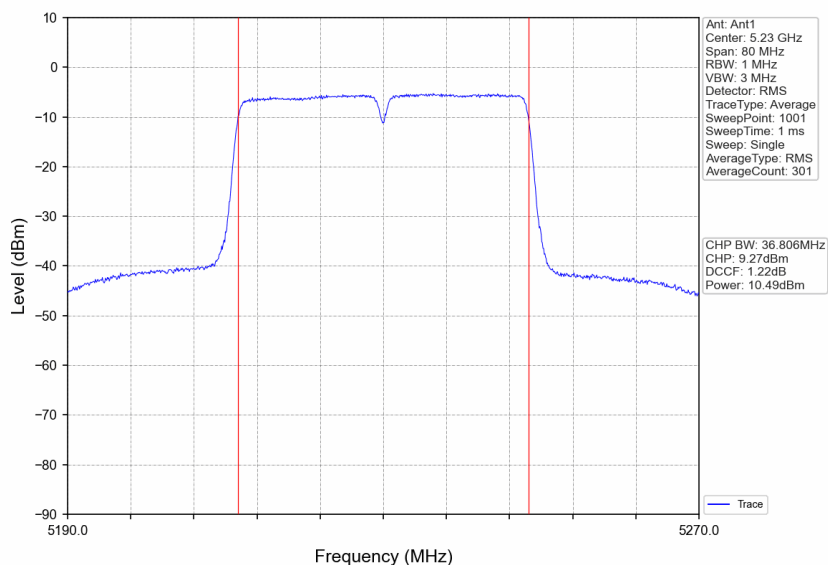
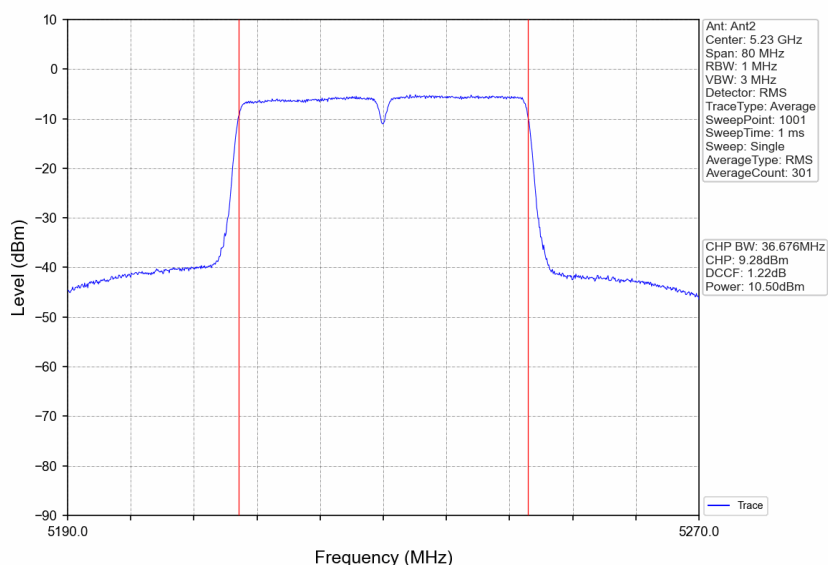


802.11ac(VHT40) HCH 5230MHz Ant1 NTV



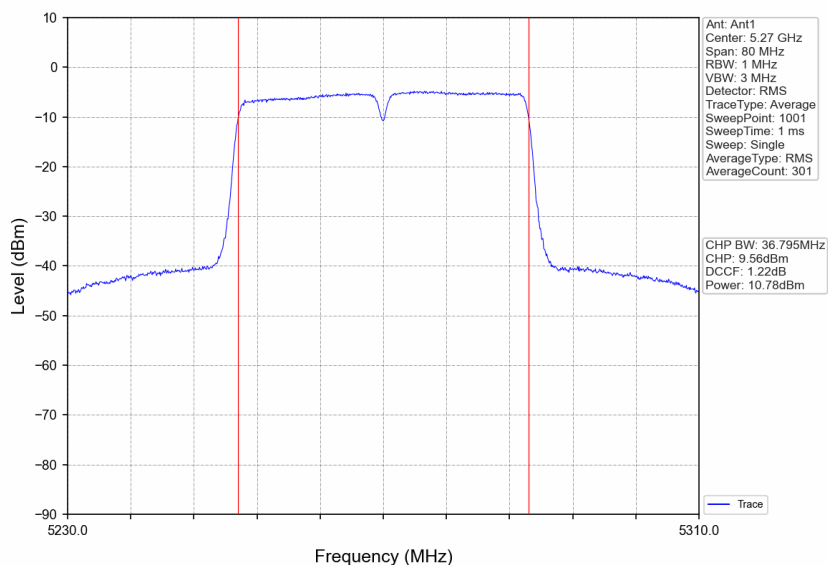
802.11ac(VHT40) HCH 5230MHz Ant2 NTV



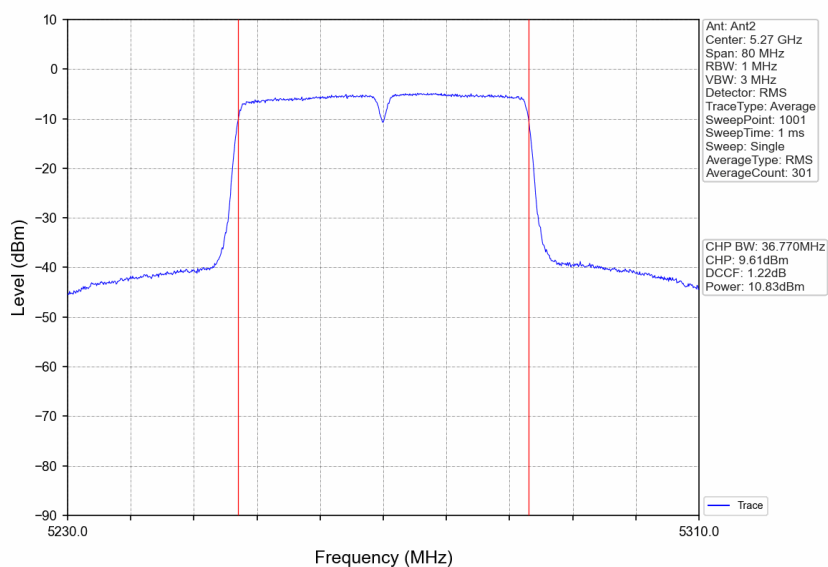
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802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



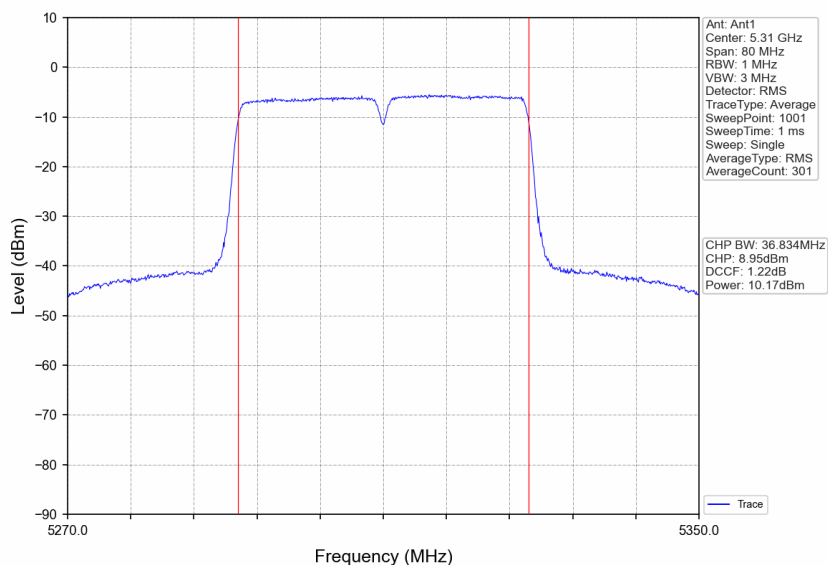
802.11ac(VHT40) LCH_5270MHz_Ant2_NTNV



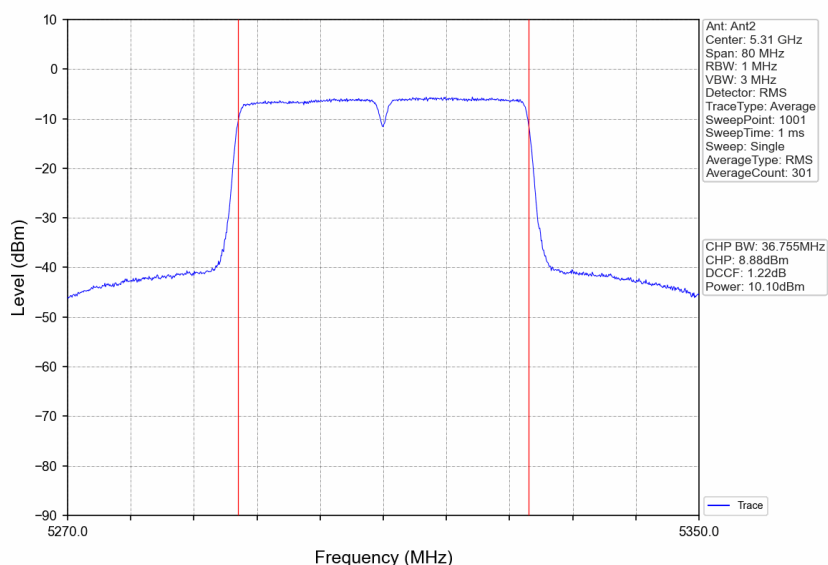
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802.11ac(VHT40) HCH 5310MHz Ant1 NTNV



802.11ac(VHT40) HCH 5310MHz Ant2 NTNV



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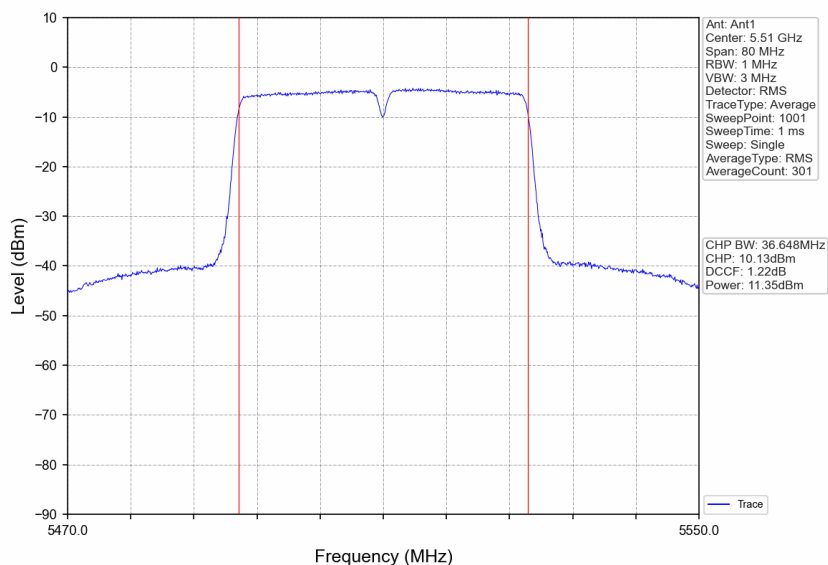
NO. 588 West Jindu Road, Songjiang District, Shanghai, China 201612

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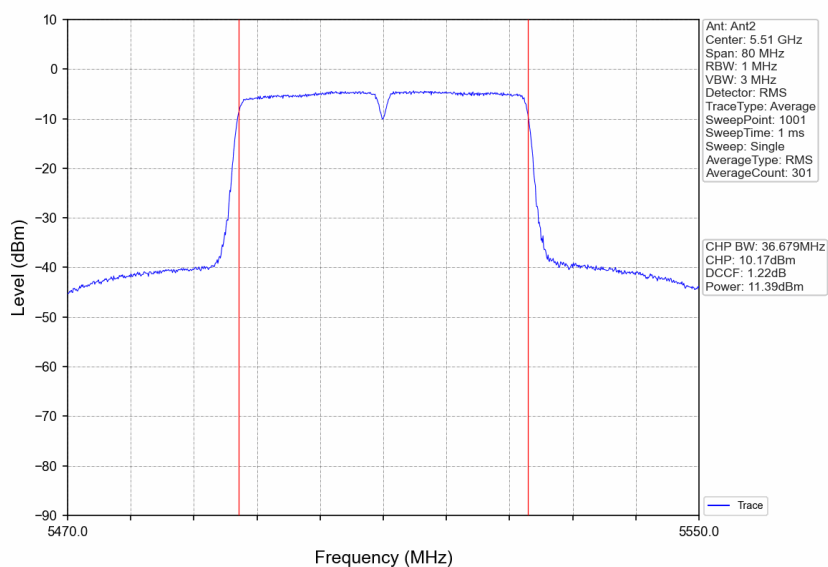
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802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5510MHz_Ant2_NTNV



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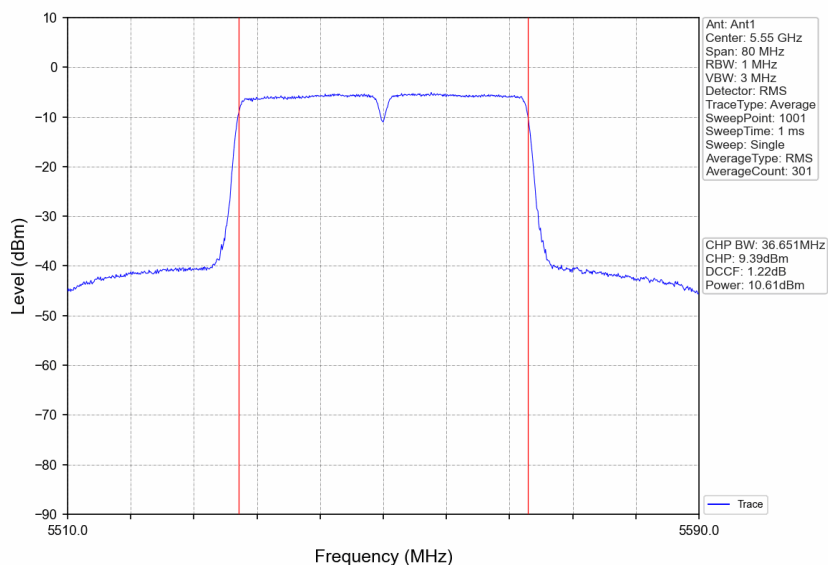
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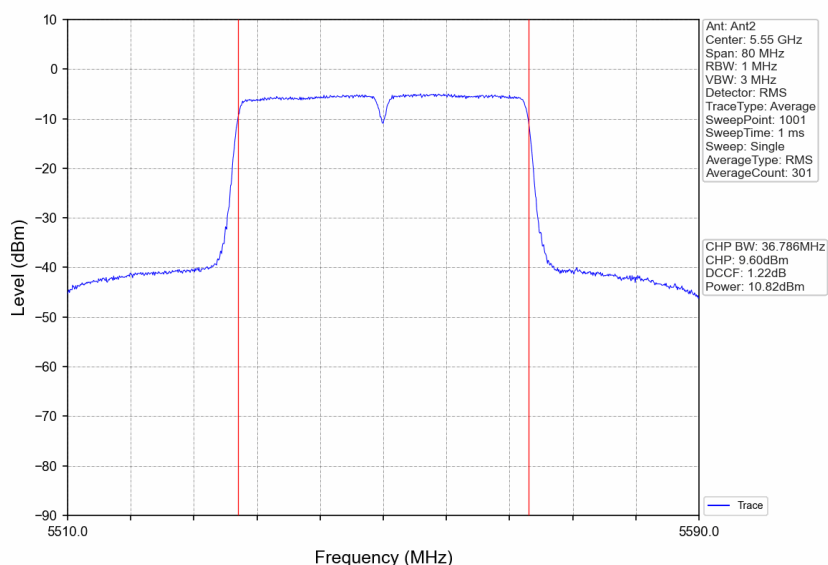
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802.11ac(VHT40) MCH 5550MHz Ant1 NTNV



802.11ac(VHT40) MCH 5550MHz Ant2 NTNV



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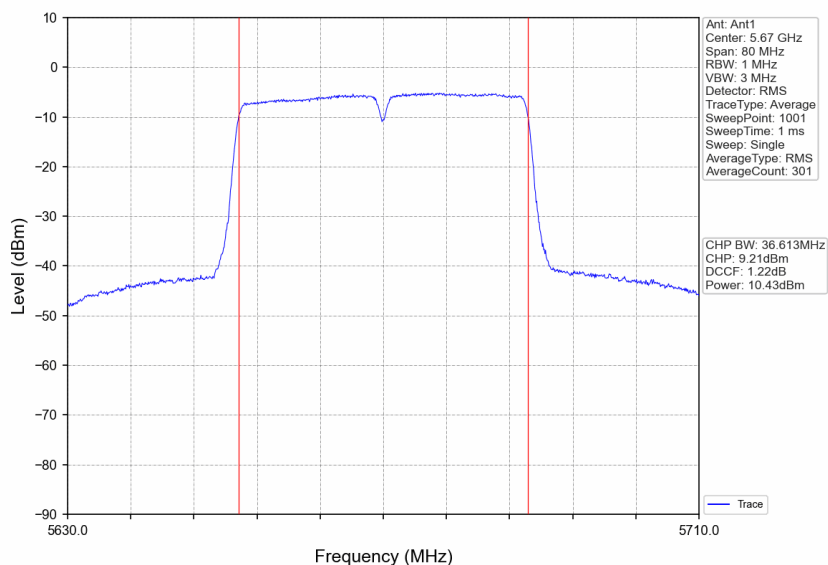
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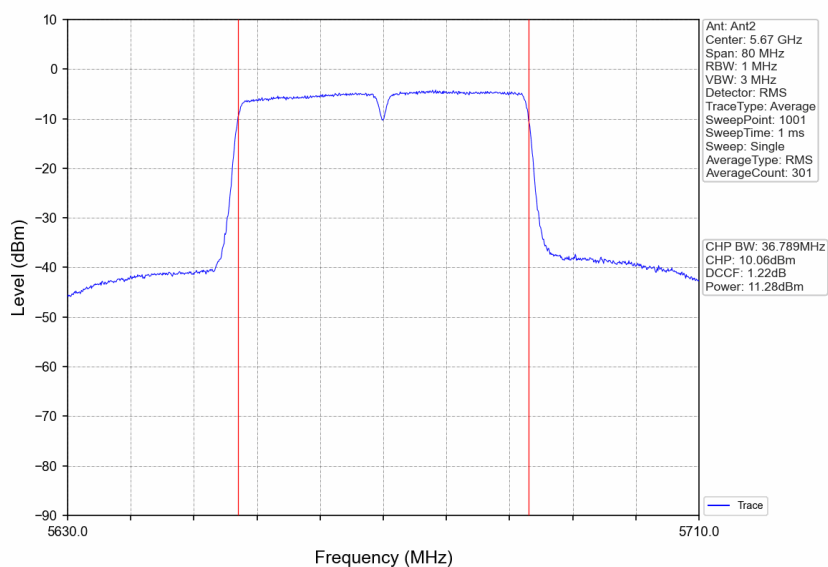
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802.11ac(VHT40) HCH 5670MHz Ant1 NTNV



802.11ac(VHT40) HCH 5670MHz Ant2 NTNV



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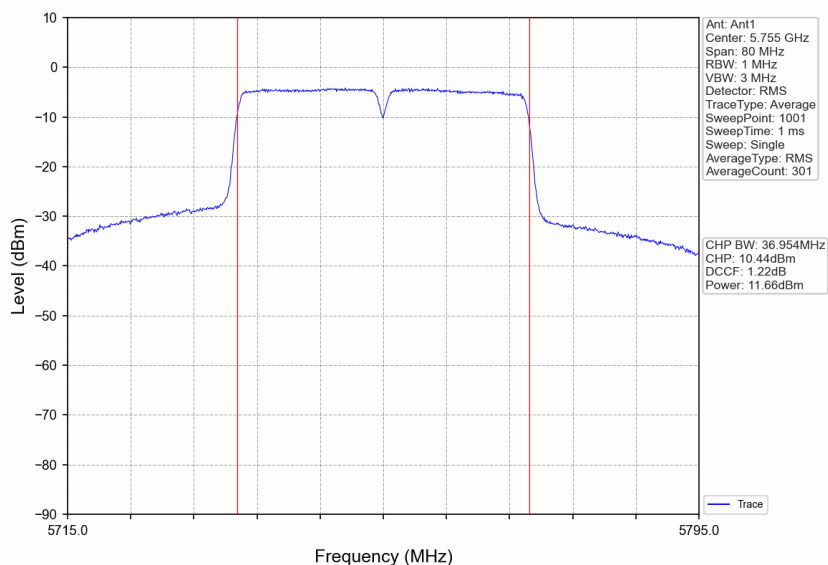
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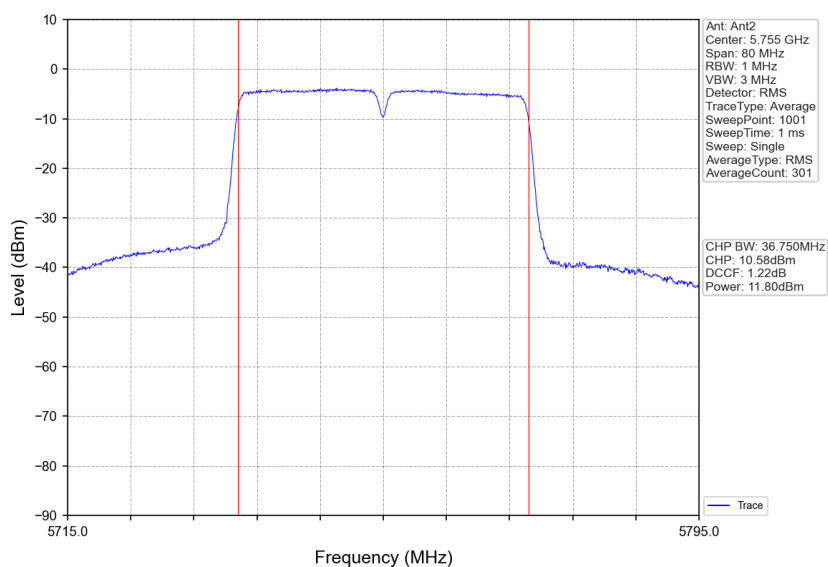
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802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5755MHz_Ant2_NTNV



