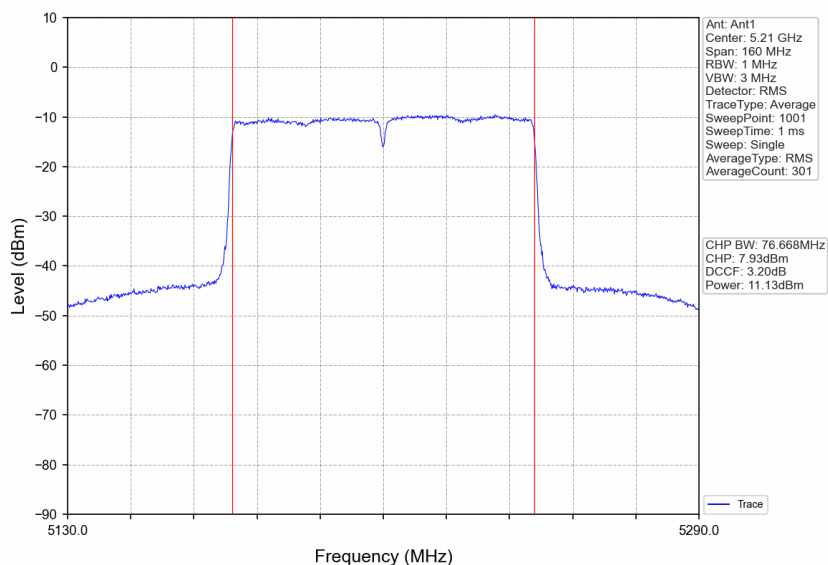
802.11ac(VHT40) HCH 5795MHz Ant2 NTV



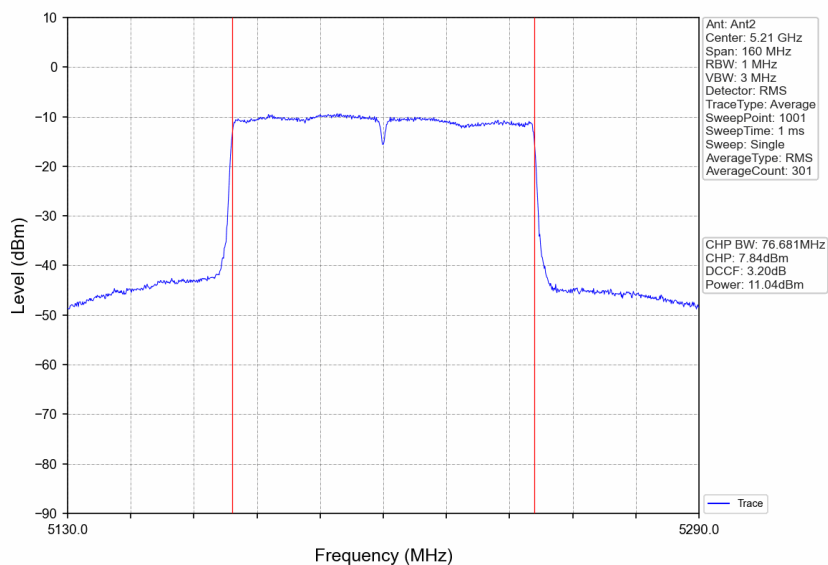
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802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



802.11ac(VHT80) MCH 5210MHz Ant2 NTNV



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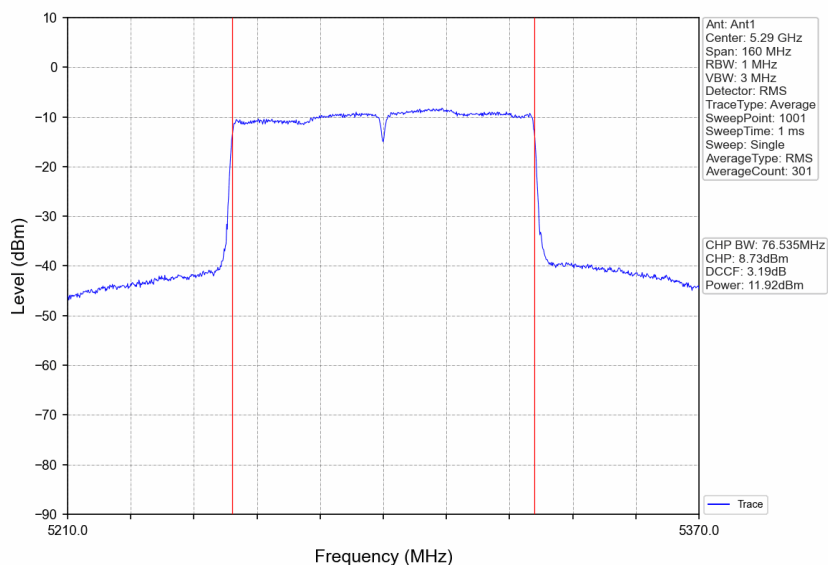
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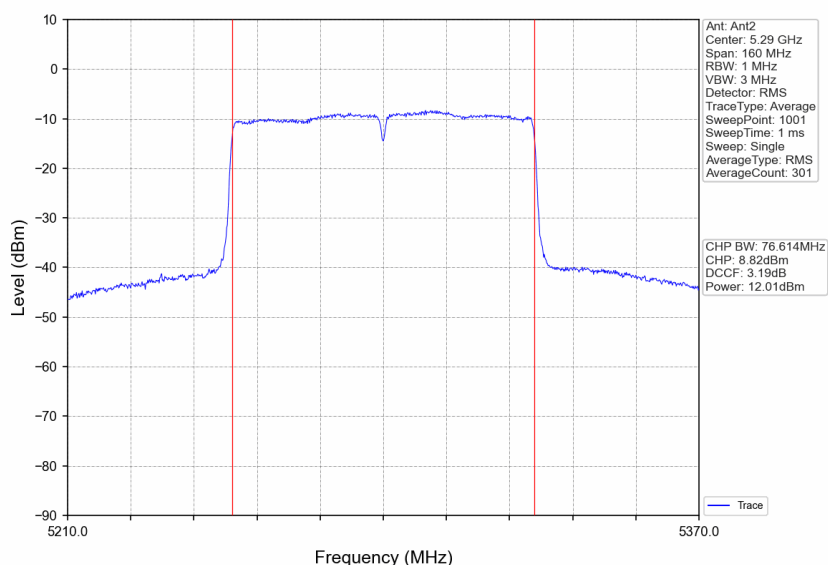
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802.11ac(VHT80) MCH 5290MHz Ant1 NTN



802.11ac(VHT80) MCH 5290MHz Ant2 NTN



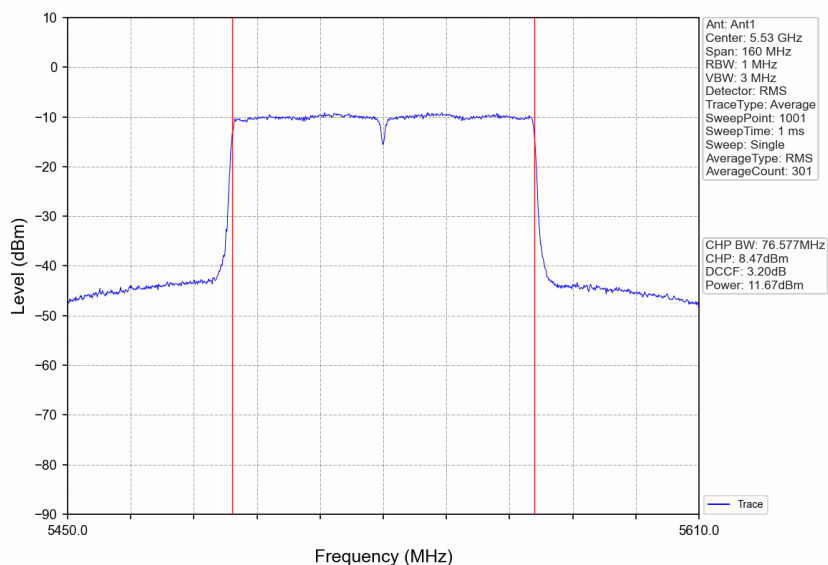
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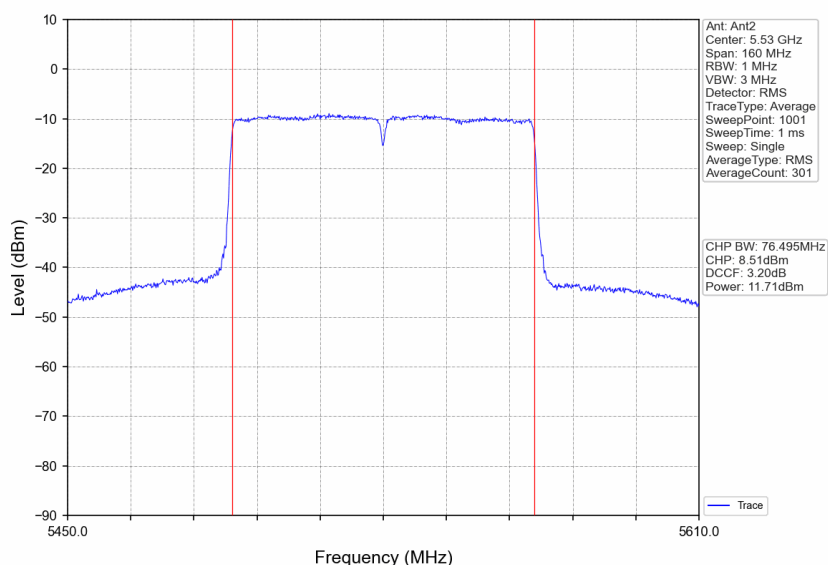
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802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant2_NTNV



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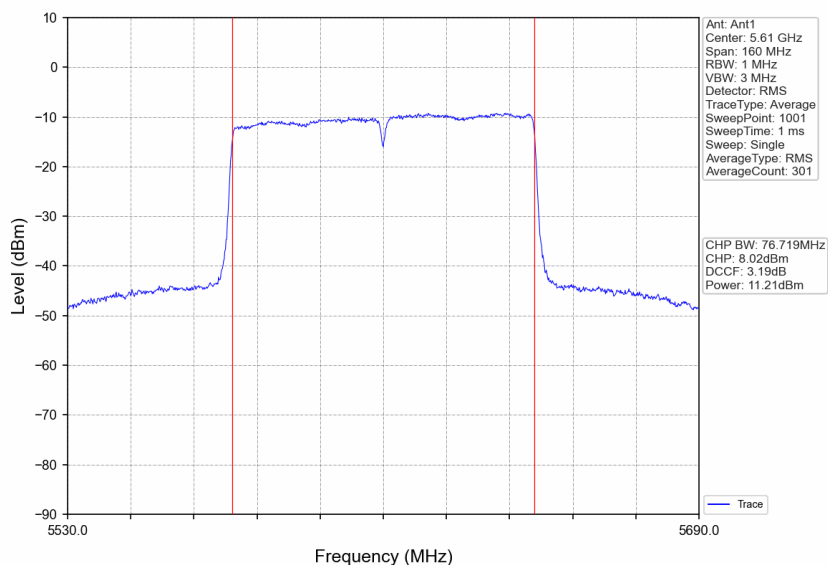
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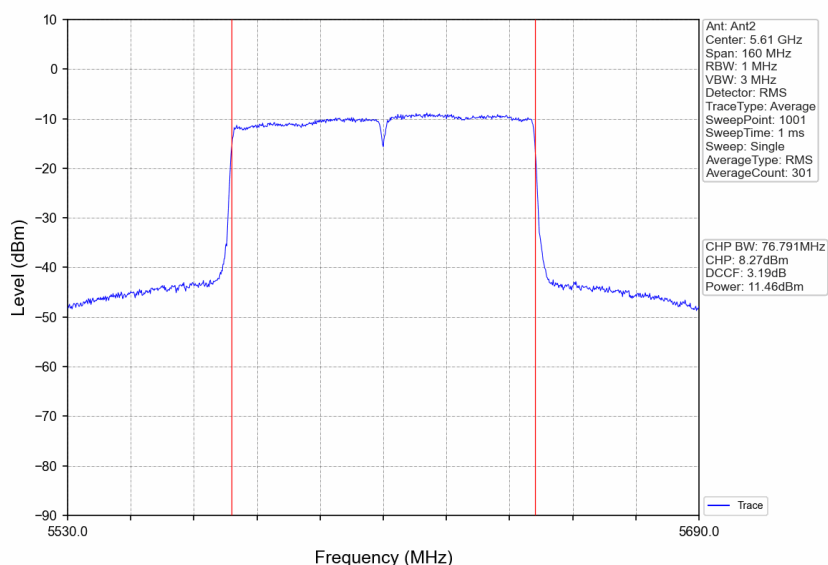
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802.11ac(VHT80) HCH 5610MHz Ant1 NTNV



802.11ac(VHT80) HCH 5610MHz Ant2 NTNV



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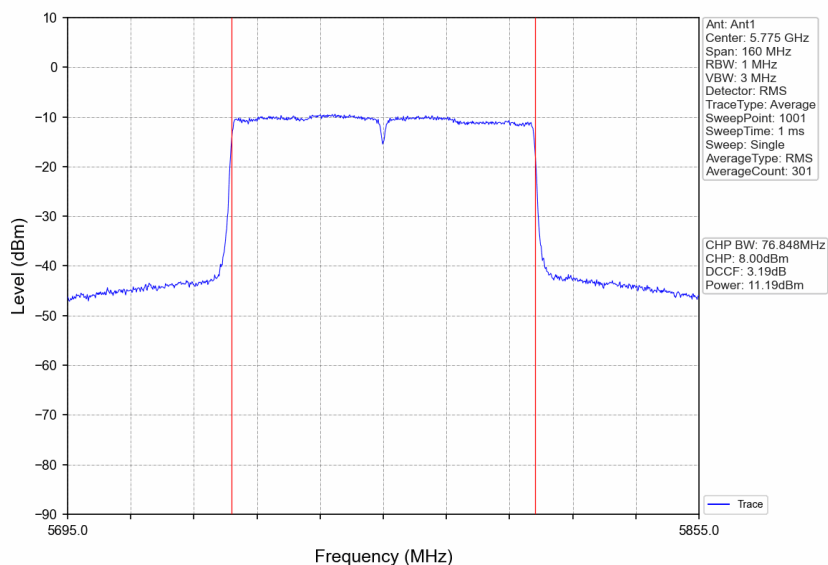
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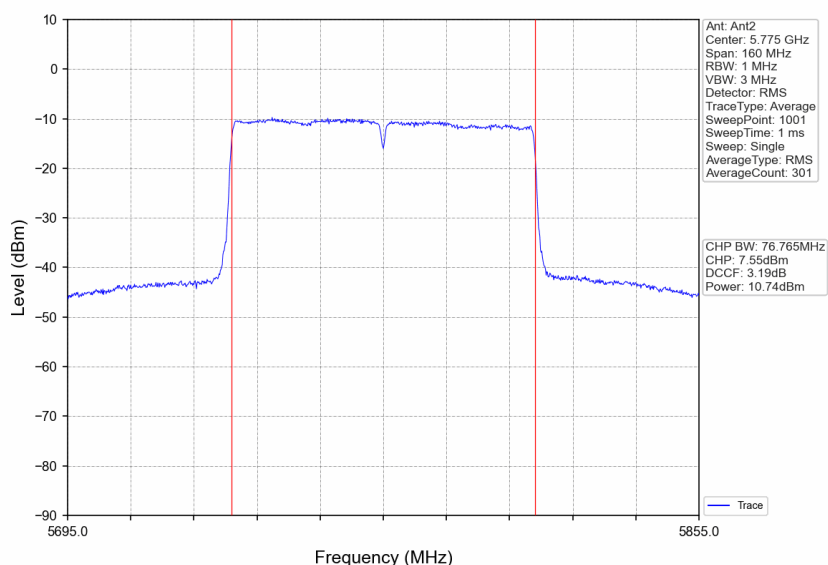
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802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN



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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	
802.11a	SISO	5180	4.00	3.39	/	<=11	Pass
		5200	3.99	3.62	/	<=11	Pass
		5240	4.25	3.92	/	<=11	Pass
		5260	4.31	4.38	/	<=11	Pass
		5300	4.38	4.79	/	<=11	Pass
		5320	3.74	4.27	/	<=11	Pass
		5500	4.28	4.57	/	<=11	Pass
		5580	3.37	3.87	/	<=11	Pass
802.11n (HT20)	MIMO	5700	4.01	4.25	/	<=11	Pass
		5180	1.02	1.26	4.15	<=10.57	Pass
		5200	1.20	1.44	4.25	<=10.57	Pass
		5240	1.27	1.74	4.42	<=10.57	Pass
		5260	0.52	0.99	3.72	<=10.57	Pass
		5300	0.92	0.66	3.66	<=10.57	Pass
		5320	0.13	0.54	3.19	<=10.57	Pass
		5500	1.40	1.32	4.25	<=10.57	Pass
802.11n (HT40)	MIMO	5580	0.00	0.13	2.94	<=10.57	Pass
		5700	0.65	0.76	3.60	<=10.57	Pass
		5190	-2.82	-2.82	-0.08	<=10.57	Pass
		5230	-3.28	-2.68	-0.04	<=10.57	Pass
		5270	-2.67	-2.63	0.13	<=10.57	Pass
		5310	-3.67	-2.43	-0.25	<=10.57	Pass
		5510	-2.40	-2.62	0.33	<=10.57	Pass
802.11ac (VHT20)	MIMO	5550	-3.32	-3.44	-0.51	<=10.57	Pass
		5670	-3.81	-3.04	-0.65	<=10.57	Pass
		5180	-0.30	0.99	3.38	<=10.57	Pass
		5200	1.27	0.98	4.13	<=10.57	Pass
		5240	1.09	0.91	3.95	<=10.57	Pass
		5260	1.11	1.06	3.98	<=10.57	Pass
		5300	0.70	0.80	3.70	<=10.57	Pass
		5320	0.35	0.62	3.38	<=10.57	Pass
802.11ac (VHT40)	MIMO	5500	0.75	1.04	3.73	<=10.57	Pass
		5580	0.15	1.19	3.68	<=10.57	Pass
		5700	0.14	0.47	3.23	<=10.57	Pass
		5190	-3.15	-3.43	-0.43	<=10.57	Pass
		5230	-3.50	-3.76	-0.75	<=10.57	Pass
		5270	-3.68	-3.62	-0.73	<=10.57	Pass
		5310	-3.33	-3.67	-0.62	<=10.57	Pass
802.11ac (VHT80)	MIMO	5510	-2.62	-3.74	-0.29	<=10.57	Pass
		5550	-3.46	-3.31	-0.60	<=10.57	Pass
		5670	-4.06	-3.53	-0.94	<=10.57	Pass
		5210	-6.56	-6.42	-3.78	<=10.57	Pass
		5290	-5.63	-5.23	-2.54	<=10.57	Pass
		5530	-5.14	-5.56	-2.48	<=10.57	Pass
		5610	-6.08	-5.85	-3.09	<=10.57	Pass

Note1: Antenna Gain: Ant1: 4.34dBi; Ant2: 2.39dBi;



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Note2: Directional Gain: 6.43dBi

