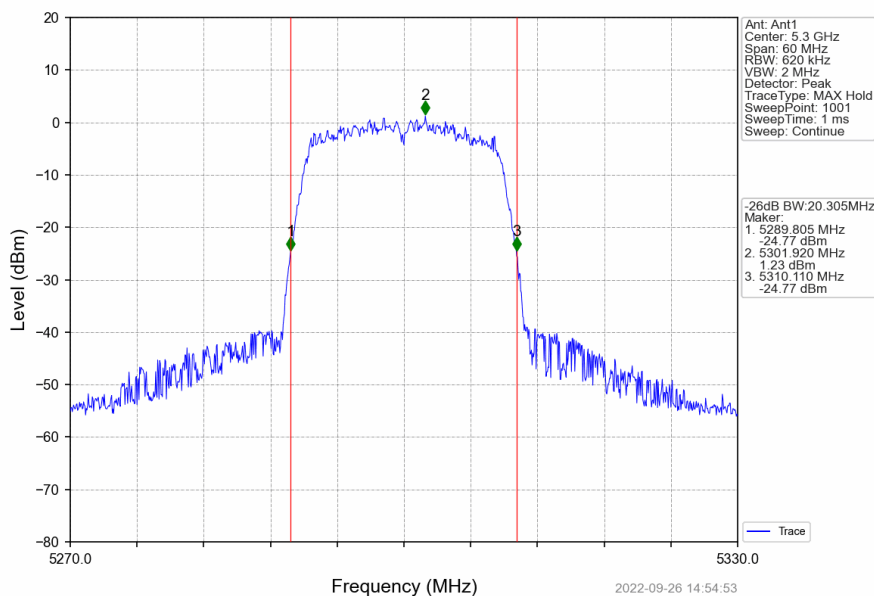
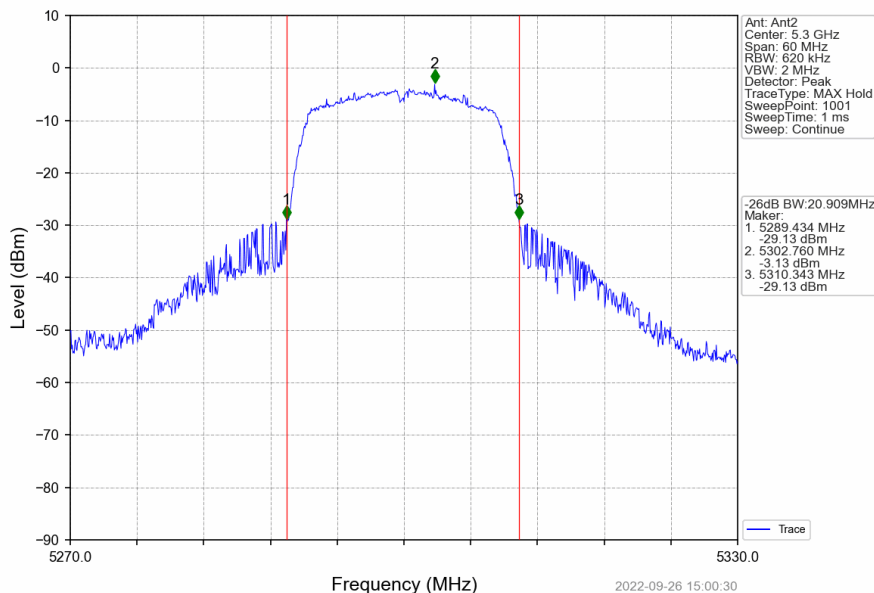


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



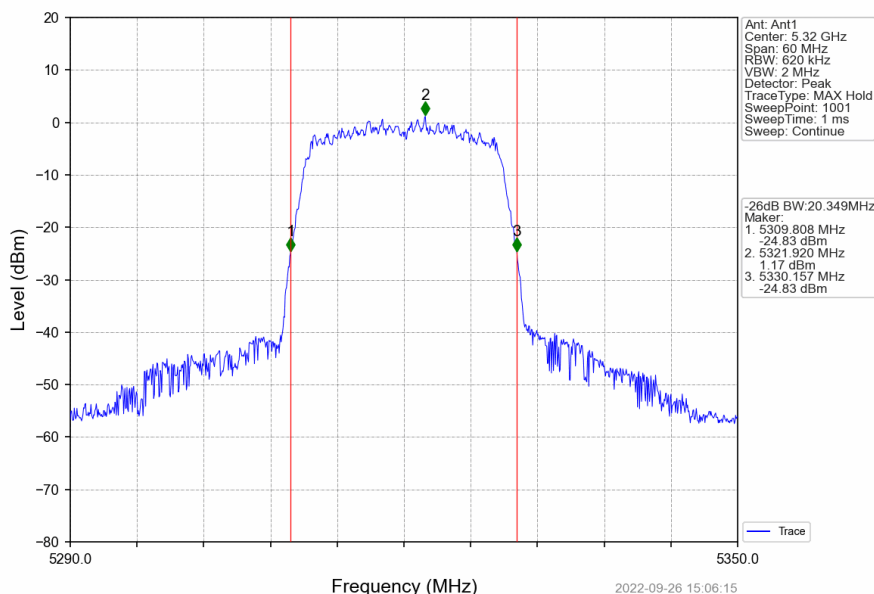
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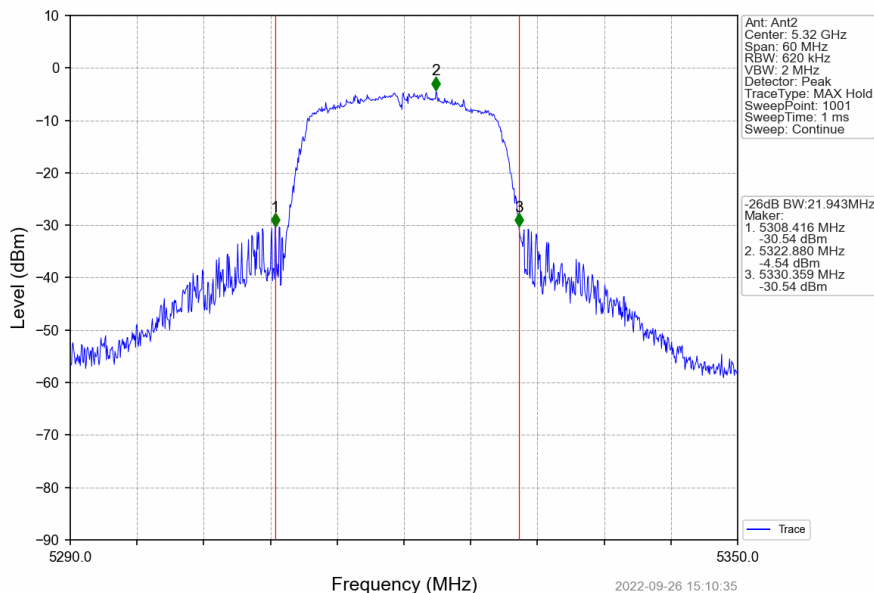
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



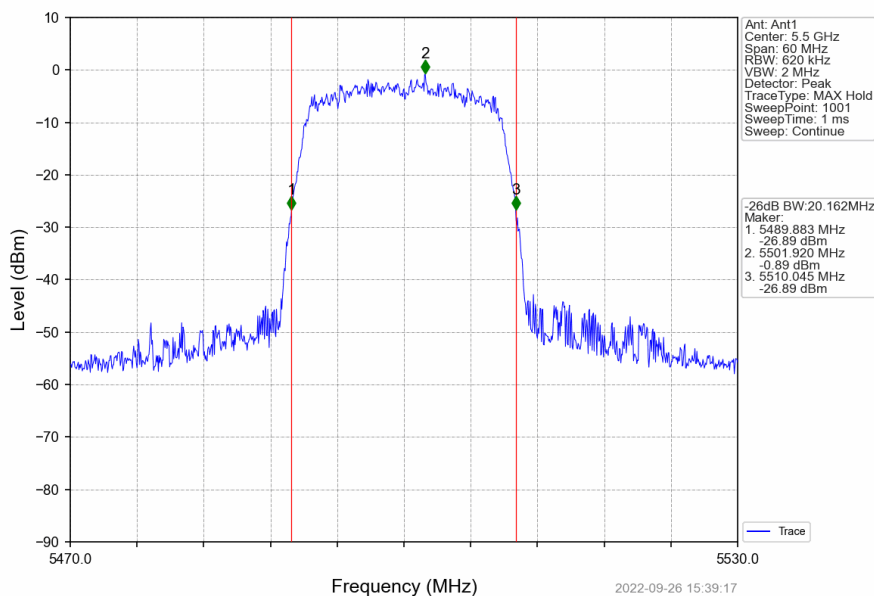
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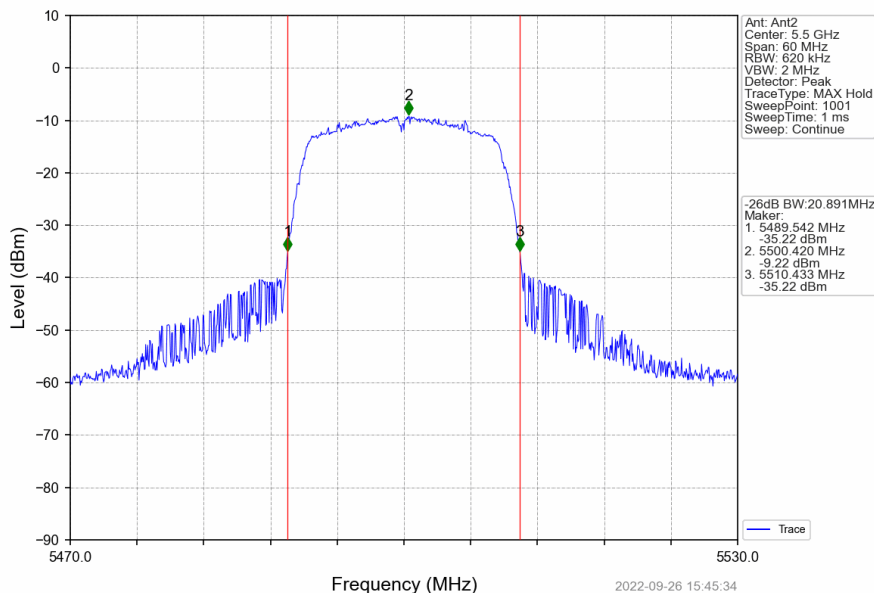
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant2_NTNV

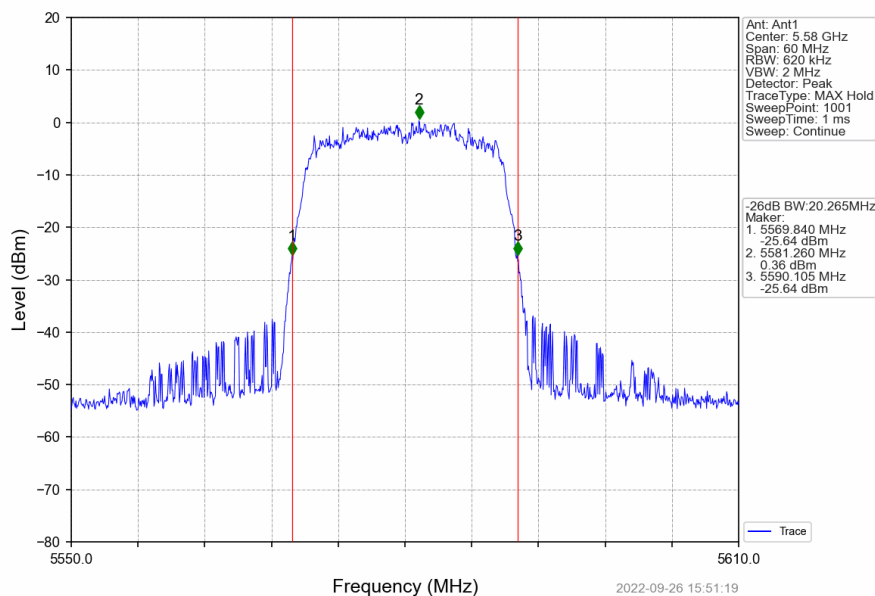


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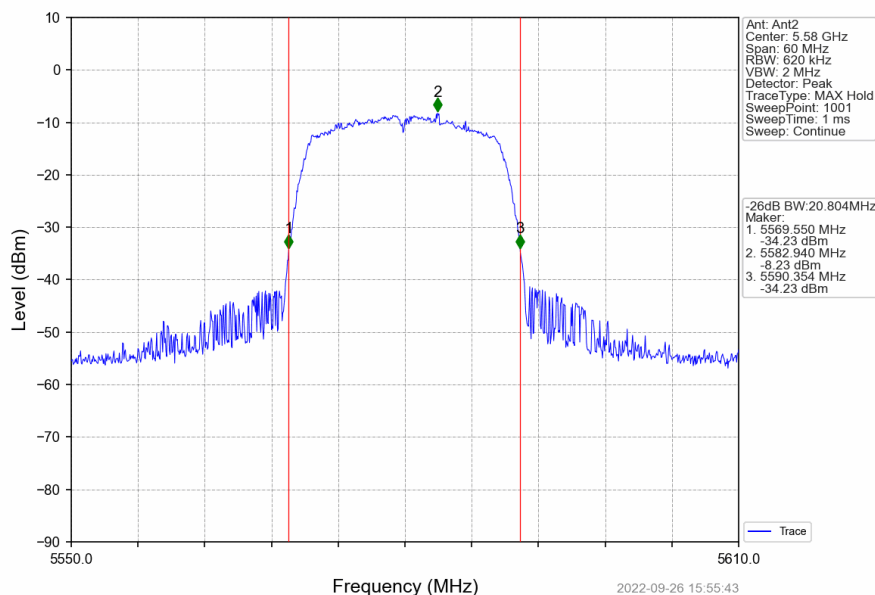
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



