

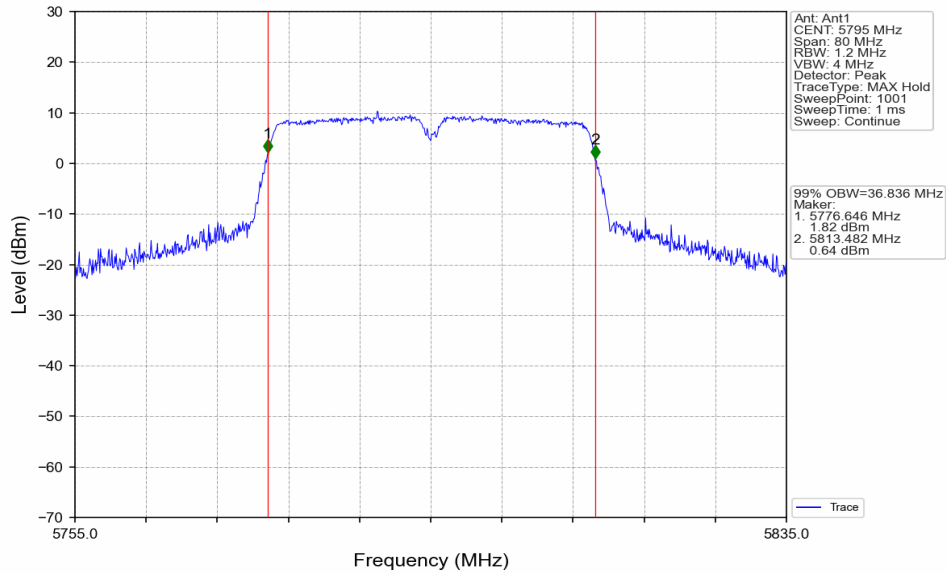
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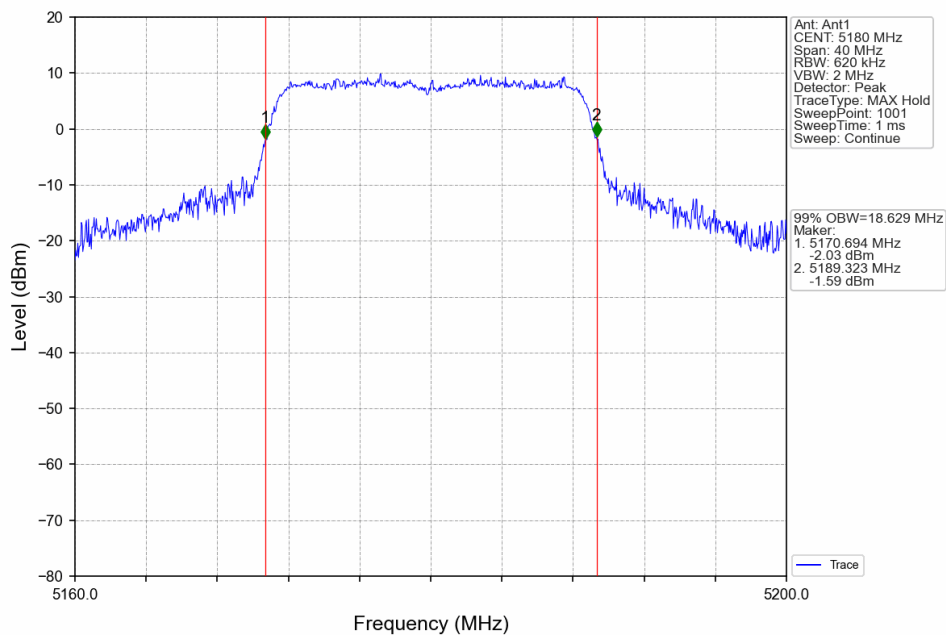
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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