4.1.2 Test Result For IC

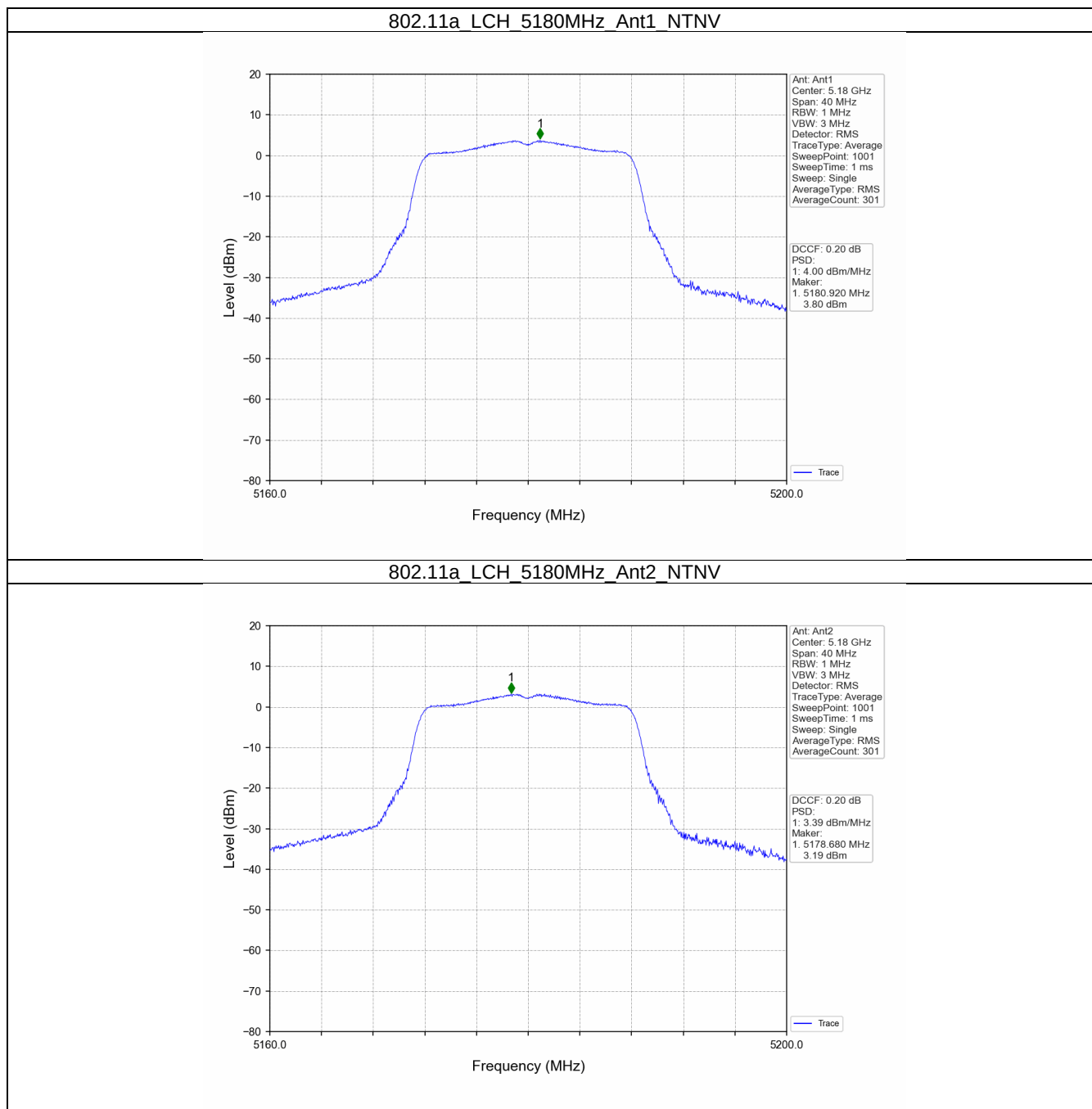
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5260	4.31	4.38	/	<=11	Pass
		5300	4.38	4.79	/	<=11	Pass
		5320	3.74	4.27	/	<=11	Pass
		5500	4.28	4.57	/	<=11	Pass
		5580	3.37	3.87	/	<=11	Pass
		5700	4.01	4.25	/	<=11	Pass
802.11n (HT20)	MIMO	5260	0.52	0.99	3.72	<=10.57	Pass
		5300	0.92	0.66	3.66	<=10.57	Pass
		5320	0.13	0.54	3.19	<=10.57	Pass
		5500	1.40	1.32	4.25	<=10.57	Pass
		5580	0.00	0.13	2.94	<=10.57	Pass
		5700	0.65	0.76	3.60	<=10.57	Pass
802.11n (HT40)	MIMO	5270	-2.67	-2.63	0.13	<=10.57	Pass
		5310	-3.67	-2.43	-0.25	<=10.57	Pass
		5510	-2.40	-2.62	0.33	<=10.57	Pass
		5550	-3.32	-3.44	-0.51	<=10.57	Pass
		5670	-3.81	-3.04	-0.65	<=10.57	Pass
		5700	-3.81	-3.04	-0.65	<=10.57	Pass
802.11ac (VHT20)	MIMO	5260	1.11	1.06	3.98	<=10.57	Pass
		5300	0.70	0.80	3.70	<=10.57	Pass
		5320	0.35	0.62	3.38	<=10.57	Pass
		5500	0.75	1.04	3.73	<=10.57	Pass
		5580	0.15	1.19	3.68	<=10.57	Pass
		5700	0.14	0.47	3.23	<=10.57	Pass
802.11ac (VHT40)	MIMO	5270	-3.68	-3.62	-0.73	<=10.57	Pass
		5310	-3.33	-3.67	-0.62	<=10.57	Pass
		5510	-2.62	-3.74	-0.29	<=10.57	Pass
		5550	-3.46	-3.31	-0.60	<=10.57	Pass
		5670	-4.06	-3.53	-0.94	<=10.57	Pass
		5700	-4.06	-3.53	-0.94	<=10.57	Pass
802.11ac (VHT80)	MIMO	5290	-5.63	-5.23	-2.54	<=10.57	Pass
		5530	-5.14	-5.56	-2.48	<=10.57	Pass
		5610	-6.08	-5.85	-3.09	<=10.57	Pass

Note1: Antenna Gain: Ant1: 4.34dBi; Ant2: 2.39dBi;

Note2: Directional Gain: 6.43dBi



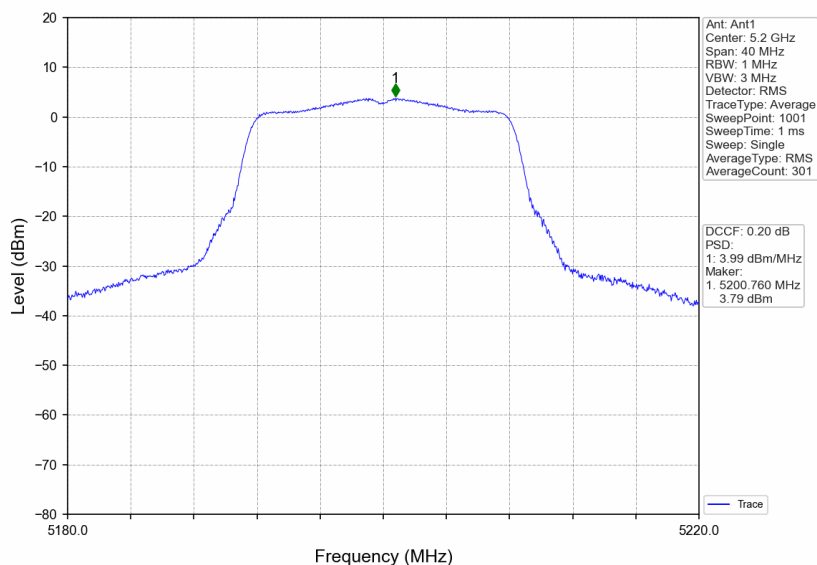
4.1.3 Test Graph



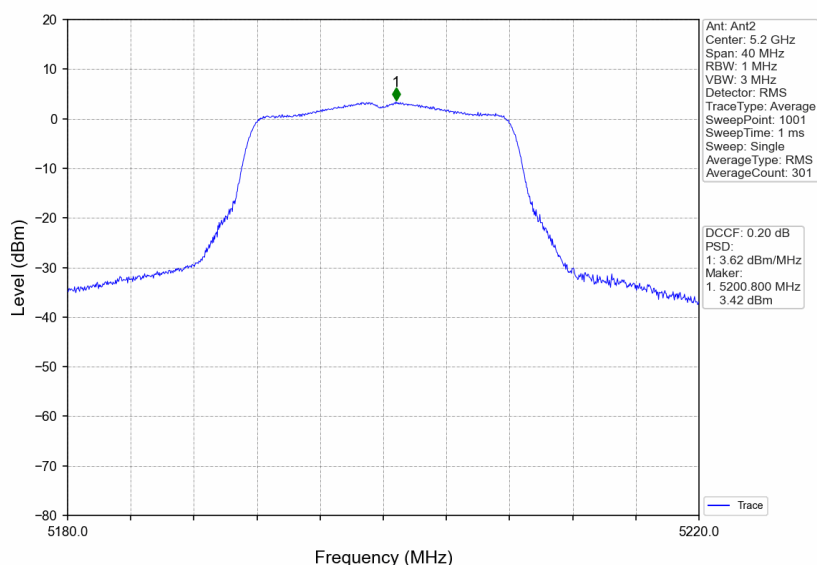
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



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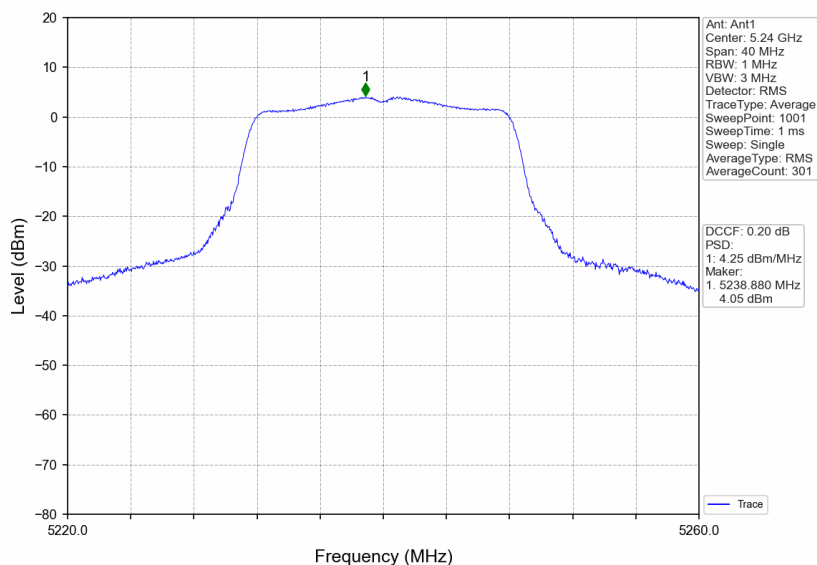
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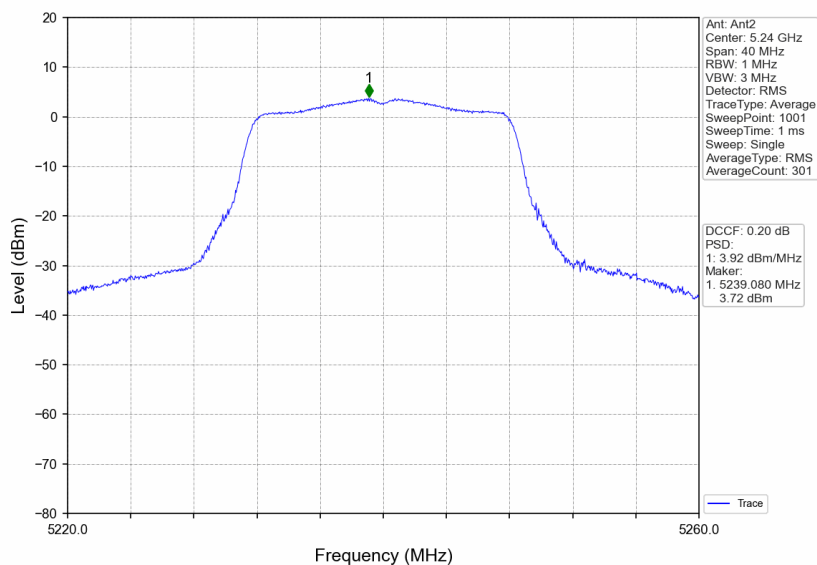
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



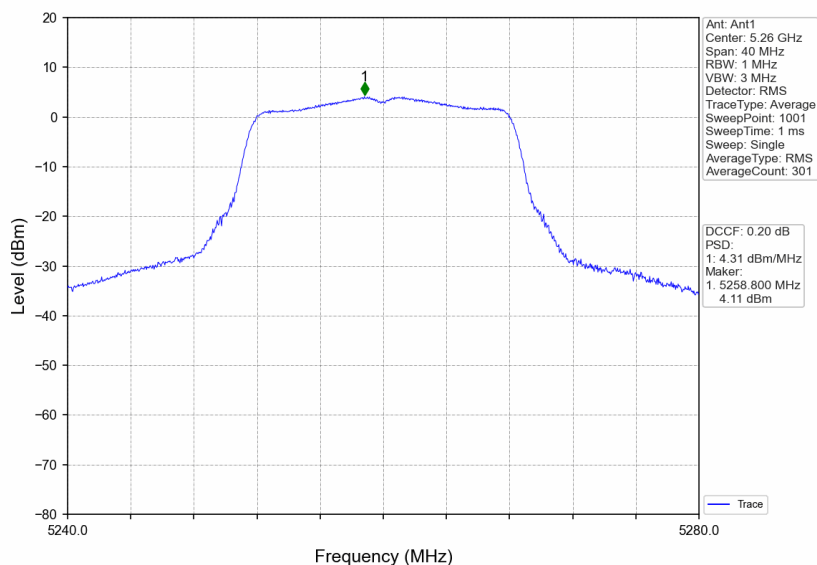
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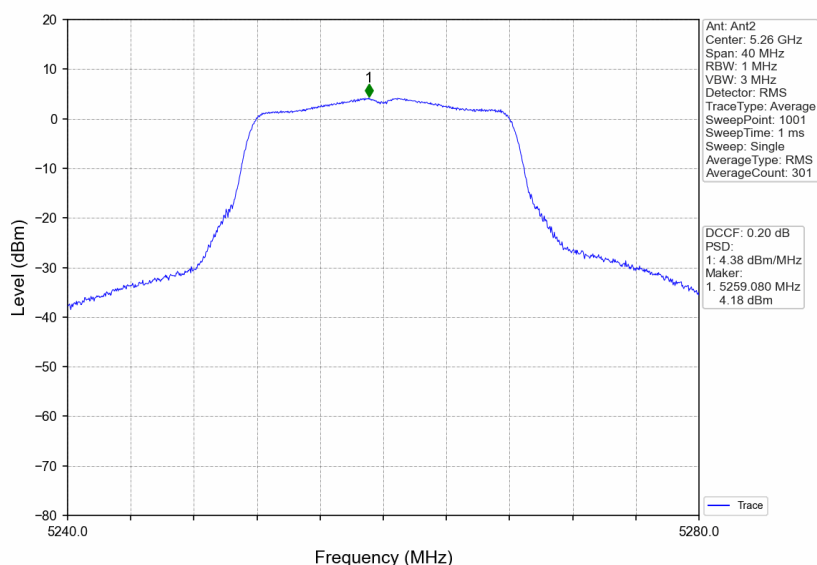
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802.11a LCH_5260MHz_Ant1_NTNV



802.11a LCH_5260MHz_Ant2_NTNV



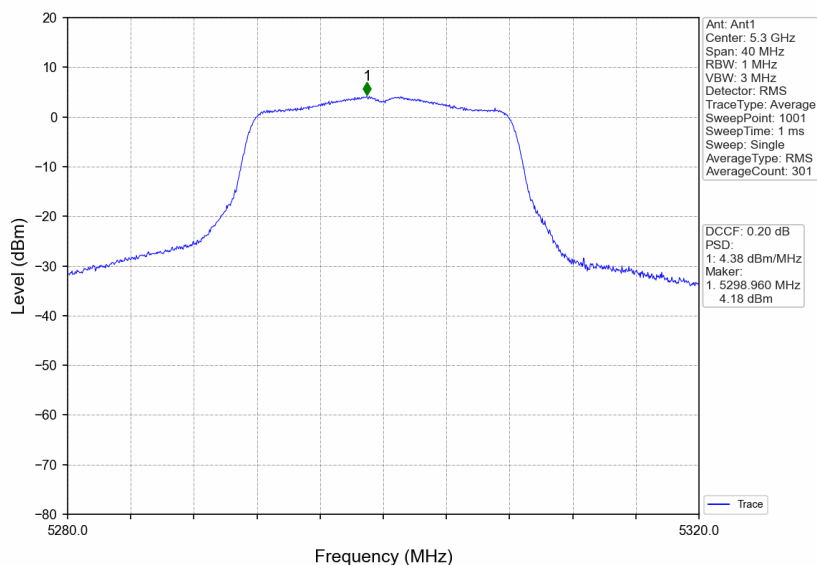
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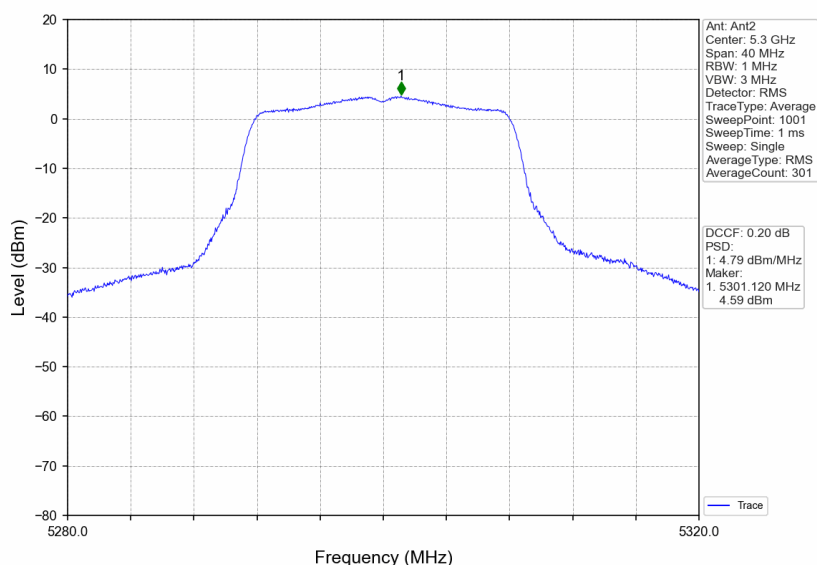
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



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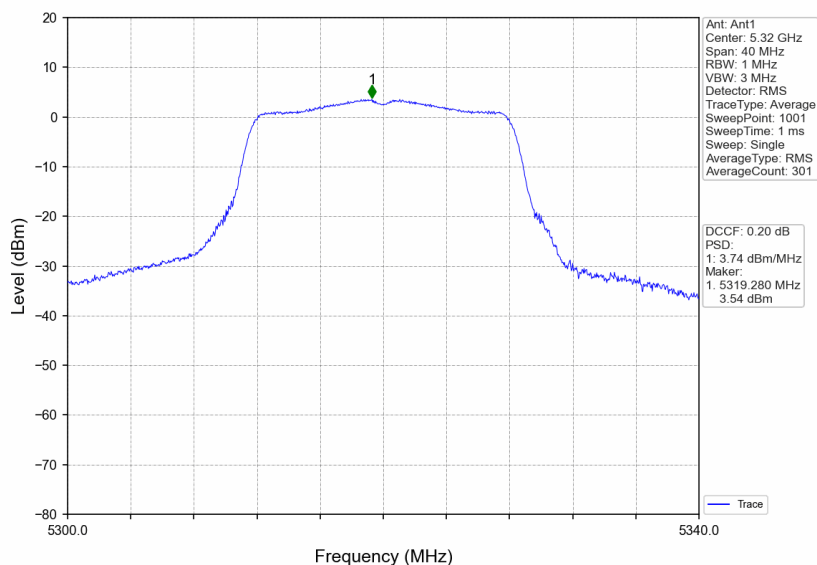
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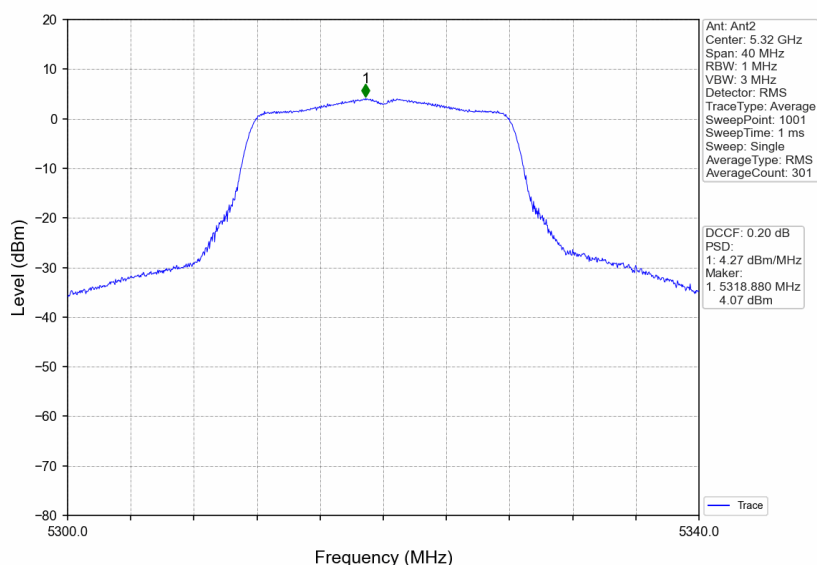
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802.11a_HCH_5320MHz_Ant1_NTNV



