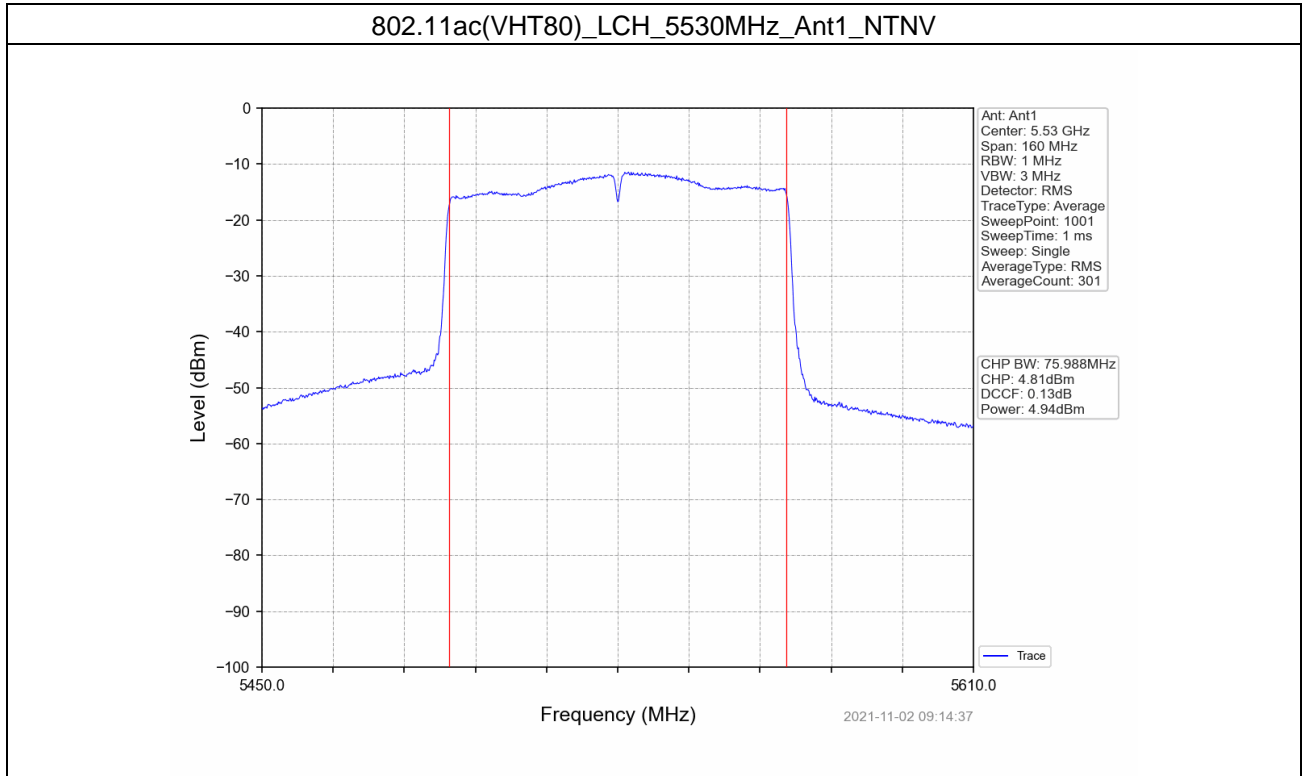
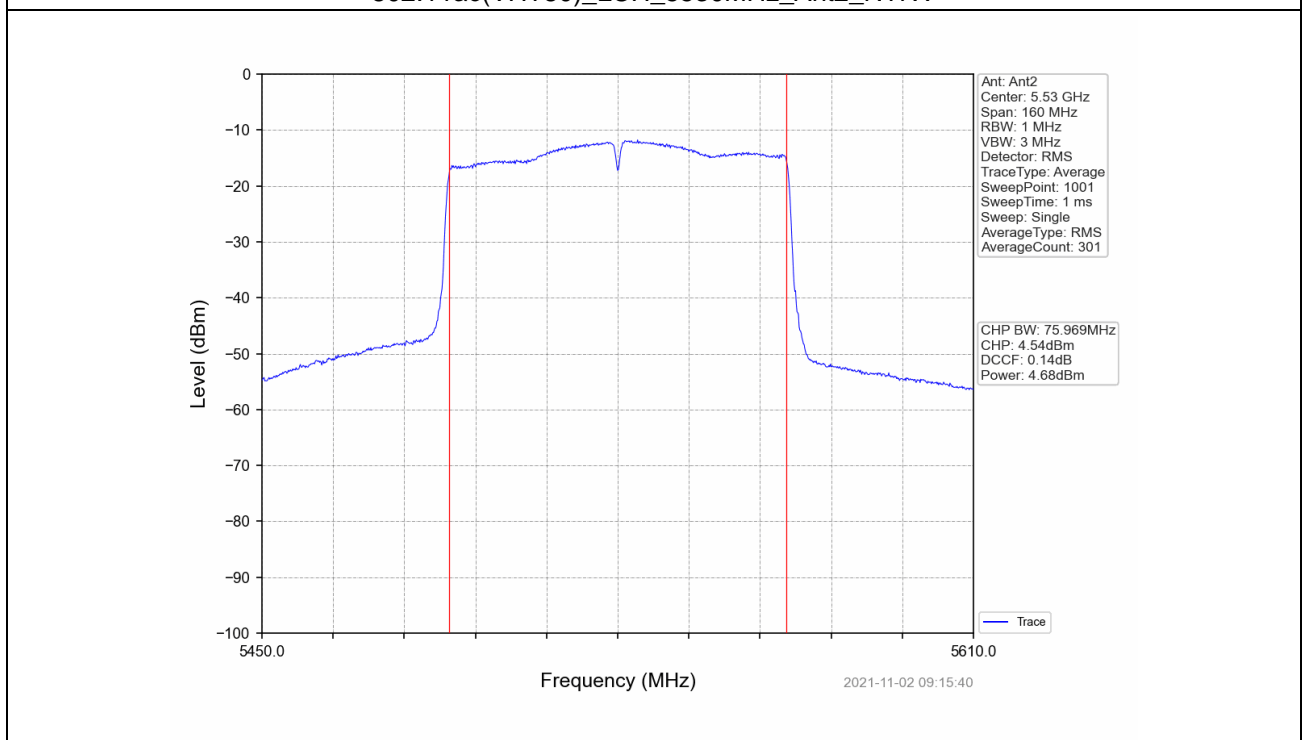


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



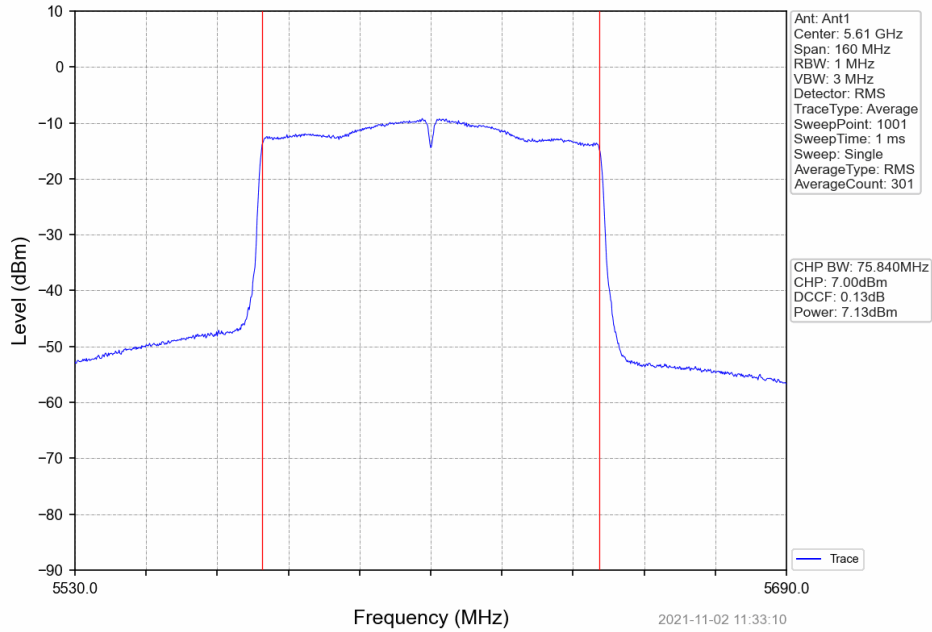
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



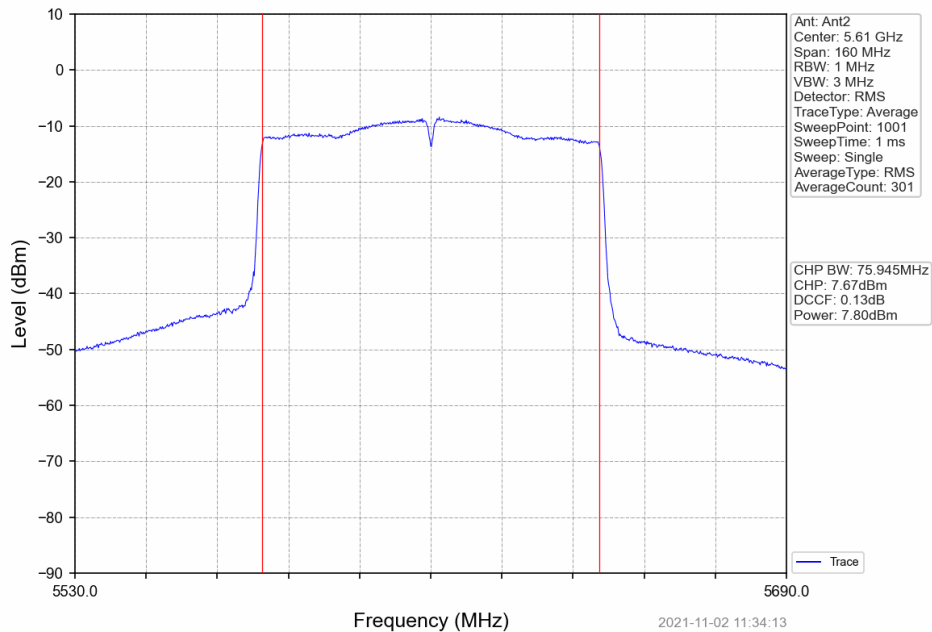
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



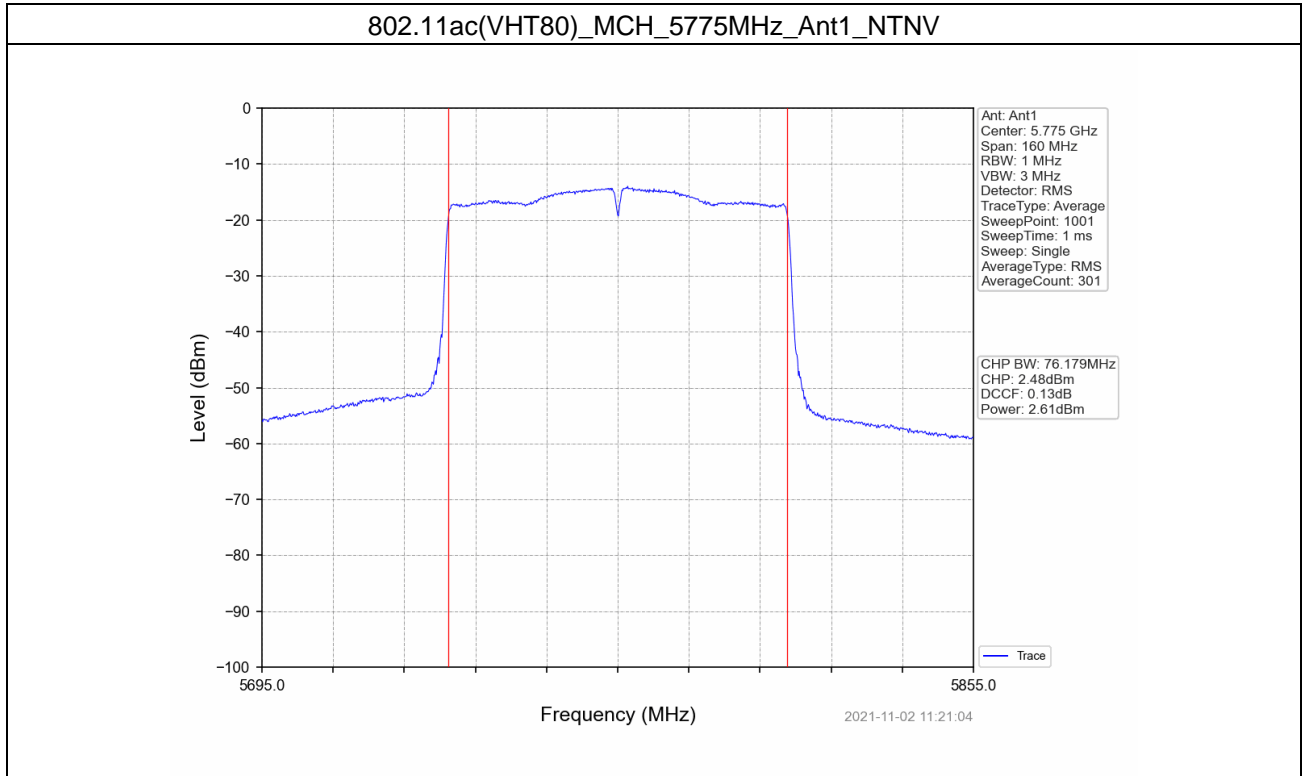
802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



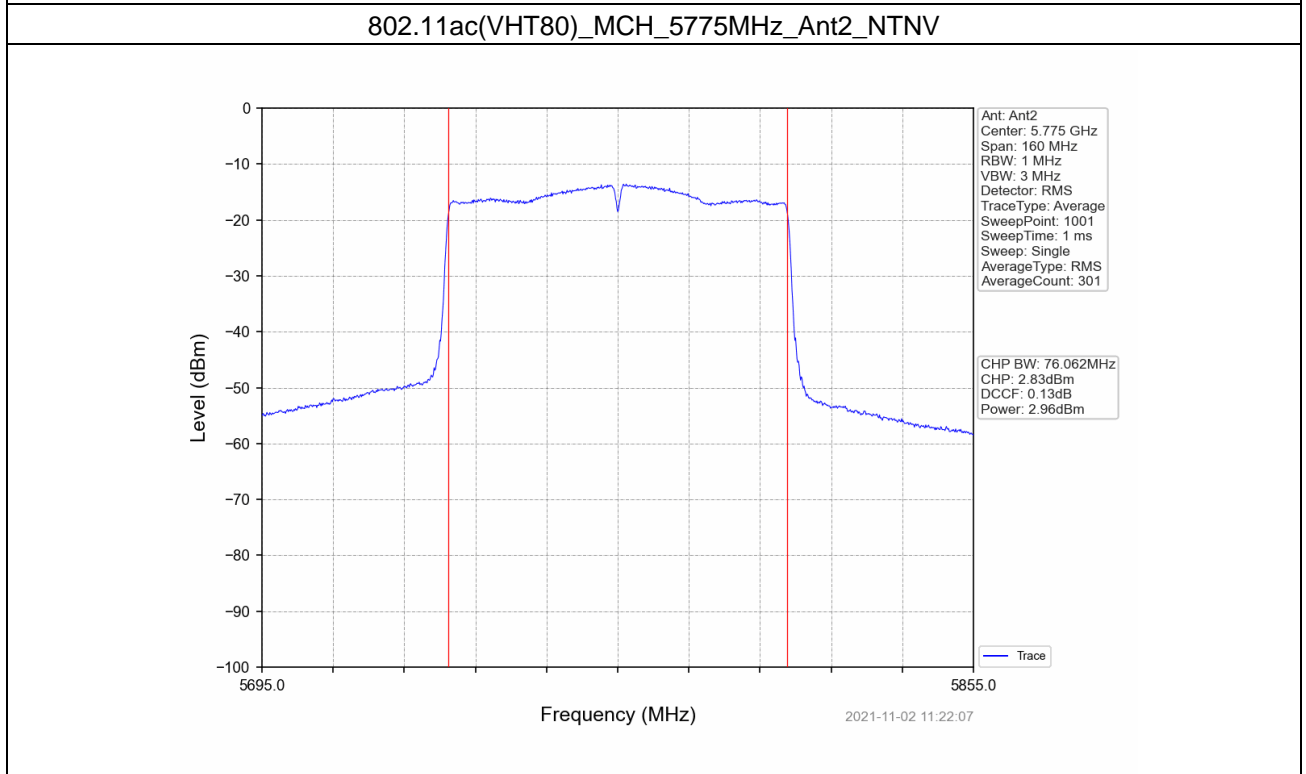
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	-3.60	-3.07	/	<=10	Pass
		5200	1.61	2.06	/	<=10	Pass
		5240	2.88	2.98	/	<=10	Pass
		5260	0.57	1.62	/	<=10	Pass
		5300	0.72	1.18	/	<=10	Pass
		5320	-5.27	-4.42	/	<=10	Pass
		5500	-5.45	-5.55	/	<=10	Pass
		5580	-0.31	1.25	/	<=10	Pass
		5700	0.07	0.61	/	<=10	Pass
802.11n (HT20)	MIMO	5180	-5.88	-5.66	-2.89	<=6.99	Pass
		5200	-4.07	-3.42	-0.79	<=6.99	Pass
		5240	-3.90	-3.48	-0.72	<=6.99	Pass
		5260	0.50	0.99	3.73	<=6.99	Pass
		5300	0.32	1.06	3.63	<=6.99	Pass
		5320	-6.20	-5.64	-2.95	<=6.99	Pass
		5500	-0.85	-0.21	2.41	<=6.99	Pass
		5580	-0.92	0.10	2.63	<=6.99	Pass
		5700	-0.98	-0.50	2.07	<=6.99	Pass
802.11n (HT40)	MIMO	5190	-9.58	-9.58	-6.65	<=6.99	Pass
		5230	-9.44	-9.58	-6.58	<=6.99	Pass
		5270	-6.85	-6.12	-3.56	<=6.99	Pass
		5310	-3.35	-2.73	-0.09	<=6.99	Pass
		5510	-8.46	-8.78	-5.68	<=6.99	Pass
		5550	-3.38	-2.91	-0.20	<=6.99	Pass
		5670	-3.82	-3.22	-0.54	<=6.99	Pass
802.11ac (VHT20)	MIMO	5180	-5.78	-5.37	-2.61	<=6.99	Pass
		5200	-3.77	-3.54	-0.77	<=6.99	Pass
		5240	-3.66	-3.78	-0.80	<=6.99	Pass
		5260	0.39	0.89	3.57	<=6.99	Pass
		5300	0.48	0.81	3.56	<=6.99	Pass
		5320	-5.89	-5.84	-2.95	<=6.99	Pass
		5500	-5.70	-5.94	-2.91	<=6.99	Pass
		5580	-0.93	0.09	2.56	<=6.99	Pass



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		5700	-1.07	-0.45	2.18	<=6.99	Pass
802.11ac (VHT40)	MIMO	5190	-12.50	-12.75	-9.66	<=6.99	Pass
		5230	-9.36	-9.59	-6.52	<=6.99	Pass
		5270	-6.72	-5.97	-3.39	<=6.99	Pass
		5310	-3.35	-2.56	-0.08	<=6.99	Pass
		5510	-8.69	-8.88	-5.78	<=6.99	Pass
		5550	-3.52	-3.15	-0.36	<=6.99	Pass
		5670	-4.00	-3.34	-0.74	<=6.99	Pass
802.11ac (VHT80)	MIMO	5210	-14.20	-14.08	-11.13	<=6.99	Pass
		5290	-11.70	-11.19	-8.57	<=6.99	Pass
		5530	-11.21	-11.73	-8.48	<=6.99	Pass
		5610	-9.28	-8.49	-5.85	<=6.99	Pass

Note1: Antenna Gain: Ant1: 7.00dBi; Ant2: 7.00dBi;

Note2: Directional Gain: 10.01dBi

Ant1 PSD: Ant 1 PSD + duty cycle factor.

Ant2 PSD: Ant 2 PSD + duty cycle factor.

MIMO PSD: Ant 1 PSD + duty cycle factor + Ant 2 PSD + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.

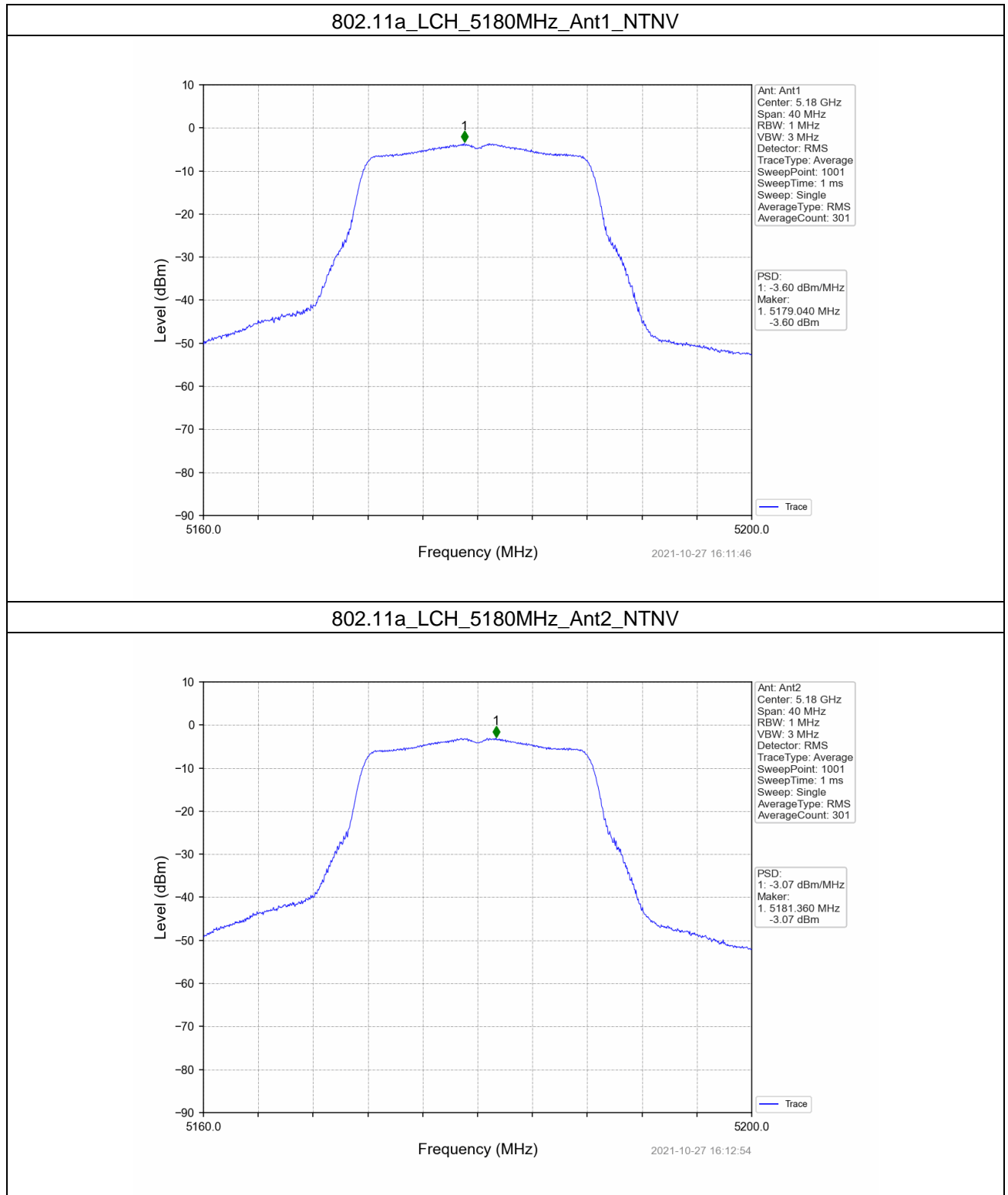
Limit= Limit in 15.407- (Ant1/Ant2 Gain or Directional Gain-6)



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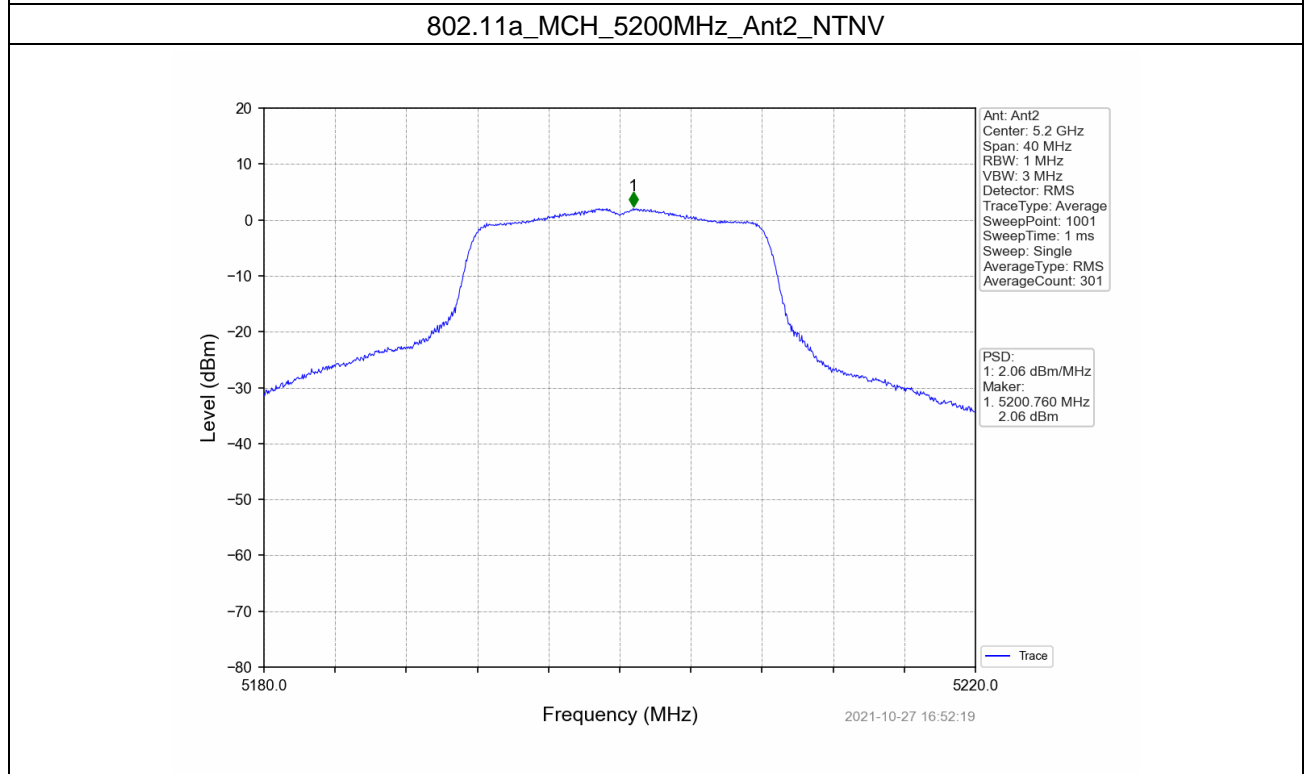
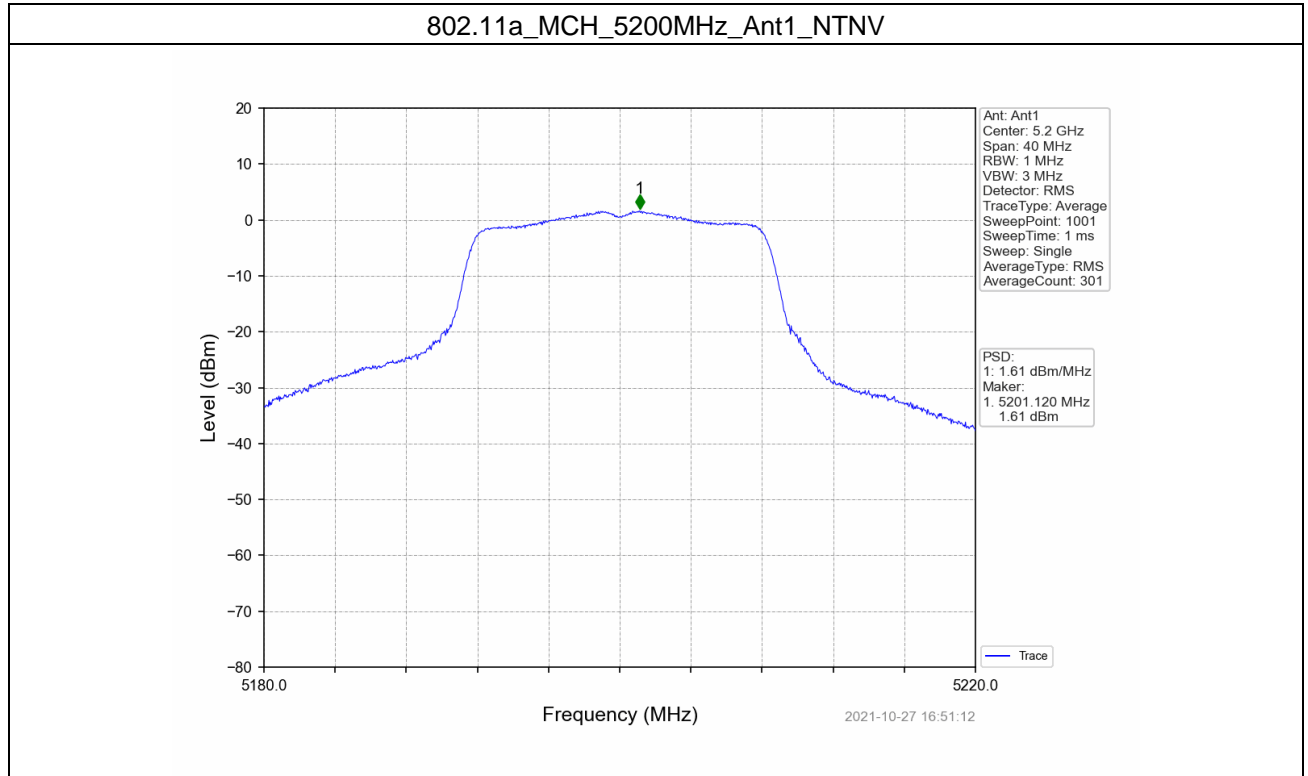
4.1.2 Test Graph



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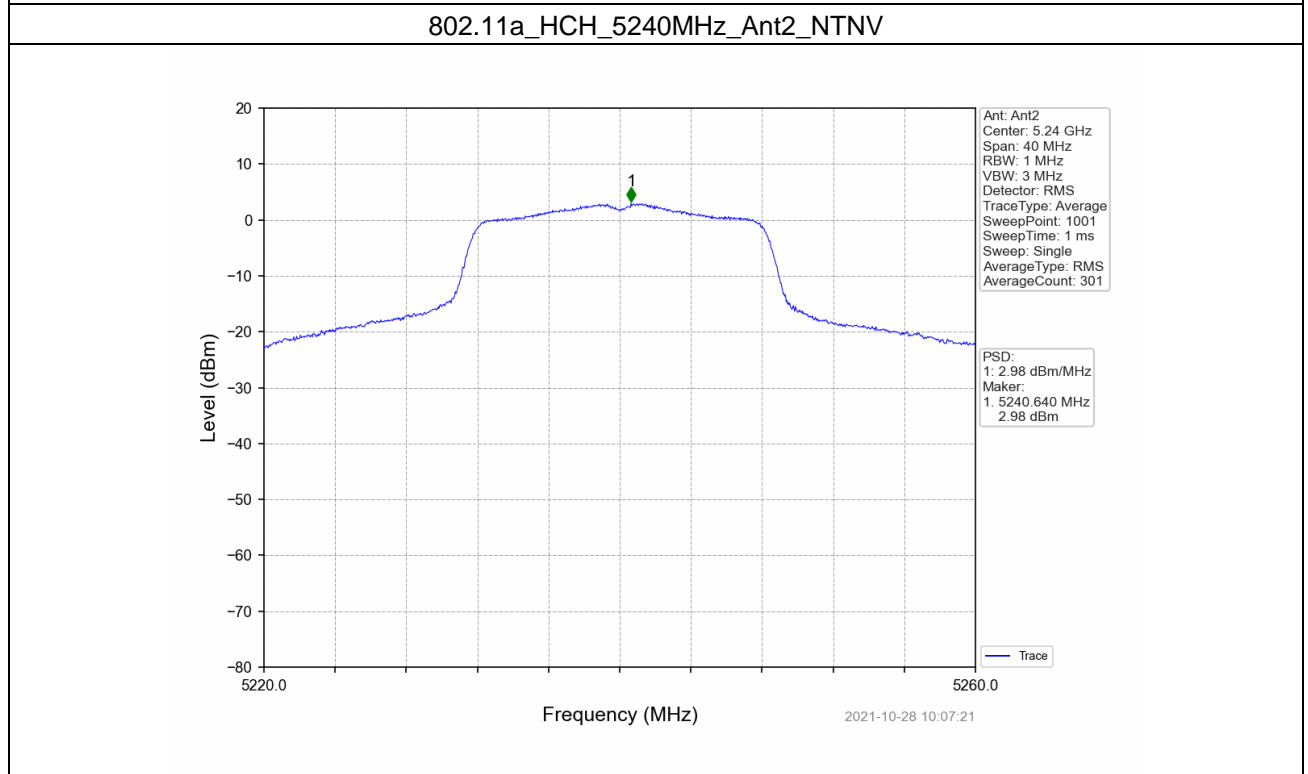
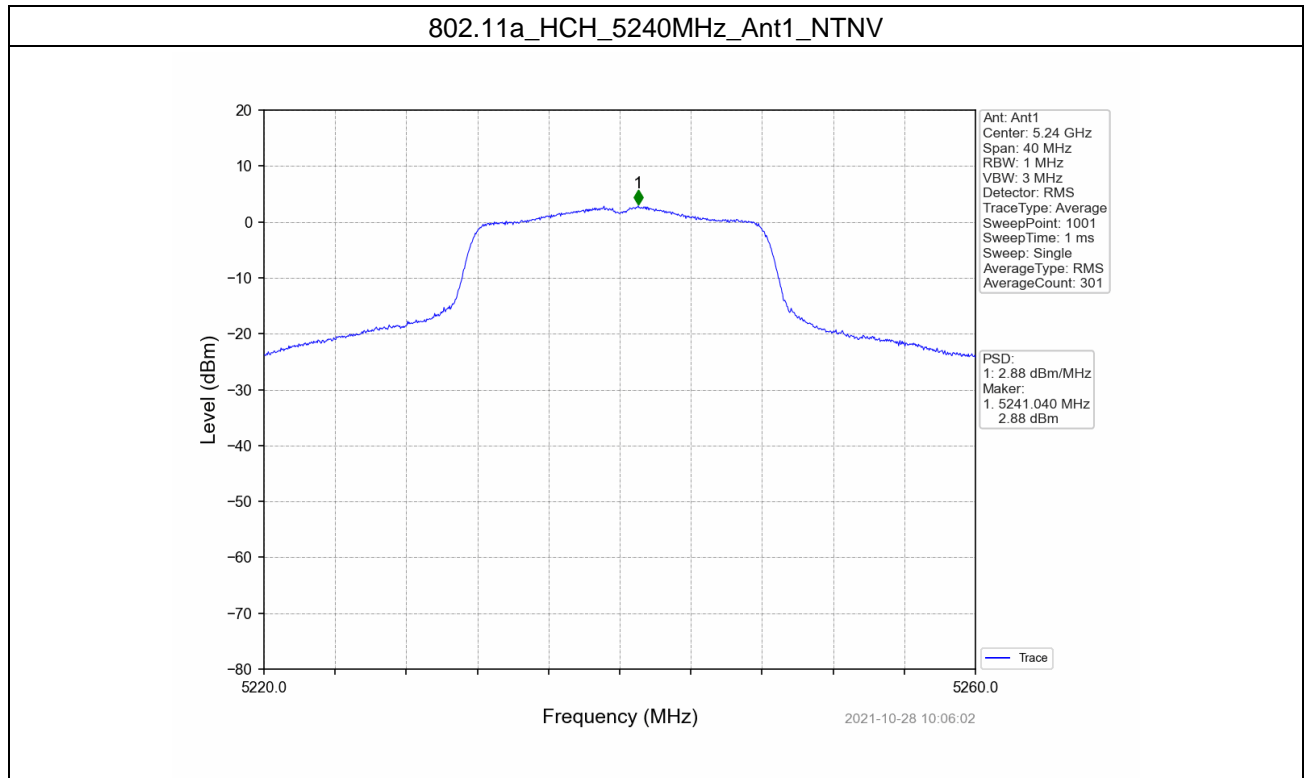
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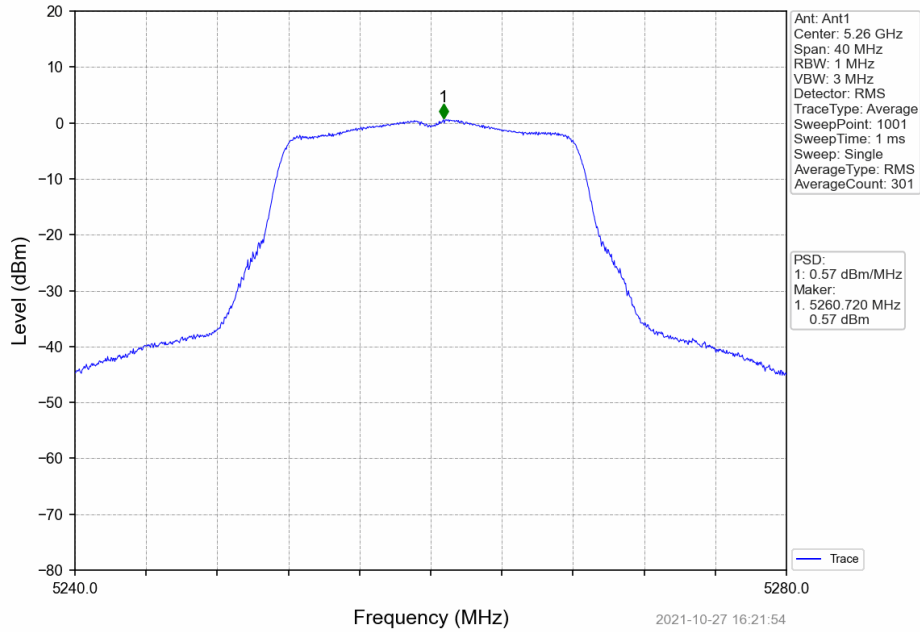