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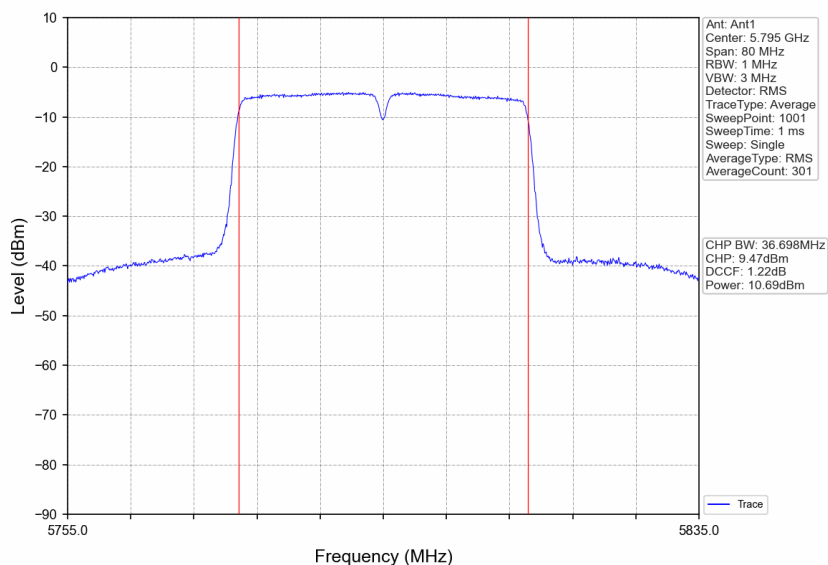
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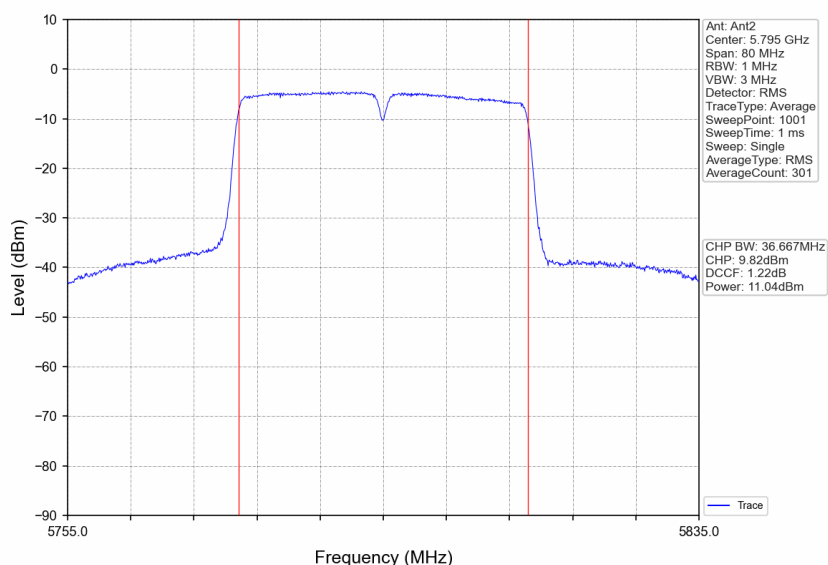
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802.11ac(VHT40) HCH 5795MHz Ant1 NTV



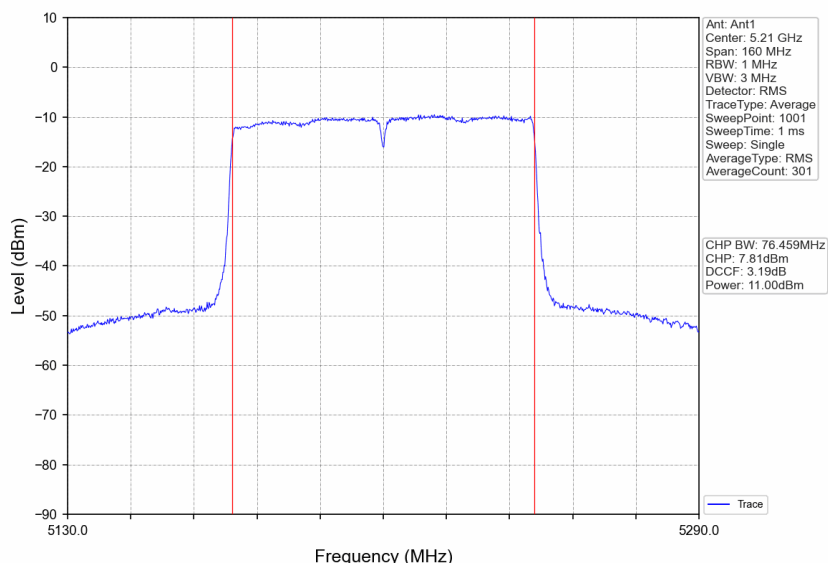
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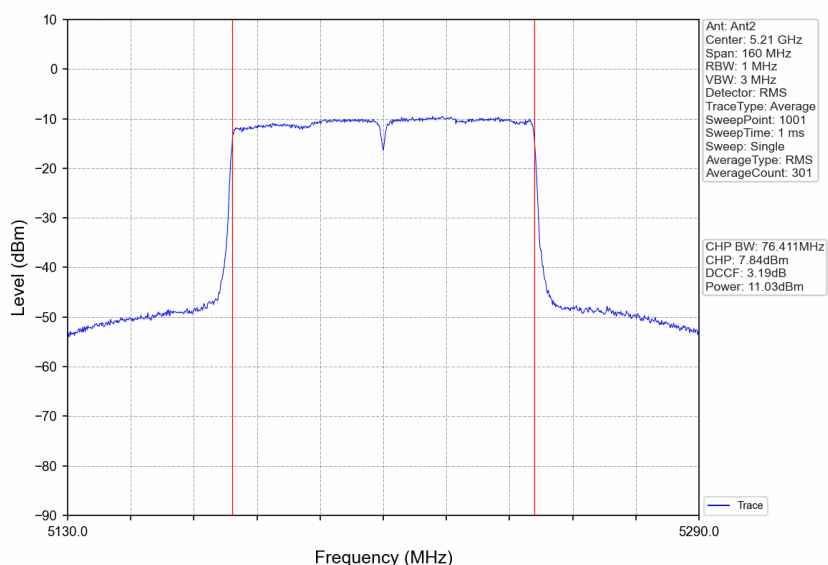
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802.11ac(VHT80) MCH 5210MHz Ant1 NTVN



802.11ac(VHT80) MCH 5210MHz Ant2 NTVN



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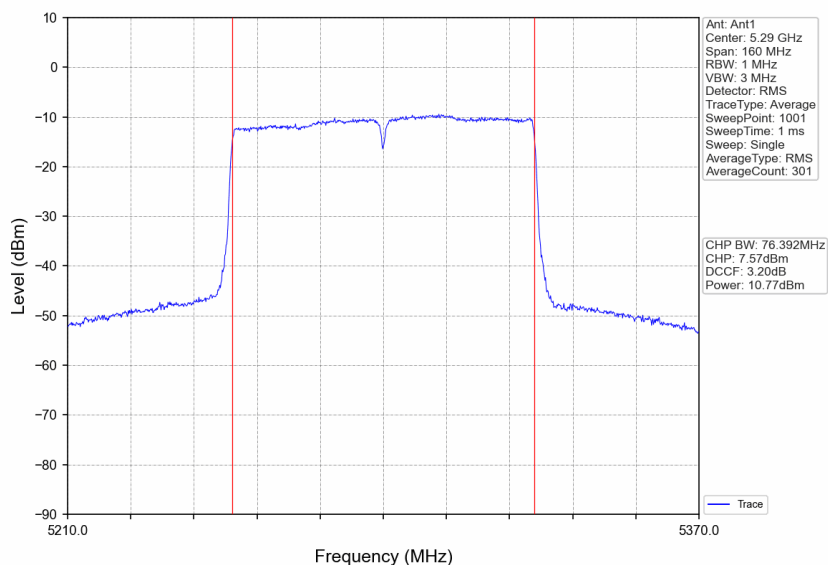
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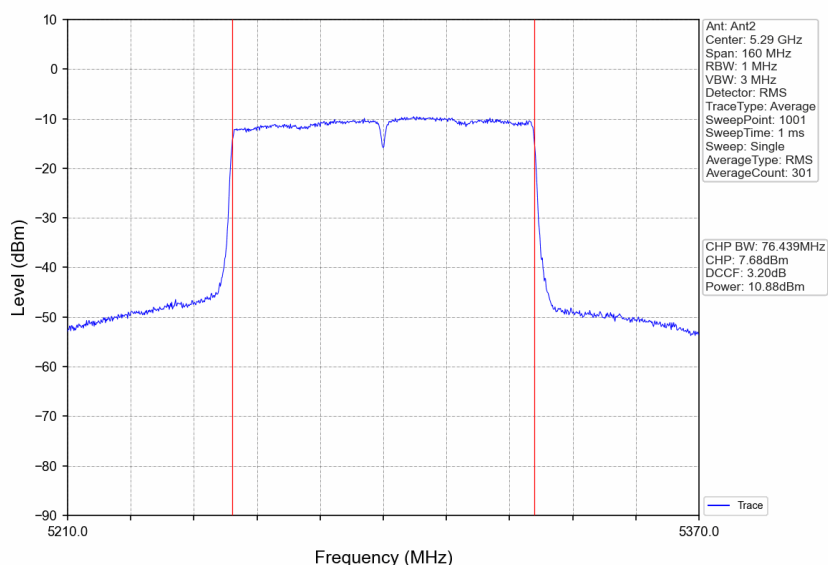
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802.11ac(VHT80) MCH 5290MHz Ant1 NTNV



802.11ac(VHT80) MCH 5290MHz Ant2 NTNV



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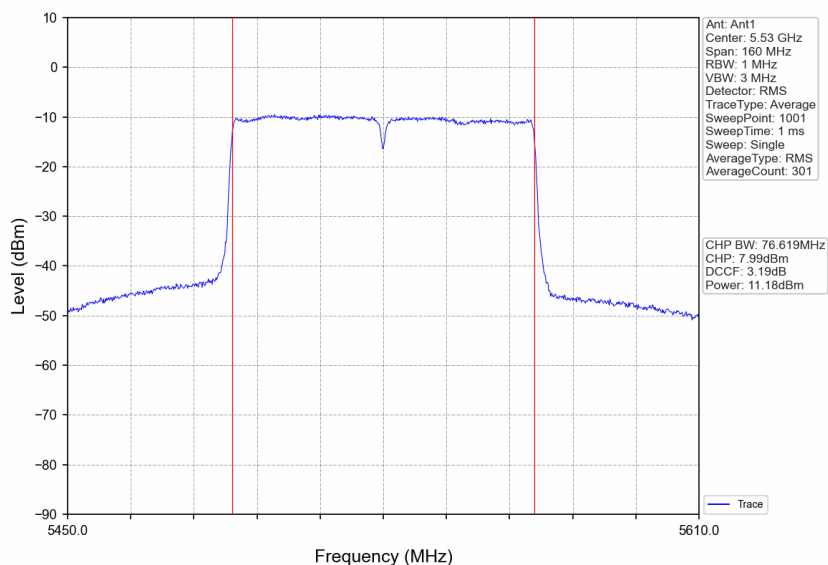
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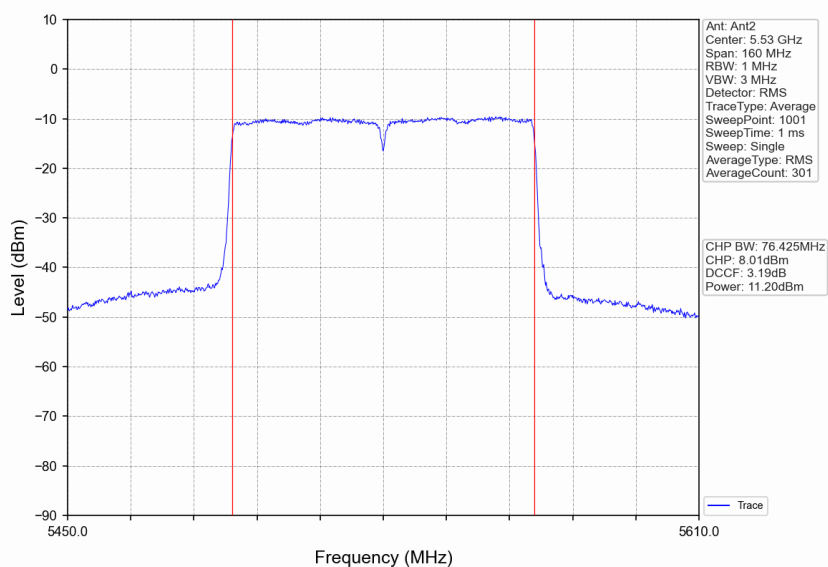
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802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant2_NTNV



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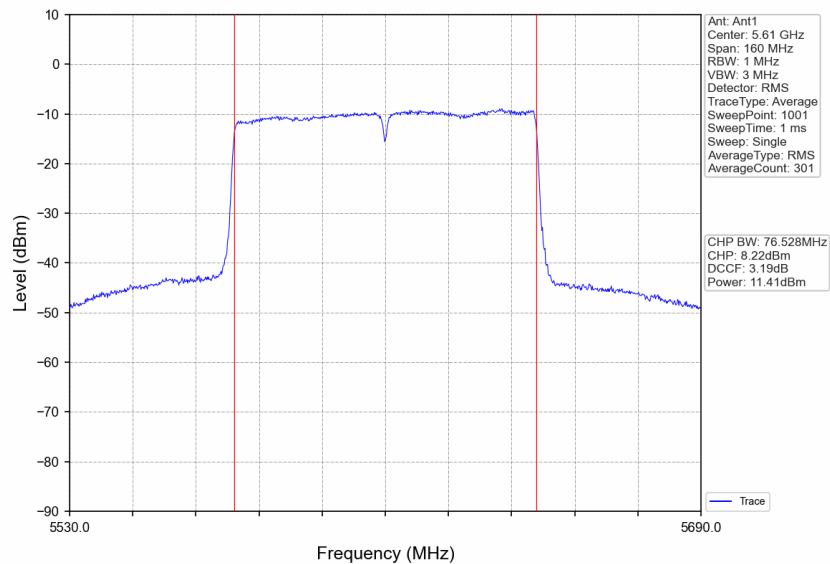
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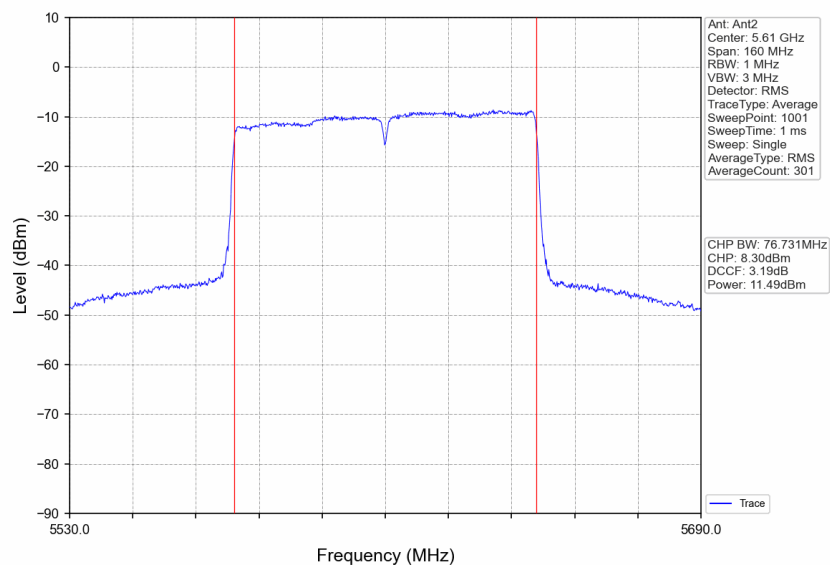
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802.11ac(VHT80) HCH 5610MHz Ant1 NTV



802.11ac(VHT80) HCH 5610MHz Ant2 NTV



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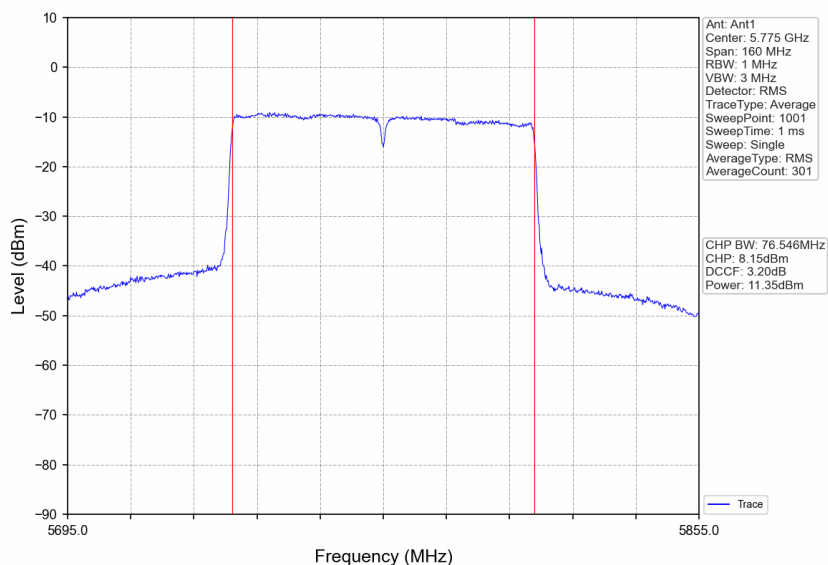
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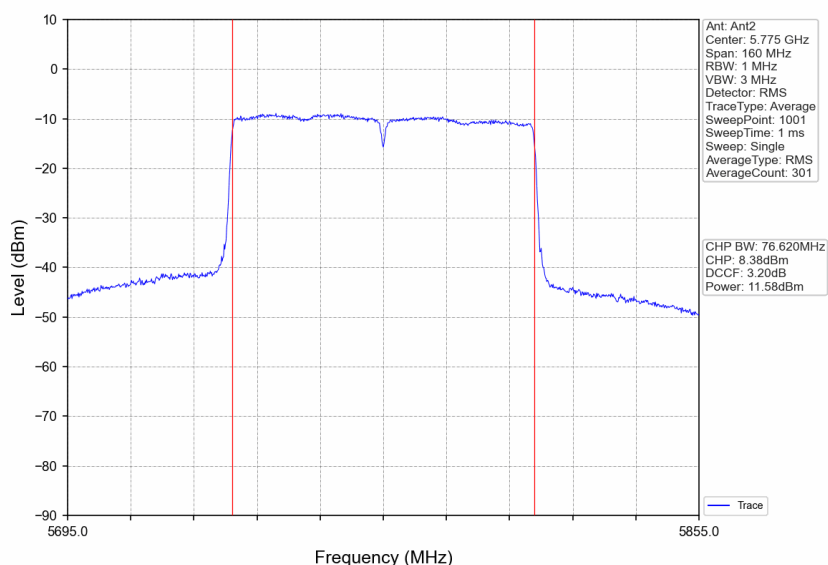
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802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



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	
802.11a	SISO	5180	3.24	3.07	/	<=11	Pass
		5200	3.11	3.39	/	<=11	Pass
		5240	3.56	3.65	/	<=11	Pass
		5260	3.33	3.33	/	<=11	Pass
		5300	2.90	3.43	/	<=11	Pass
		5320	2.62	3.50	/	<=11	Pass
		5500	3.68	4.06	/	<=11	Pass
		5580	3.17	3.82	/	<=11	Pass
802.11n (HT20)	MIMO	5700	2.93	4.58	/	<=11	Pass
		5180	0.86	0.87	3.68	<=11	Pass
		5200	0.46	0.58	3.47	<=11	Pass
		5240	0.29	0.44	3.29	<=11	Pass
		5260	0.49	0.52	3.49	<=11	Pass
		5300	-0.11	1.27	3.55	<=11	Pass
		5320	-0.36	0.59	3.07	<=11	Pass
		5500	1.06	0.82	3.93	<=11	Pass
802.11n (HT40)	MIMO	5580	0.51	0.44	3.37	<=11	Pass
		5700	-0.99	0.07	2.53	<=11	Pass
		5190	-3.77	-3.00	-0.53	<=11	Pass
		5230	-3.43	-3.25	-0.39	<=11	Pass
		5270	-2.91	-3.05	-0.17	<=11	Pass
		5310	-3.73	-3.65	-0.82	<=11	Pass
		5510	-2.51	-2.69	0.17	<=11	Pass
		5550	-2.84	-2.55	0.03	<=11	Pass
802.11ac (VHT20)	MIMO	5670	-3.56	-3.37	-0.63	<=11	Pass
		5180	0.77	0.70	3.70	<=11	Pass
		5200	0.56	0.63	3.55	<=11	Pass
		5240	0.13	0.16	3.13	<=11	Pass
		5260	0.53	0.81	3.60	<=11	Pass
		5300	0.46	0.32	3.30	<=11	Pass
		5320	-0.08	-0.27	2.75	<=11	Pass
		5500	0.99	1.06	3.99	<=11	Pass
802.11ac (VHT40)	MIMO	5580	0.16	0.08	3.03	<=11	Pass
		5700	0.33	0.27	3.19	<=11	Pass
		5190	-3.58	-3.61	-0.68	<=11	Pass
		5230	-3.98	-4.02	-1.12	<=11	Pass
		5270	-3.76	-3.82	-0.84	<=11	Pass
		5310	-4.39	-4.63	-1.59	<=11	Pass
		5510	-3.05	-2.89	-0.05	<=11	Pass
		5550	-3.70	-3.49	-0.63	<=11	Pass
802.11ac (VHT80)	MIMO	5670	-3.93	-2.91	-0.54	<=11	Pass
		5210	-6.24	-6.45	-3.40	<=11	Pass
		5290	-6.24	-7.00	-3.79	<=11	Pass
		5530	-6.09	-6.23	-3.24	<=11	Pass
		5610	-5.56	-5.39	-2.77	<=11	Pass