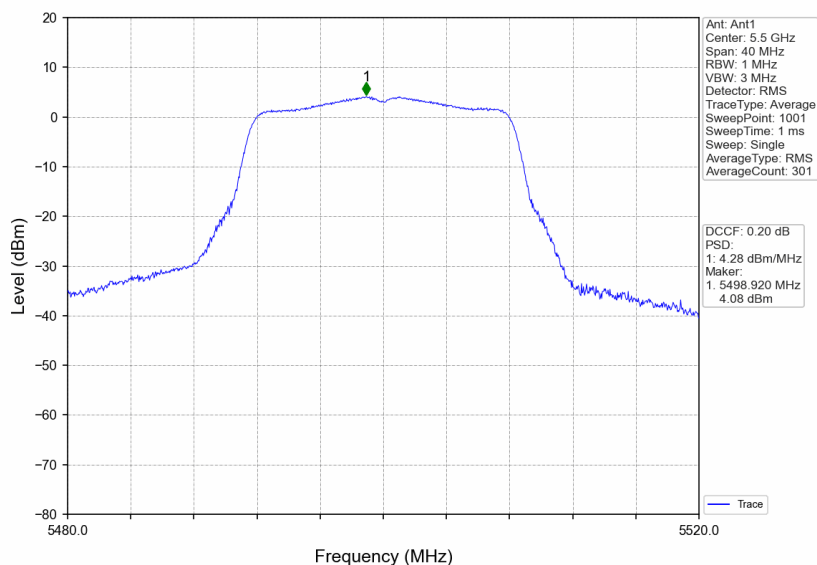
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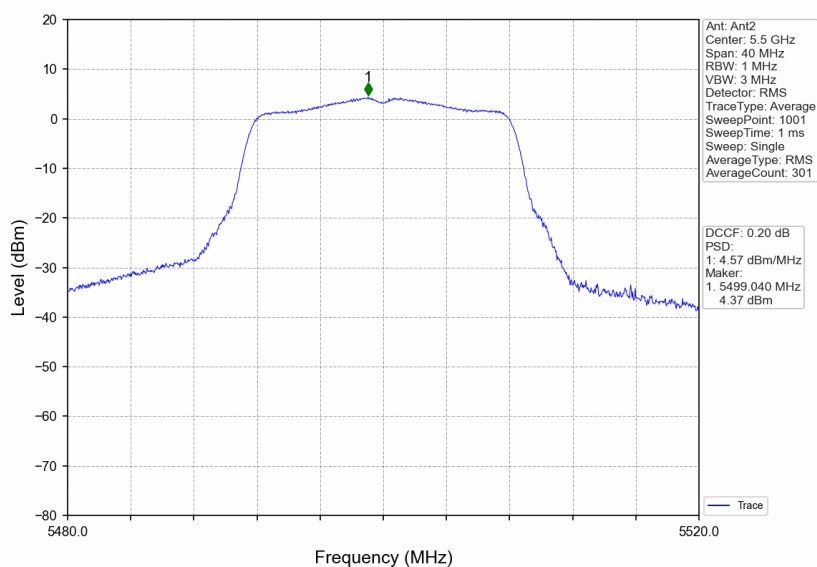
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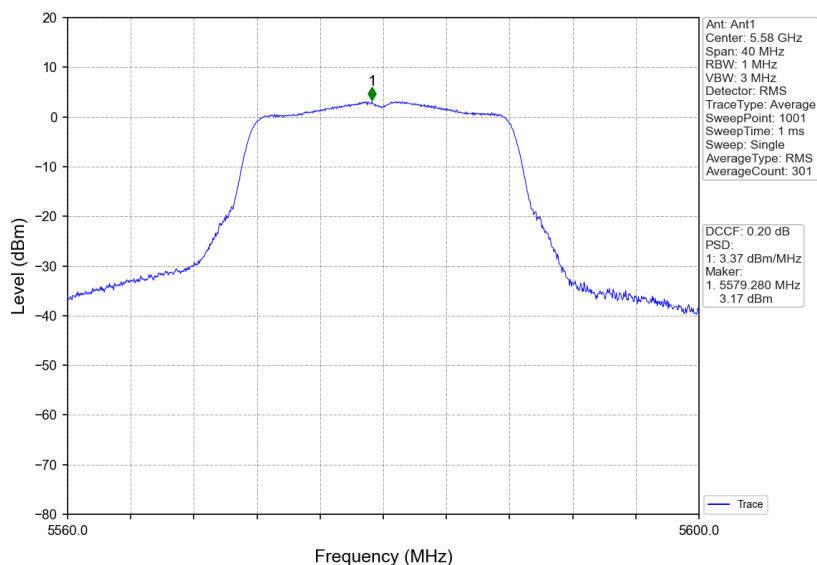
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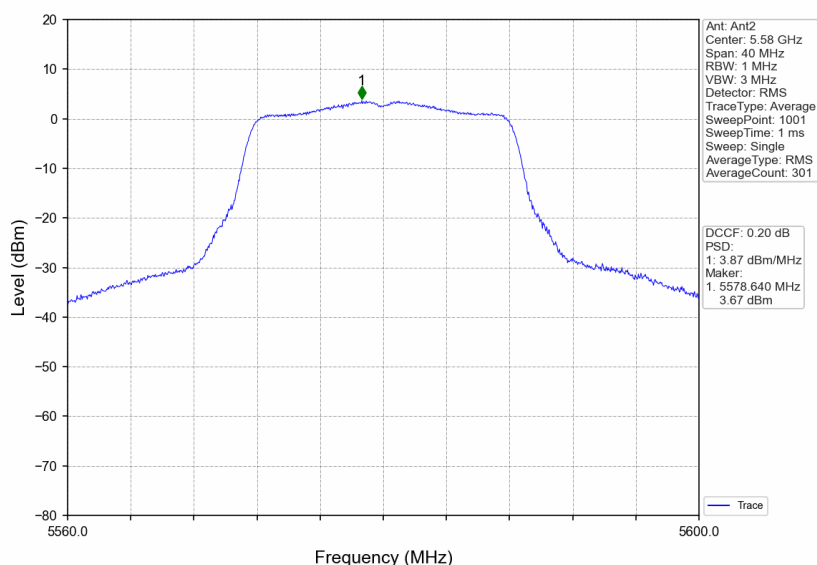
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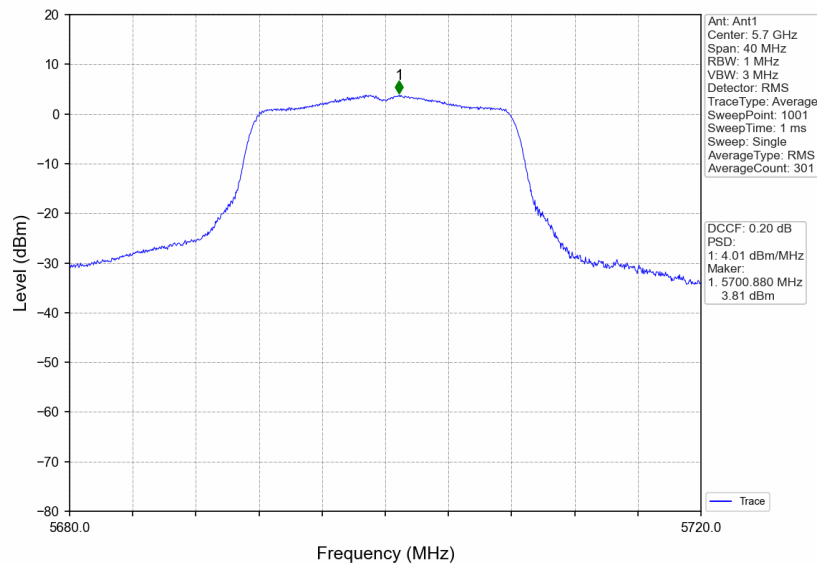
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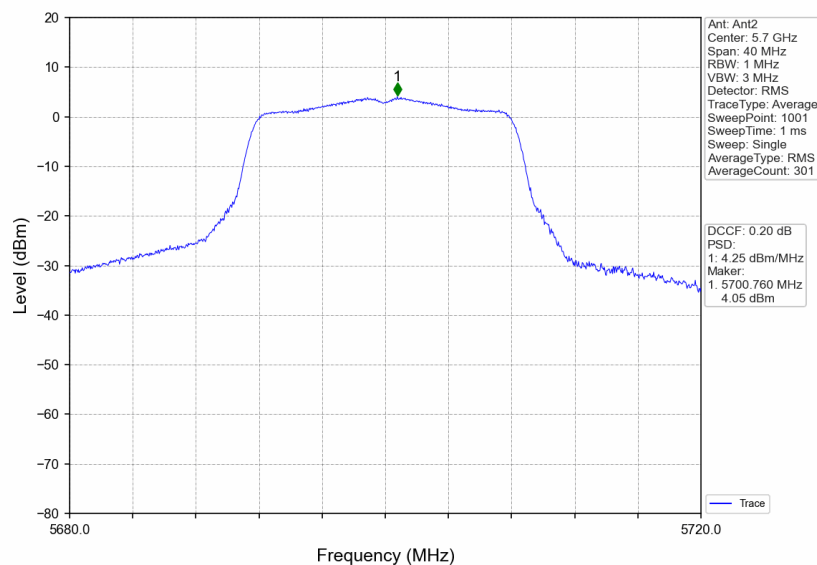
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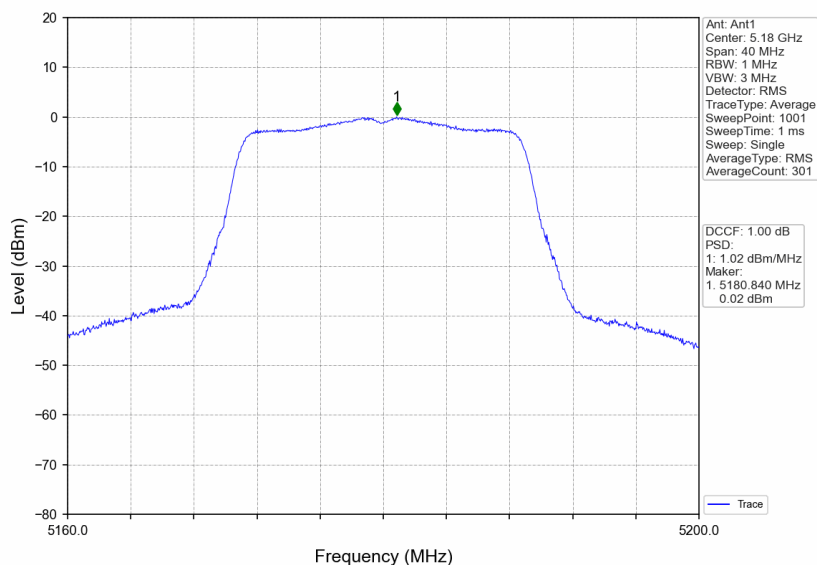
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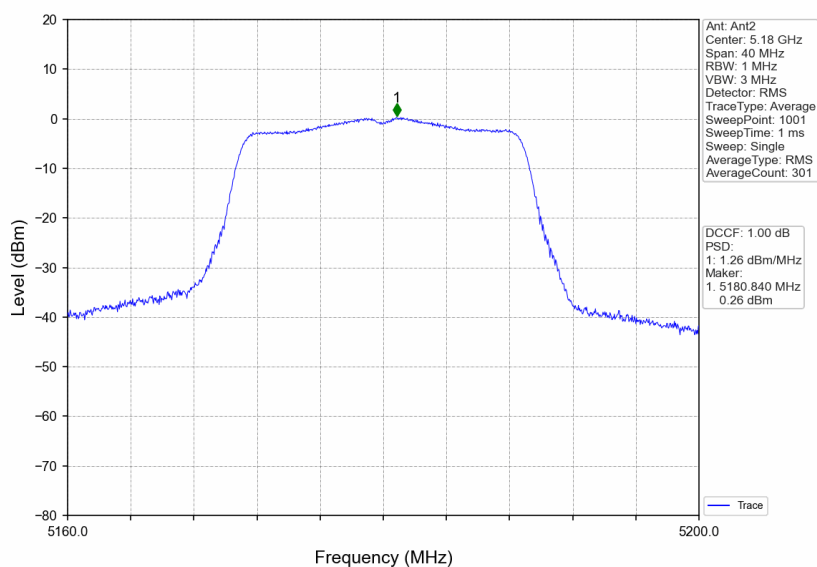
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802.11n(HT20) LCH 5180MHz Ant1 NTN



802.11n(HT20) LCH 5180MHz Ant2 NTN



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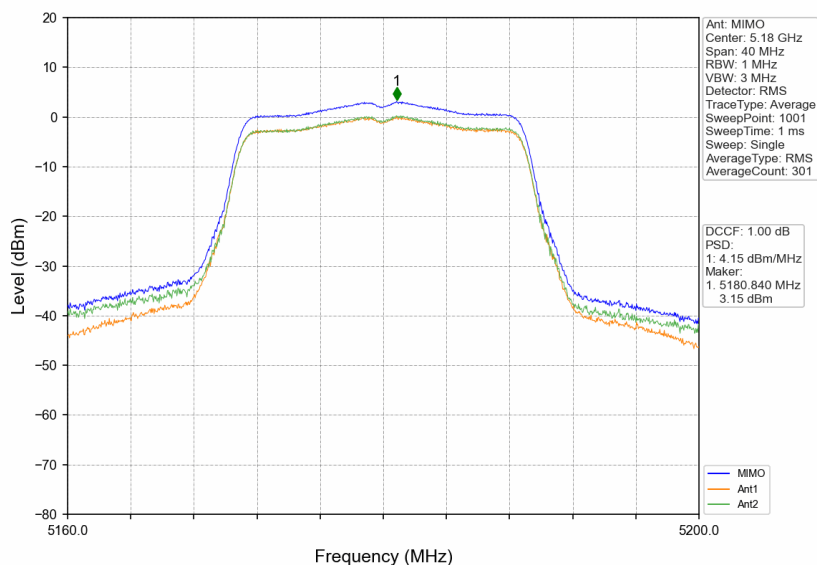
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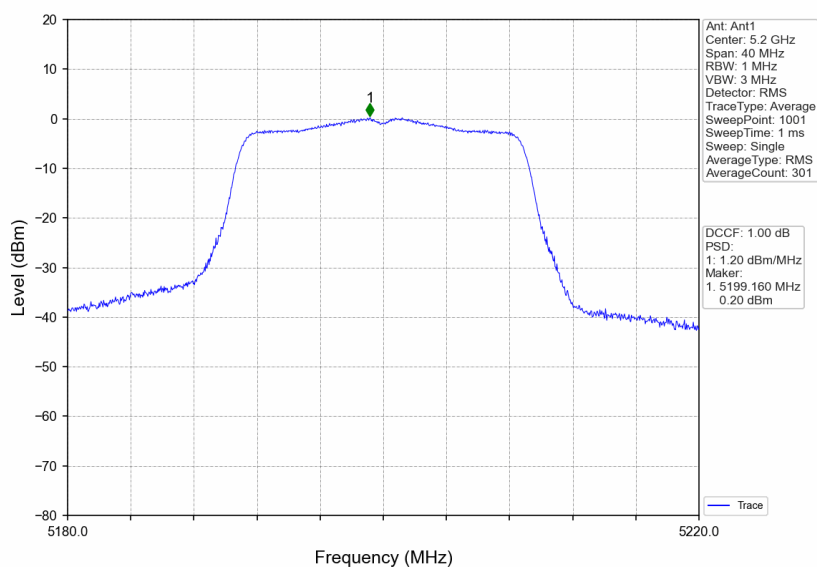
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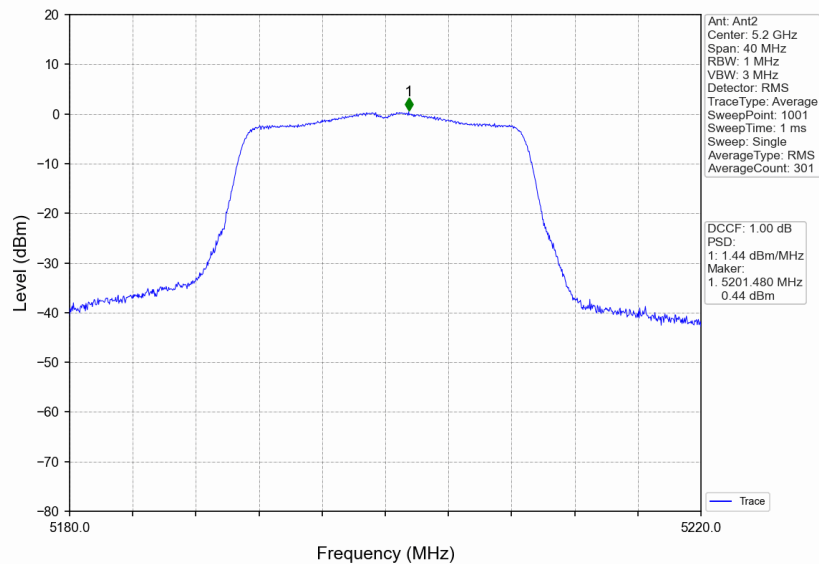
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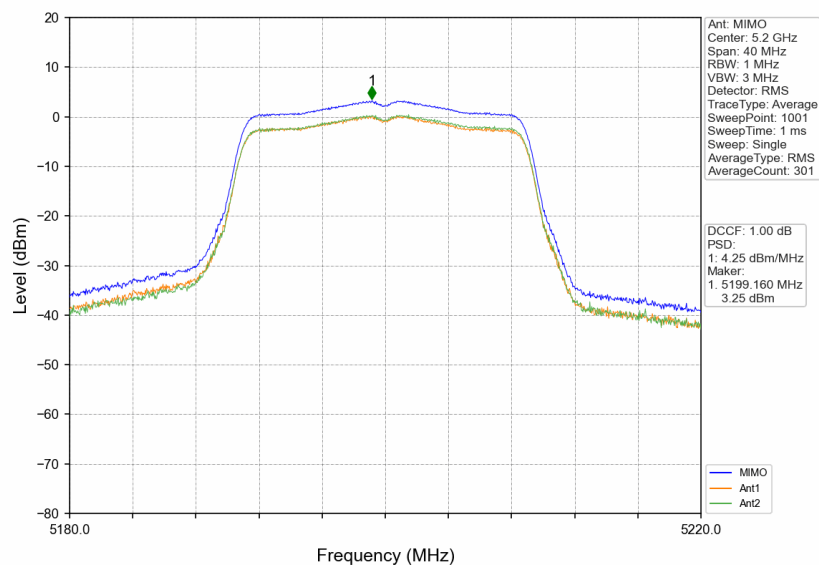
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802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