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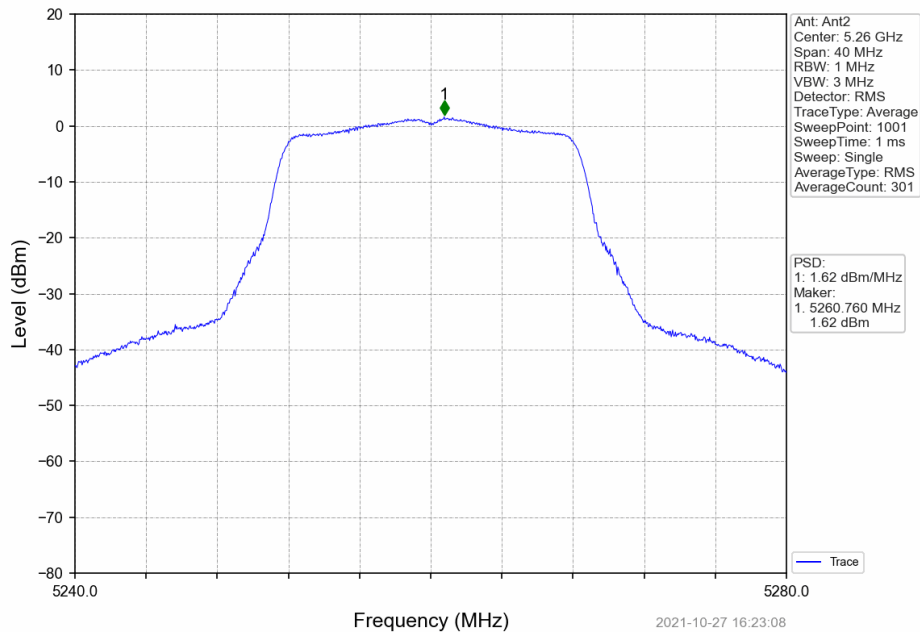
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802.11a_LCH_5260MHz_Ant1_NTNV

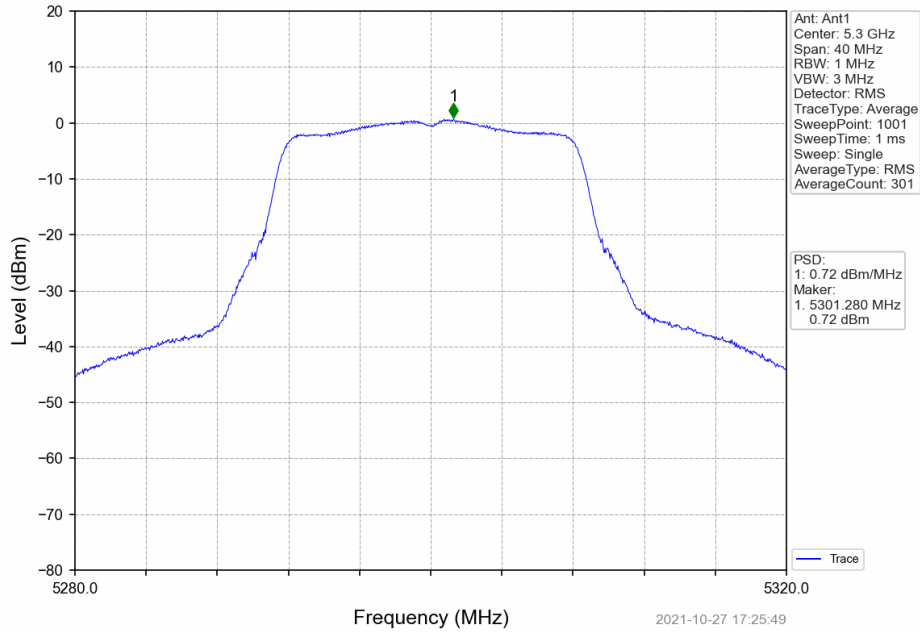


802.11a_LCH_5260MHz_Ant2_NTNV

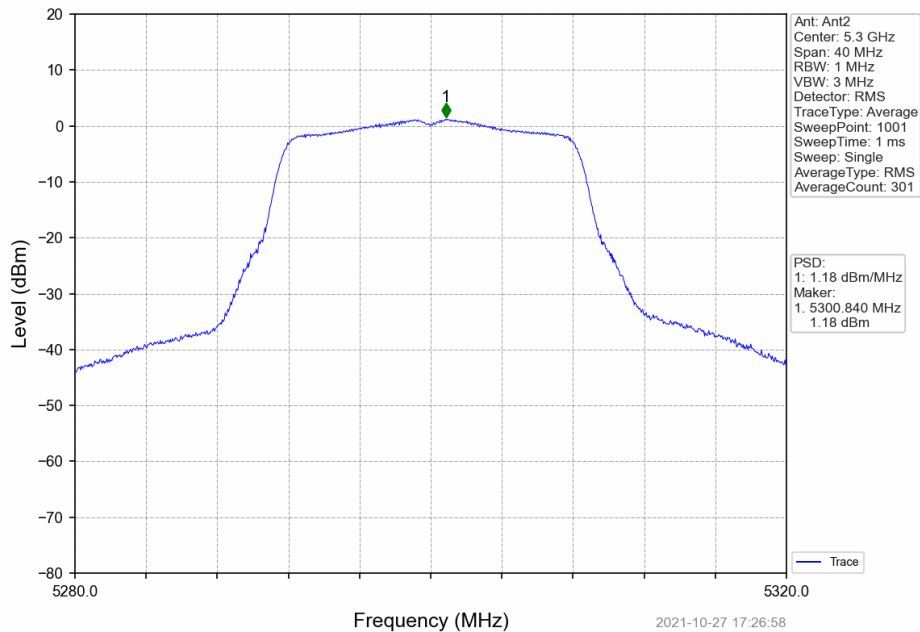


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802.11a_MCH_5300MHz_Ant1_NTNV

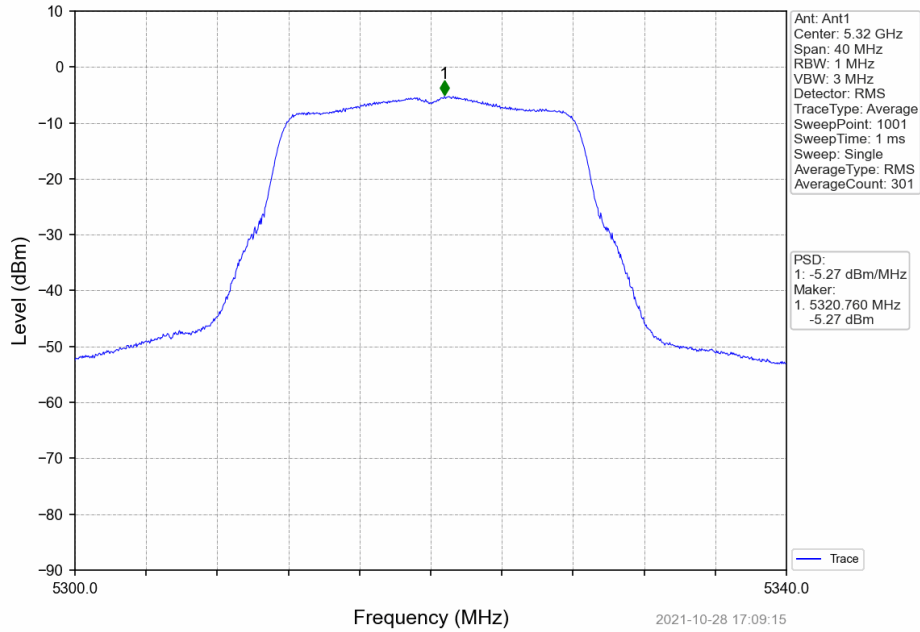


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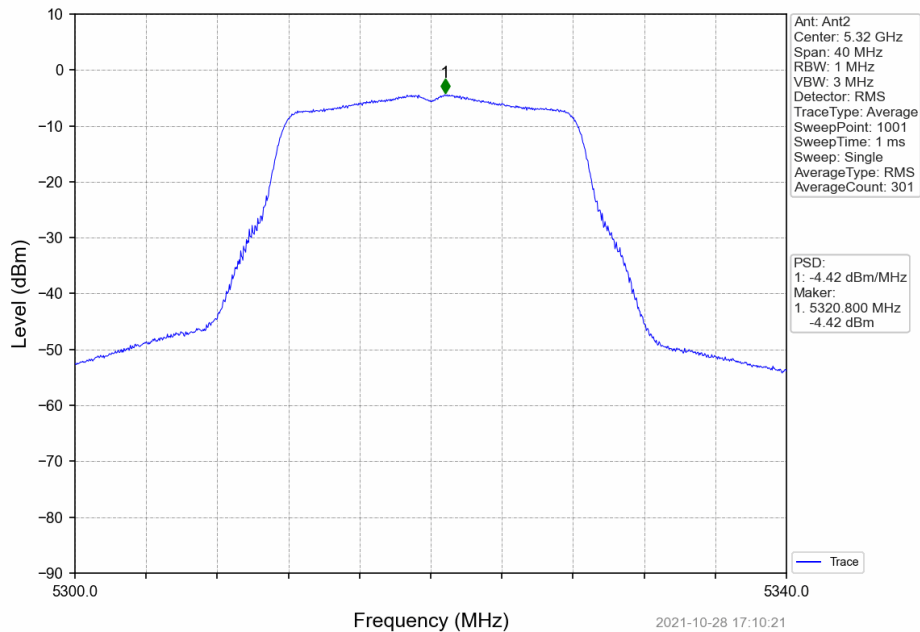


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802.11a_HCH_5320MHz_Ant1_NTNV

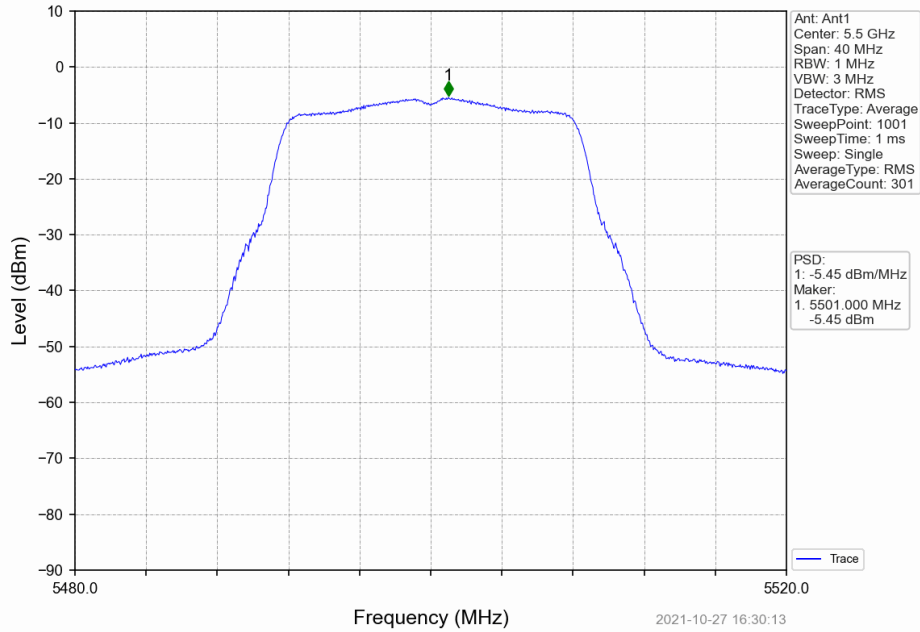


802.11a_HCH_5320MHz_Ant2_NTNV

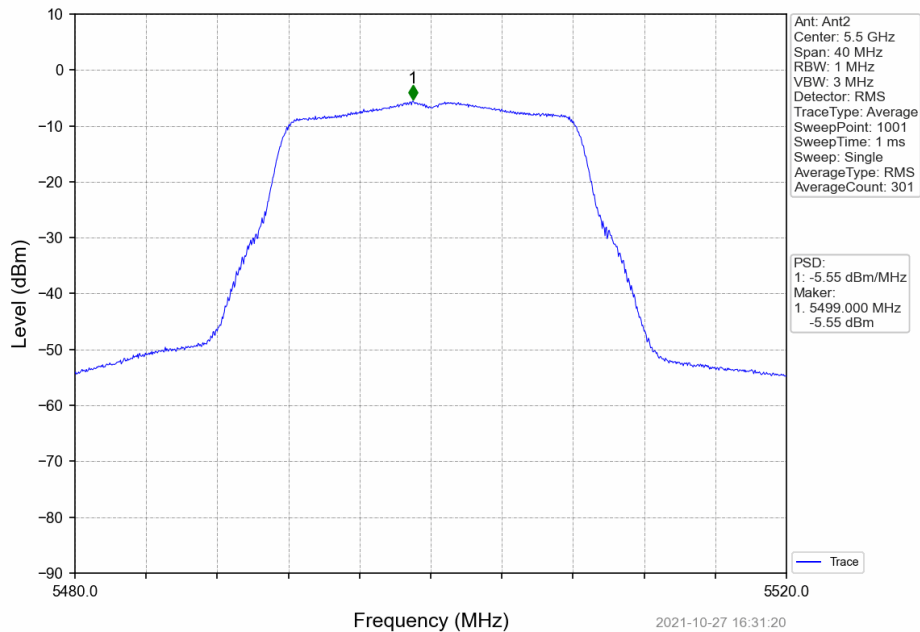


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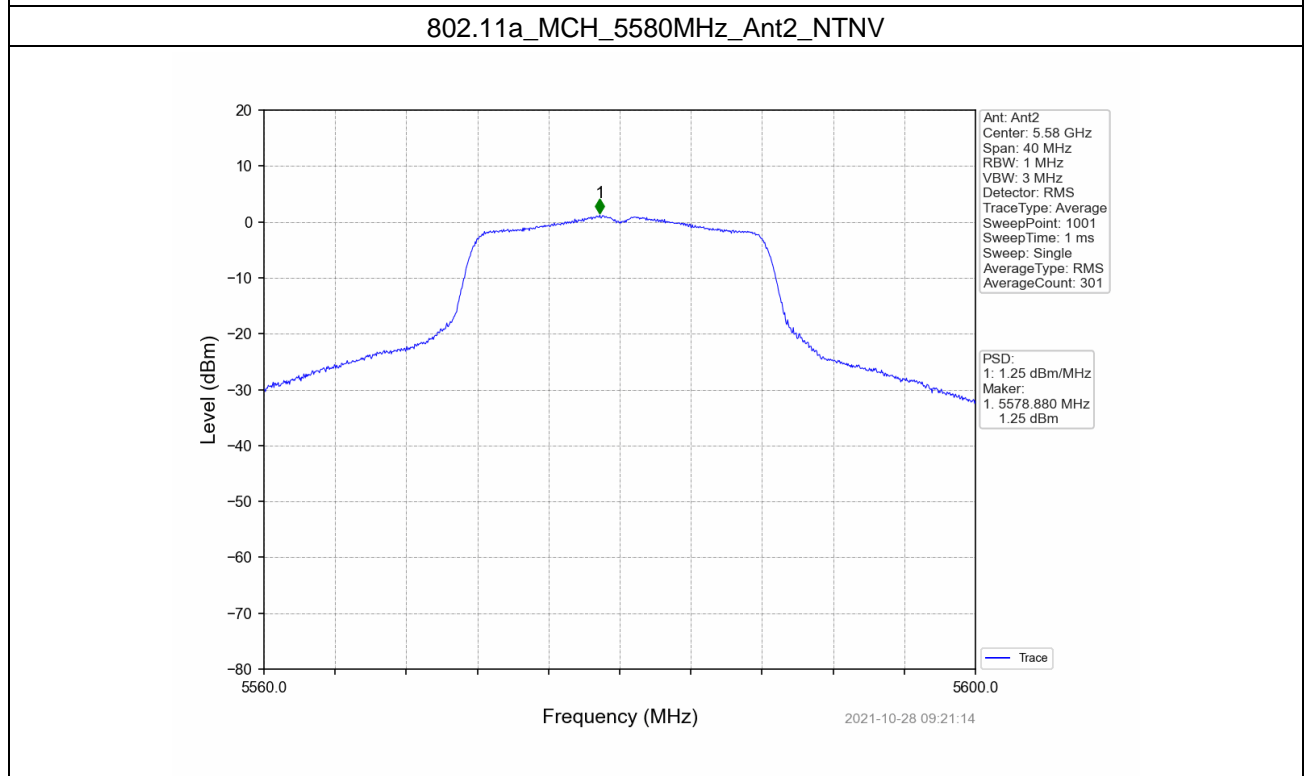
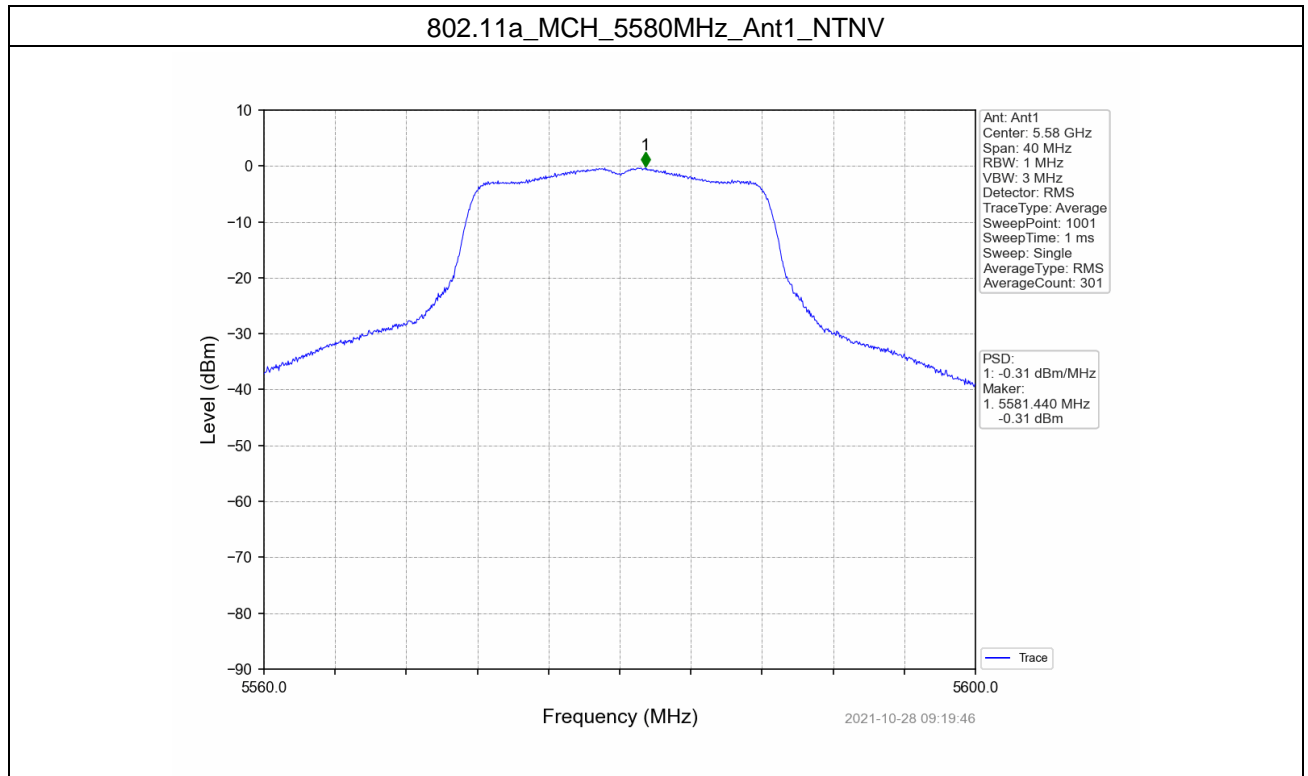
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV



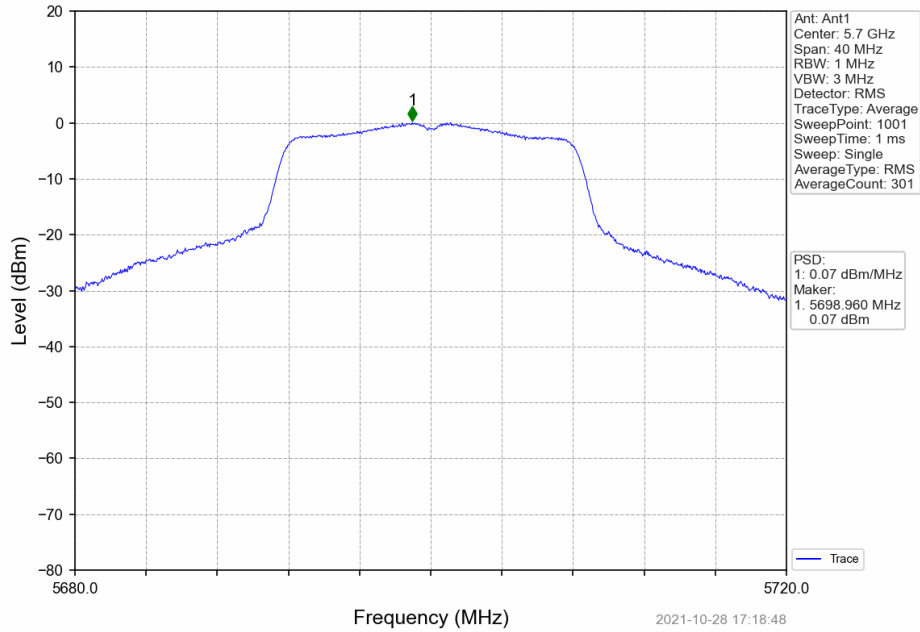
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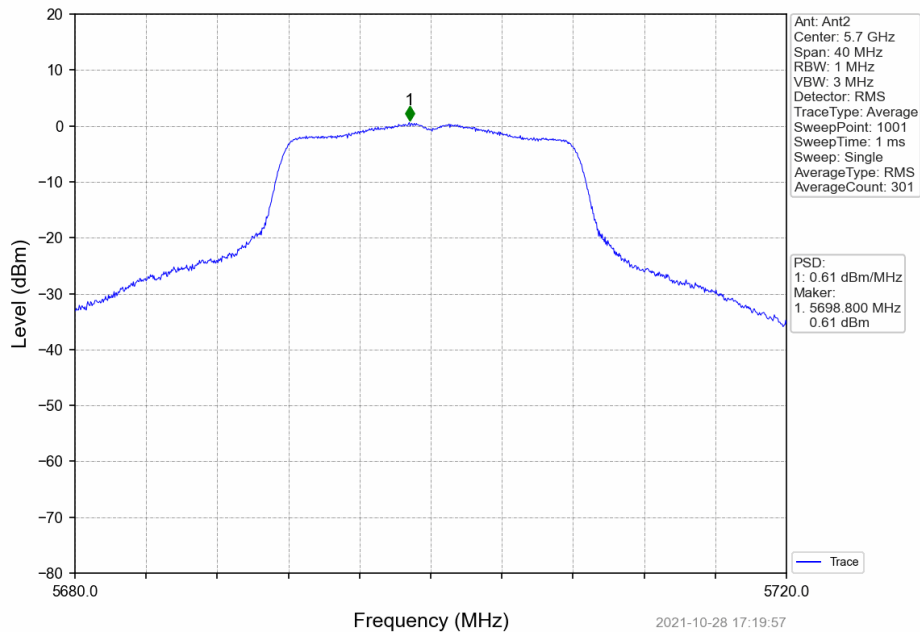
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802.11a_HCH_5700MHz_Ant1_NTNV