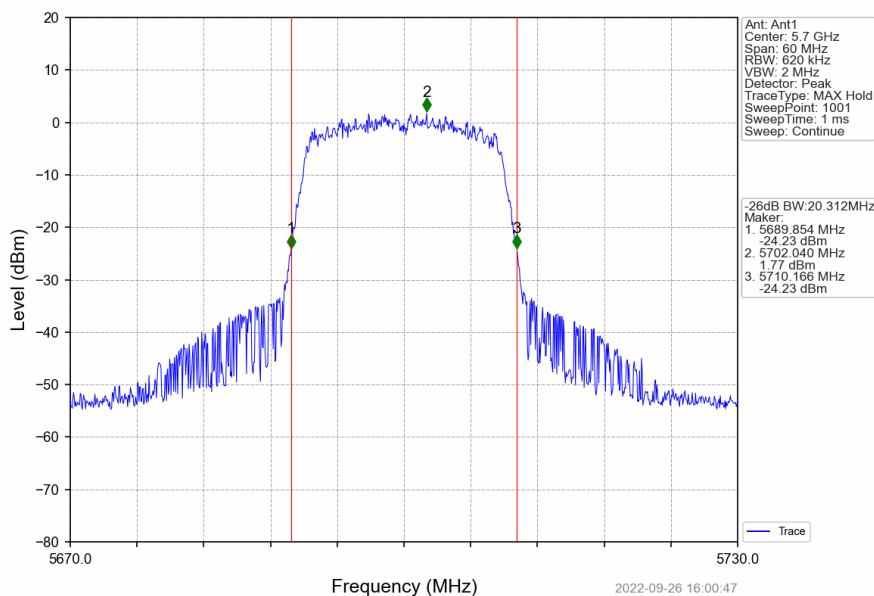
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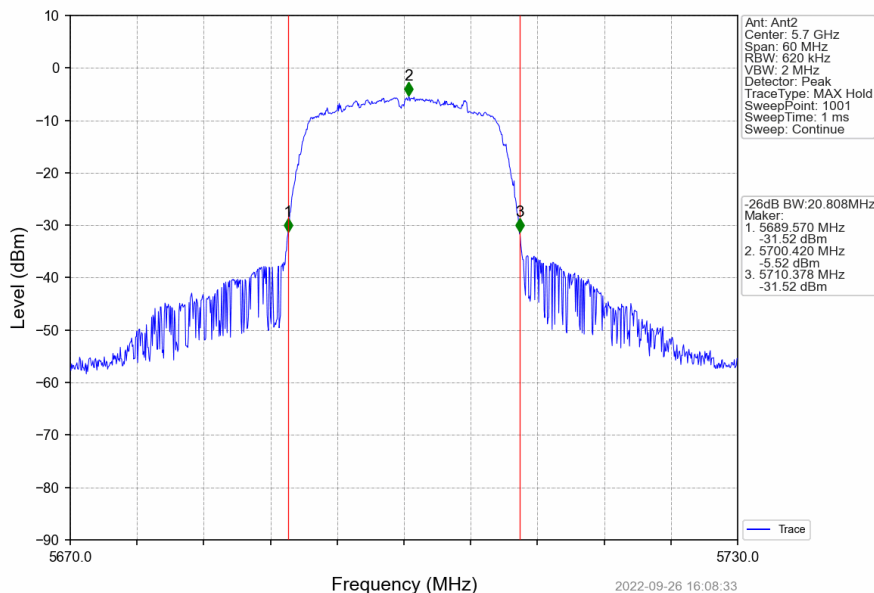
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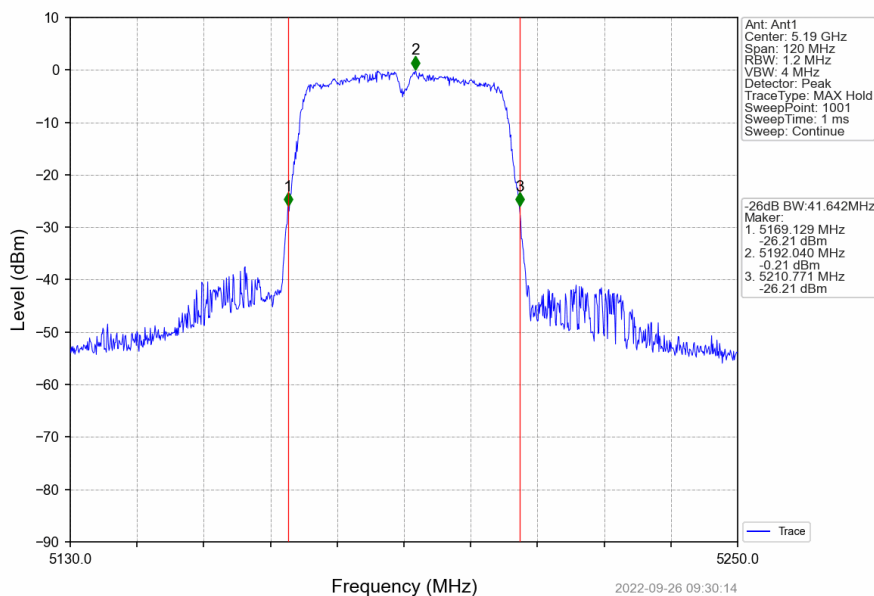
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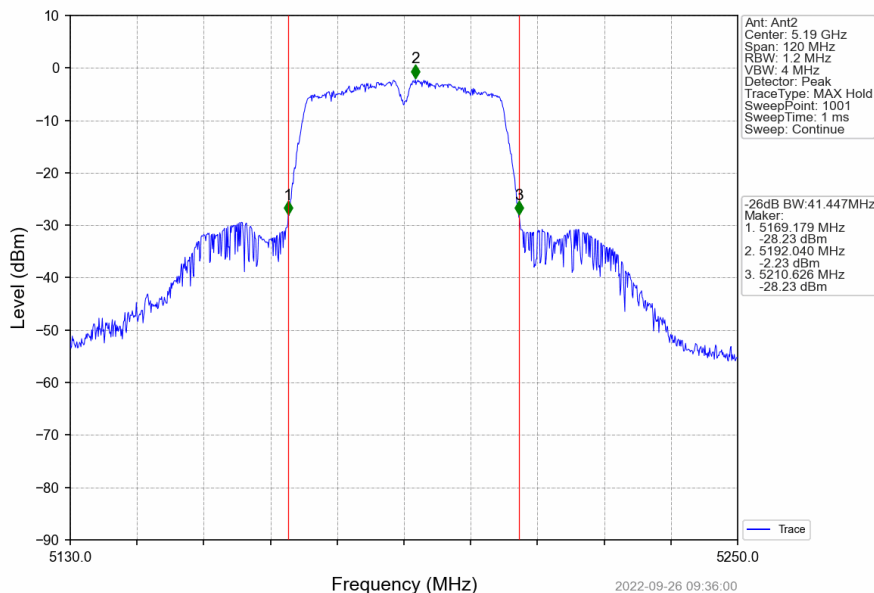
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



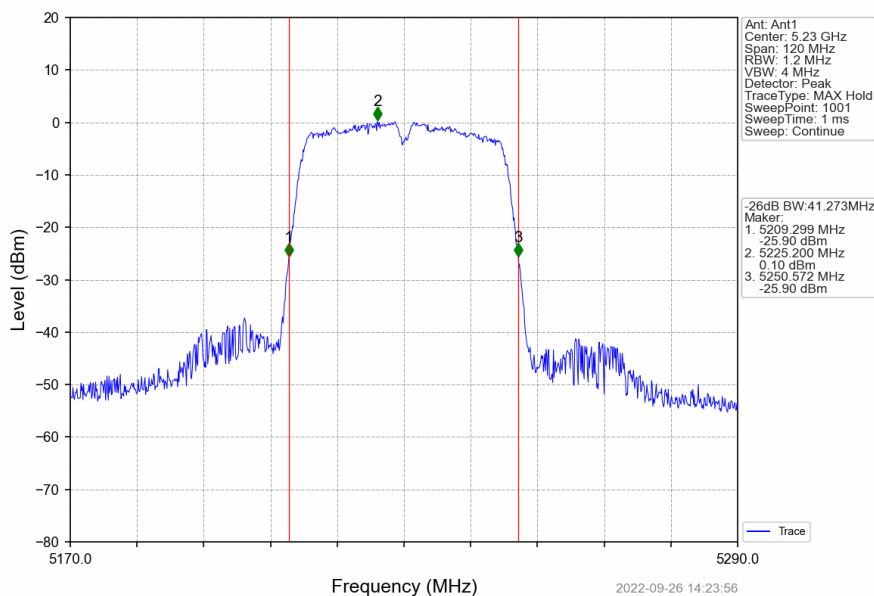
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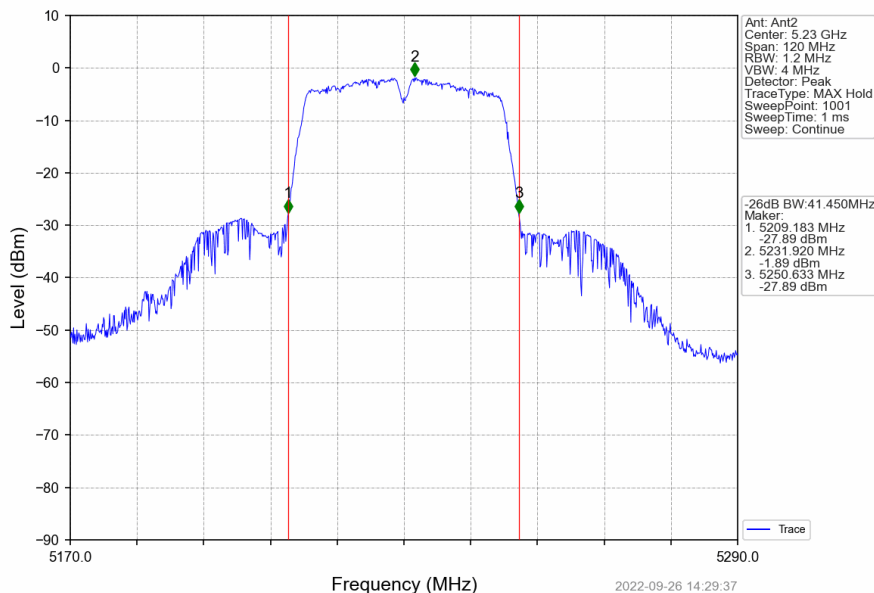
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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



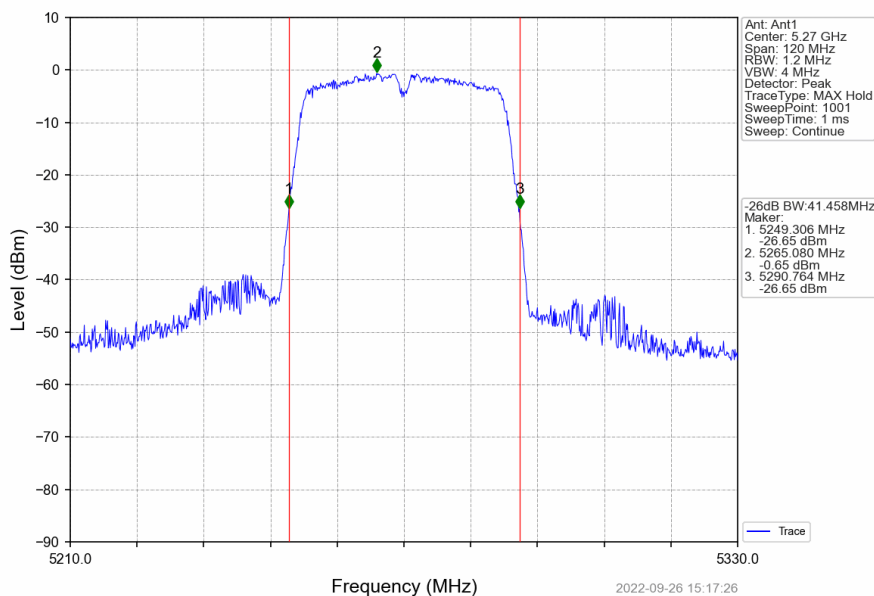
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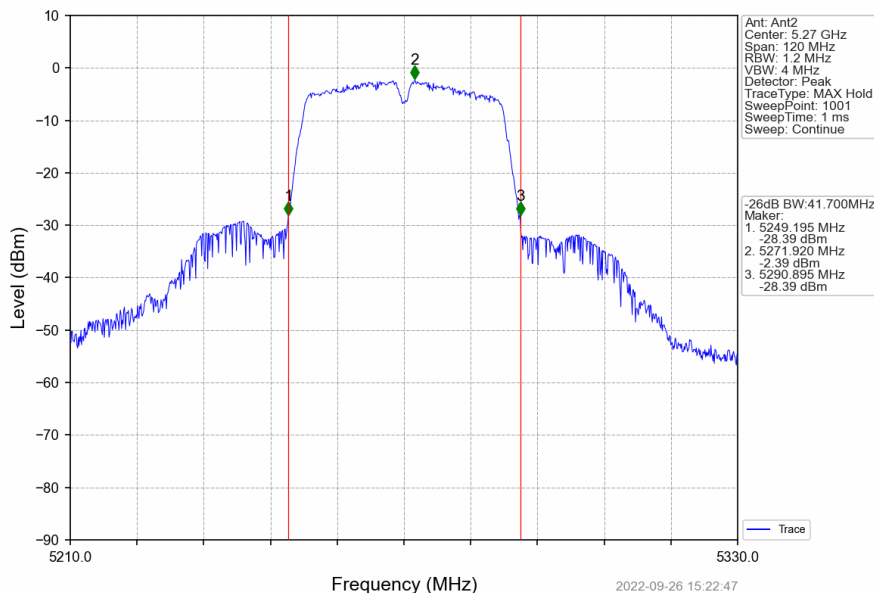
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant2_NTNV

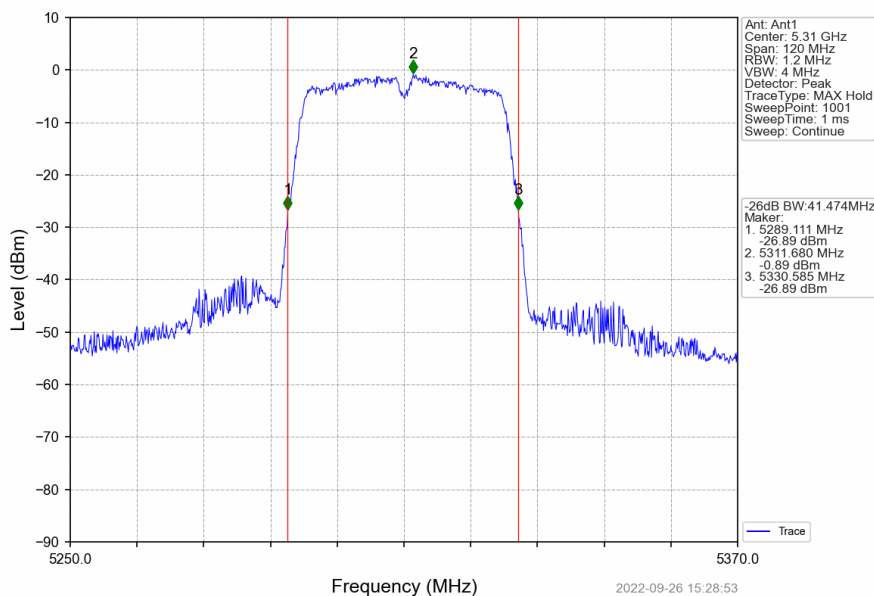


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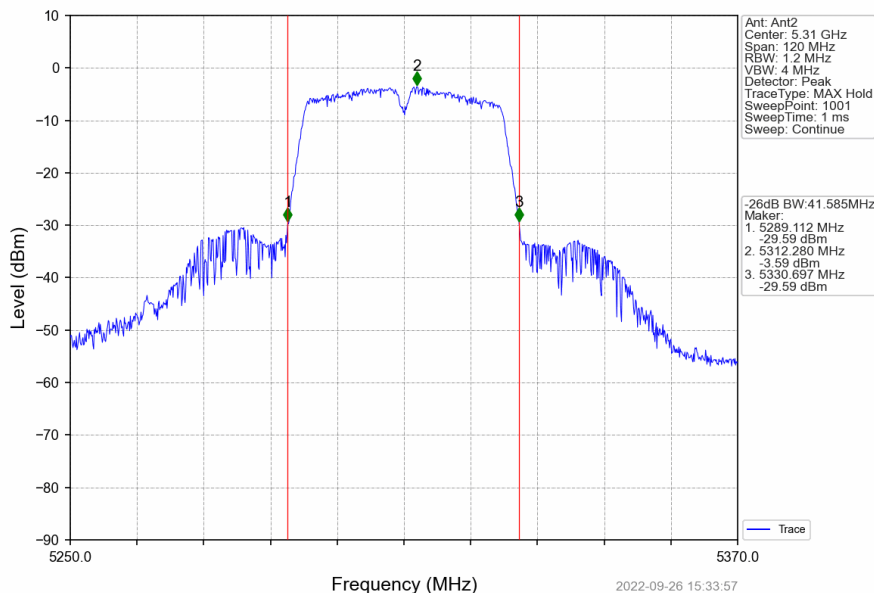
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802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



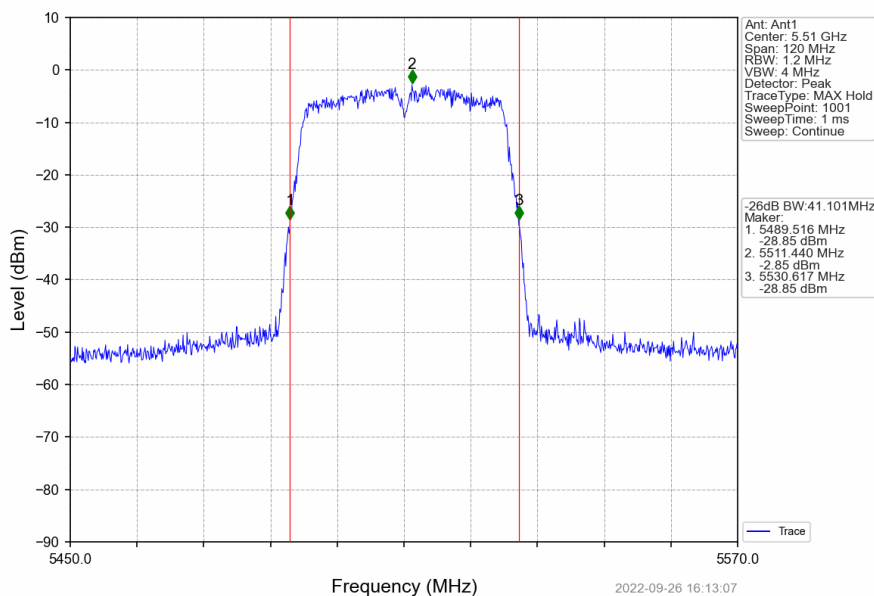
802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