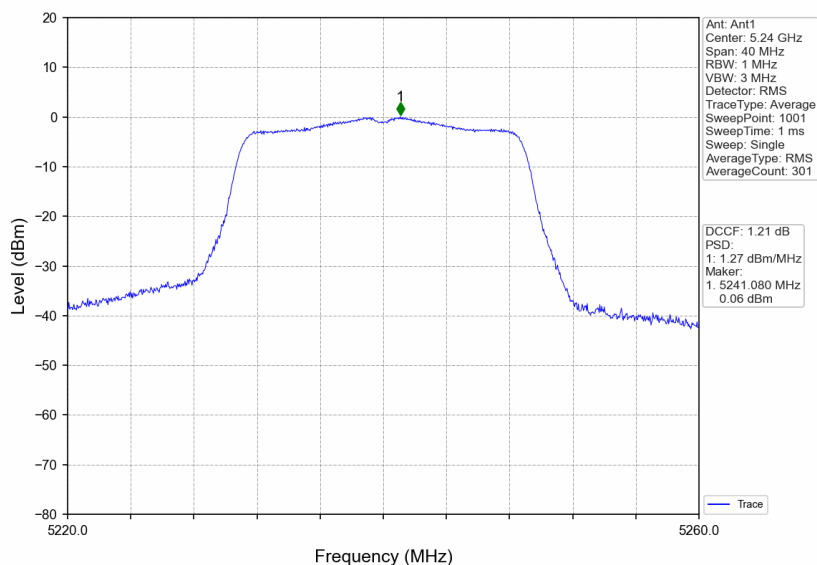
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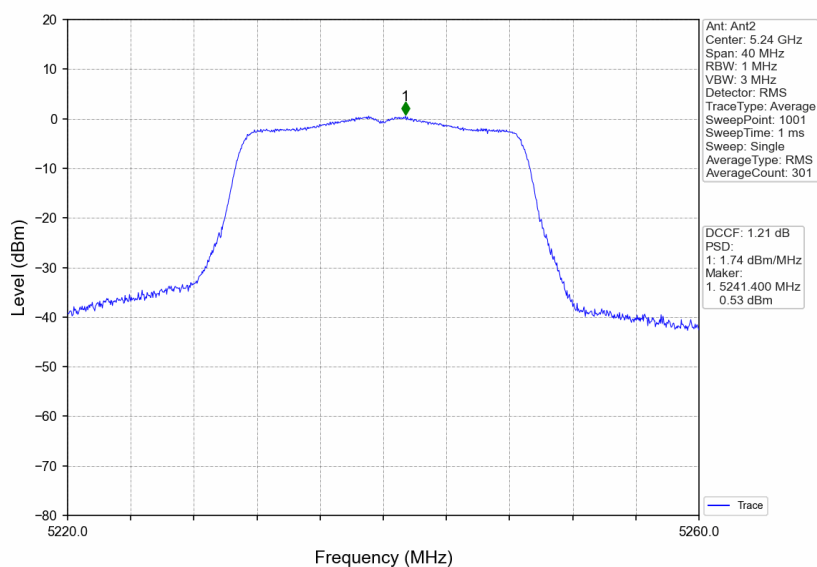
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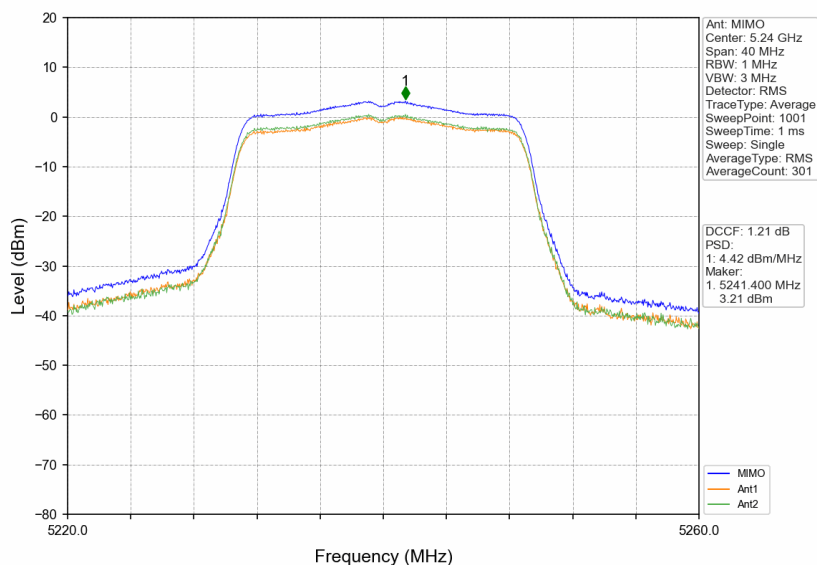
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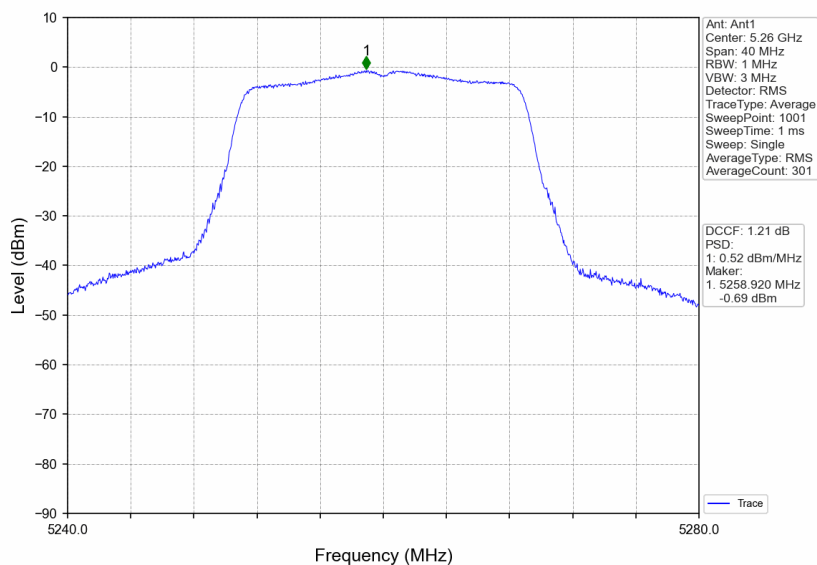
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802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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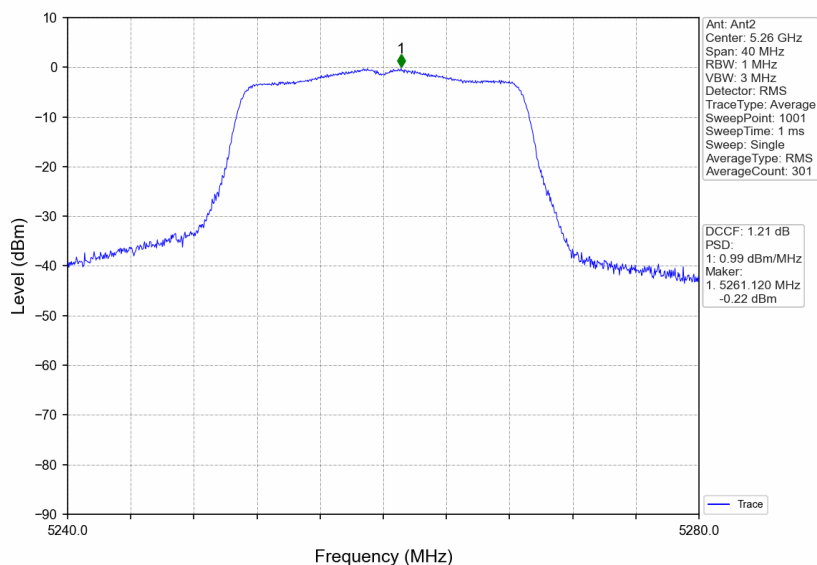
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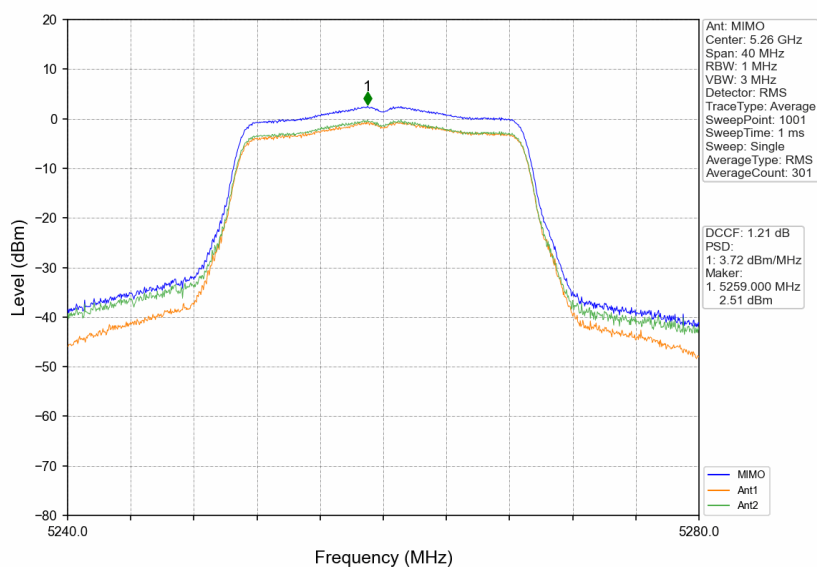
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802.11n(HT20) LCH_5260MHz_Ant2_NTNV



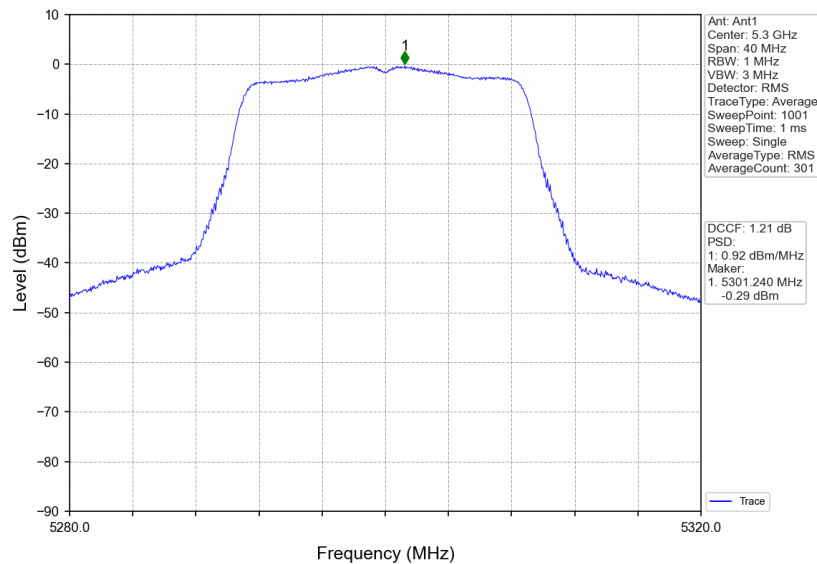
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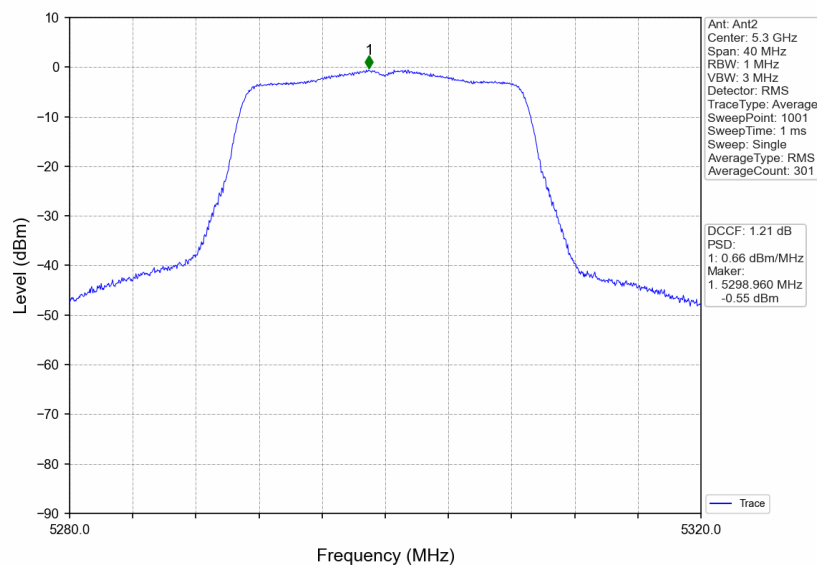
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



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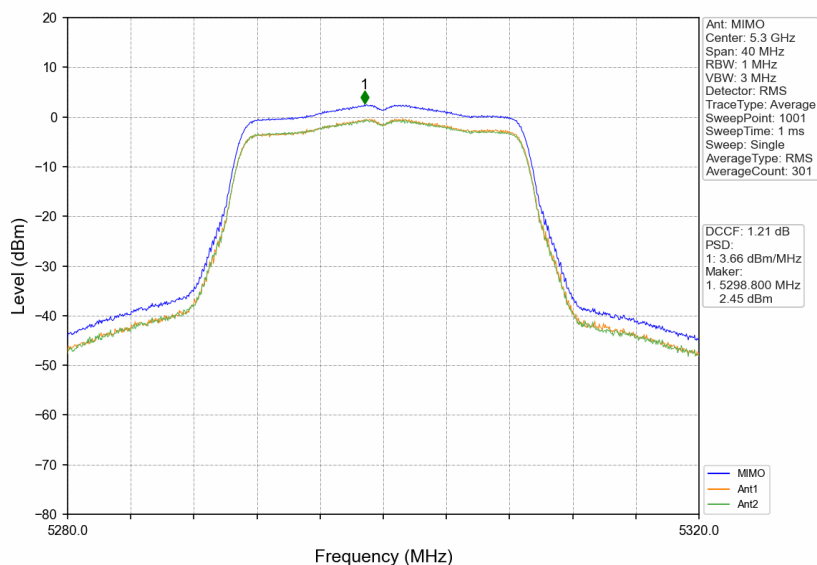
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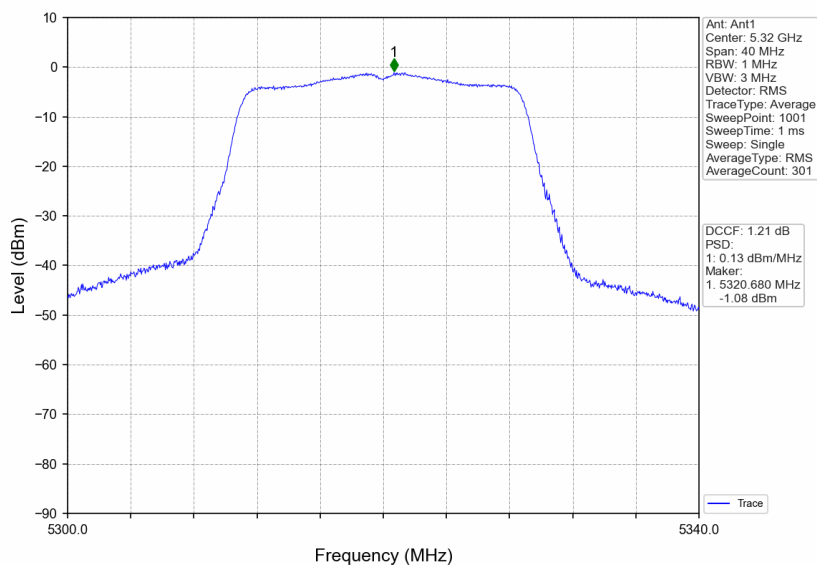
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802.11n(HT20) MCH 5300MHz MIMO NTN



802.11n(HT20) HCH 5320MHz Ant1 NTN



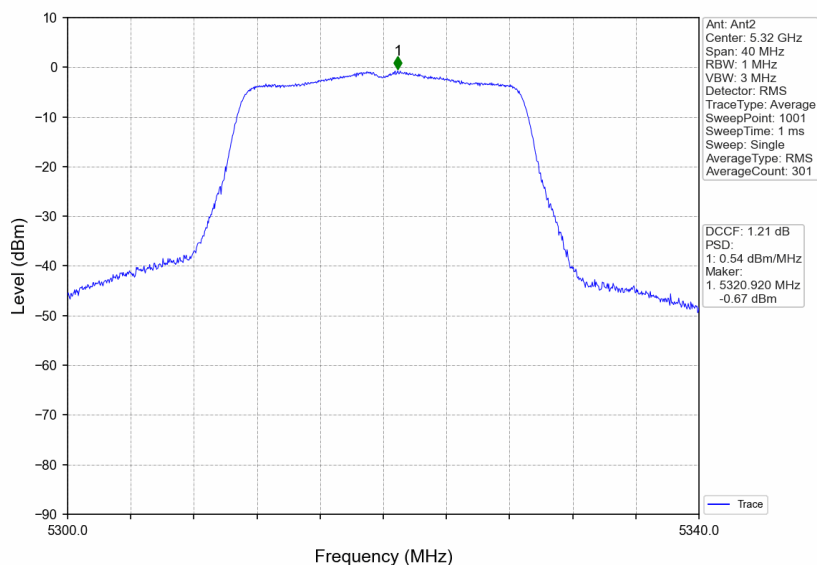
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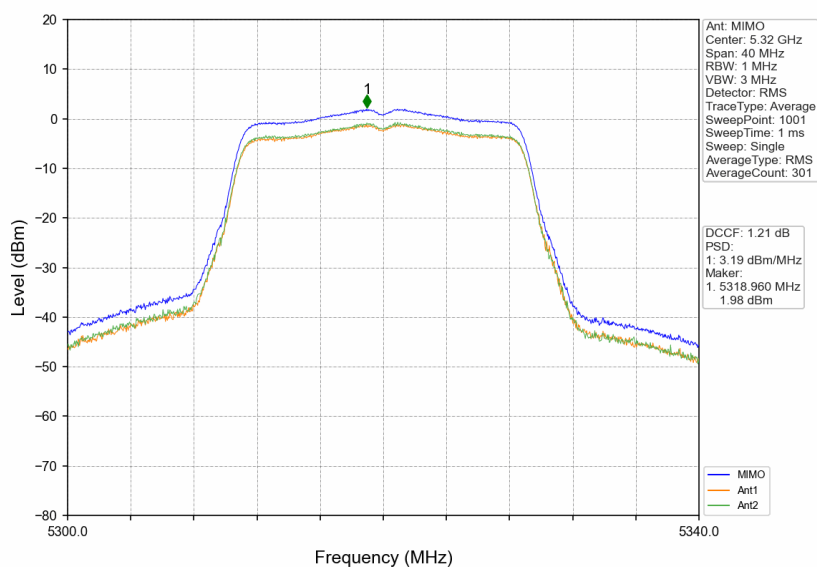
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802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



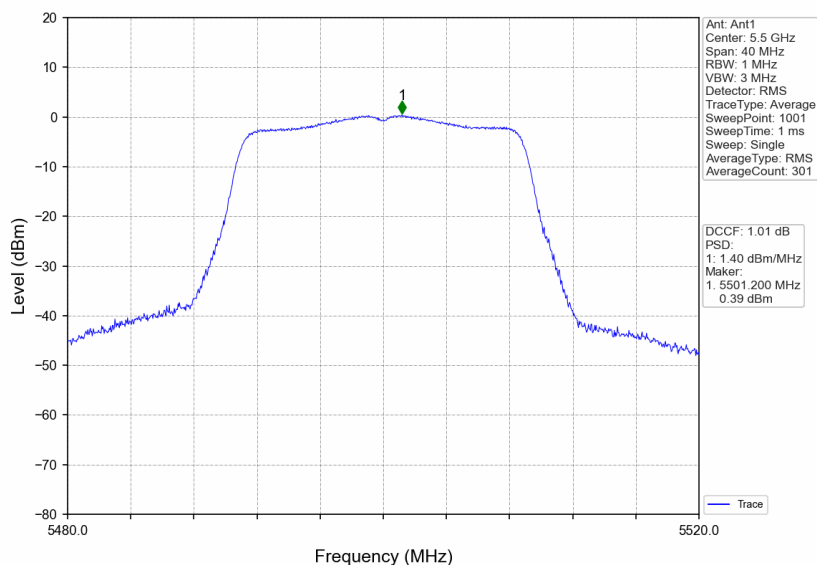
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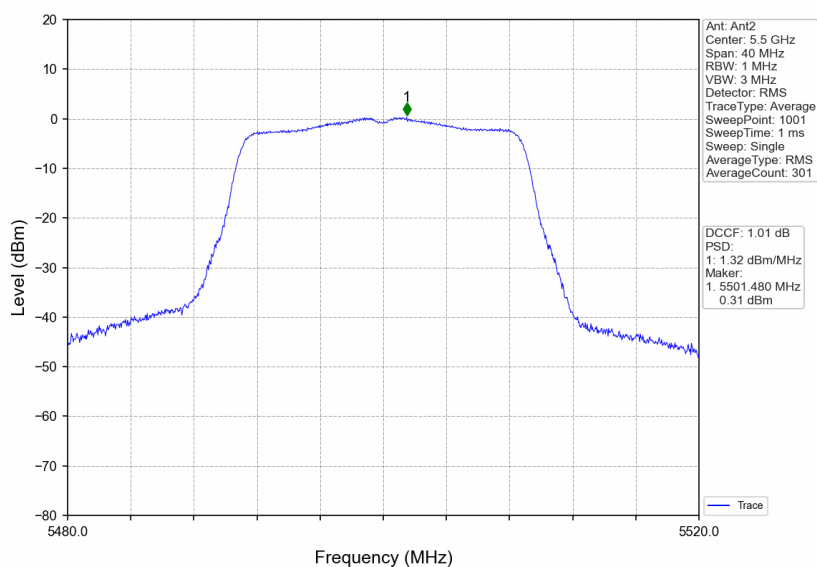
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802.11n(HT20) LCH_5500MHz_Ant1_NTNV