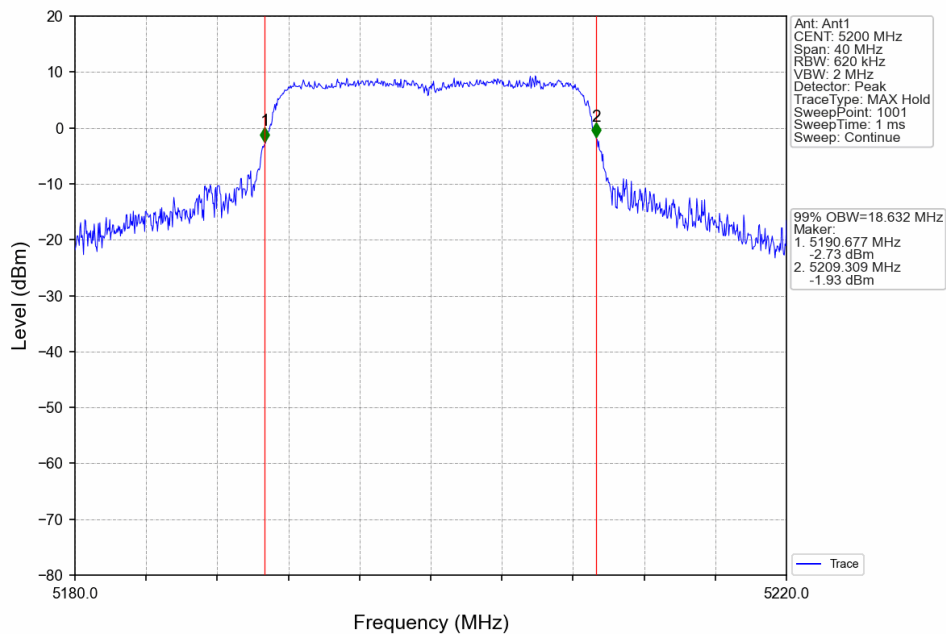
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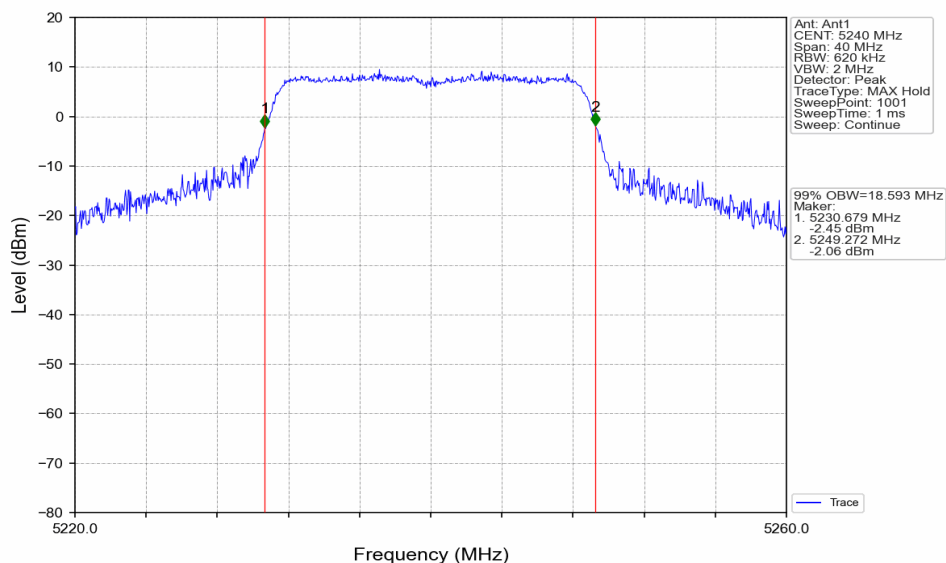
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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