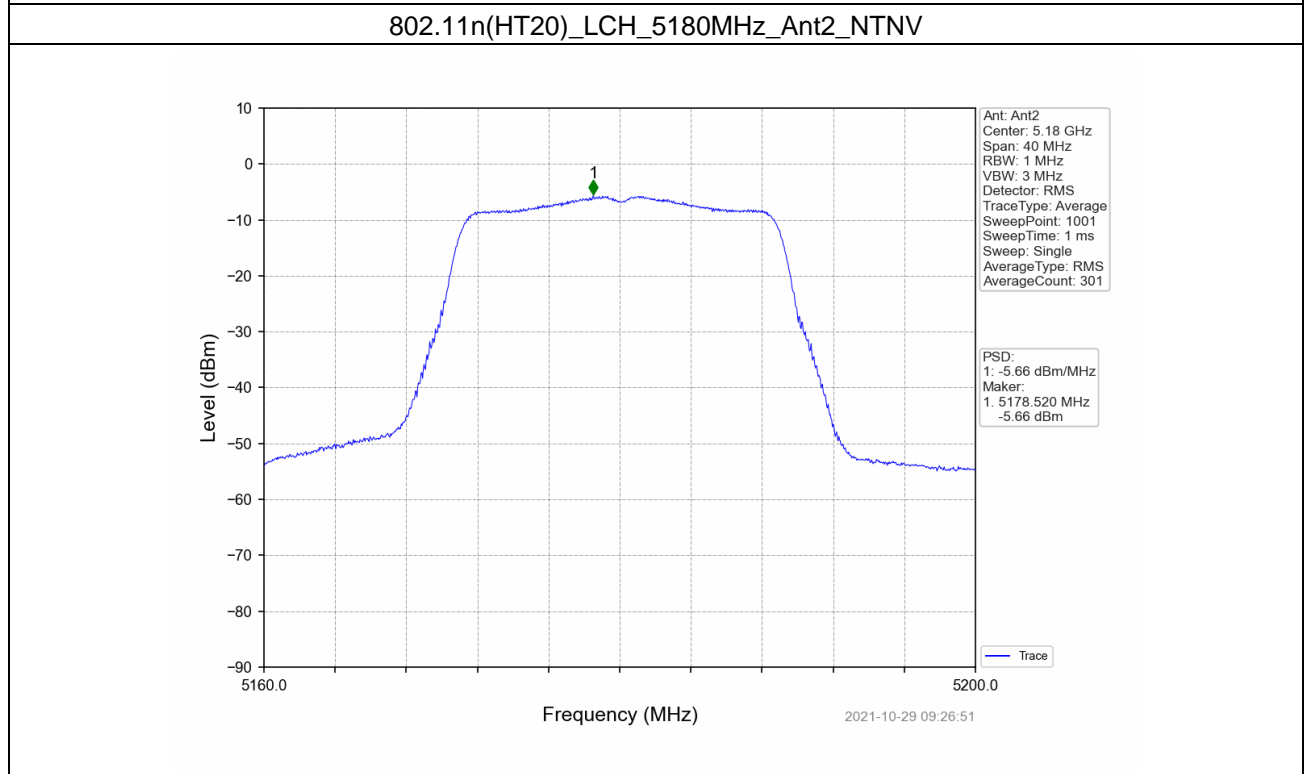
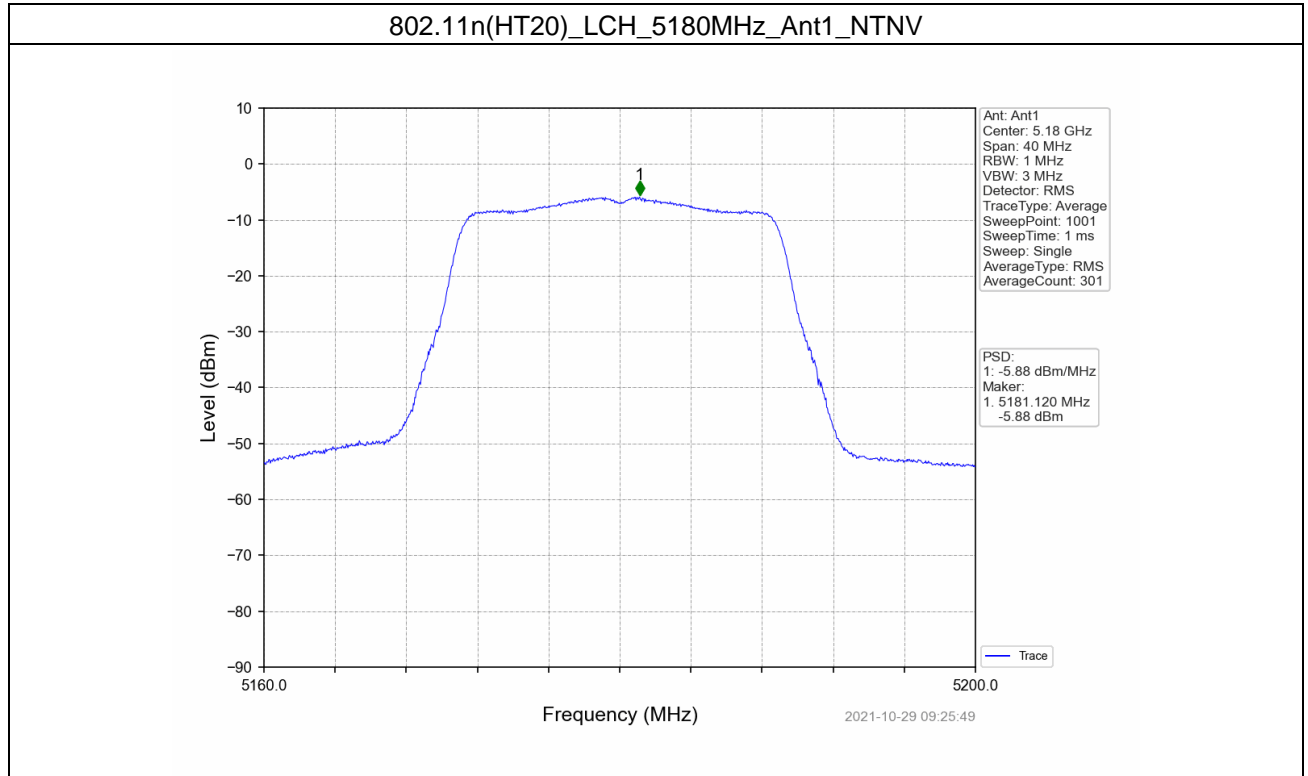
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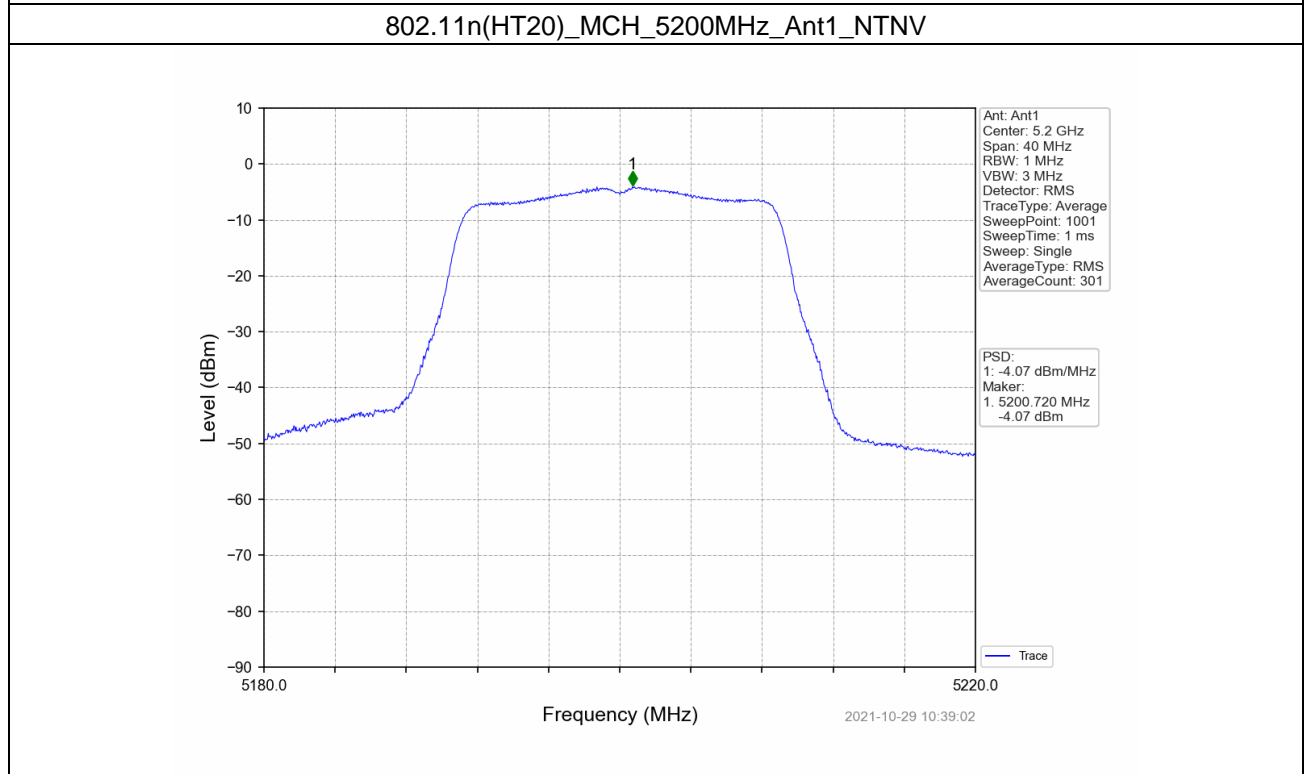
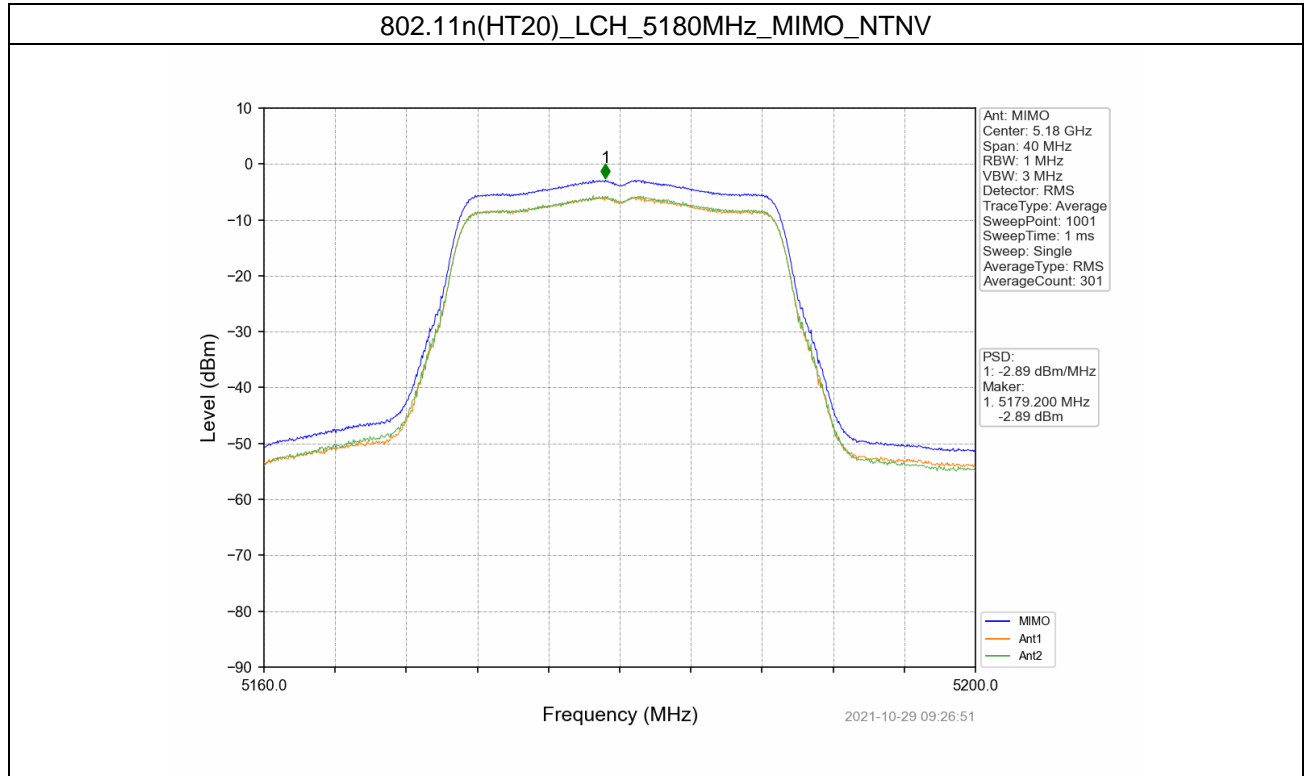
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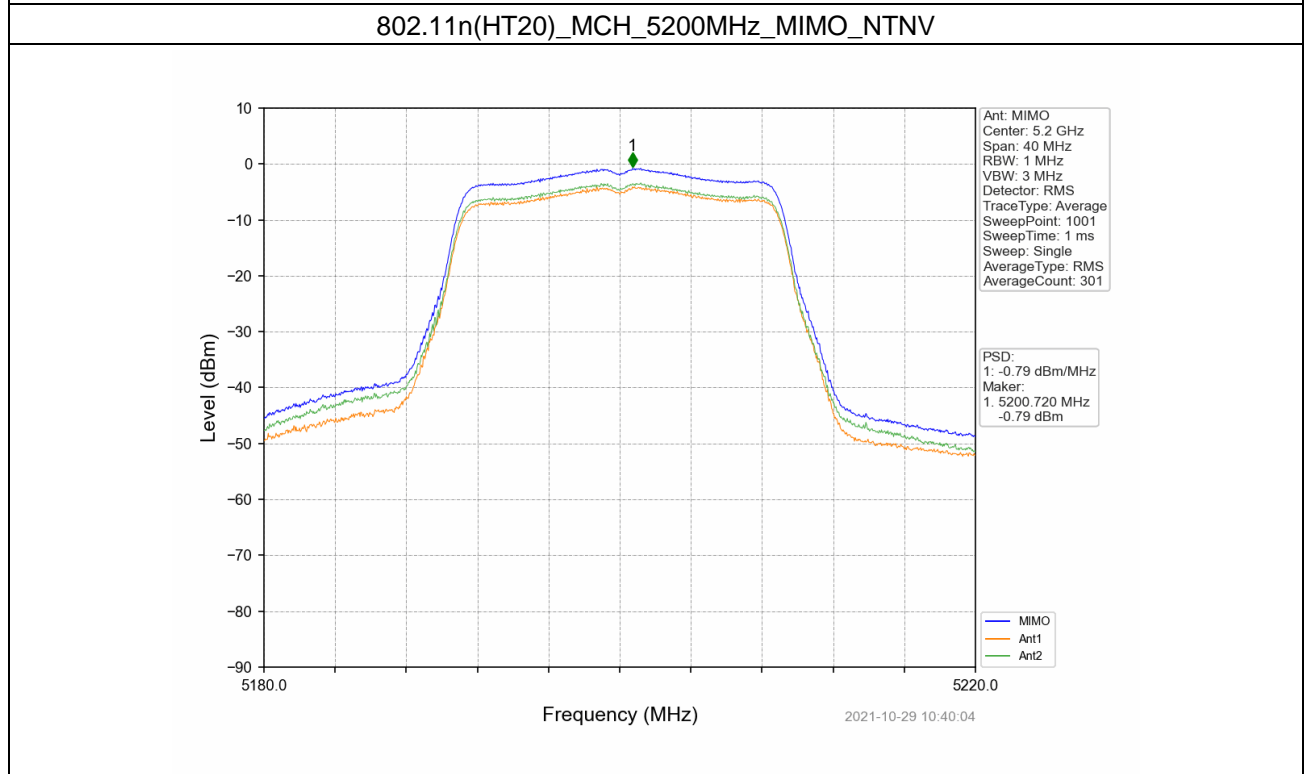
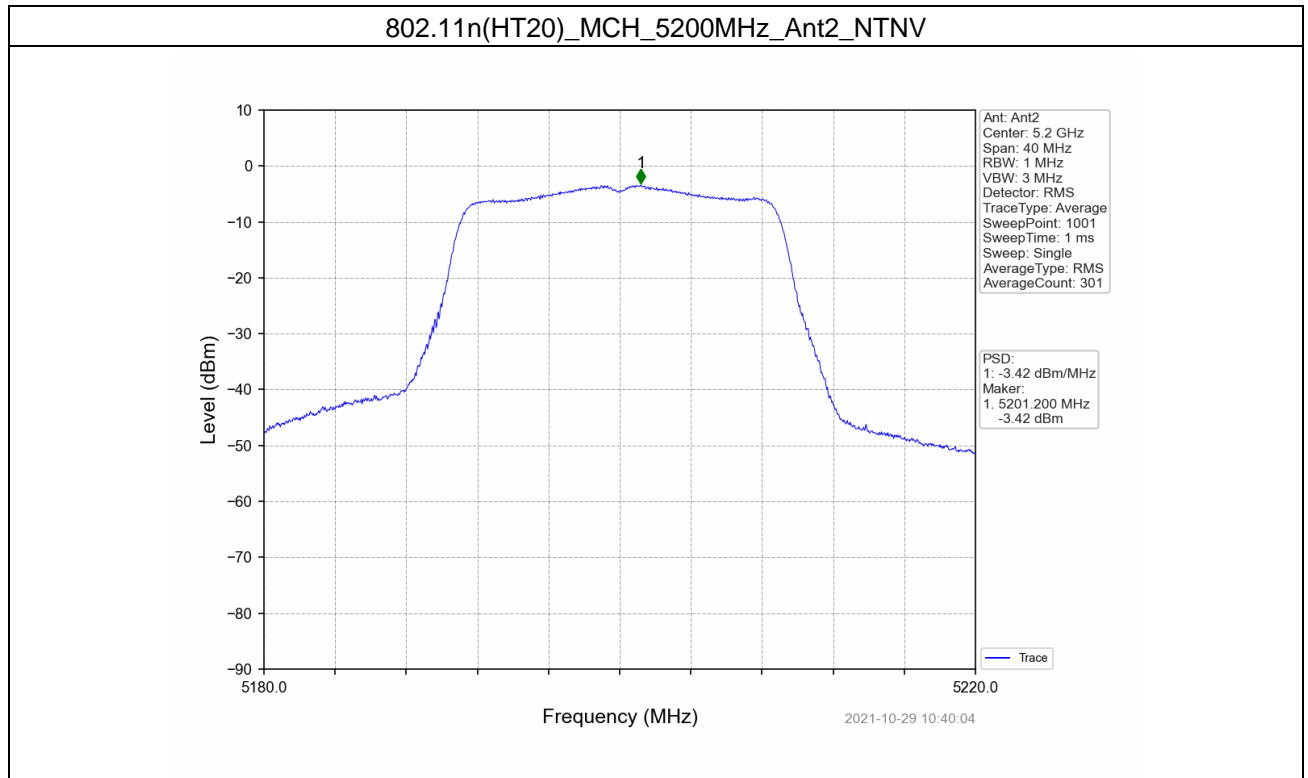
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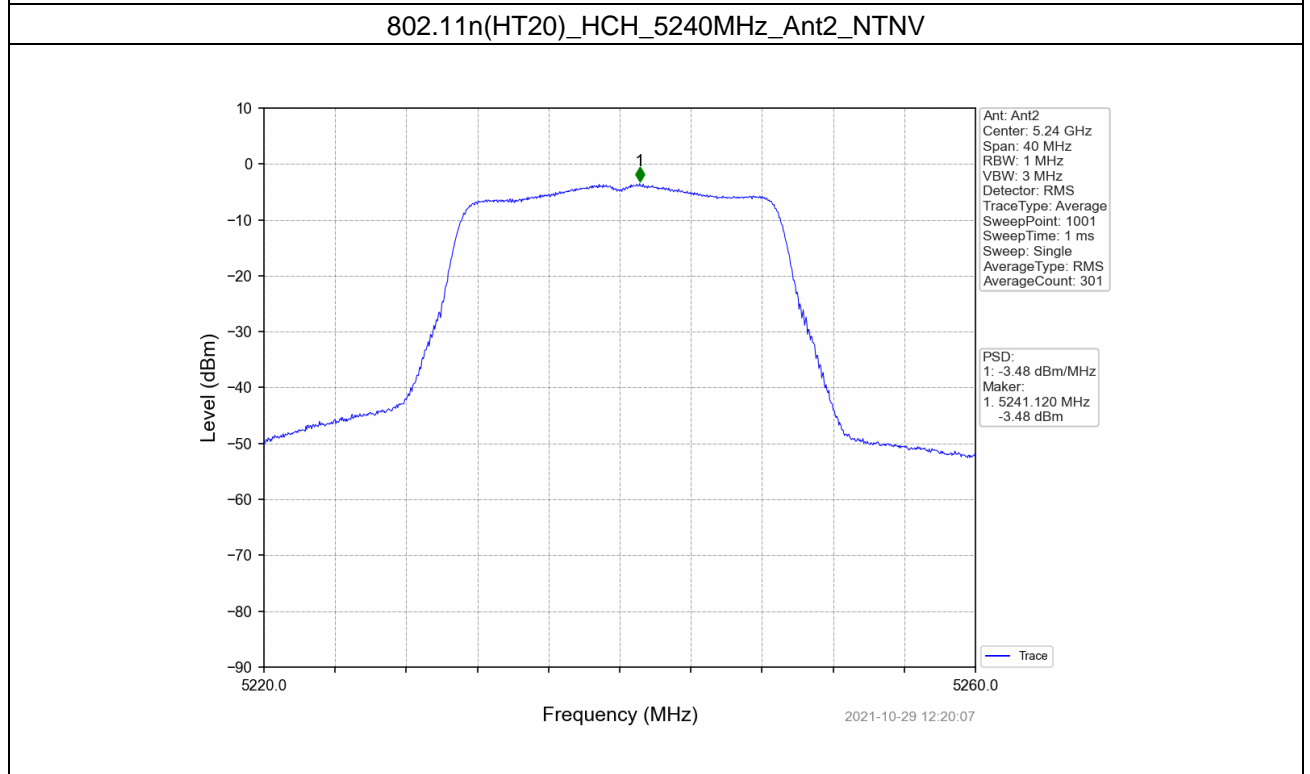
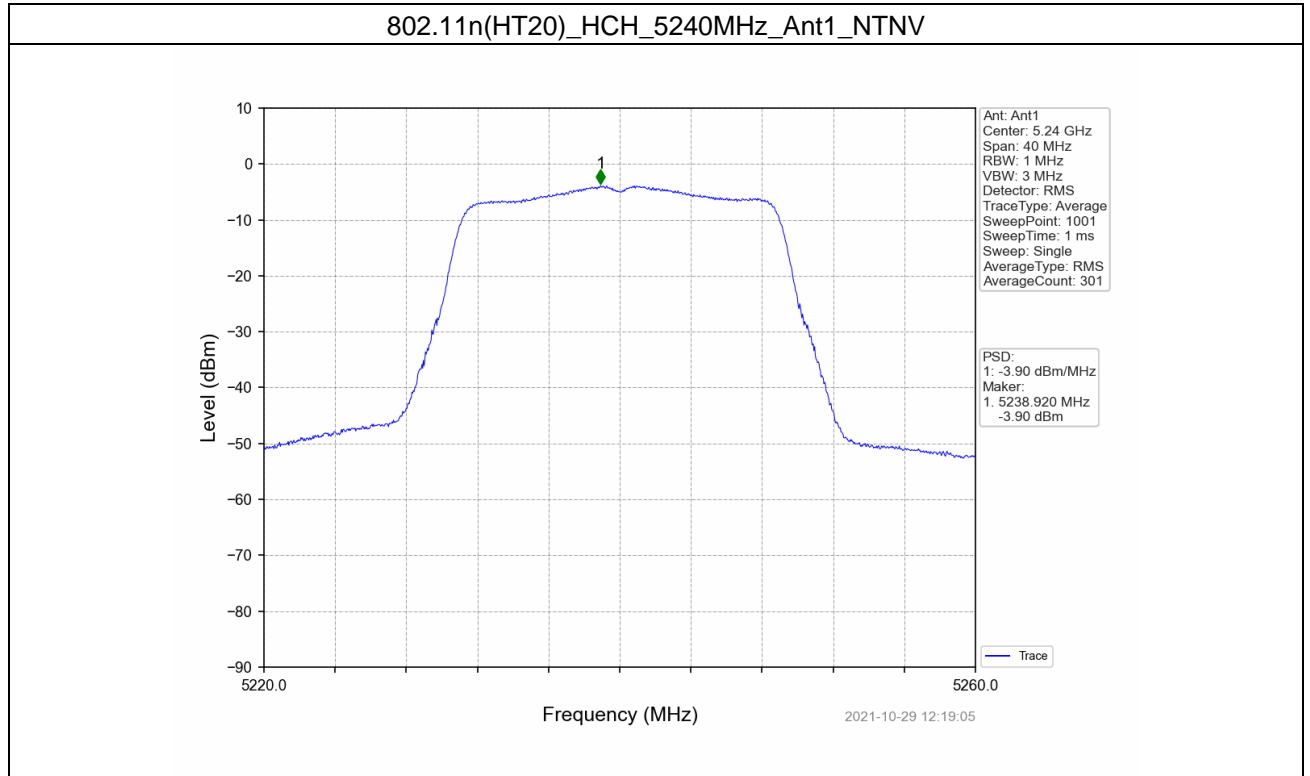
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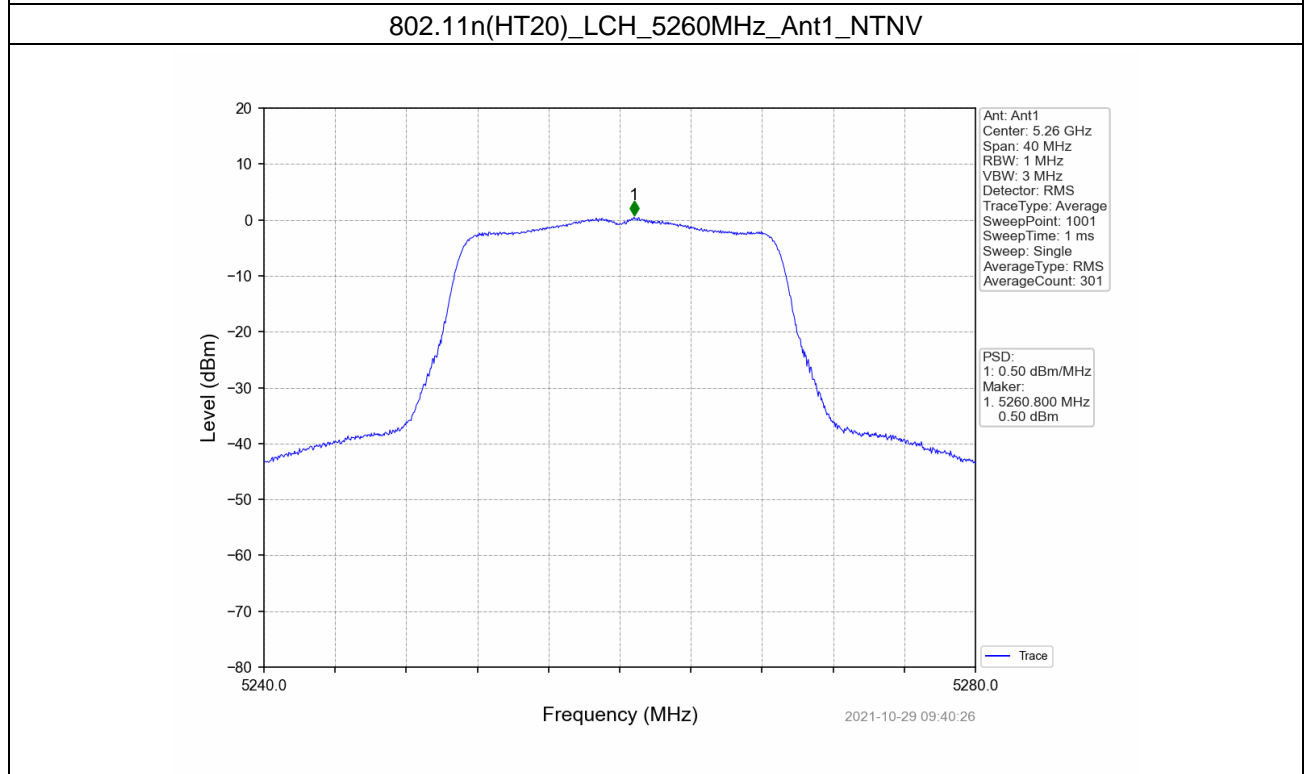
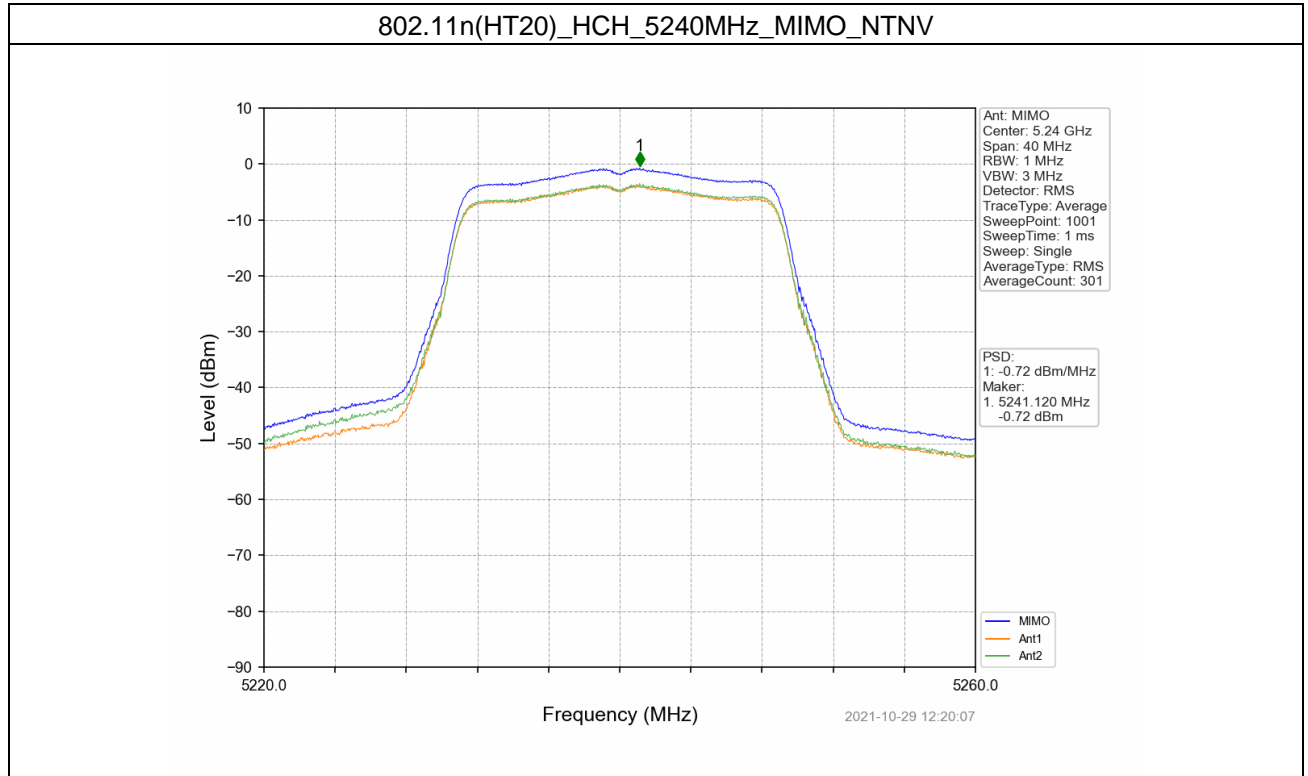
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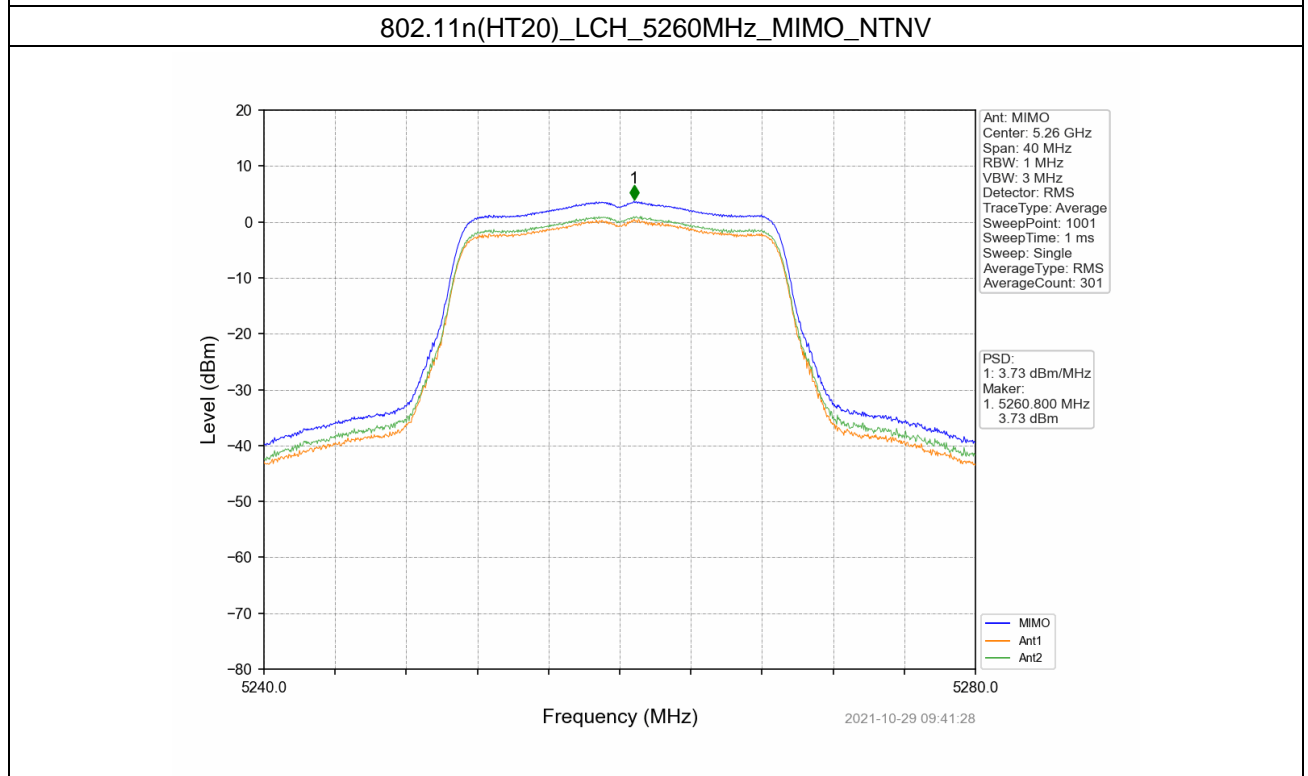
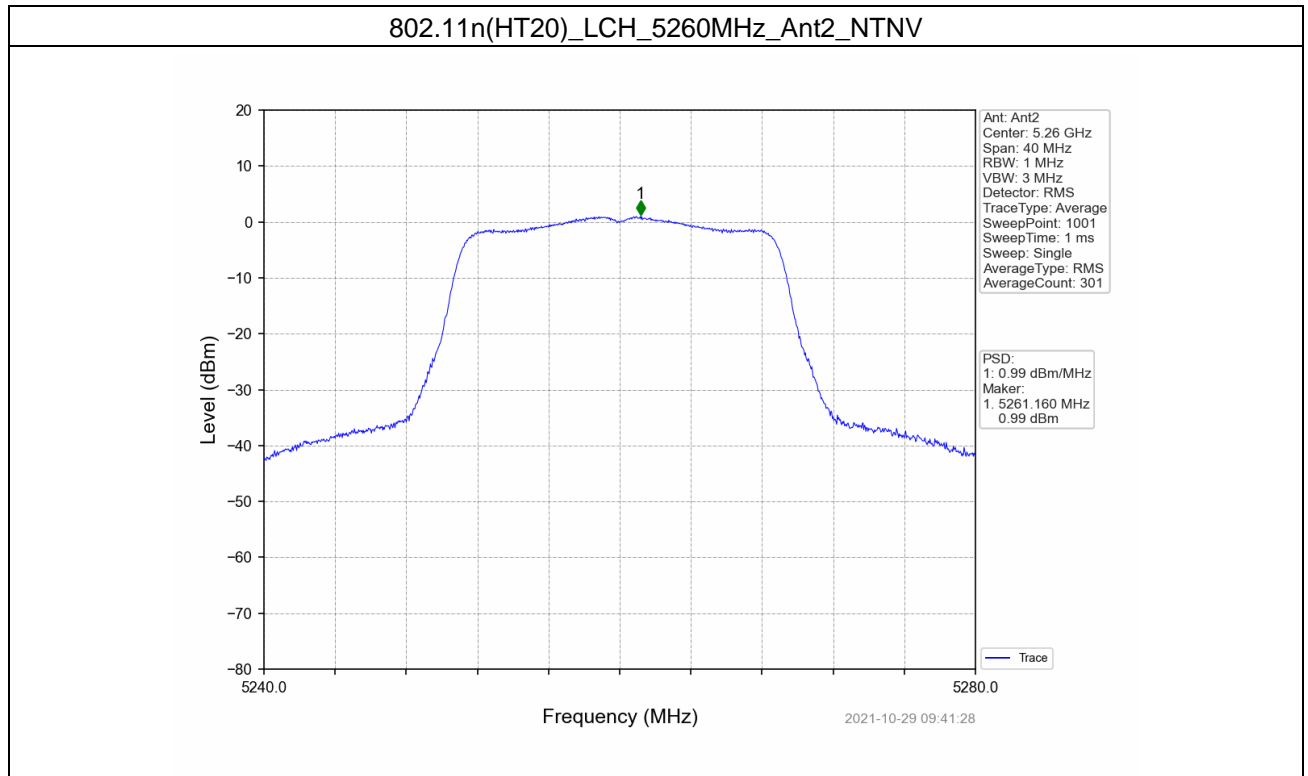
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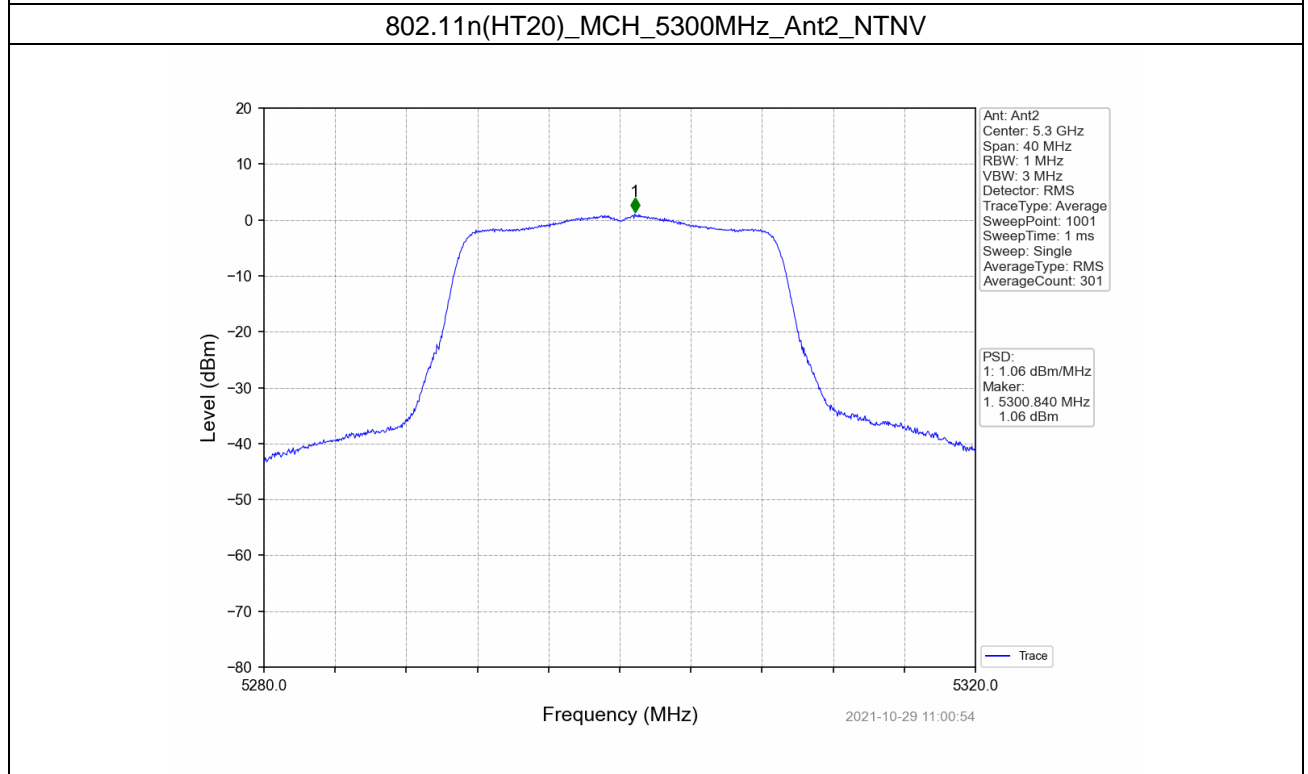
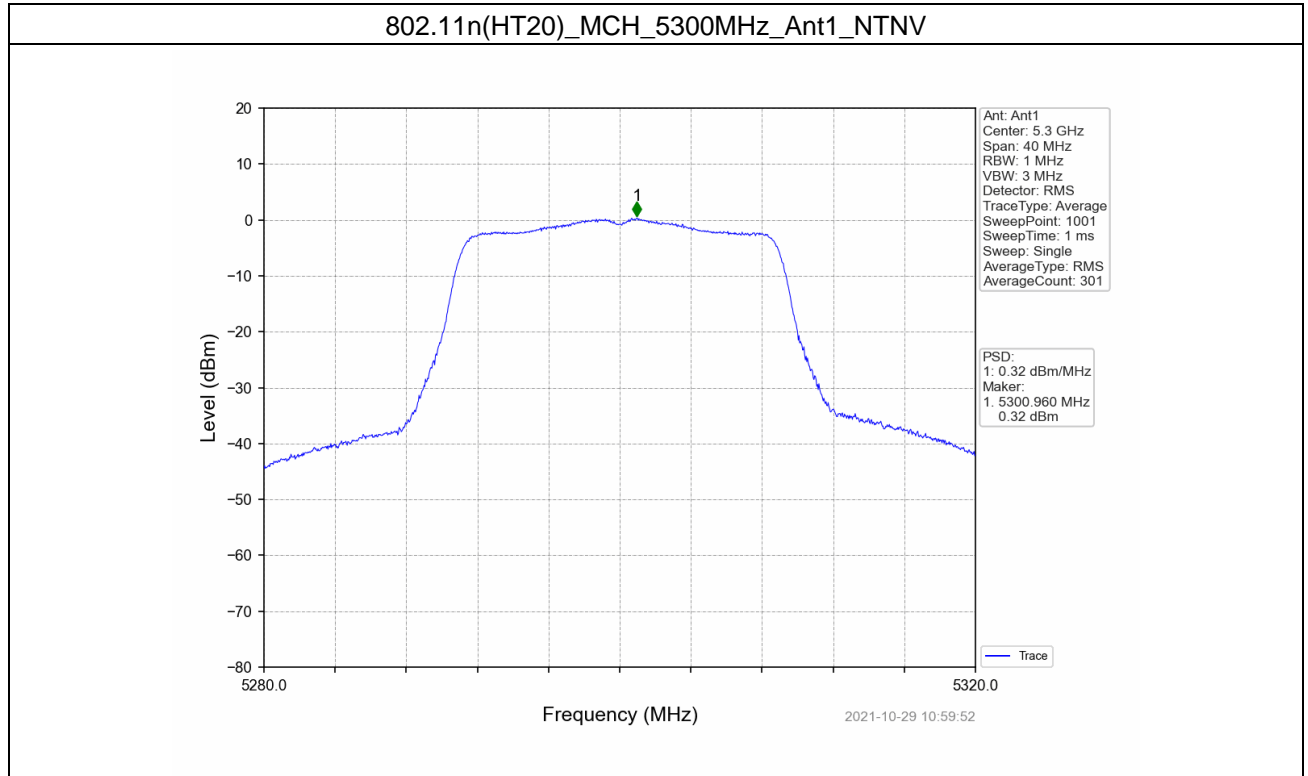
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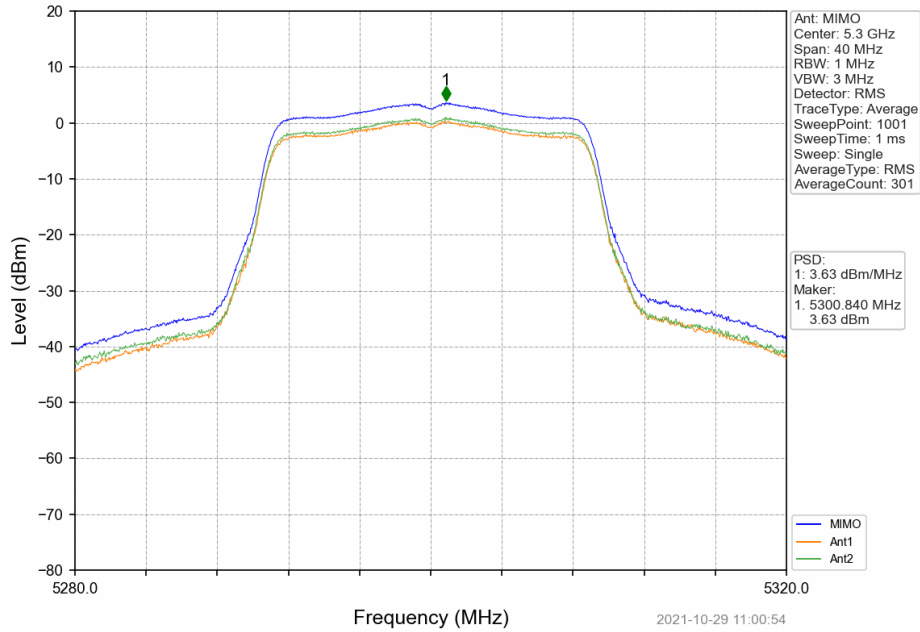