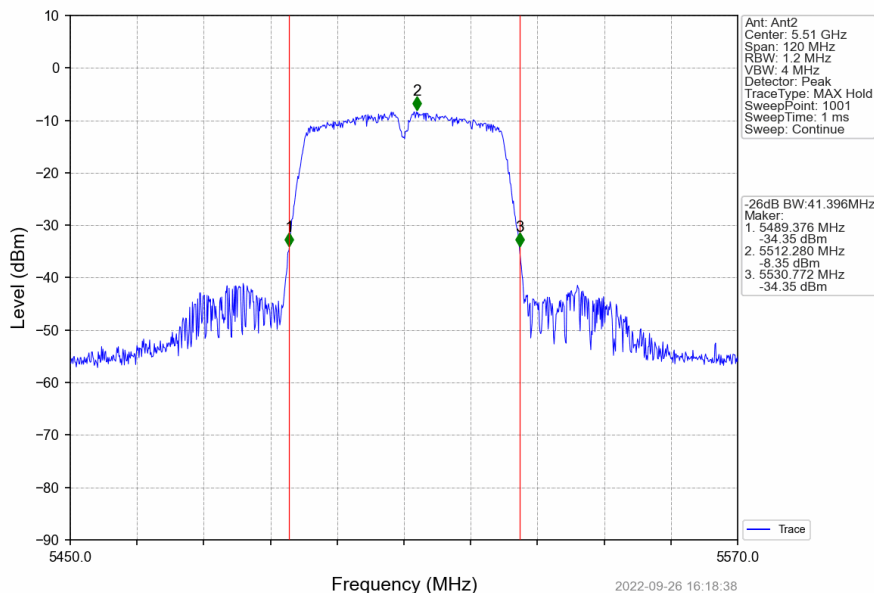
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



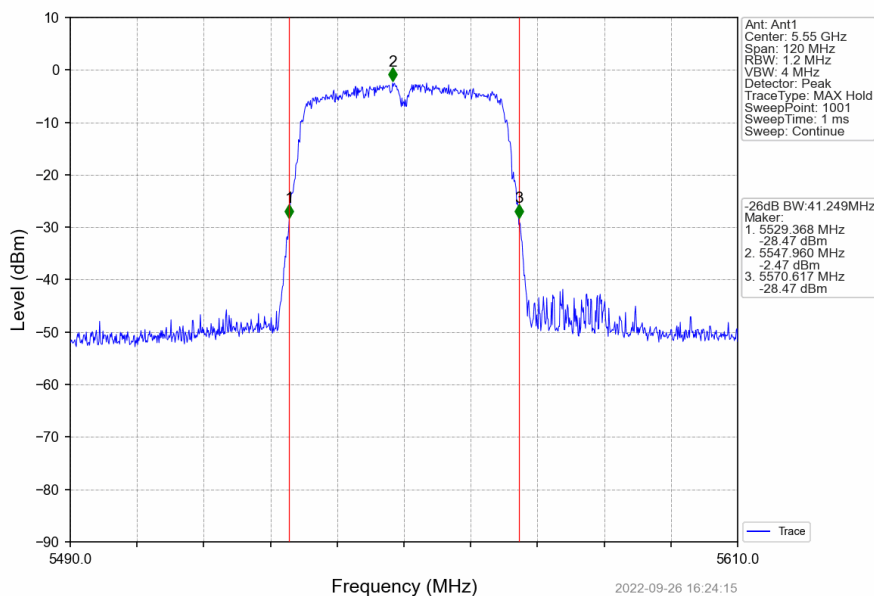
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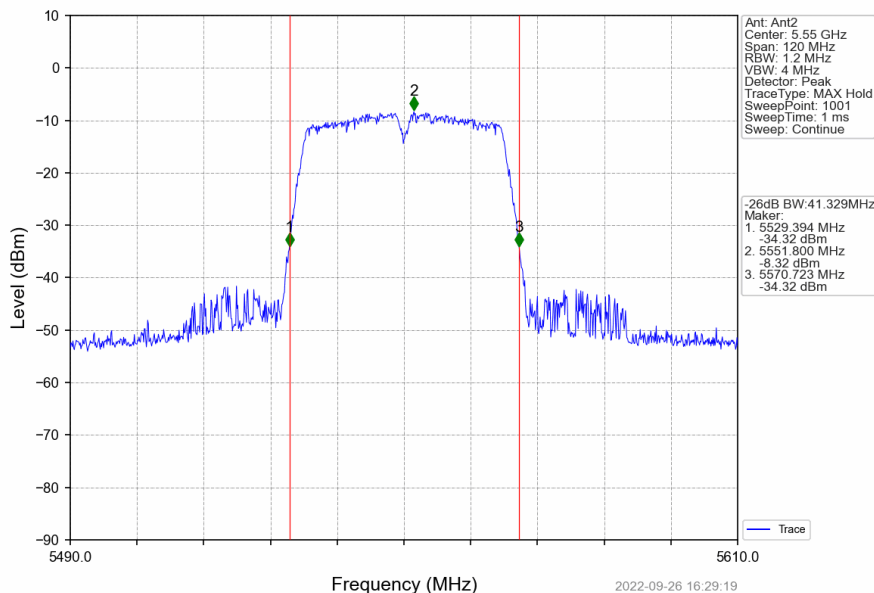
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802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



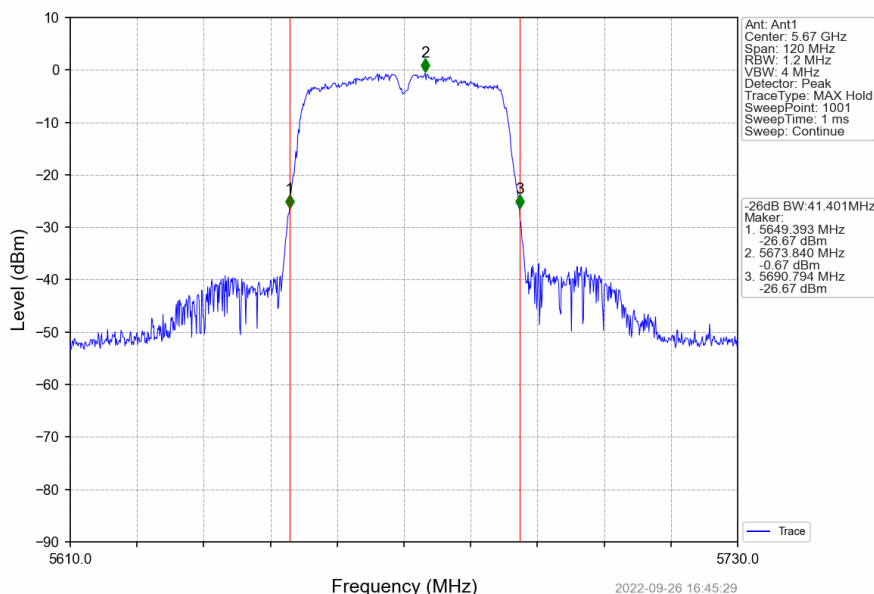
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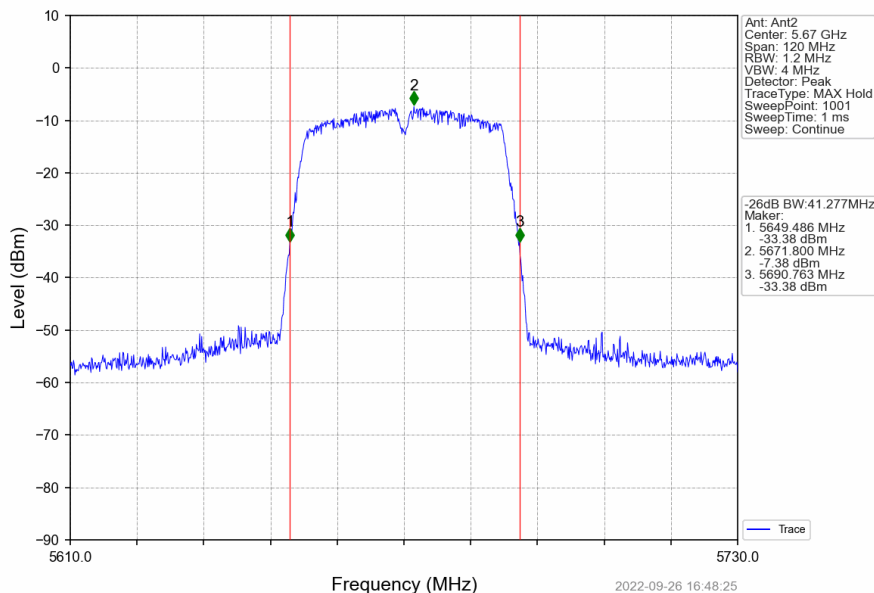
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



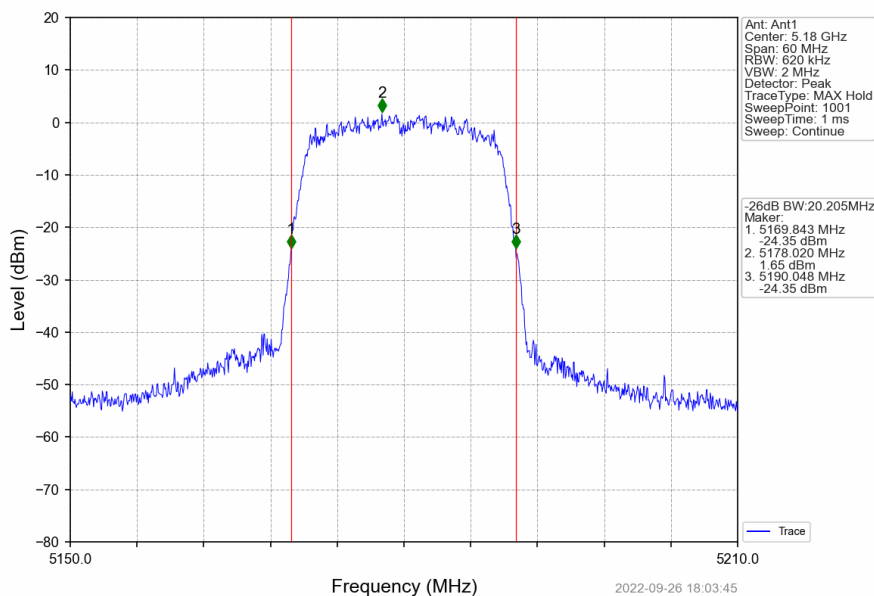
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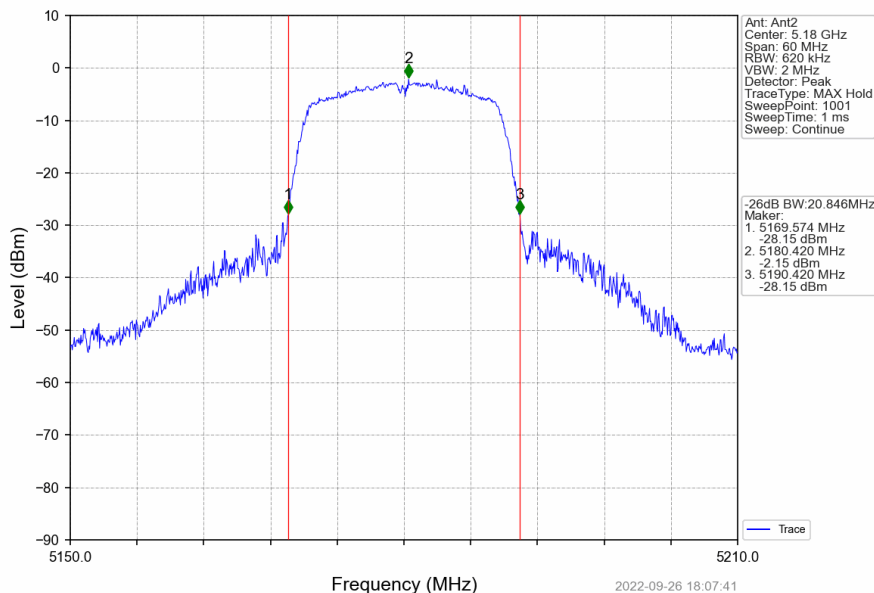
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



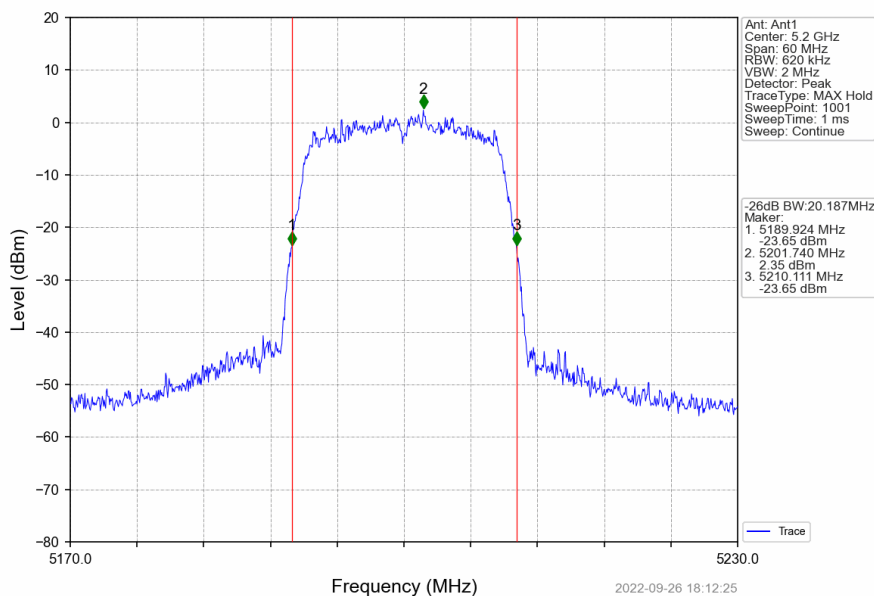
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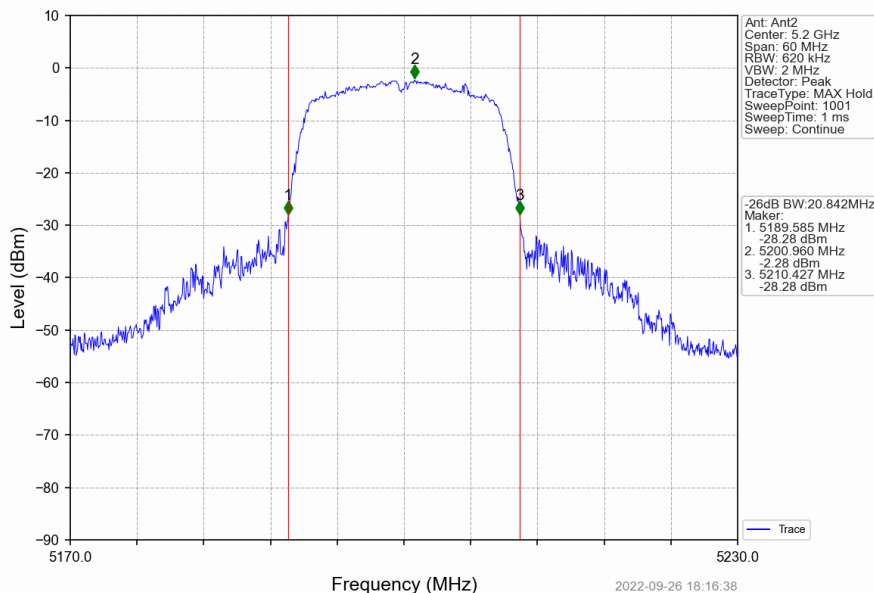
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



