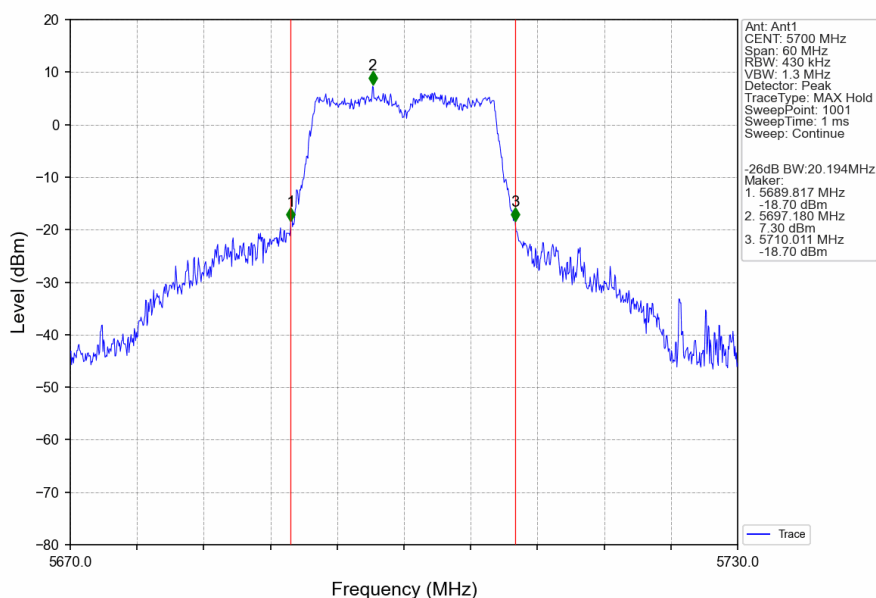
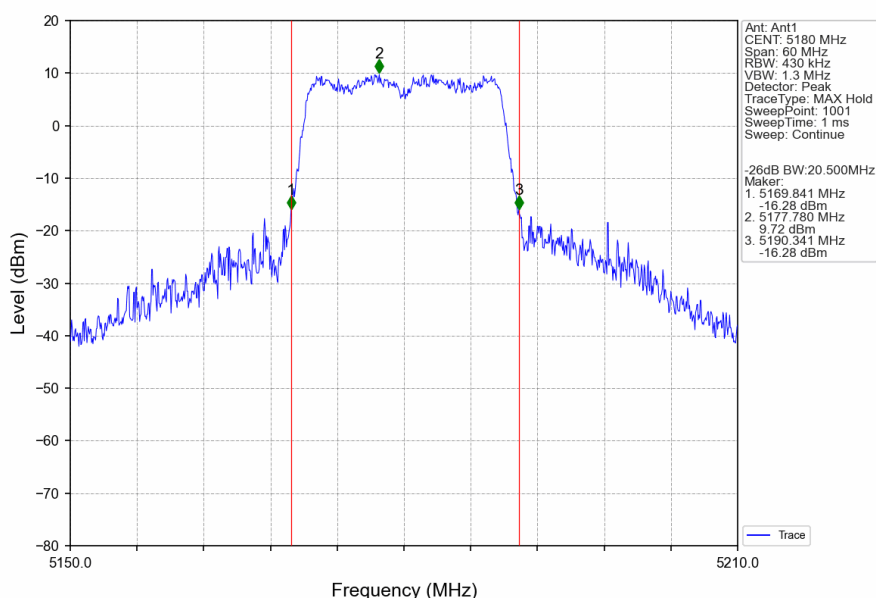


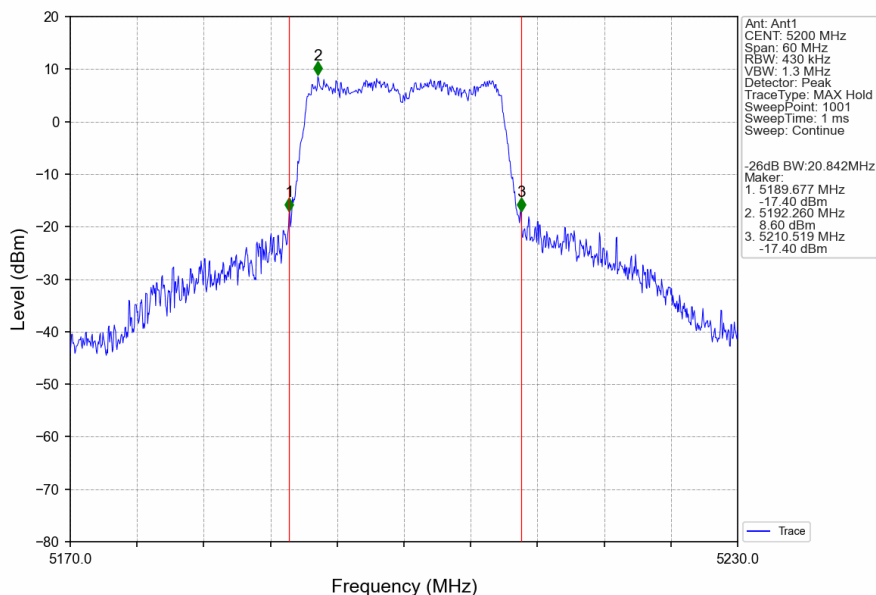
802.11a_HCH_5700MHz_Ant1_NTNV



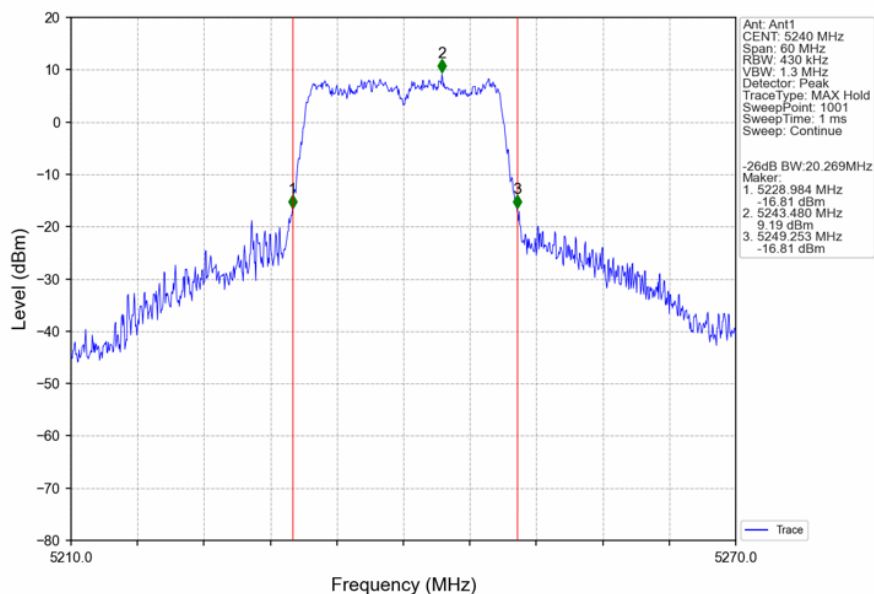
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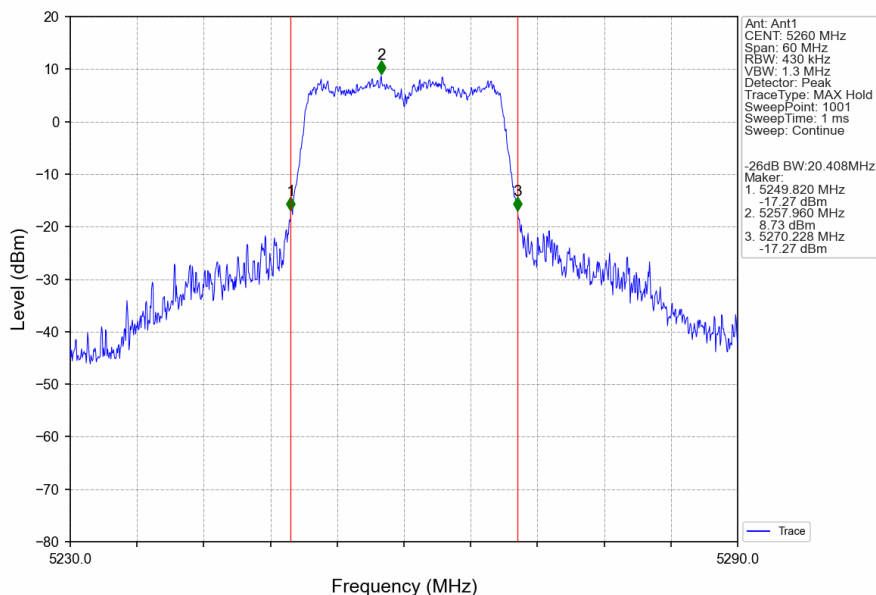
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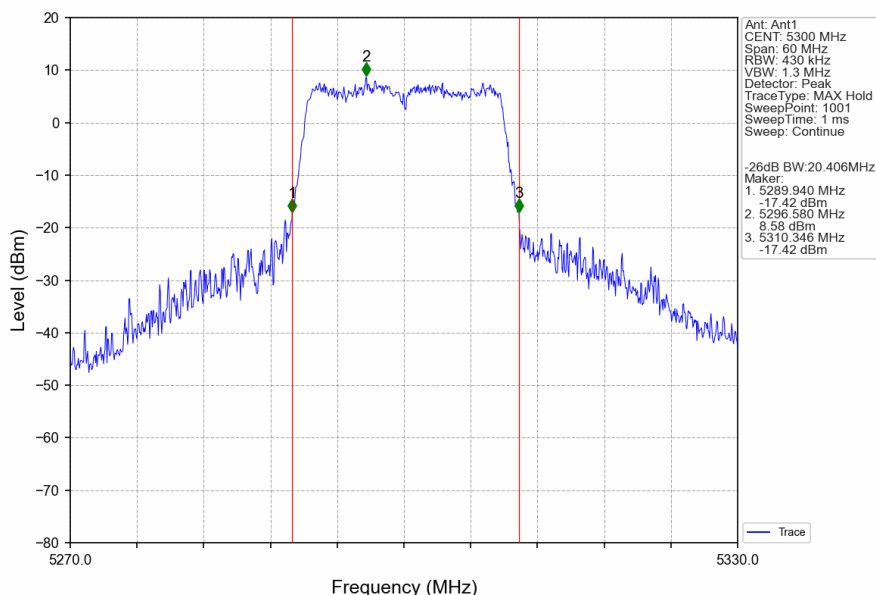
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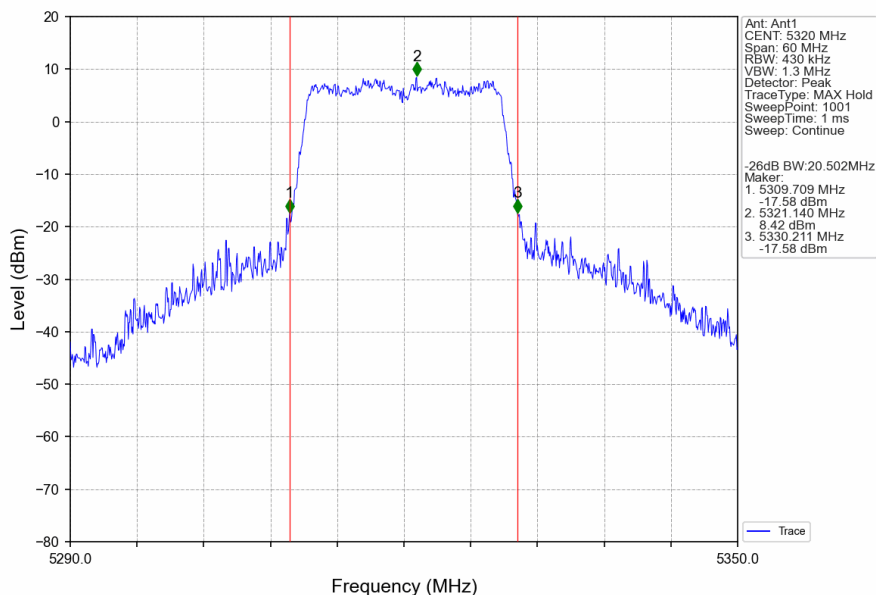
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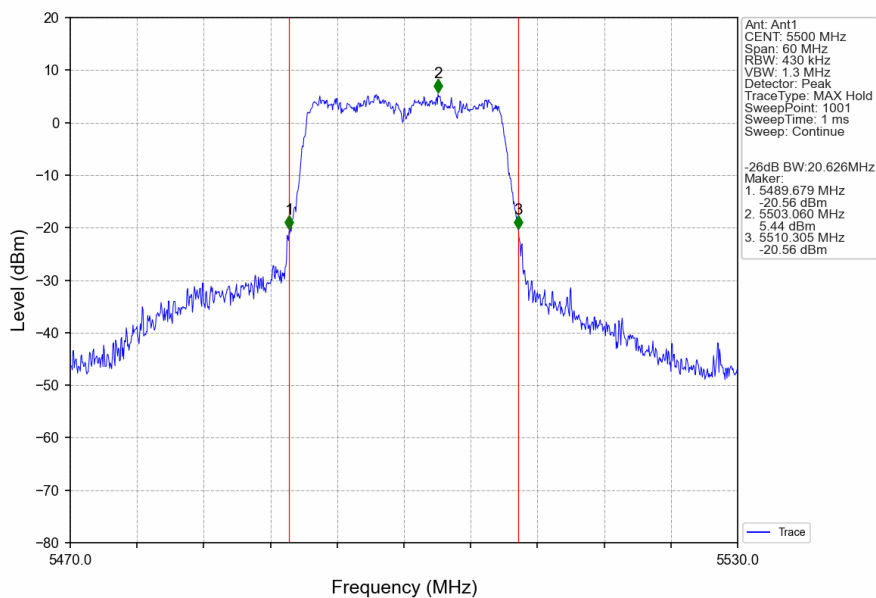
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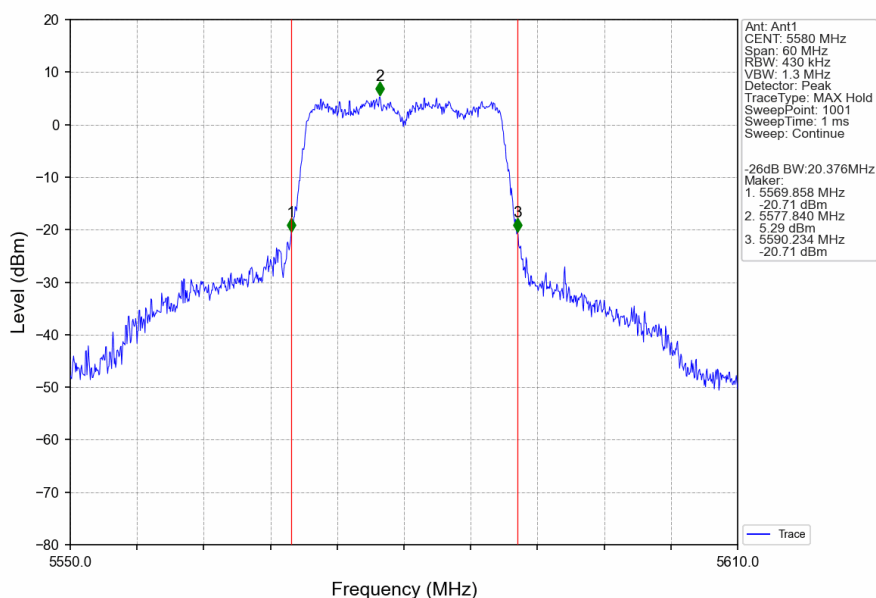
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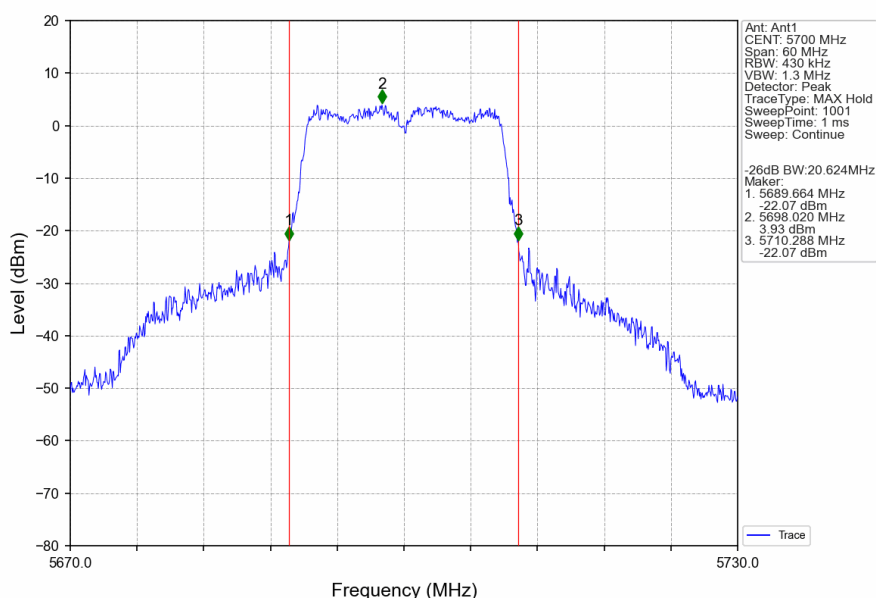
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