Note1: Antenna Gain: Ant1: 3.48dBi; Ant2: 2.39dBi;



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Note2: Directional Gain: 5.96dBi

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	3.33	3.33	/	<=11	Pass
		5300	2.90	3.43	/	<=11	Pass
		5320	2.62	3.50	/	<=11	Pass
		5500	3.68	4.06	/	<=11	Pass
		5580	3.17	3.82	/	<=11	Pass
		5700	2.93	4.58	/	<=11	Pass
802.11n (HT20)	MIMO	5260	0.49	0.52	3.49	<=11	Pass
		5300	-0.11	1.27	3.55	<=11	Pass
		5320	-0.36	0.59	3.07	<=11	Pass
		5500	1.06	0.82	3.93	<=11	Pass
		5580	0.51	0.44	3.37	<=11	Pass
		5700	-0.99	0.07	2.53	<=11	Pass
802.11n (HT40)	MIMO	5270	-2.91	-3.05	-0.17	<=11	Pass
		5310	-3.73	-3.65	-0.82	<=11	Pass
		5510	-2.51	-2.69	0.17	<=11	Pass
		5550	-2.84	-2.55	0.03	<=11	Pass
		5670	-3.56	-3.37	-0.63	<=11	Pass
802.11ac (VHT20)	MIMO	5260	0.53	0.81	3.60	<=11	Pass
		5300	0.46	0.32	3.30	<=11	Pass
		5320	-0.08	-0.27	2.75	<=11	Pass
		5500	0.99	1.06	3.99	<=11	Pass
		5580	0.16	0.08	3.03	<=11	Pass
		5700	0.33	0.27	3.19	<=11	Pass
802.11ac (VHT40)	MIMO	5270	-3.76	-3.82	-0.84	<=11	Pass
		5310	-4.39	-4.63	-1.59	<=11	Pass
		5510	-3.05	-2.89	-0.05	<=11	Pass
		5550	-3.70	-3.49	-0.63	<=11	Pass
		5670	-3.93	-2.91	-0.54	<=11	Pass
802.11ac (VHT80)	MIMO	5290	-6.24	-7.00	-3.79	<=11	Pass
		5530	-6.09	-6.23	-3.24	<=11	Pass
		5610	-5.56	-5.39	-2.77	<=11	Pass

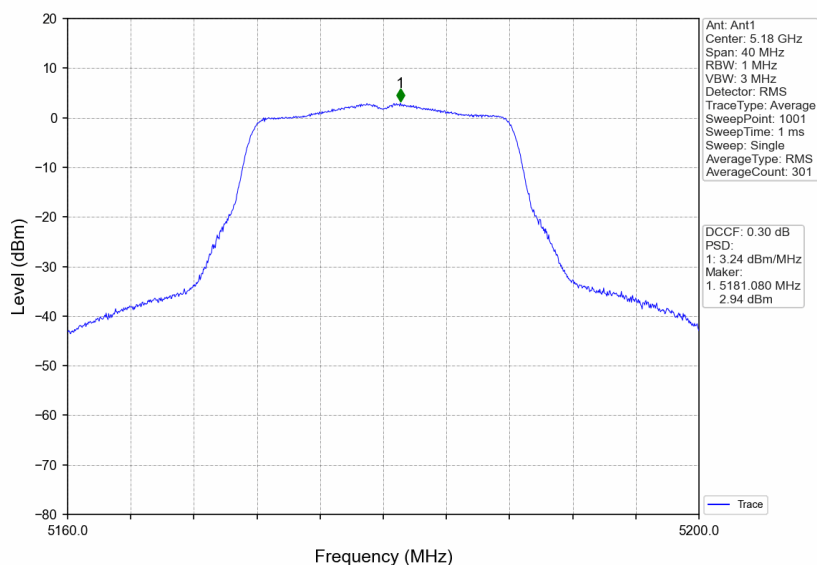
Note1: Antenna Gain: Ant1: 3.48dBi; Ant2: 2.39dBi;

Note2: Directional Gain: 5.96dBi

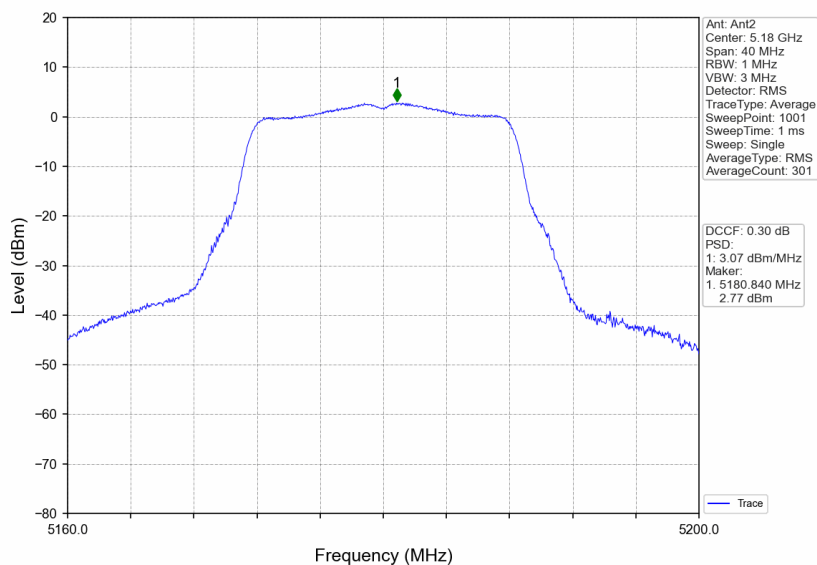
4.1.3 Test Graph

802.11a LCH_5180MHz_Ant1_NTNV





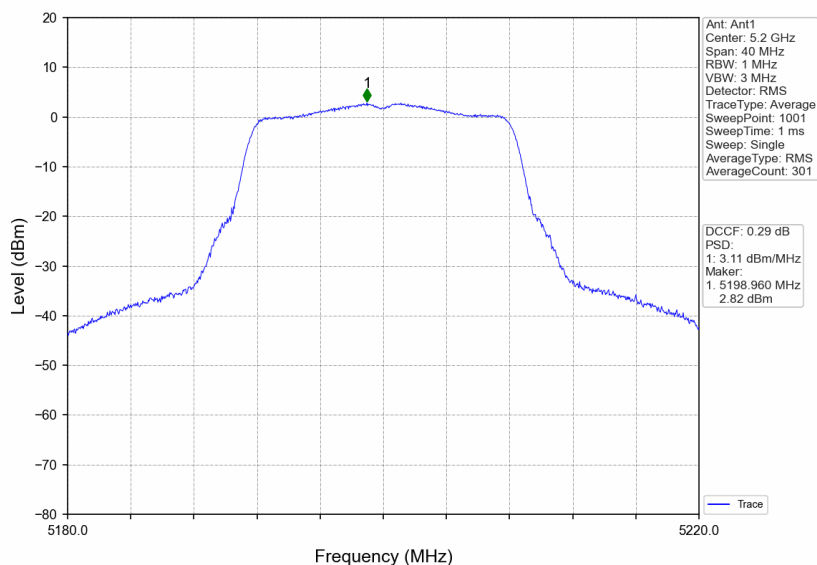
802.11a_LCH_5180MHz_Ant2_NTNV



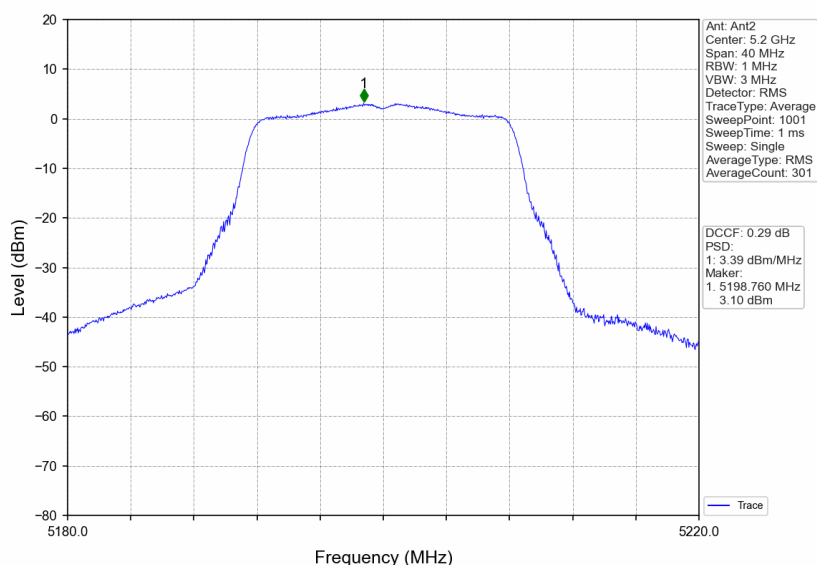
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802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant2_NTNV



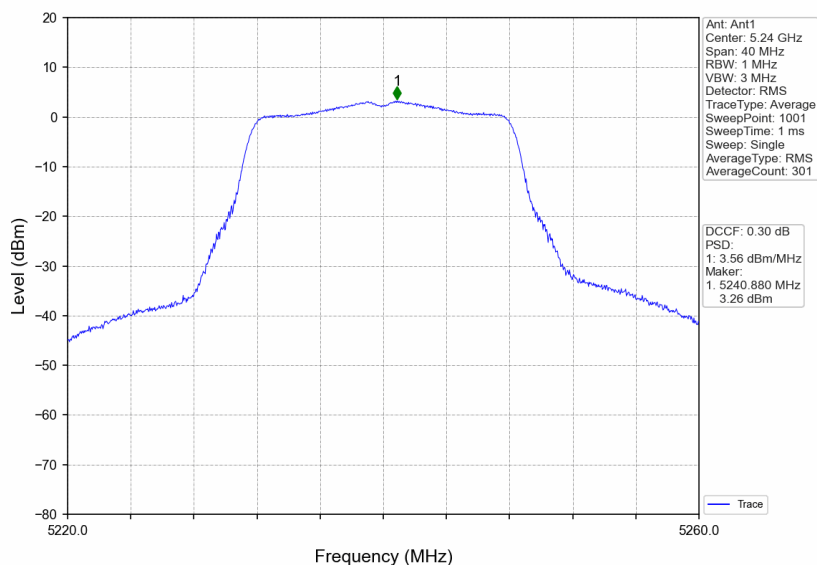
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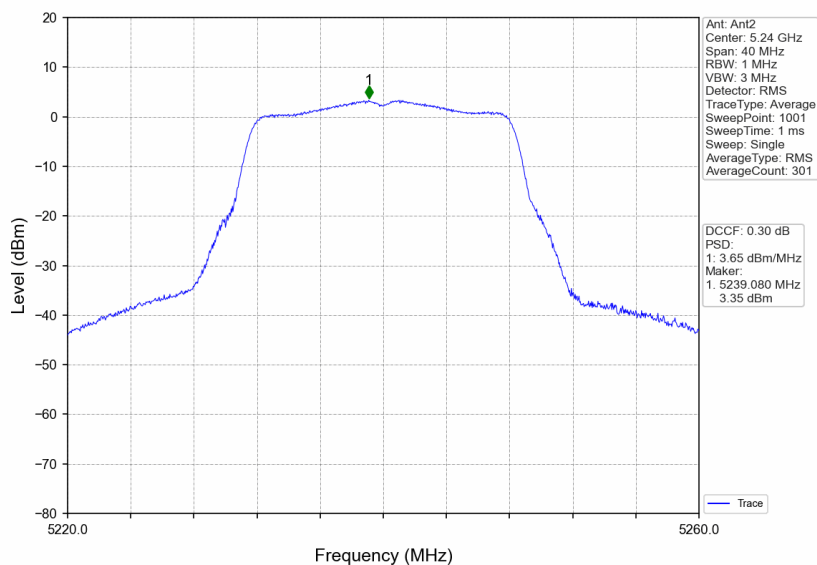
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



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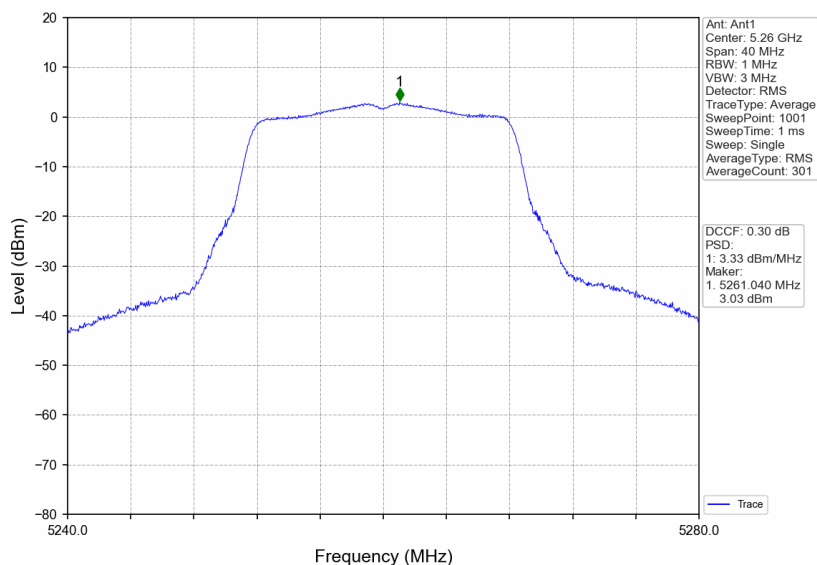
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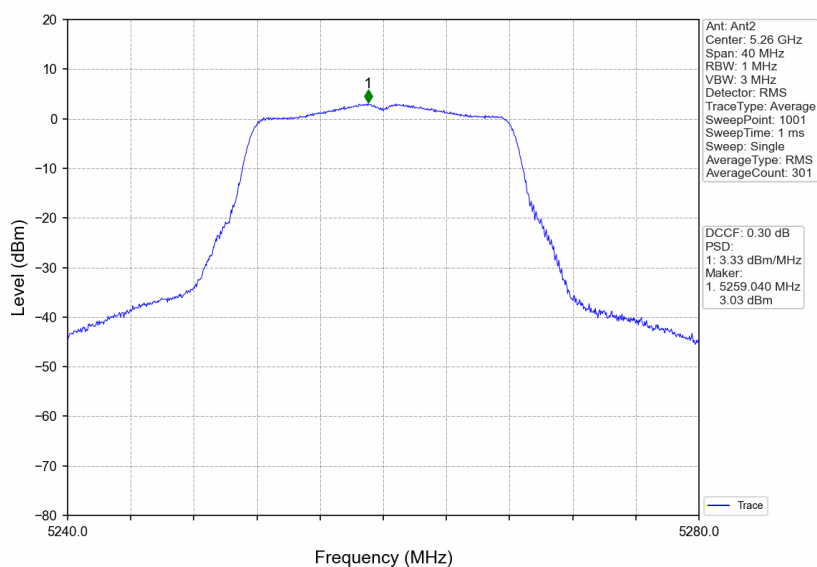
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802.11a LCH_5260MHz_Ant1_NTNV



802.11a LCH_5260MHz_Ant2_NTNV



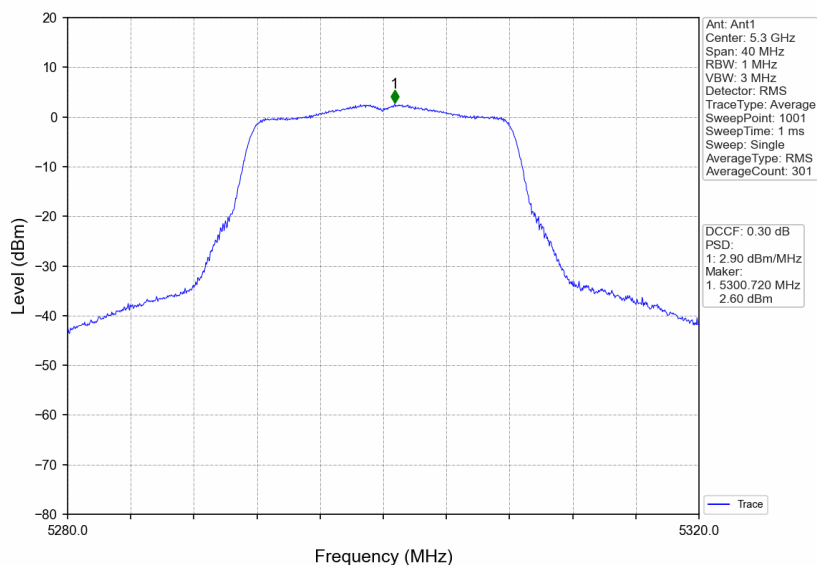
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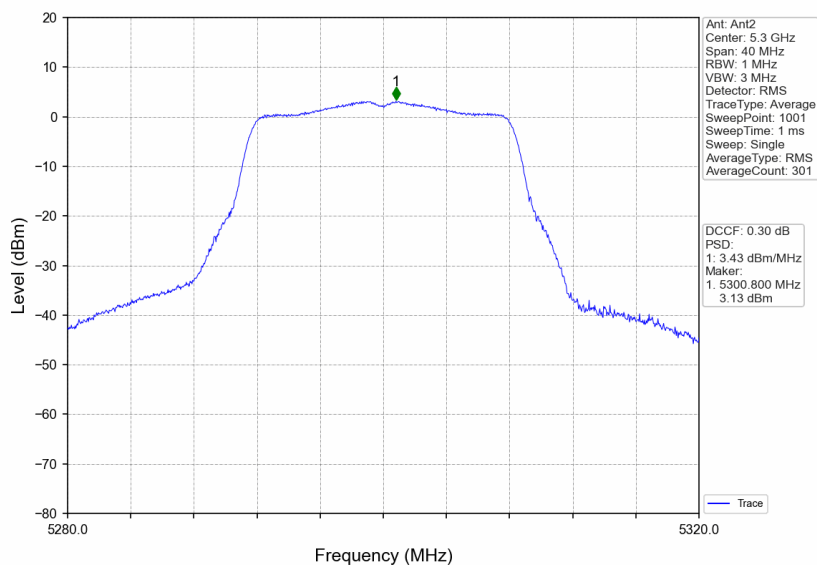
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant2_NTNV