802.11n(HT20) LCH_5500MHz_Ant2_NTNV



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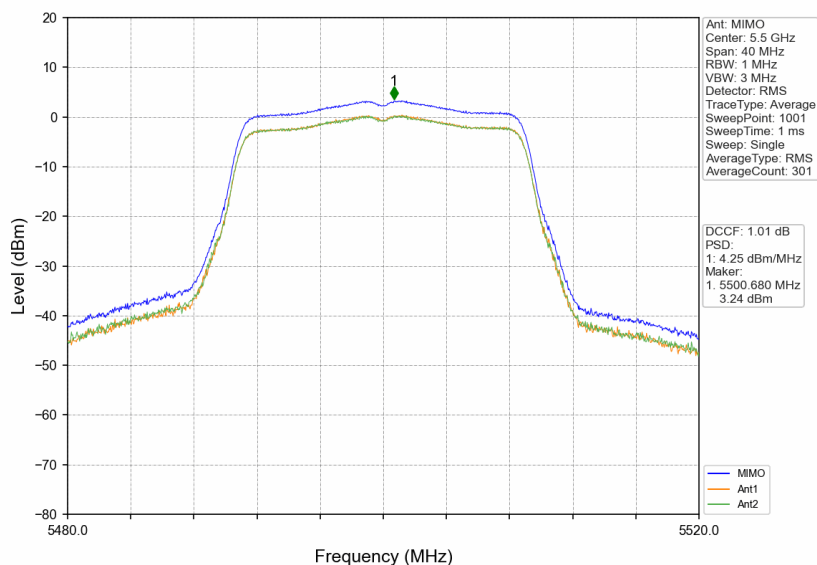
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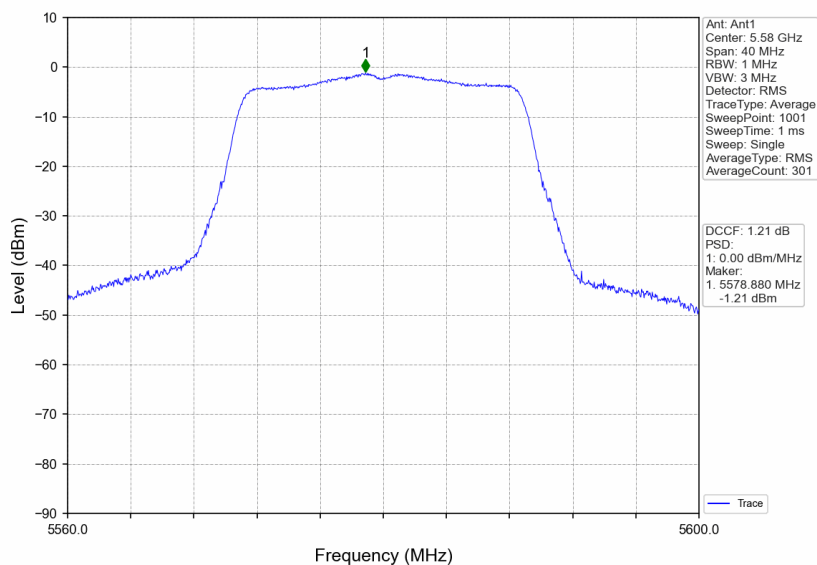
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802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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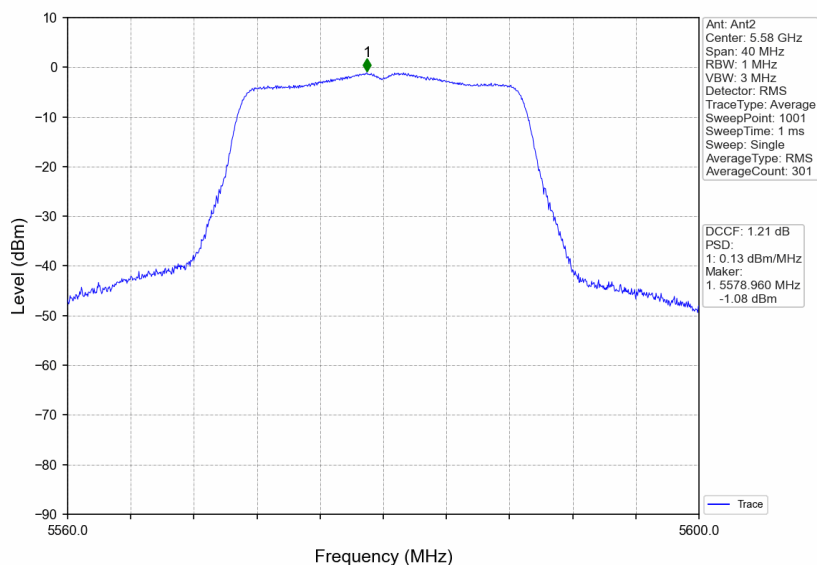
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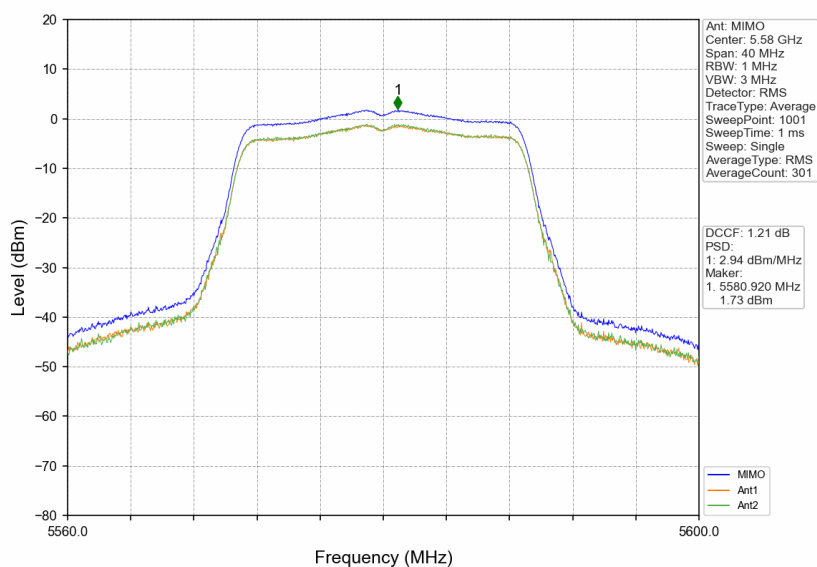
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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



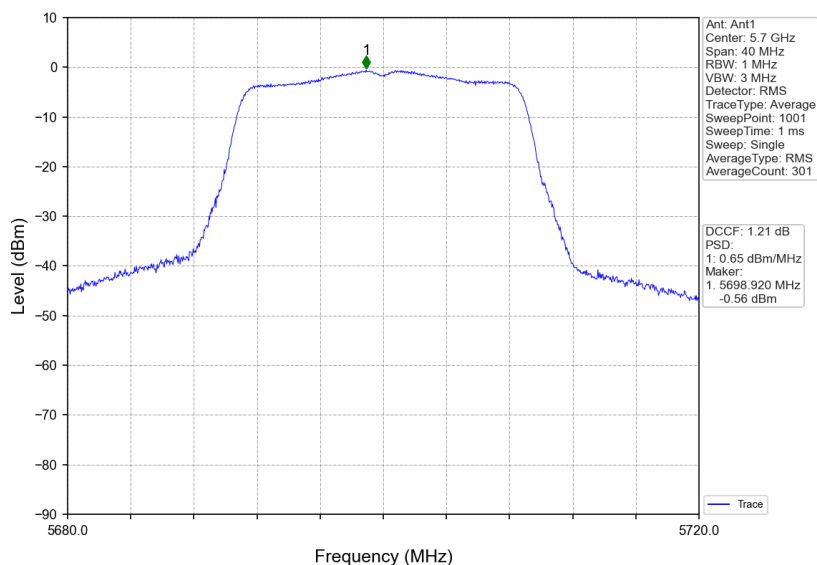
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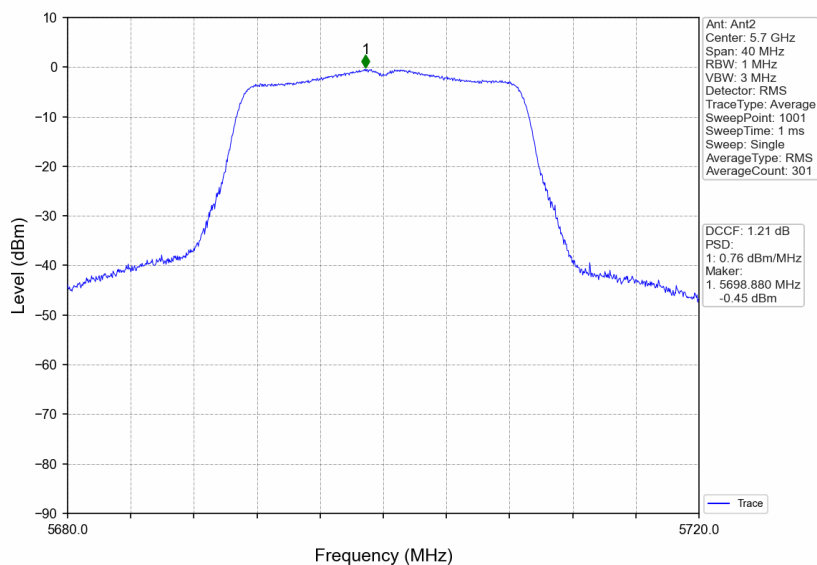
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



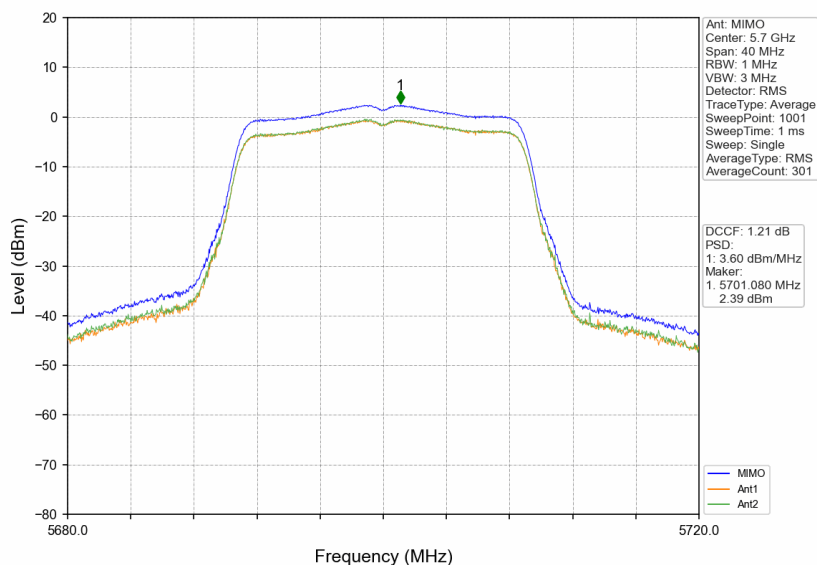
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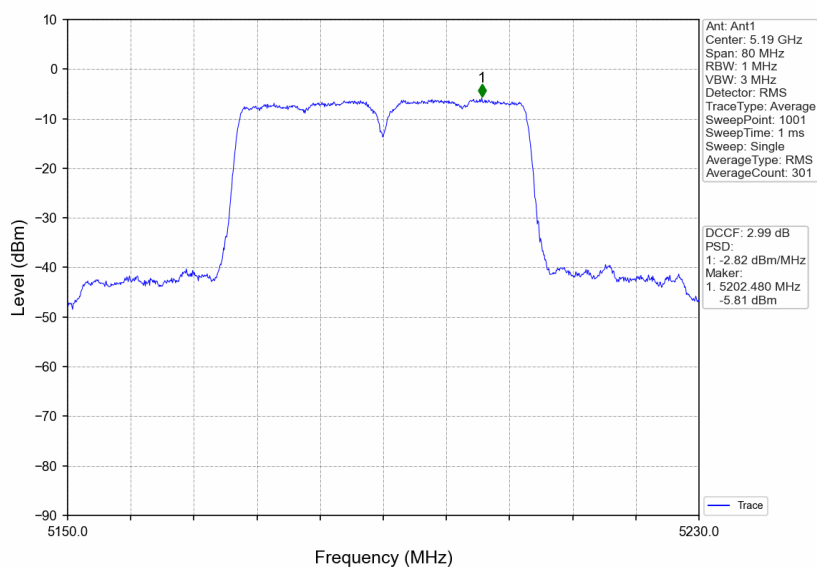
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802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



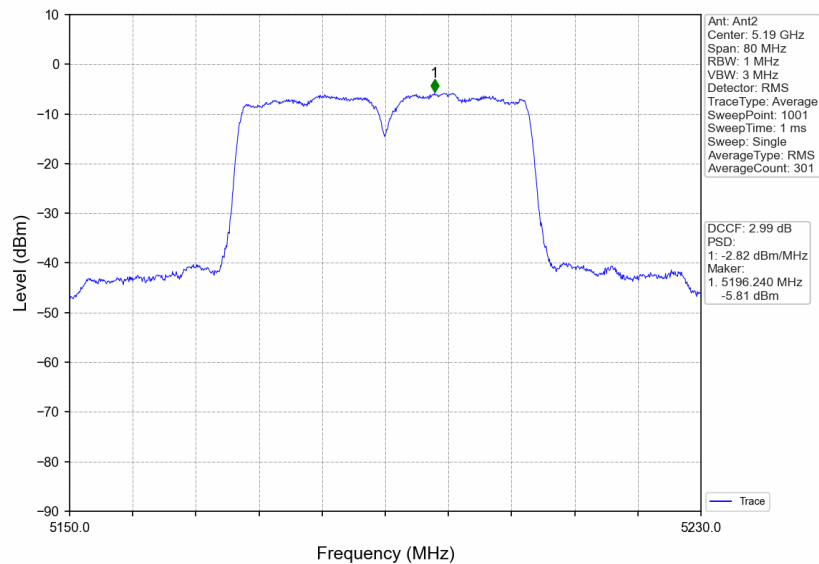
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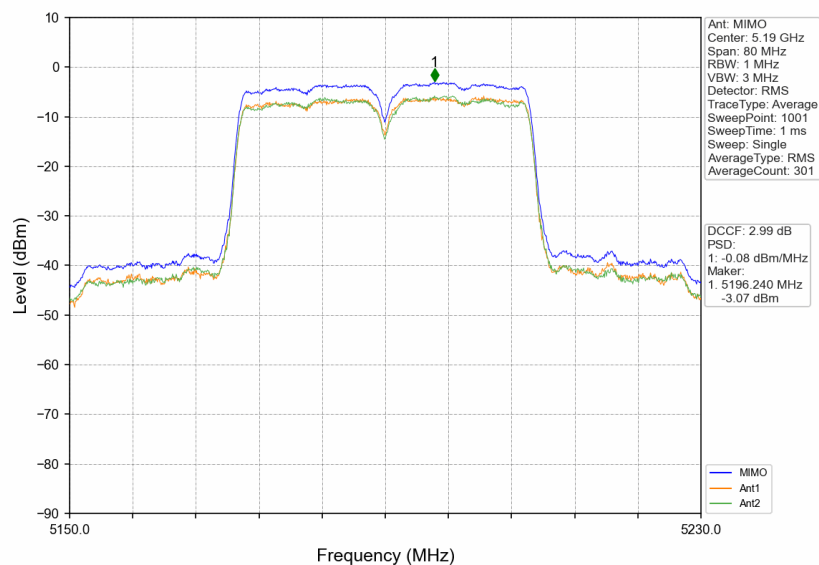
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802.11n(HT40) LCH_5190MHz_Ant2_NTNV



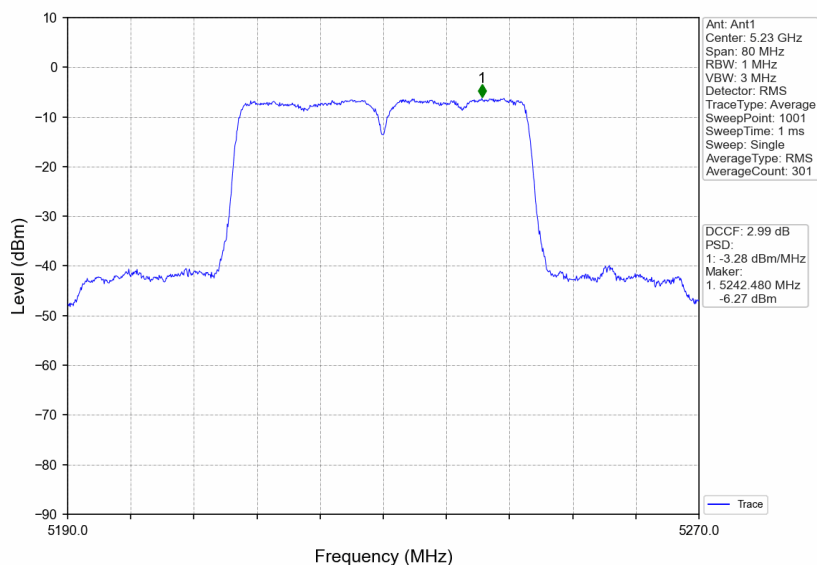
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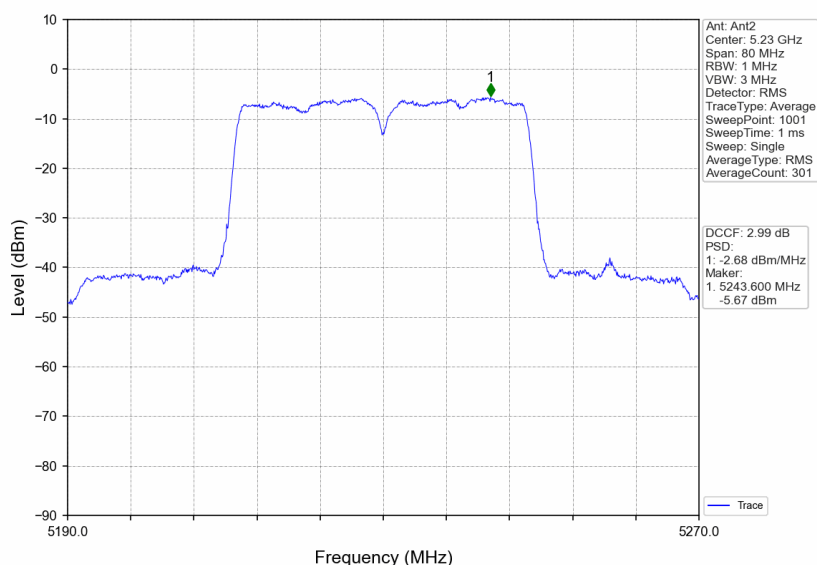
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802.11n(HT40) HCH 5230MHz_Ant1_NTNV