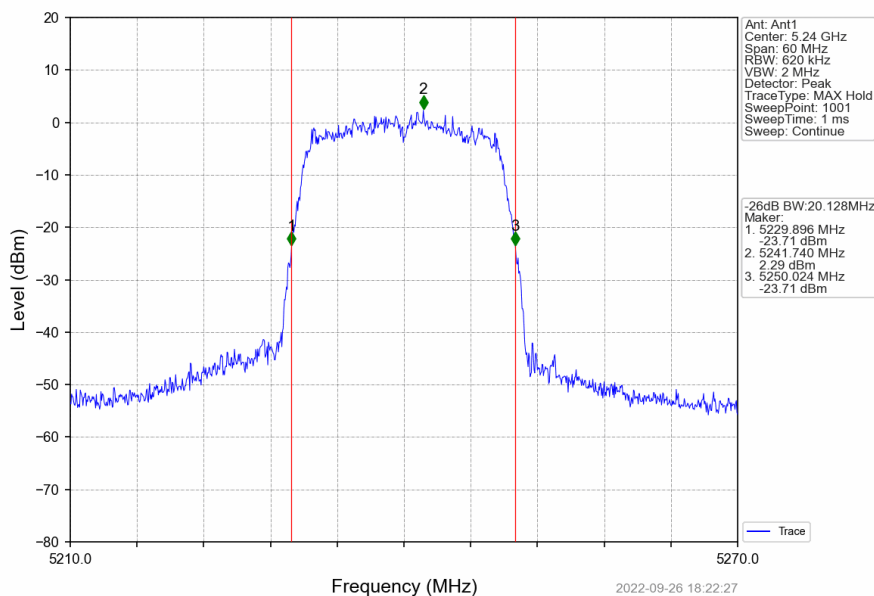
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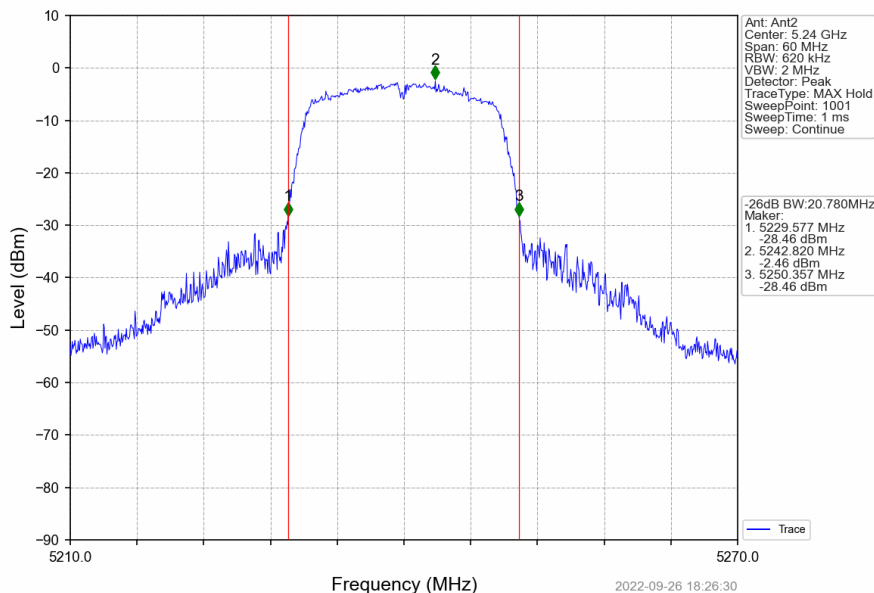
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



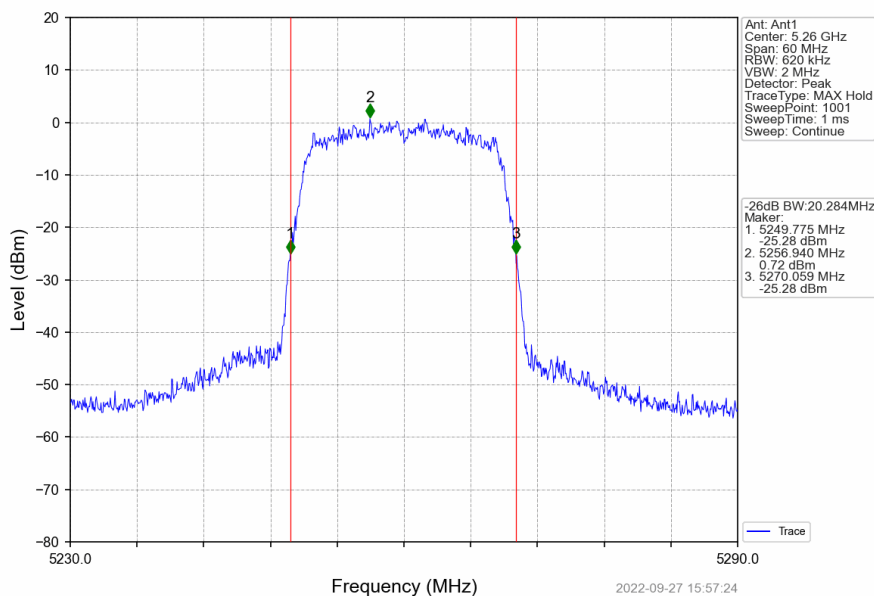
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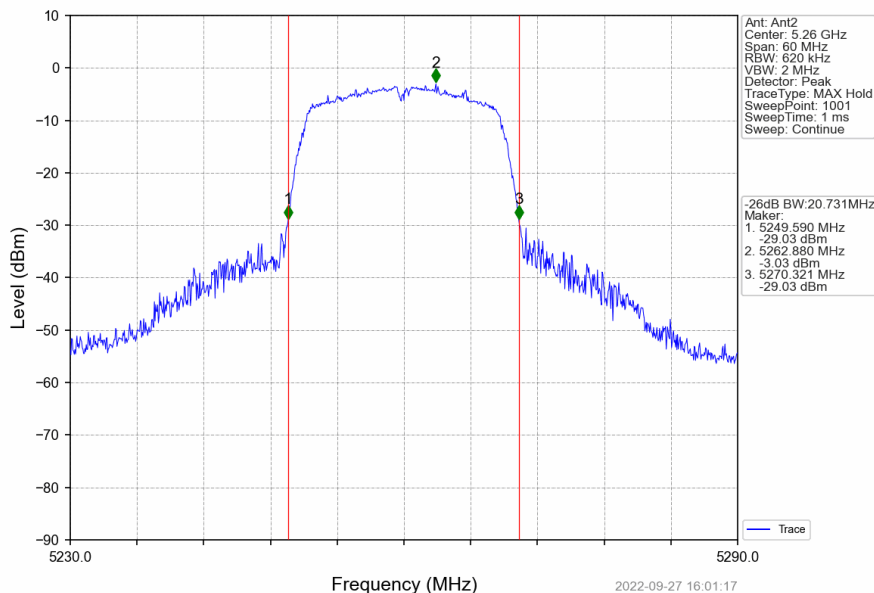
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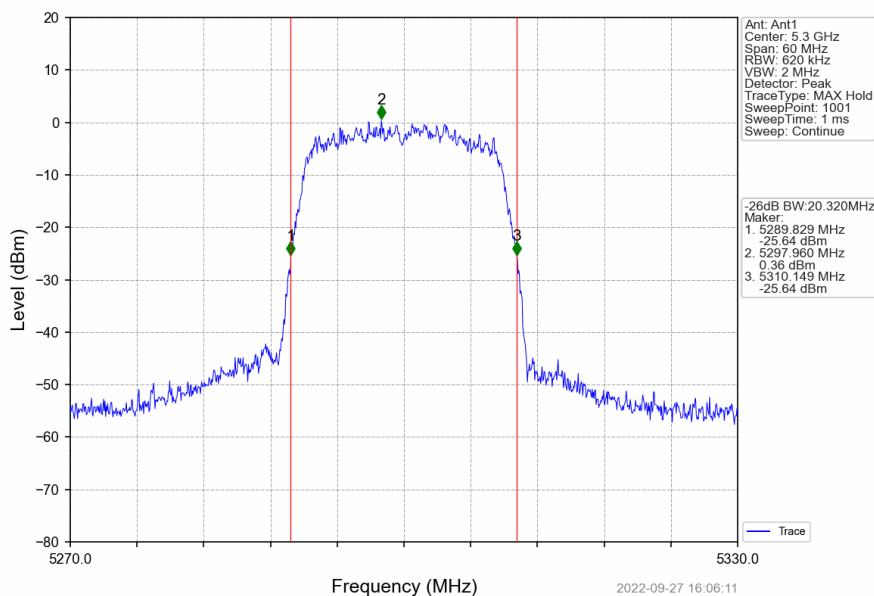
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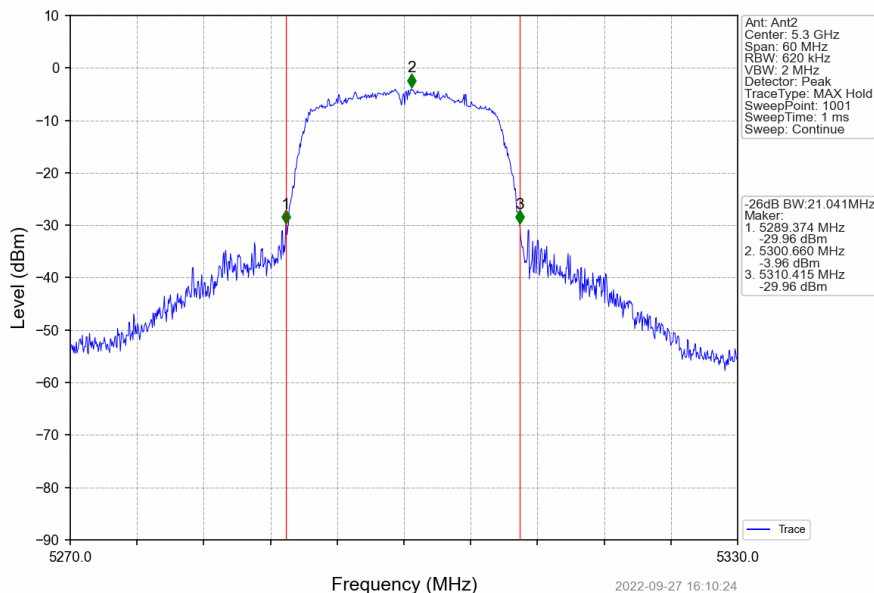
802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



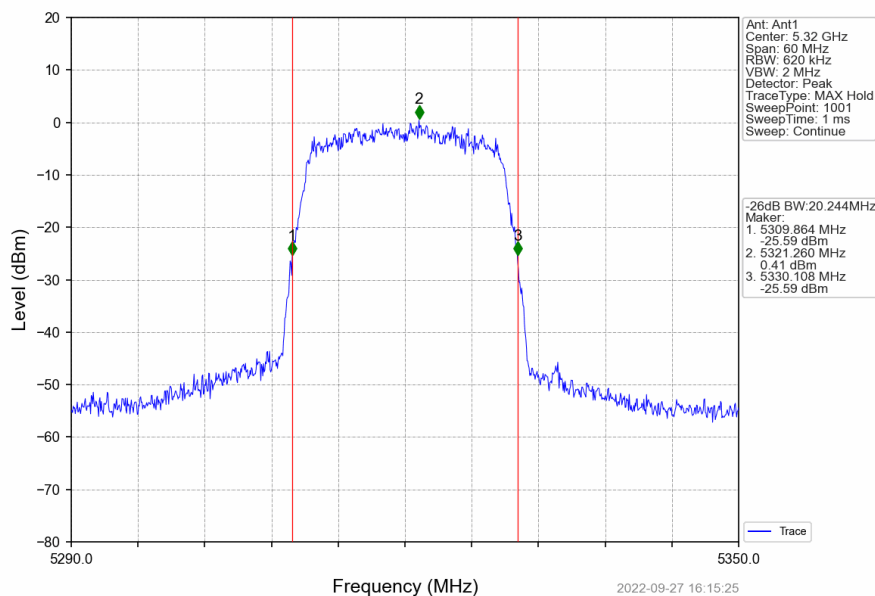
802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



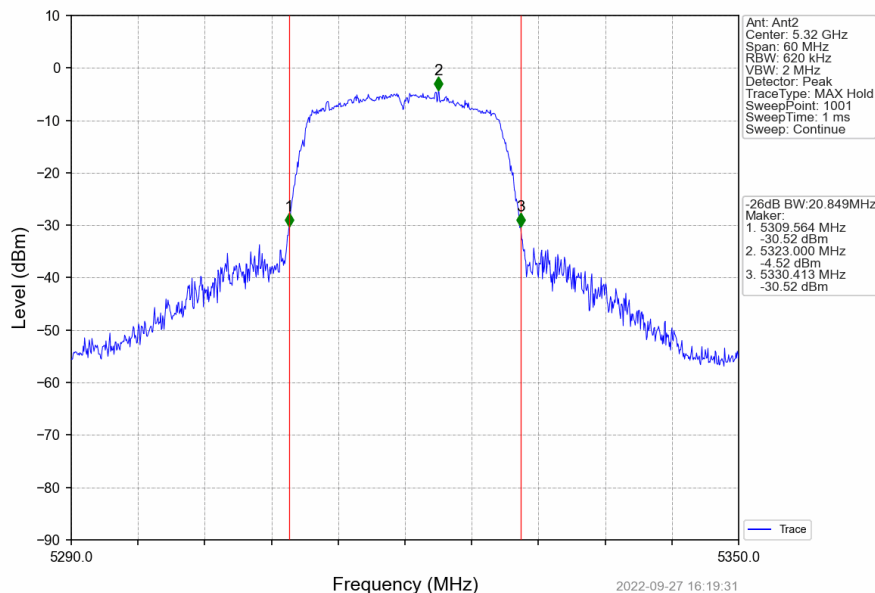
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



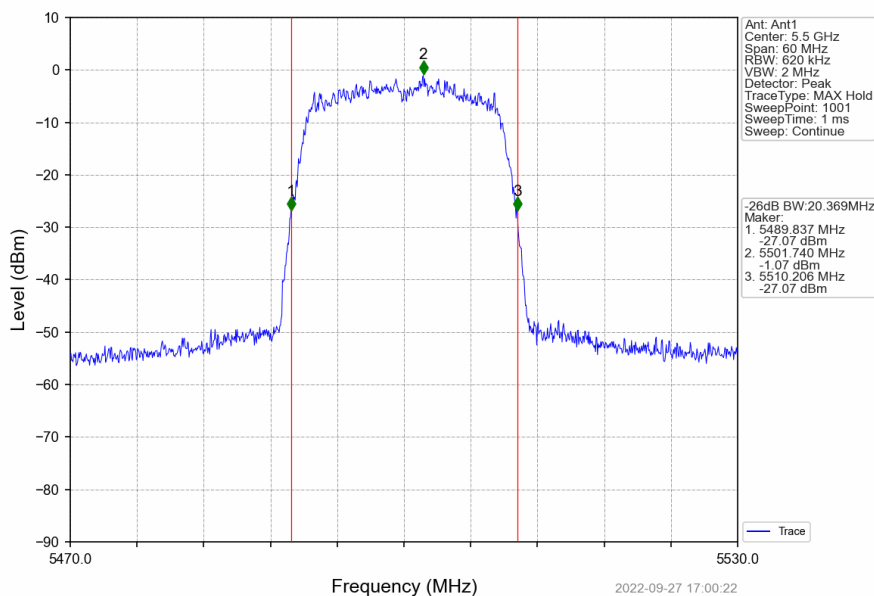
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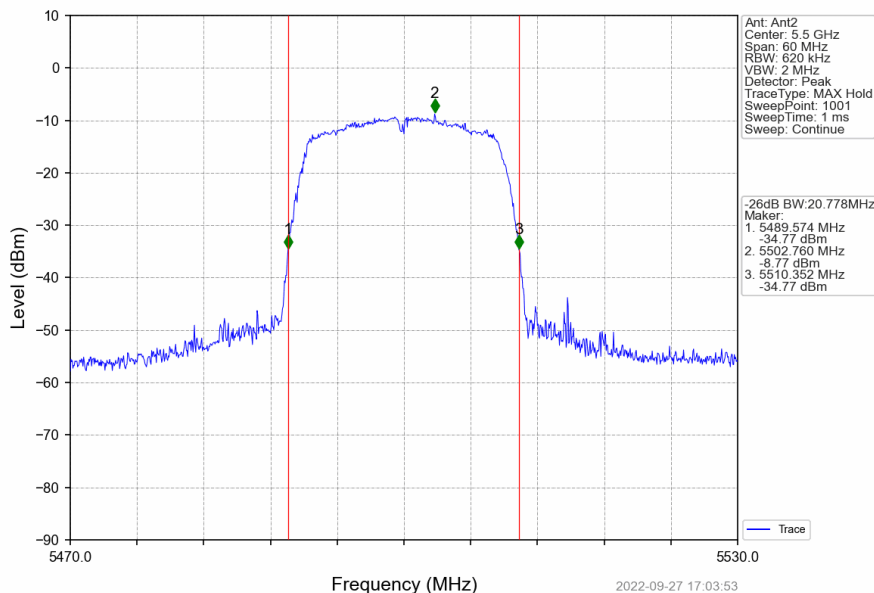
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802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