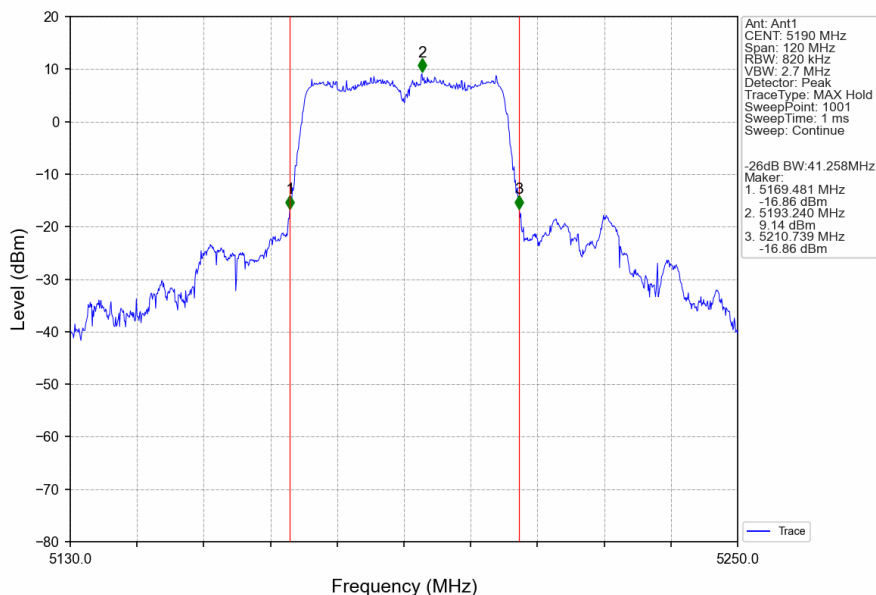
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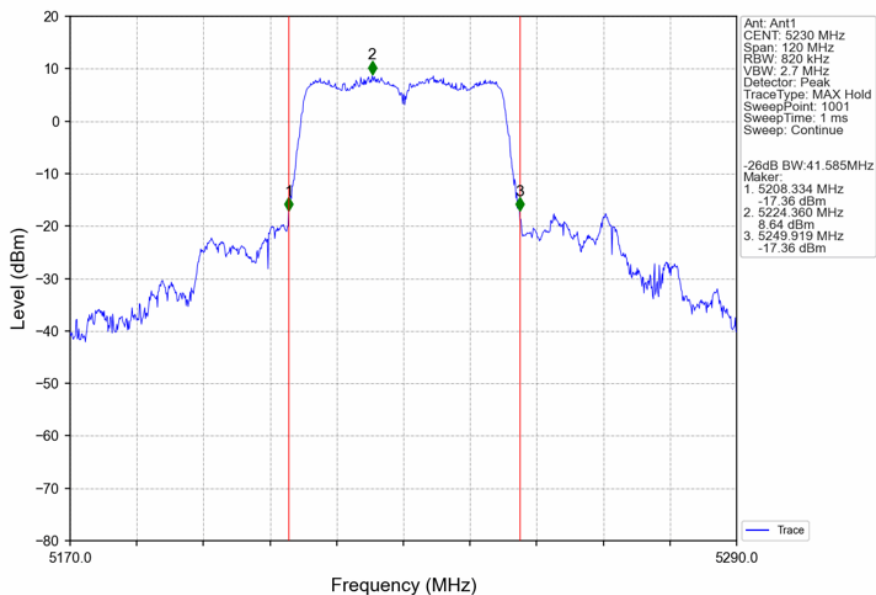
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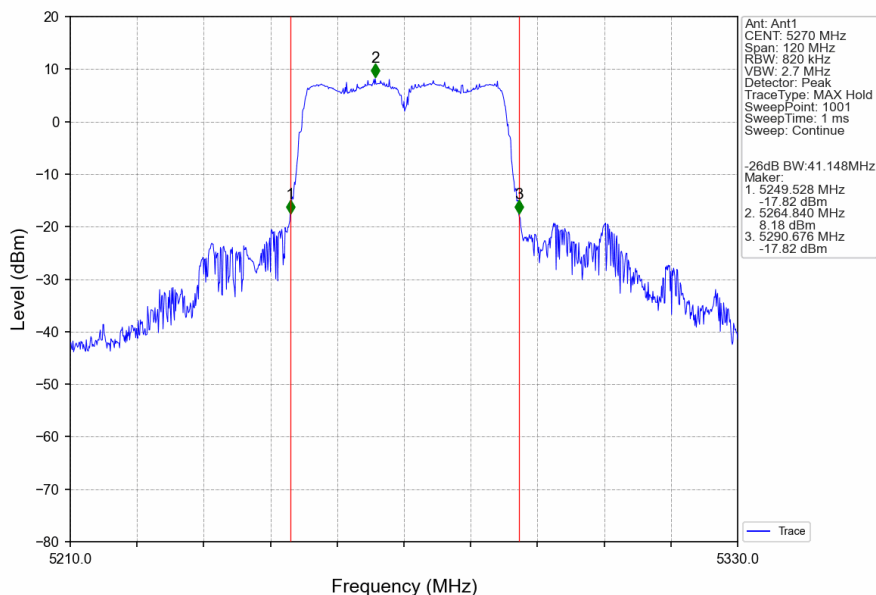
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



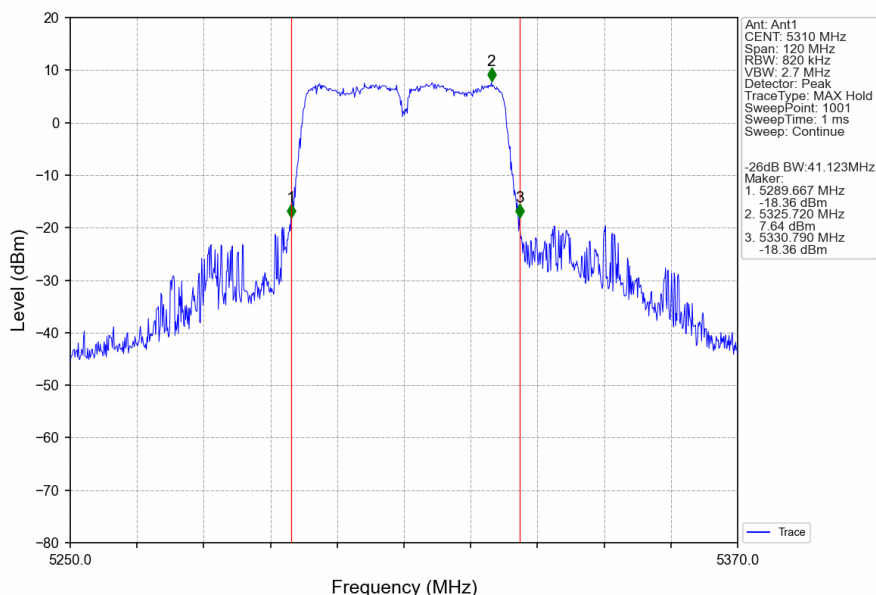
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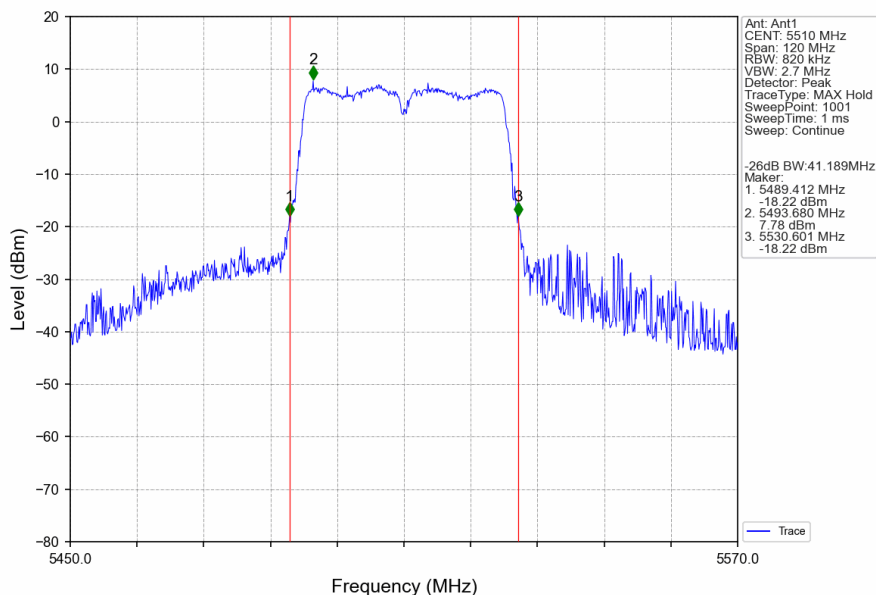
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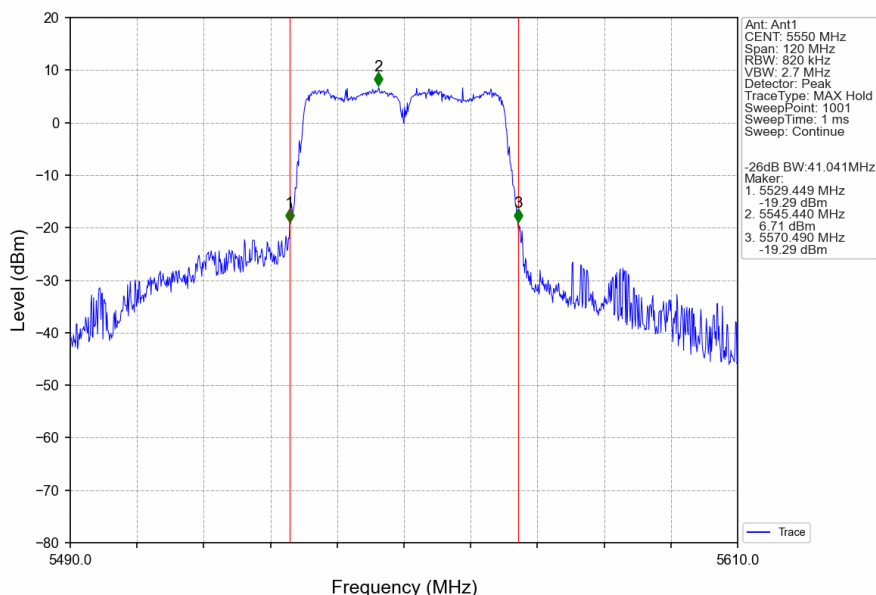
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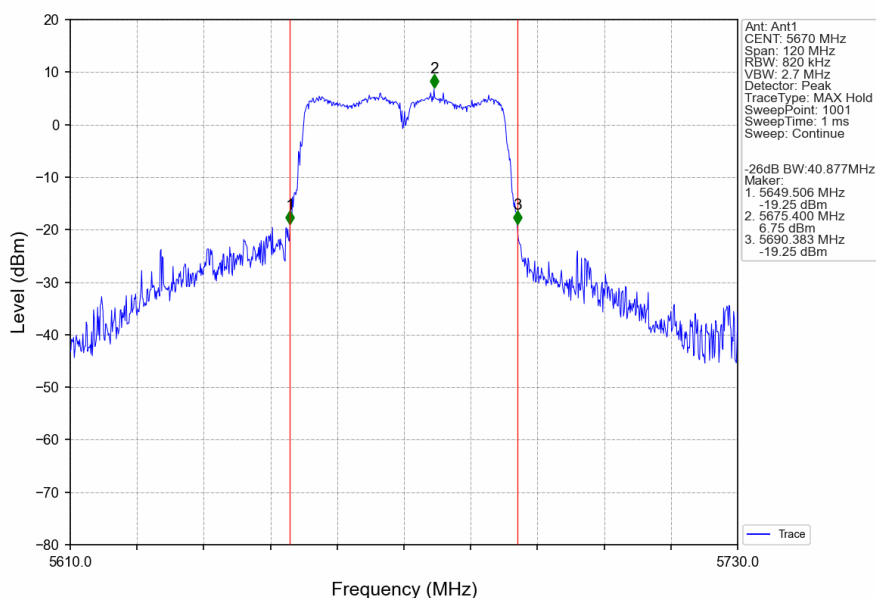
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



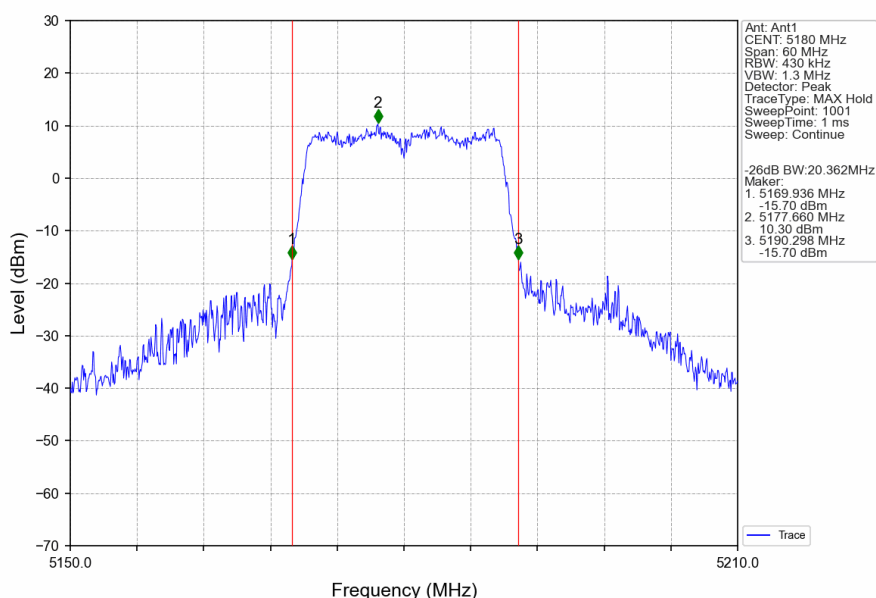
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



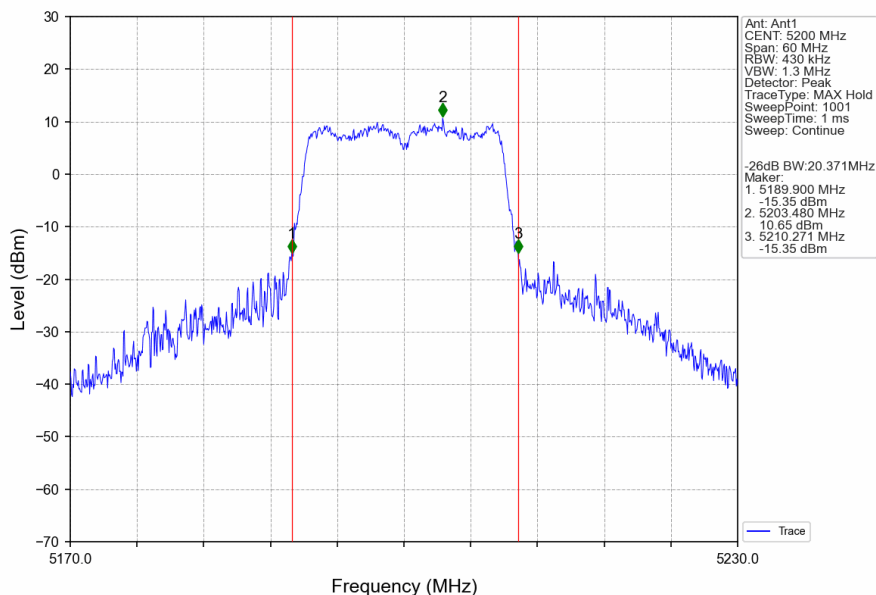
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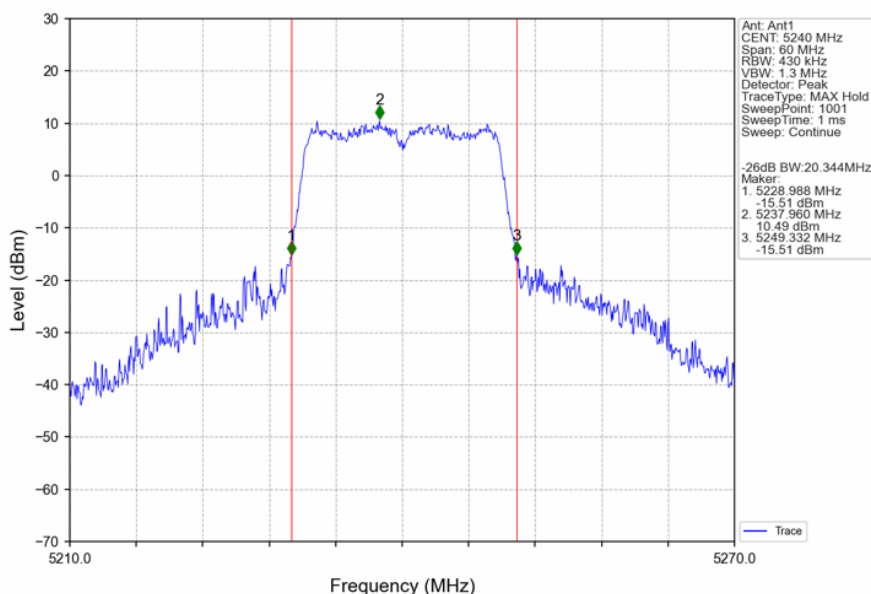
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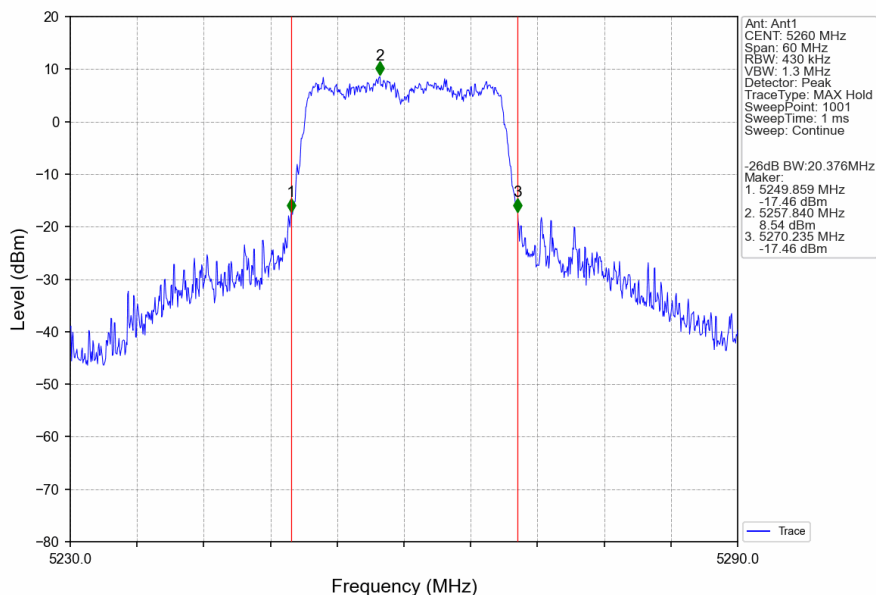
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