802.11n(HT40) HCH 5230MHz_Ant2_NTNV



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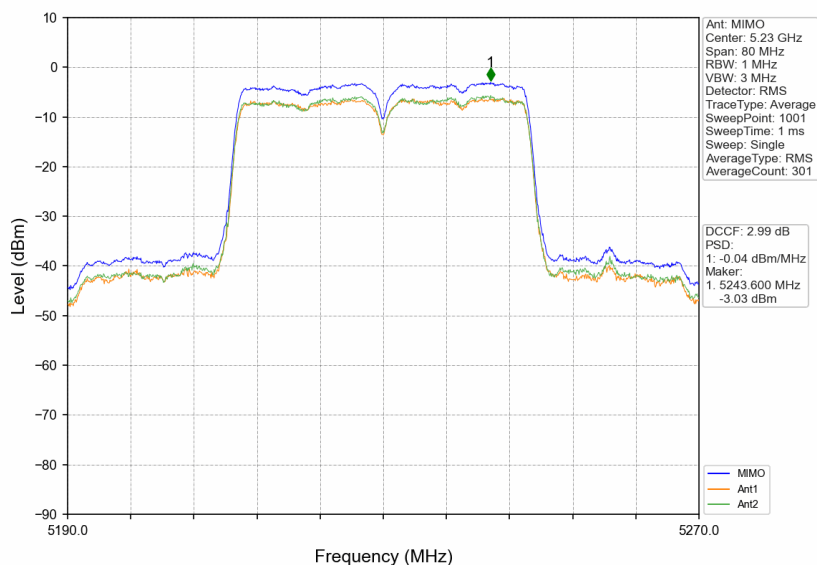
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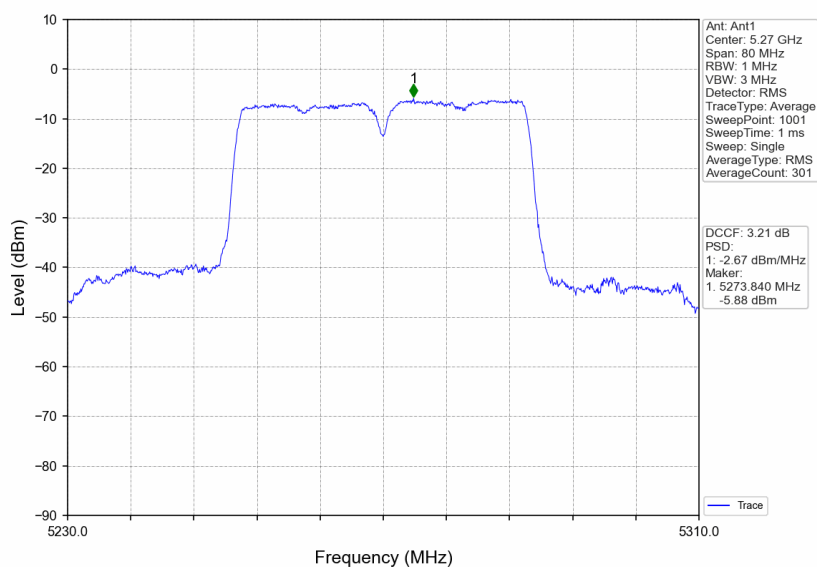
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802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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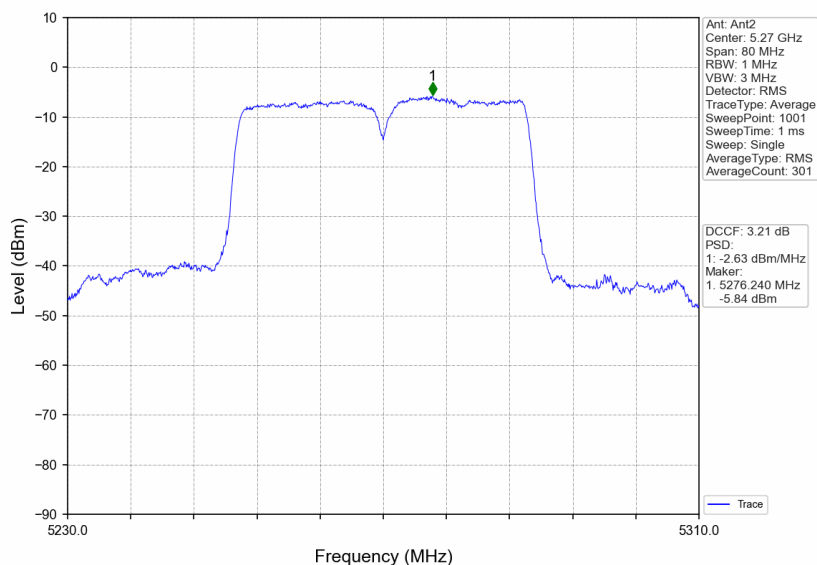
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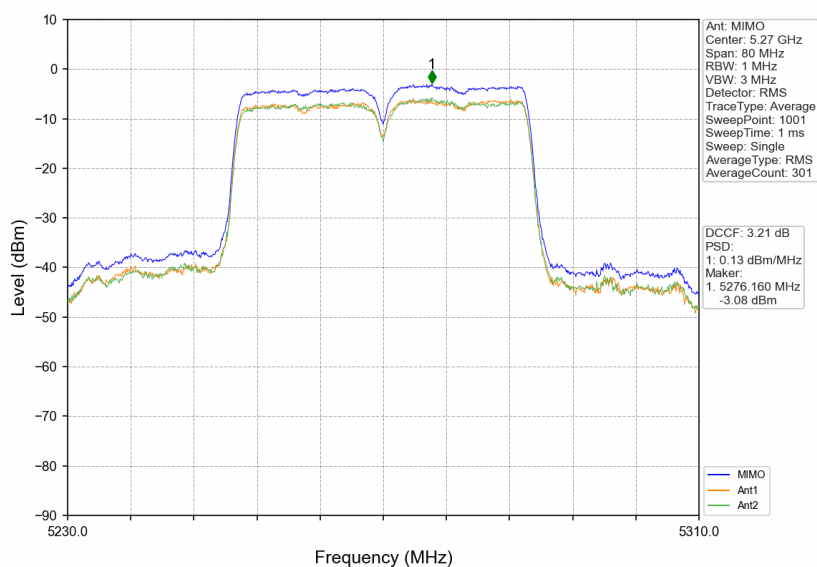
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802.11n(HT40) LCH_5270MHz_Ant2_NTNV



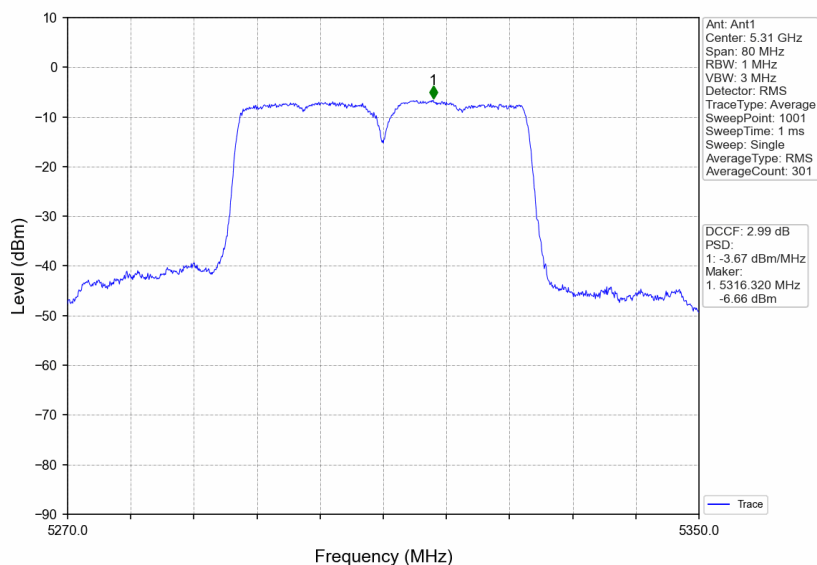
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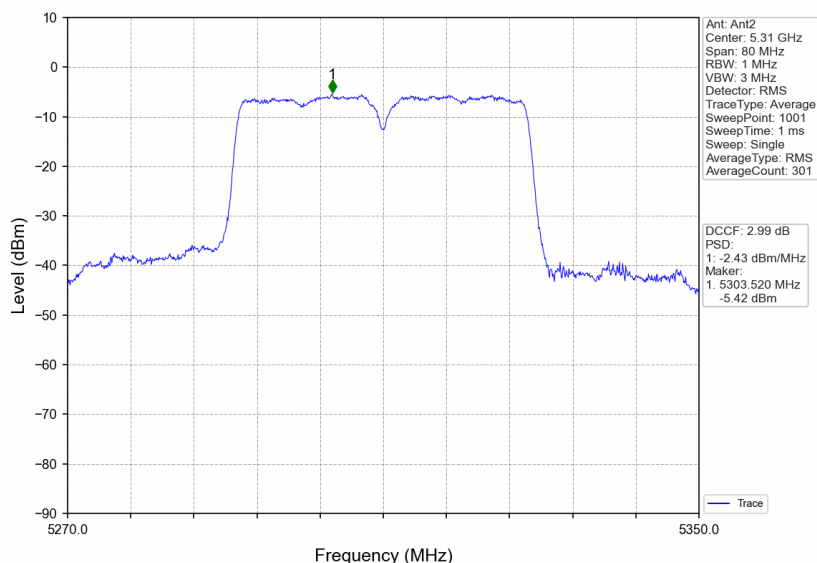
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802.11n(HT40) HCH 5310MHz_Ant1_NTNV



802.11n(HT40) HCH 5310MHz_Ant2_NTNV



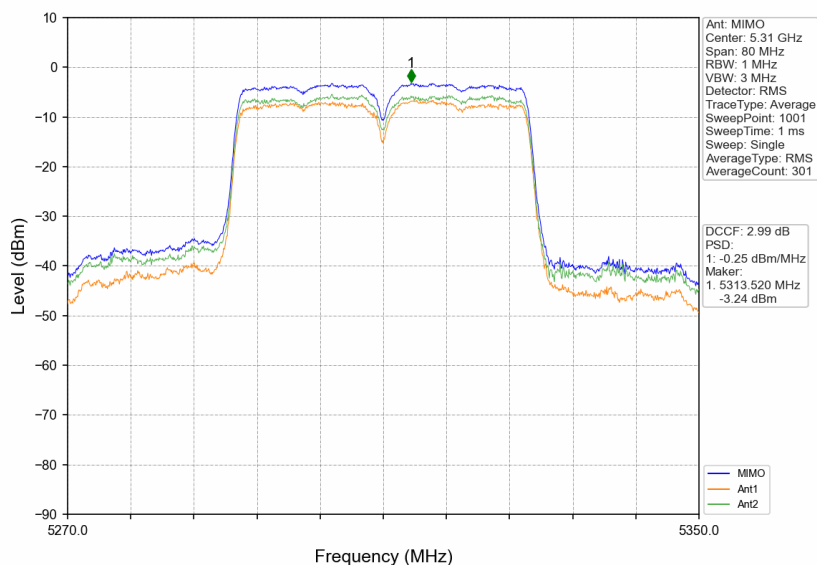
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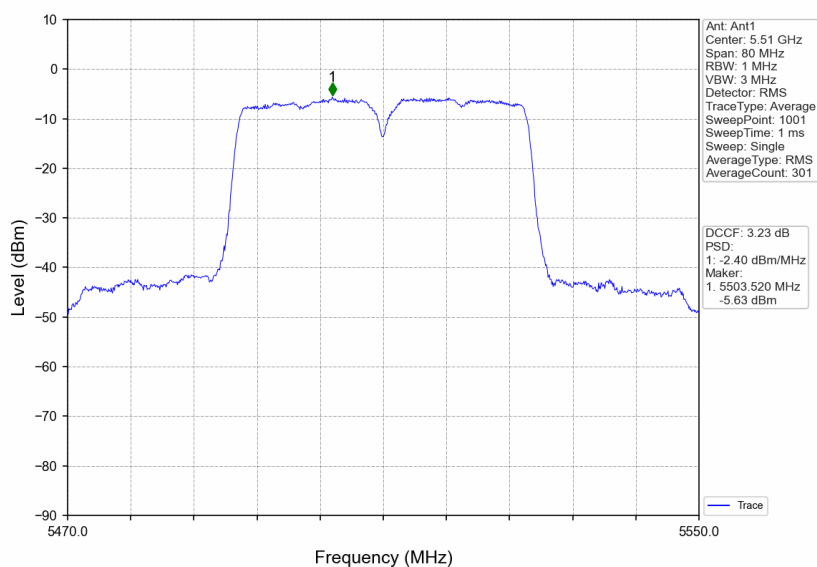
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802.11n(HT40)_HCH_5310MHz_MIMO_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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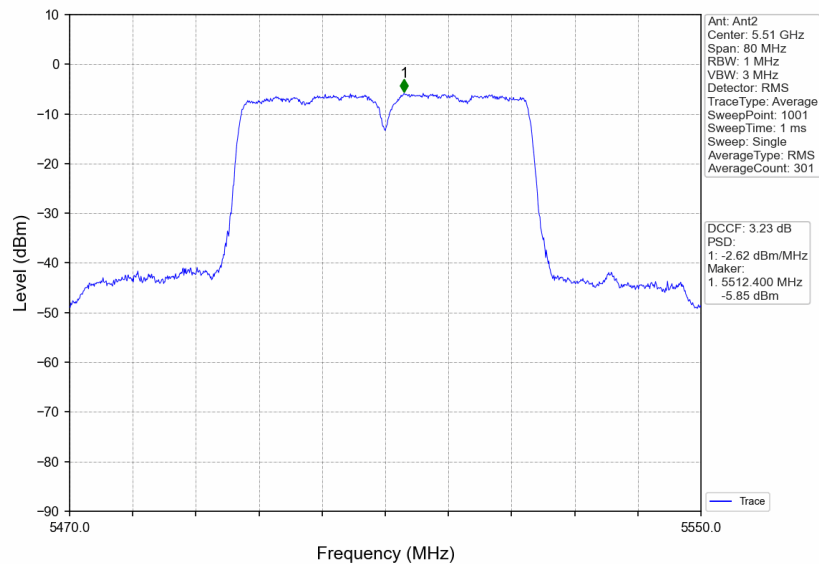
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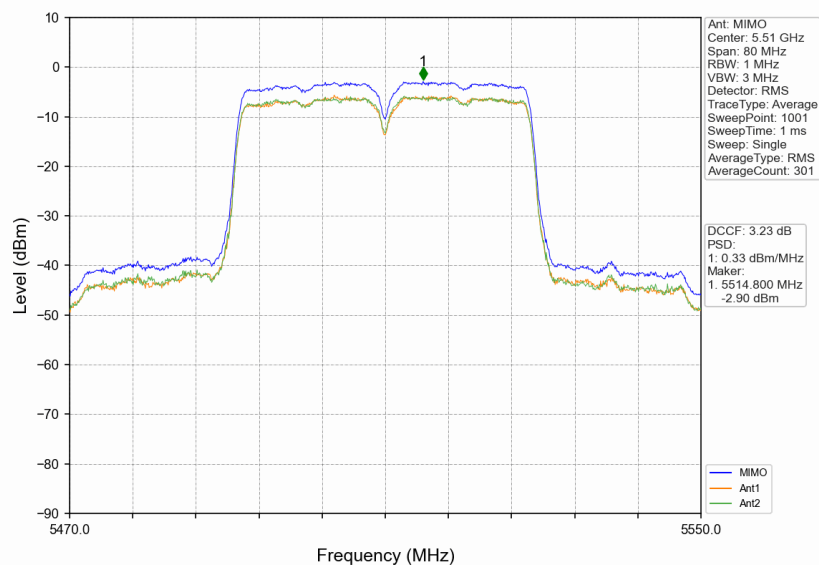
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802.11n(HT40) LCH_5510MHz_Ant2_NTNV



802.11n(HT40) LCH_5510MHz_MIMO_NTNV



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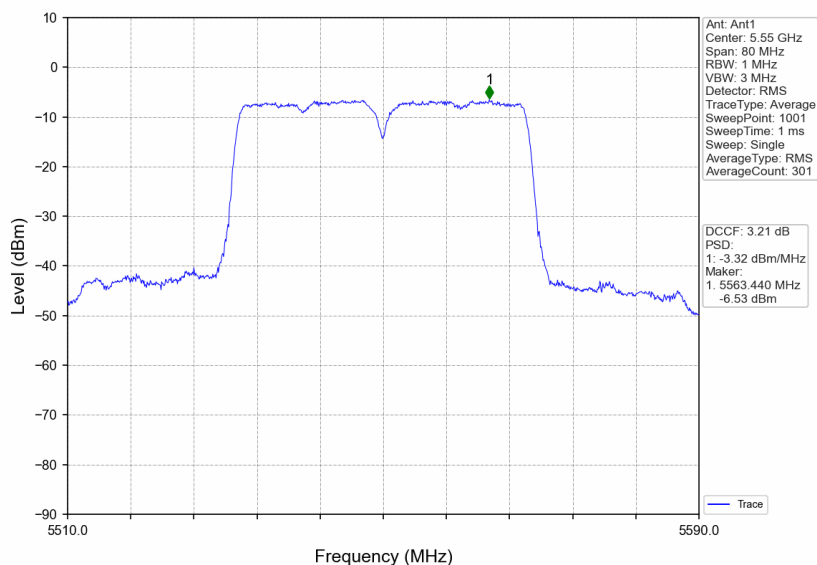
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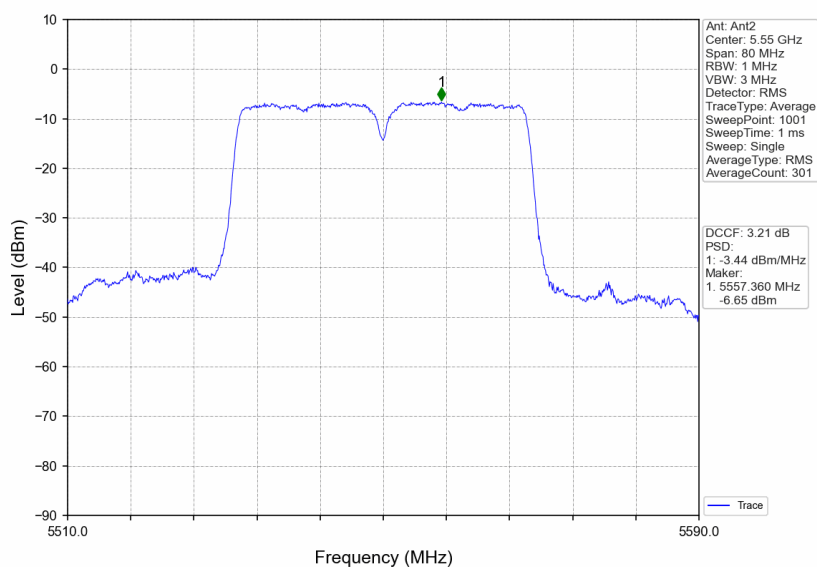
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802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