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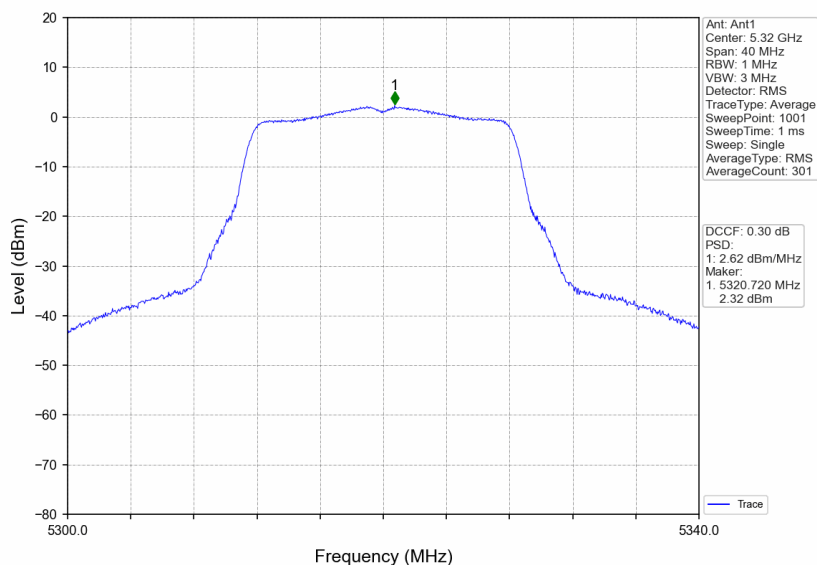
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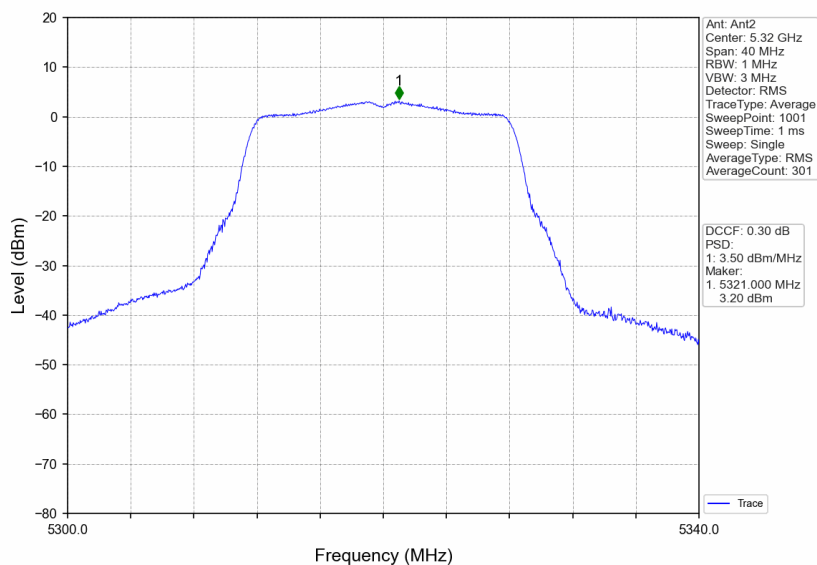
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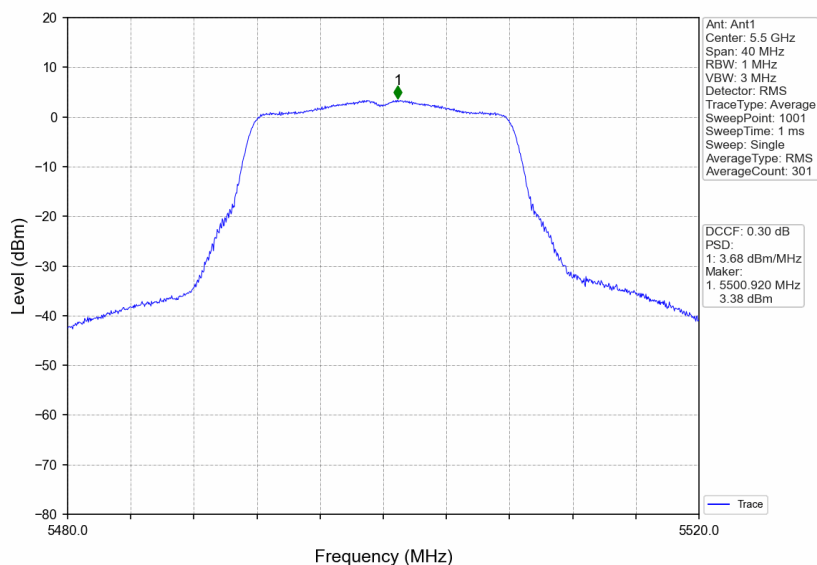
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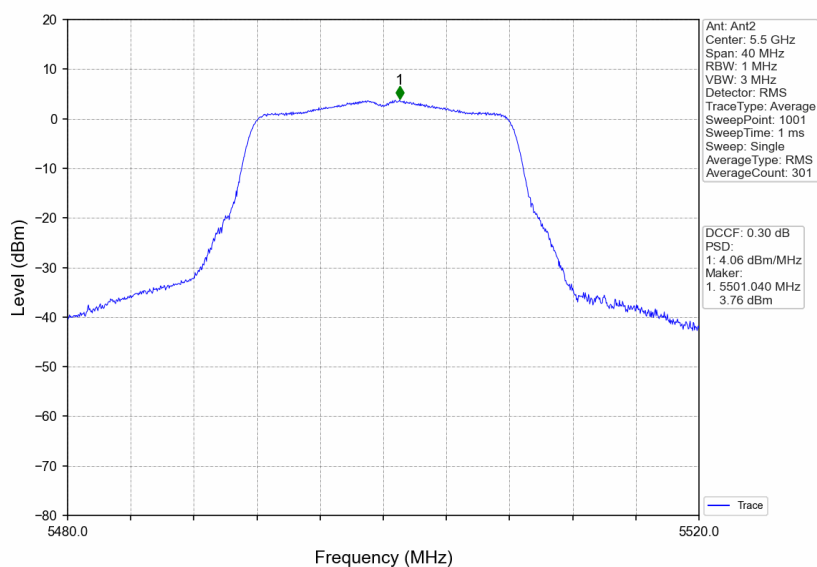
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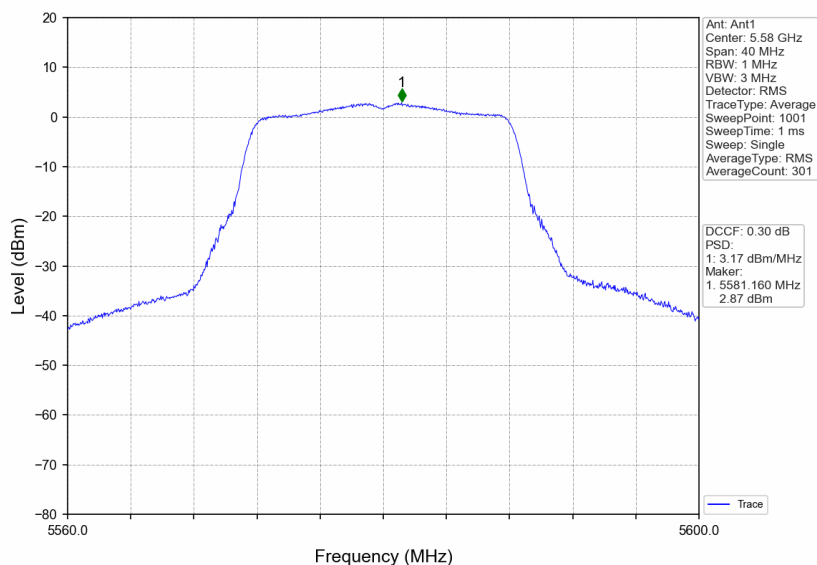
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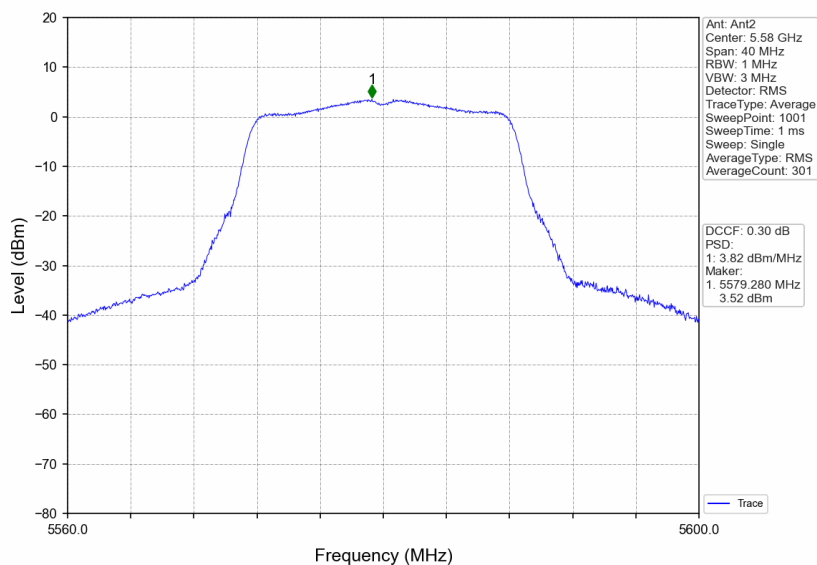
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802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant2_NTNV



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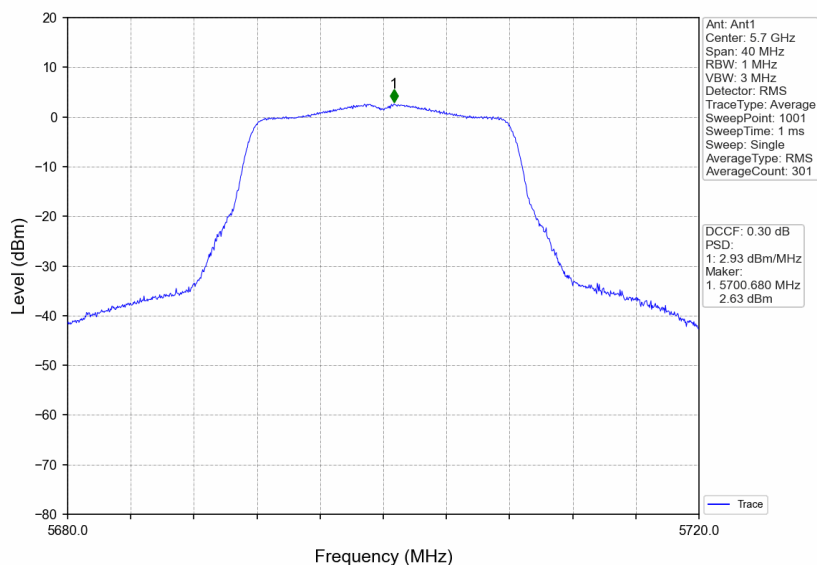
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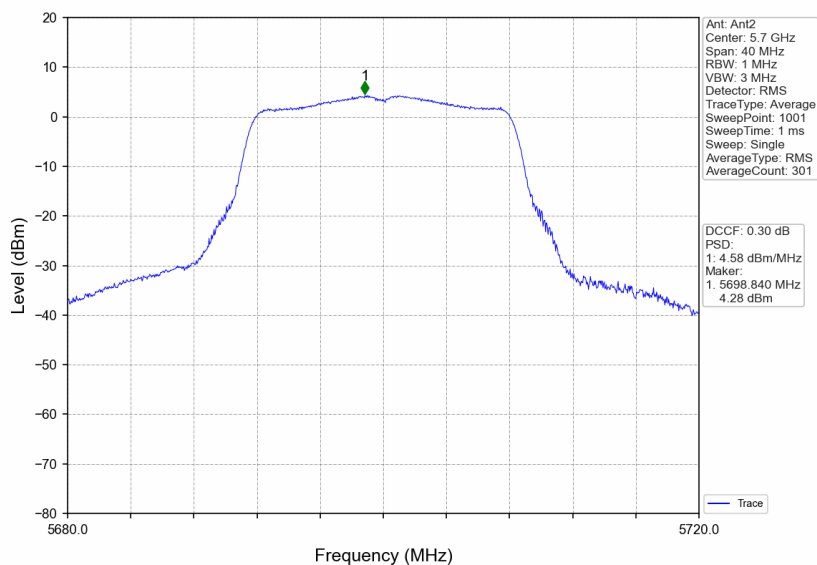
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802.11a_HCH_5700MHz_Ant1_NTNV



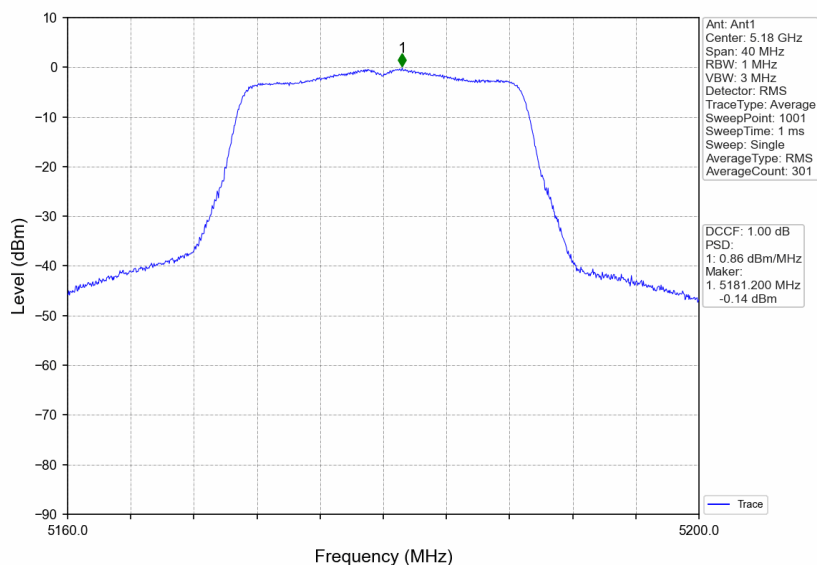
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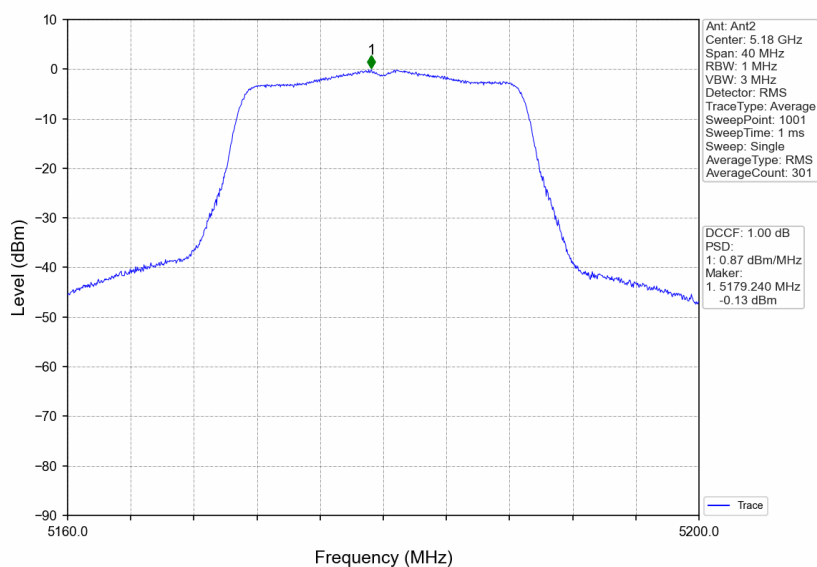
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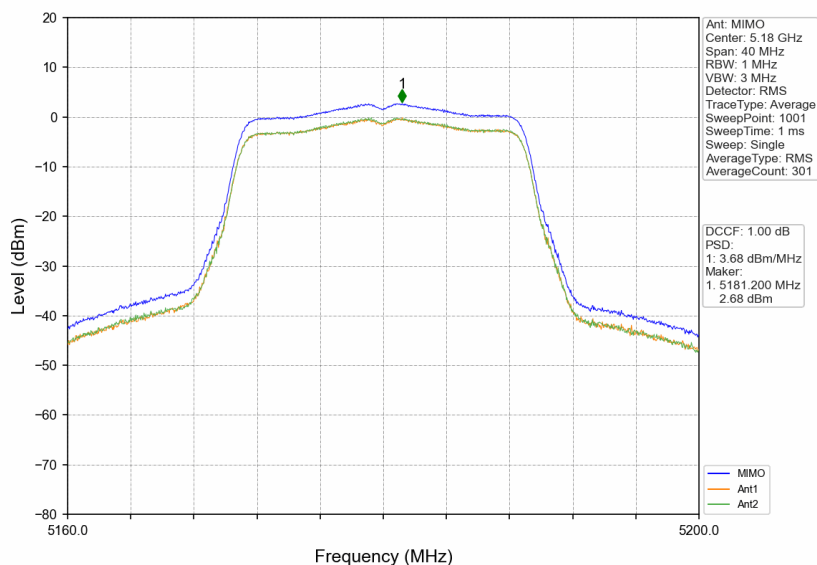
802.11n(HT20) LCH 5180MHz Ant2 NTNV



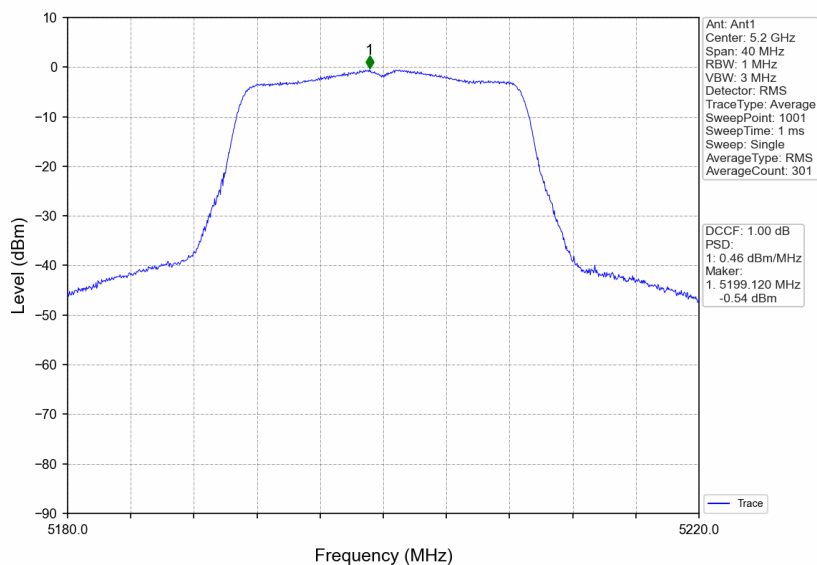
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802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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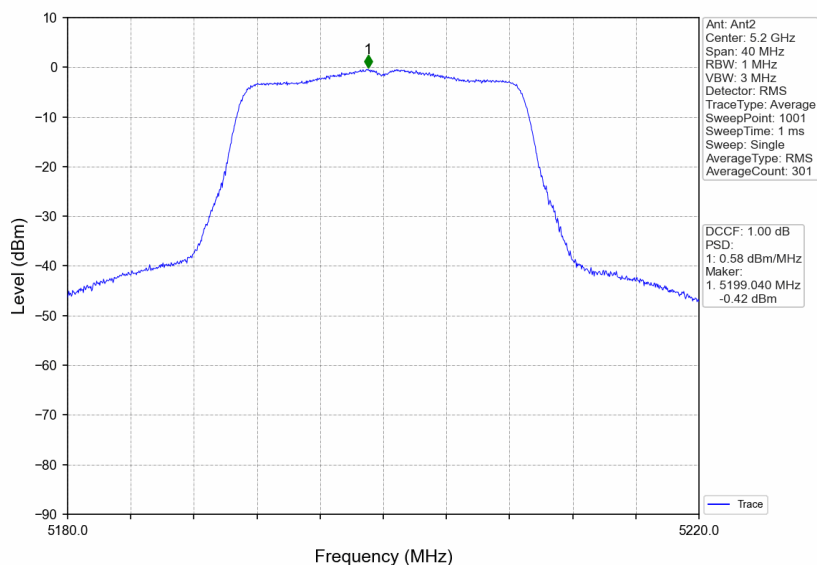
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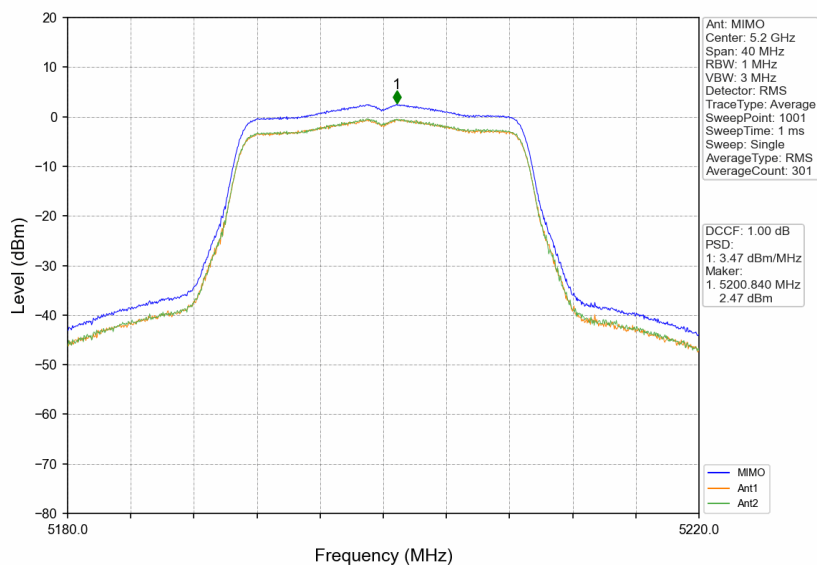
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802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



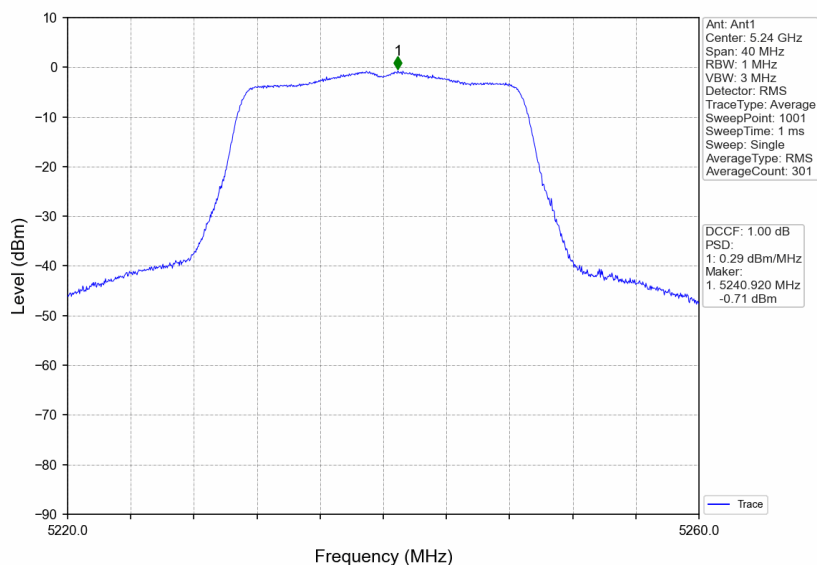
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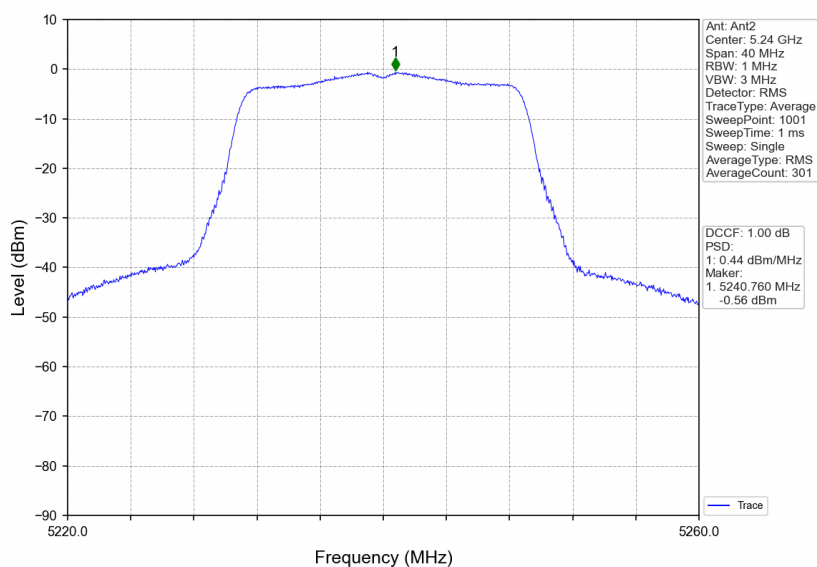
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802.11n(HT20) HCH 5240MHz Ant1 NTV