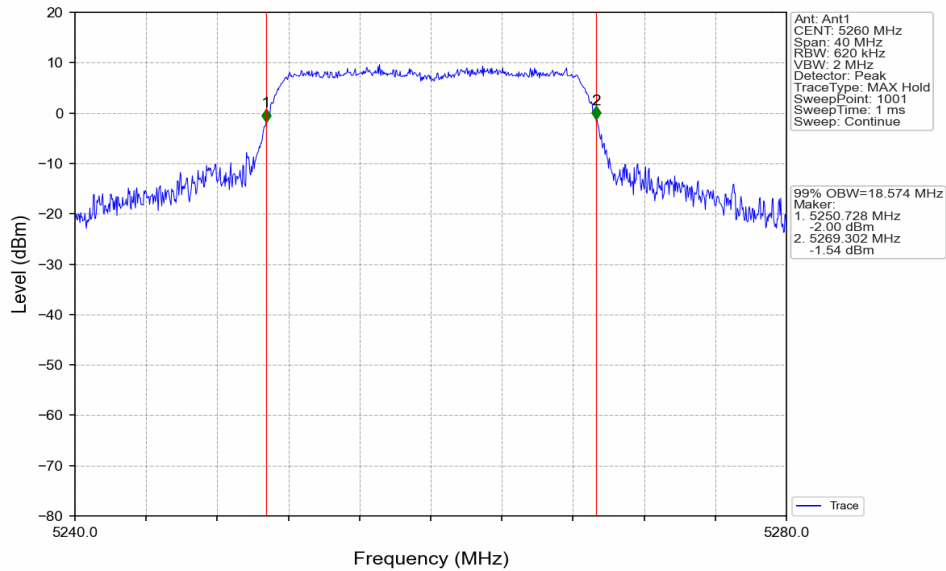
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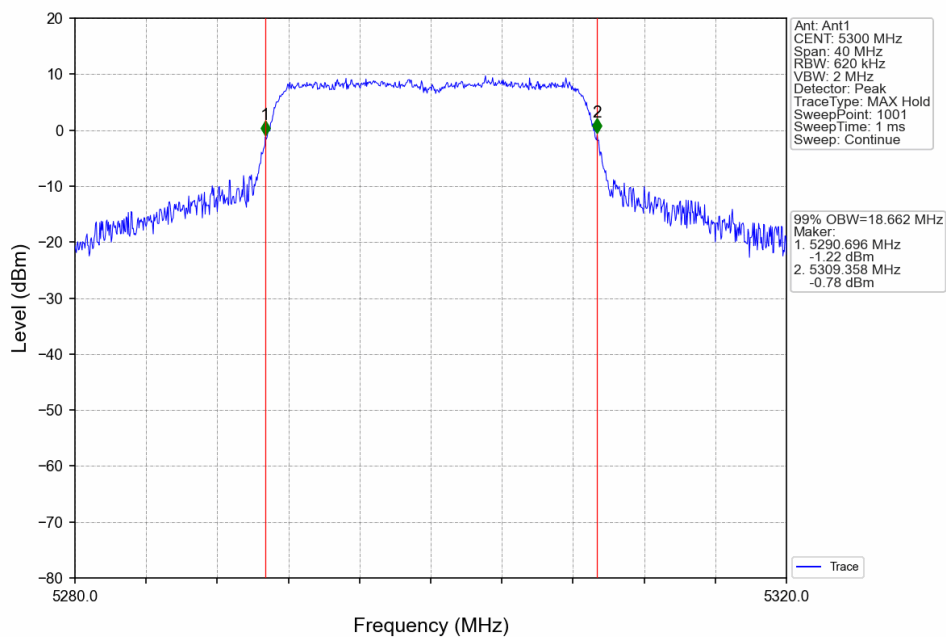
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



SGS-CSTC Standards Technical Services Co., Ltd.