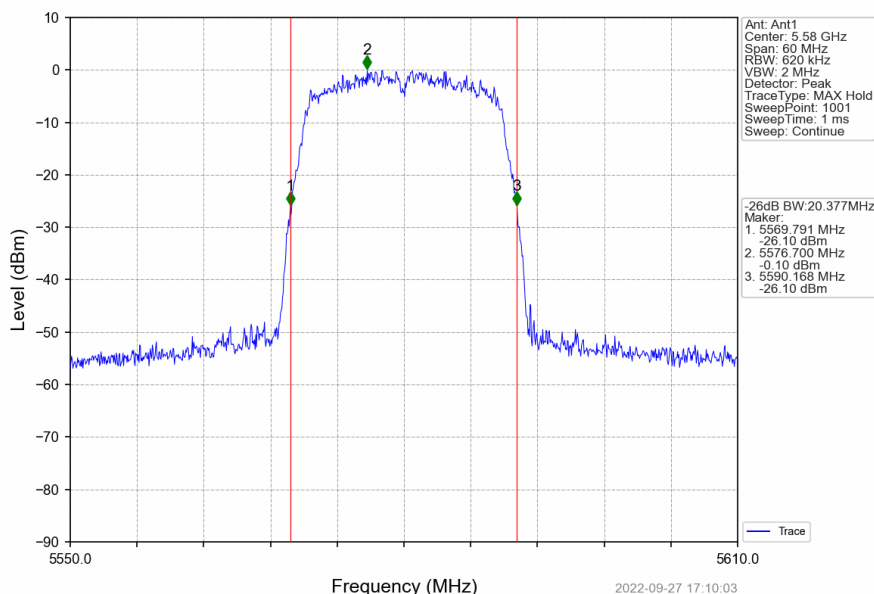
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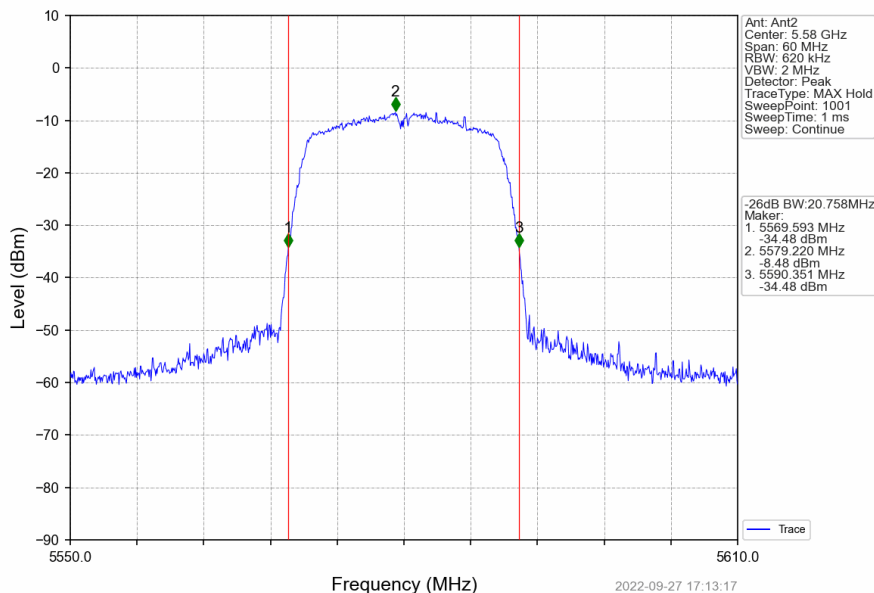
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



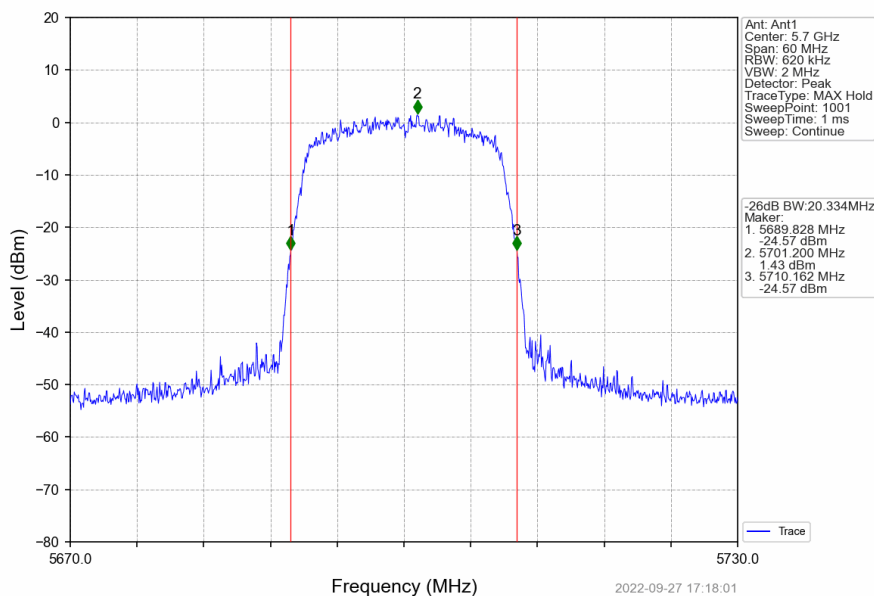
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



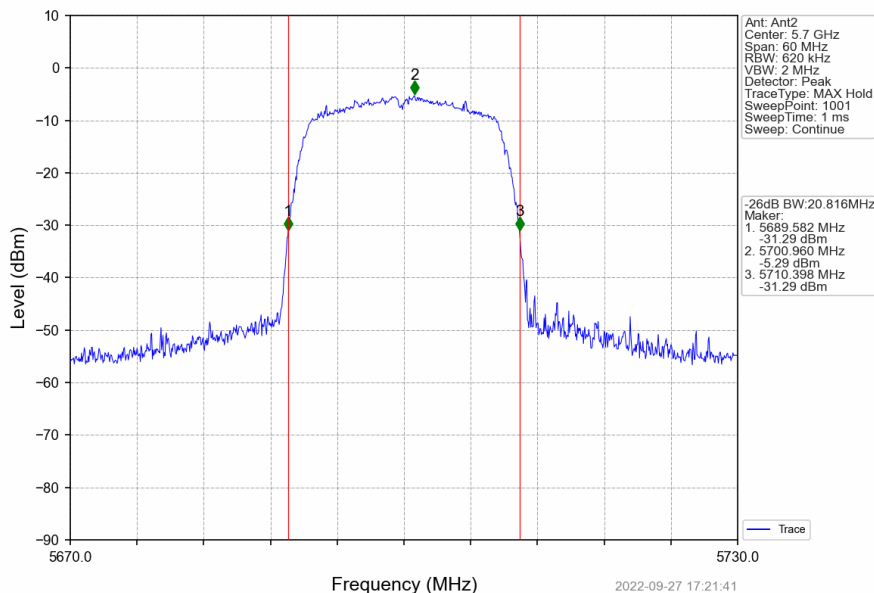
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802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

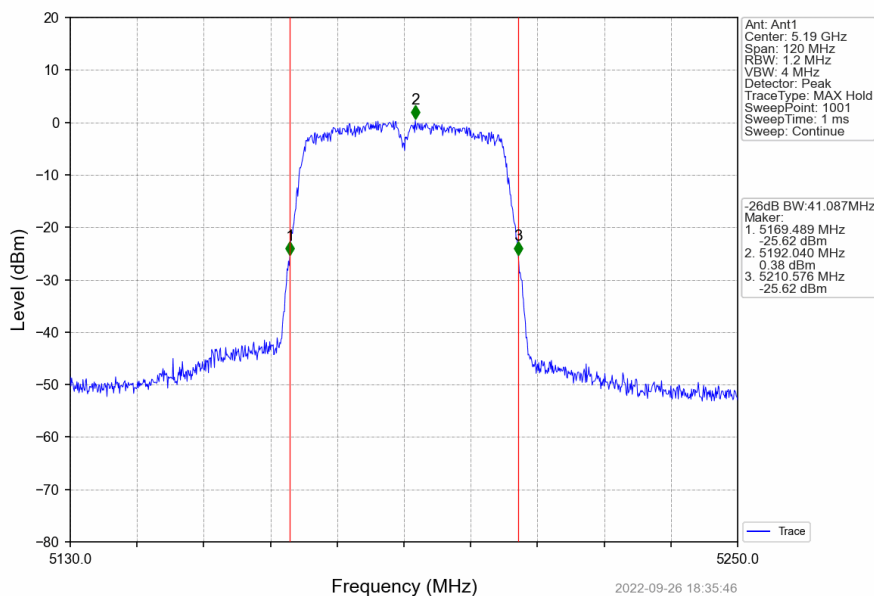


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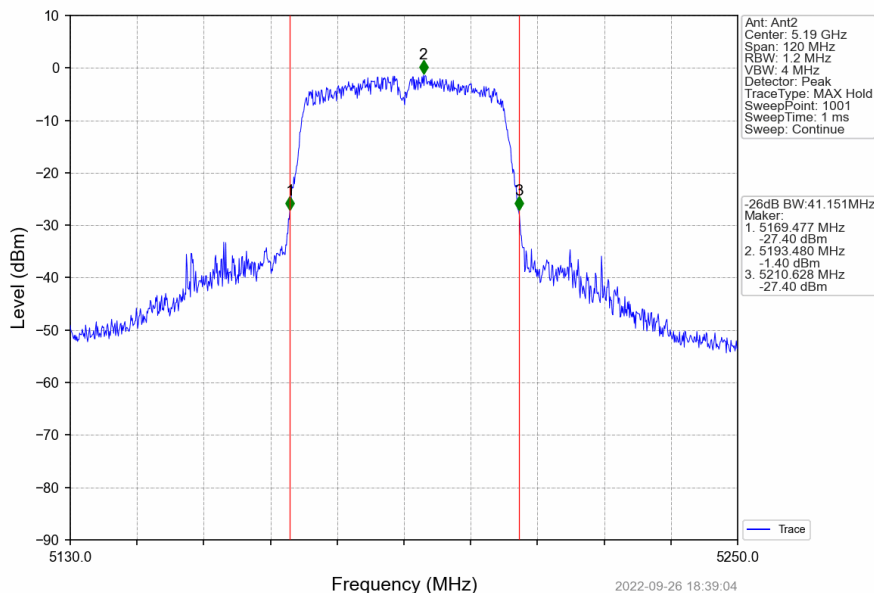
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



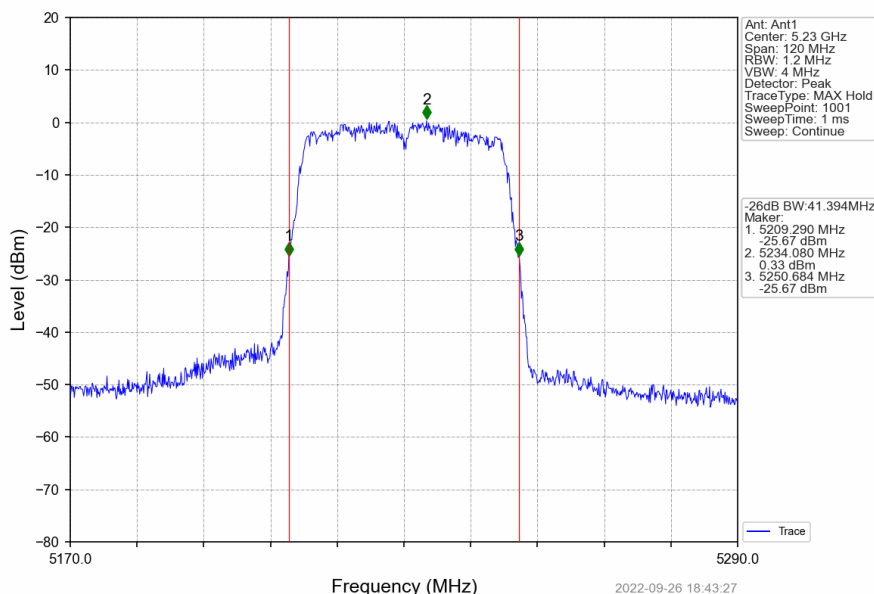
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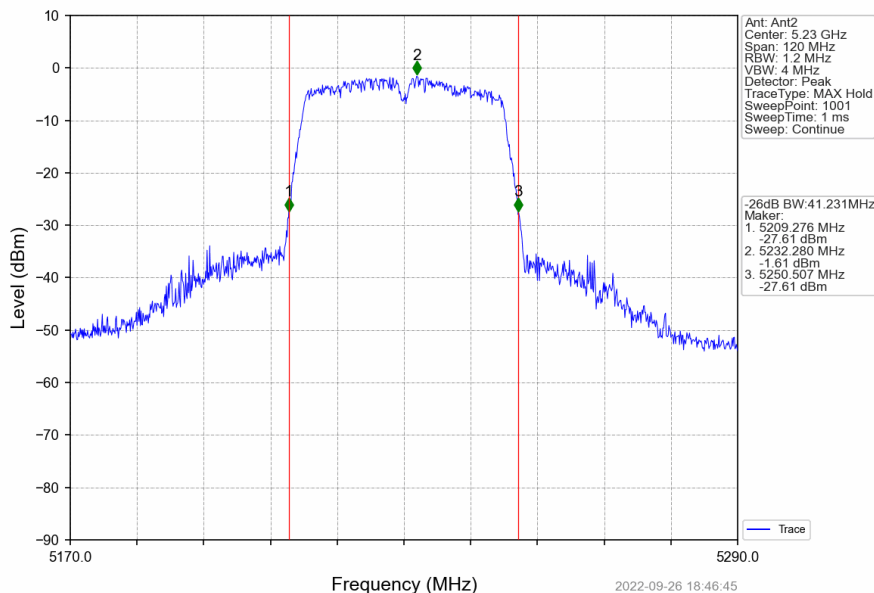
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



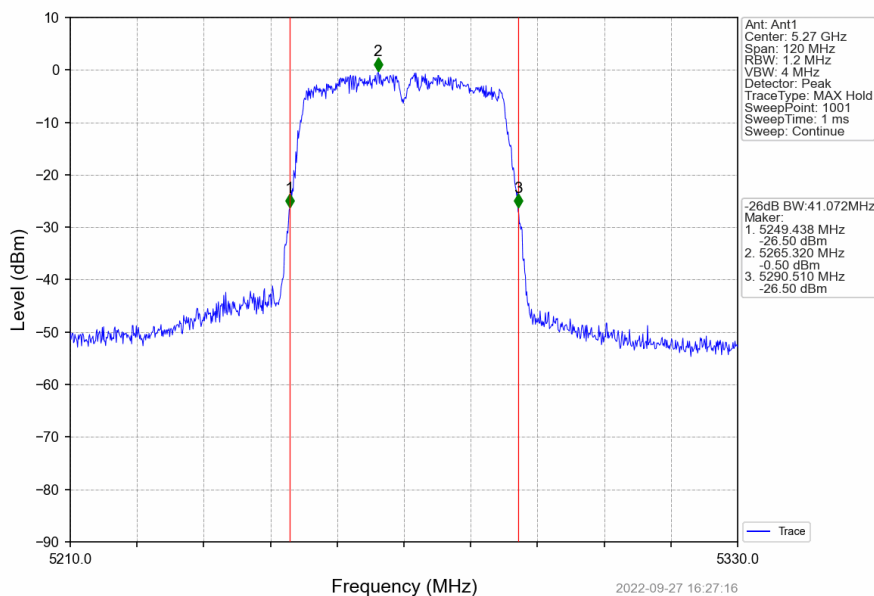
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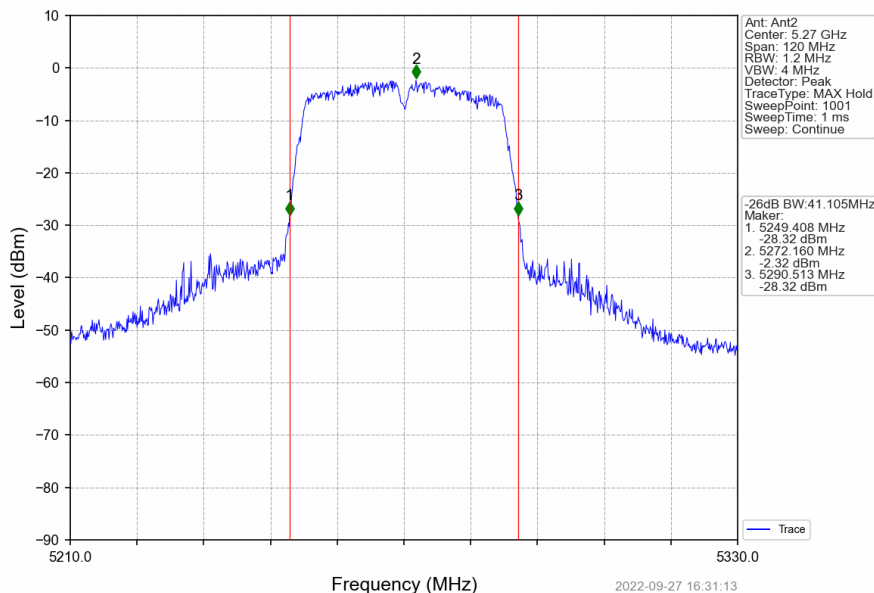
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