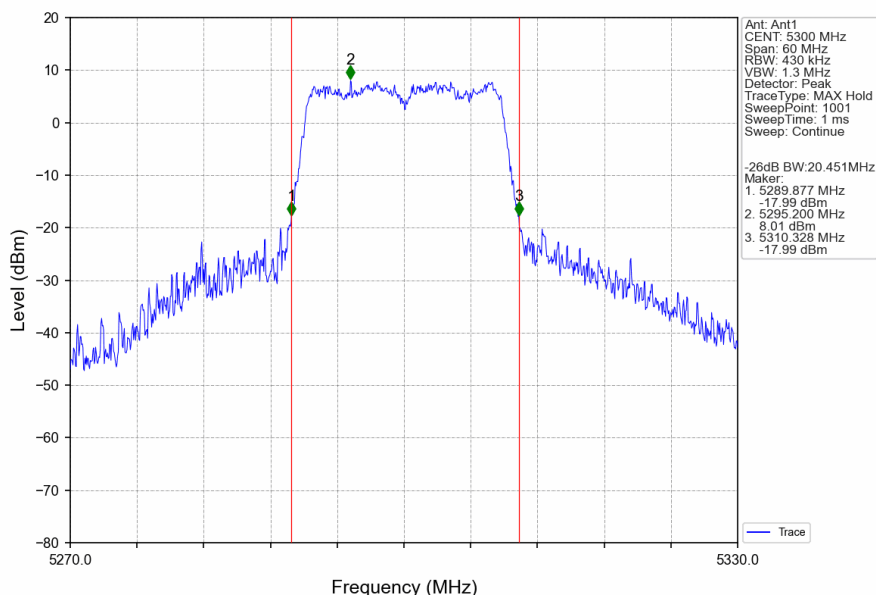
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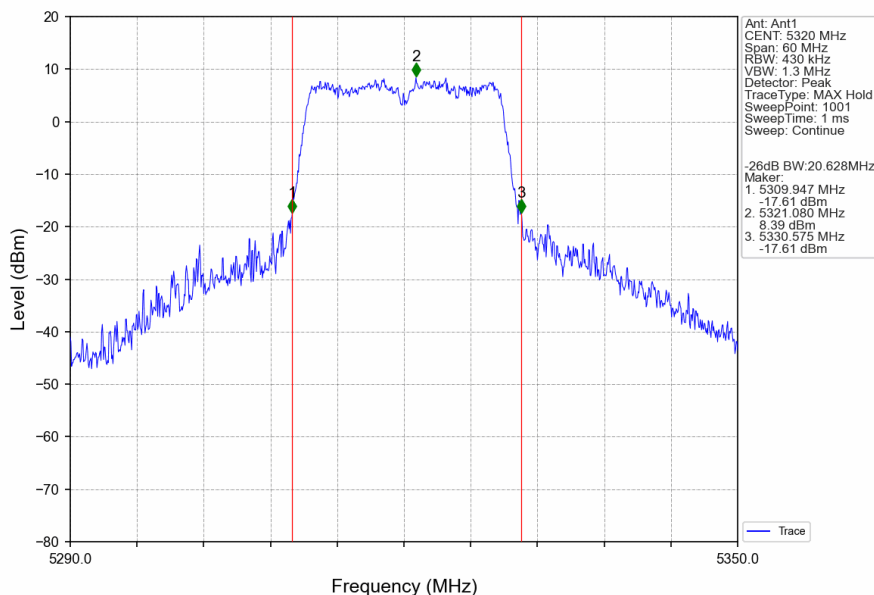
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



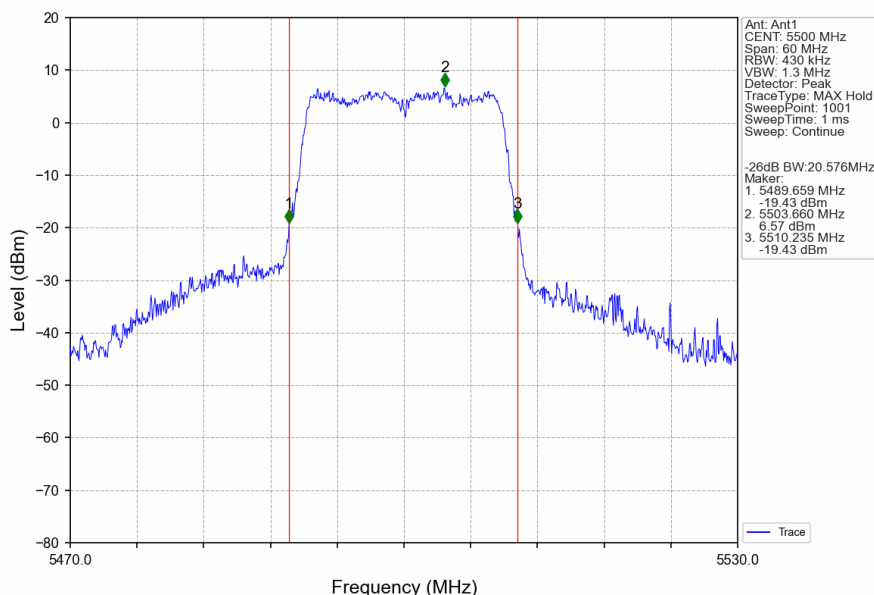
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



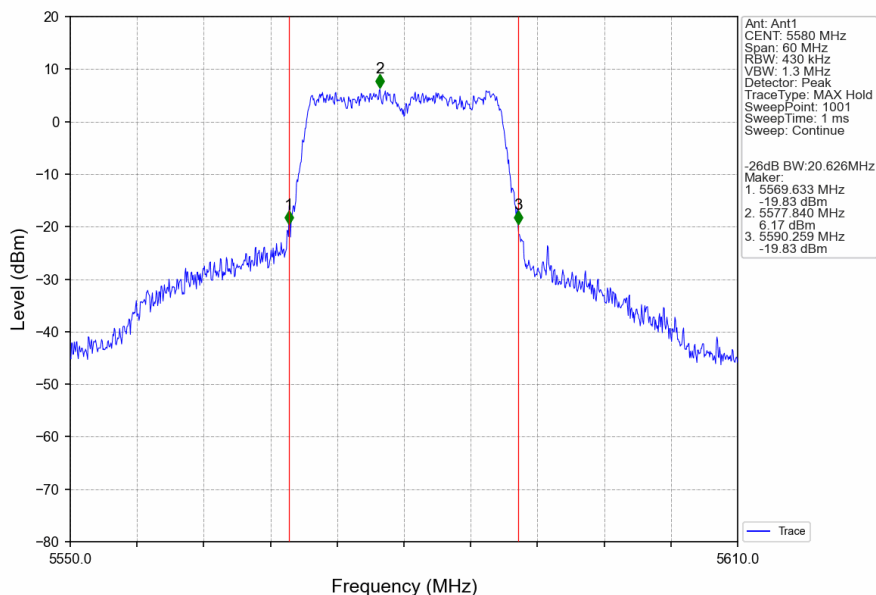
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



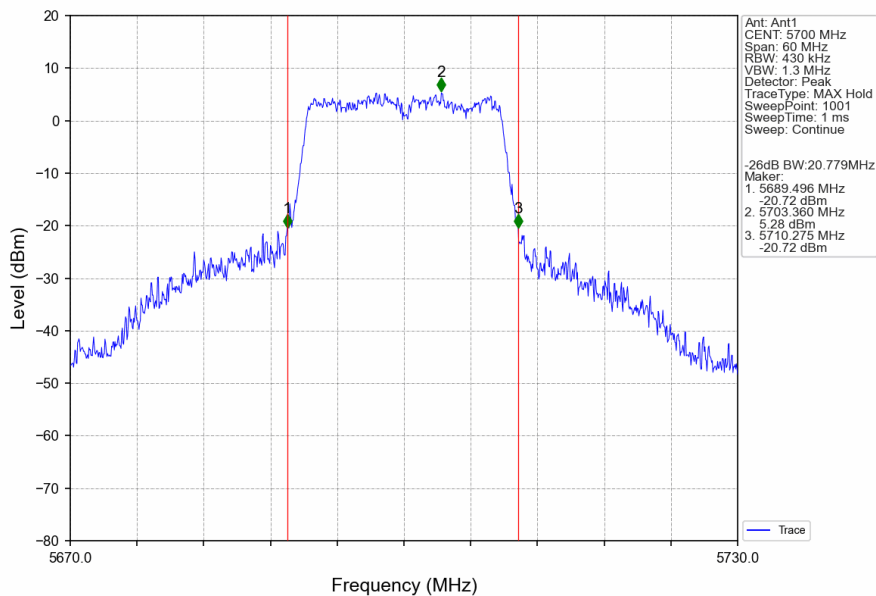
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



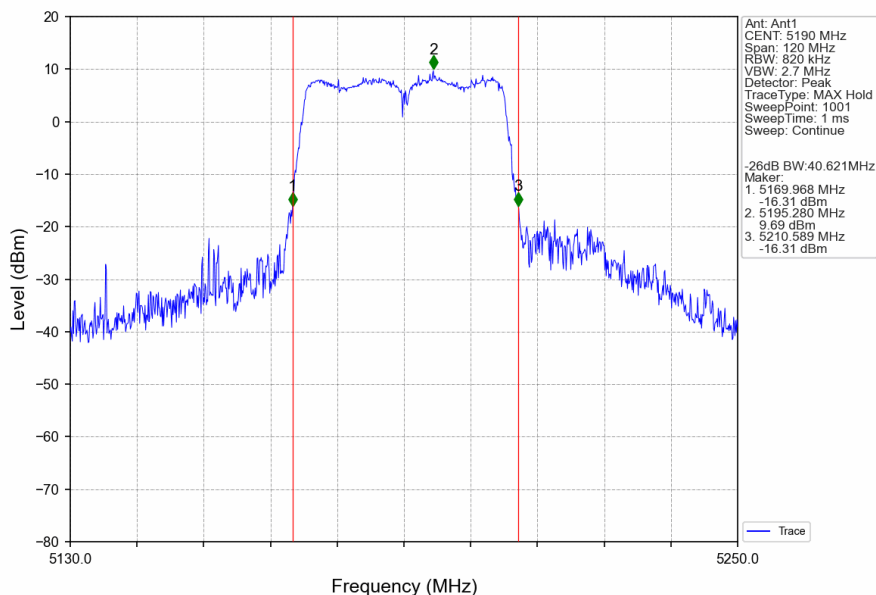
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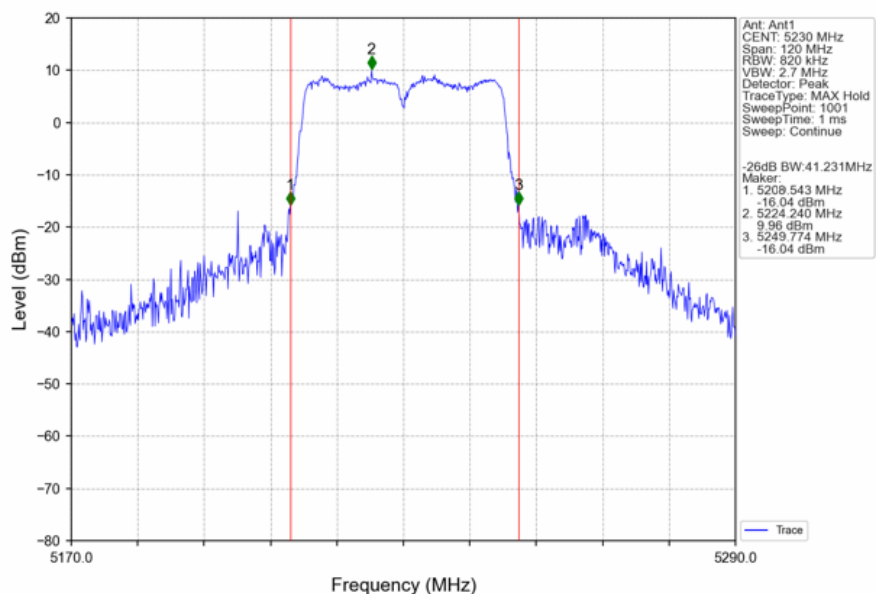
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



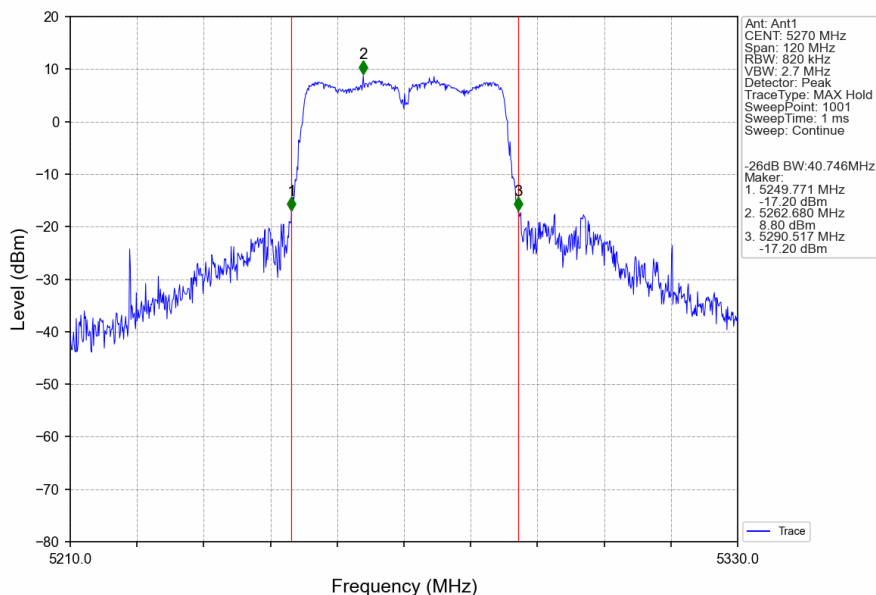
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



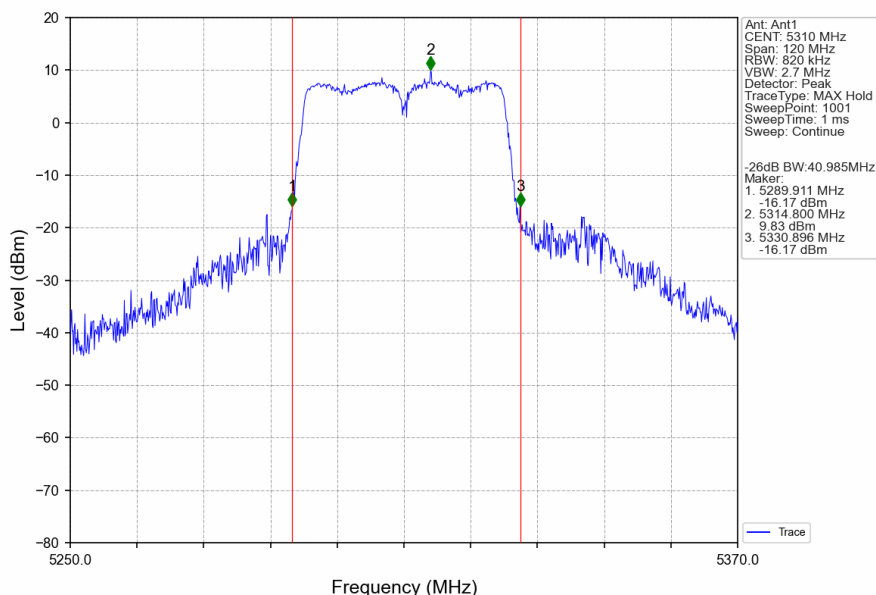
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



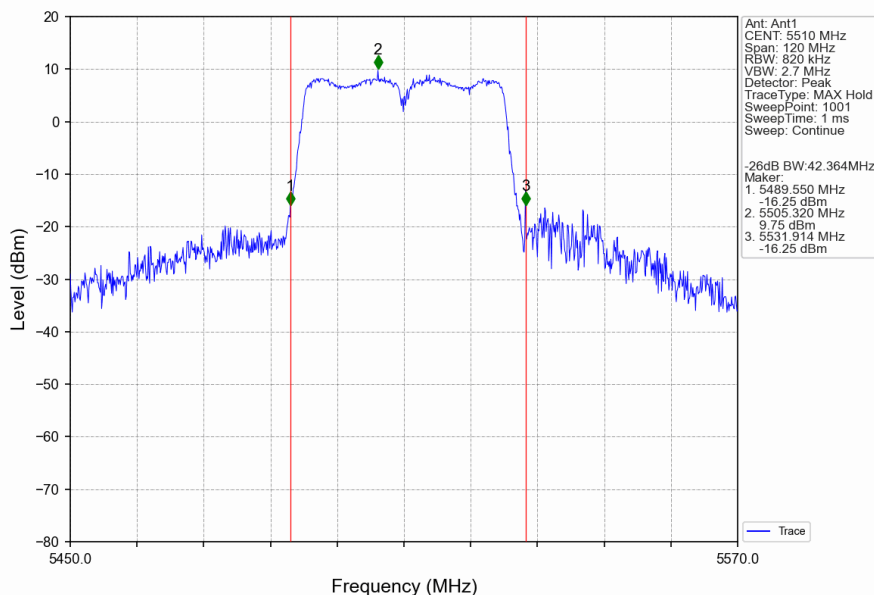
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



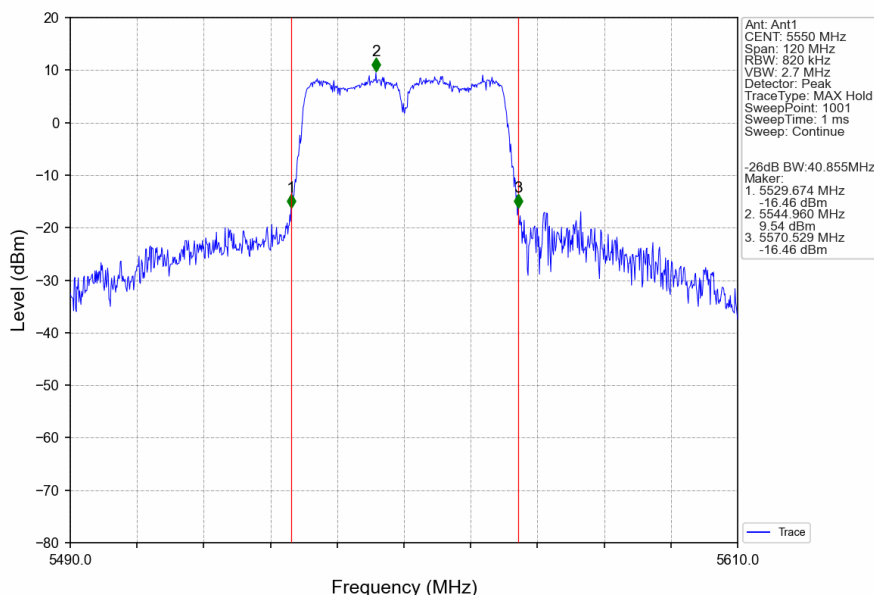
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