802.11n(HT20) HCH 5240MHz Ant2 NTV



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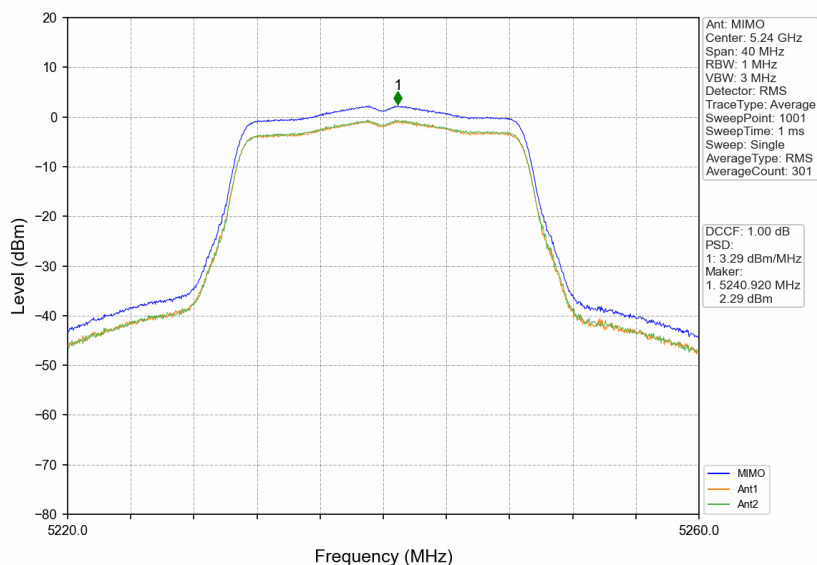
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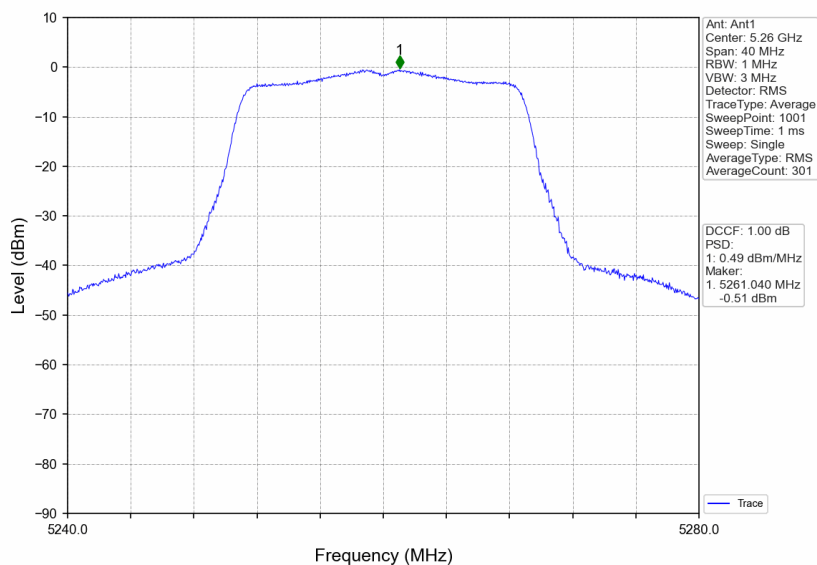
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802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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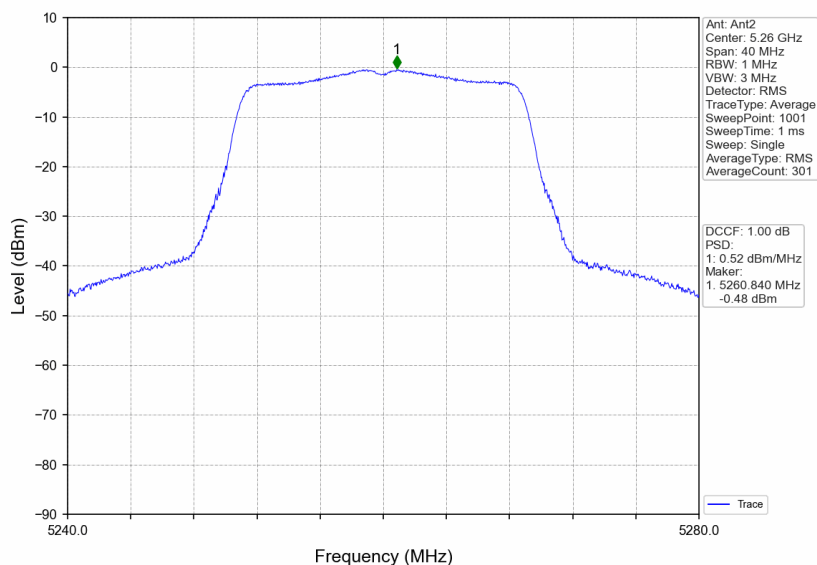
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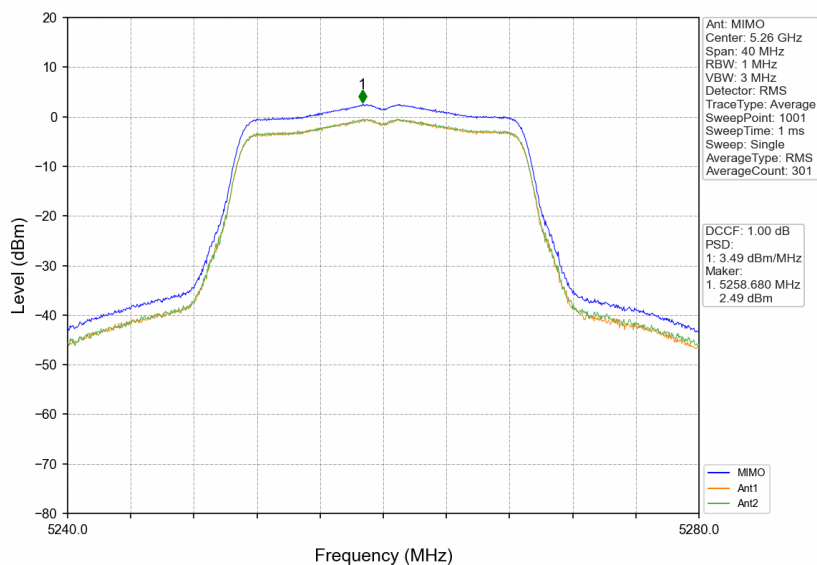
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802.11n(HT20) LCH_5260MHz_Ant2_NTNV



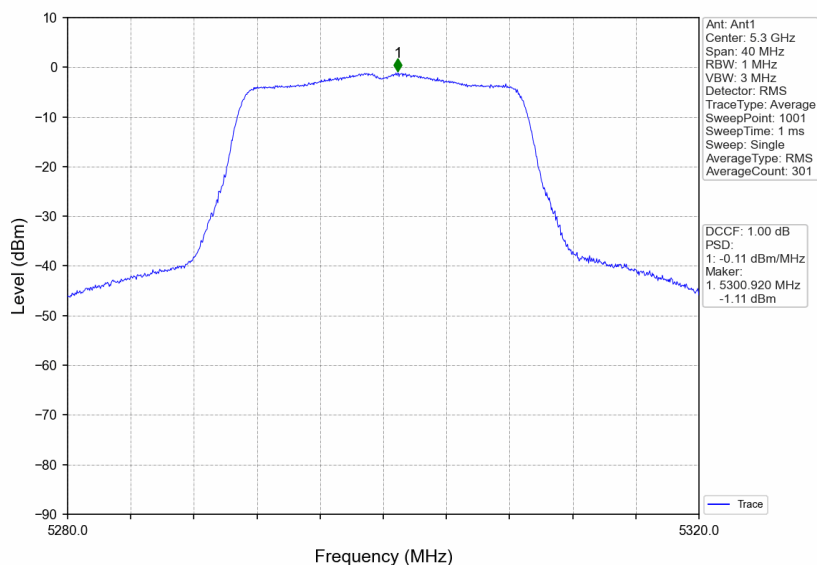
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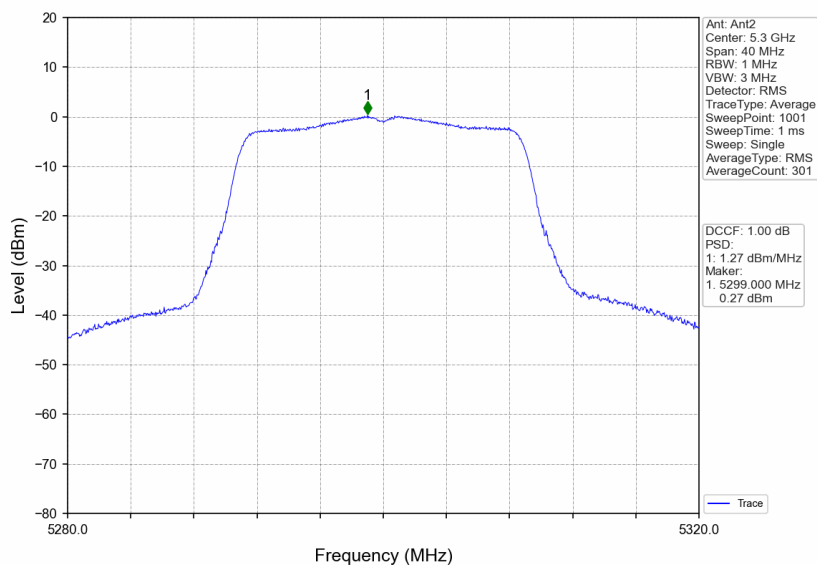
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



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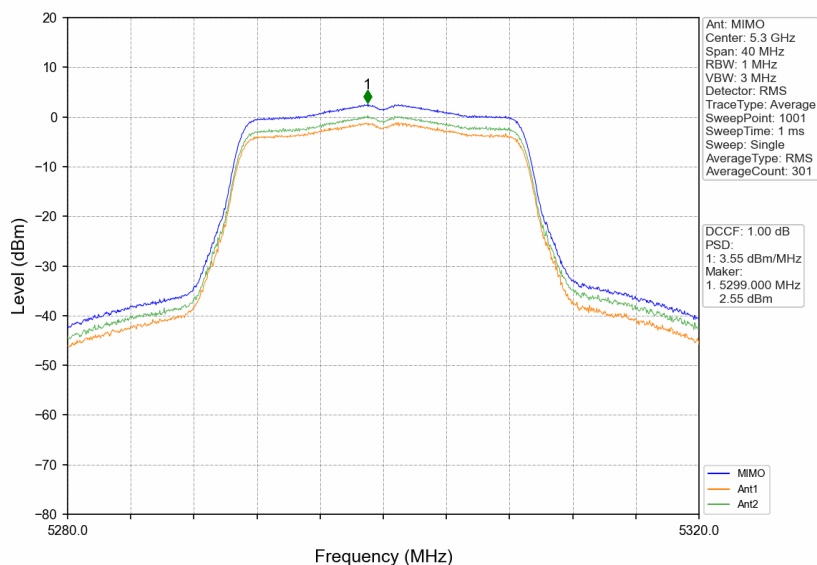
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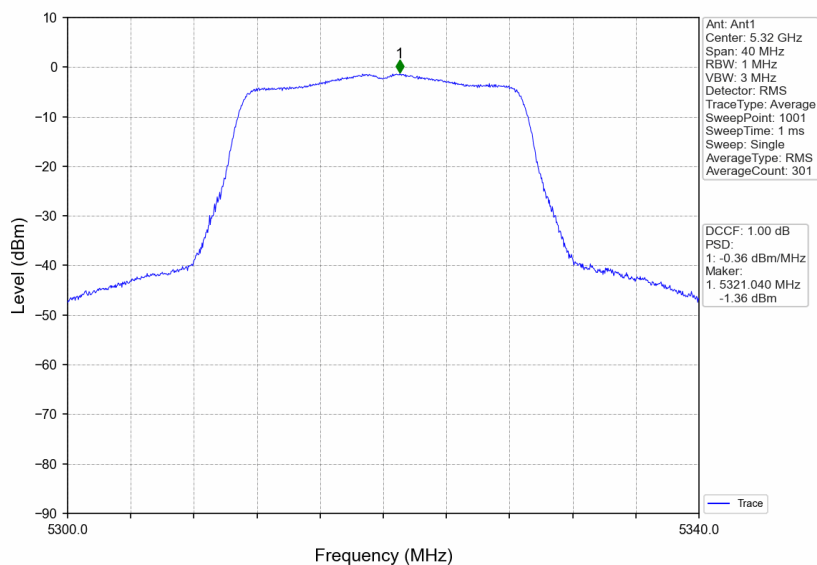
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802.11n(HT20)_MCH_5300MHz_MIMO_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



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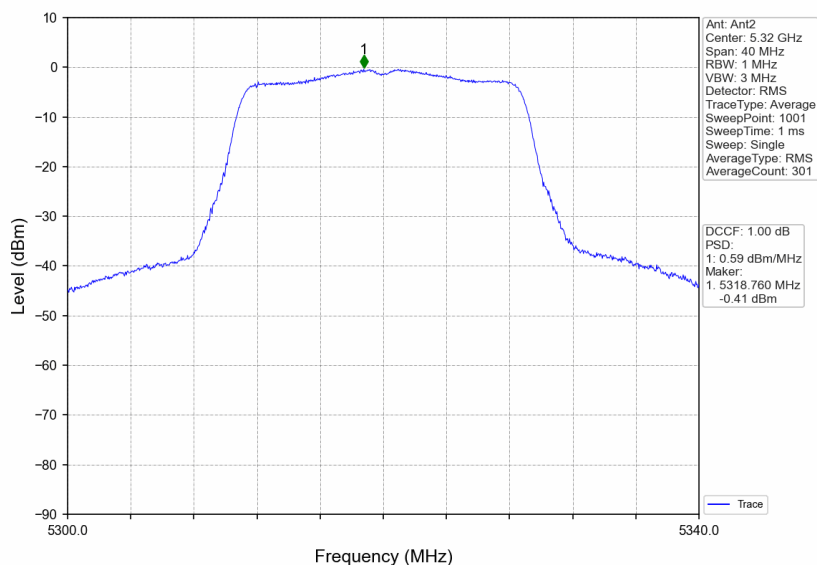
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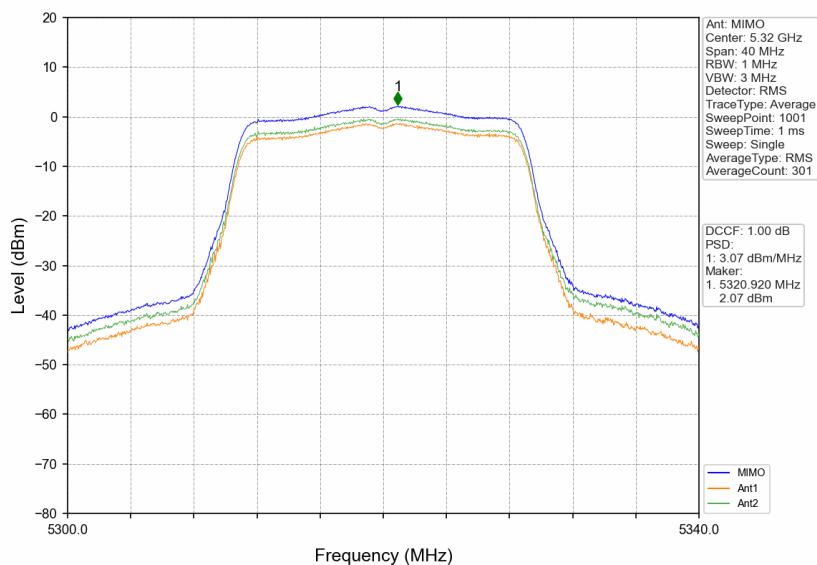
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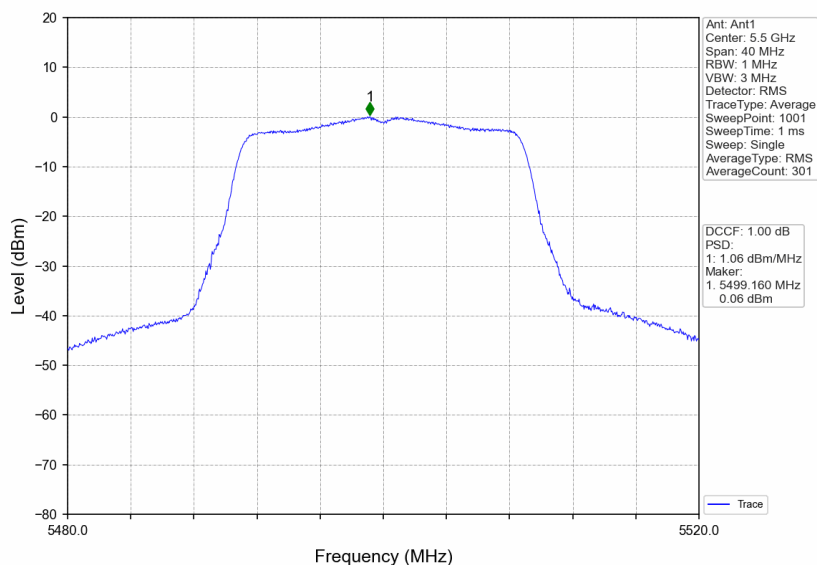
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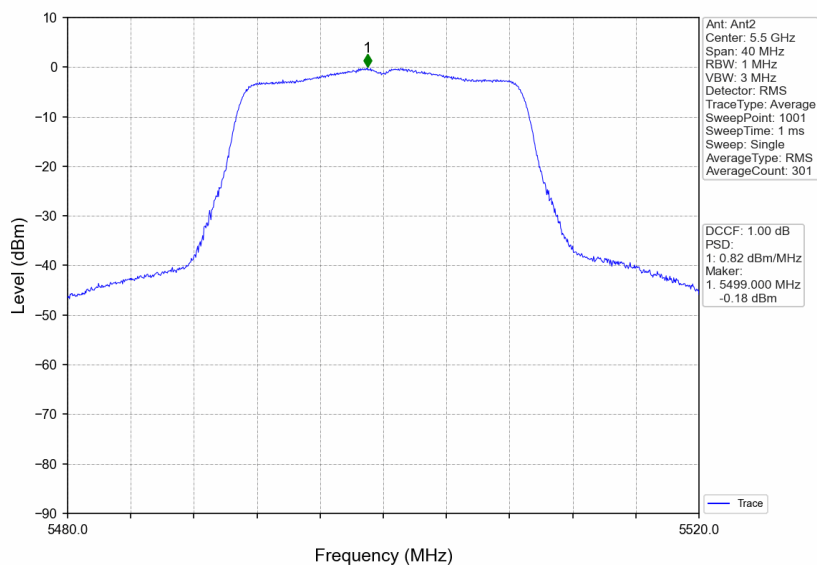
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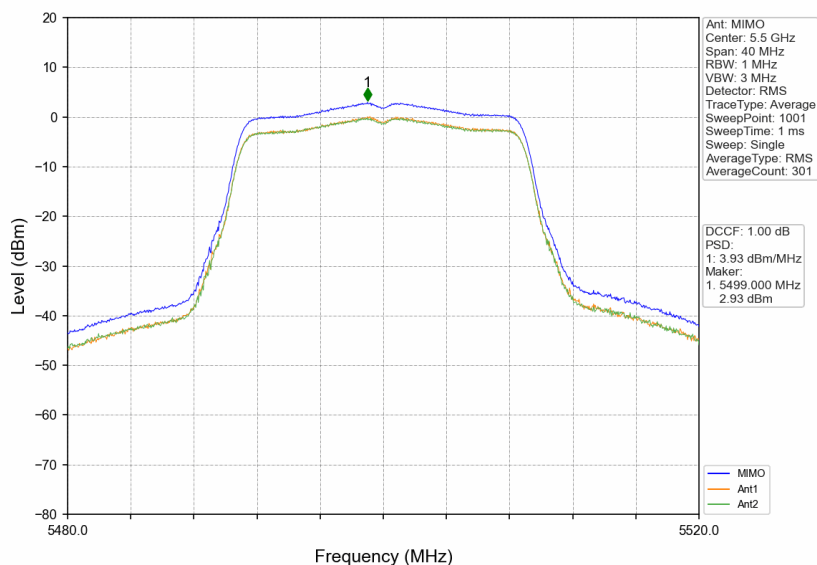
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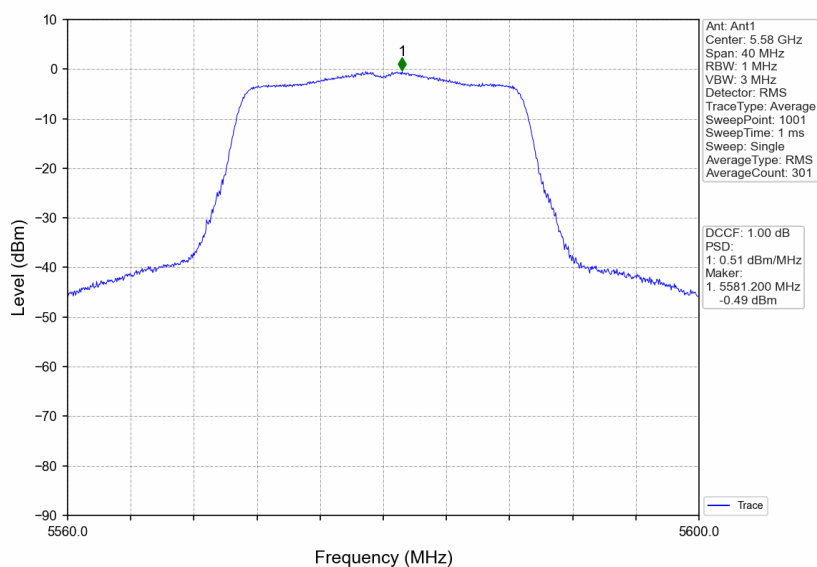
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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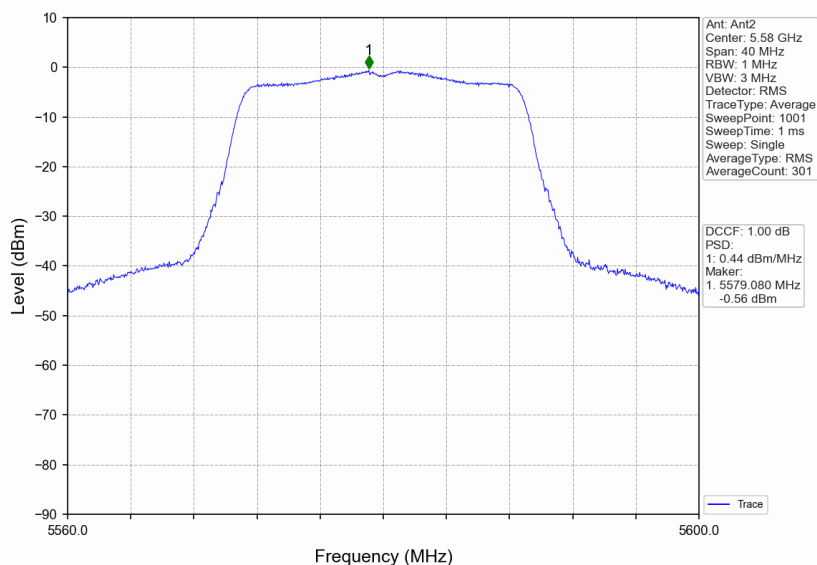
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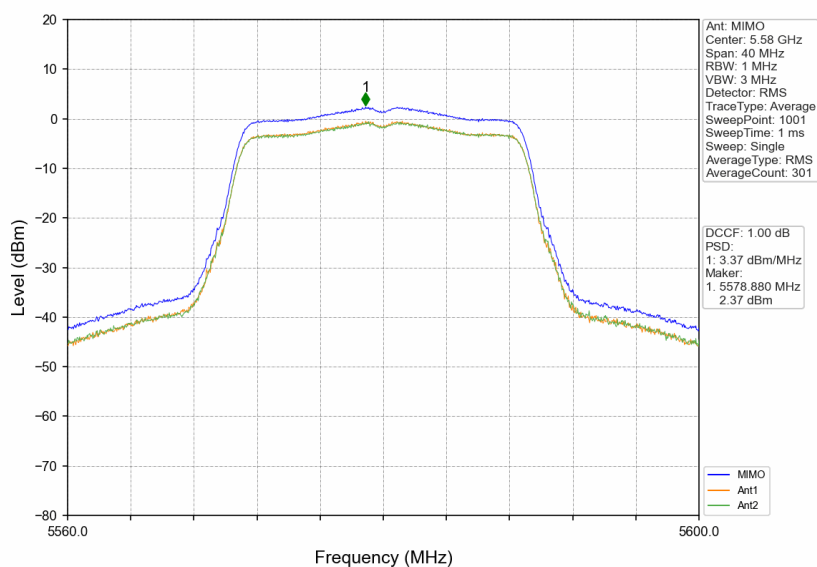
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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