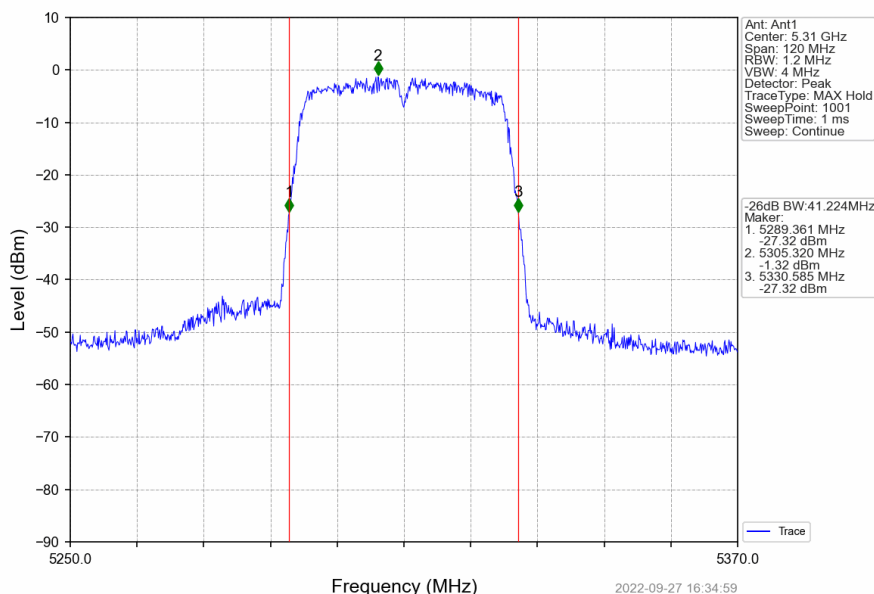
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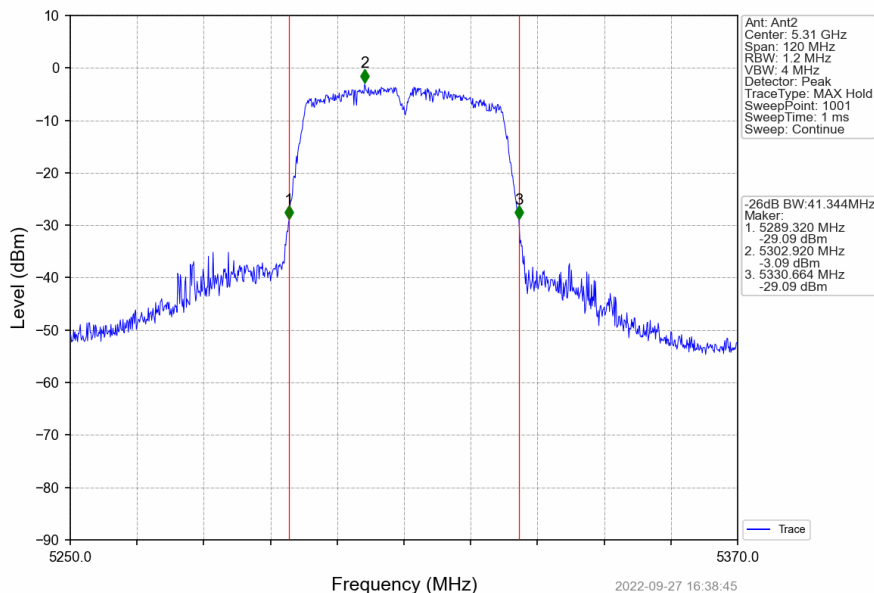
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802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



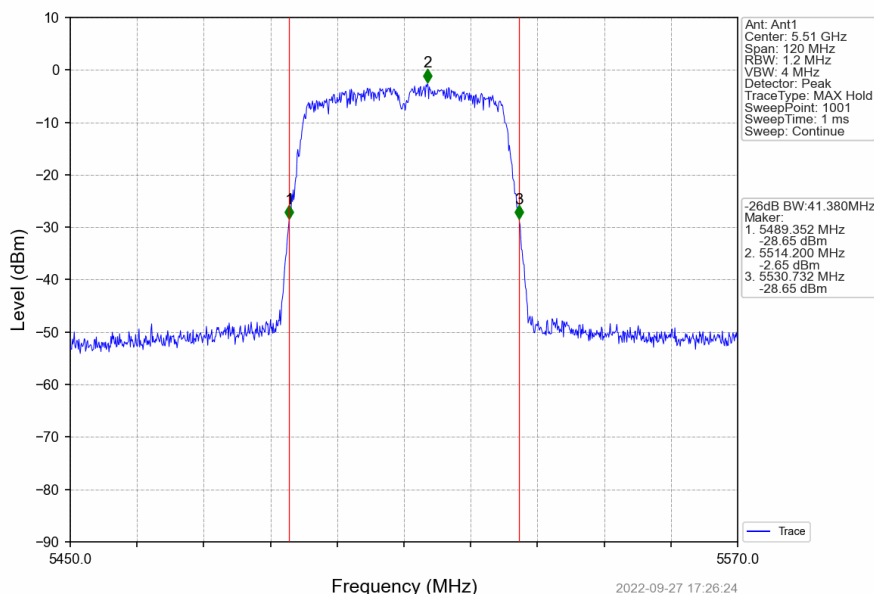
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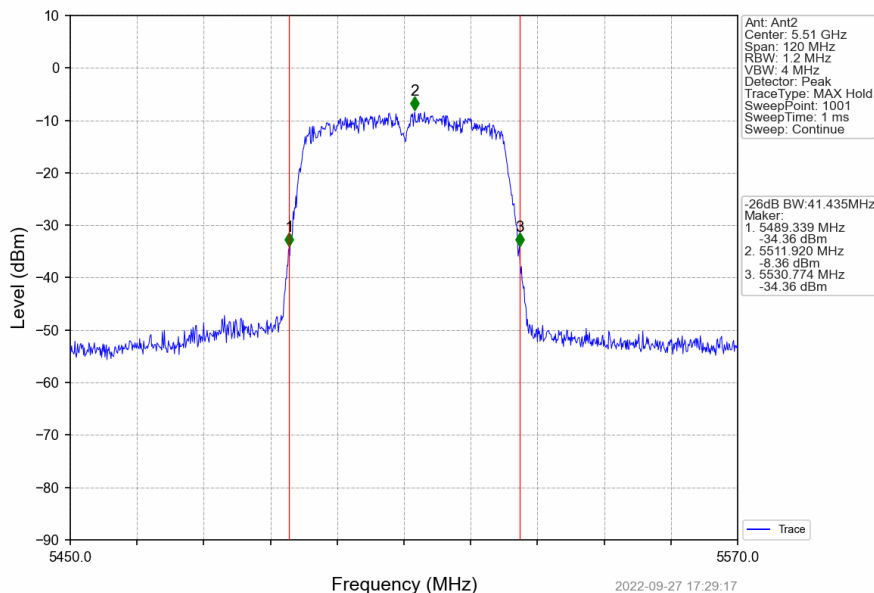
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



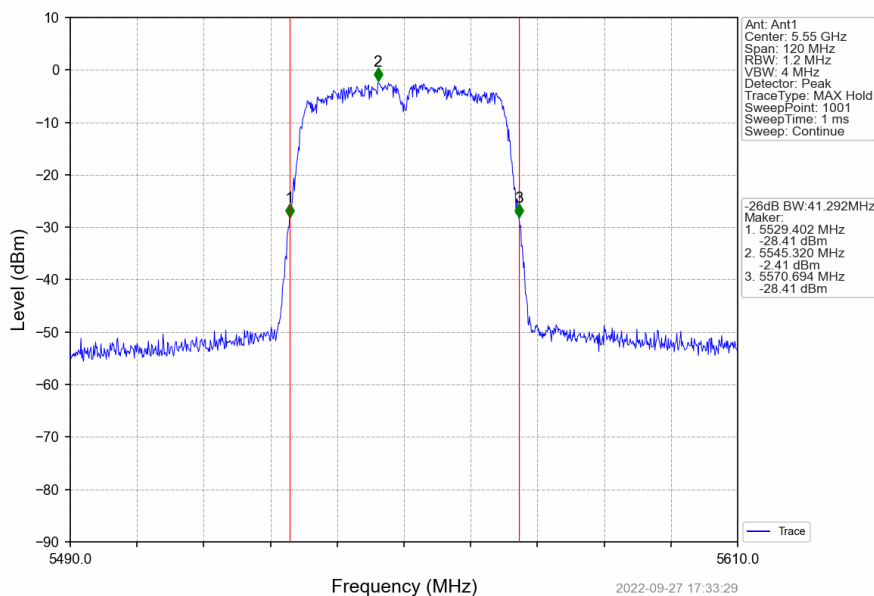
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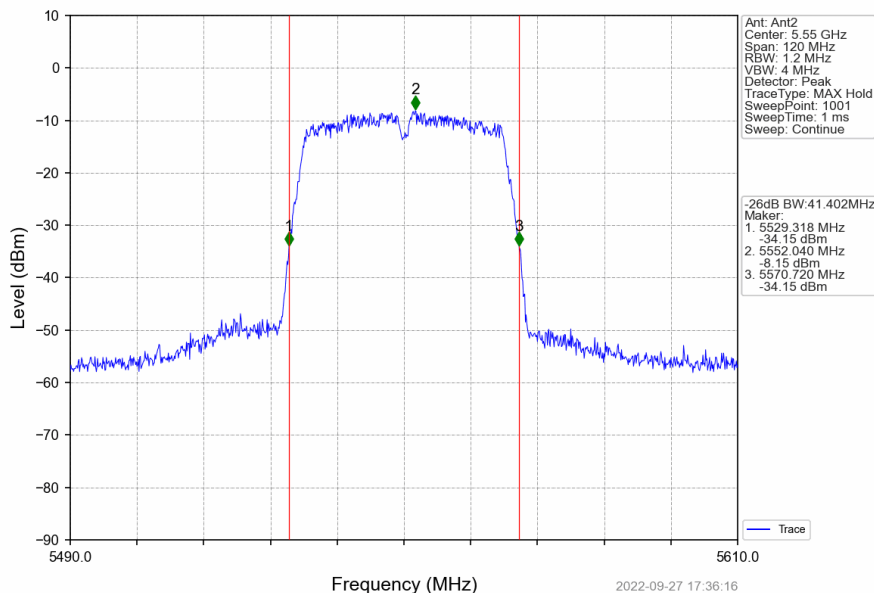
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



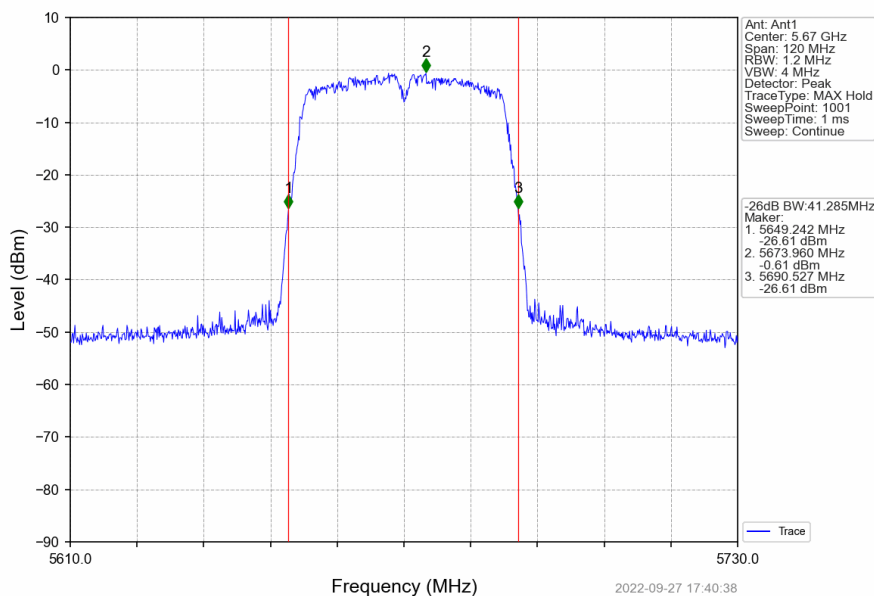
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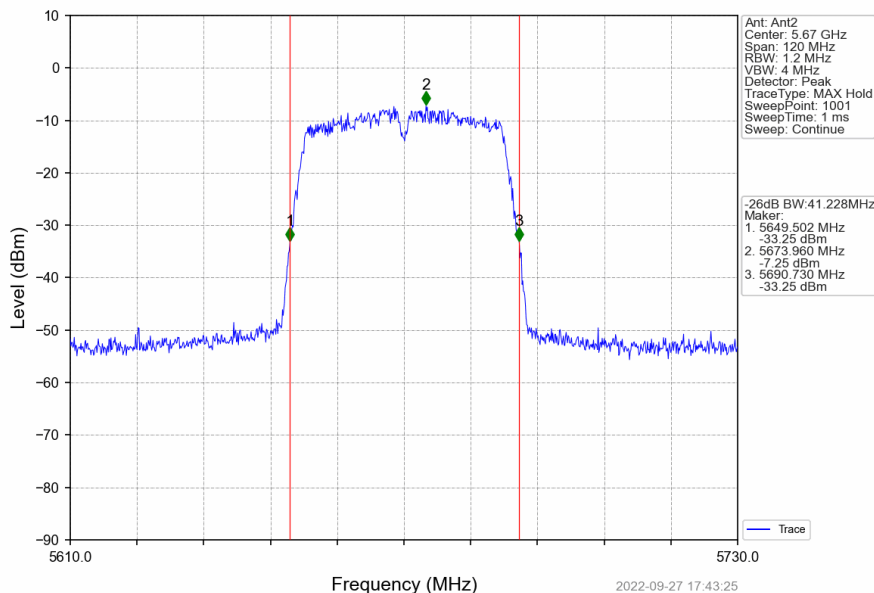
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



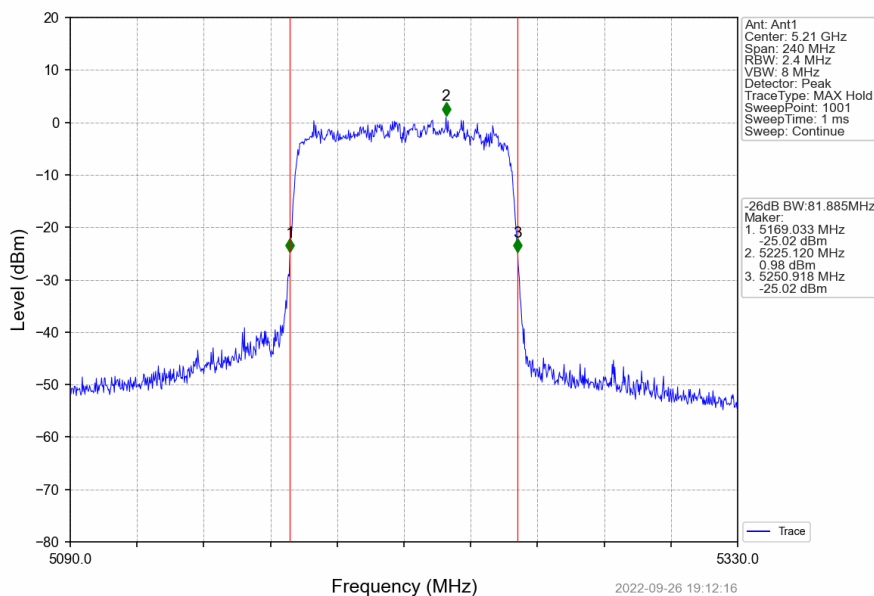
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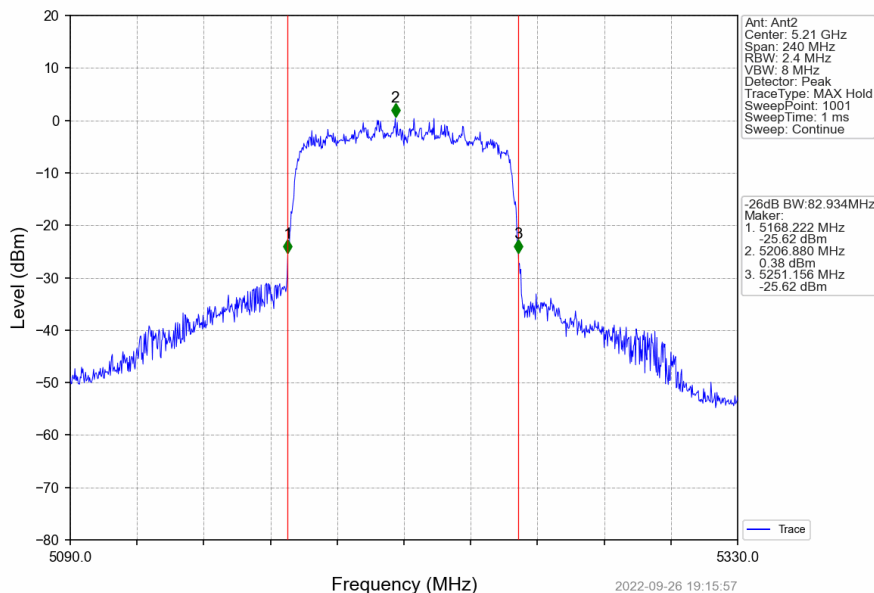
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