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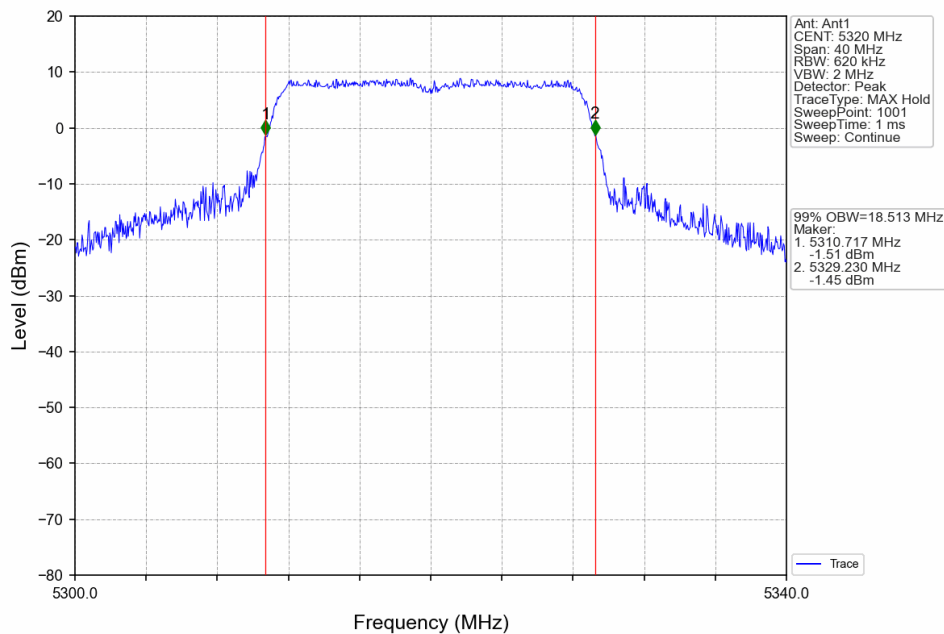
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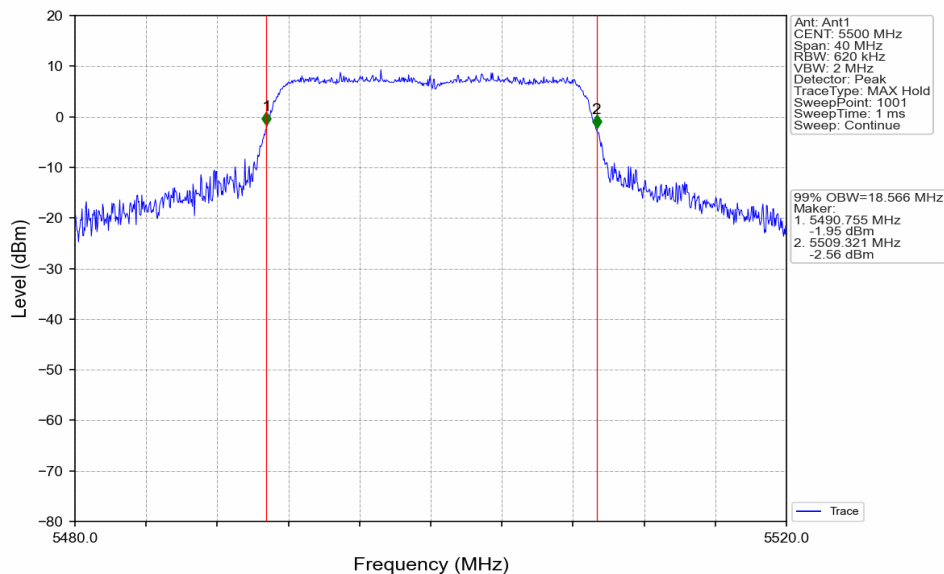
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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