802.11n(HT20)_MCH_5580MHz_MIMO_NTNV



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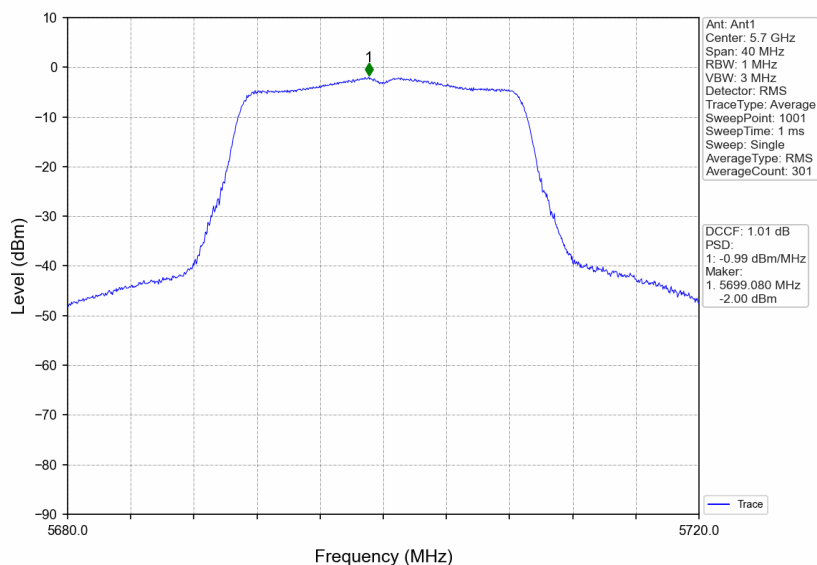
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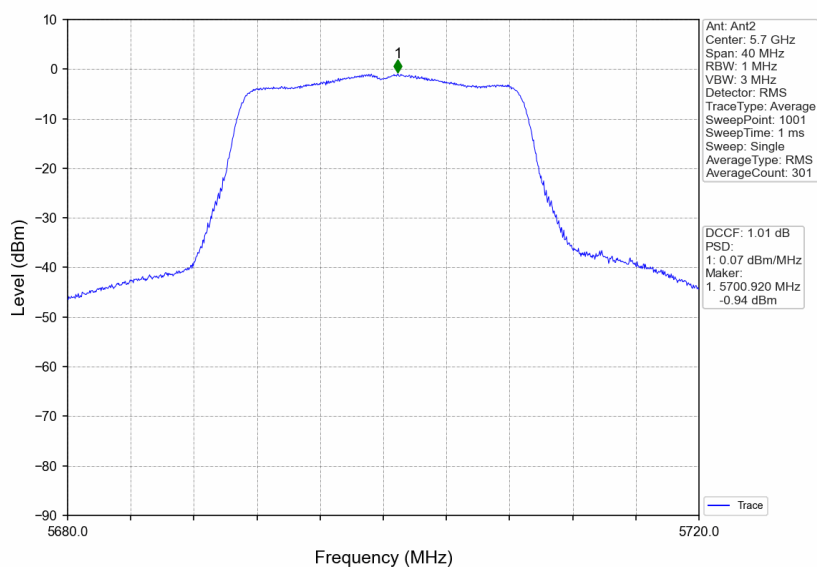
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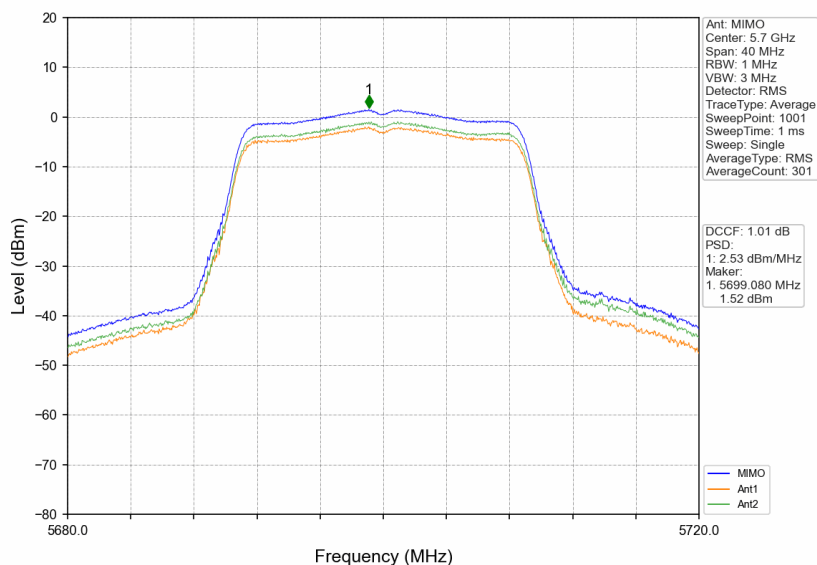
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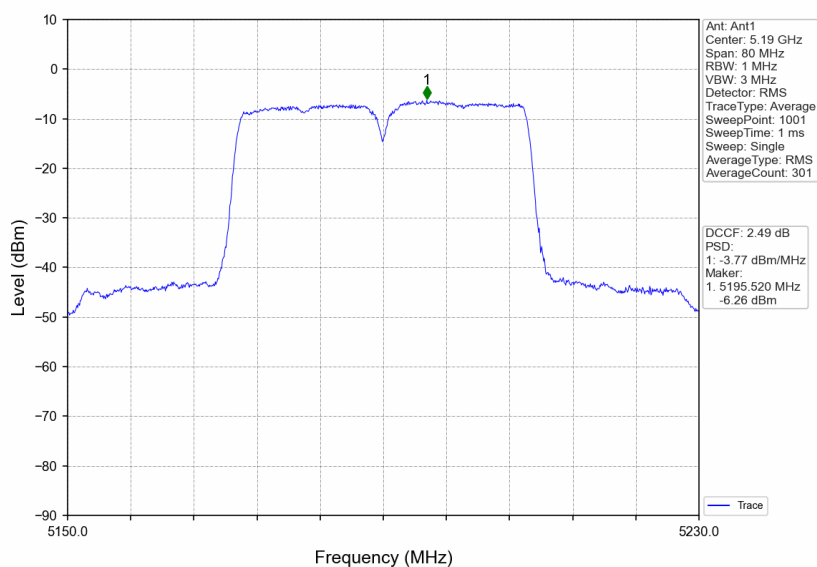
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802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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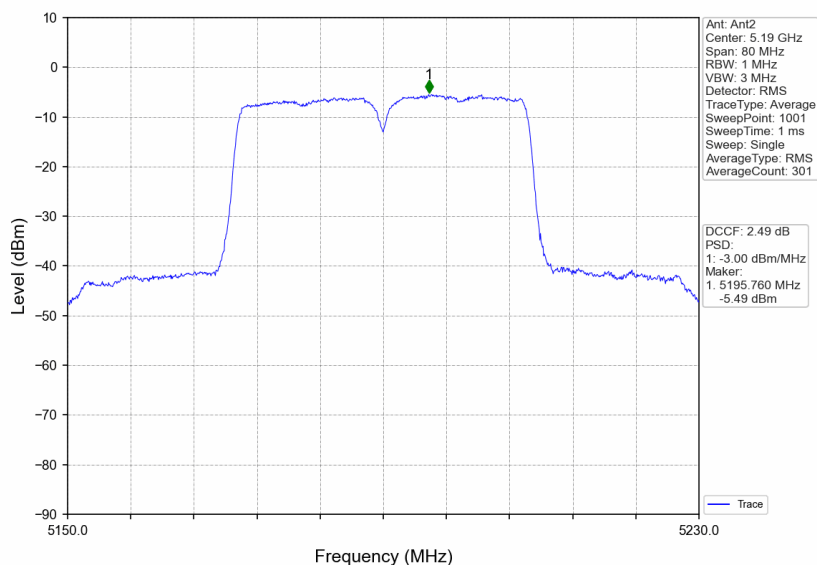
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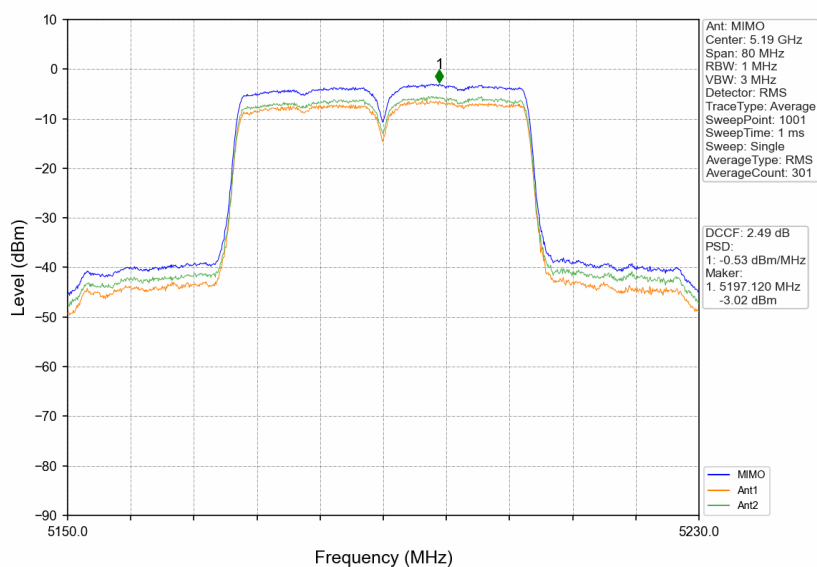
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802.11n(HT40) LCH_5190MHz_Ant2_NTNV



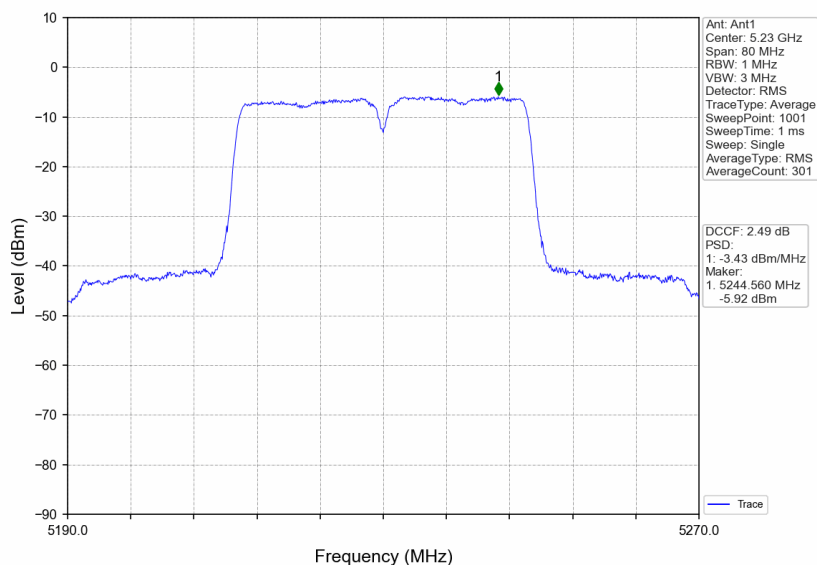
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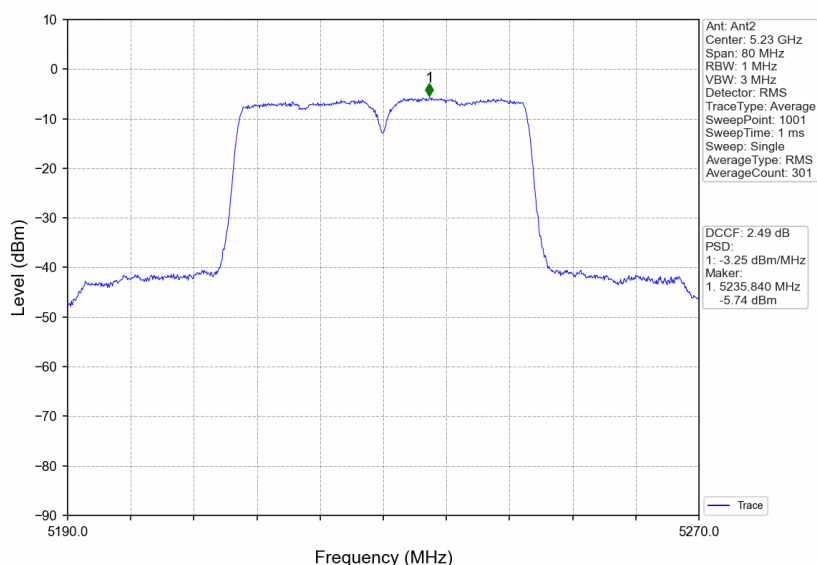
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802.11n(HT40) HCH 5230MHz_Ant1_NTNV