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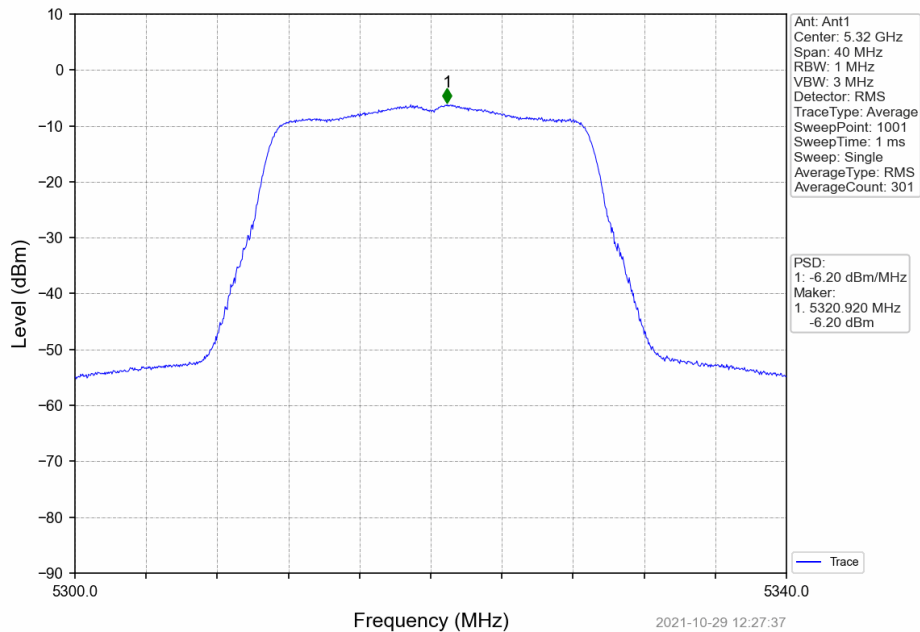
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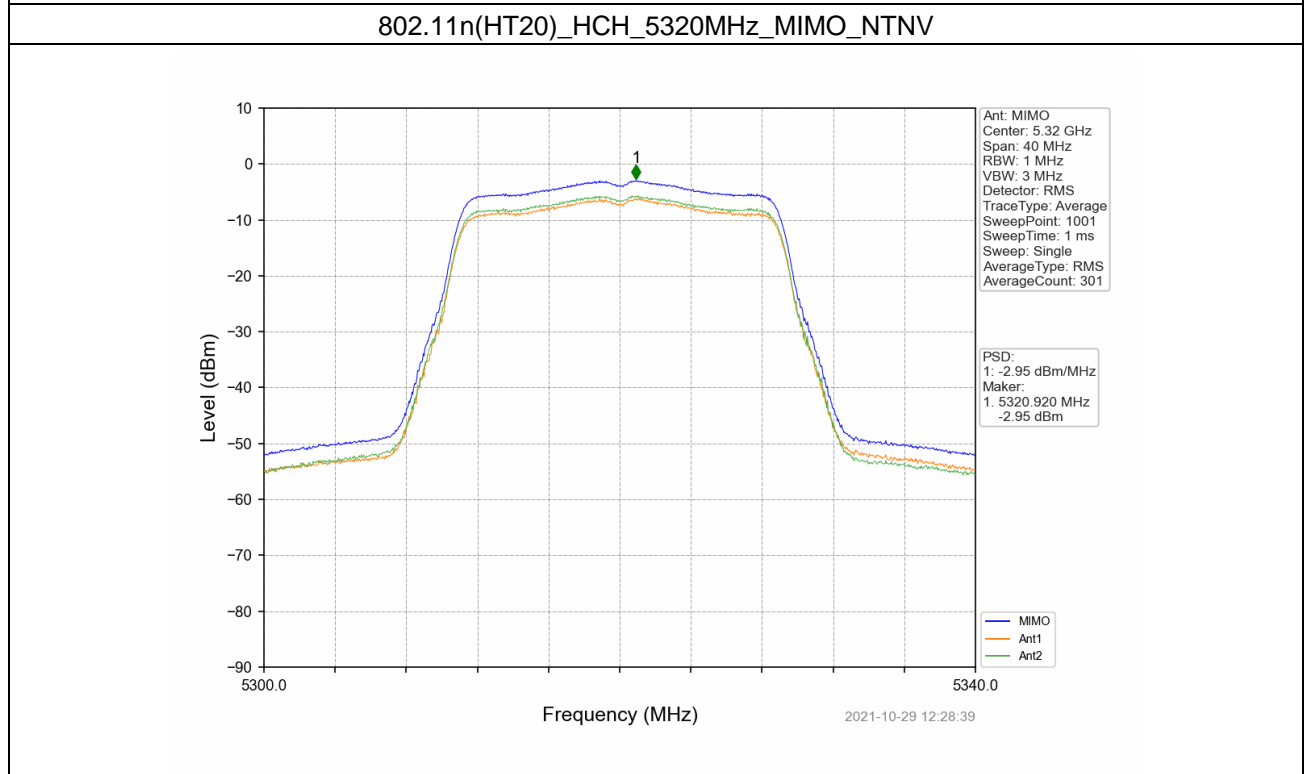
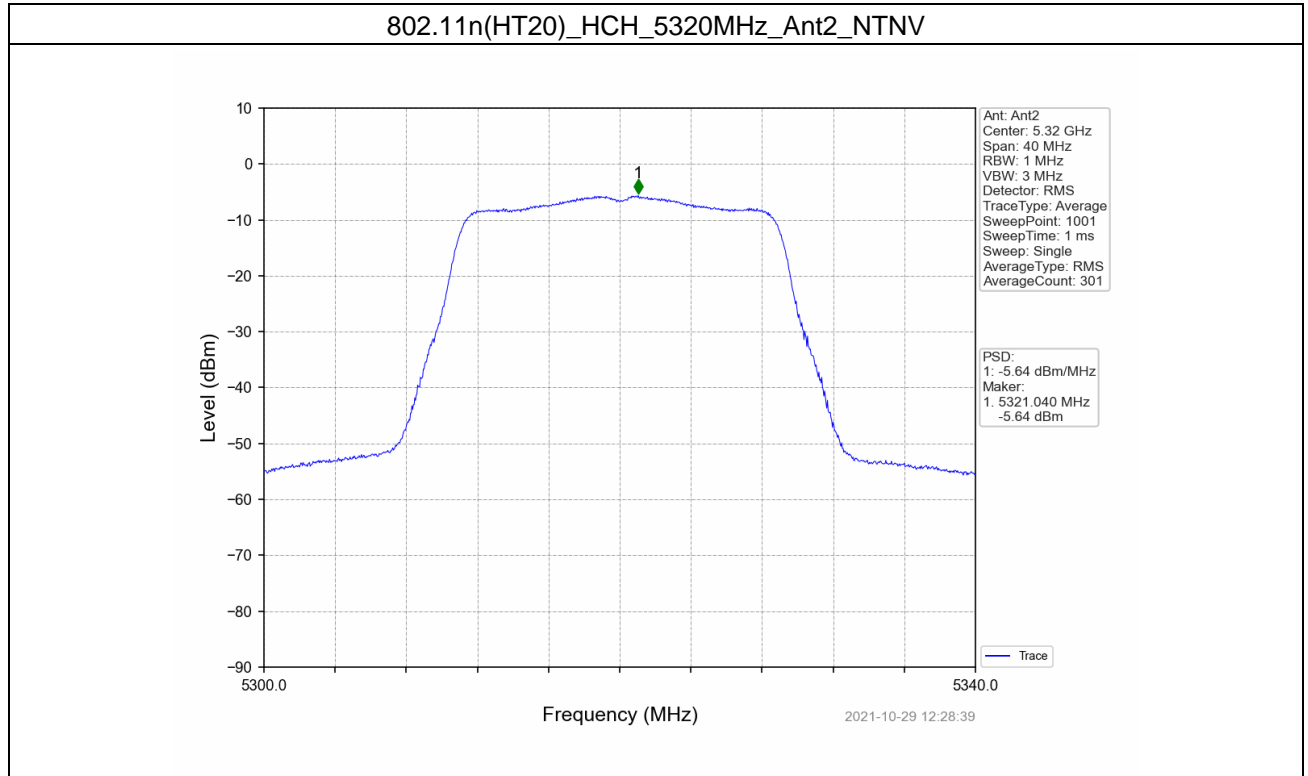
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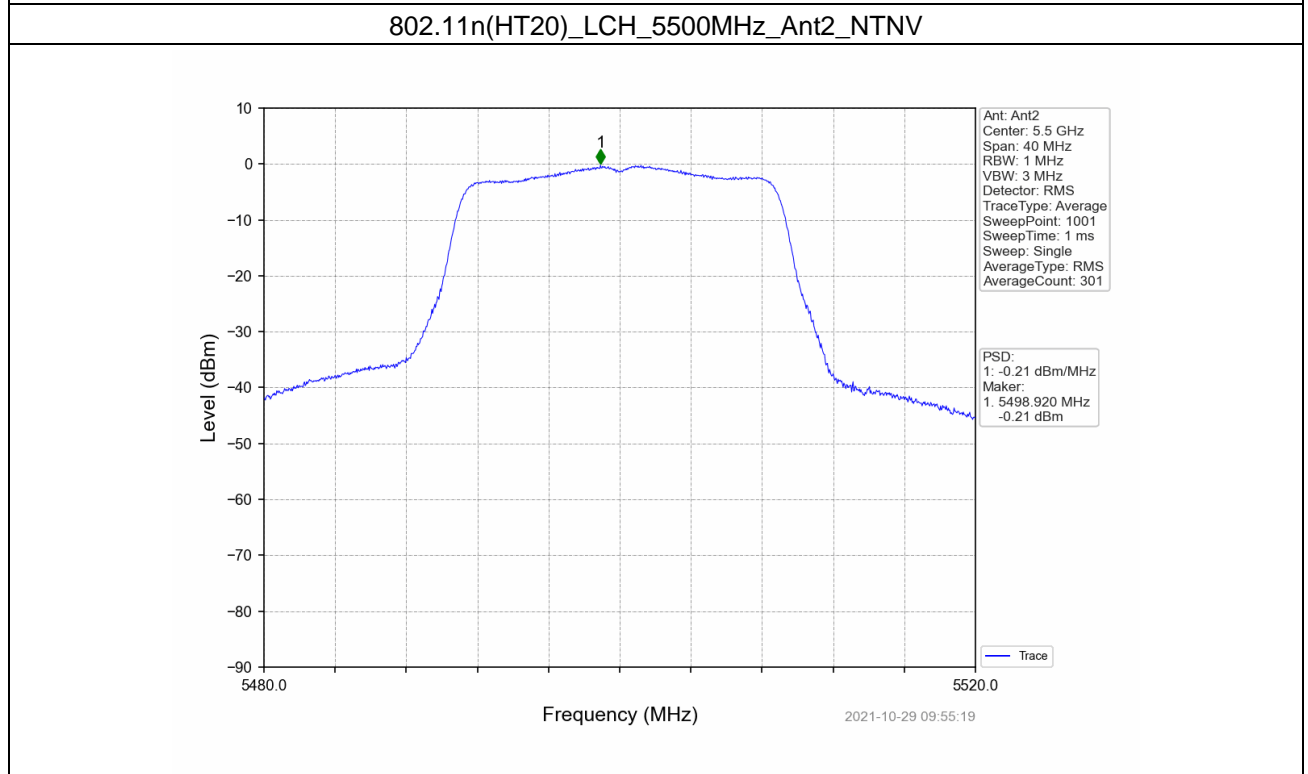
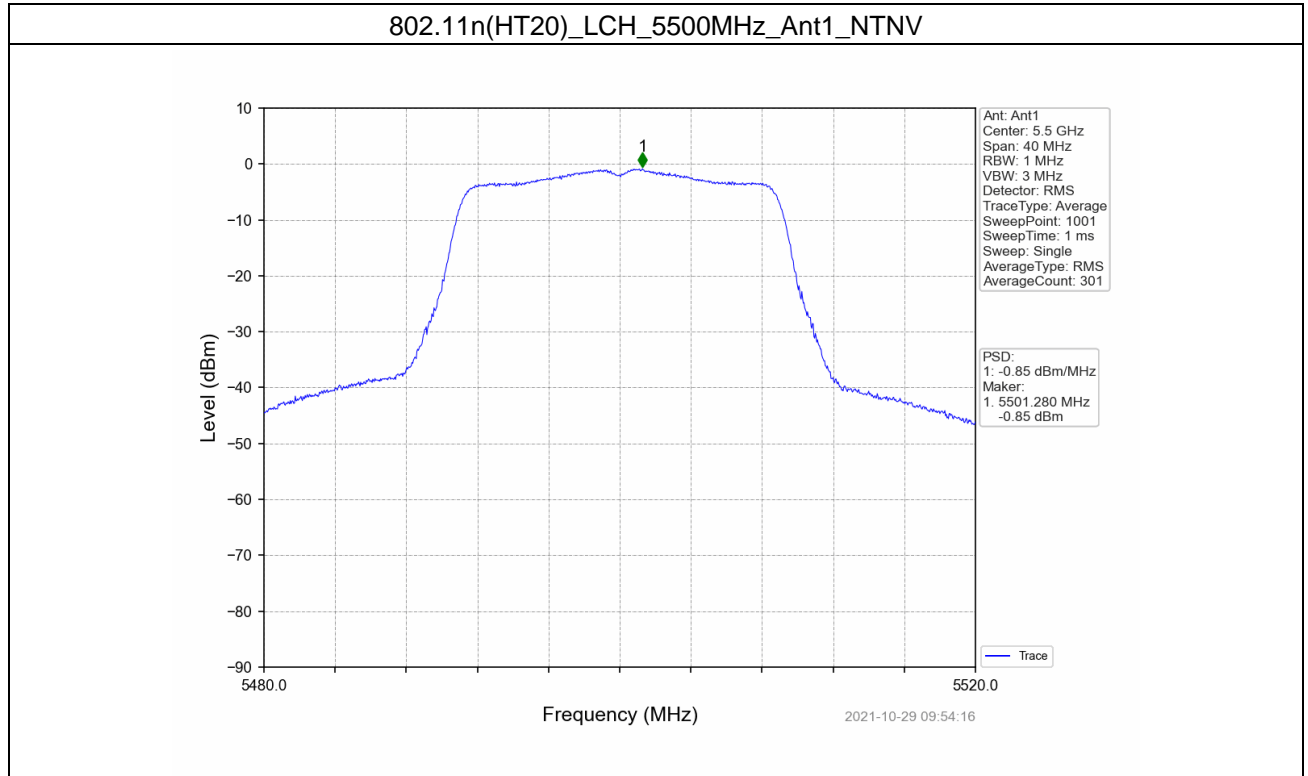
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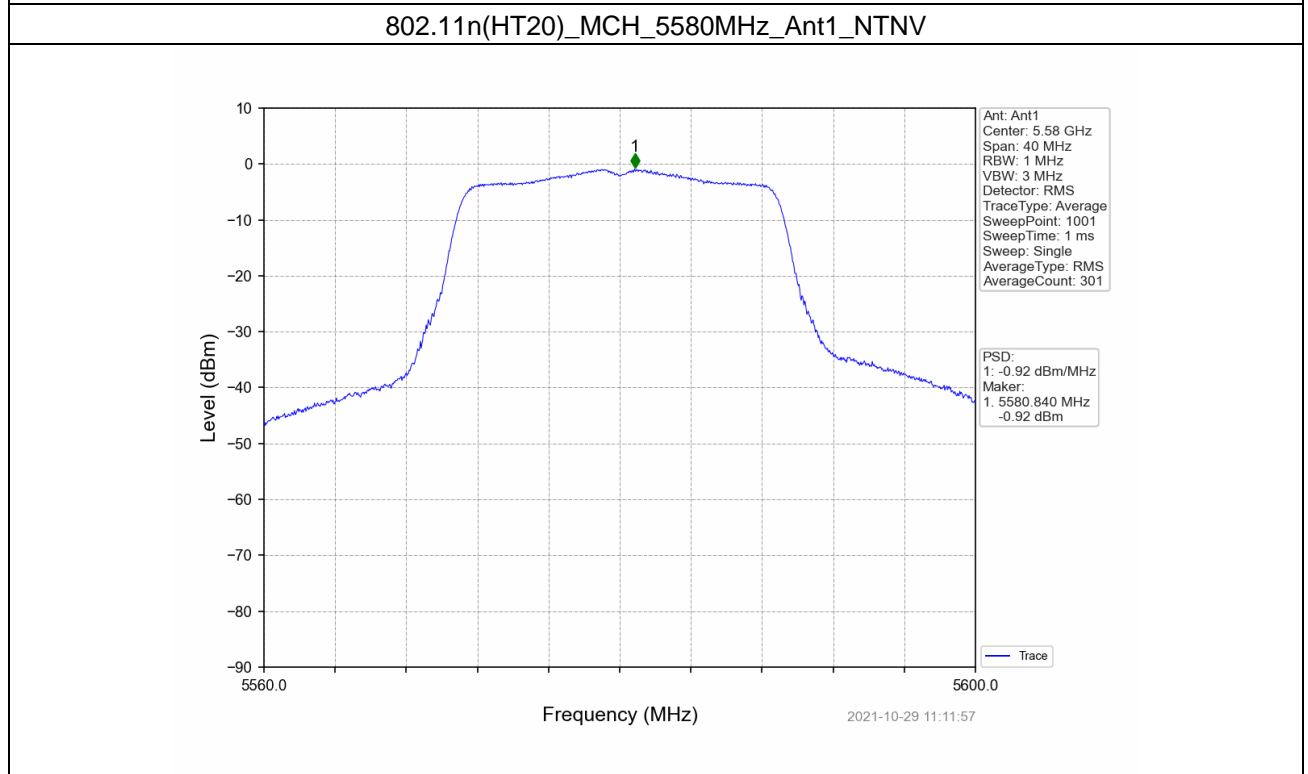
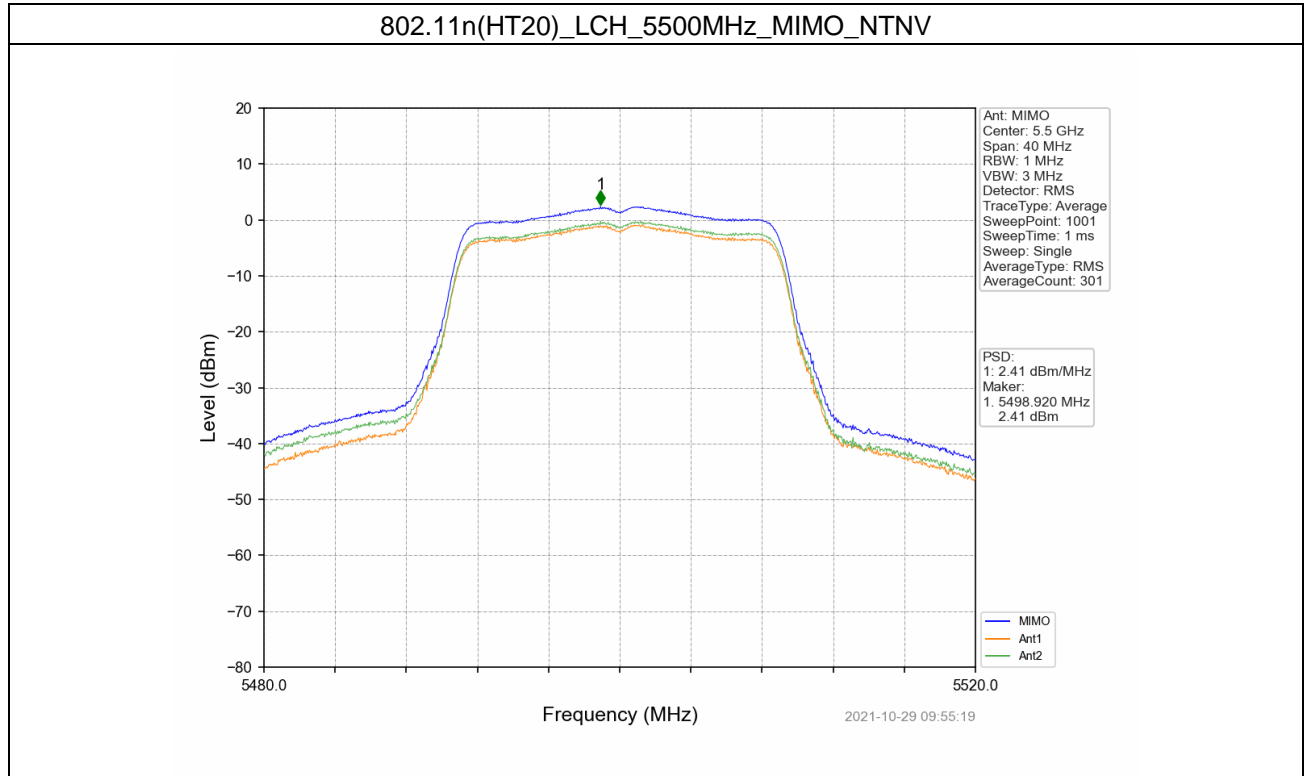


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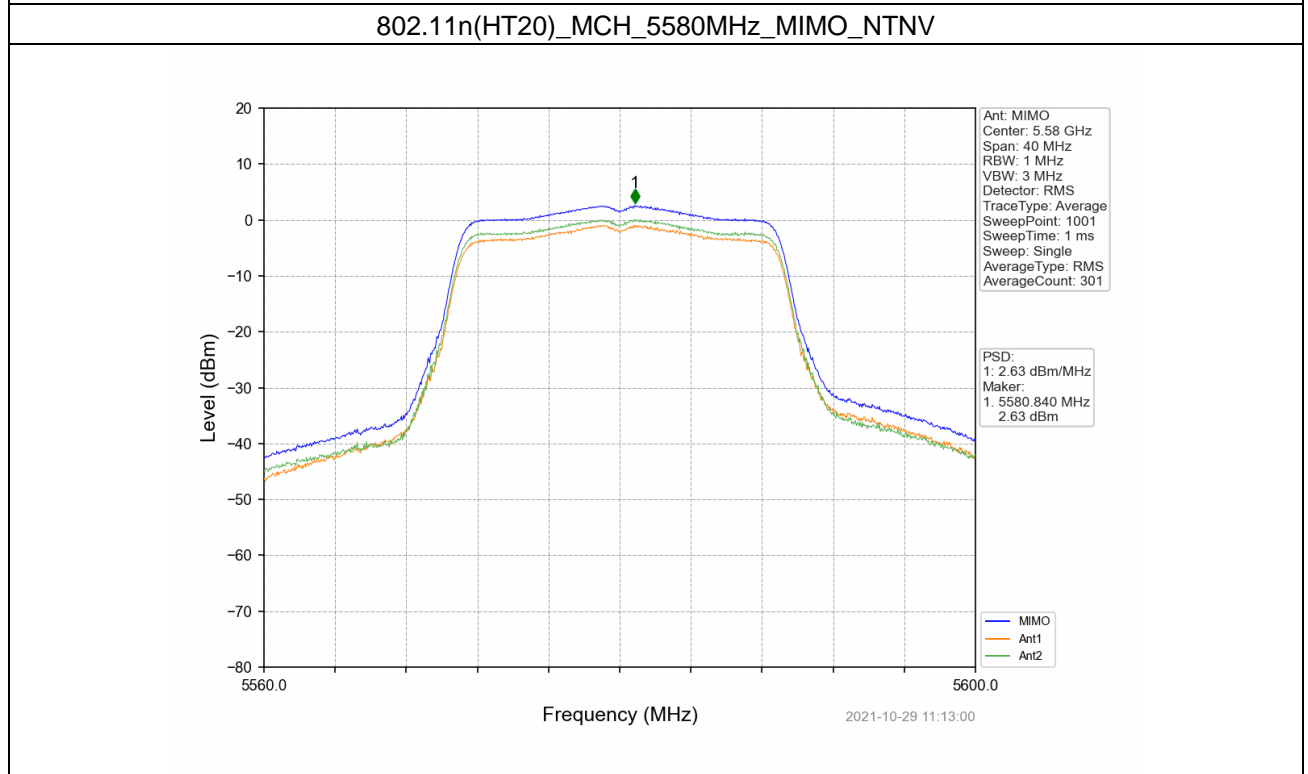
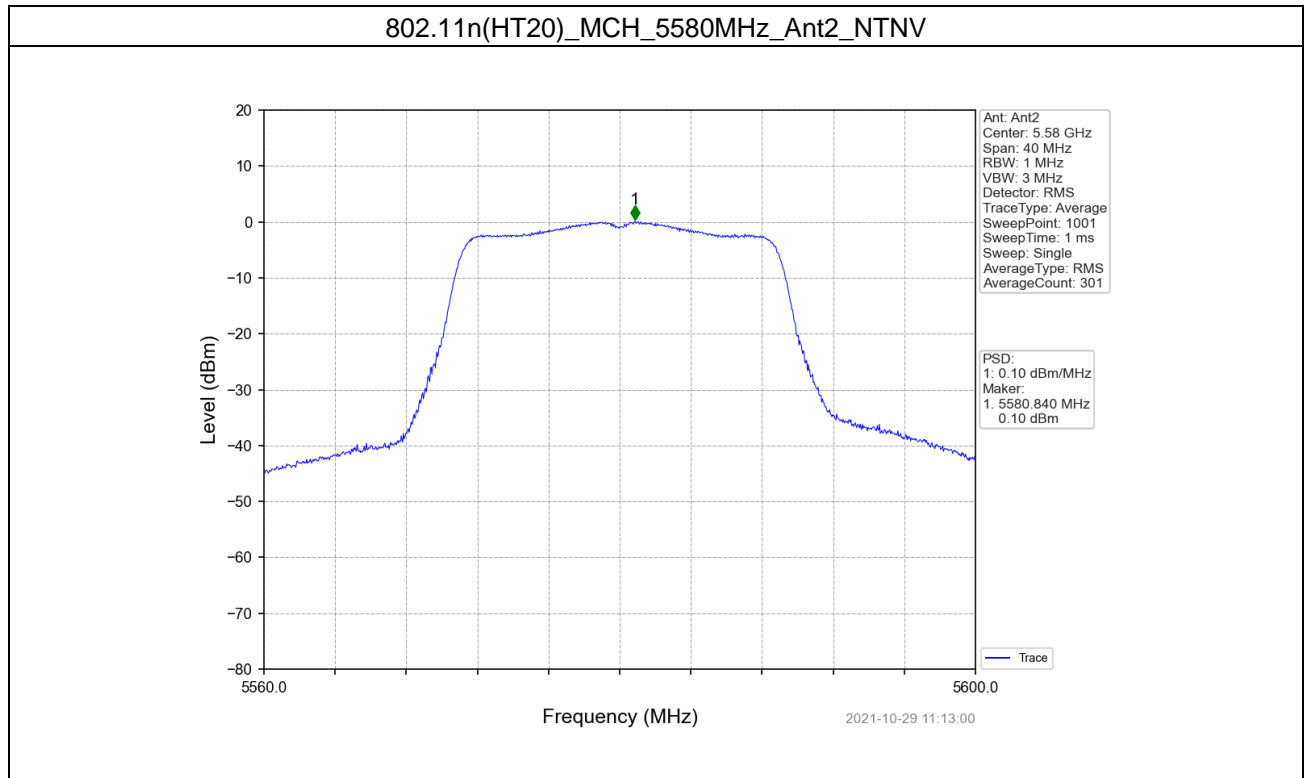
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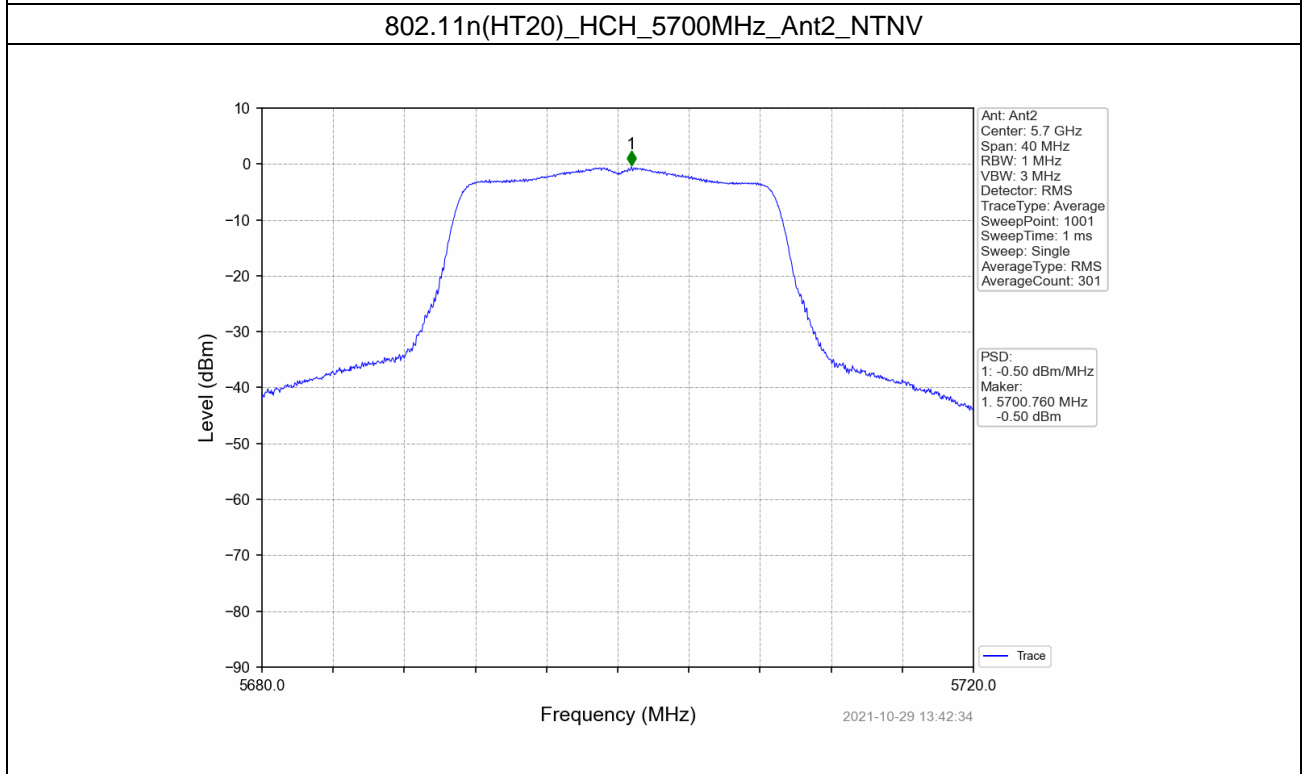
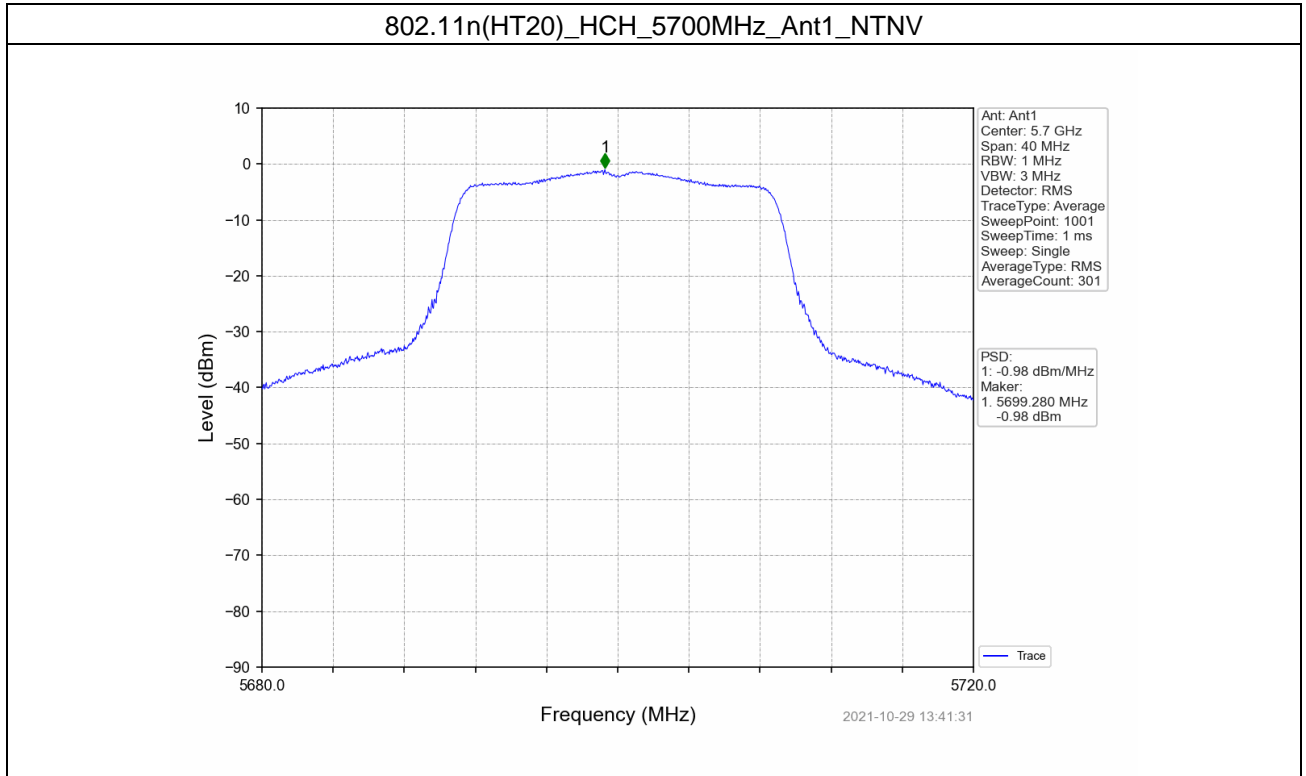
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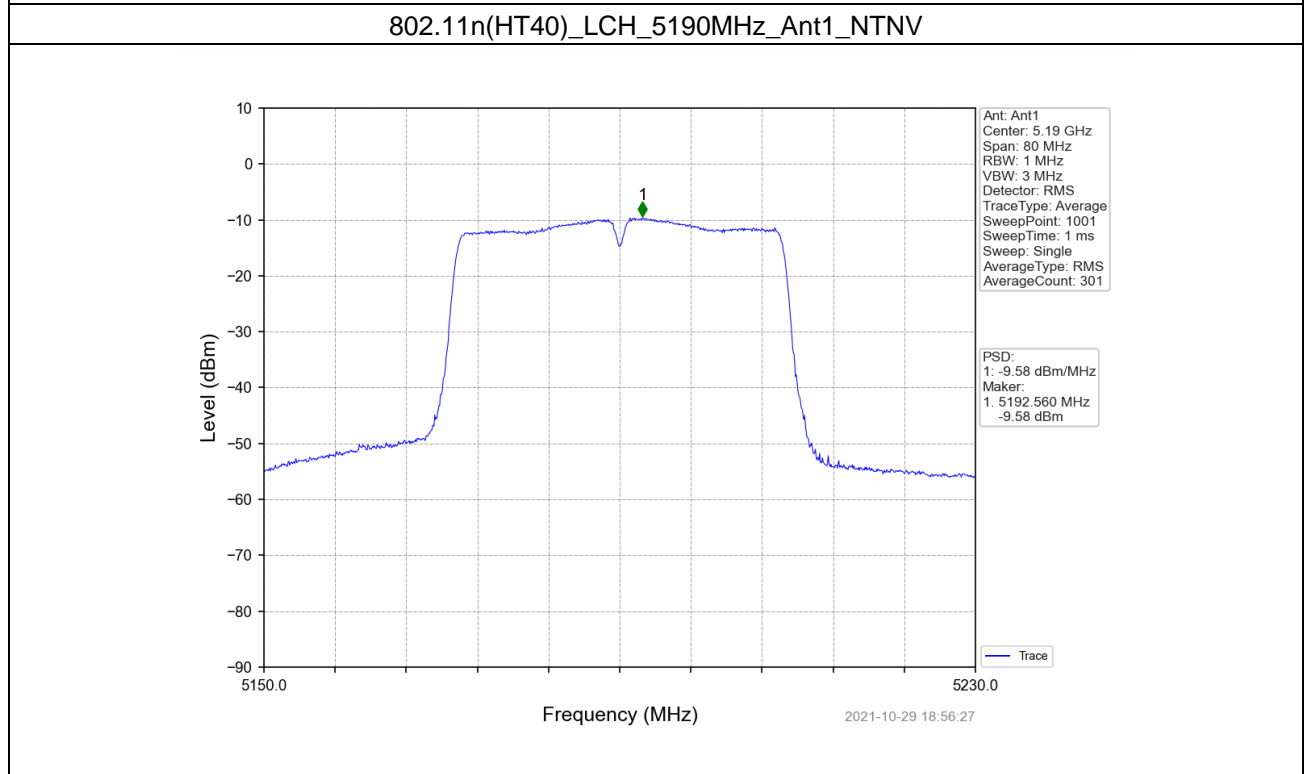
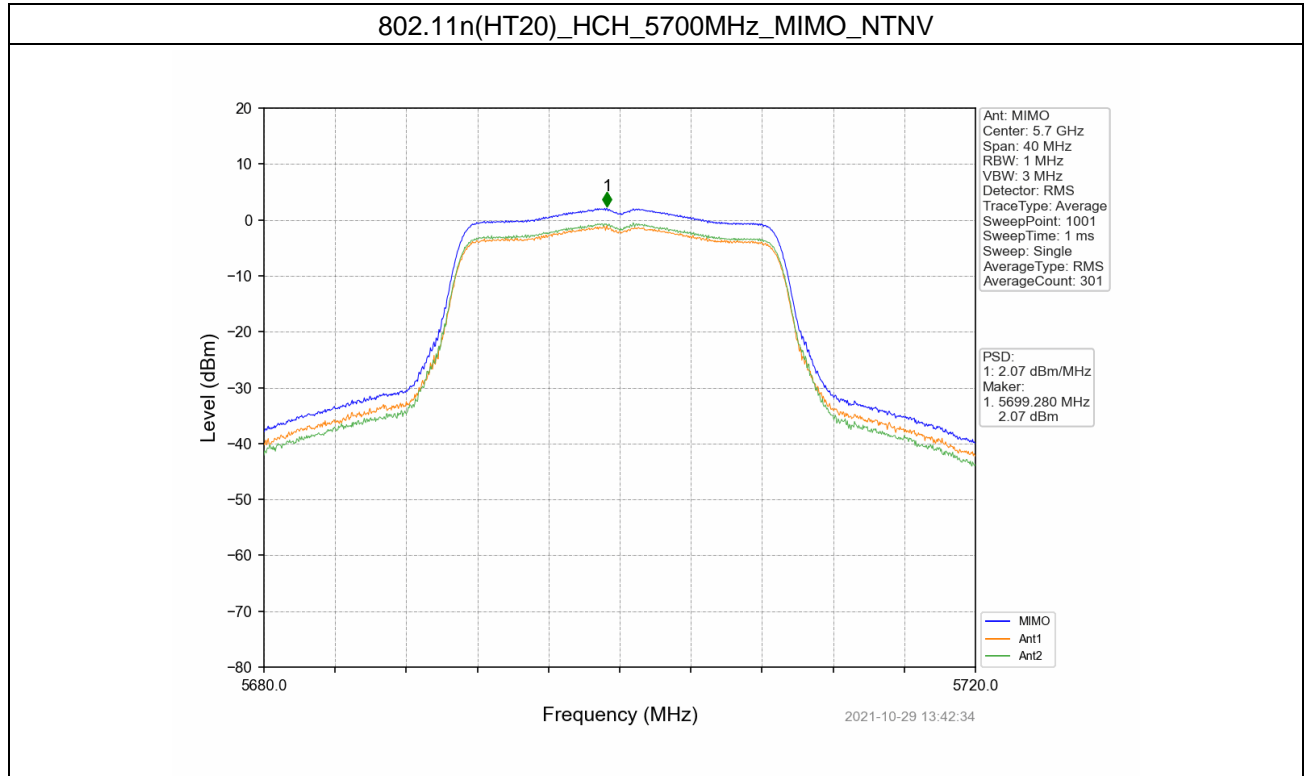
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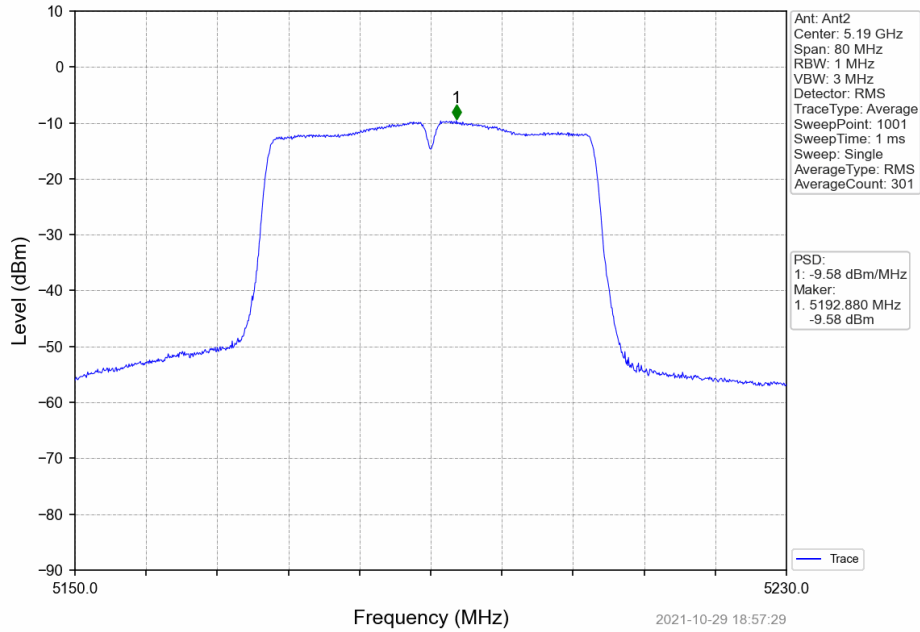