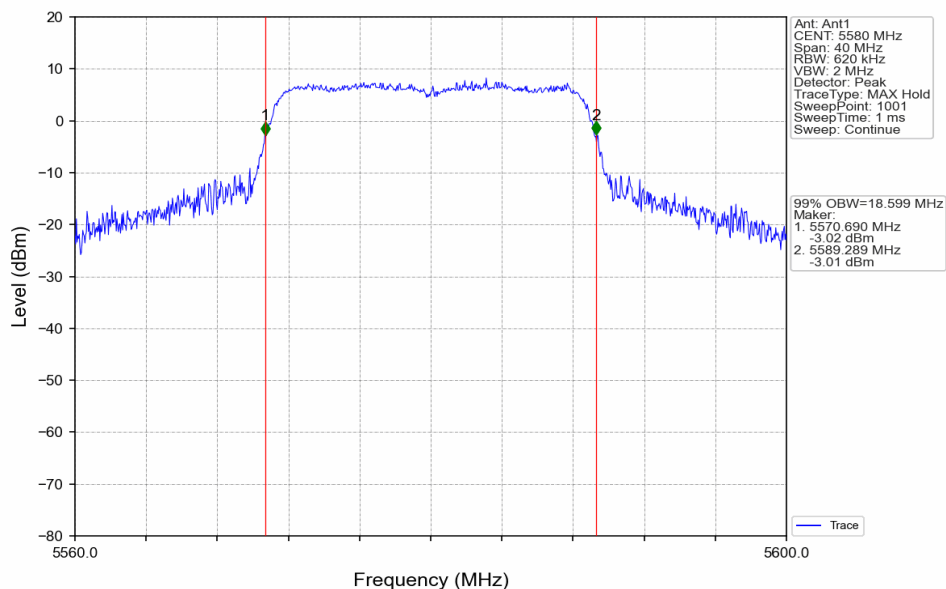
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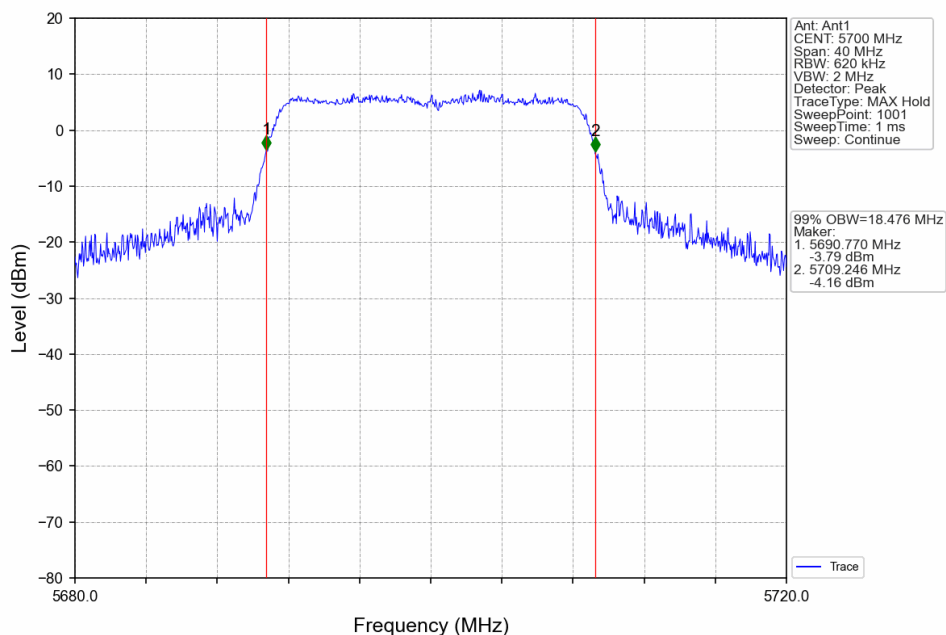
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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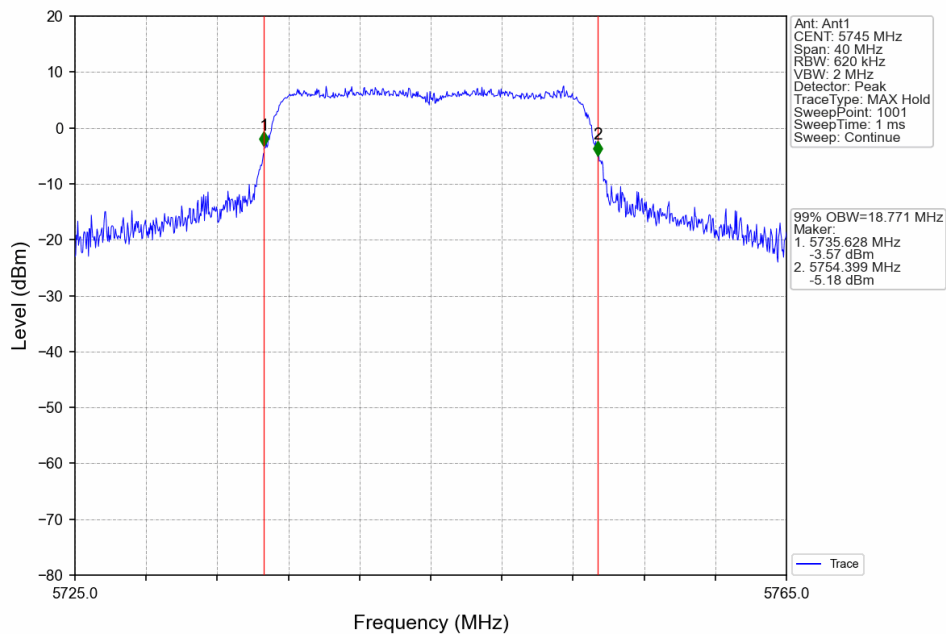