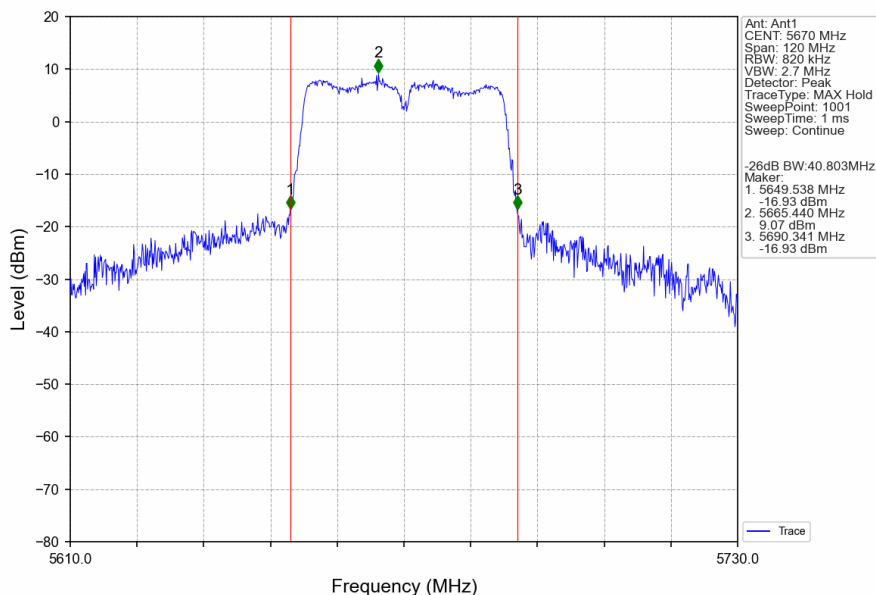
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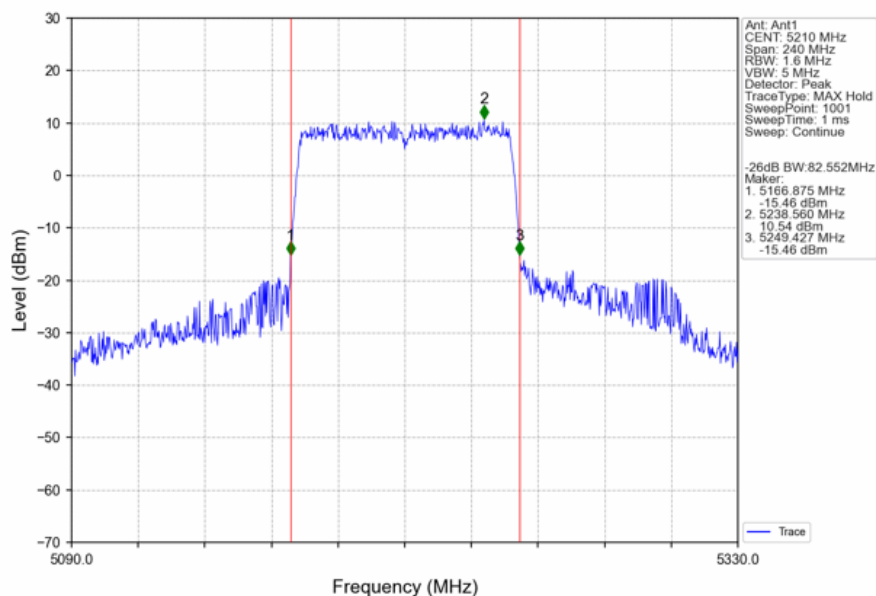
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



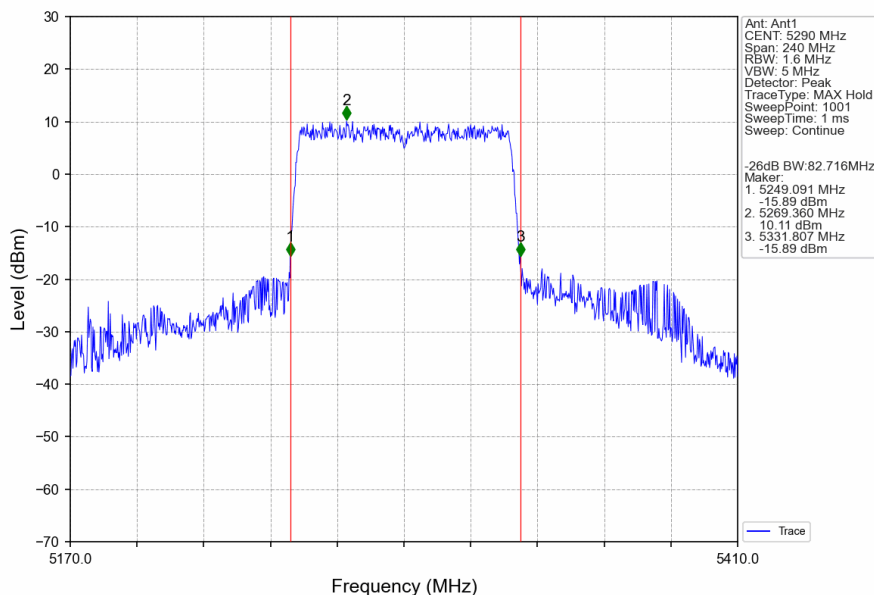
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



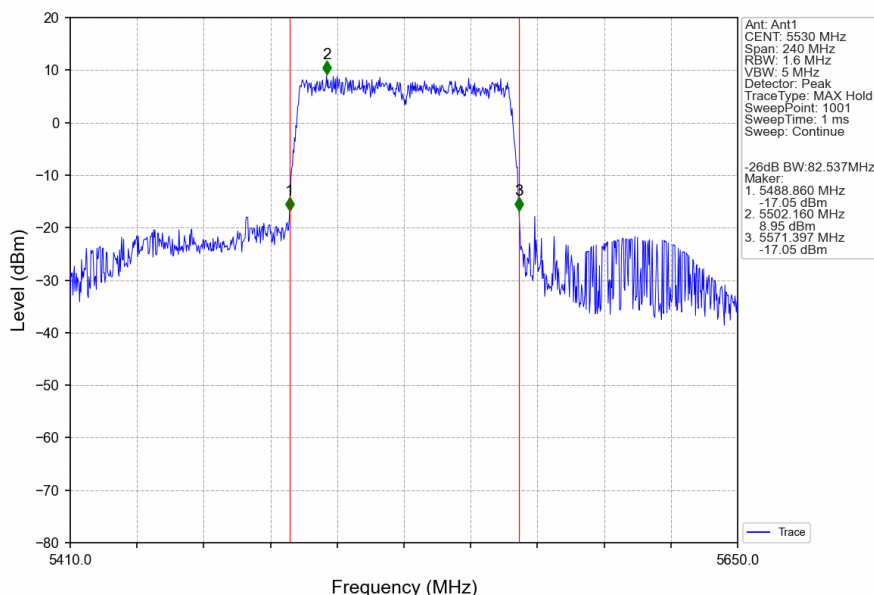
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



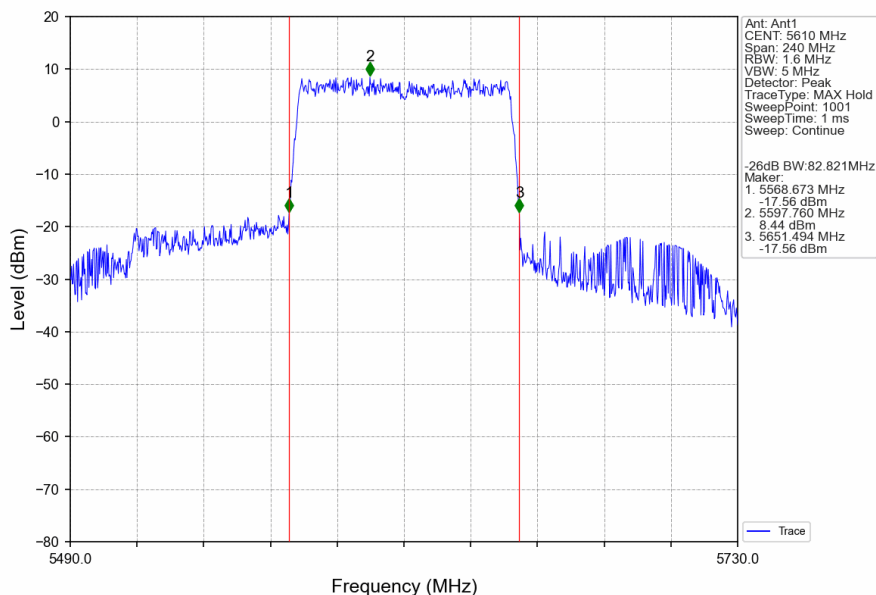
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



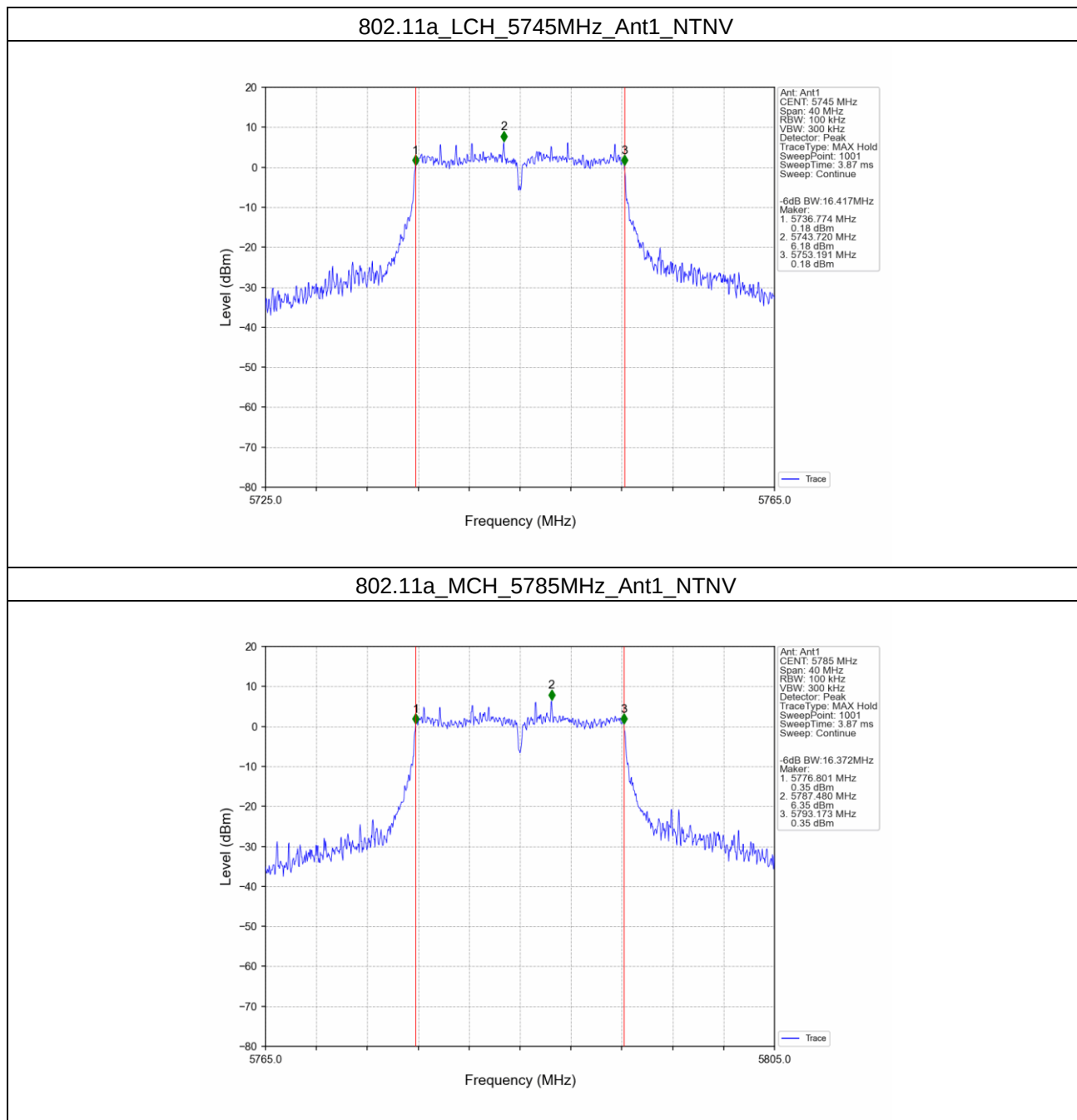
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



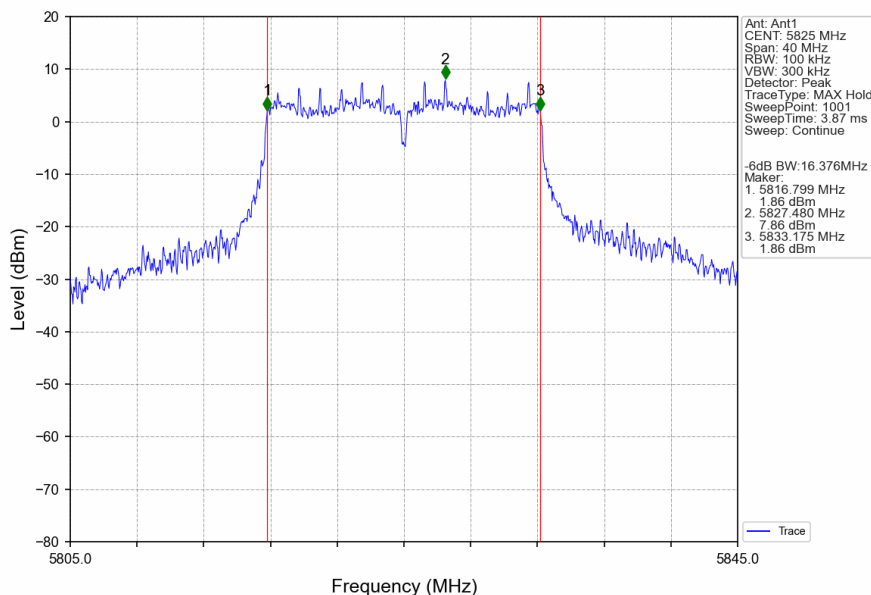
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



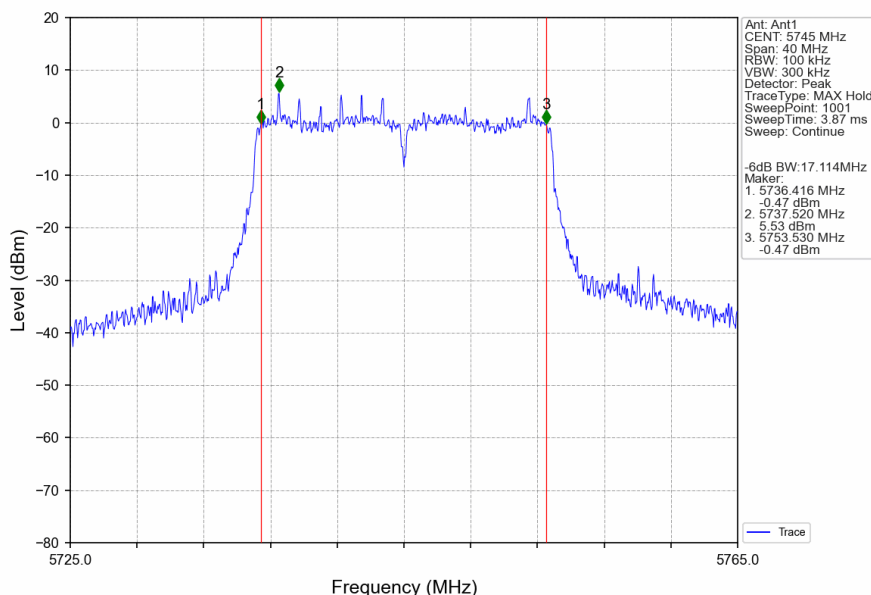
2.2.3 6dB BW



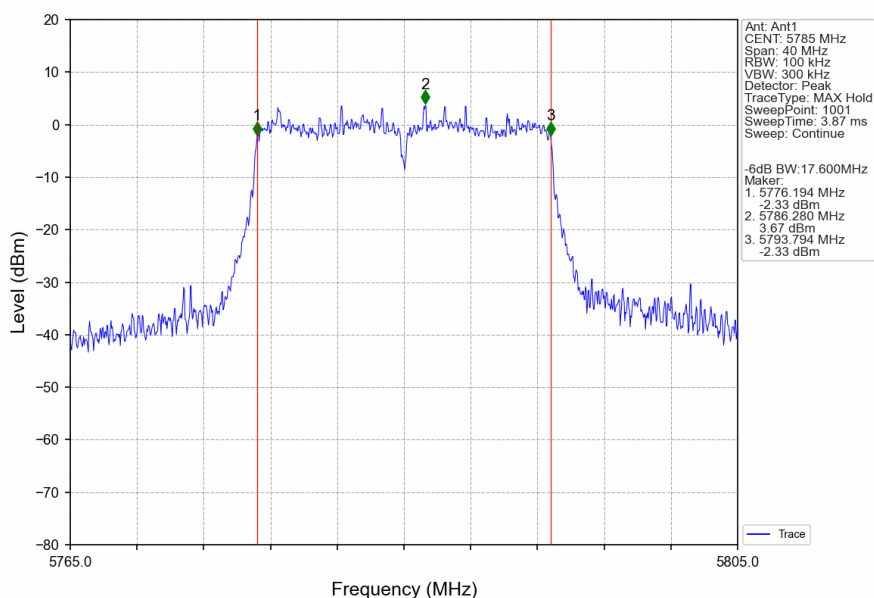
802.11a_HCH_5825MHz_Ant1_NTNV



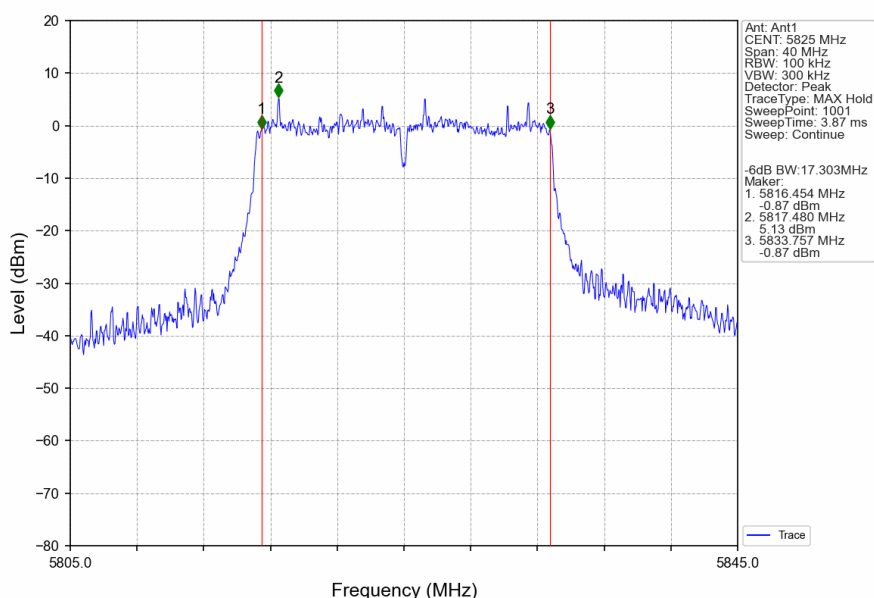
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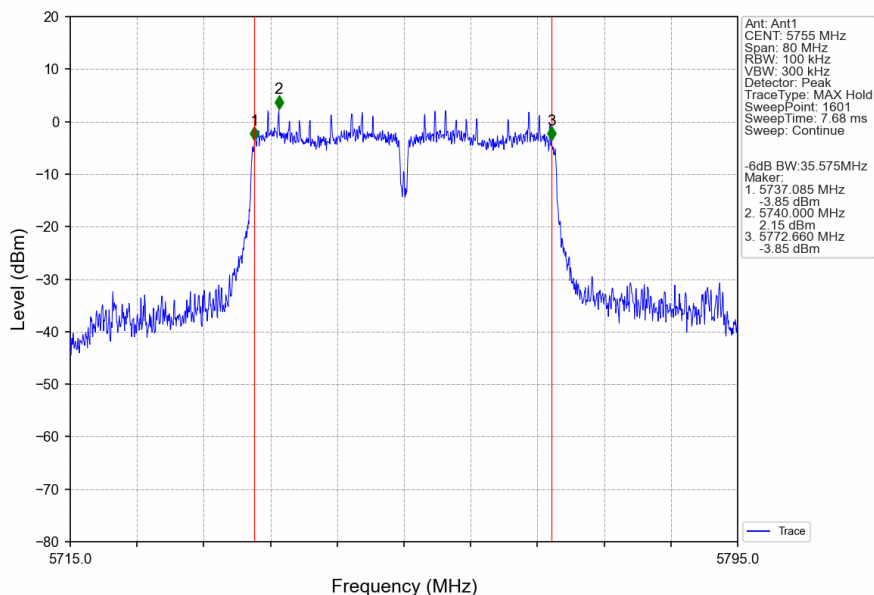
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