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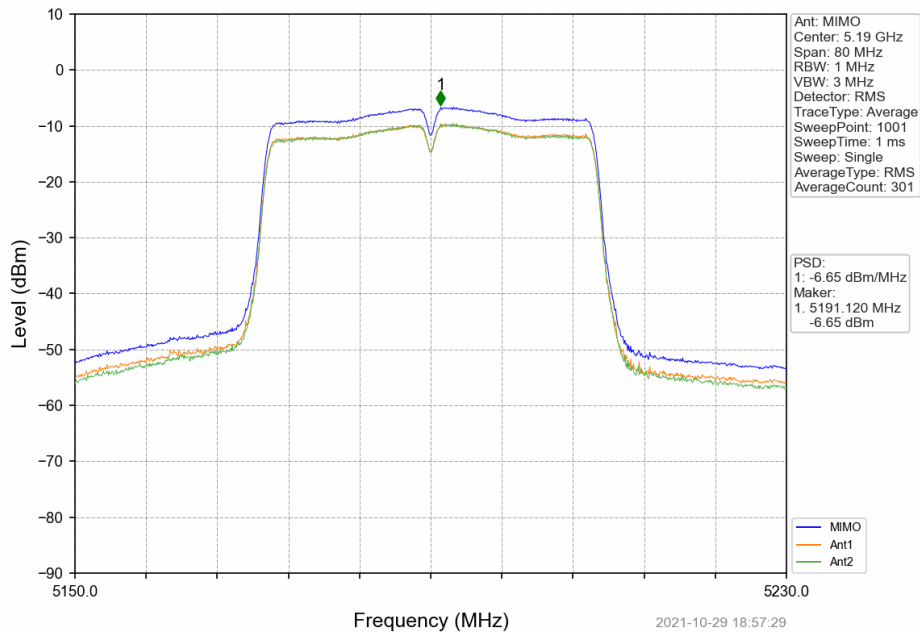
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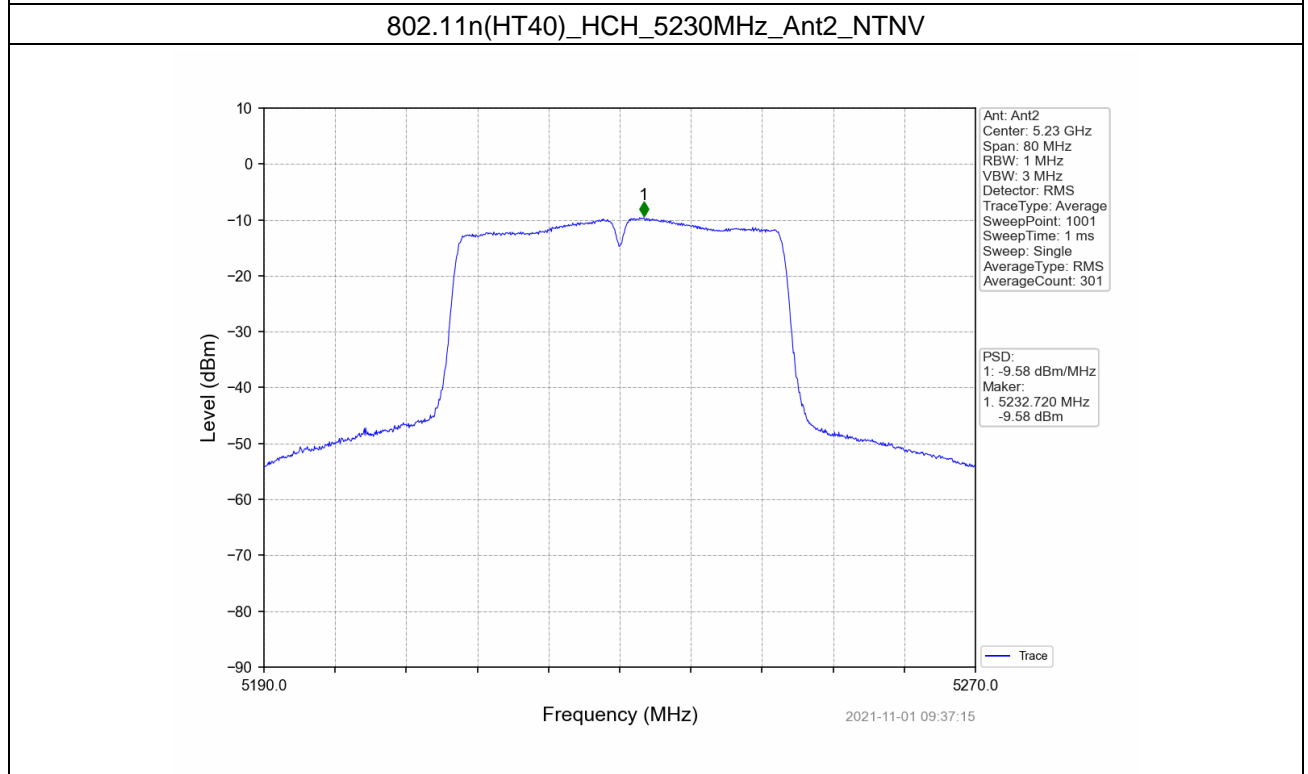
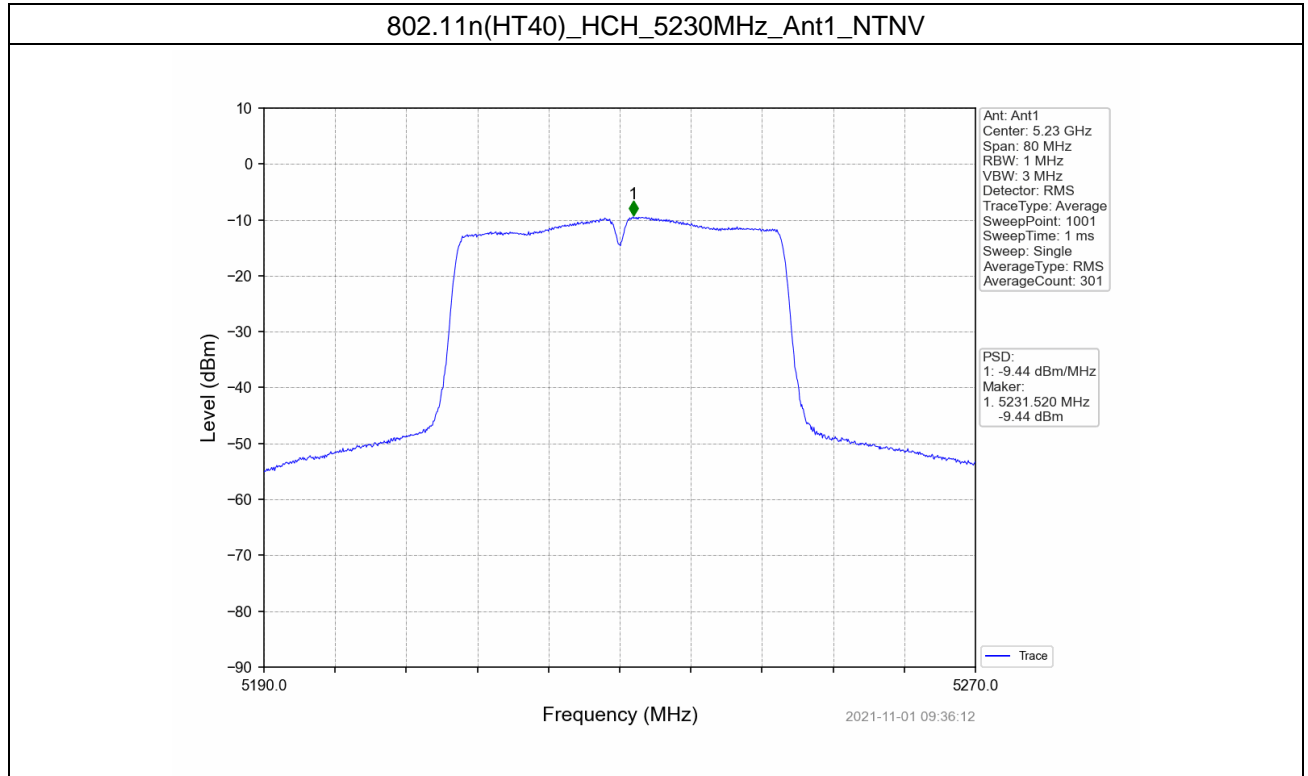
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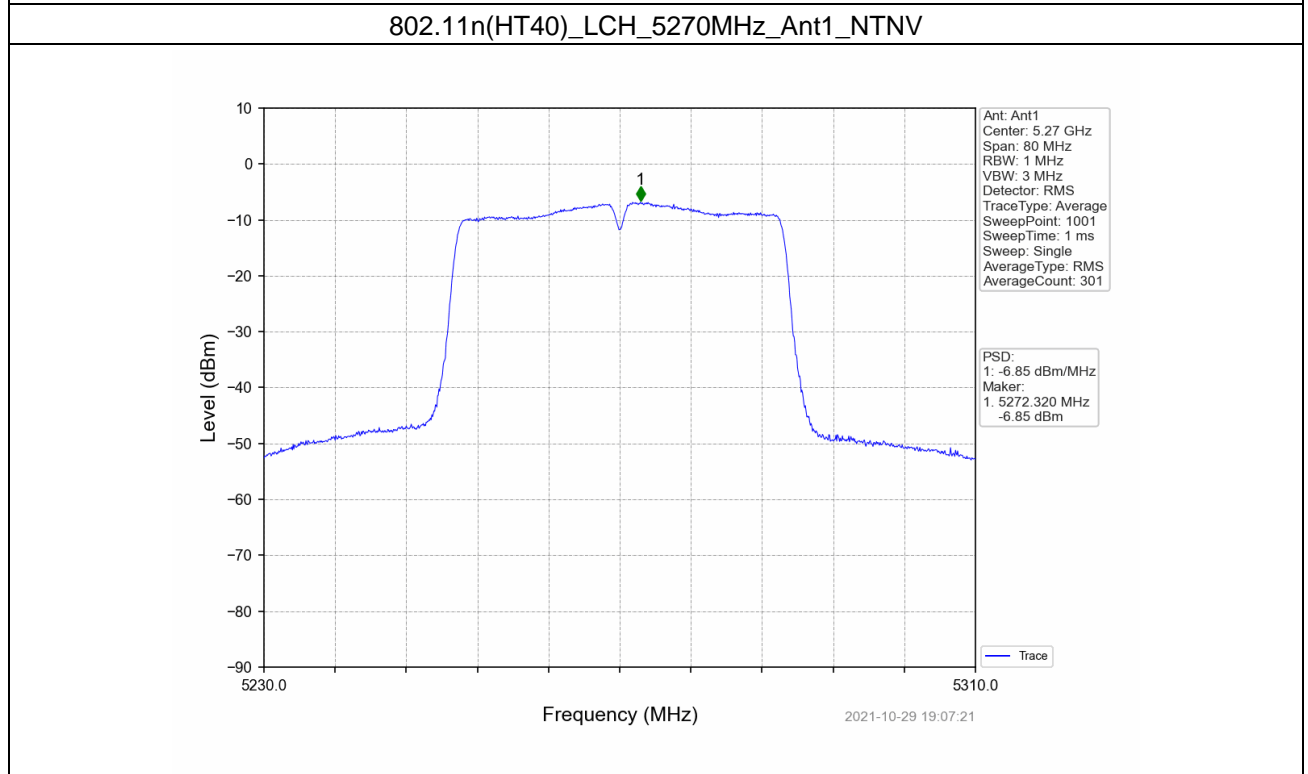
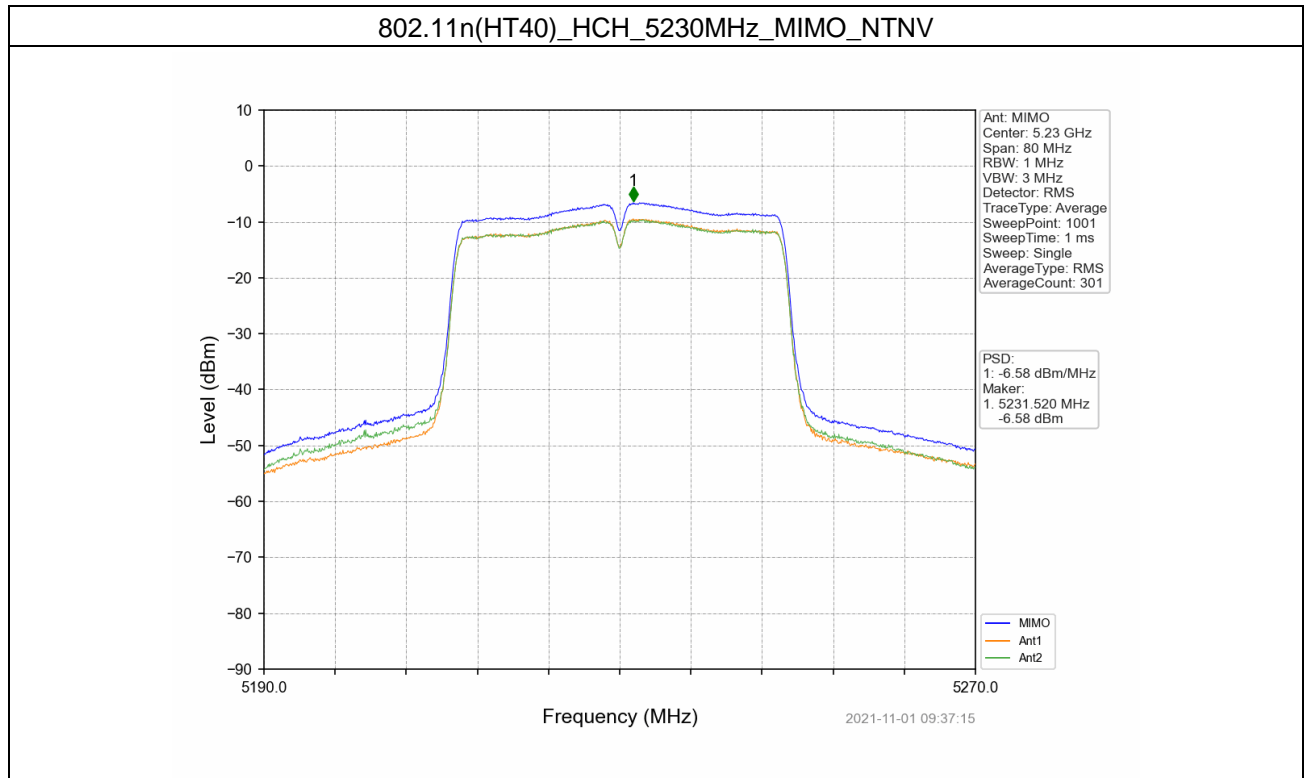
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



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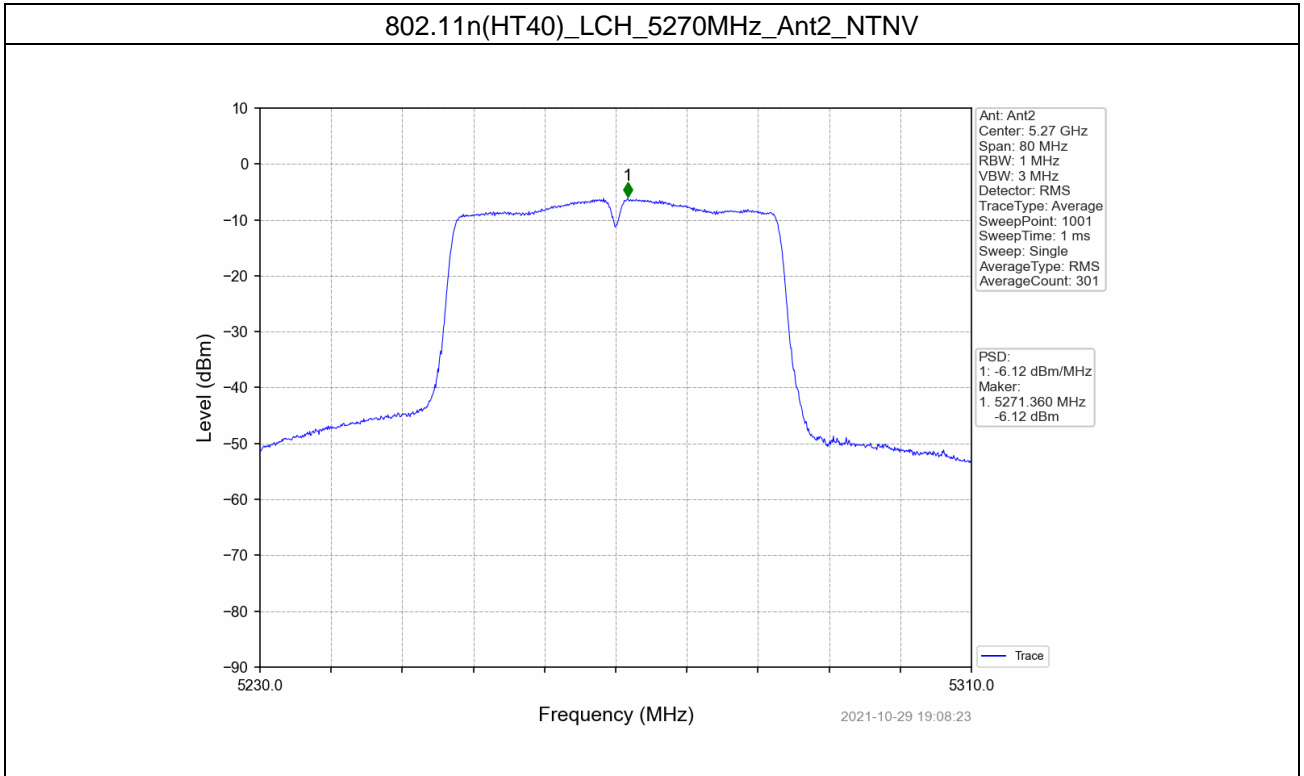


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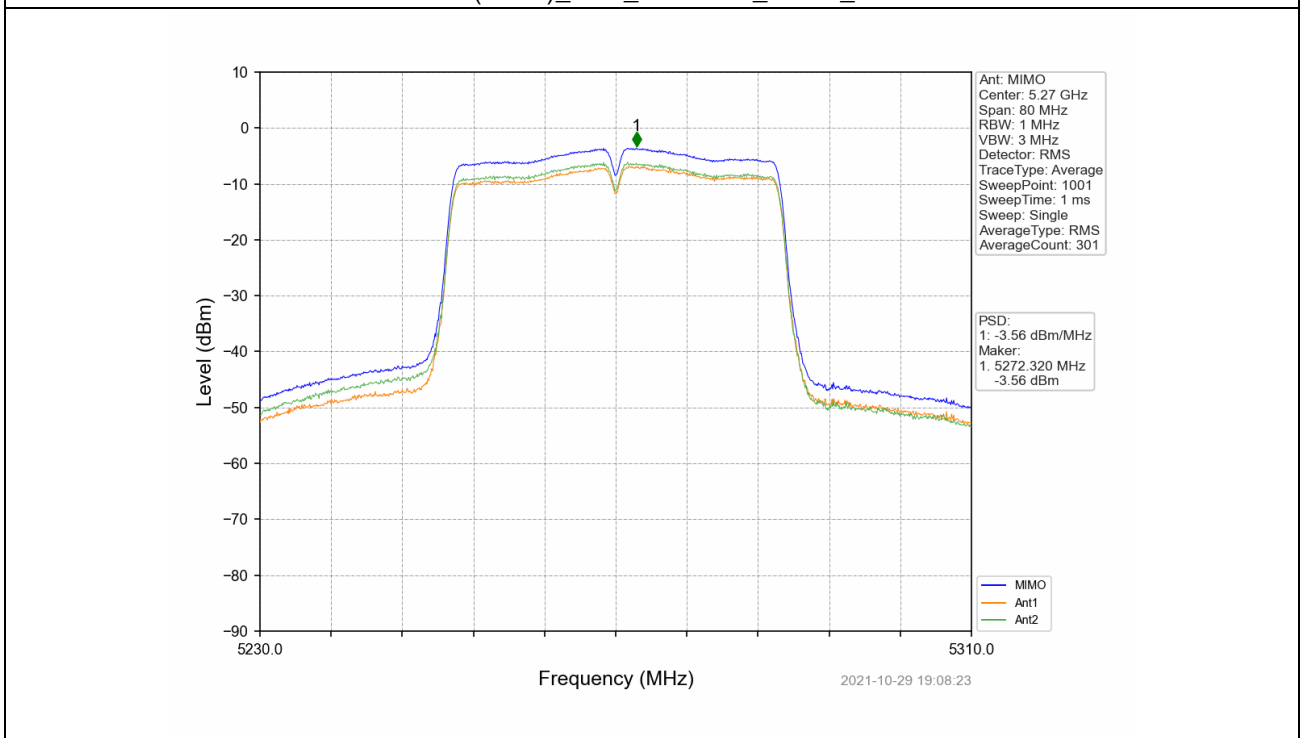
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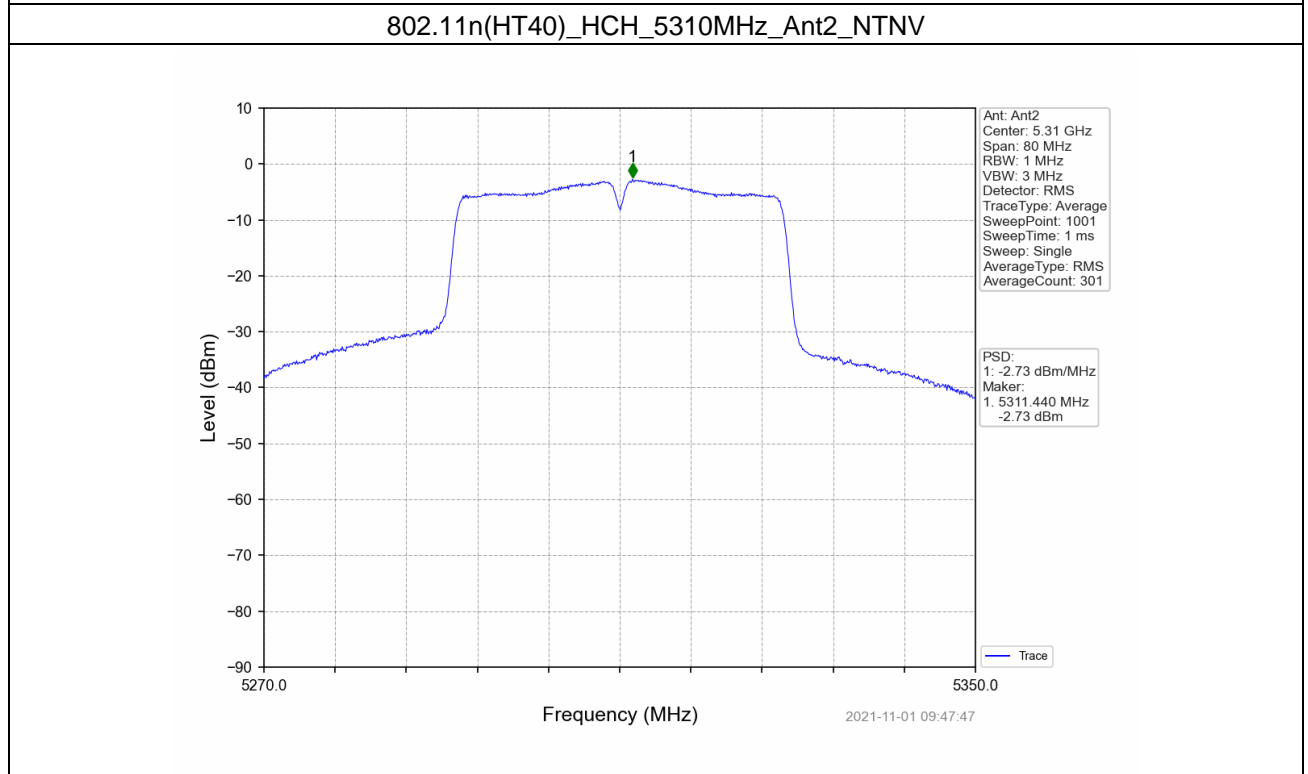
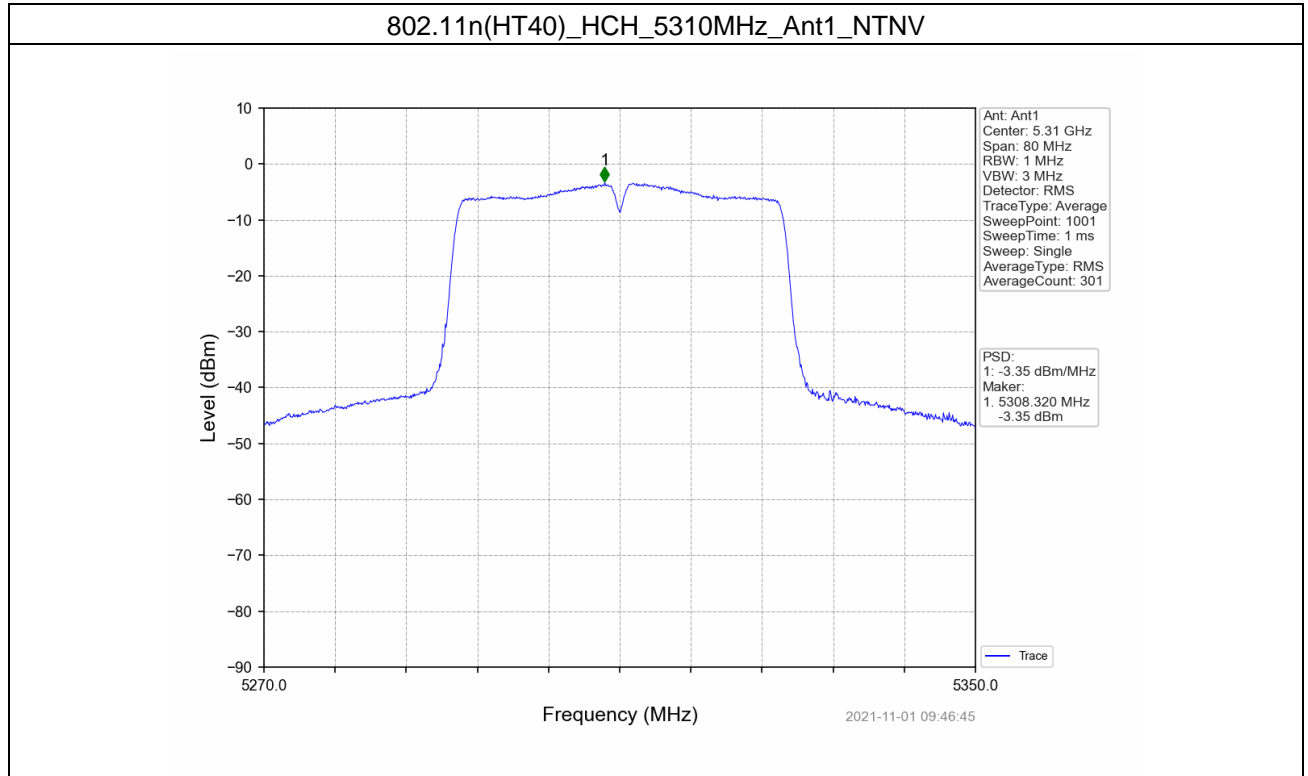
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



802.11n(HT40)_LCH_5270MHz_MIMO_NTNV



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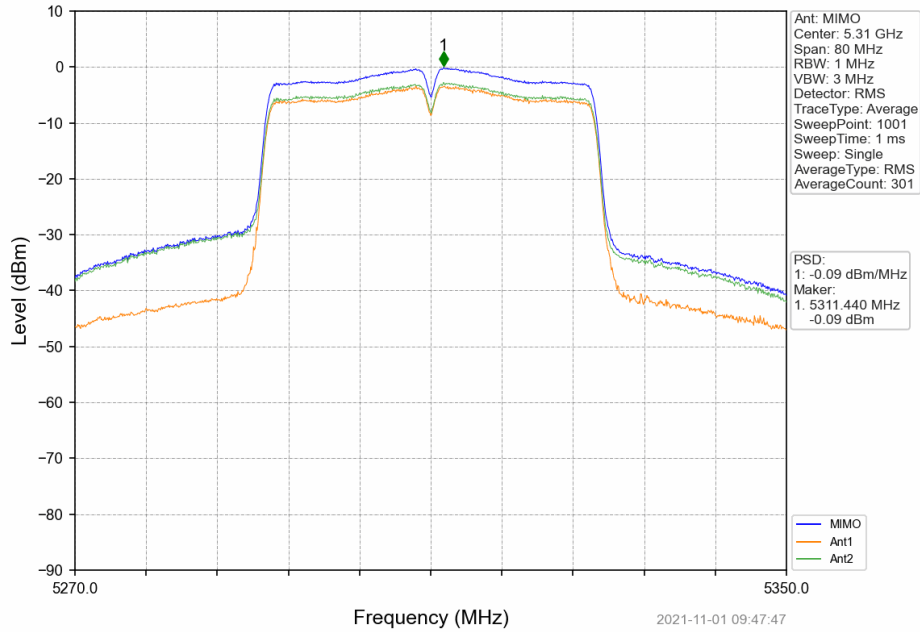


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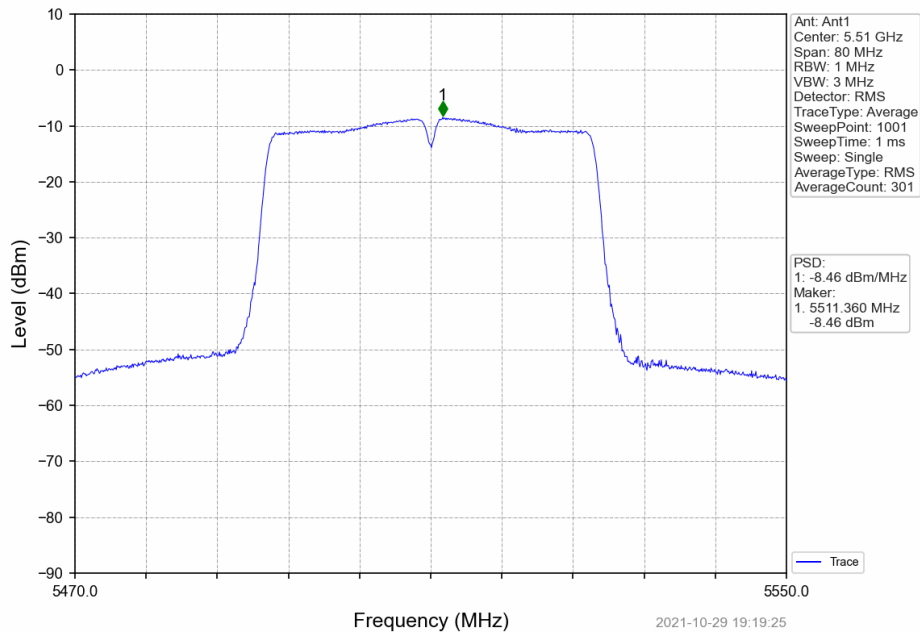
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802.11n(HT40)_HCH_5310MHz_MIMO_NTNV

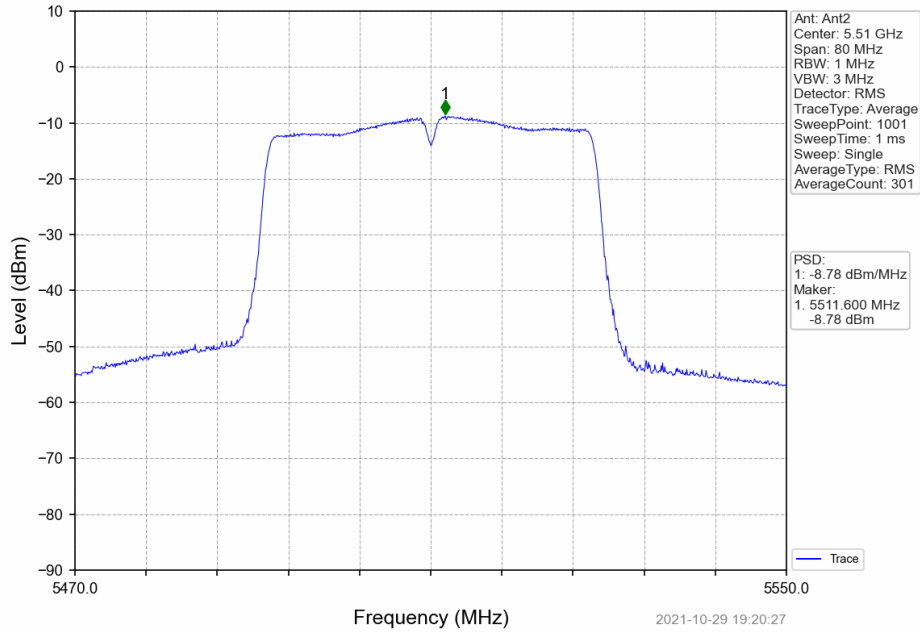


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

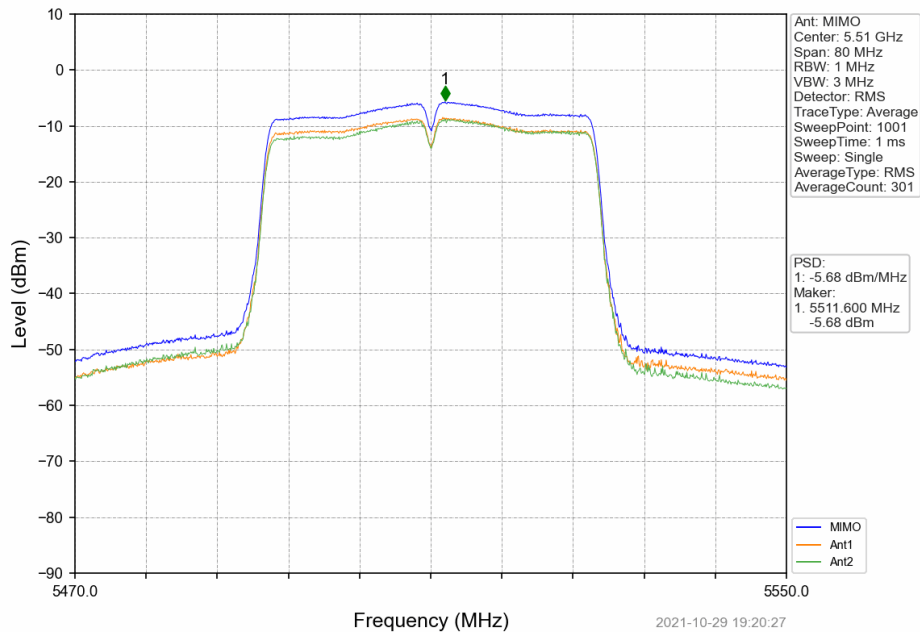


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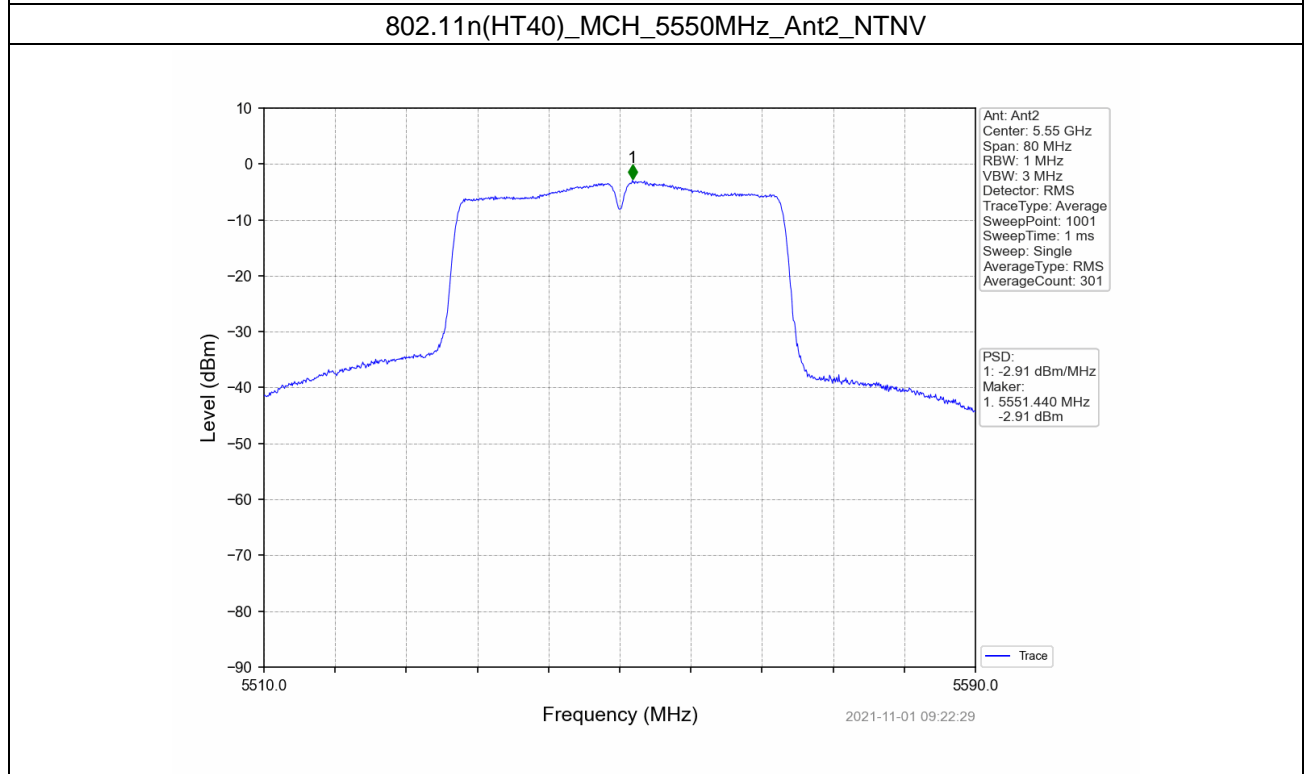
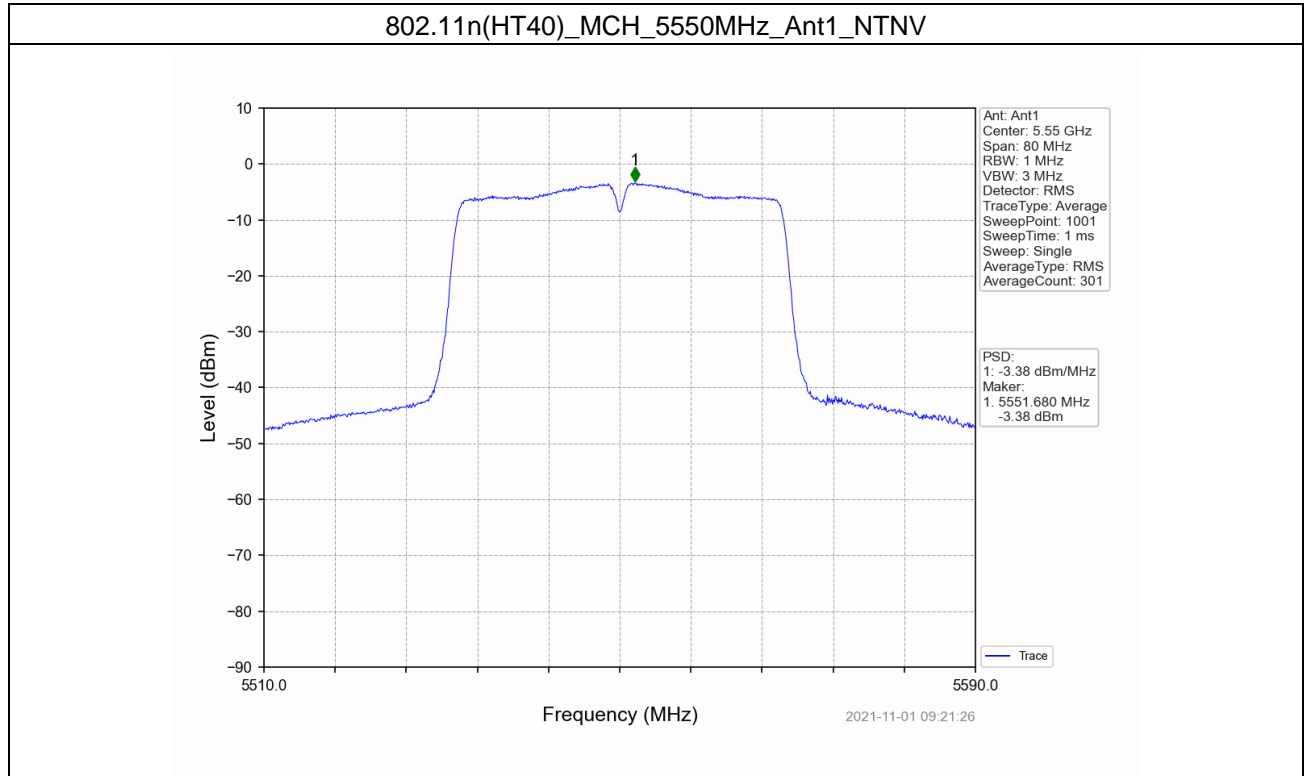
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