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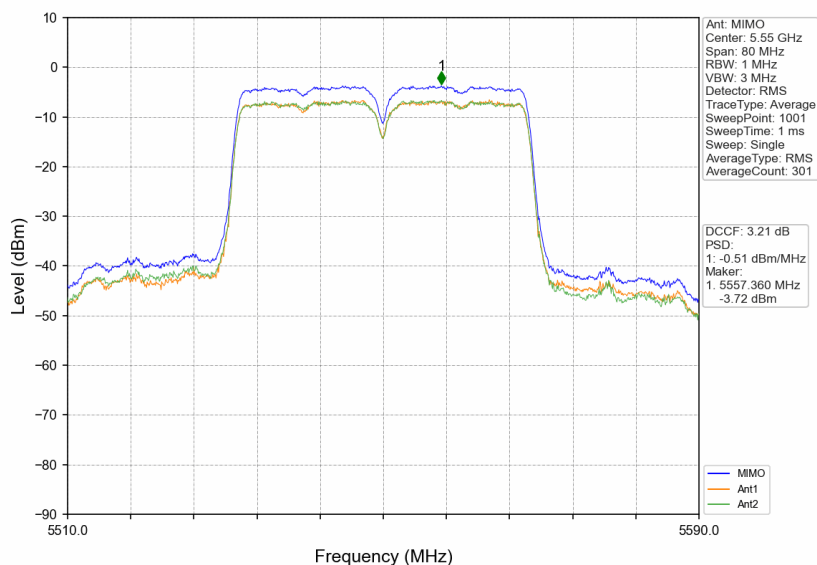
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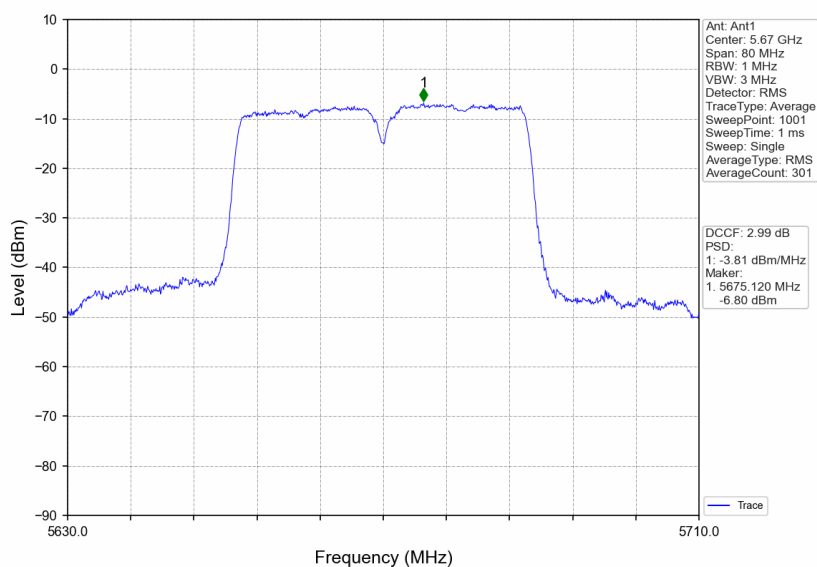
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802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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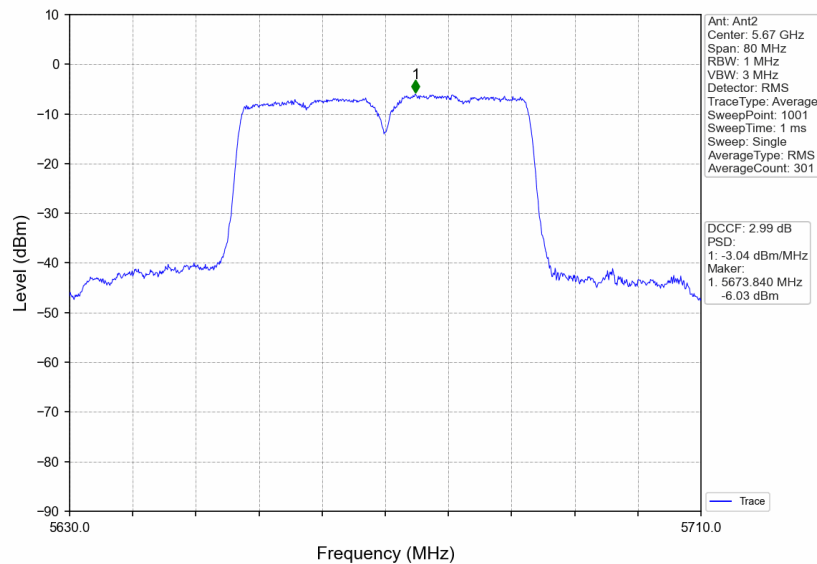
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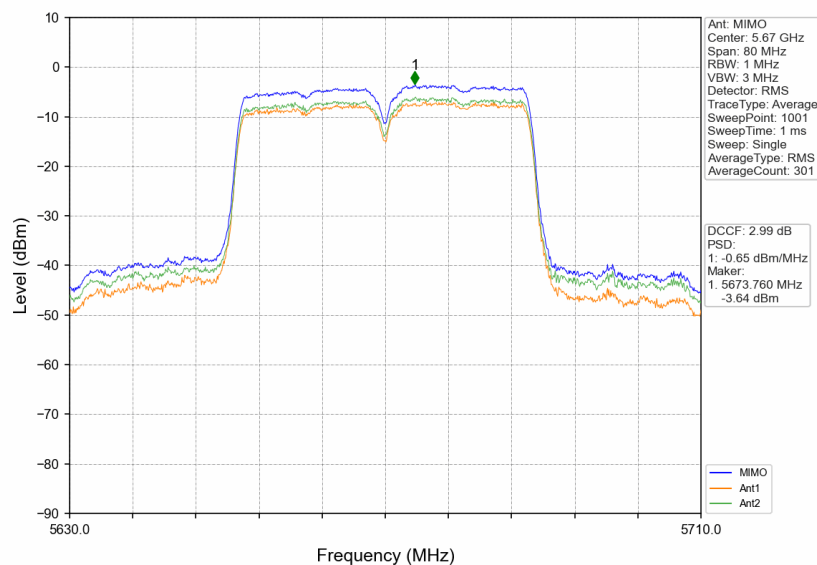
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802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



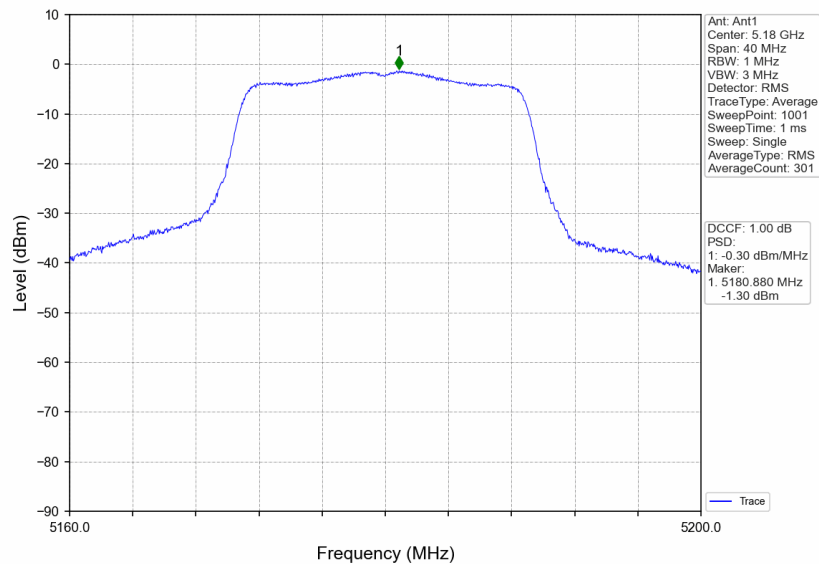
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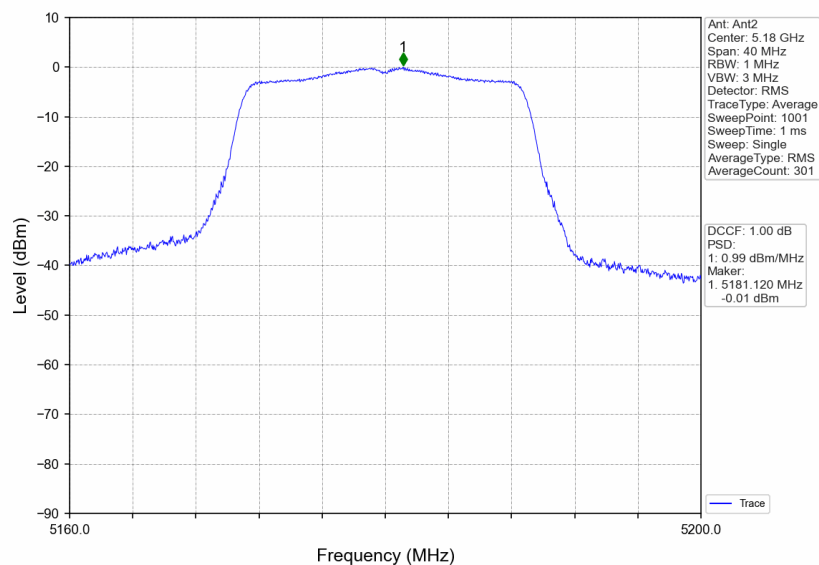
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802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



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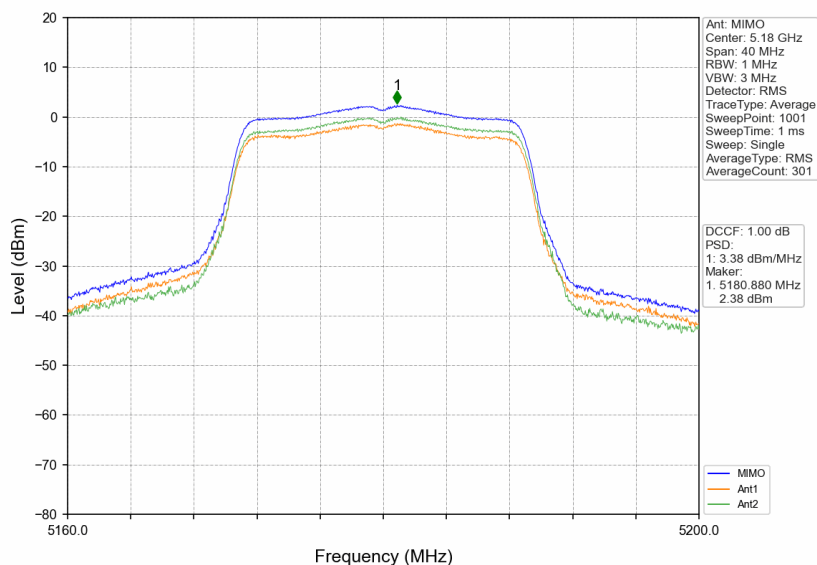
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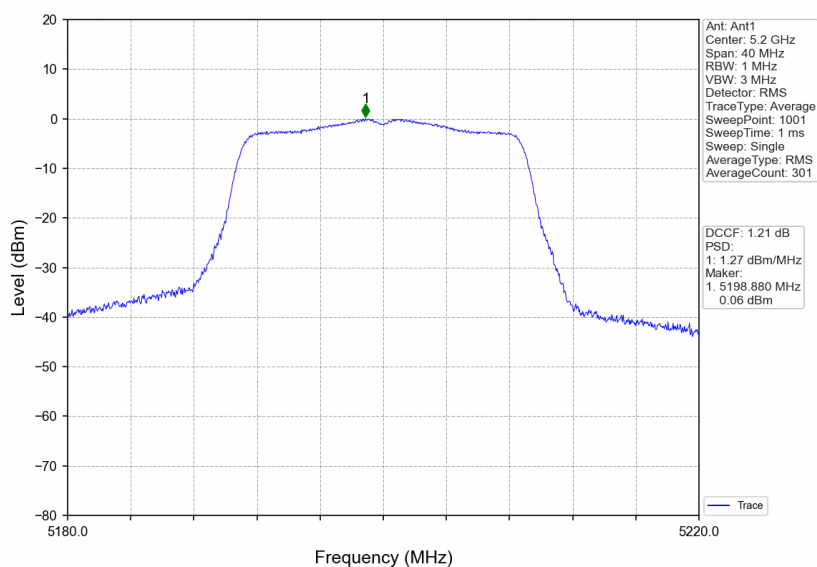
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802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



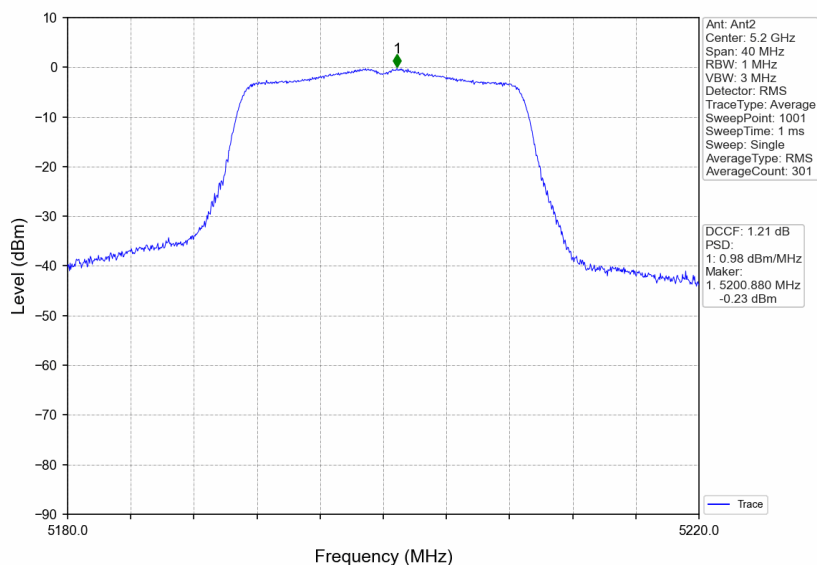
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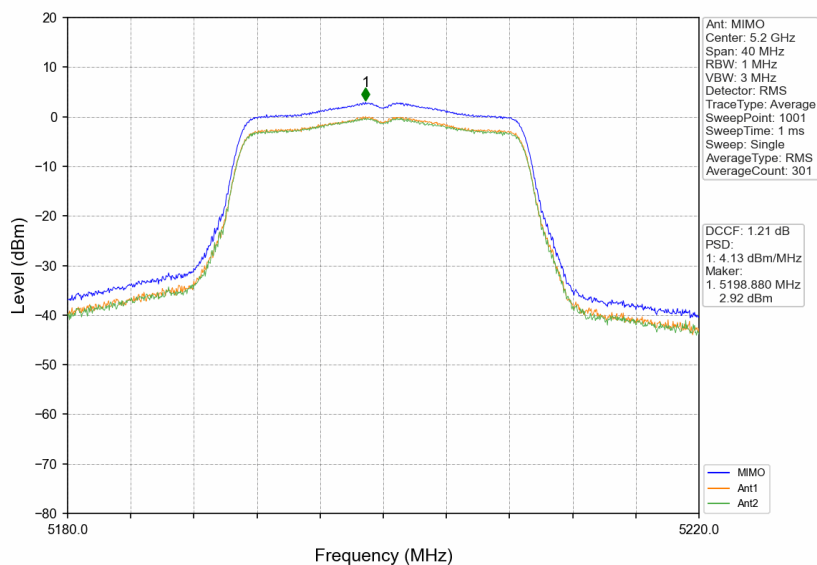
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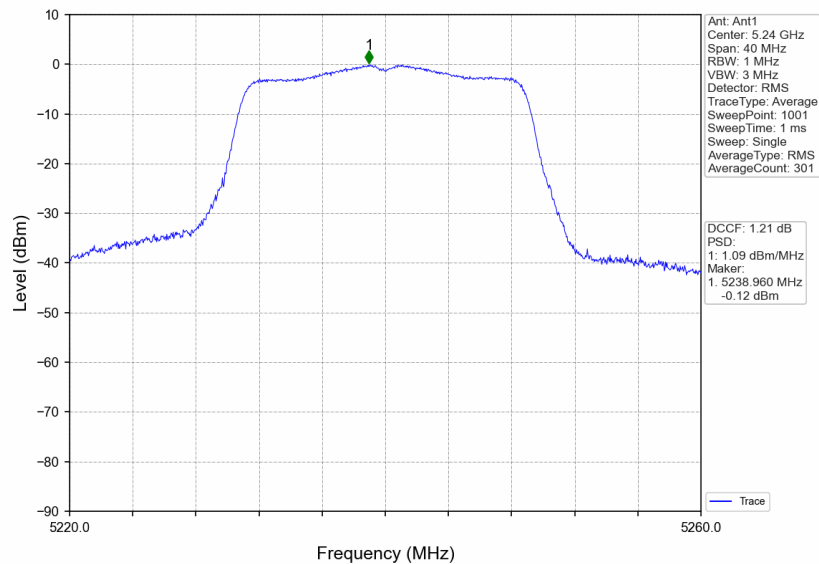
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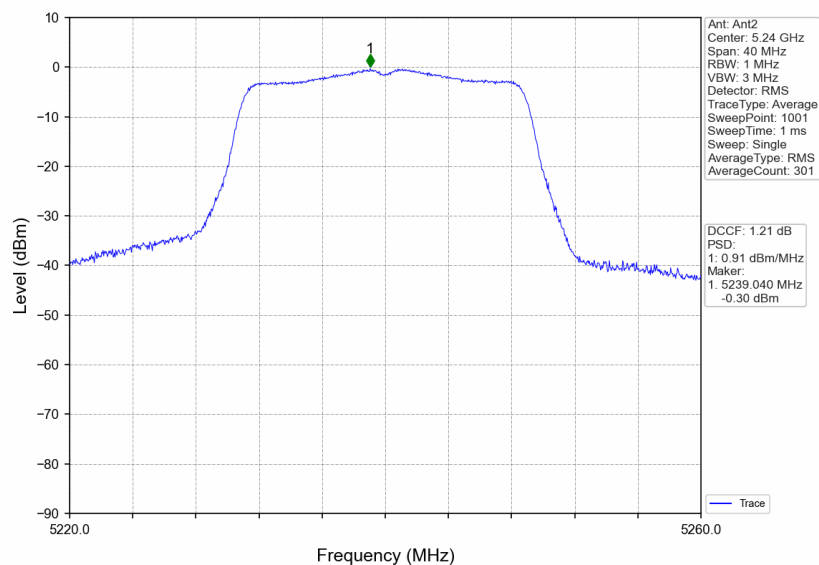
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802.11ac(VHT20) HCH 5240MHz Ant1 NTNV



802.11ac(VHT20) HCH 5240MHz Ant2 NTNV



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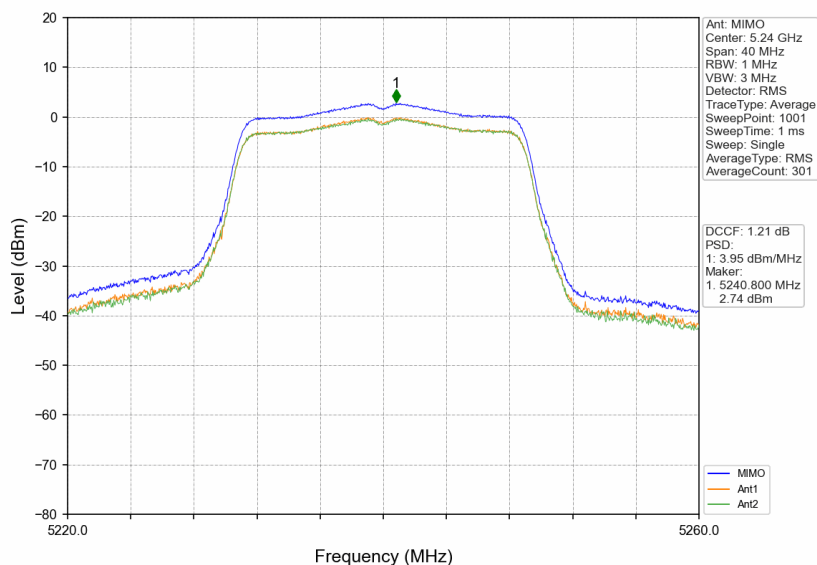
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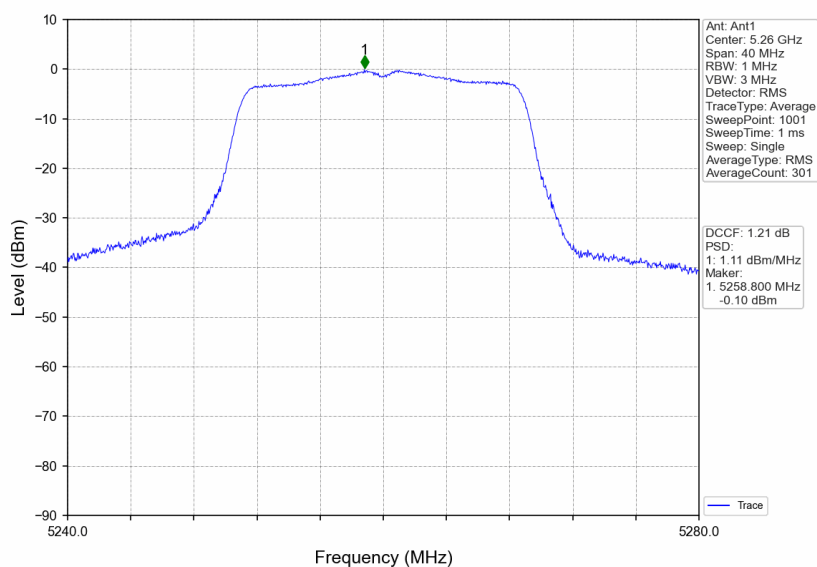
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802.11ac(VHT20) HCH 5240MHz MIMO NTN