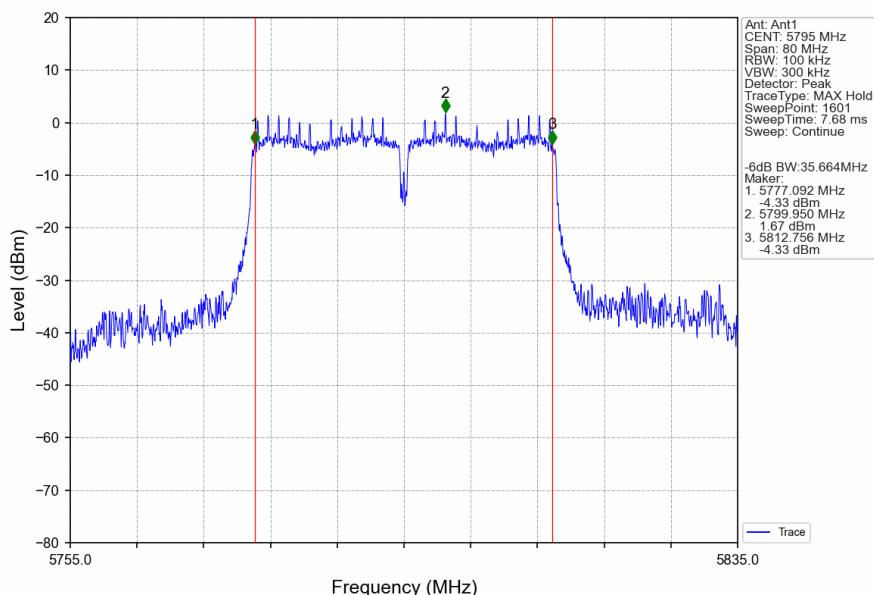
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



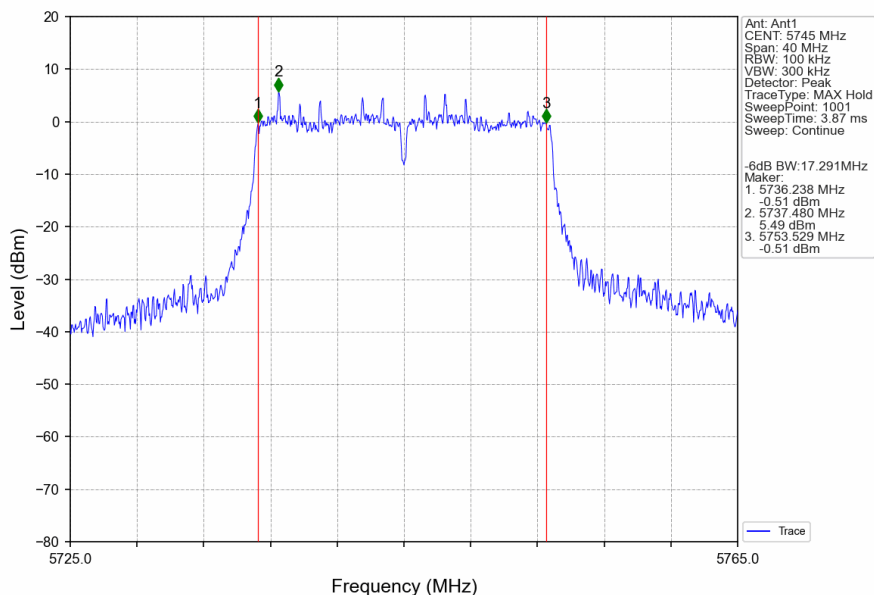
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



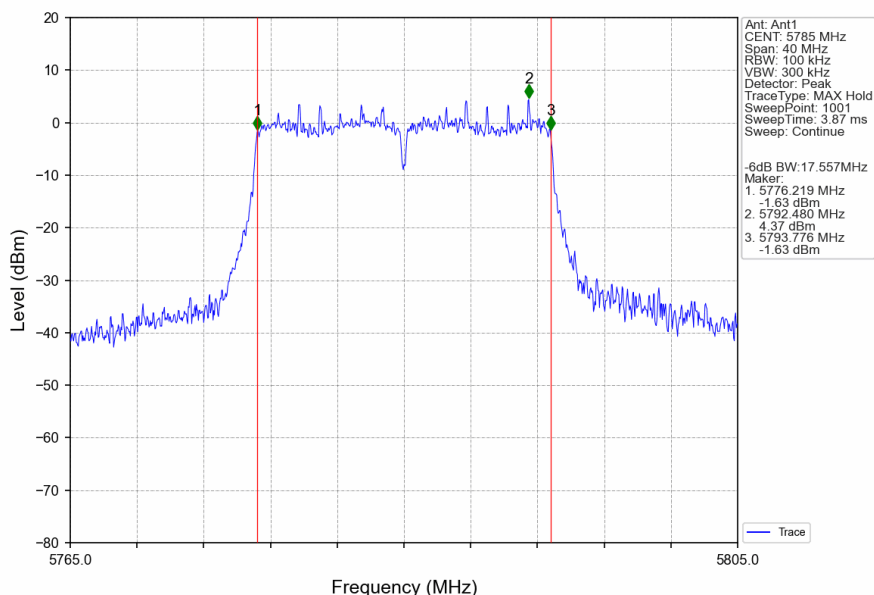
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



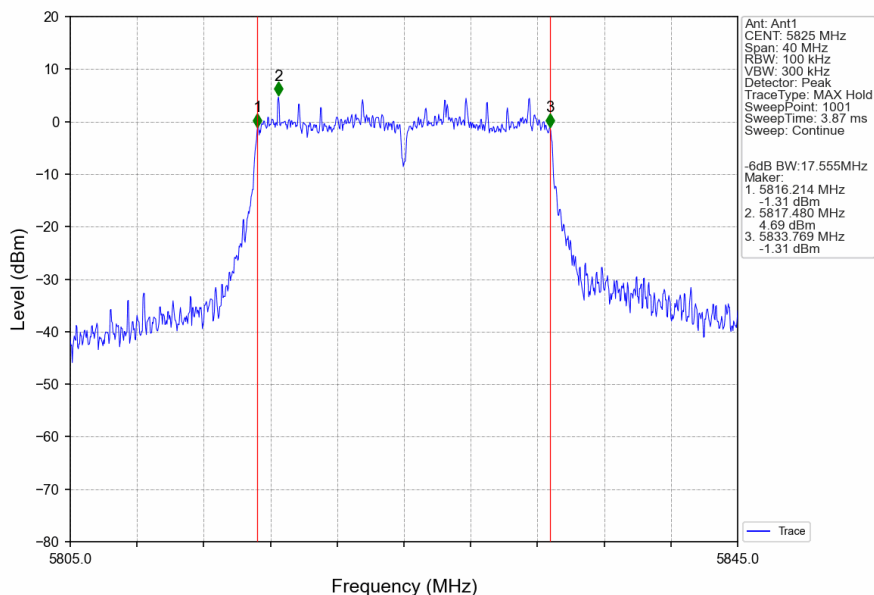
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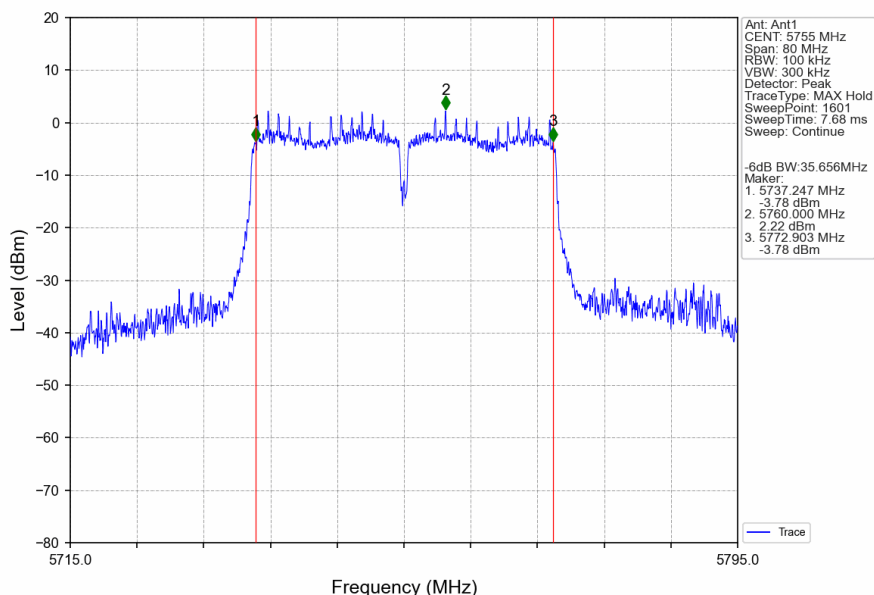
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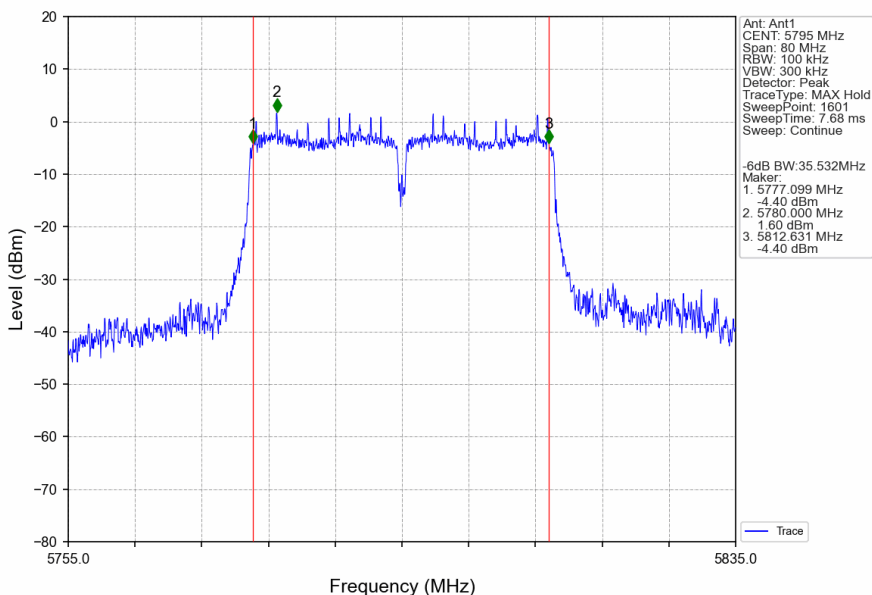
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



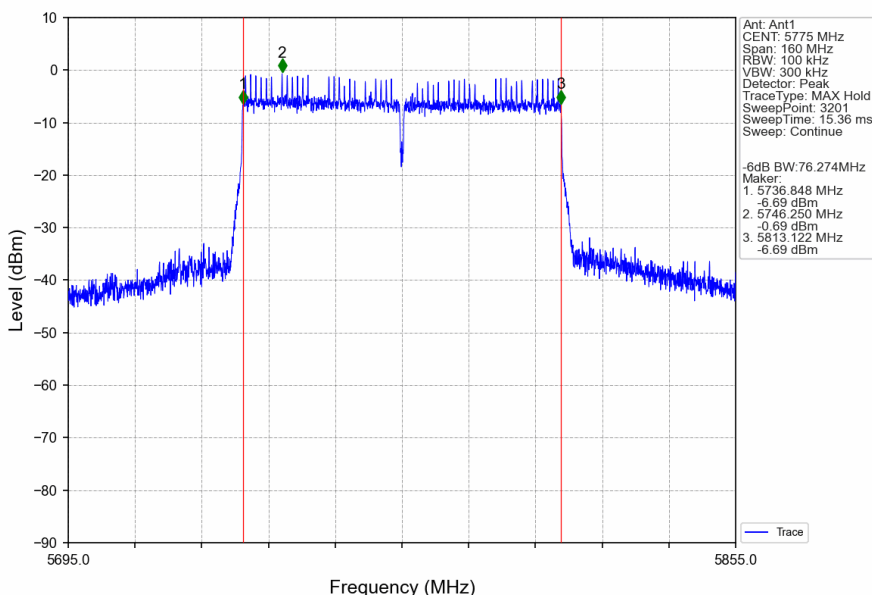
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	17.07	<=23.98	Pass
		5200	17.22	<=23.98	Pass
		5240	17.35	<=23.98	Pass
		5260	17.36	<=23.98	Pass
		5300	17.01	<=23.98	Pass
		5320	16.96	<=23.94	Pass
		5500	14.93	<=23.98	Pass
		5580	14.55	<=23.98	Pass
		5700	13.60	<=23.98	Pass
		5745	17.23	<=30	Pass
		5785	17.87	<=30	Pass
		5825	17.07	<=30	Pass
802.11n (HT20)	SISO	5180	15.53	<=23.98	Pass
		5200	15.96	<=23.98	Pass
		5240	15.88	<=23.98	Pass
		5260	15.92	<=23.98	Pass
		5300	15.24	<=23.98	Pass
		5320	15.67	<=23.98	Pass
		5500	12.75	<=23.98	Pass
		5580	12.37	<=23.98	Pass
		5700	11.39	<=23.98	Pass
		5745	15.52	<=30	Pass
		5785	15.01	<=30	Pass
		5825	15.37	<=30	Pass
802.11n (HT40)	SISO	5190	15.41	<=23.98	Pass
		5230	15.62	<=23.98	Pass
		5270	15.19	<=23.98	Pass
		5310	15.08	<=23.98	Pass
		5510	14.02	<=23.98	Pass
		5550	13.80	<=23.98	Pass

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		5670	13.05	<=23.98	Pass
		5755	15.60	<=30	Pass
		5795	14.89	<=30	Pass
802.11ac (VHT20)	SISO	5180	17.13	<=23.98	Pass
		5200	17.32	<=23.98	Pass
		5240	17.40	<=23.98	Pass
		5260	15.73	<=23.98	Pass
		5300	15.38	<=23.98	Pass
		5320	15.72	<=23.98	Pass
		5500	13.97	<=23.98	Pass
		5580	13.28	<=23.98	Pass
		5700	12.49	<=23.98	Pass
		5745	15.84	<=30	Pass
		5785	14.94	<=30	Pass
		5825	15.32	<=30	Pass
802.11ac (VHT40)	SISO	5190	16.10	<=23.98	Pass
		5230	16.56	<=23.98	Pass
		5270	15.59	<=23.98	Pass
		5310	15.80	<=23.98	Pass
		5510	13.54	<=23.98	Pass
		5550	15.01	<=23.98	Pass
		5670	12.30	<=23.98	Pass
		5755	15.59	<=30	Pass
		5795	15.06	<=30	Pass
802.11ac (VHT80)	SISO	5210	16.43	<=23.98	Pass
		5290	16.40	<=23.98	Pass
		5530	15.65	<=23.98	Pass
		5610	14.83	<=23.98	Pass
		5775	15.54	<=30	Pass

Note1:Antenna Gain: 2.50dBi

Remark: For band 5250-5350MHz, 5500-5700MHz, TPC low power was set to 6dB down than TPC high power.