802.11n(HT40)_LCH_5510MHz_MIMO_NTNV



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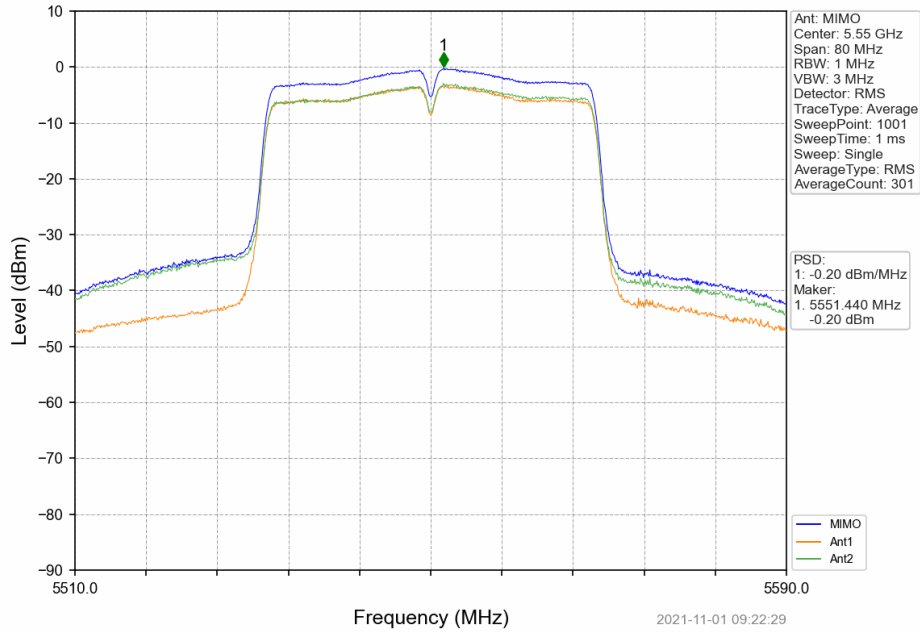


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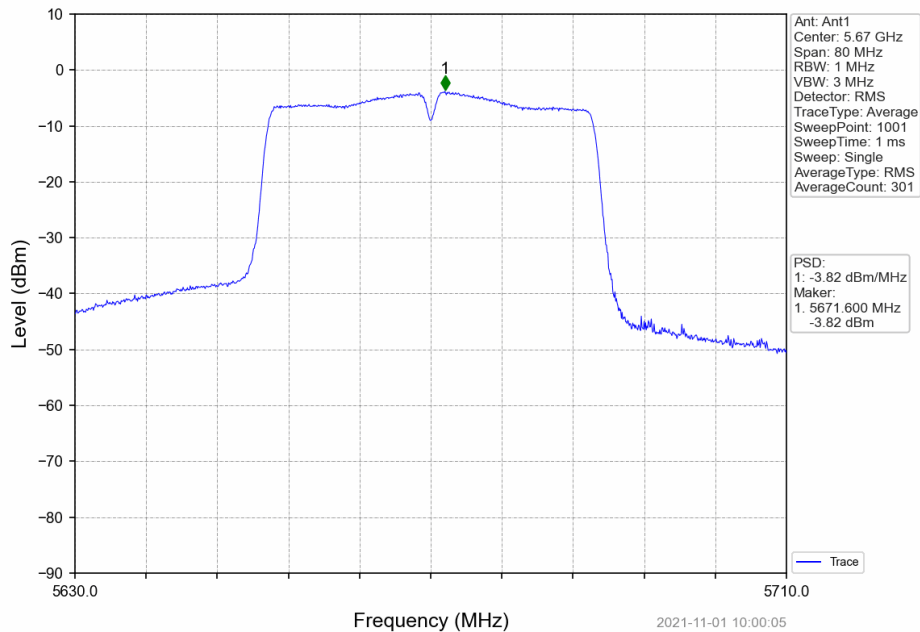
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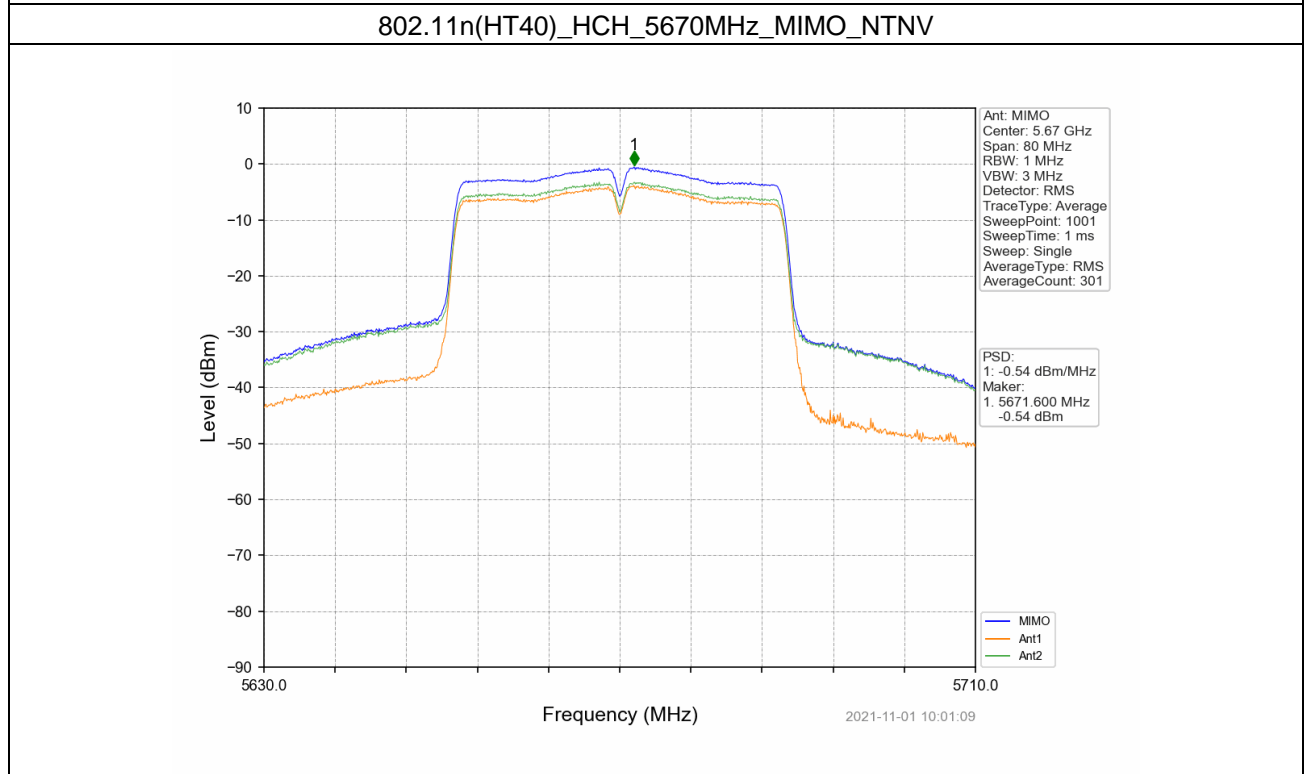
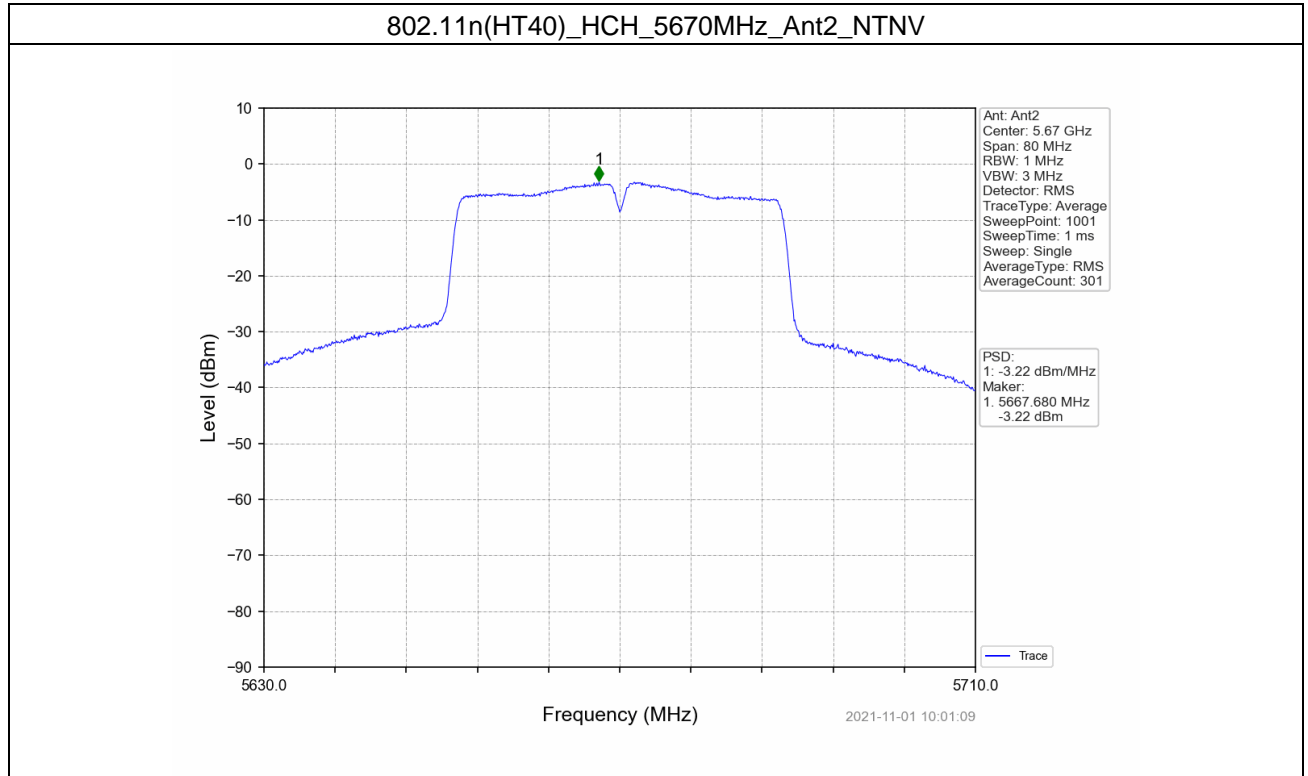
802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



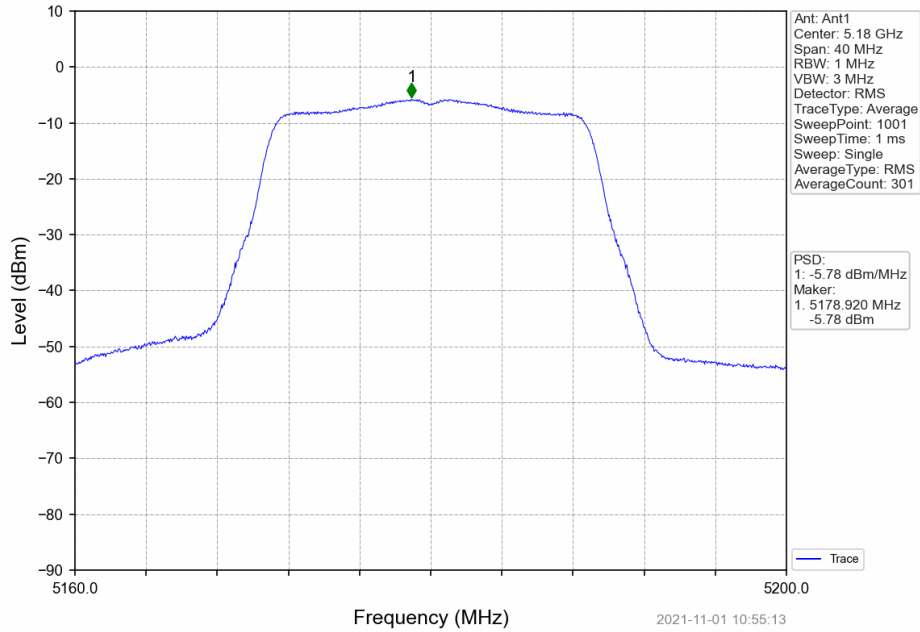
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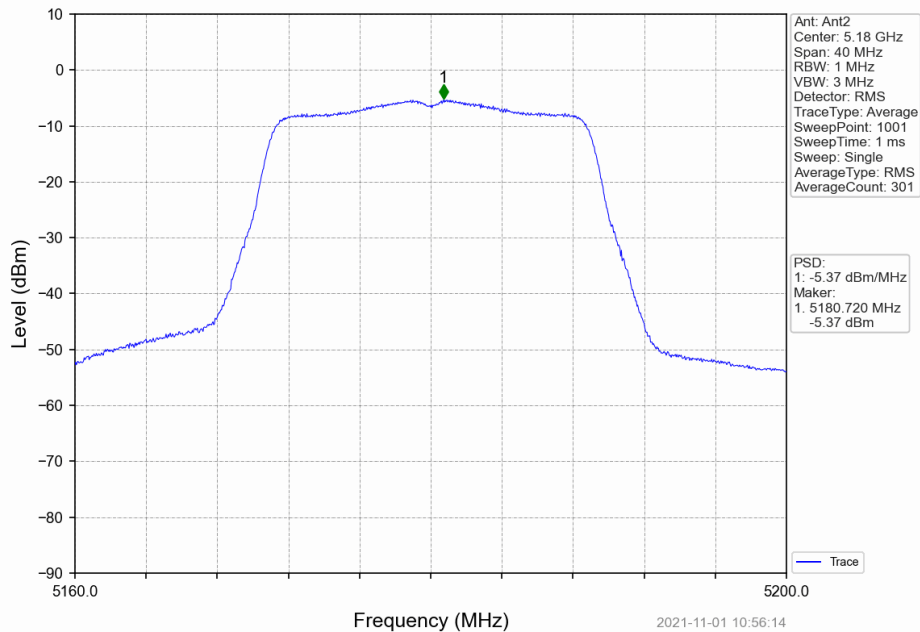
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



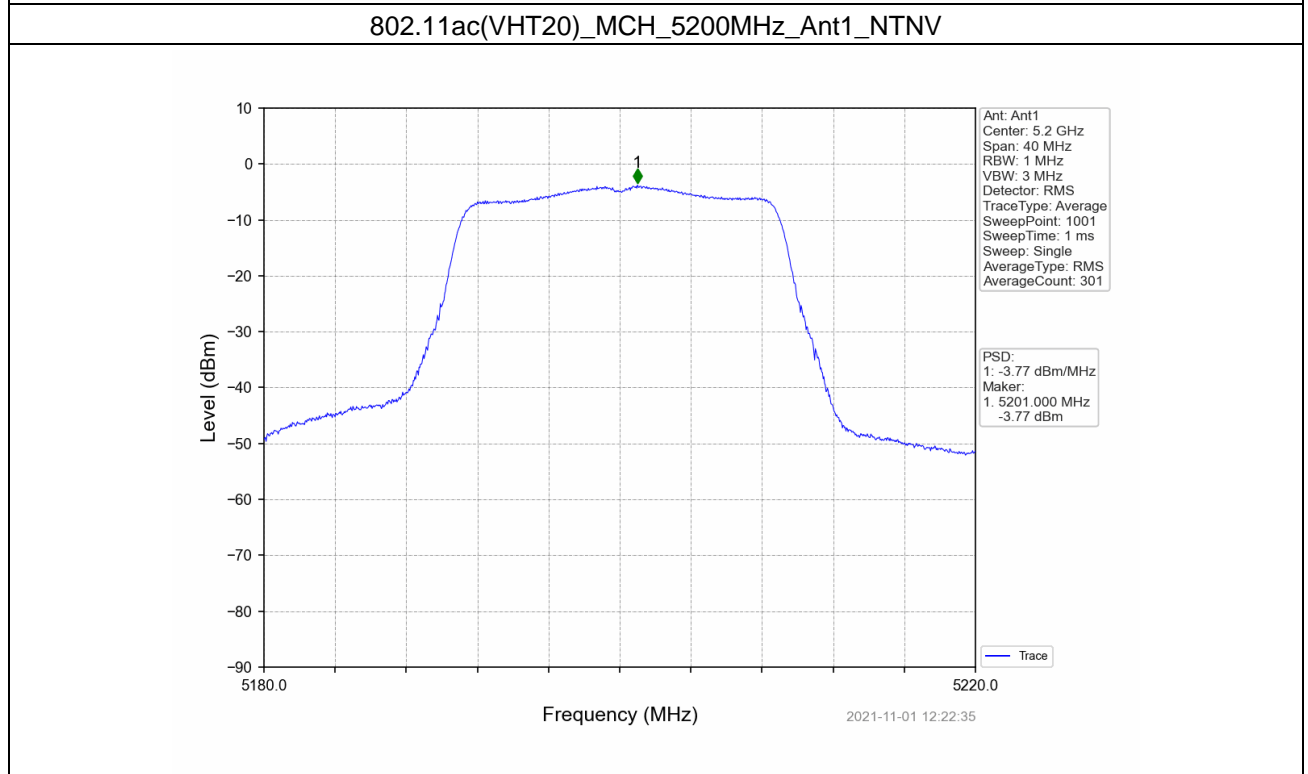
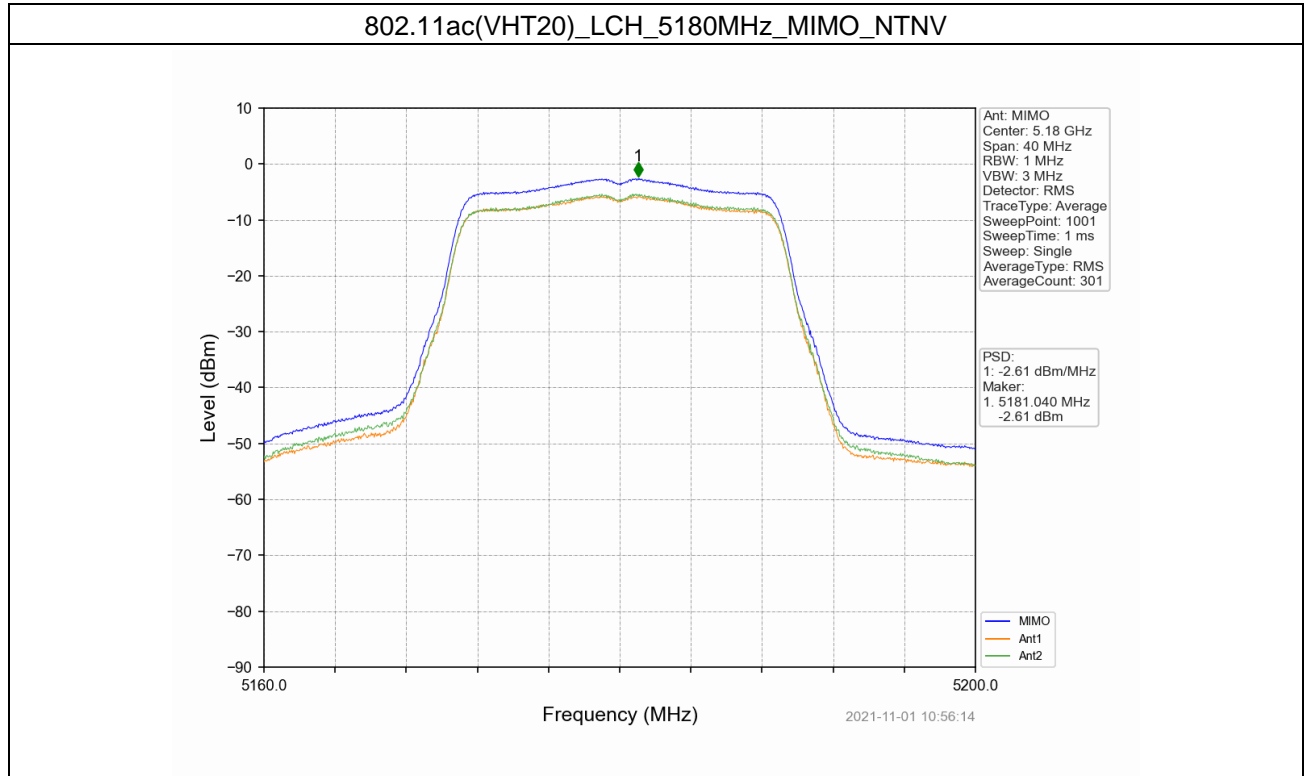
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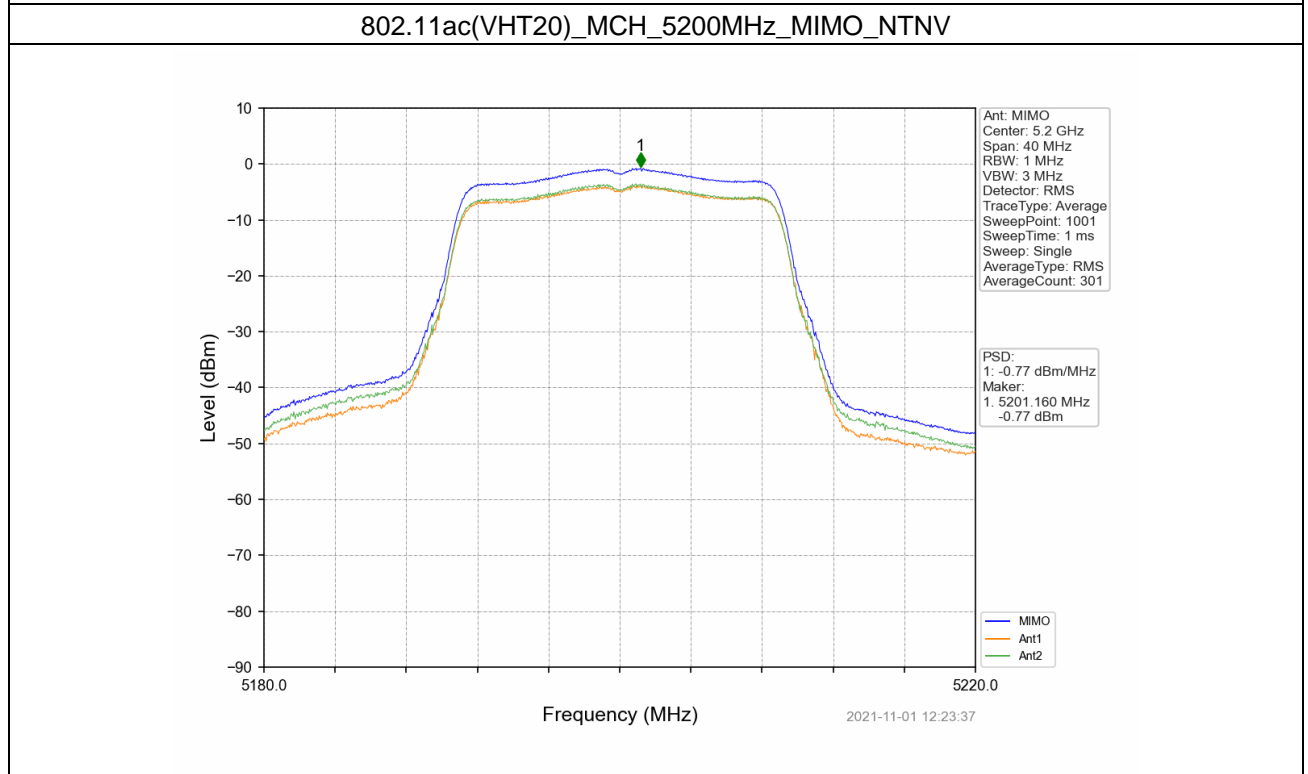
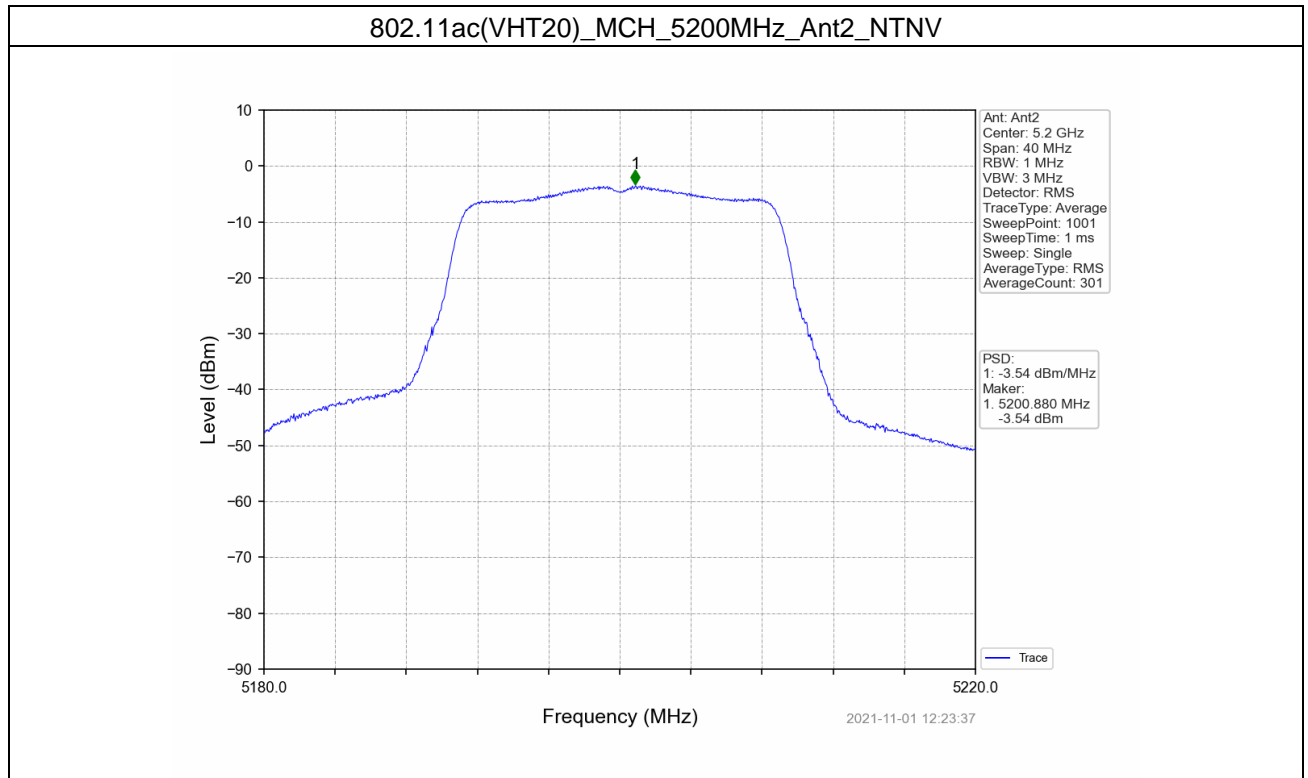
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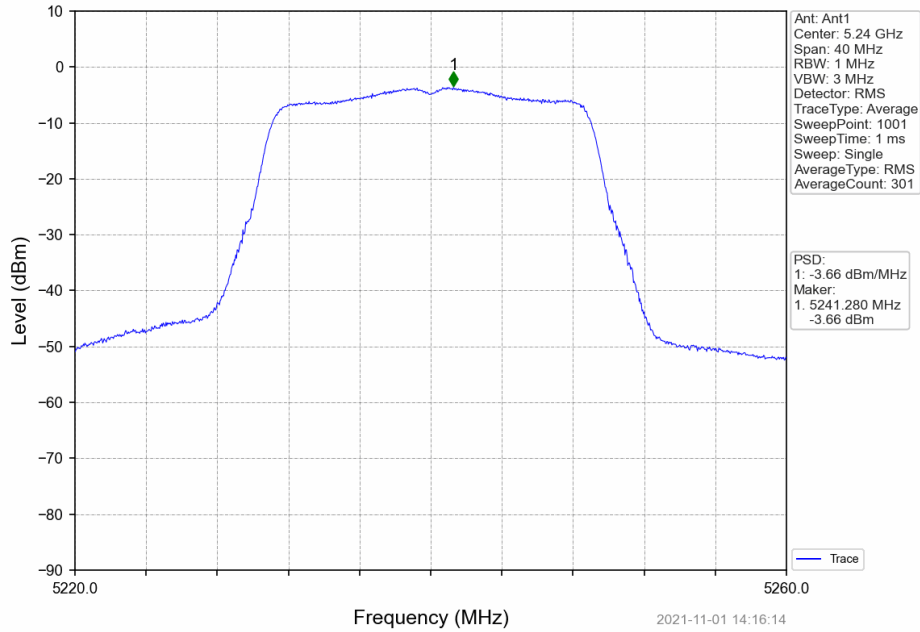


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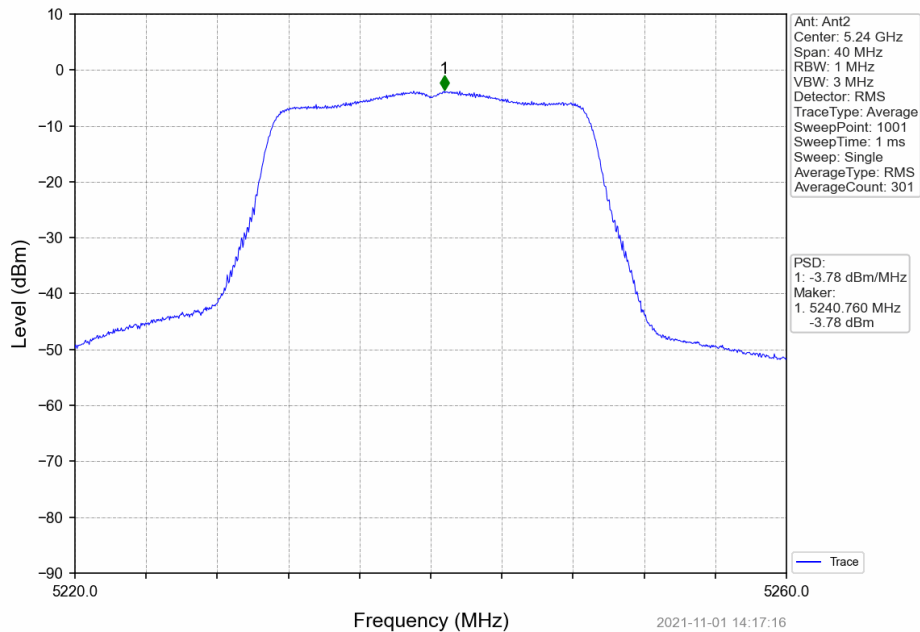


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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

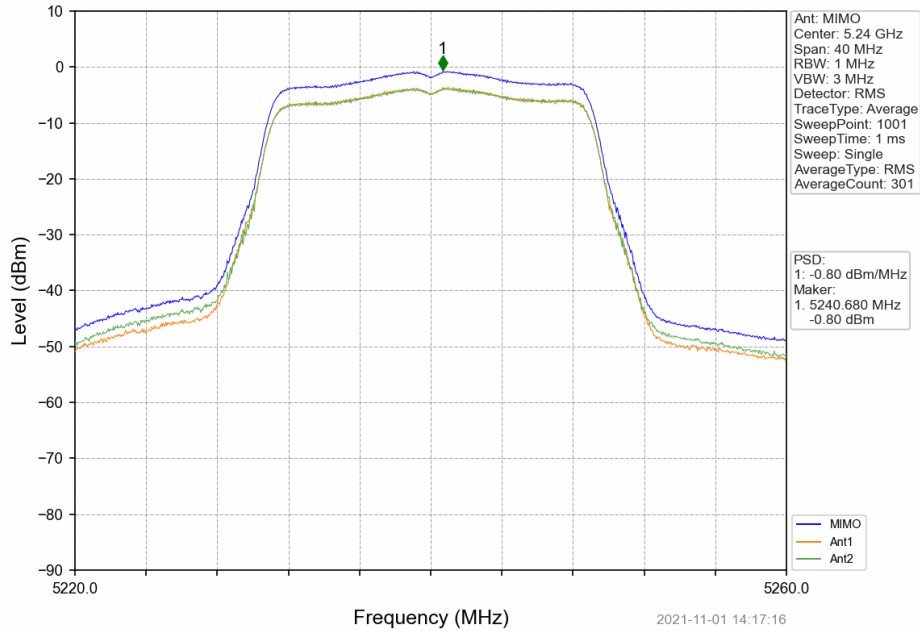


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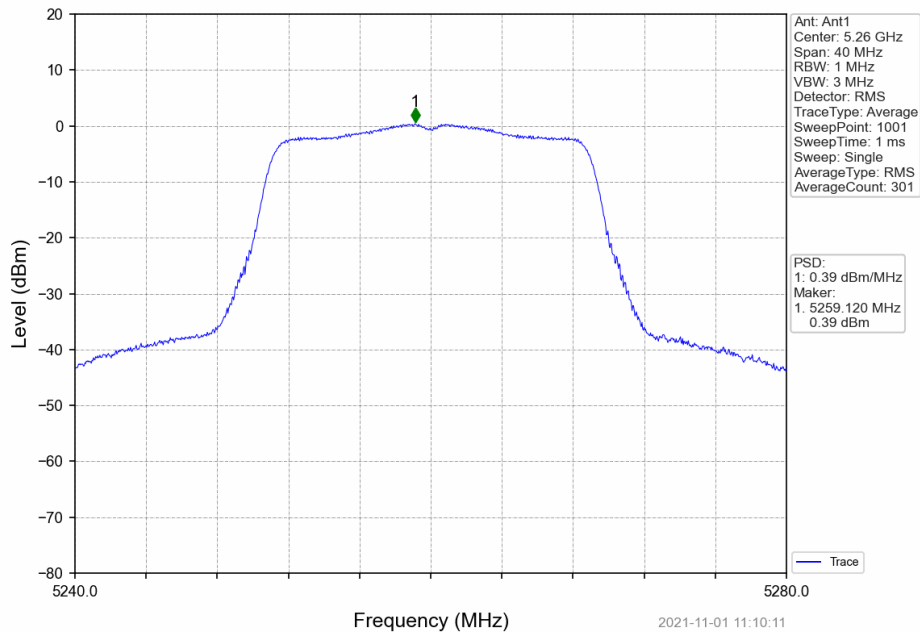
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802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