802.11n(HT40) HCH 5230MHz_Ant2_NTNV



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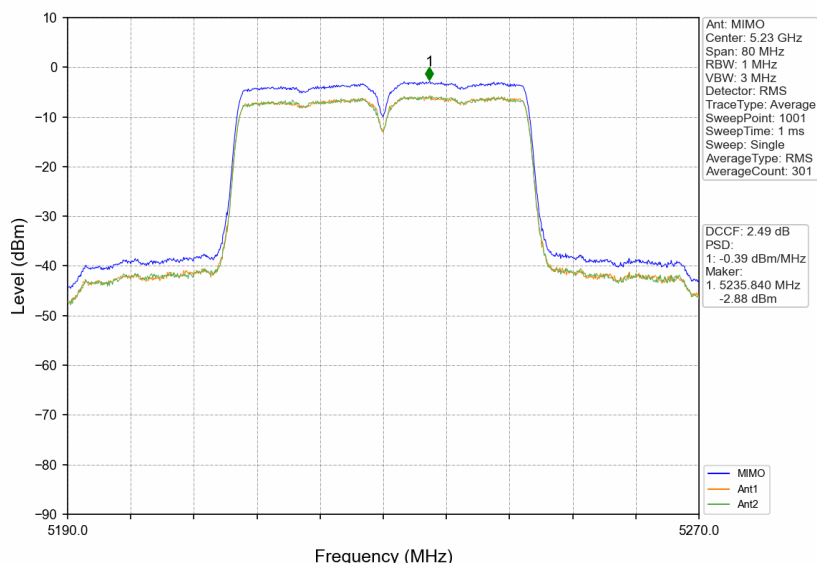
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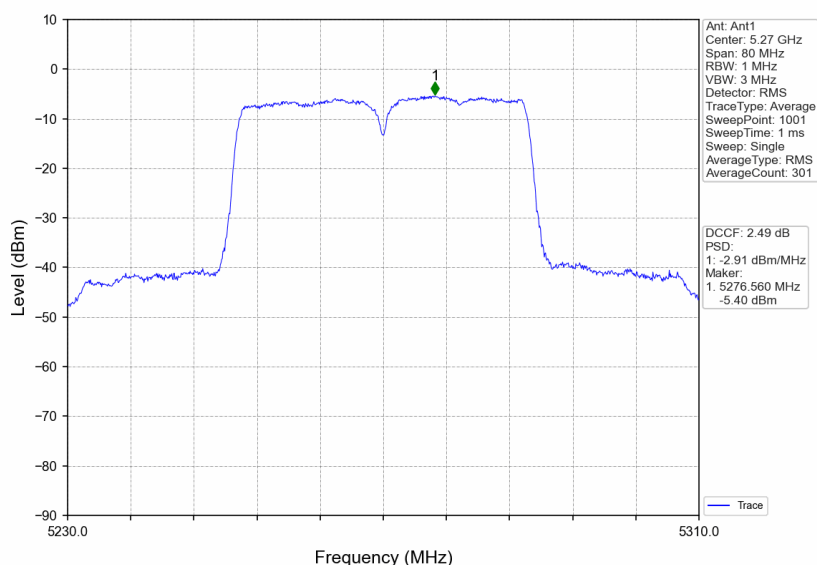
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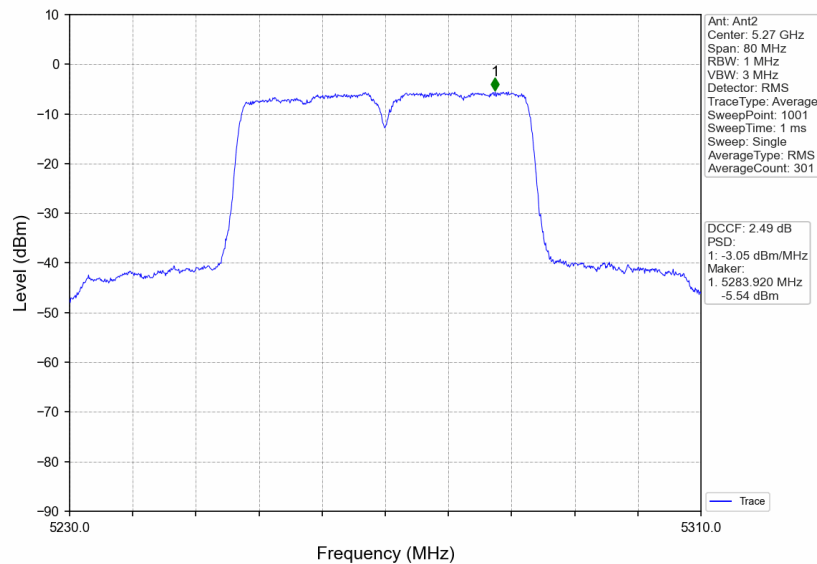
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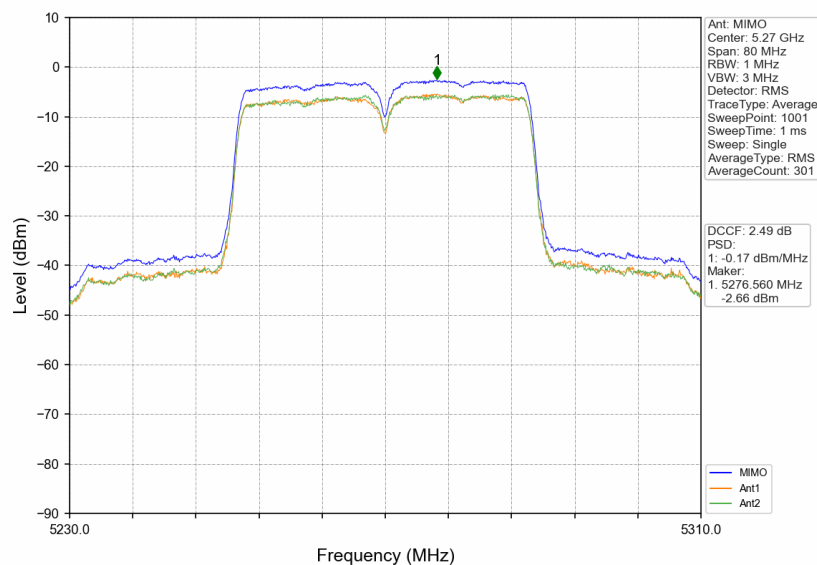
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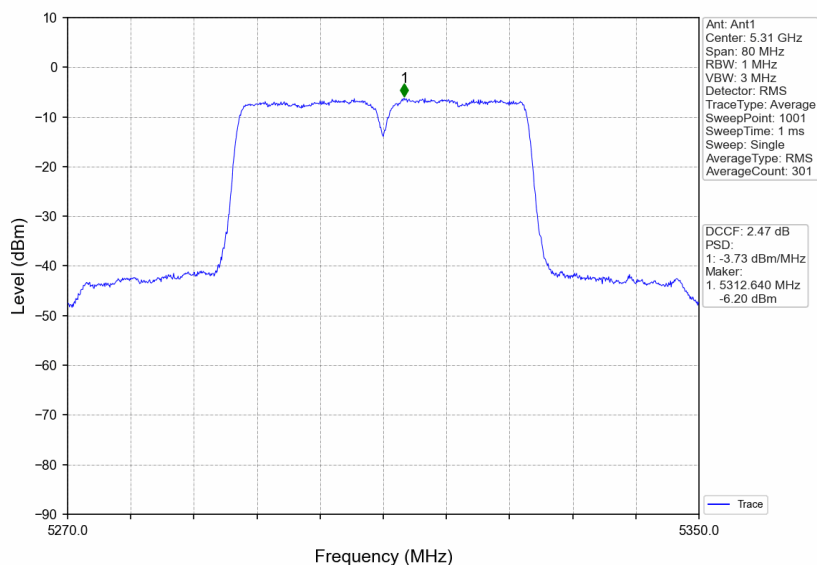
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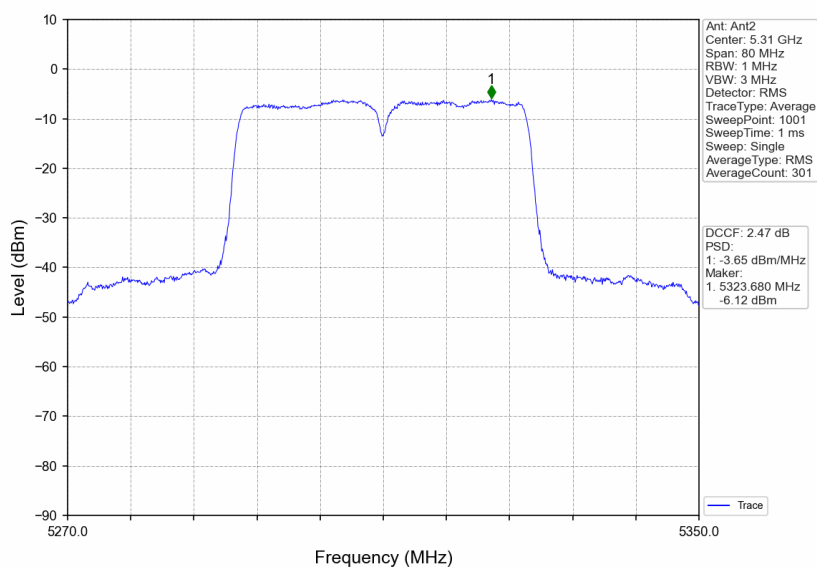
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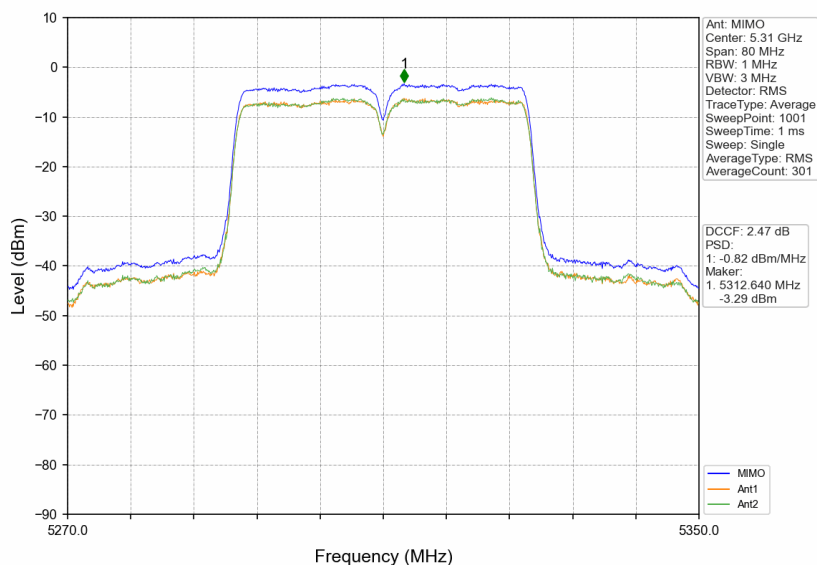
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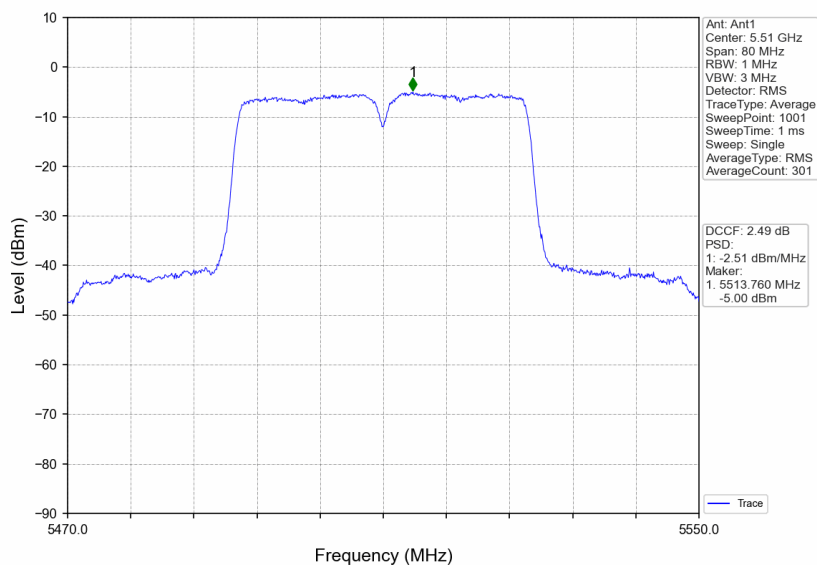
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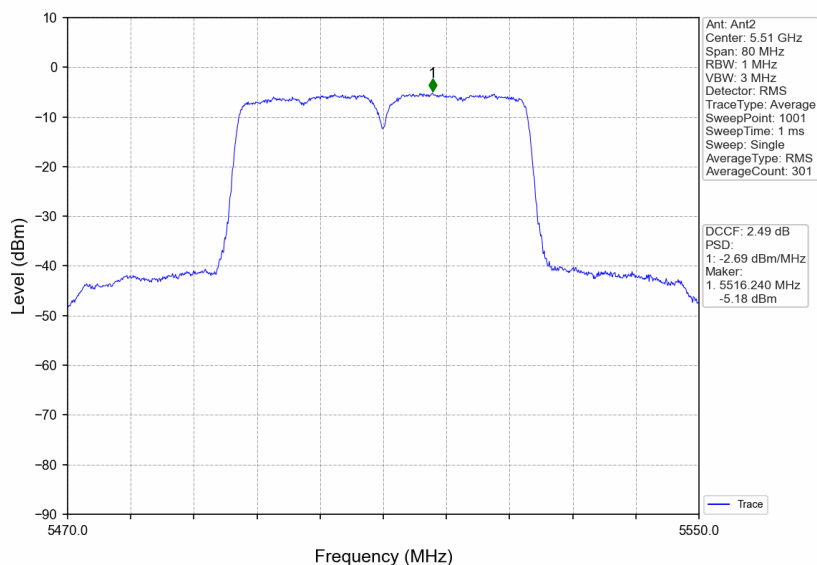
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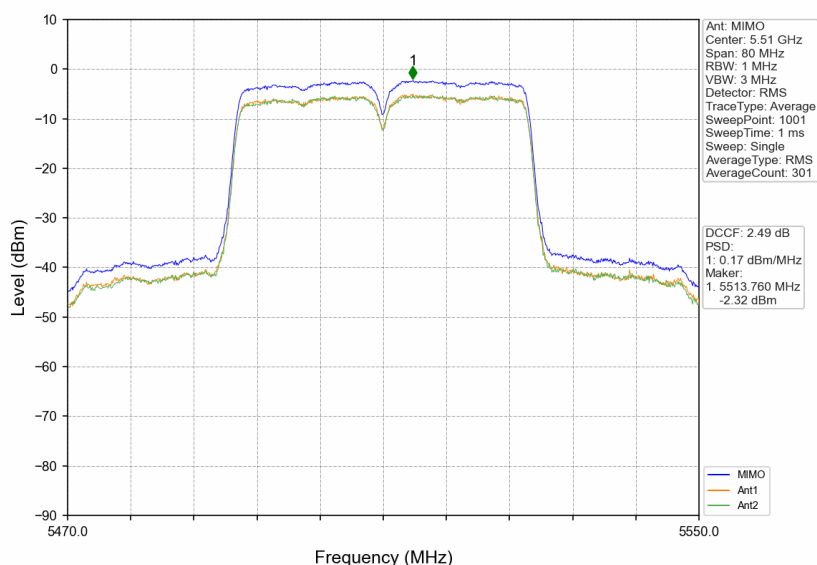
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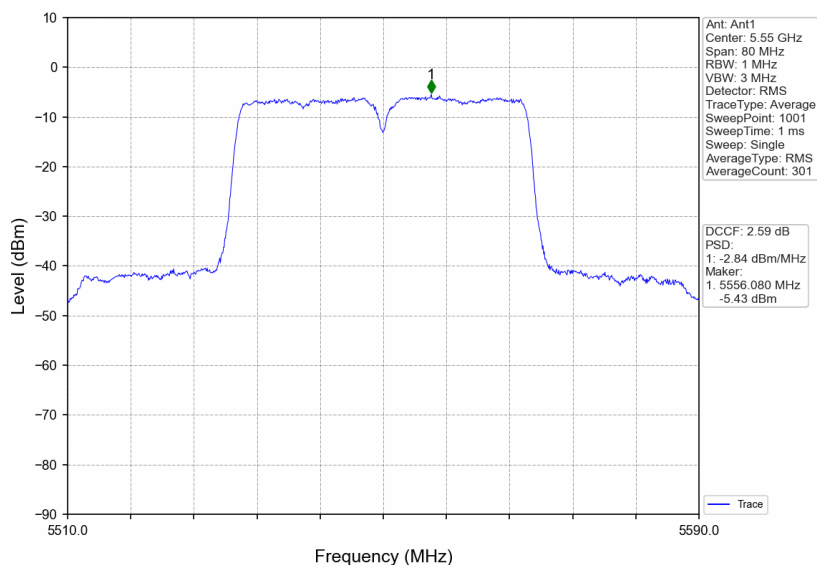
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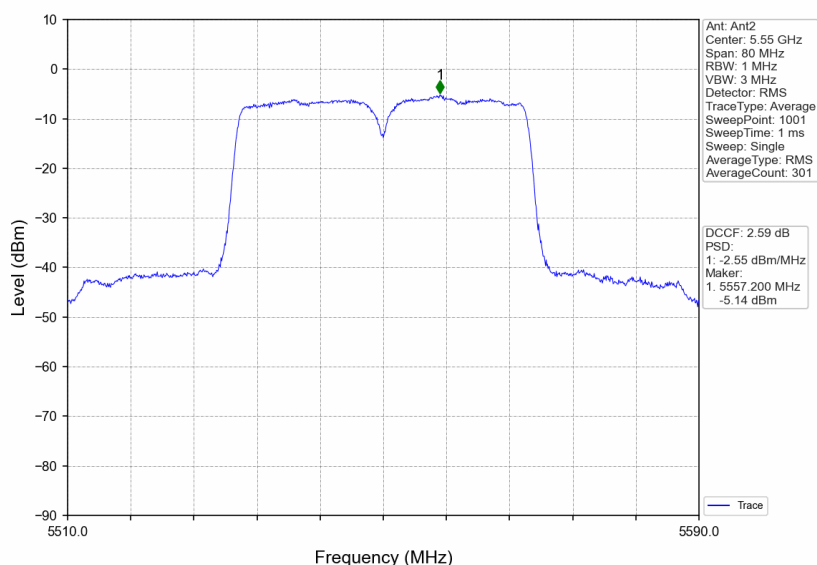
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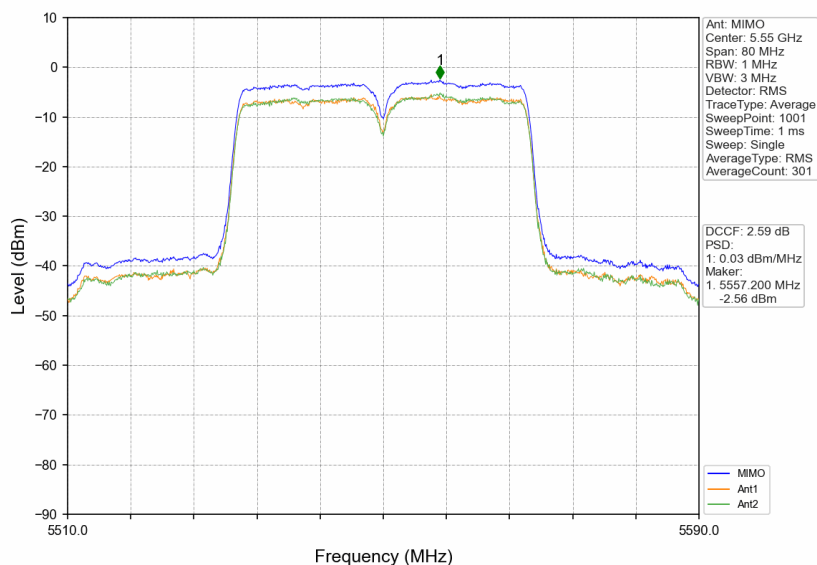
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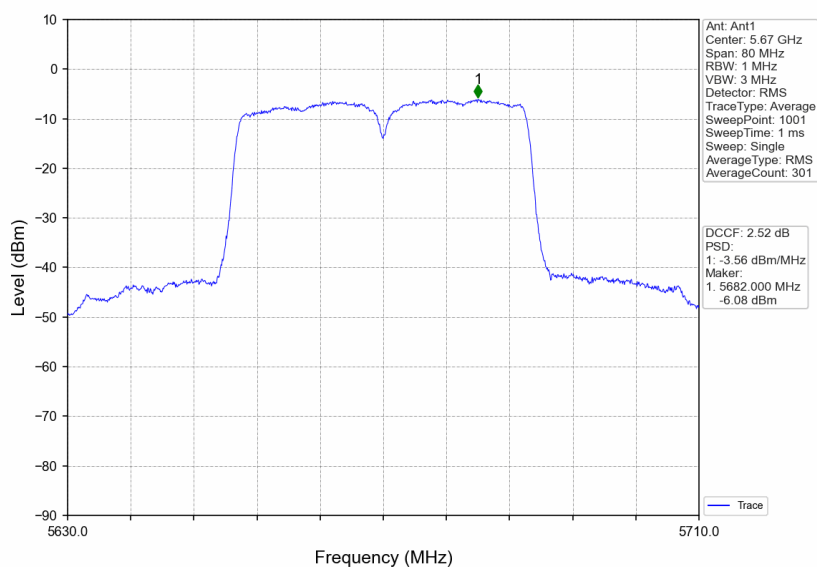
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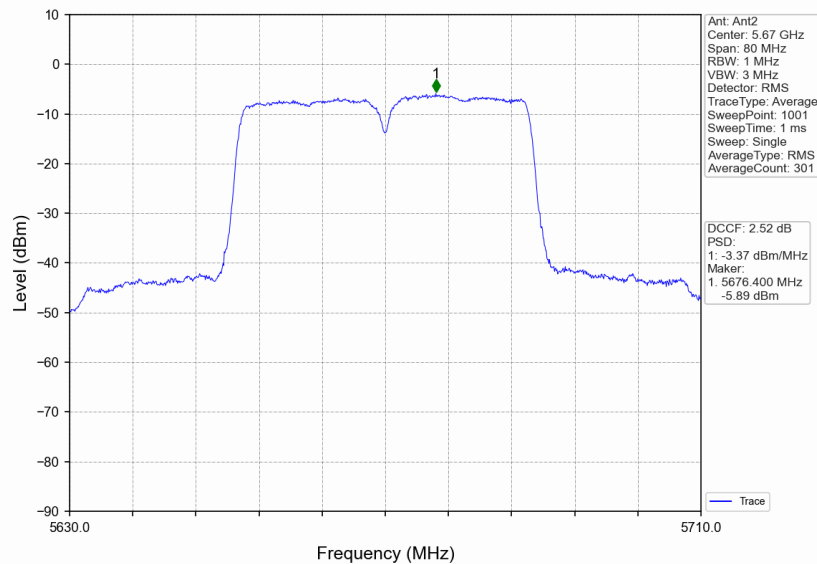
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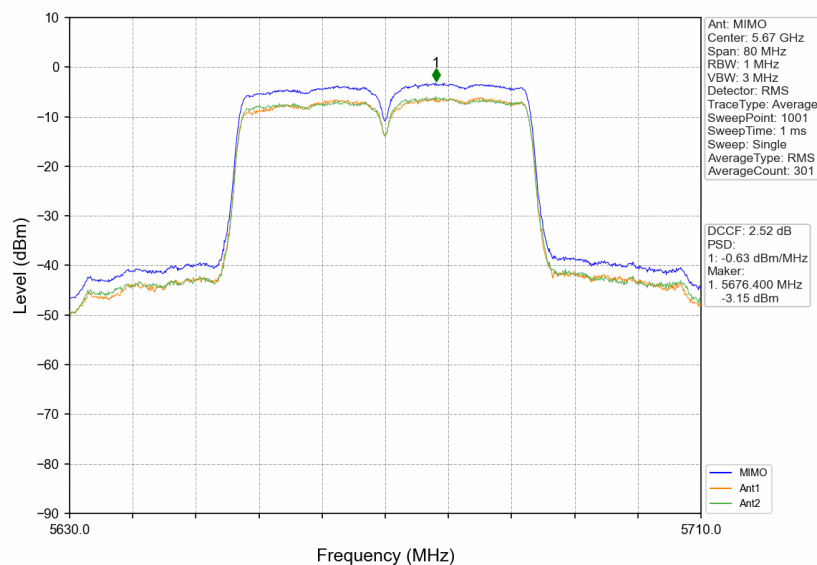
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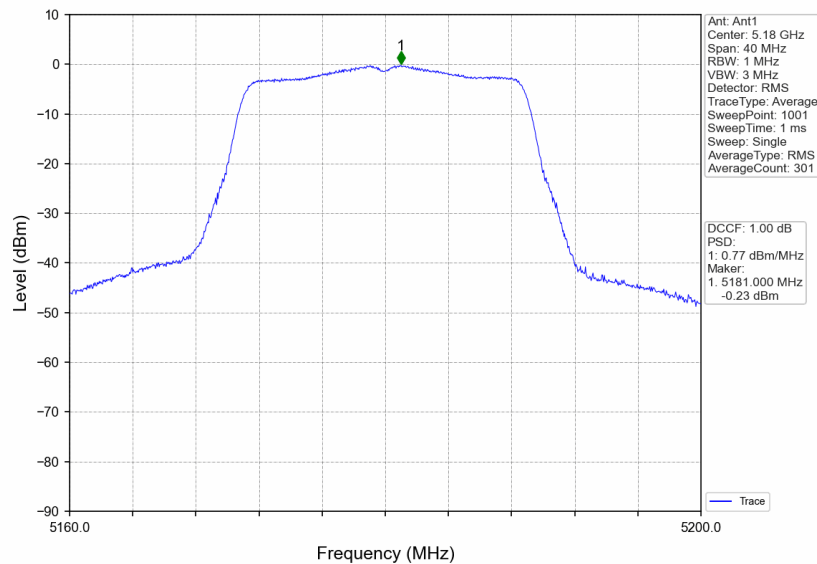
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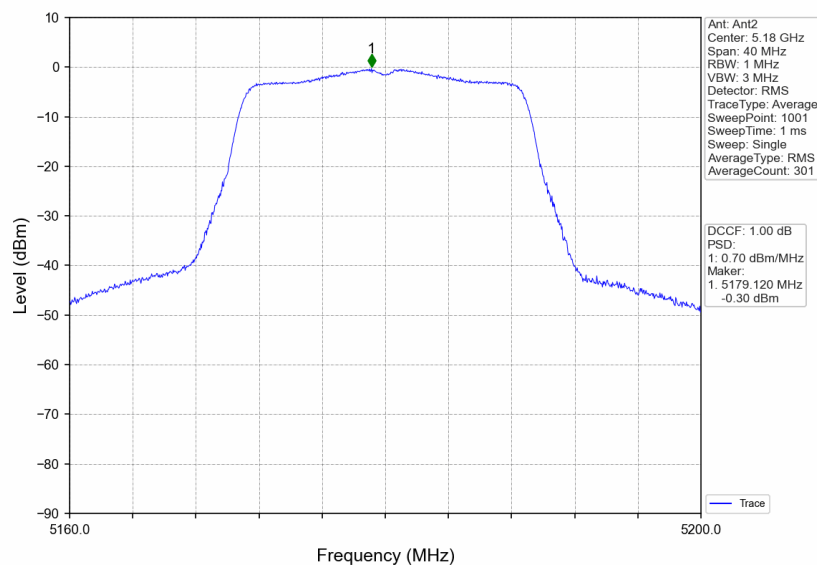
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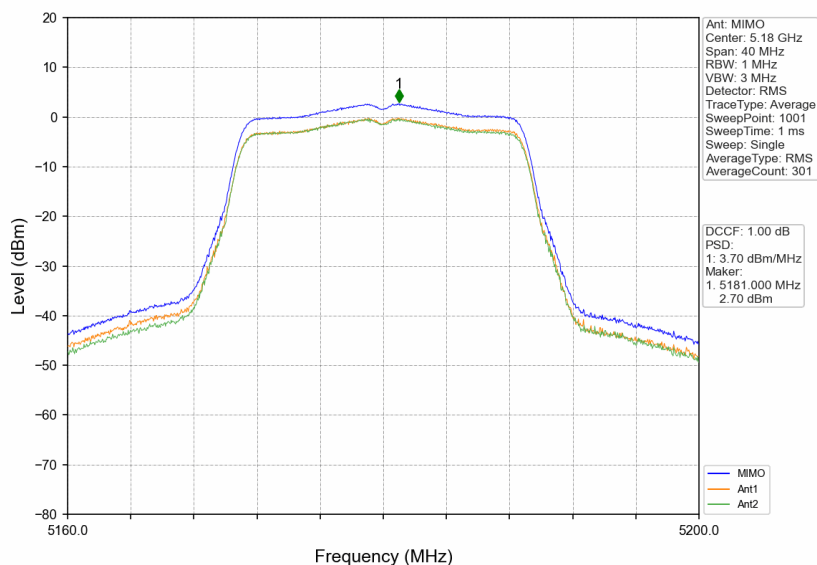
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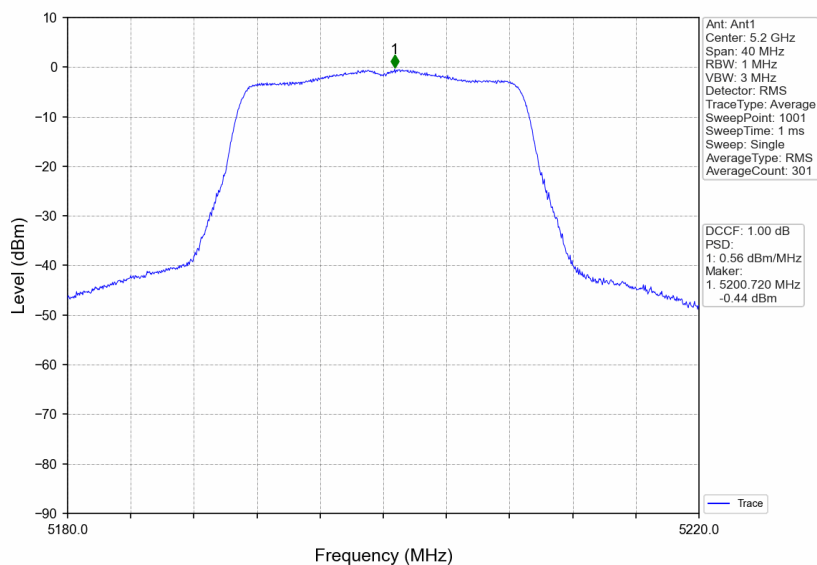
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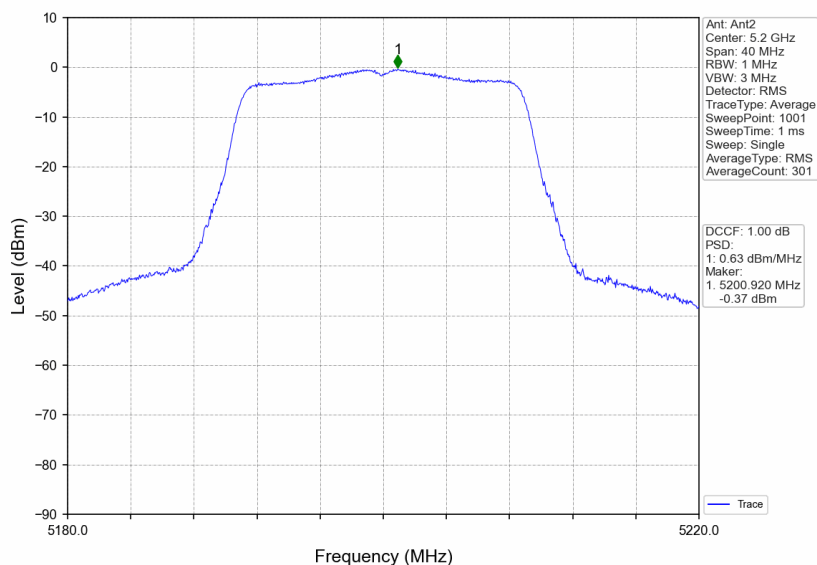
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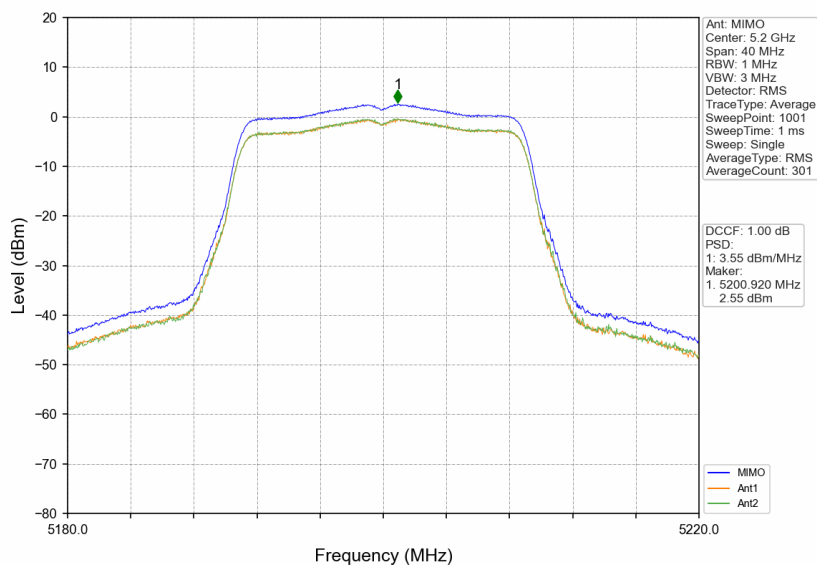
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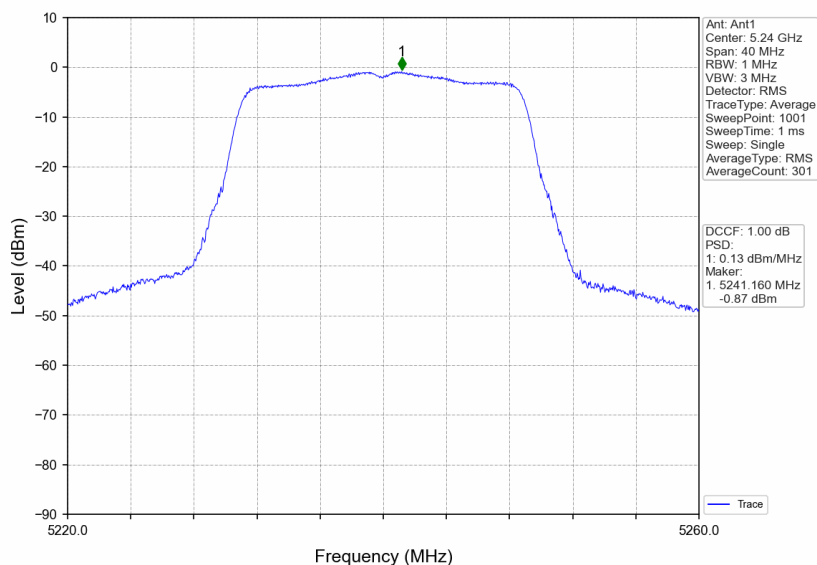
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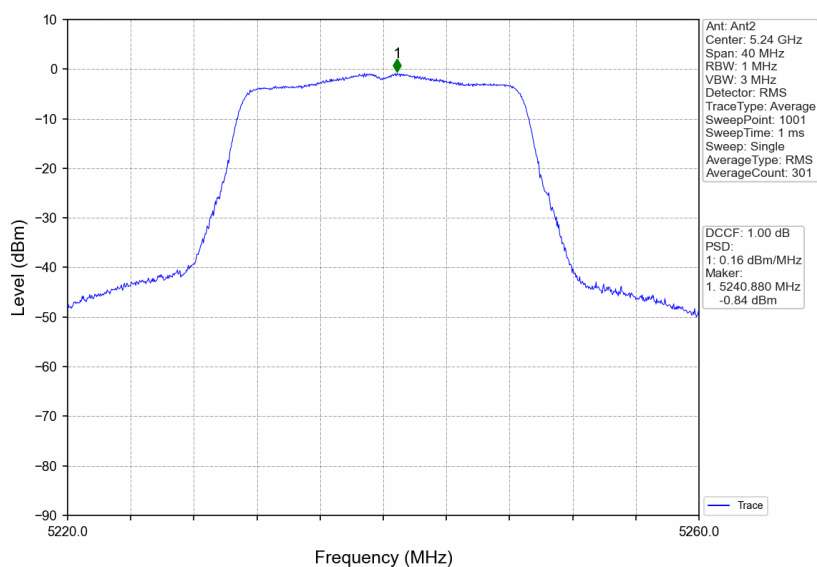
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802.11ac(VHT20) HCH 5240MHz Ant1 NTV