802.11ac(VHT20) LCH 5260MHz Ant1 NTN



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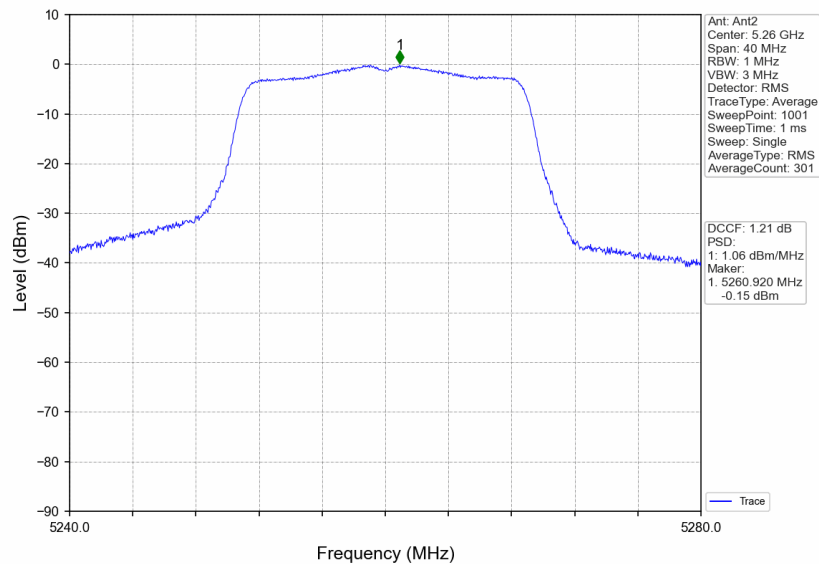
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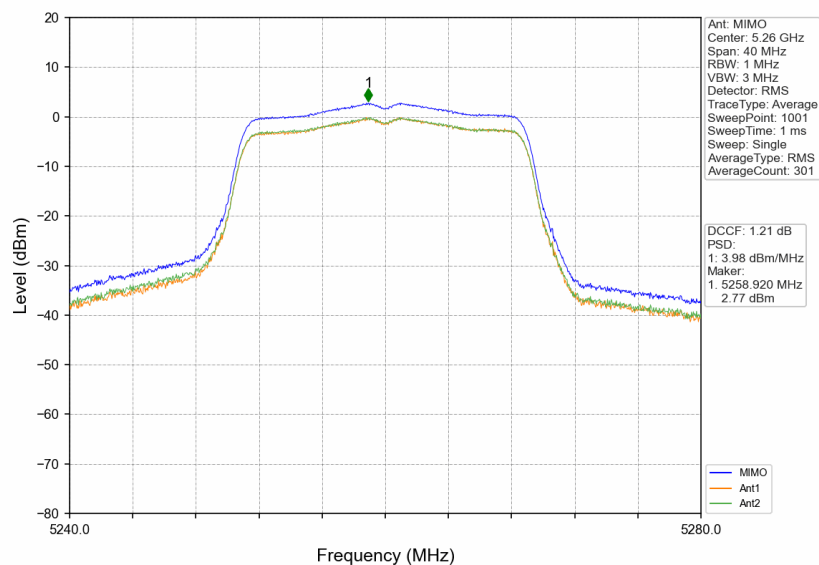
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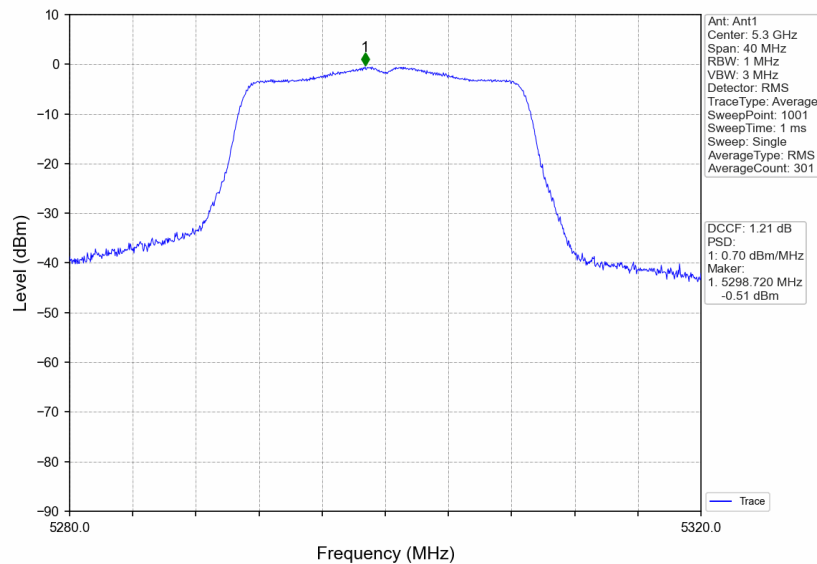
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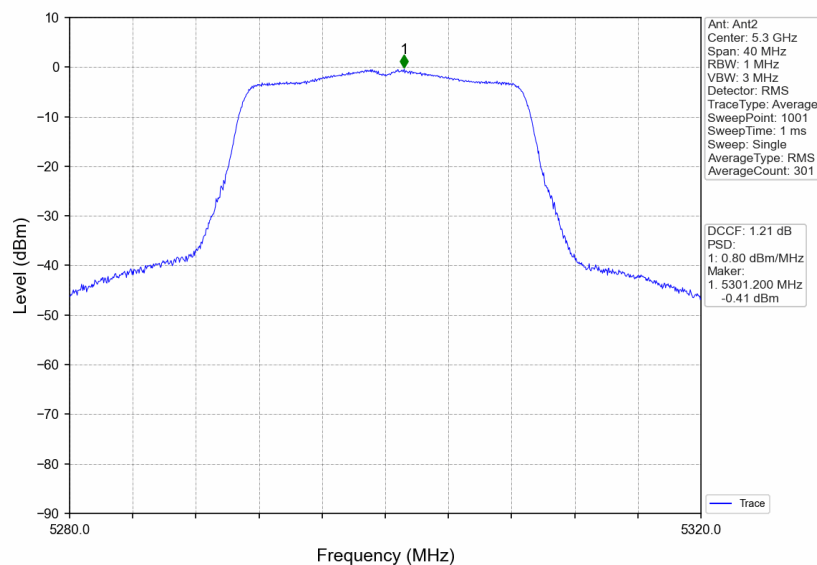
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802.11ac(VHT20) MCH 5300MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5300MHz_Ant2_NTNV



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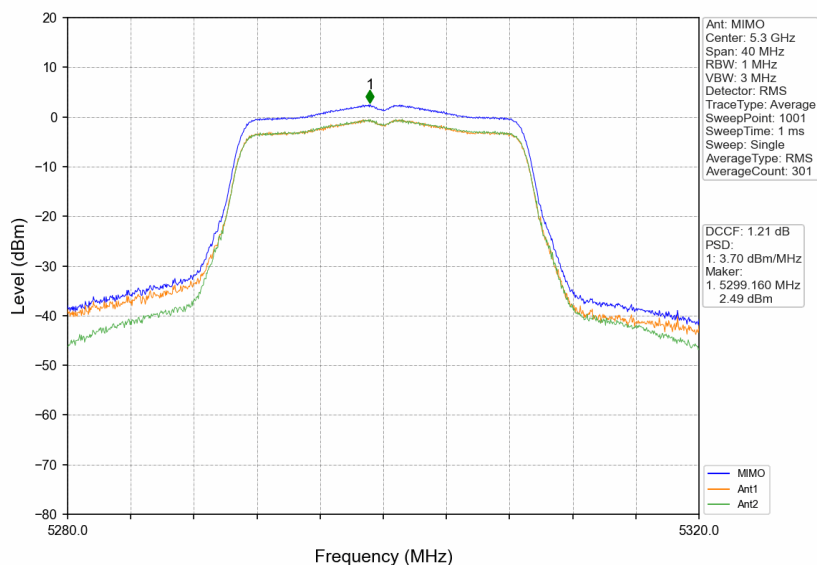
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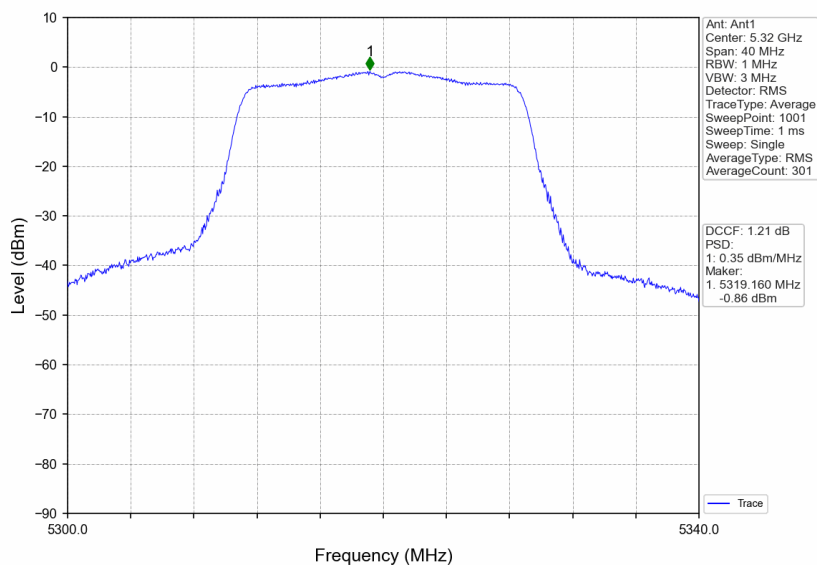
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802.11ac(VHT20) MCH 5300MHz MIMO_NTNV



802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



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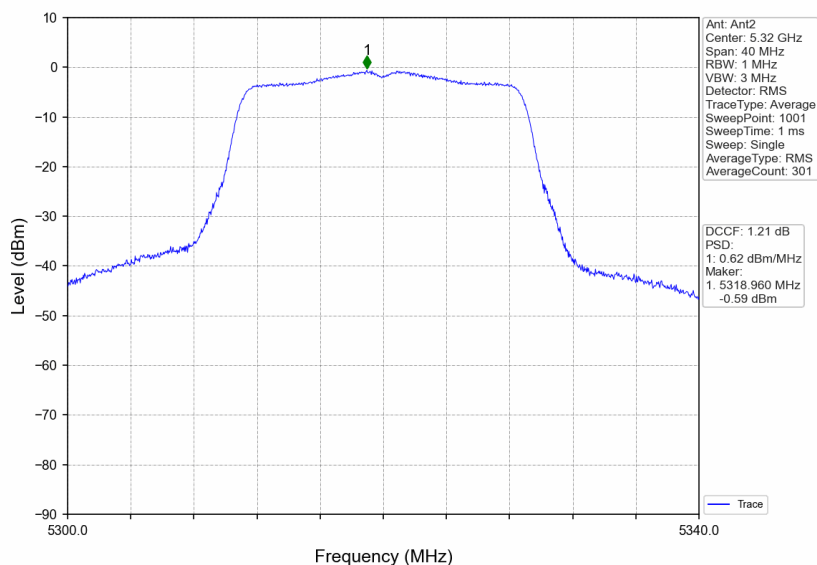
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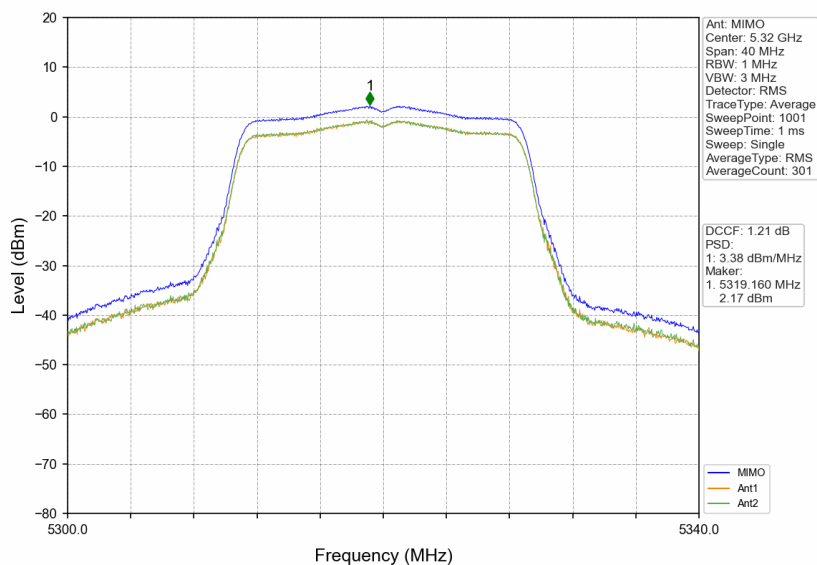
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802.11ac(VHT20) HCH_5320MHz_Ant2_NTNV



802.11ac(VHT20) HCH_5320MHz_MIMO_NTNV



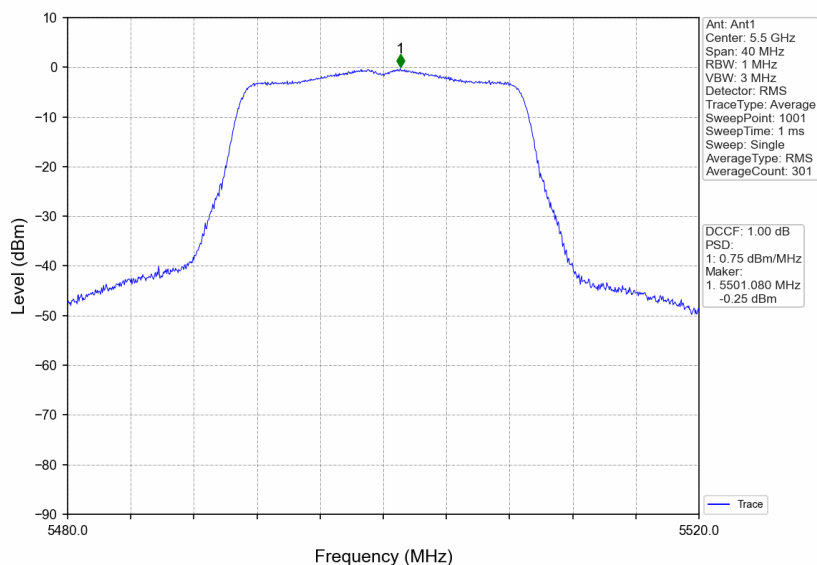
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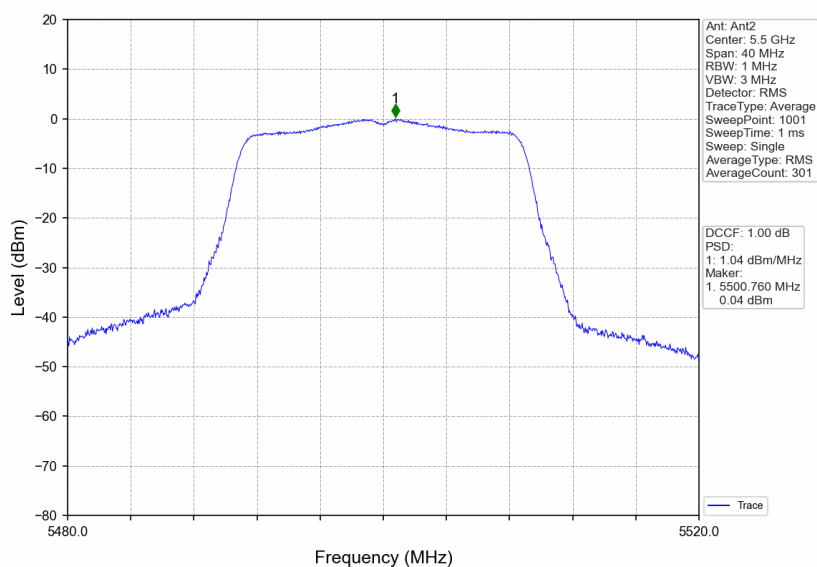
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802.11ac(VHT20) LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5500MHz_Ant2_NTNV



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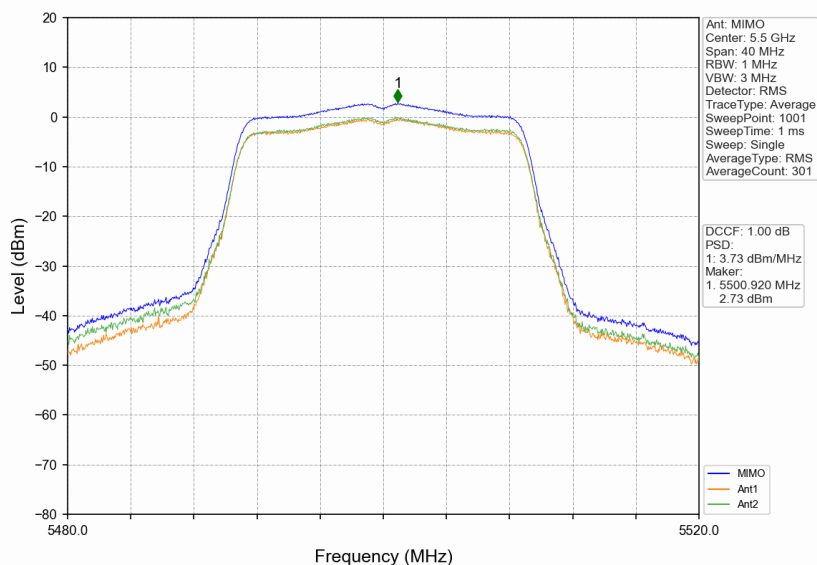
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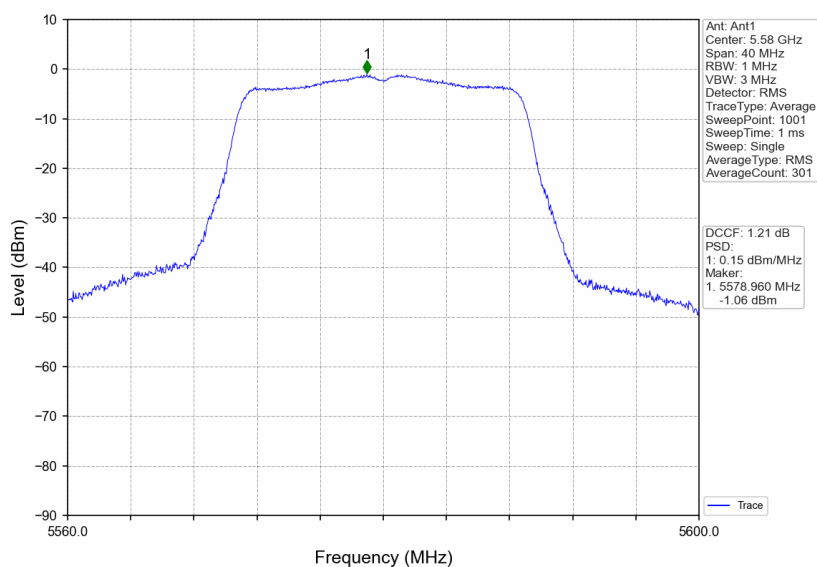
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802.11ac(VHT20)_LCH_5500MHz_MIMO_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



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