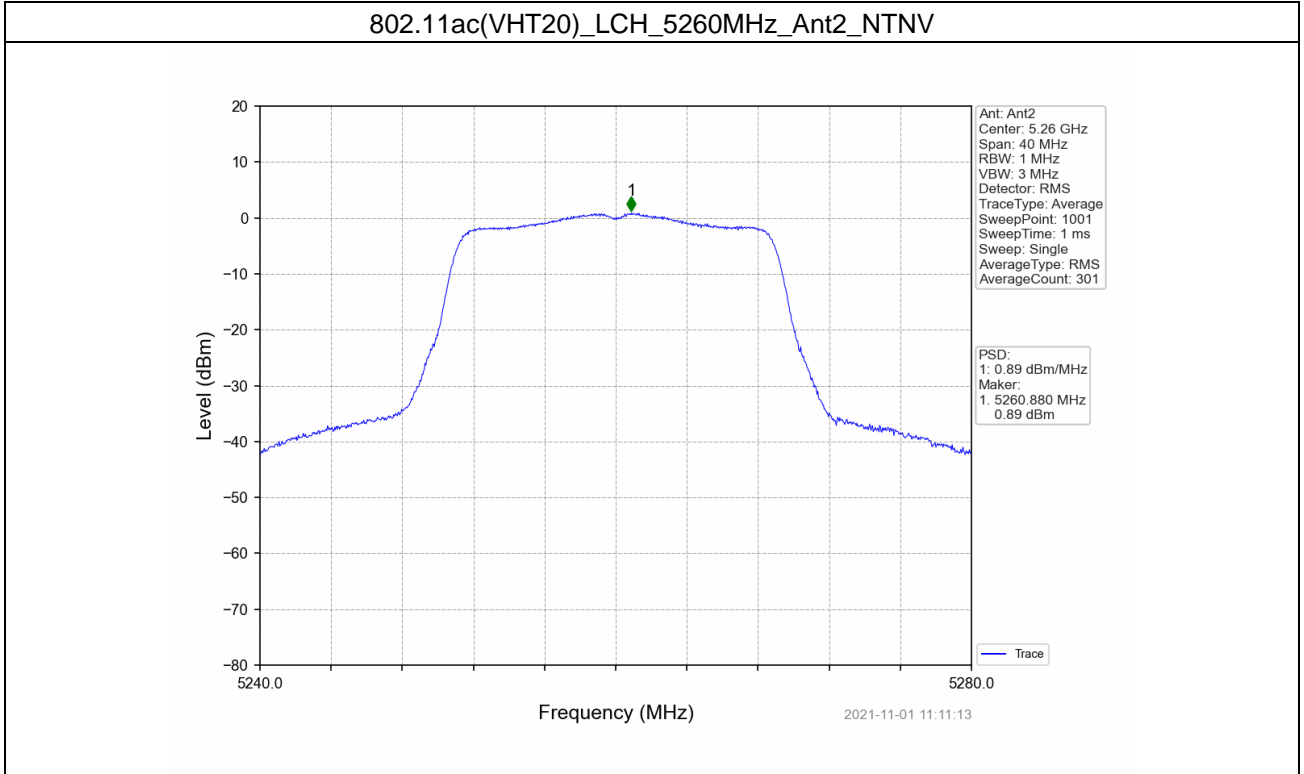
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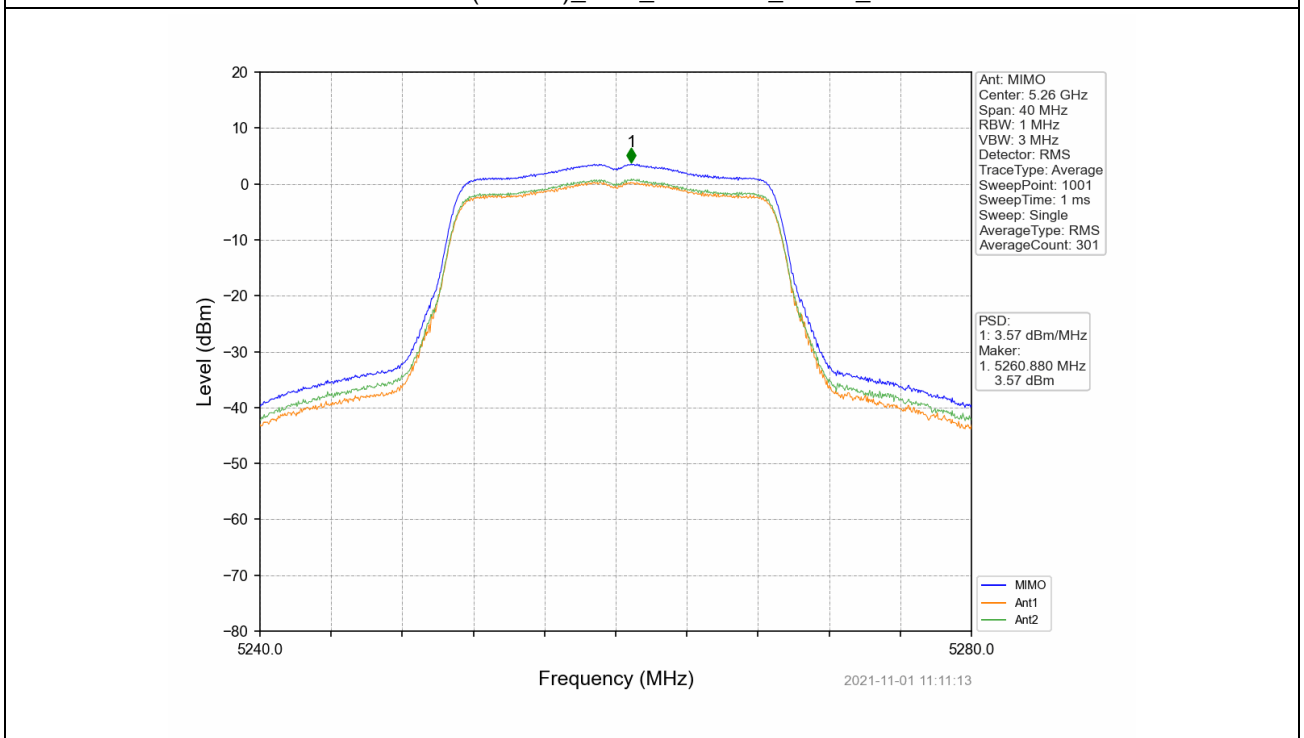
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802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV

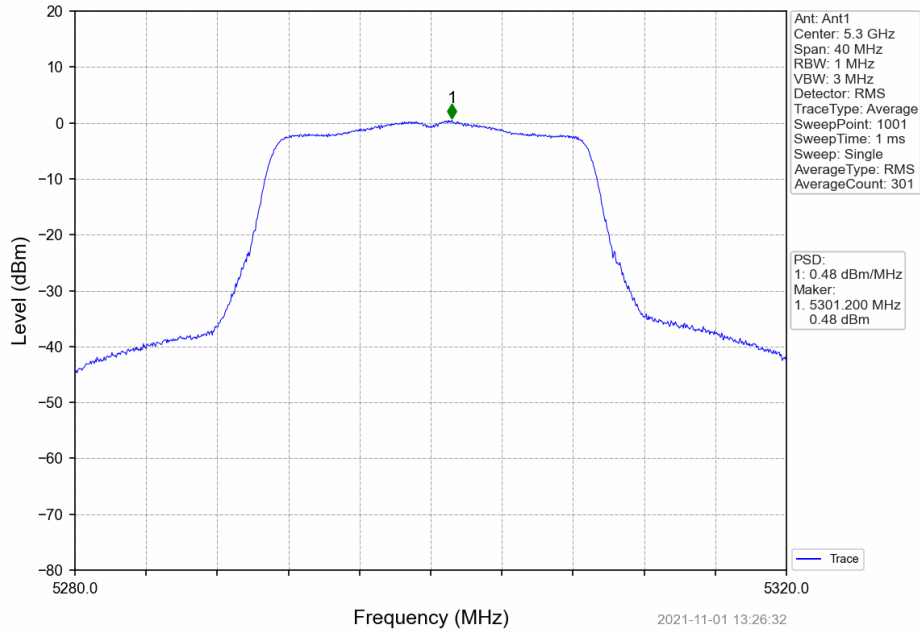


802.11ac(VHT20)_LCH_5260MHz_MIMO_NTNV

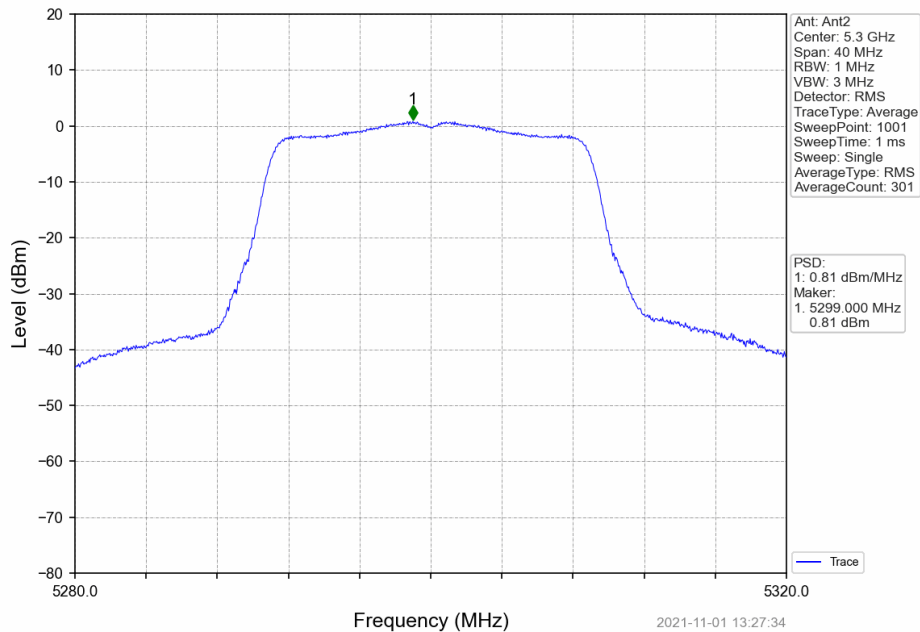


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802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



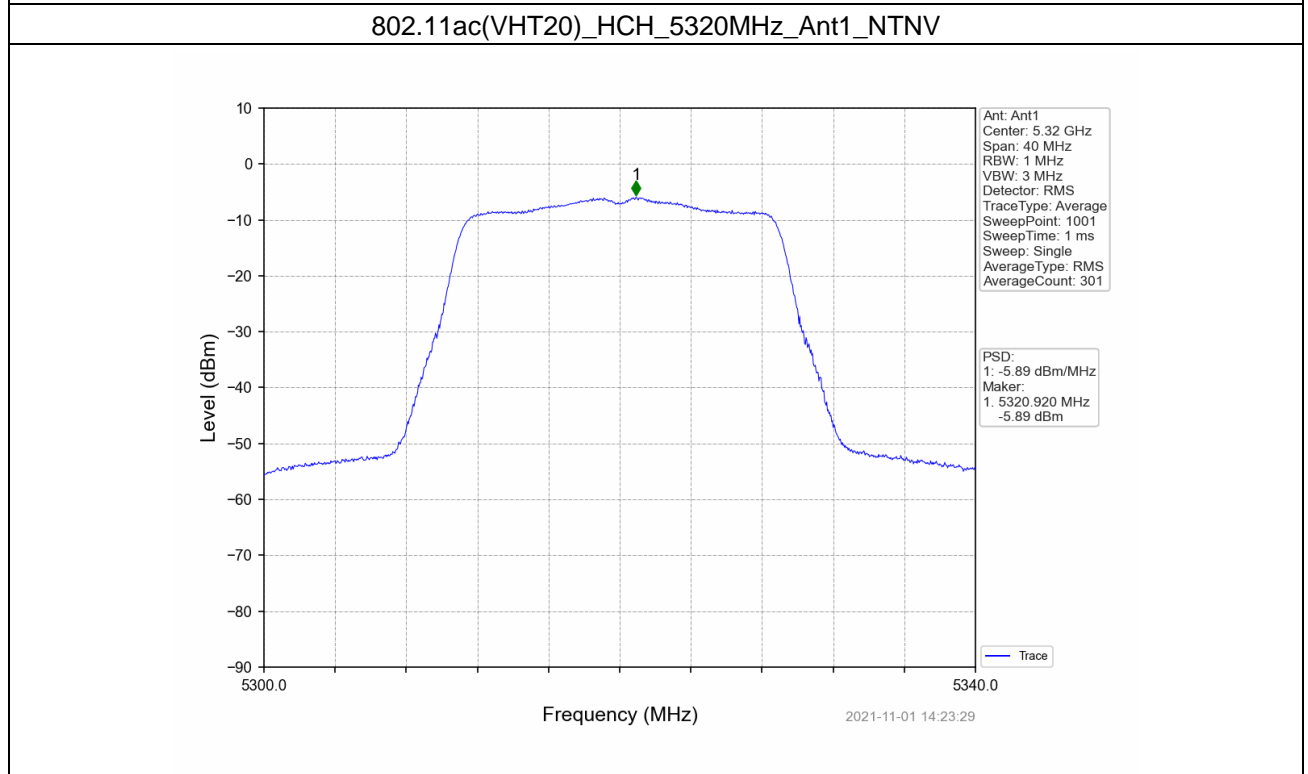
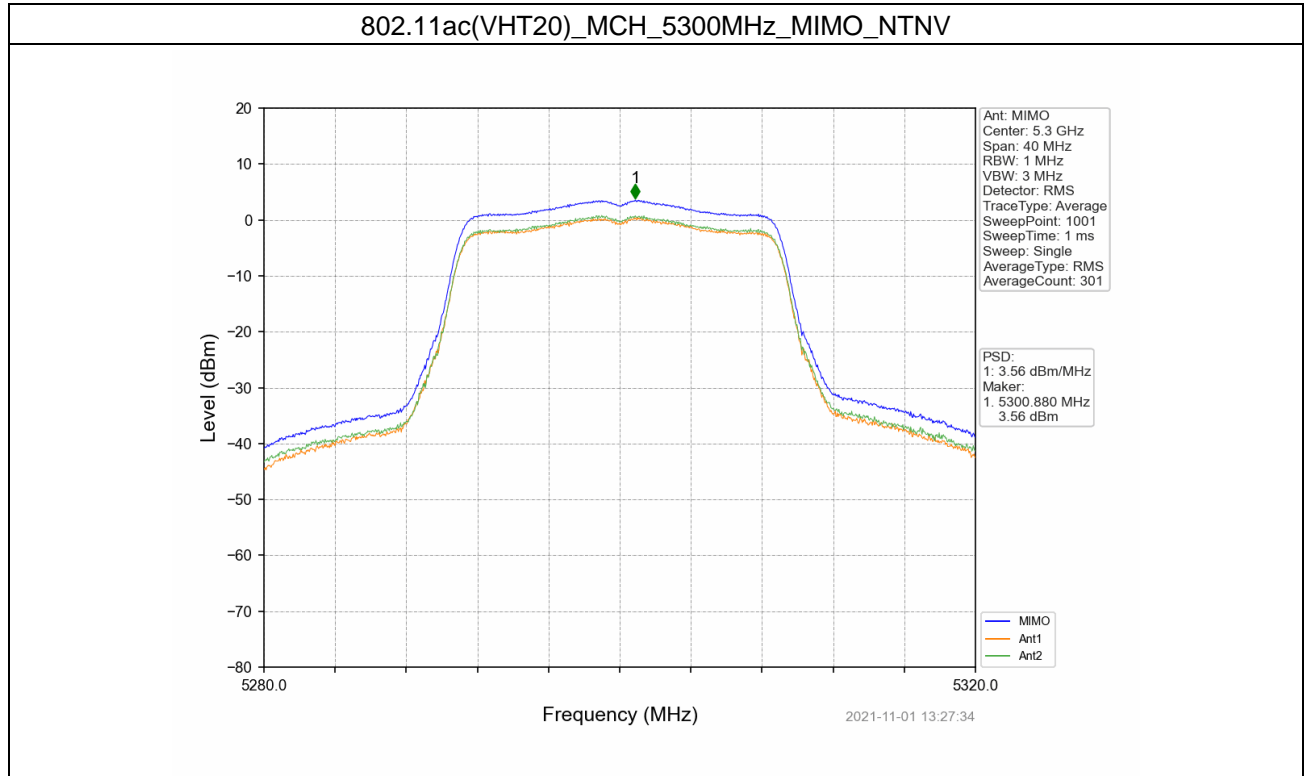
802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



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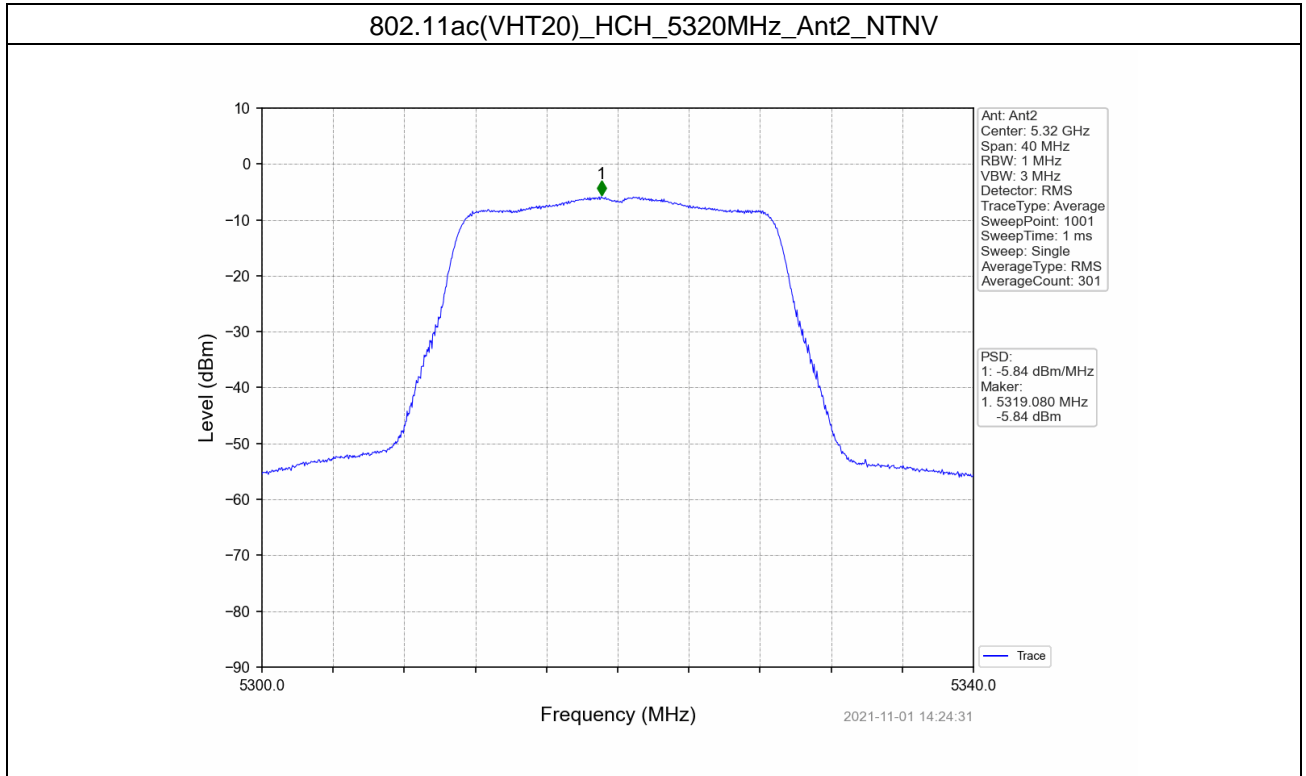
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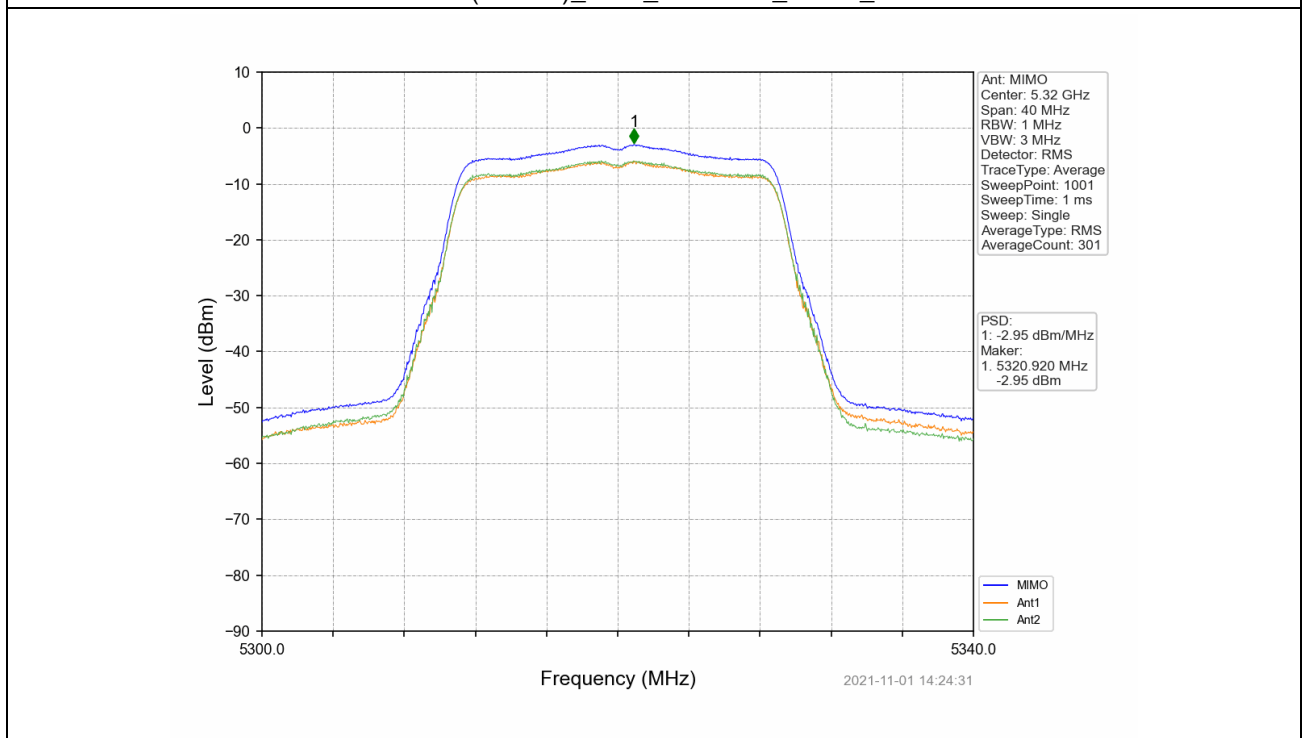


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802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV

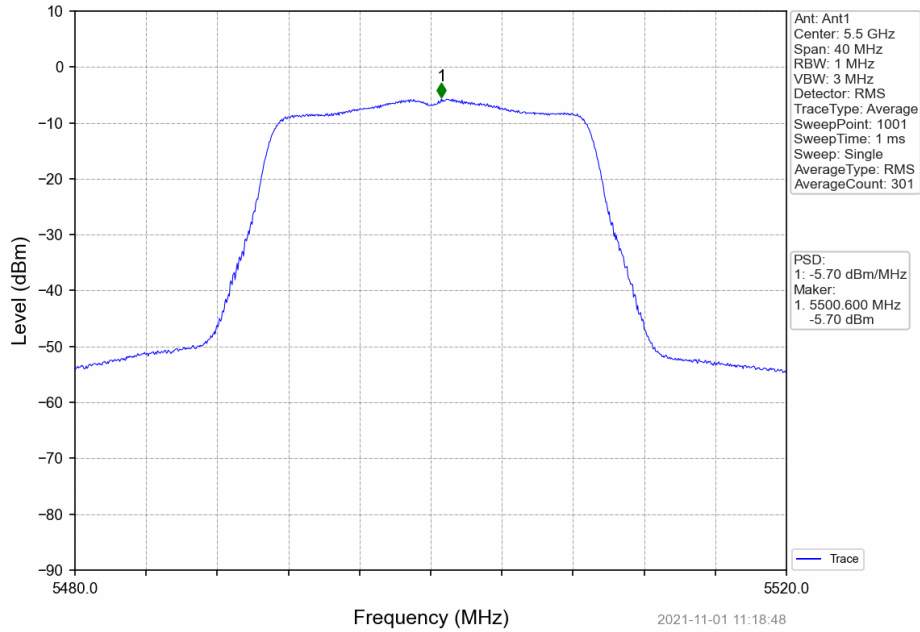


802.11ac(VHT20)_HCH_5320MHz_MIMO_NTNV

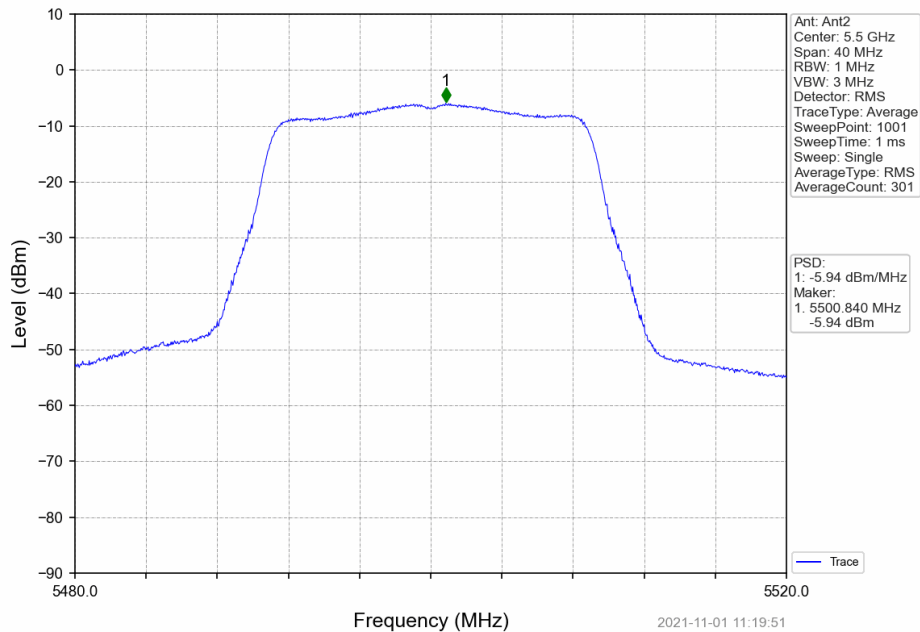


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802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

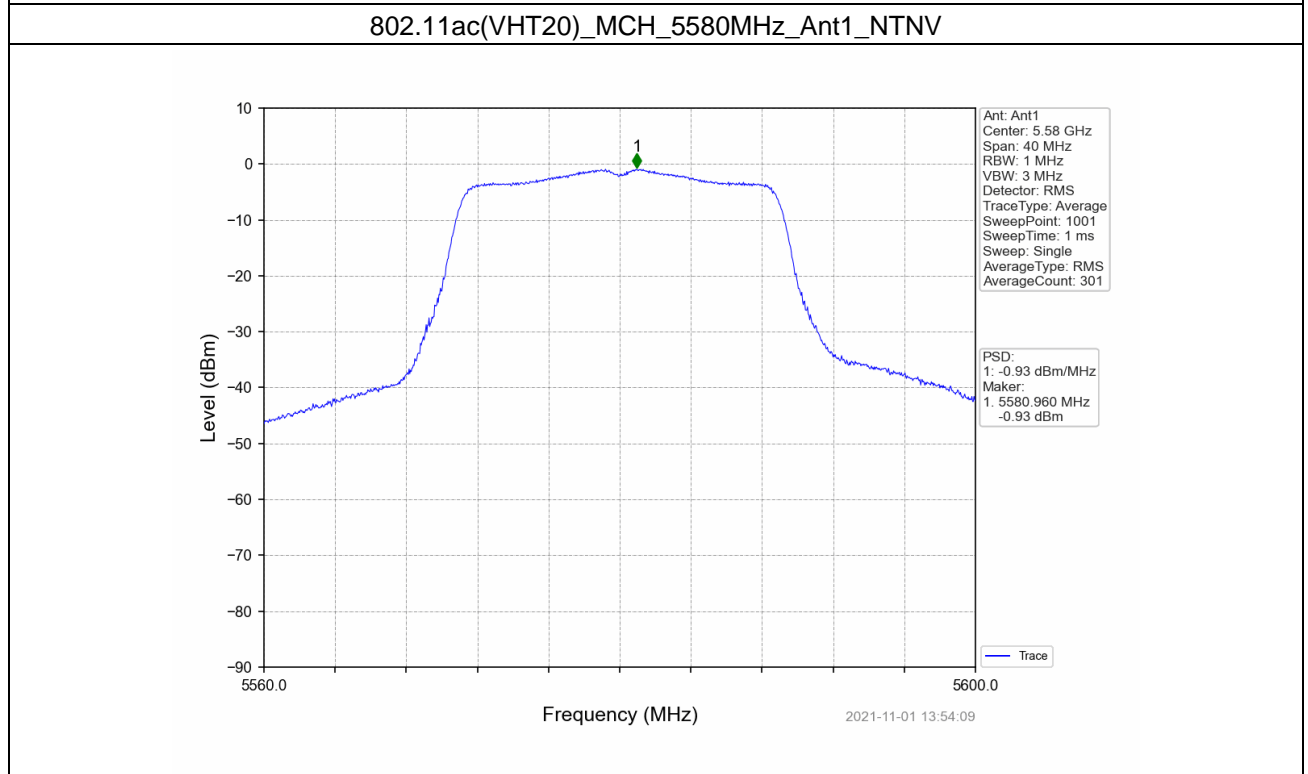
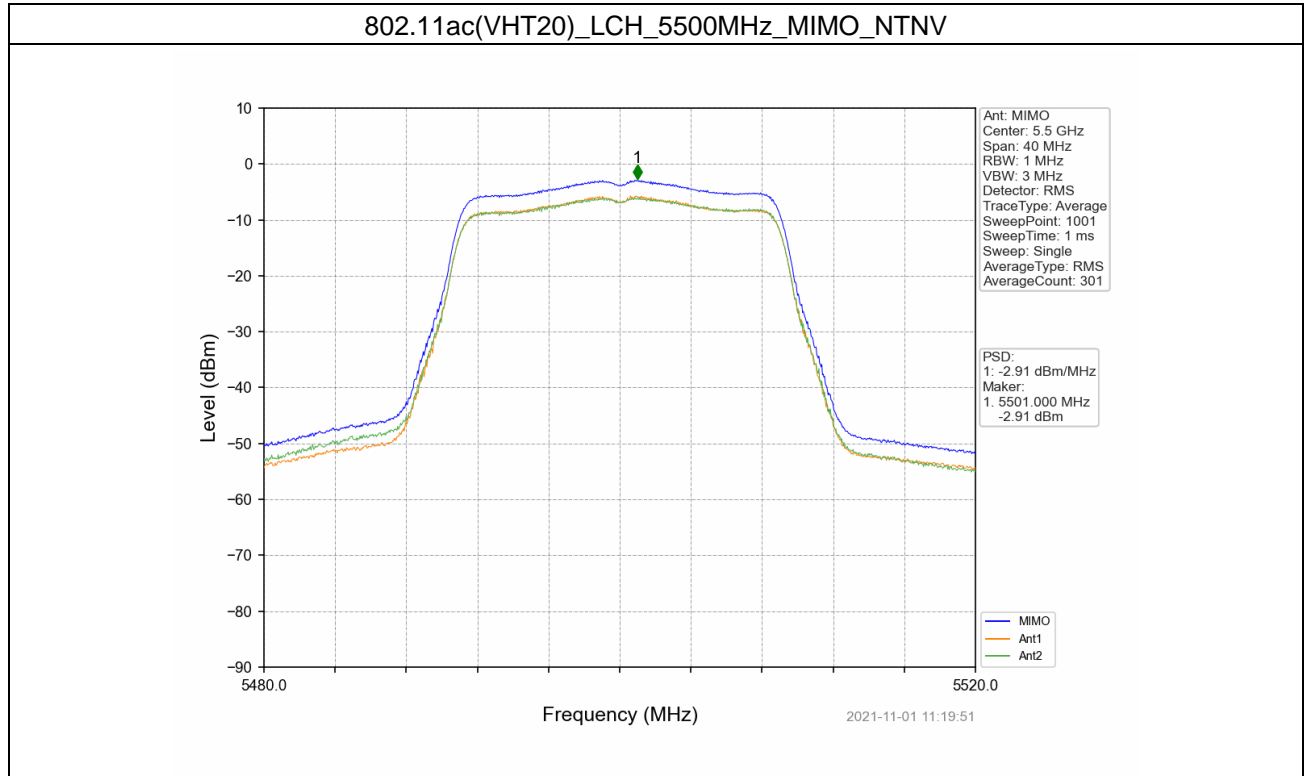


802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



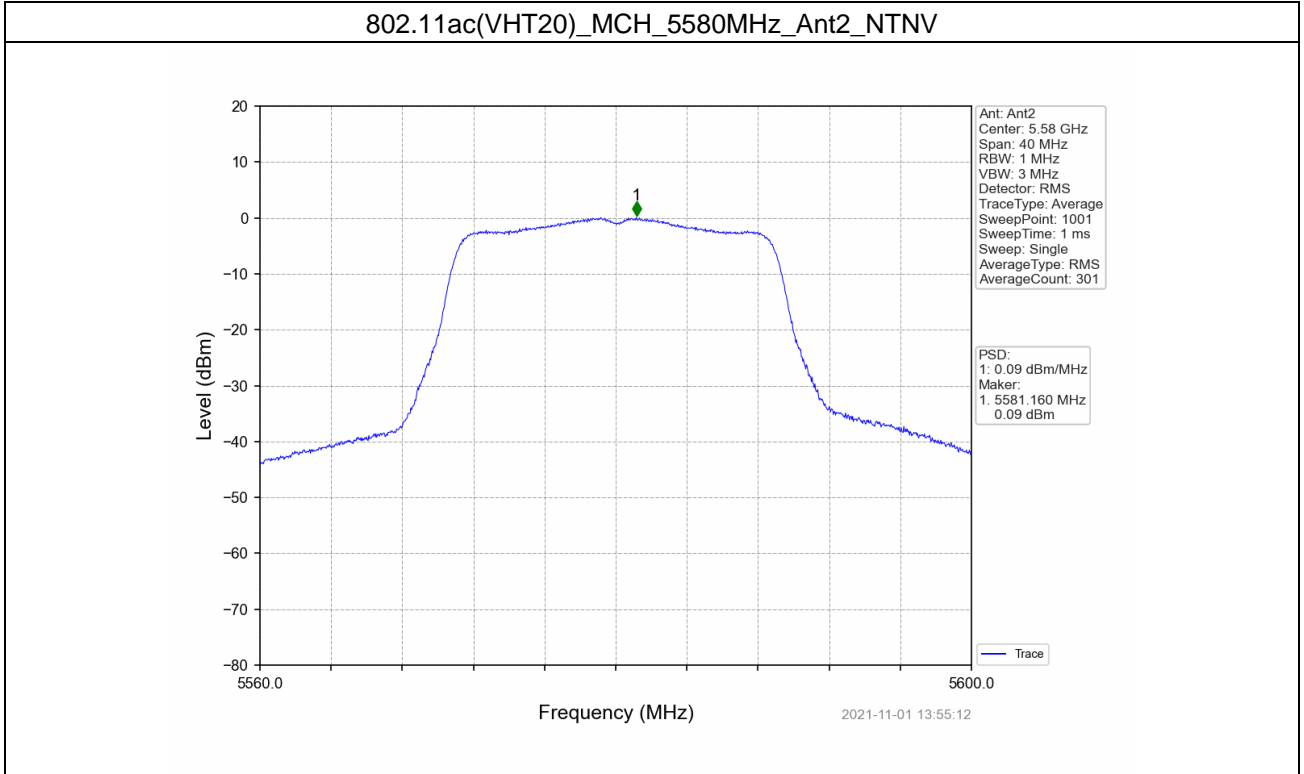
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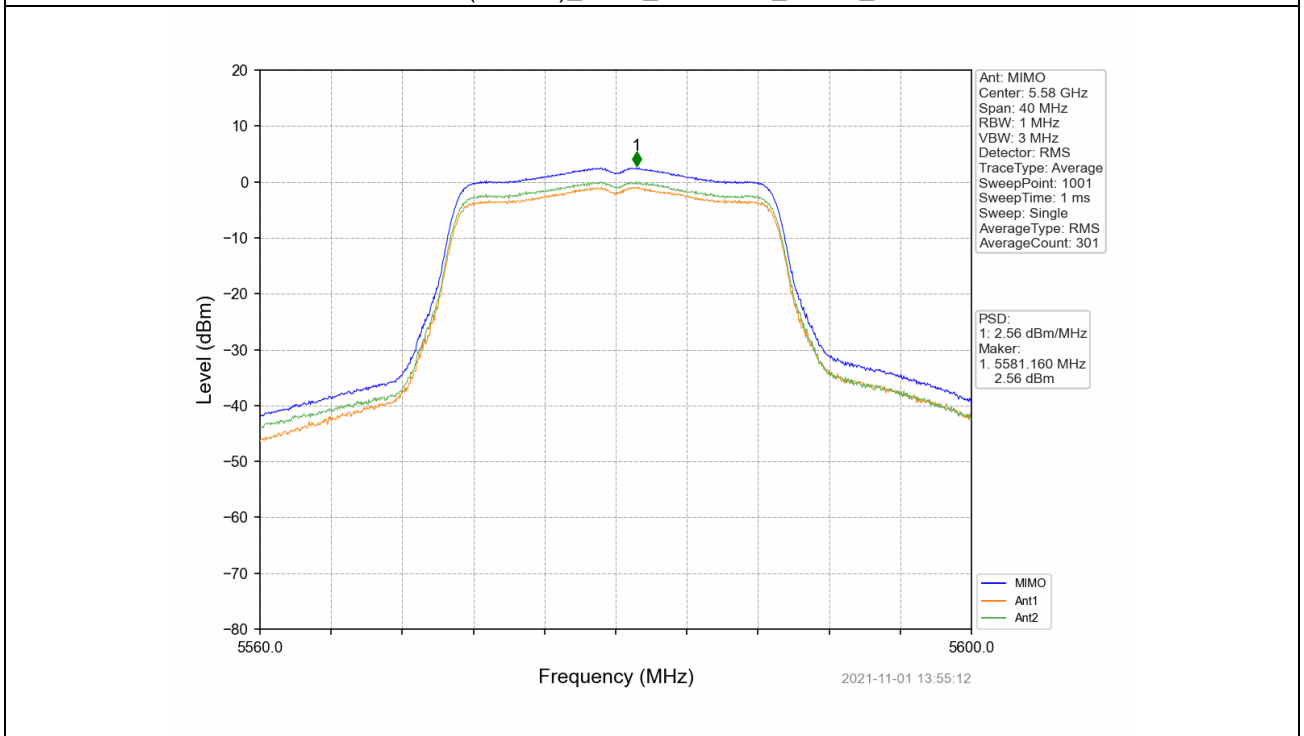