802.11ac(VHT20) HCH 5240MHz Ant2 NTV



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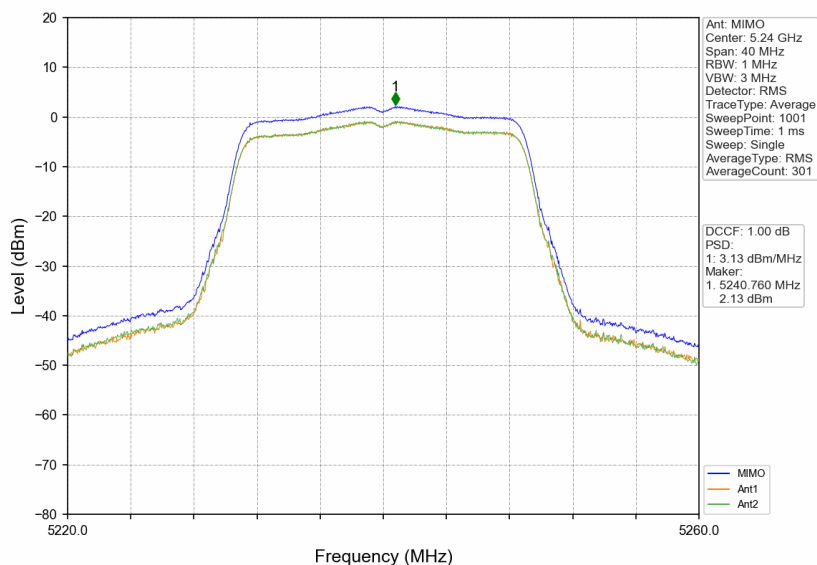
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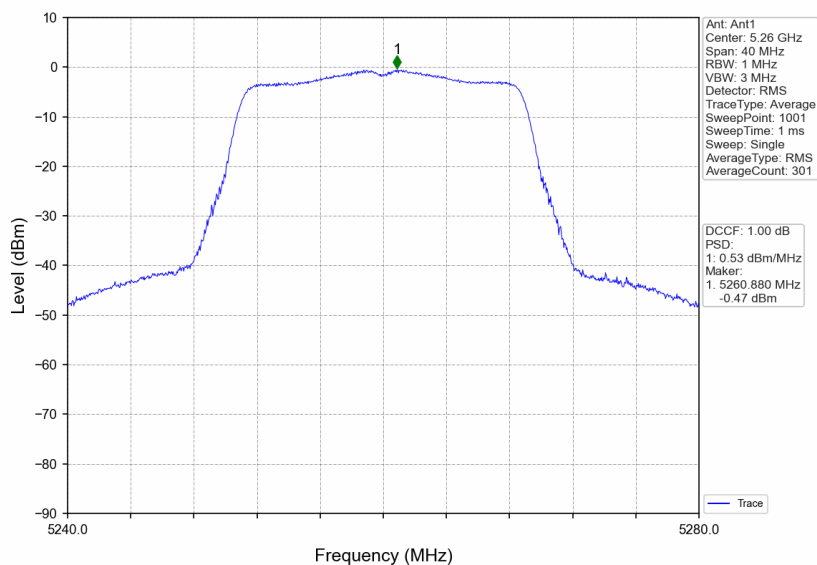
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802.11ac(VHT20) HCH 5240MHz MIMO NTN



802.11ac(VHT20) LCH 5260MHz Ant1 NTN



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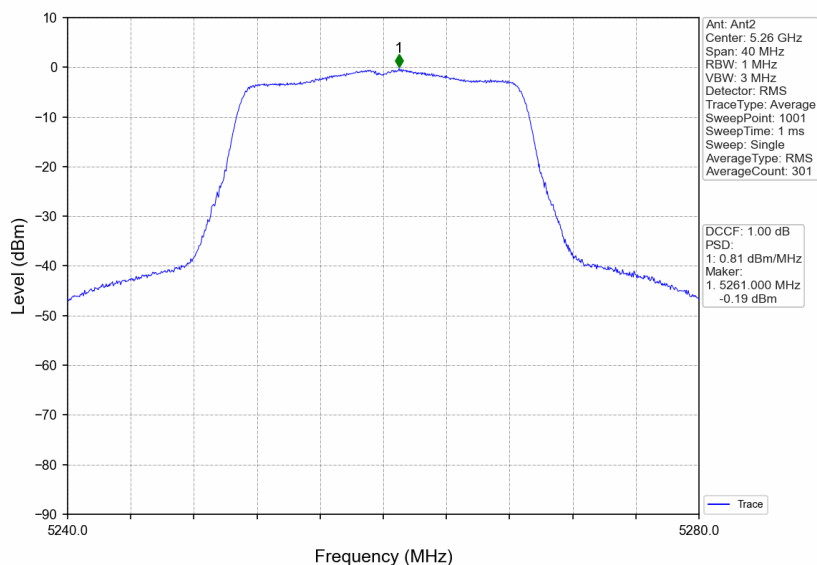
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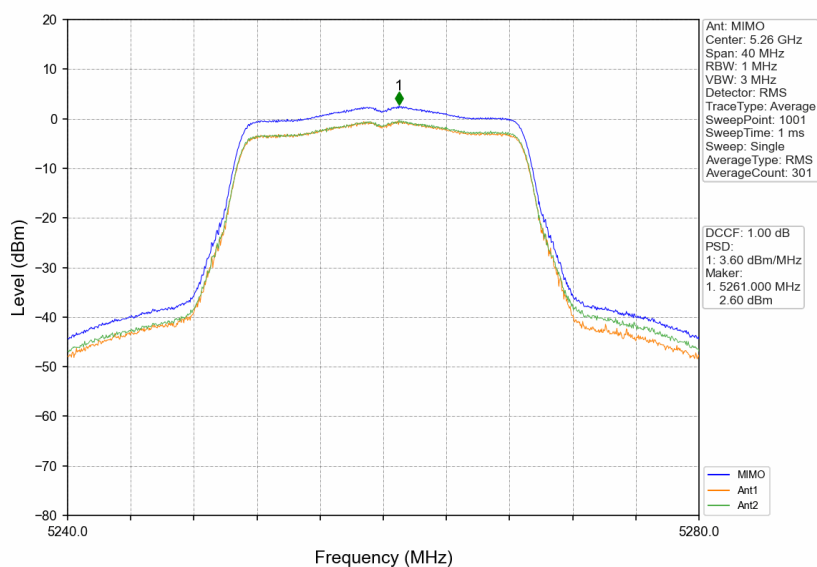
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802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5260MHz_MIMO_NTNV



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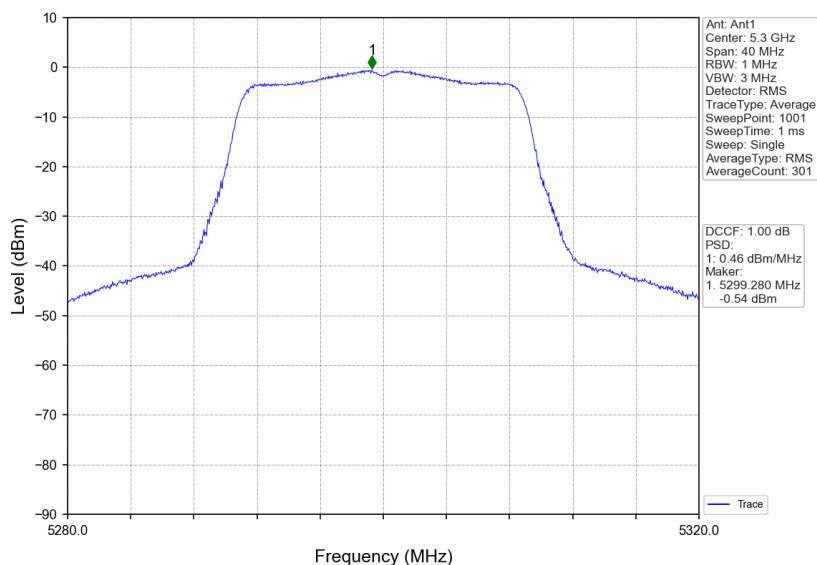
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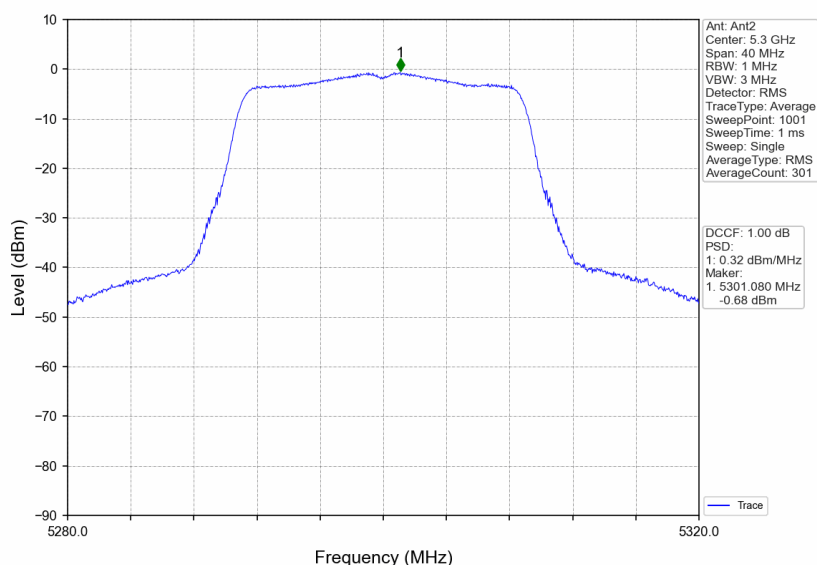
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802.11ac(VHT20) MCH 5300MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5300MHz_Ant2_NTNV



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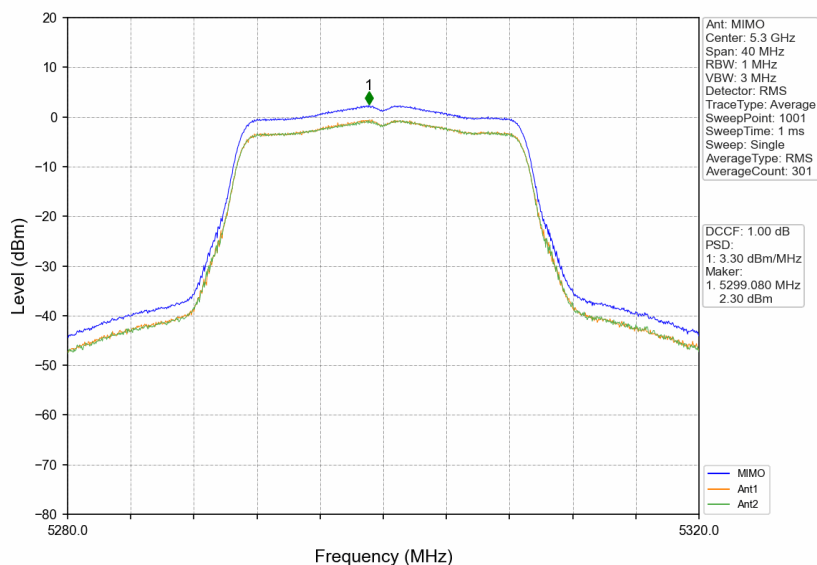
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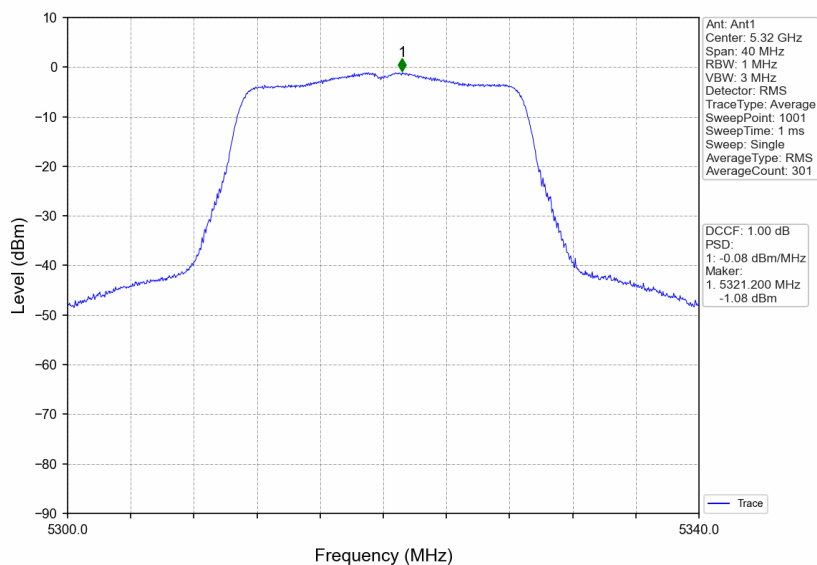
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