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	6.21	<=11	Pass
		5200	6.28	<=11	Pass
		5240	6.39	<=11	Pass
		5260	6.38	<=11	Pass
		5300	6.20	<=11	Pass
		5320	6.07	<=11	Pass
		5500	4.03	<=11	Pass
		5580	3.69	<=11	Pass
		5700	2.82	<=11	Pass
802.11n (HT20)	SISO	5180	4.52	<=11	Pass
		5200	4.98	<=11	Pass
		5240	4.98	<=11	Pass
		5260	4.68	<=11	Pass
		5300	4.10	<=11	Pass
		5320	4.57	<=11	Pass
		5500	1.59	<=11	Pass
		5580	1.37	<=11	Pass
		5700	0.39	<=11	Pass
802.11n (HT40)	SISO	5190	1.28	<=11	Pass
		5230	1.53	<=11	Pass
		5270	1.05	<=11	Pass
		5310	0.99	<=11	Pass
		5510	-0.12	<=11	Pass
		5550	-0.30	<=11	Pass
		5670	-1.16	<=11	Pass
802.11ac (VHT20)	SISO	5180	6.14	<=11	Pass
		5200	6.20	<=11	Pass
		5240	6.22	<=11	Pass
		5260	4.69	<=11	Pass
		5300	4.14	<=11	Pass
		5320	4.60	<=11	Pass

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		5500	2.79	<=11	Pass
		5580	2.24	<=11	Pass
		5700	1.42	<=11	Pass
802.11ac (VHT40)	SISO	5190	2.12	<=11	Pass
		5230	2.57	<=11	Pass
		5270	1.42	<=11	Pass
		5310	1.63	<=11	Pass
		5510	-0.50	<=11	Pass
		5550	1.69	<=11	Pass
		5670	-1.71	<=11	Pass
		802.11ac (VHT80)	SISO	5210	-1.63
5290	-1.64			<=11	Pass
5530	-1.87			<=11	Pass
5610	-2.94			<=11	Pass
Note1:Antenna Gain: 2.50dBi					

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	3.54	<=30	Pass
		5785	4.20	<=30	Pass
		5825	3.26	<=30	Pass
802.11n (HT20)	SISO	5745	1.51	<=30	Pass
		5785	1.06	<=30	Pass
		5825	1.43	<=30	Pass
802.11n (HT40)	SISO	5755	-1.43	<=30	Pass
		5795	-1.85	<=30	Pass
802.11ac (VHT20)	SISO	5745	1.77	<=30	Pass
		5785	0.96	<=30	Pass
		5825	1.54	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.46	<=30	Pass
		5795	-2.11	<=30	Pass
802.11ac (VHT80)	SISO	5775	-4.61	<=30	Pass
Note1:Antenna Gain: 2.50dBi					



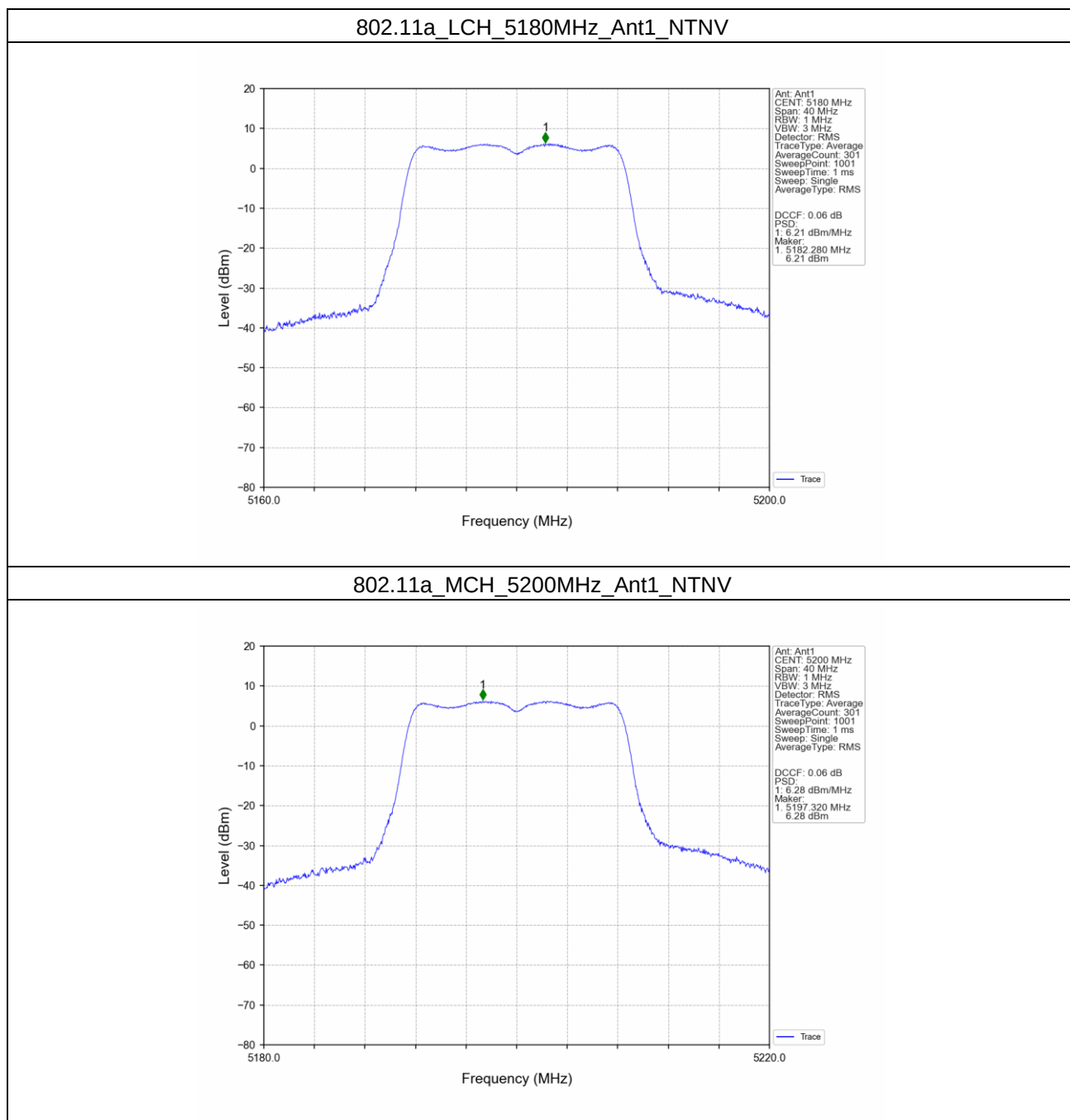
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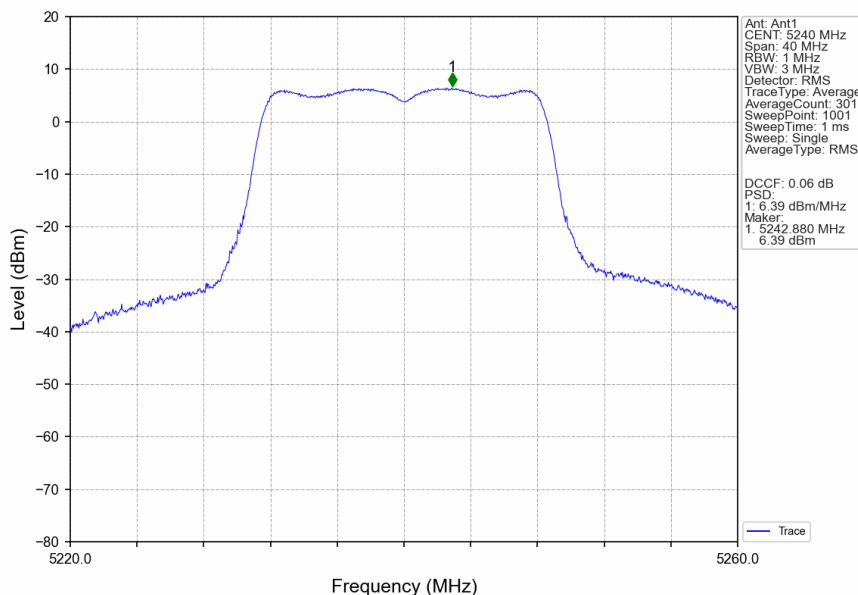
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.2 Test Graph

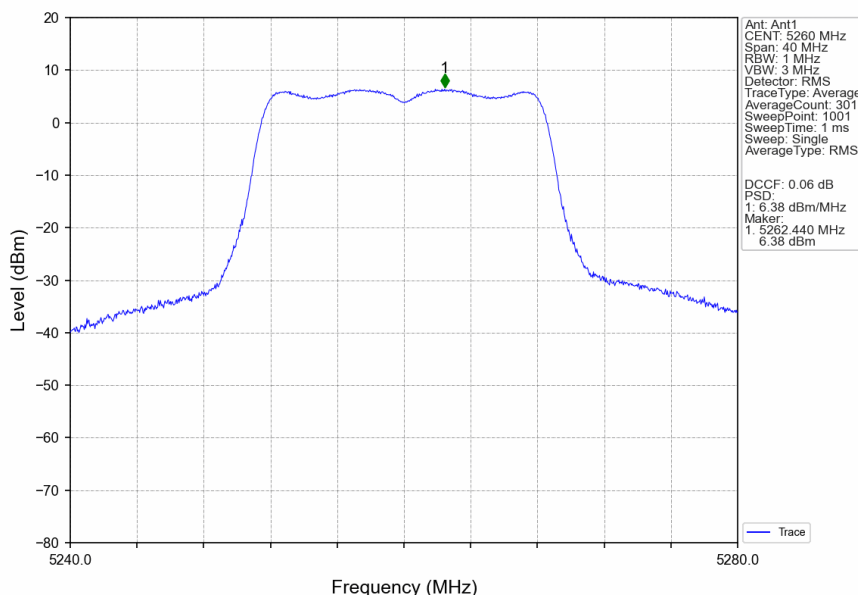
4.2.1 PSD



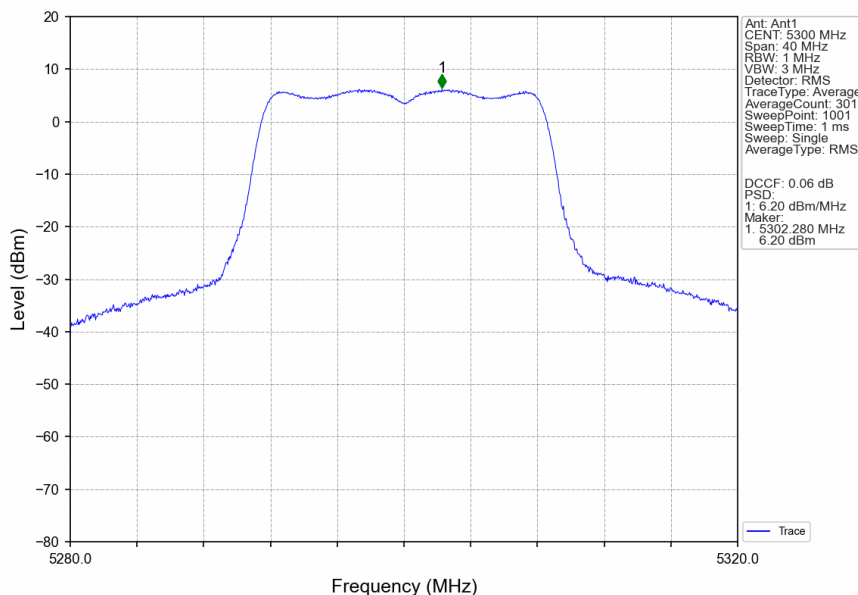
802.11a_HCH_5240MHz_Ant1_NTNV



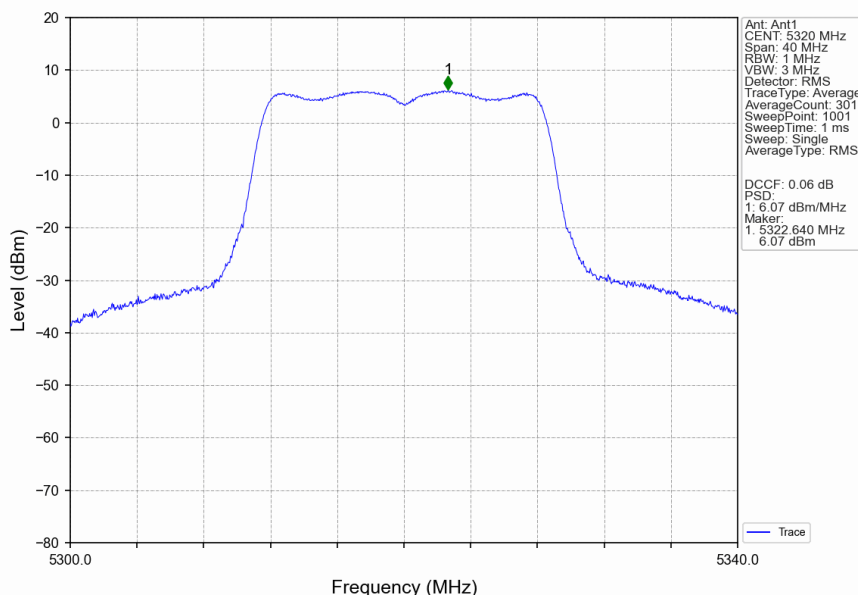
802.11a_LCH_5260MHz_Ant1_NTNV



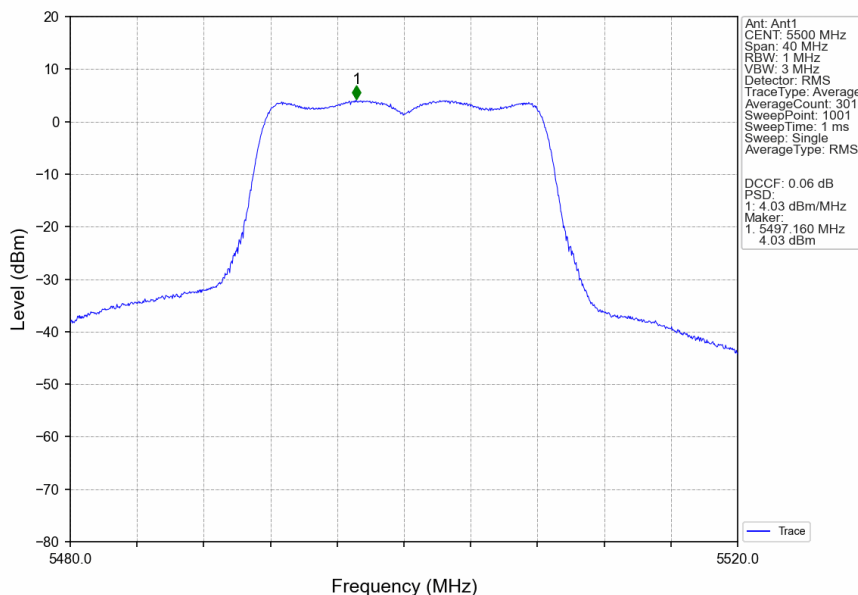
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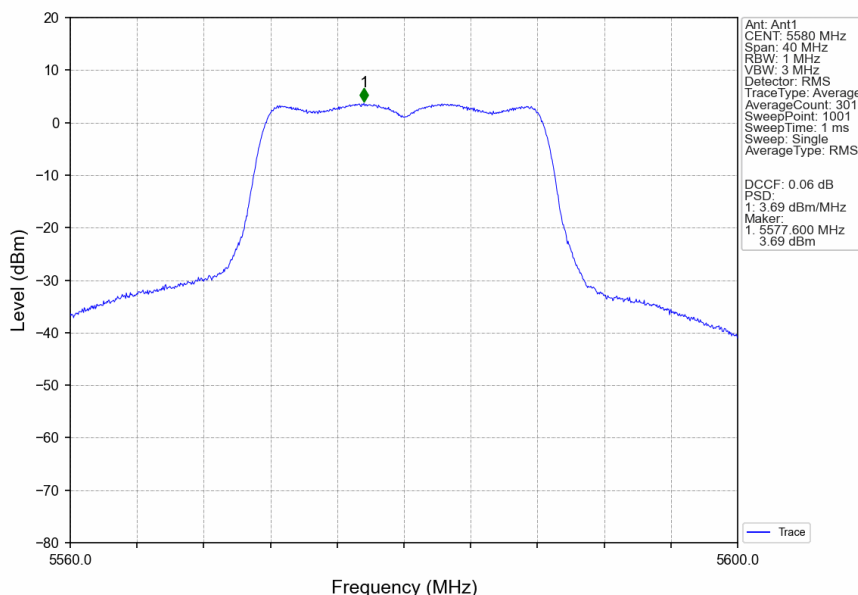
802.11a_HCH_5320MHz_Ant1_NTNV



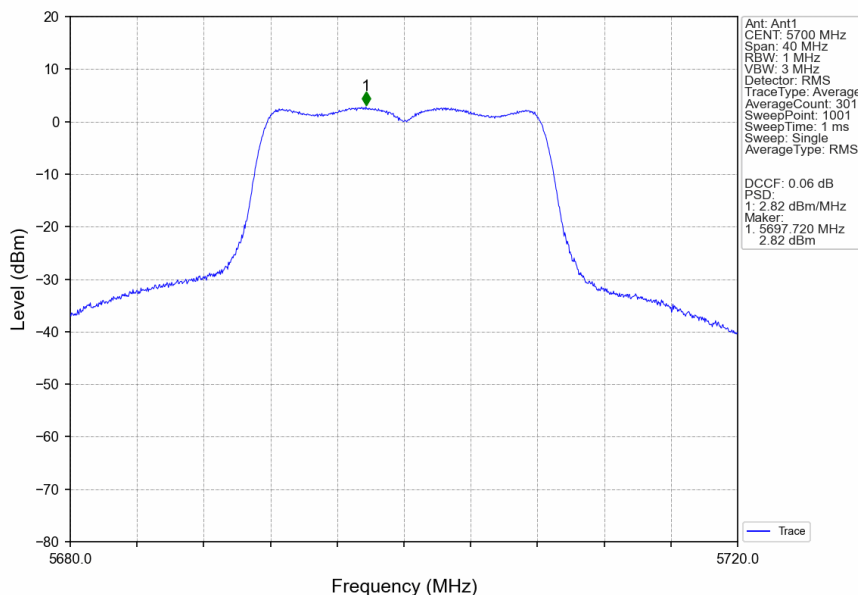
802.11a_LCH_5500MHz_Ant1_NTNV



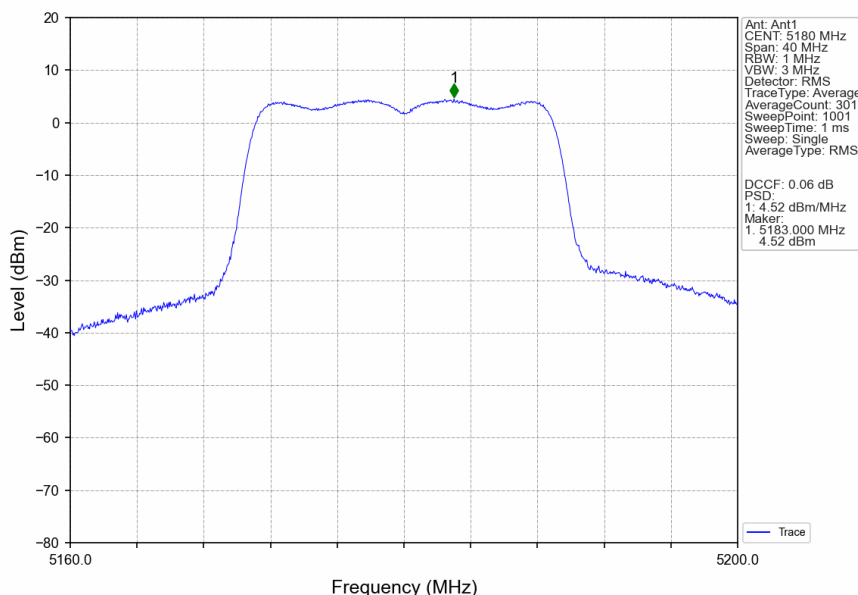
802.11a_MCH_5580MHz_Ant1_NTNV



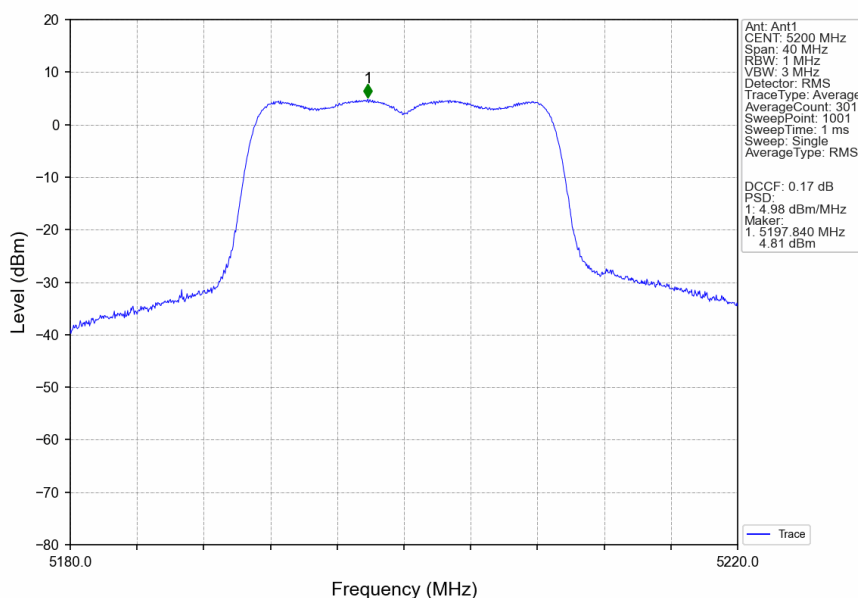
802.11a_HCH_5700MHz_Ant1_NTNV



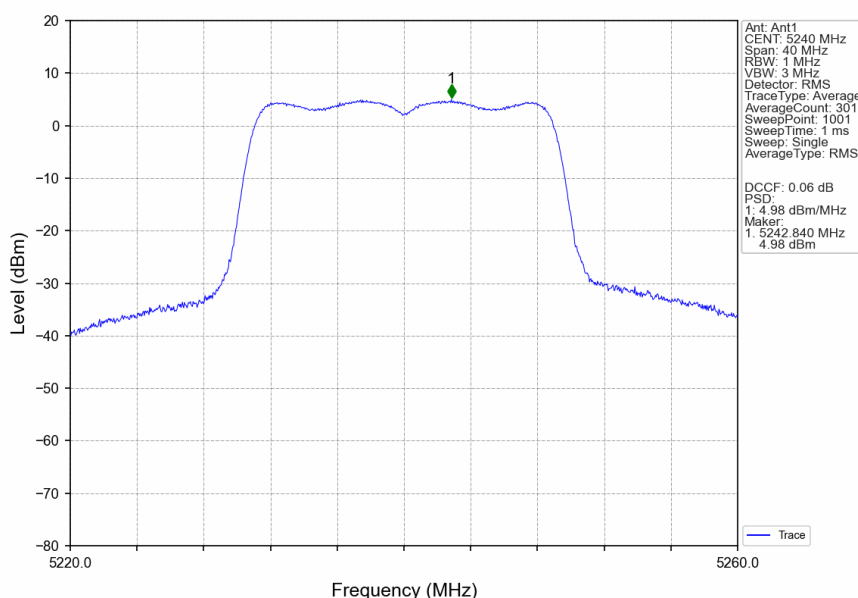
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