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802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV

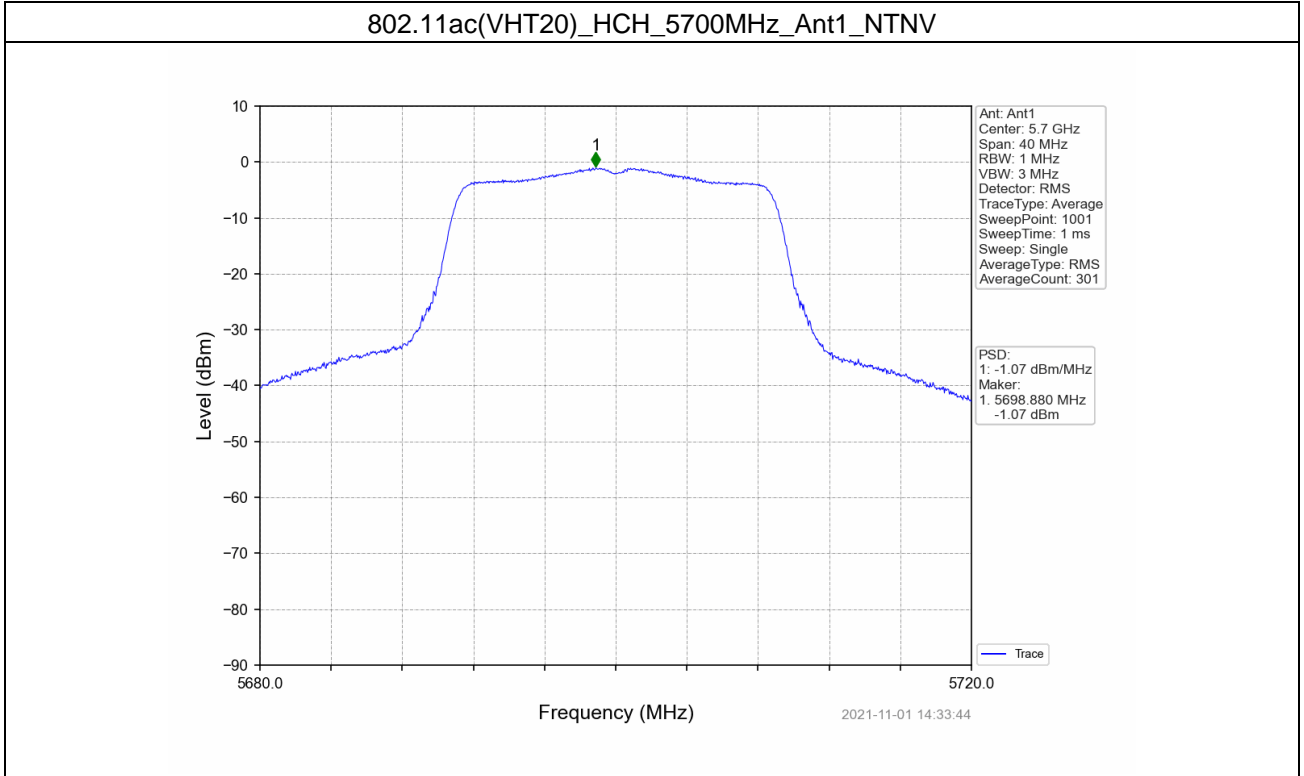


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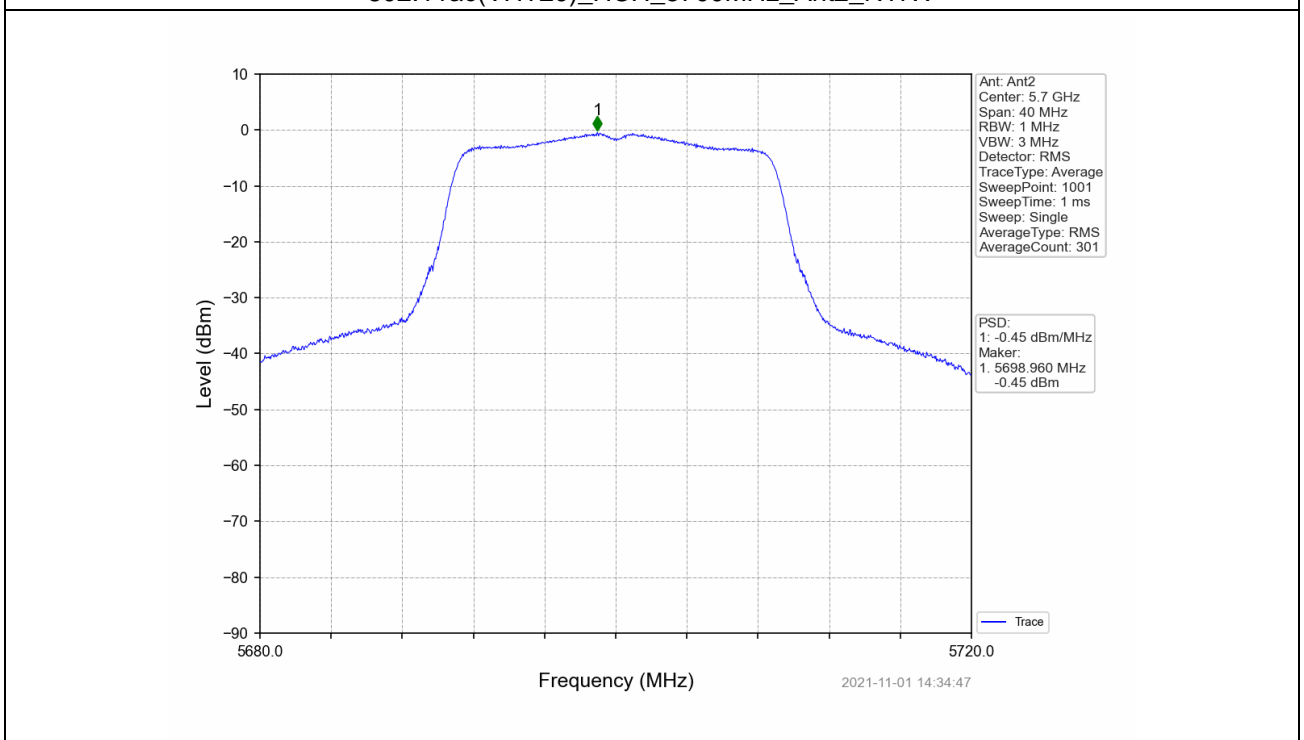
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802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



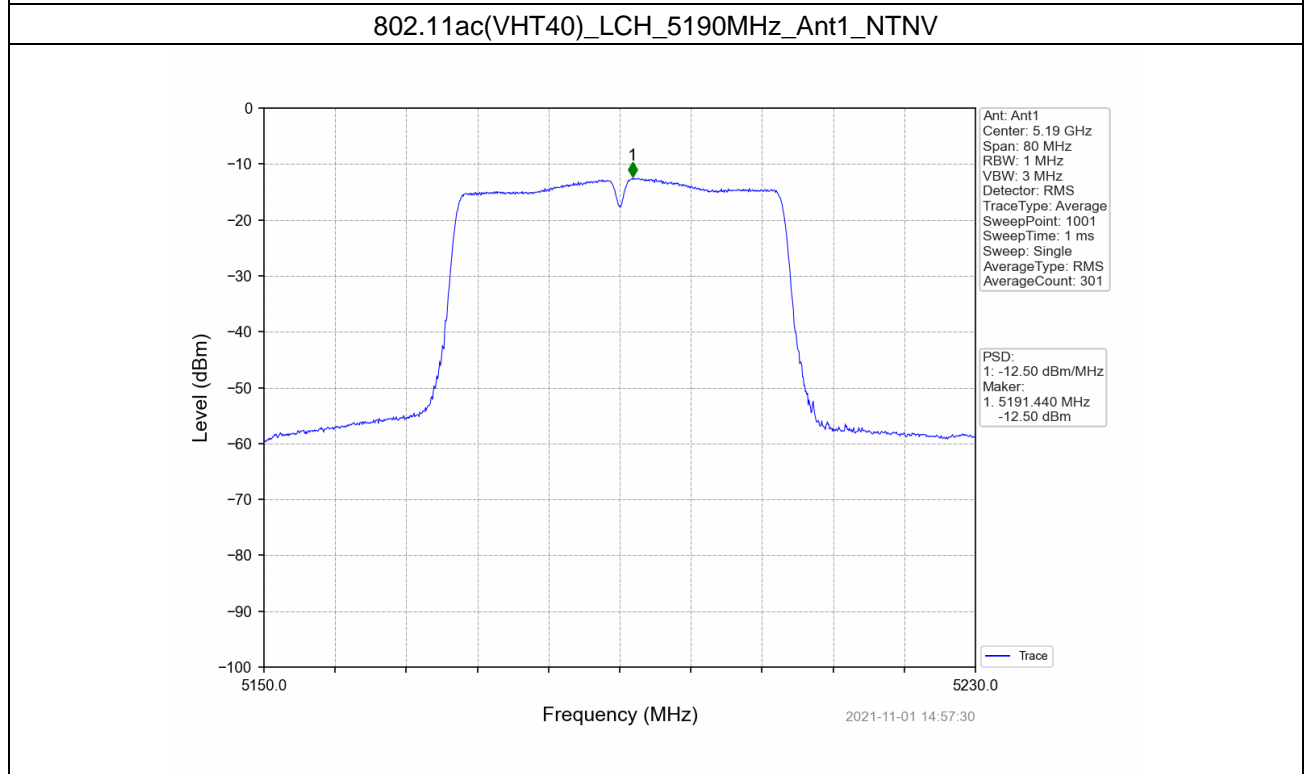
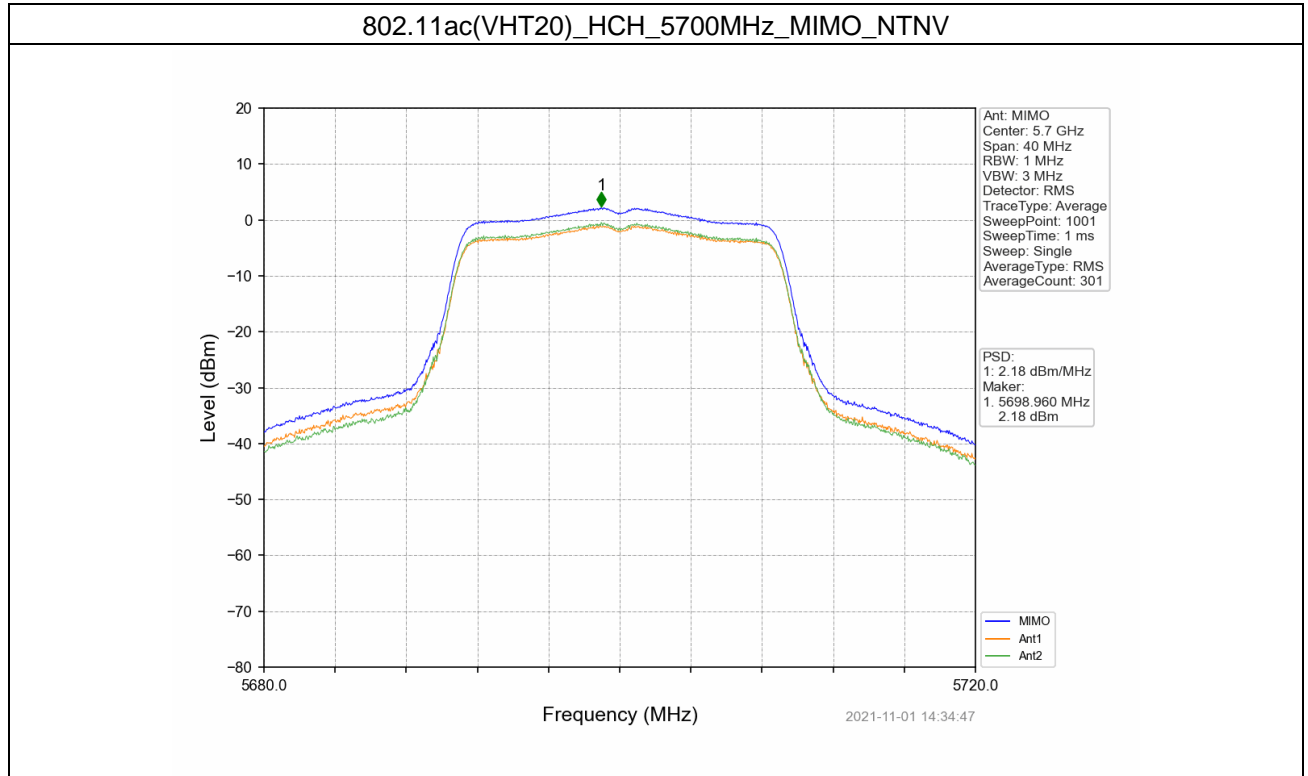
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



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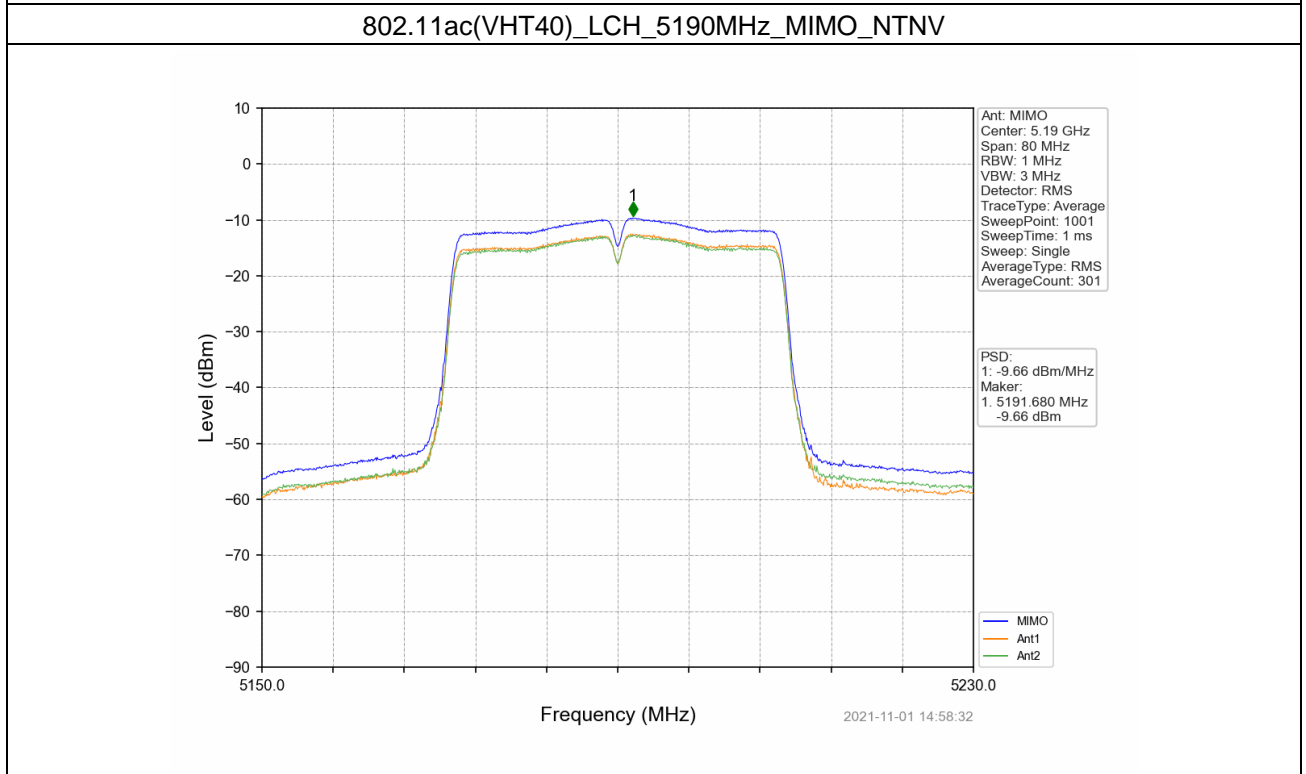
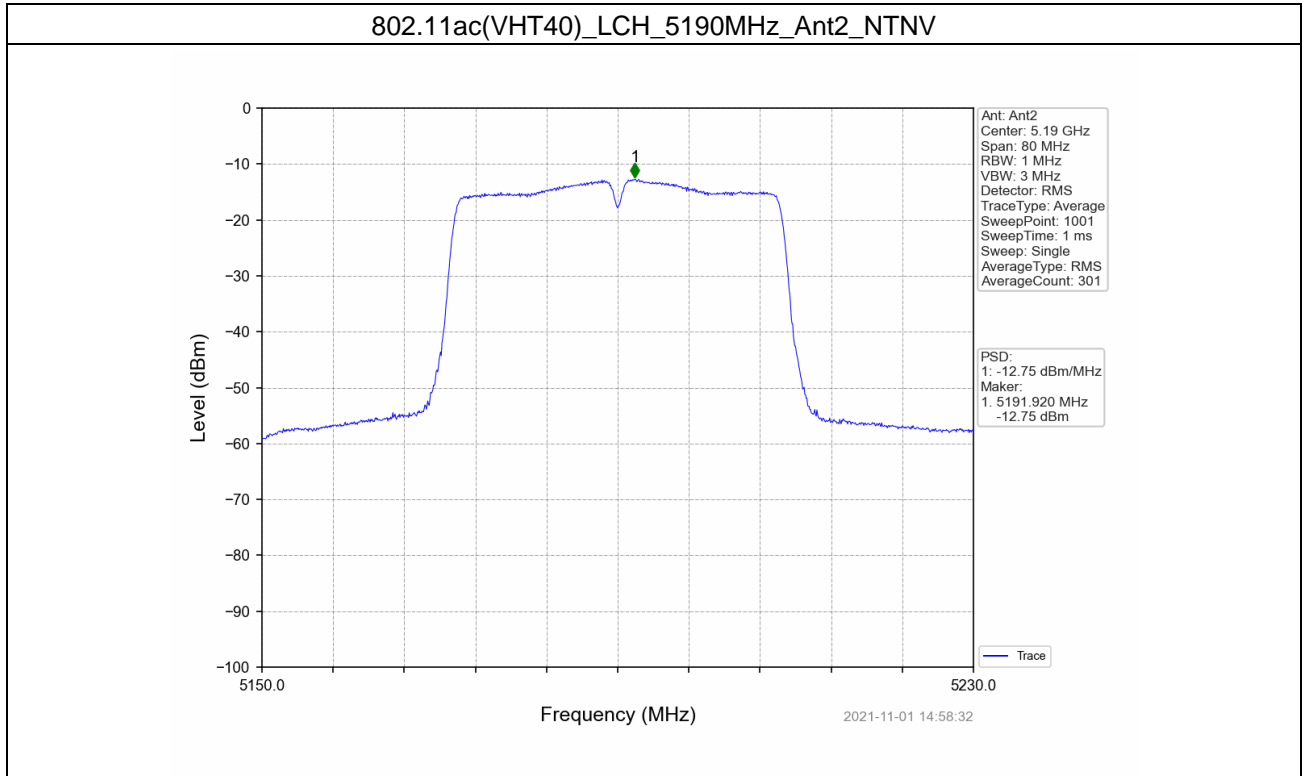
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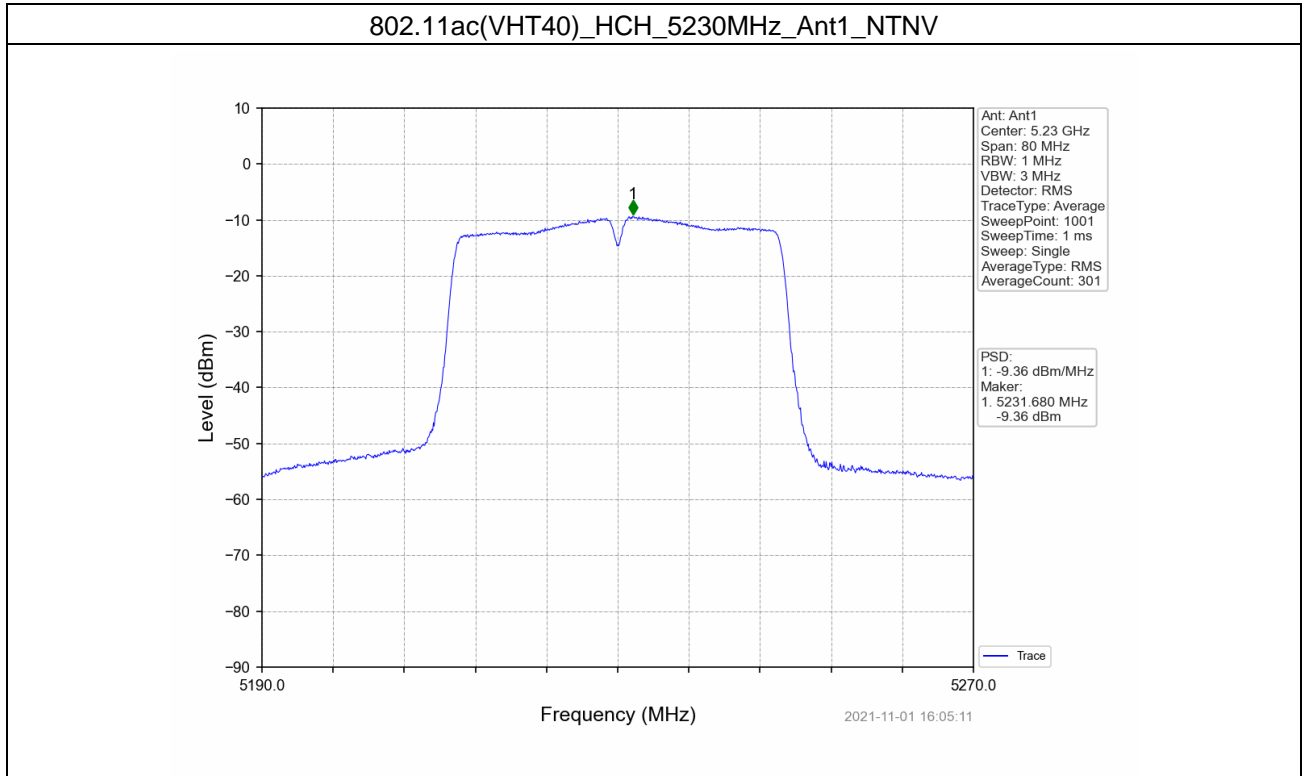


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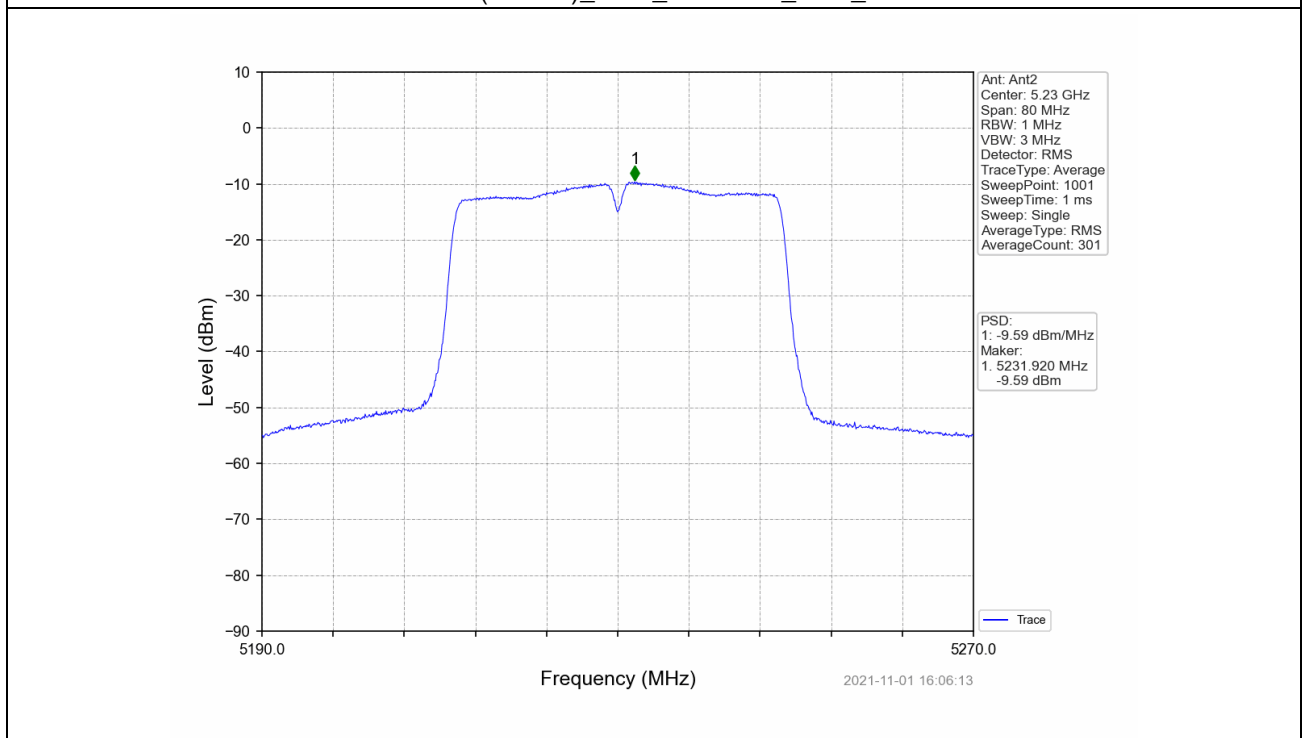
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



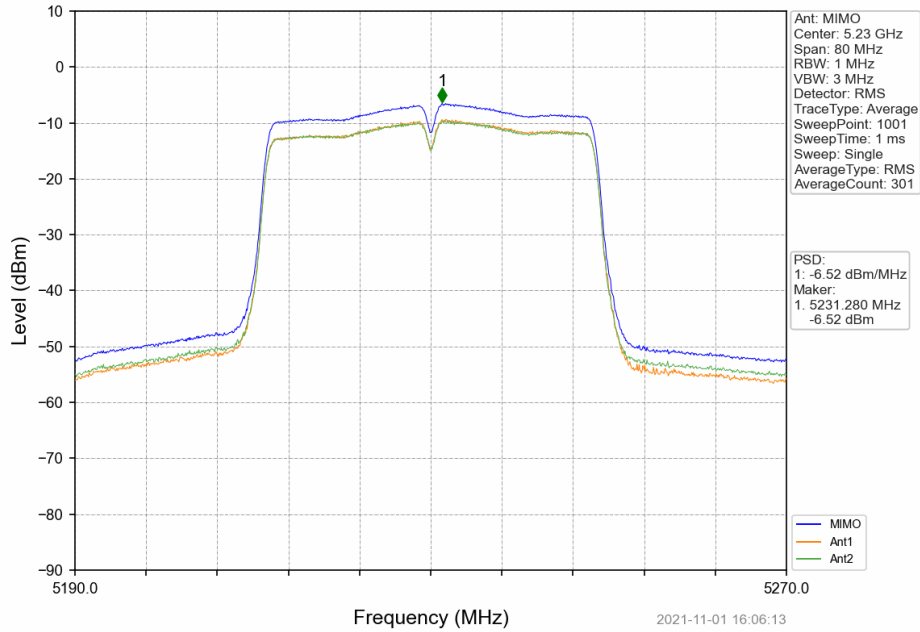
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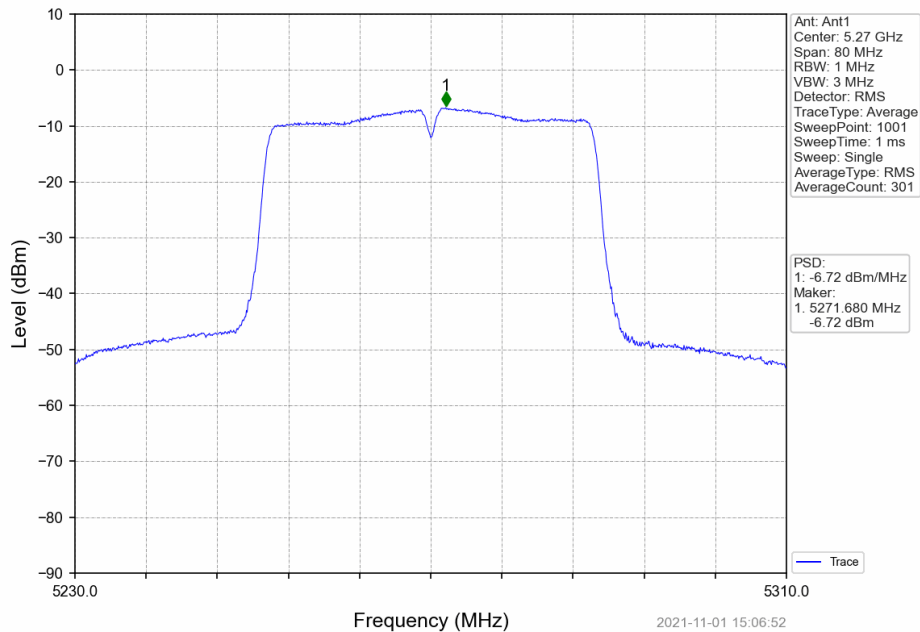
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802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



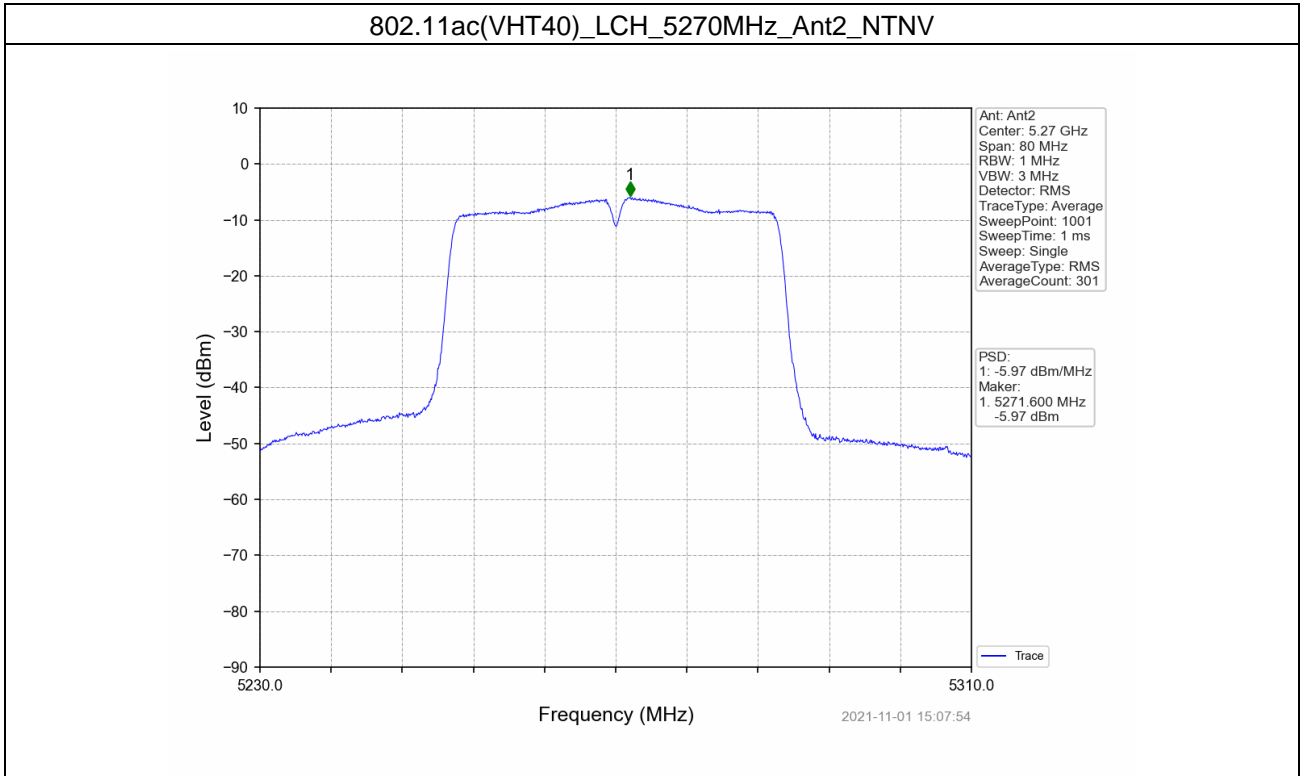
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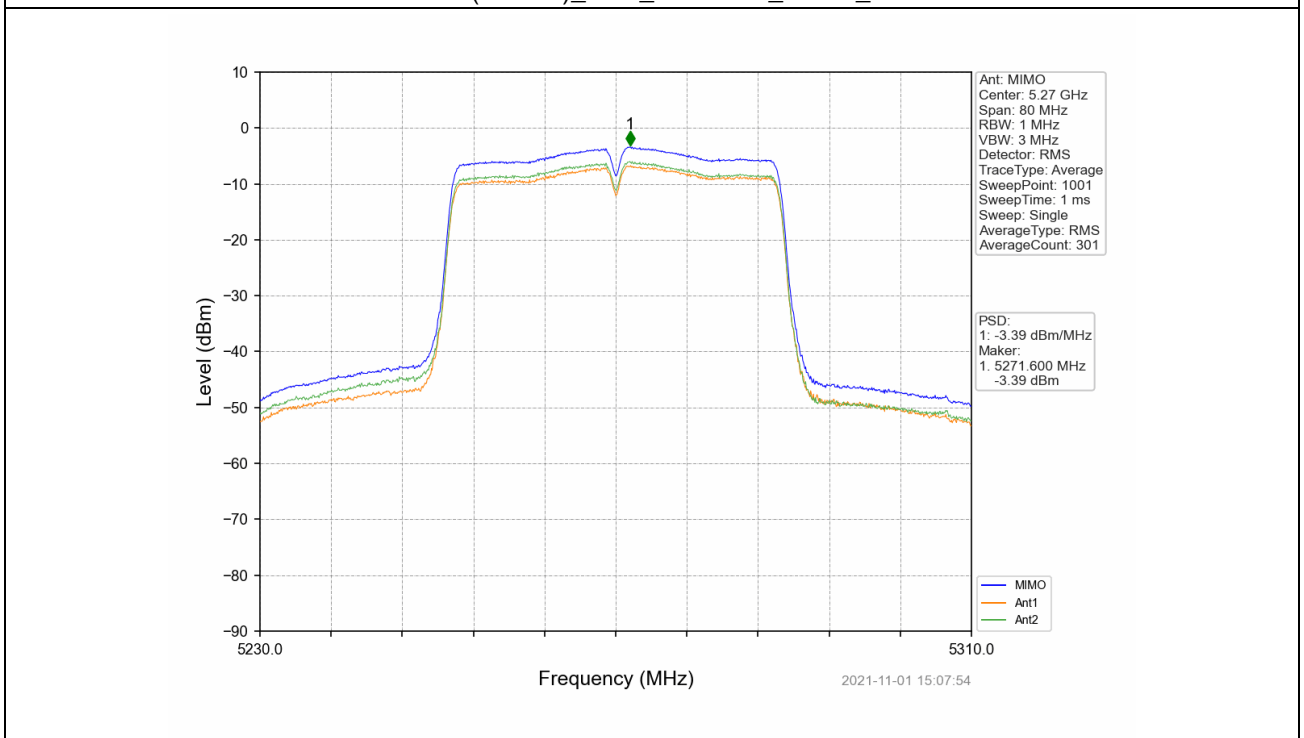
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802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5270MHz_MIMO_NTNV



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