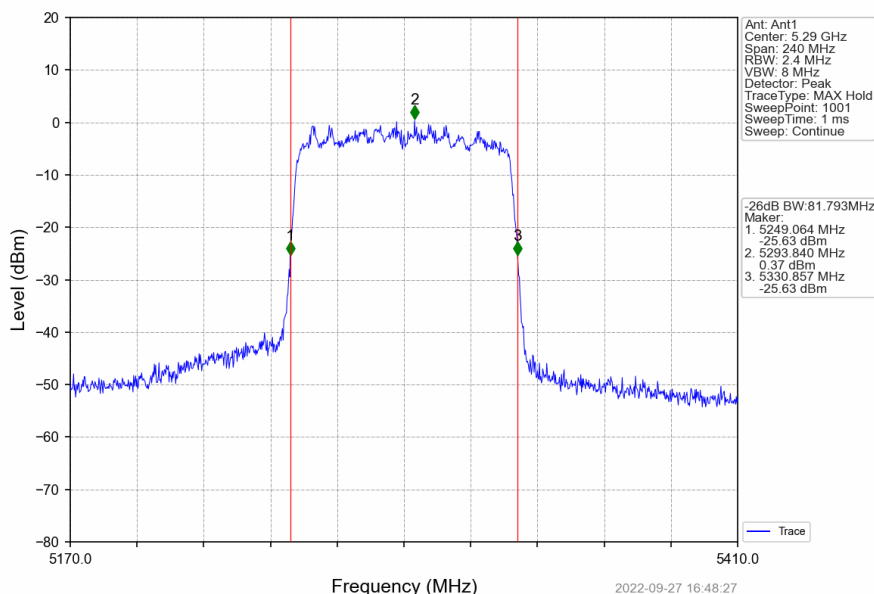
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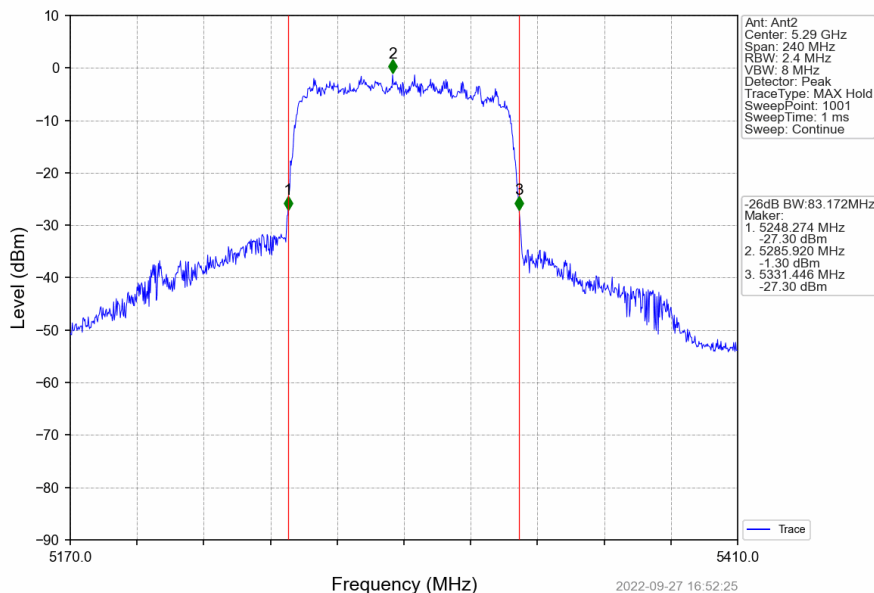
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



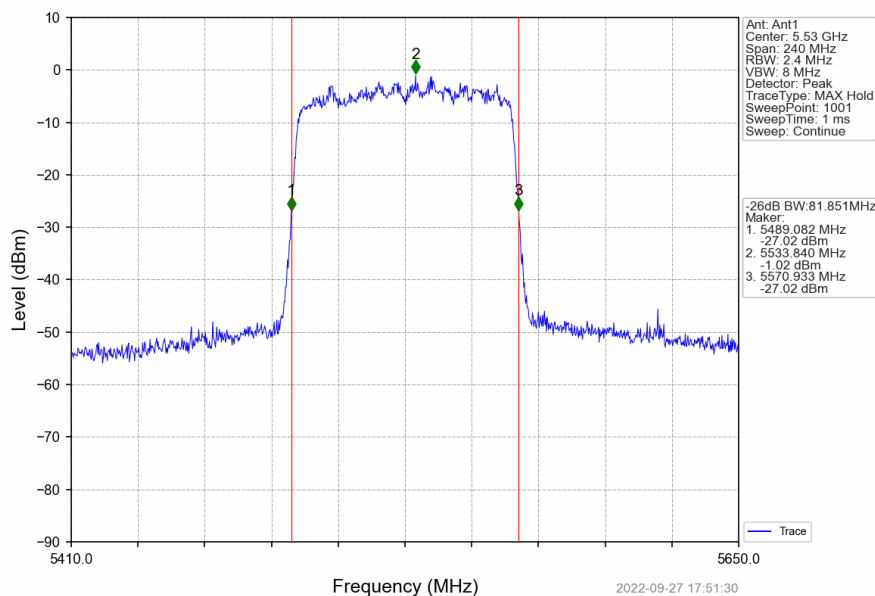
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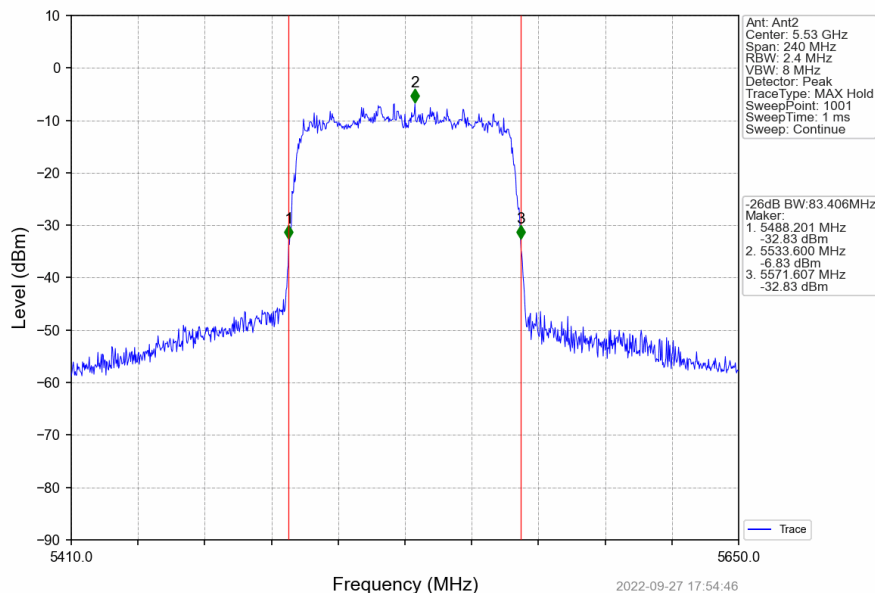
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



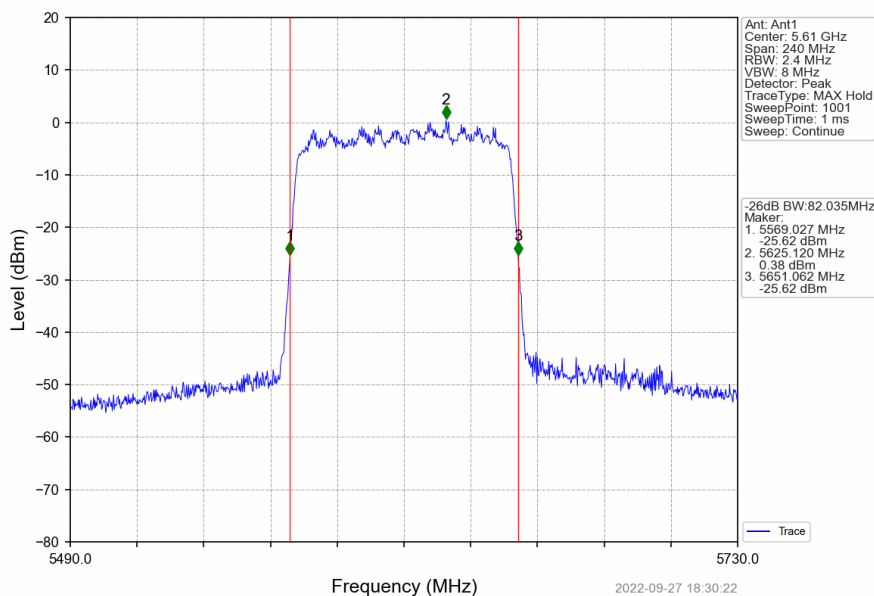
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



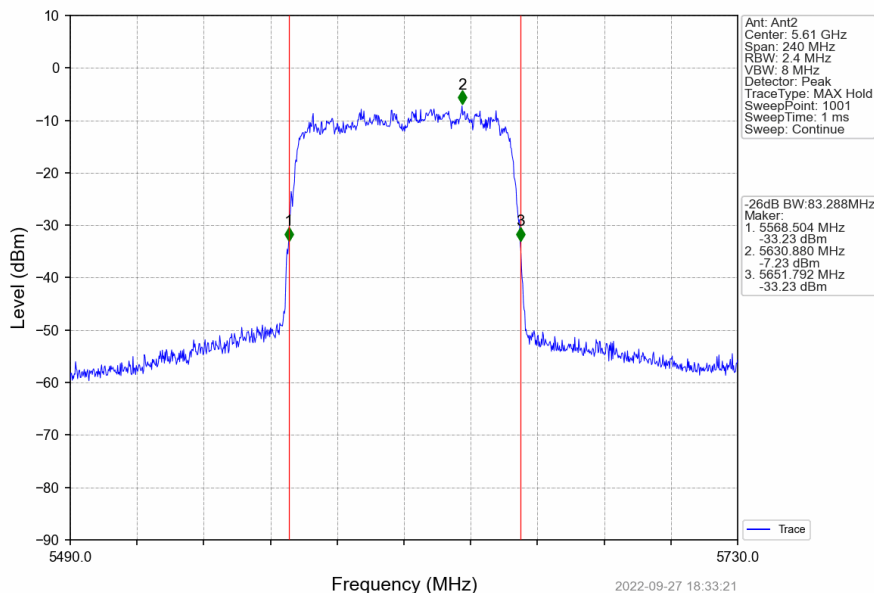
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	5.72	3.25	/	<=23.98	Pass
		5200	5.35	3.80	/	<=23.98	Pass
		5240	5.28	3.22	/	<=23.98	Pass
		5260	4.75	2.69	/	<=23.98	Pass
		5300	4.08	1.72	/	<=23.98	Pass
		5320	3.78	1.05	/	<=23.98	Pass
		5500	1.76	-3.83	/	<=23.98	Pass
		5580	4.60	-2.27	/	<=23.98	Pass
		5700	6.24	1.14	/	<=23.98	Pass
		5745	6.00	0.97	/	<=30	Pass
		5785	5.63	0.08	/	<=30	Pass
		5825	4.17	-1.32	/	<=30	Pass
802.11n (HT20)	MIMO	5180	5.13	2.88	7.16	<=23.98	Pass
		5200	4.98	3.12	7.16	<=23.98	Pass
		5240	4.99	2.71	7.01	<=23.98	Pass
		5260	4.34	2.28	6.44	<=23.98	Pass
		5300	4.07	1.60	6.02	<=23.98	Pass
		5320	3.74	0.95	5.58	<=23.98	Pass
		5500	1.77	-3.65	2.87	<=23.98	Pass
		5580	3.72	-3.03	4.55	<=23.98	Pass
		5700	5.04	0.04	6.23	<=23.98	Pass
		5745	5.18	0.01	6.33	<=30	Pass
		5785	4.92	-0.32	6.06	<=30	Pass
		5825	3.54	-1.60	4.70	<=30	Pass
802.11n (HT40)	MIMO	5190	4.22	2.19	6.33	<=23.98	Pass
		5230	4.67	2.72	6.81	<=23.98	Pass
		5270	3.87	2.14	6.10	<=23.98	Pass
		5310	3.33	1.07	5.36	<=23.98	Pass
		5510	1.64	-3.76	2.74	<=23.98	Pass
		5550	2.44	-3.61	3.40	<=23.98	Pass
		5670	3.77	-2.82	4.63	<=23.98	Pass
		5755	4.47	-0.38	5.70	<=30	Pass
		5795	3.99	-1.19	5.14	<=30	Pass



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EMC-TRF-01 Rev 1.1

Report No.: GZCR220800106105

Page: 299 of 401

802.11ac (VHT20)	MIMO	5180	5.42	3.20	7.46	<=23.98	Pass
		5200	5.12	3.45	7.38	<=23.98	Pass
		5240	5.15	3.00	7.22	<=23.98	Pass
		5260	4.37	2.33	6.48	<=23.98	Pass
		5300	3.95	1.69	5.98	<=23.98	Pass
		5320	3.69	1.00	5.56	<=23.98	Pass
		5500	2.00	-3.47	3.08	<=23.98	Pass
		5580	3.75	-2.97	4.59	<=23.98	Pass
		5700	5.02	0.15	6.24	<=23.98	Pass
		5745	5.07	0.15	6.28	<=30	Pass
		5785	4.94	-0.21	6.10	<=30	Pass
		5825	3.76	-1.67	4.85	<=30	Pass
802.11ac (VHT40)	MIMO	5190	5.06	3.36	7.30	<=23.98	Pass
		5230	4.95	3.12	7.14	<=23.98	Pass
		5270	4.09	2.23	6.27	<=23.98	Pass
		5310	3.45	1.22	5.49	<=23.98	Pass
		5510	1.81	-3.55	2.92	<=23.98	Pass
		5550	2.29	-3.44	3.32	<=23.98	Pass
		5670	3.91	-2.73	4.76	<=23.98	Pass
		5755	3.92	-1.30	5.06	<=30	Pass
		5795	3.76	-1.77	4.83	<=30	Pass
802.11ac (VHT80)	MIMO	5210	3.99	2.52	6.33	<=23.98	Pass
		5290	2.78	1.18	5.06	<=23.98	Pass
		5530	1.65	-4.54	2.59	<=23.98	Pass
		5610	2.65	-4.23	3.46	<=23.98	Pass
		5775	3.34	-2.19	4.41	<=30	Pass

Note1: Antenna Gain: Ant1: 0.36 dBi; Ant2: 0.36 dBi;
Note2: Directional Gain: 3.37 dBi
Ant1 power: Ant 1 conducted power + duty cycle factor.
Ant2 power: Ant 2 conducted power + duty cycle factor.
MIMO power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.
The Duty Cycle Factor is compensated in the test result.