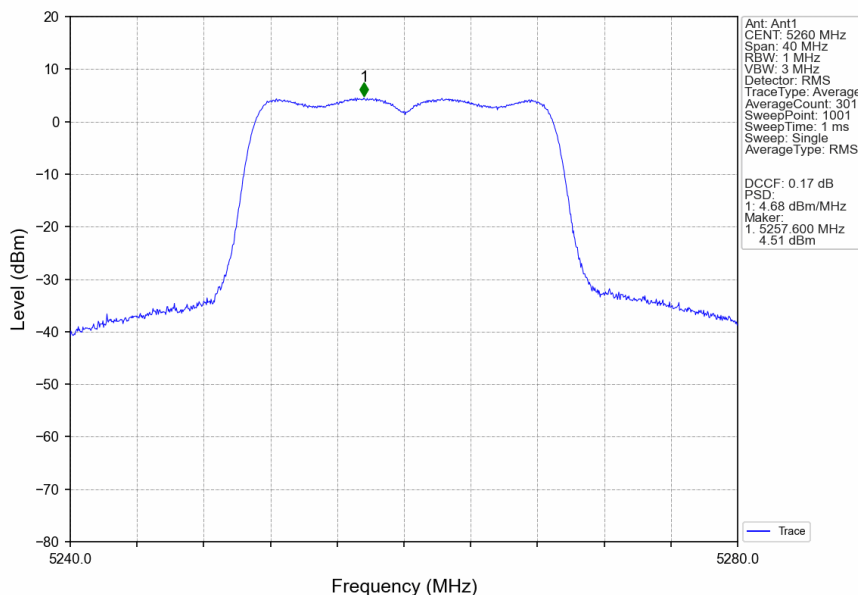
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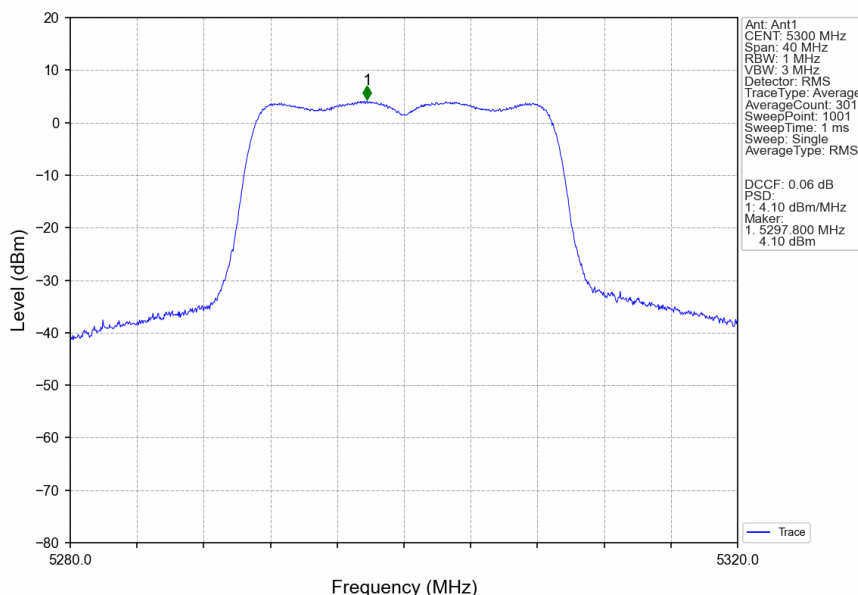
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



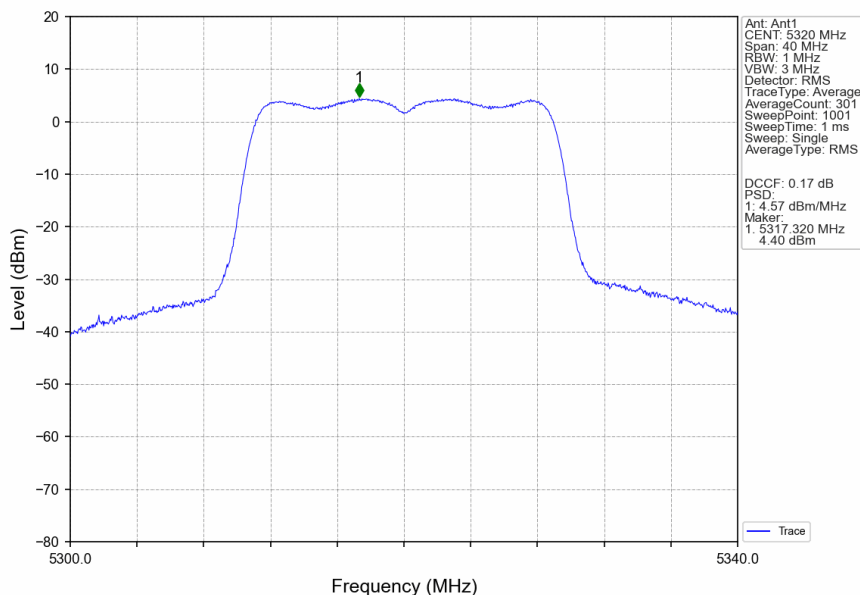
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



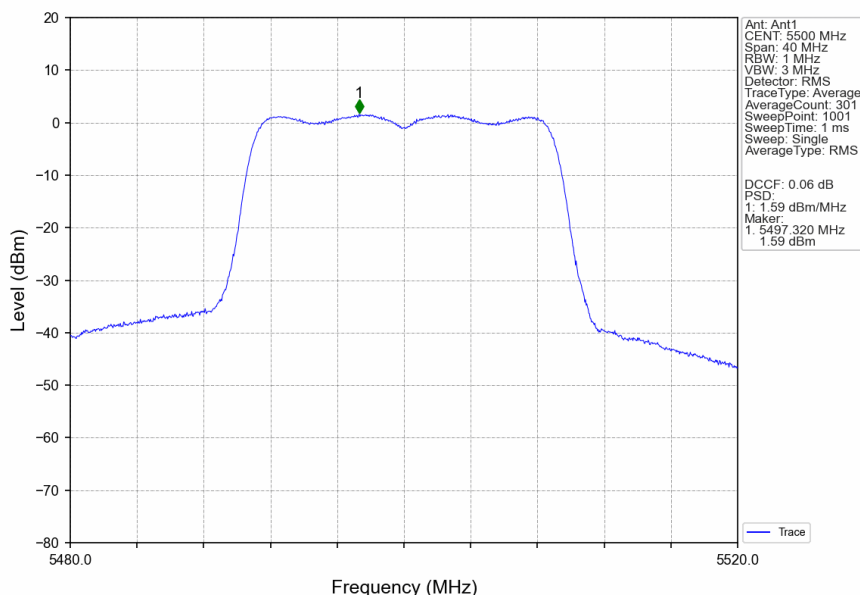
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



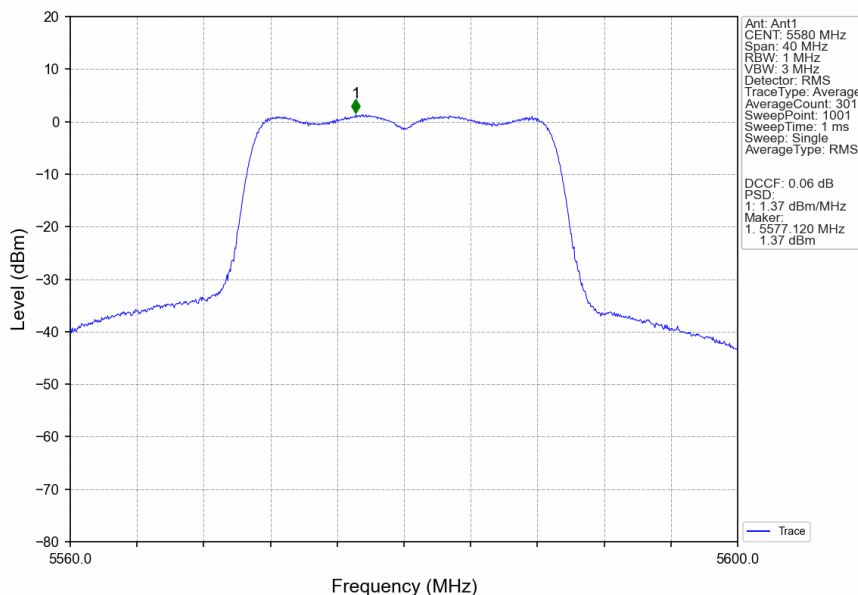
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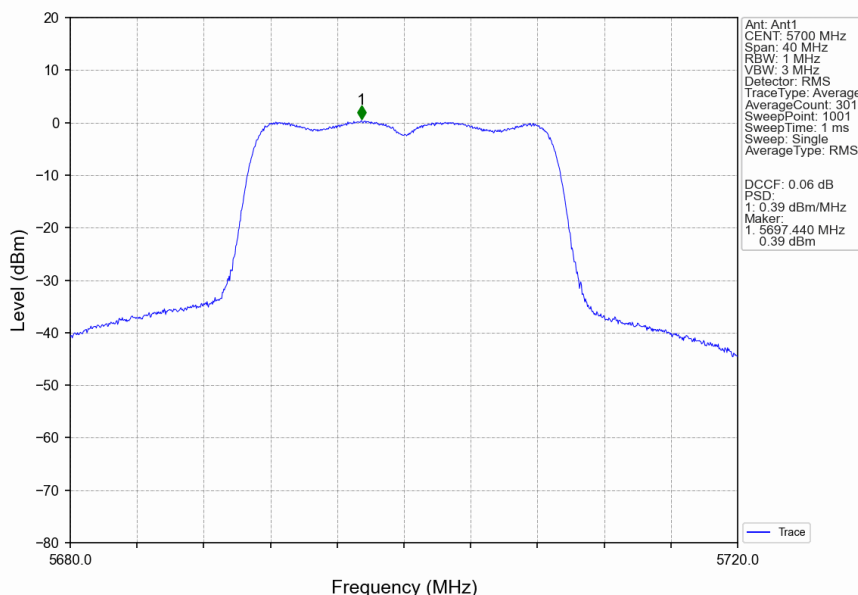
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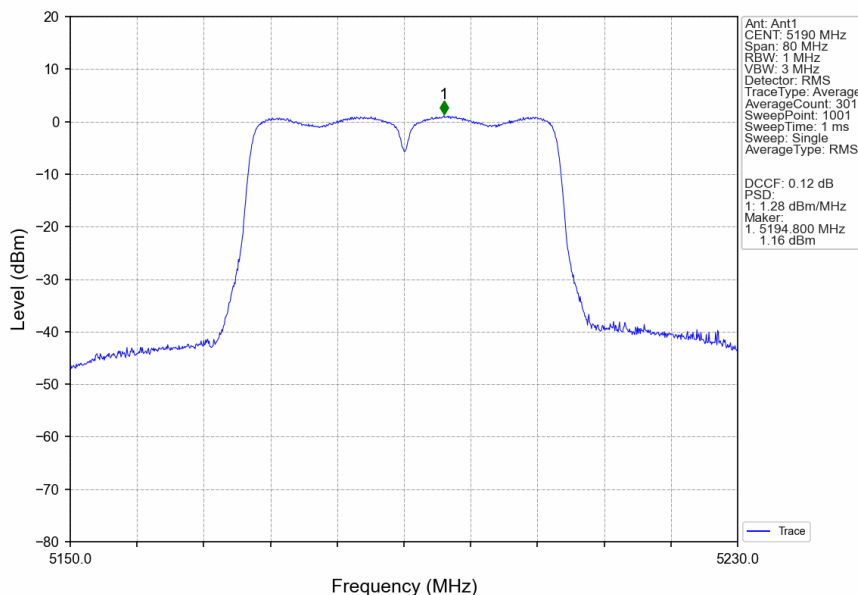
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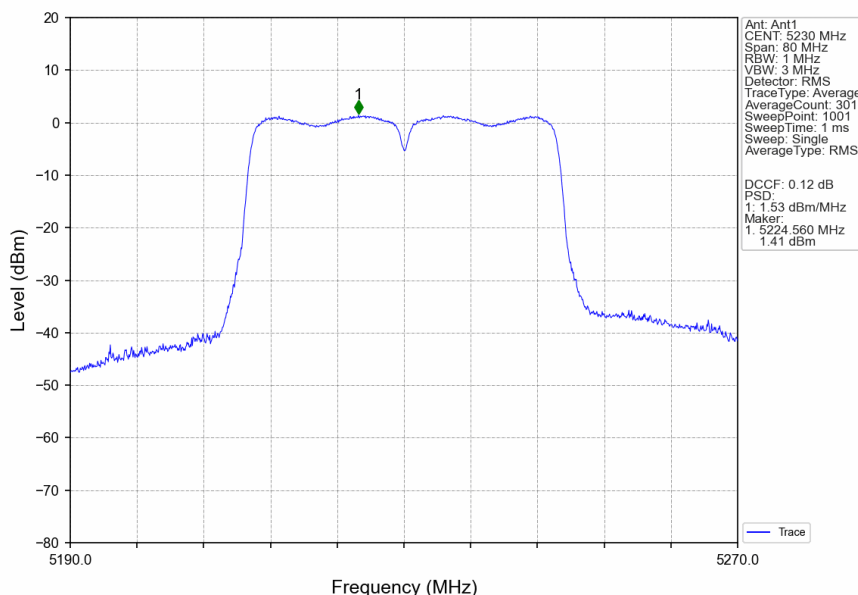
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



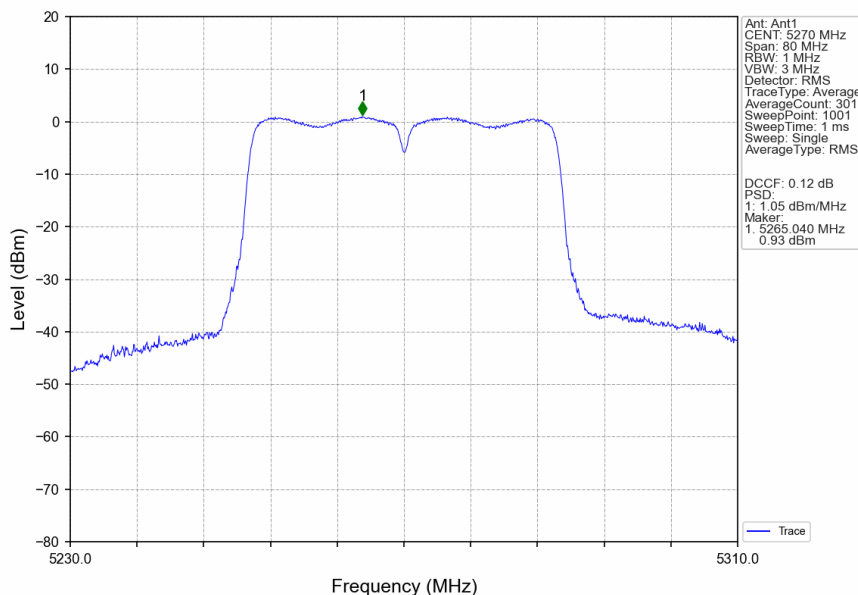
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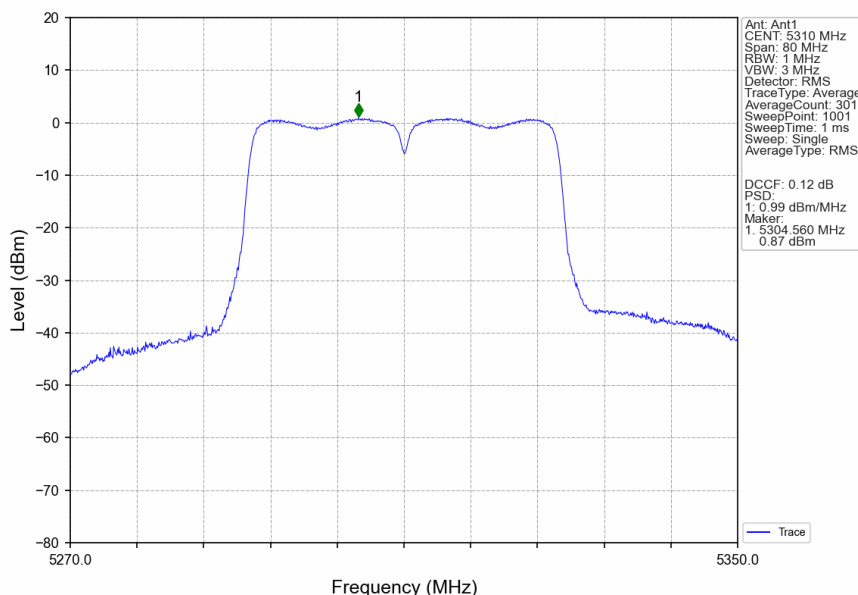
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