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	-4.67	-7.01	/	<=11	Pass
		5200	-4.89	-6.49	/	<=11	Pass
		5240	-4.84	-7.13	/	<=11	Pass
		5260	-5.60	-7.67	/	<=11	Pass
		5300	-6.17	-8.48	/	<=11	Pass
		5320	-6.39	-9.32	/	<=11	Pass
		5500	-8.38	-14.04	/	<=11	Pass
		5580	-5.45	-12.54	/	<=11	Pass
		5700	-4.07	-9.01	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-5.20	-7.60	-3.28	<=11	Pass
		5200	-5.45	-7.25	-3.30	<=11	Pass
		5240	-5.29	-7.68	-3.44	<=11	Pass
		5260	-5.81	-8.11	-4.03	<=11	Pass
		5300	-6.27	-8.85	-4.38	<=11	Pass
		5320	-6.64	-9.55	-5.01	<=11	Pass
		5500	-8.44	-14.06	-7.42	<=11	Pass
		5580	-6.50	-13.30	-5.74	<=11	Pass
		5700	-5.26	-10.42	-4.17	<=11	Pass
802.11n (HT40)	MIMO	5190	-9.52	-11.60	-7.54	<=11	Pass
		5230	-9.00	-11.05	-7.03	<=11	Pass
		5270	-10.13	-11.58	-7.79	<=11	Pass
		5310	-10.51	-12.64	-8.50	<=11	Pass
		5510	-12.23	-17.67	-11.18	<=11	Pass
		5550	-11.72	-17.71	-10.80	<=11	Pass
		5670	-10.07	-16.42	-9.20	<=11	Pass
802.11ac (VHT20)	MIMO	5180	-5.03	-7.24	-3.08	<=11	Pass
		5200	-5.26	-7.06	-3.17	<=11	Pass
		5240	-5.05	-7.41	-3.14	<=11	Pass
		5260	-6.04	-8.05	-3.95	<=11	Pass
		5300	-6.34	-8.84	-4.51	<=11	Pass
		5320	-6.62	-9.32	-4.75	<=11	Pass
		5500	-8.30	-14.05	-7.39	<=11	Pass
		5580	-6.63	-13.08	-5.81	<=11	Pass



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EMC-TRF-01 Rev 1.1

Report No.: GZCR220800106105

Page: 301 of 401

		5700	-5.41	-10.27	-4.25	<=11	Pass
802.11ac (VHT40)	MIMO	5190	-8.89	-10.28	-6.59	<=11	Pass
		5230	-8.94	-10.46	-6.73	<=11	Pass
		5270	-9.63	-11.46	-7.48	<=11	Pass
		5310	-10.39	-12.63	-8.45	<=11	Pass
		5510	-12.16	-17.35	-11.09	<=11	Pass
		5550	-11.69	-17.28	-10.65	<=11	Pass
		5670	-9.90	-16.42	-9.10	<=11	Pass
802.11ac (VHT80)	MIMO	5210	-12.89	-14.73	-10.81	<=11	Pass
		5290	-13.99	-16.04	-11.95	<=11	Pass
		5530	-15.88	-21.20	-14.96	<=11	Pass
		5610	-14.73	-21.16	-13.91	<=11	Pass

Note1: Antenna Gain: Ant1: 0.36 dBi; Ant2: 0.36 dBi;

Note2: Directional Gain: 3.37 dBi

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.

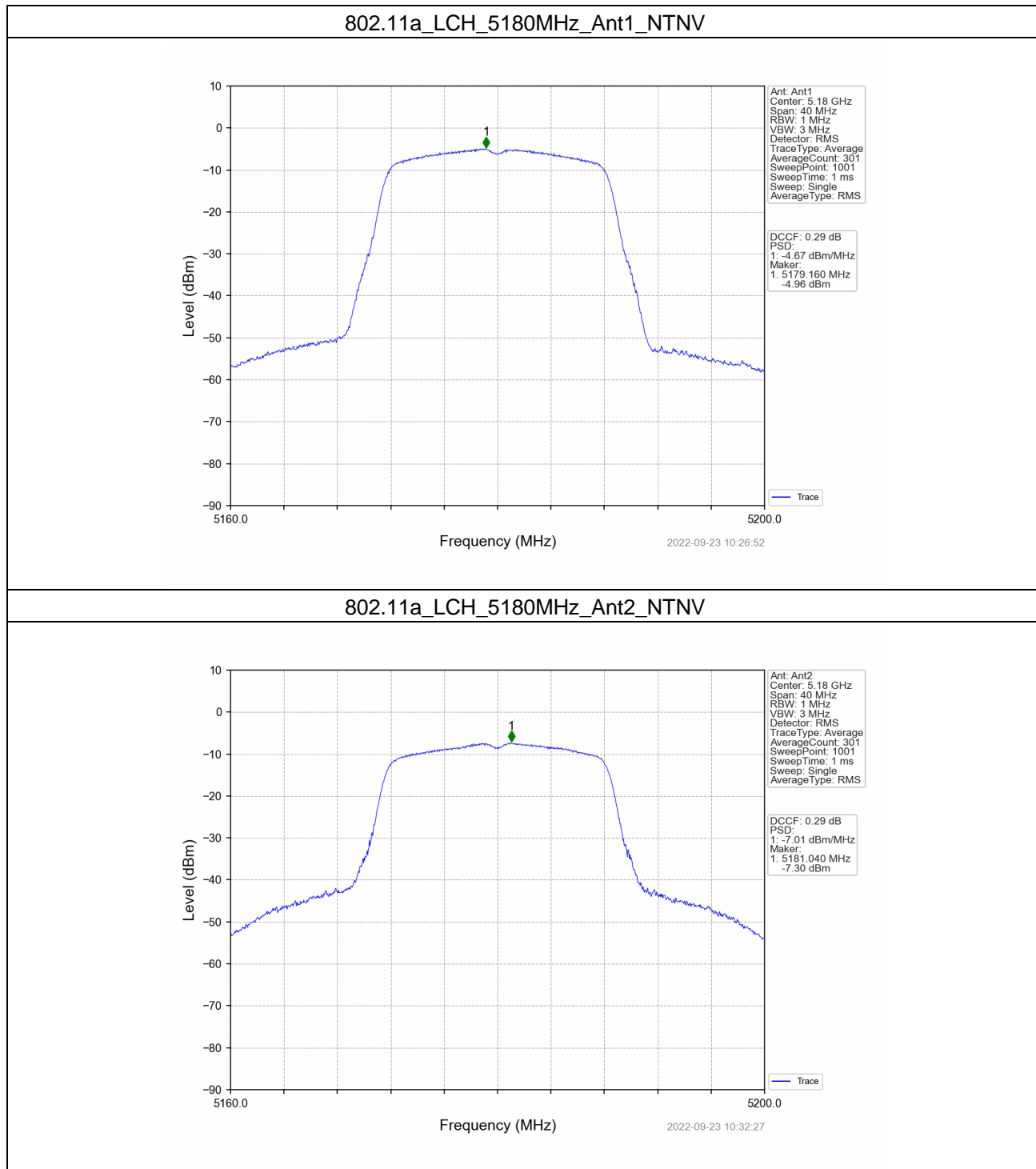
The Duty Cycle Factor is compensated in the test result.



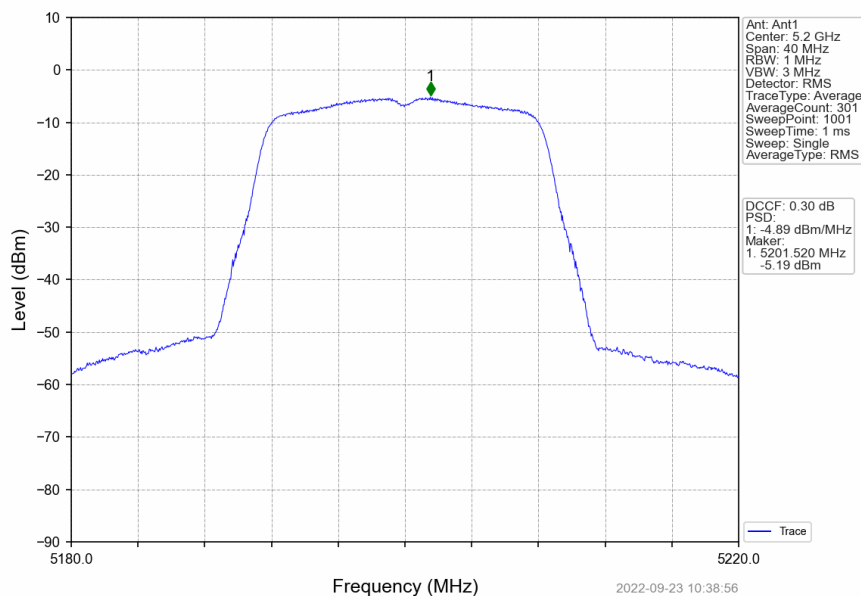
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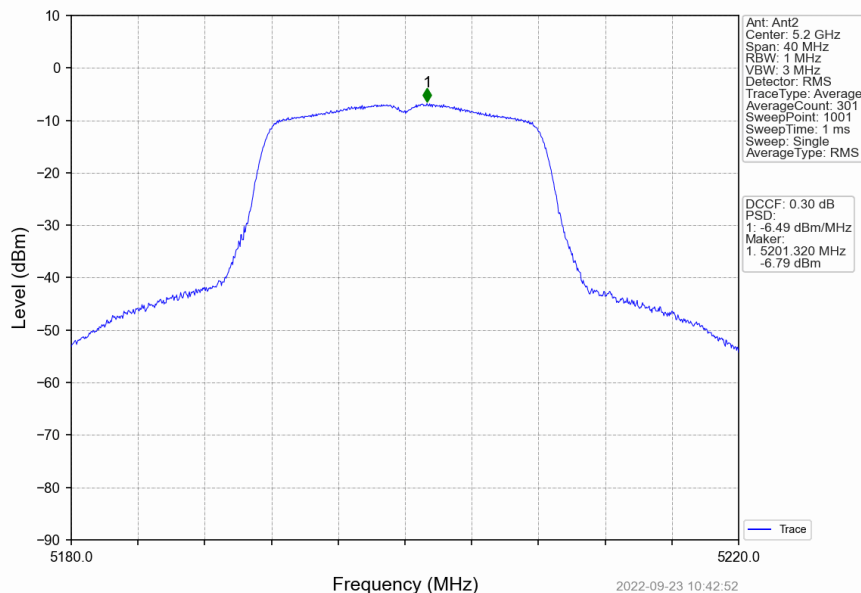
4.1.2 Test Graph



802.11a_MCH_5200MHz_Ant1_NTNV



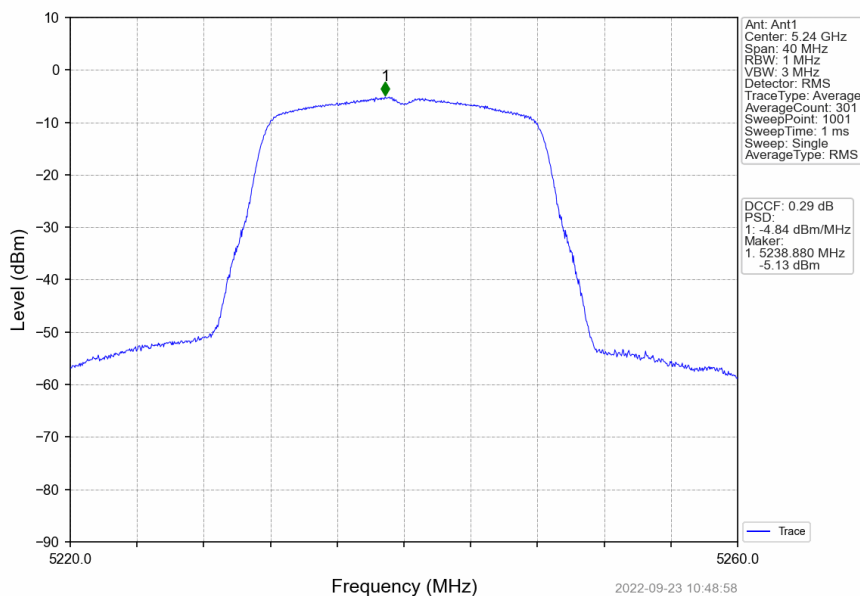
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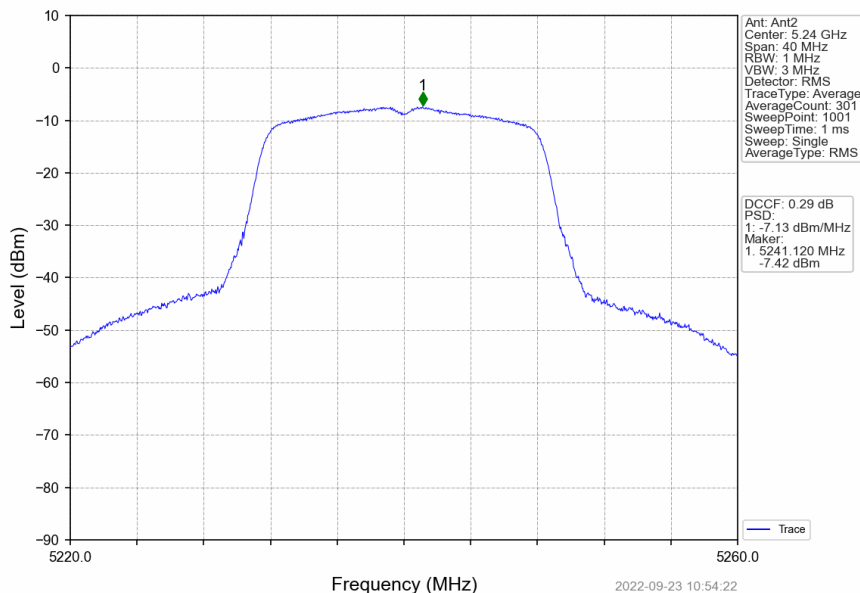
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV

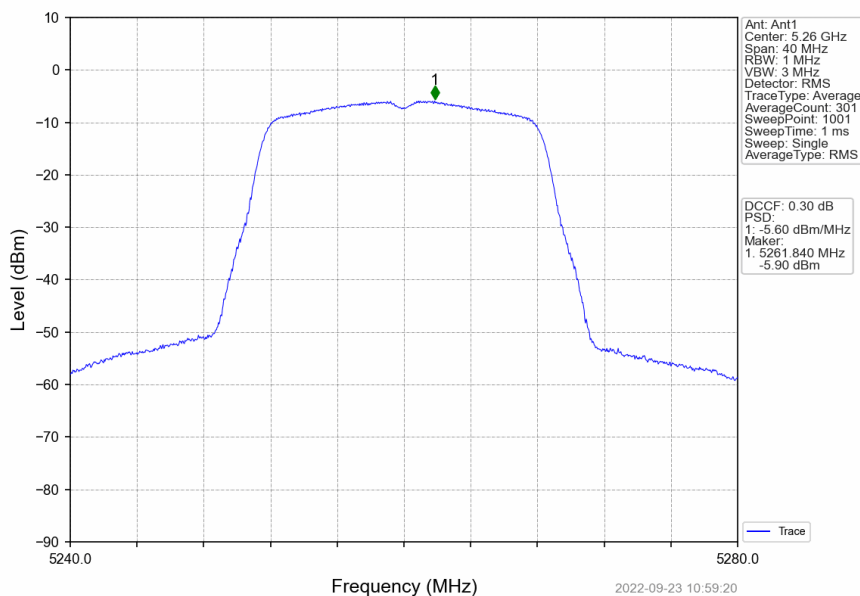


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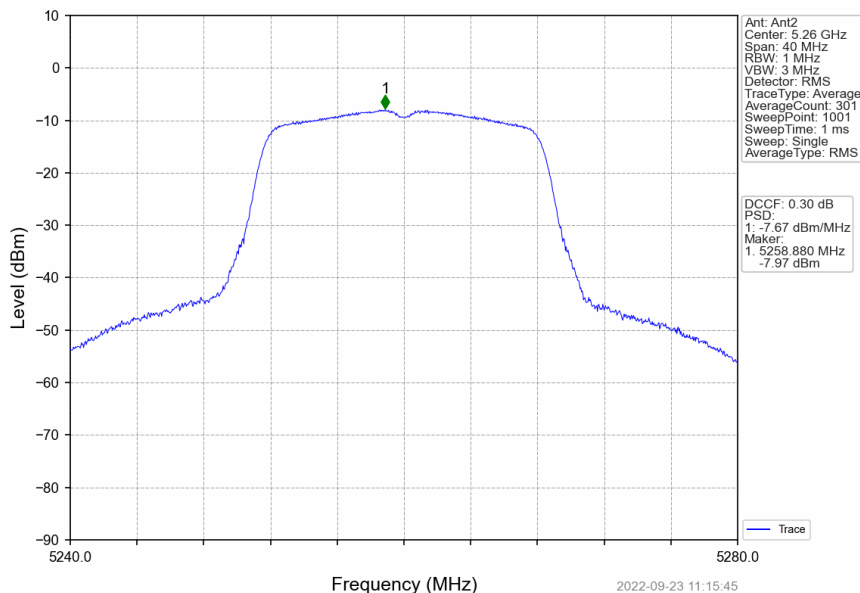
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802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant2_NTNV



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