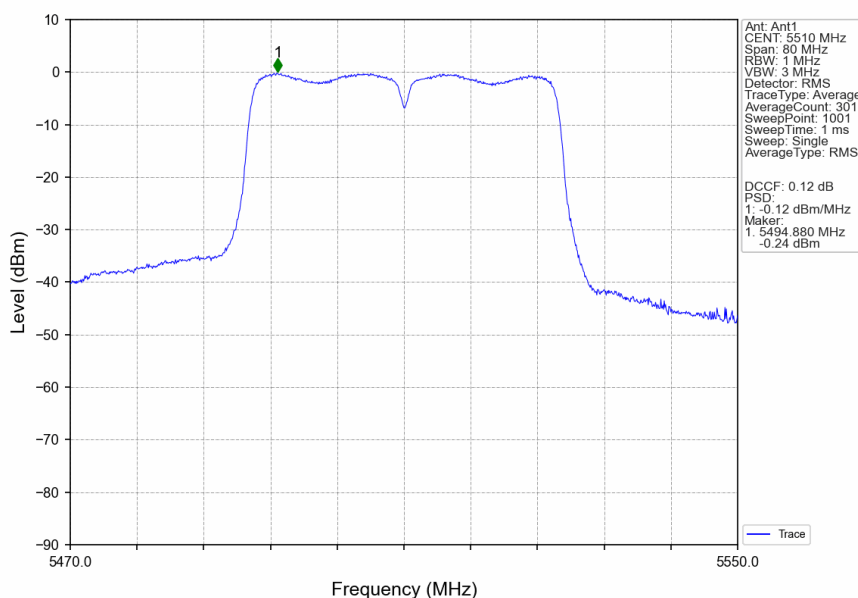
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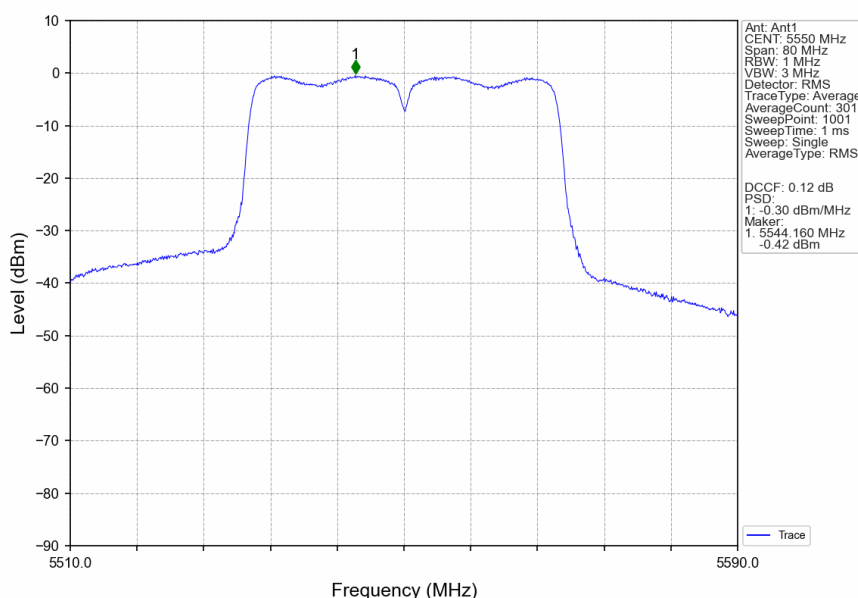
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



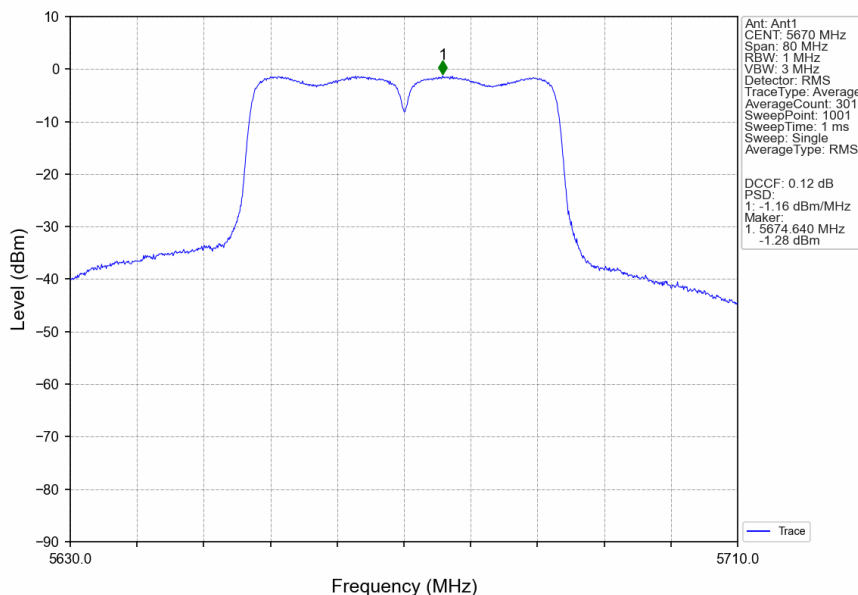
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



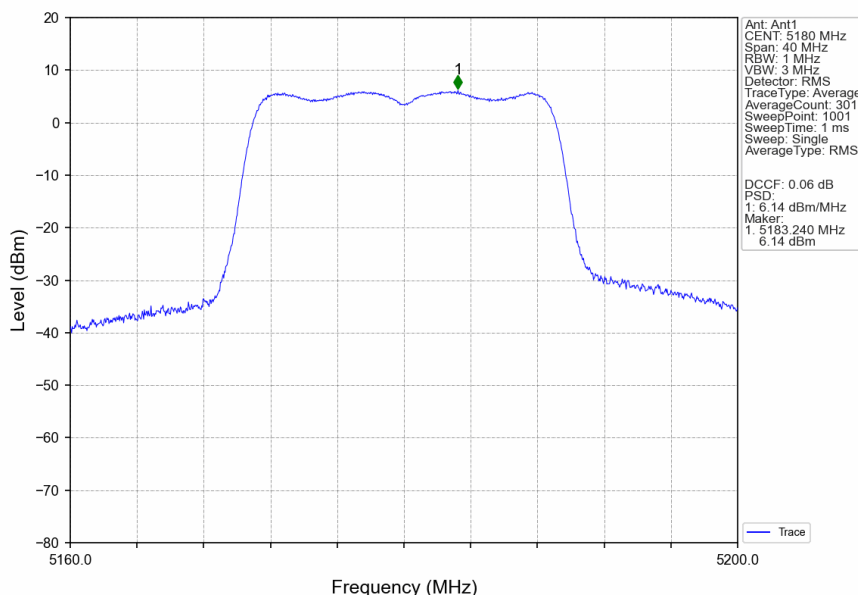
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



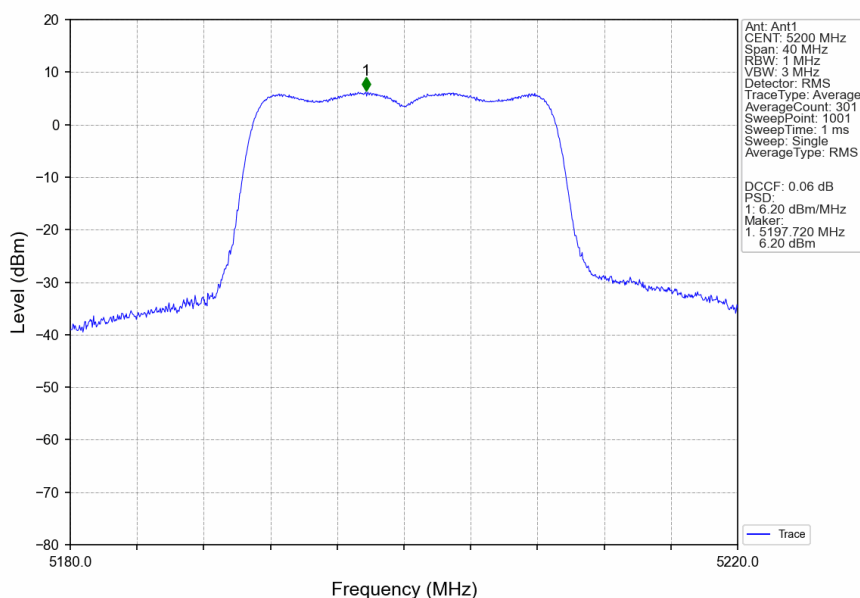
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



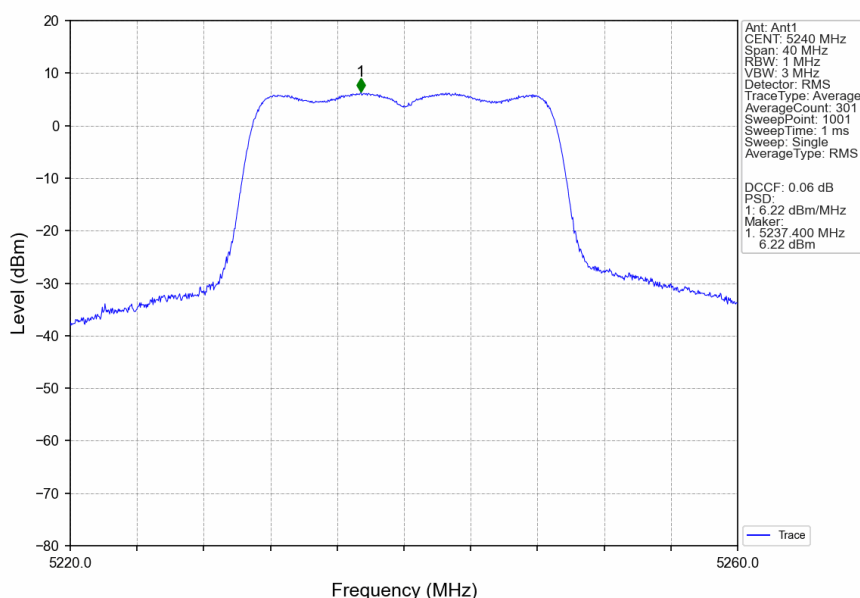
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



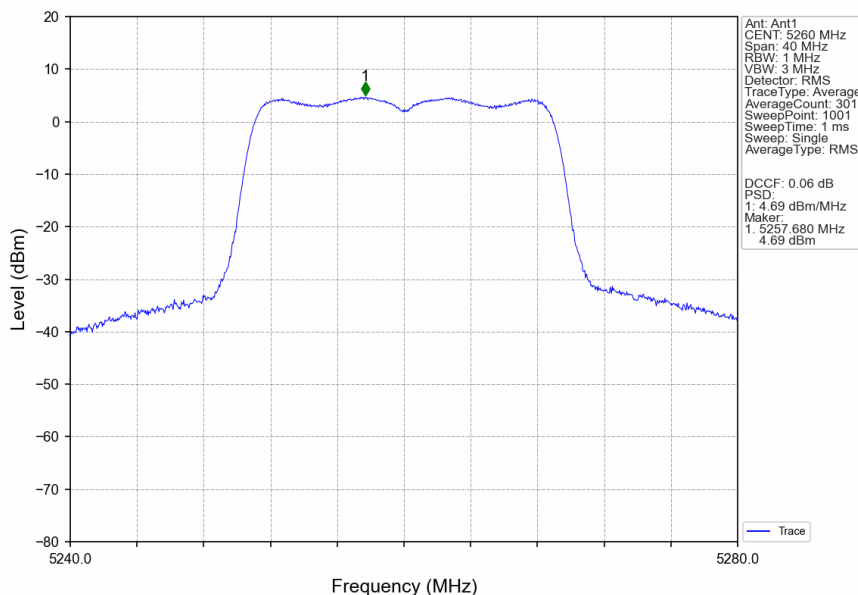
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



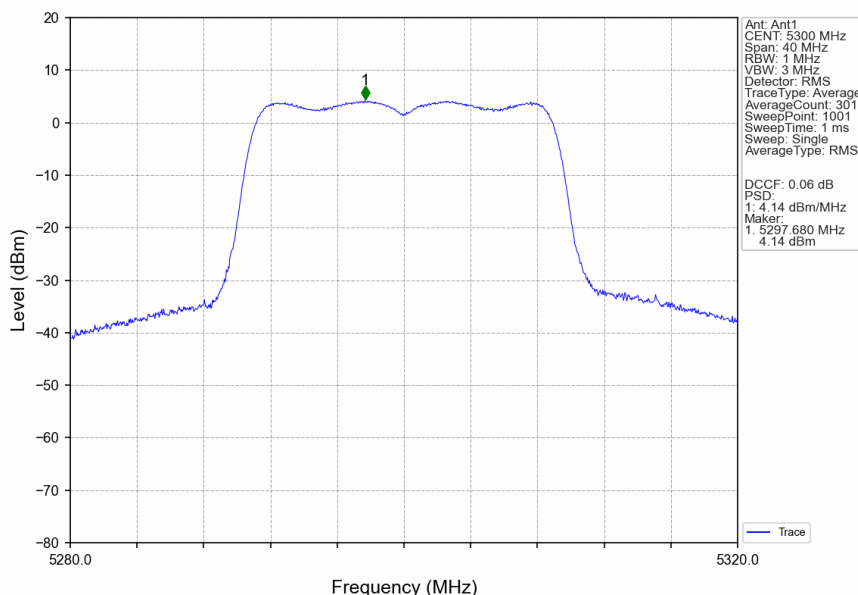
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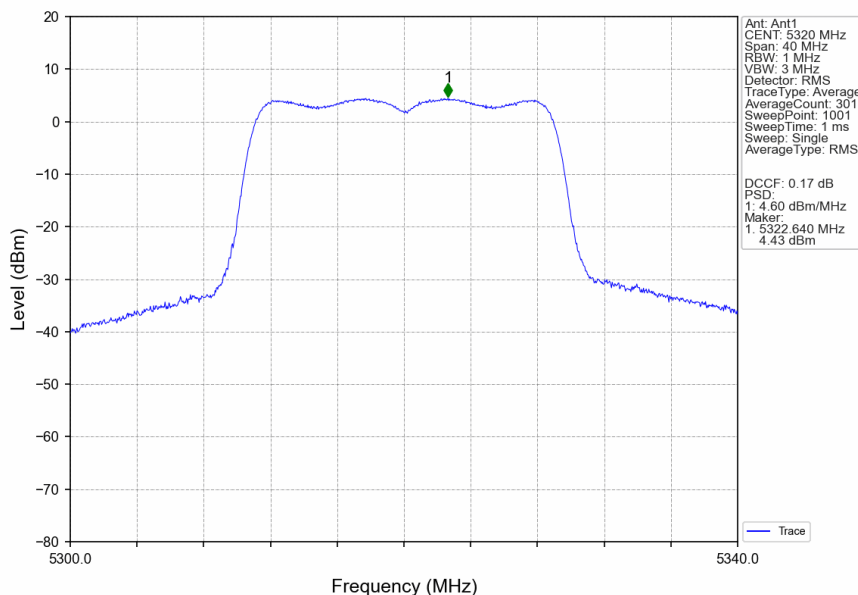
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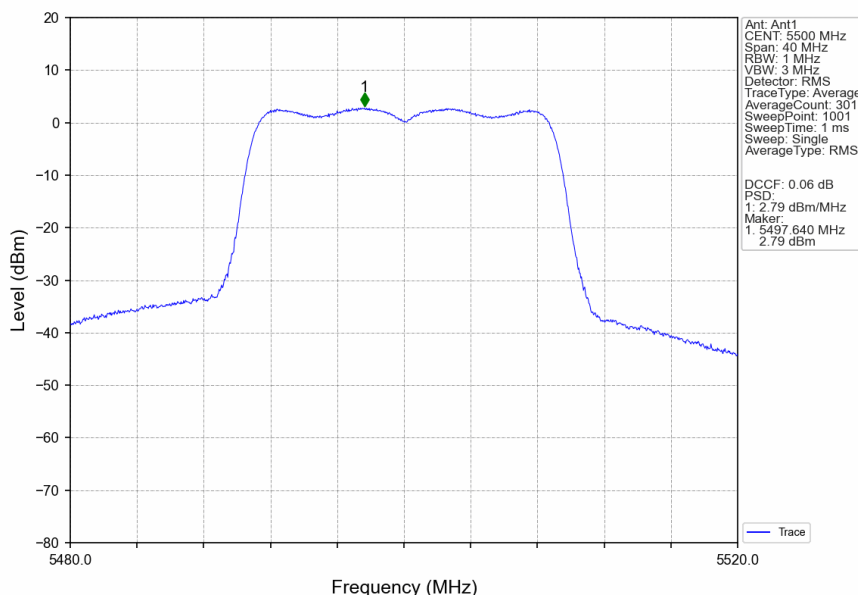
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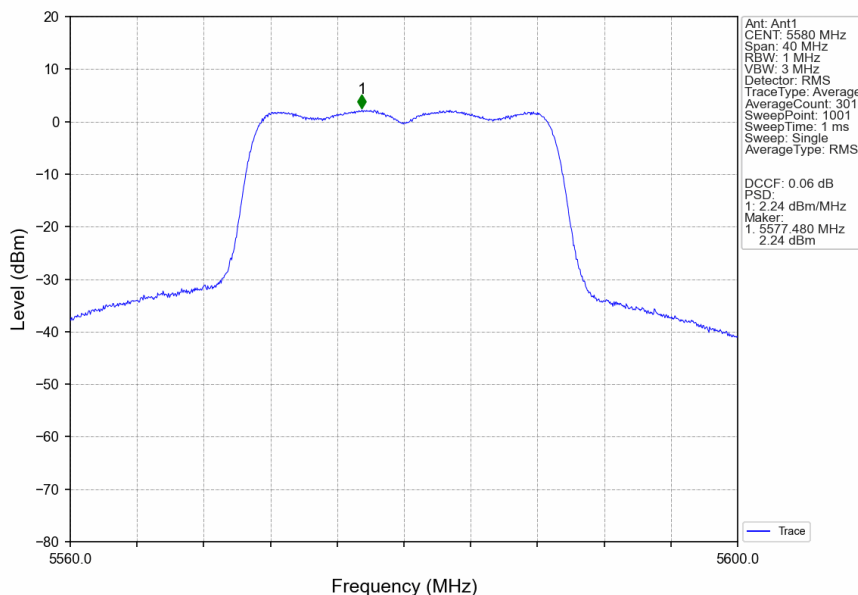
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