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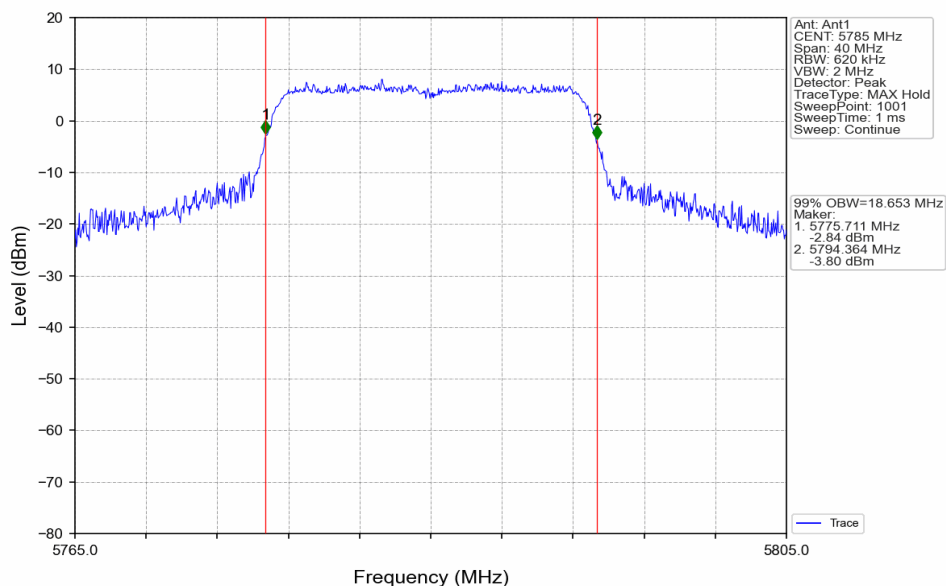
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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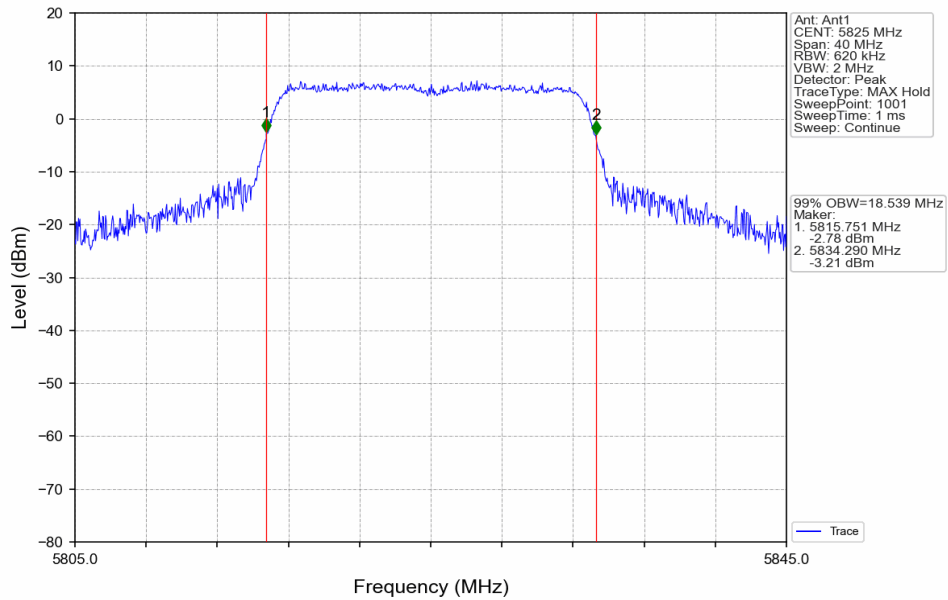
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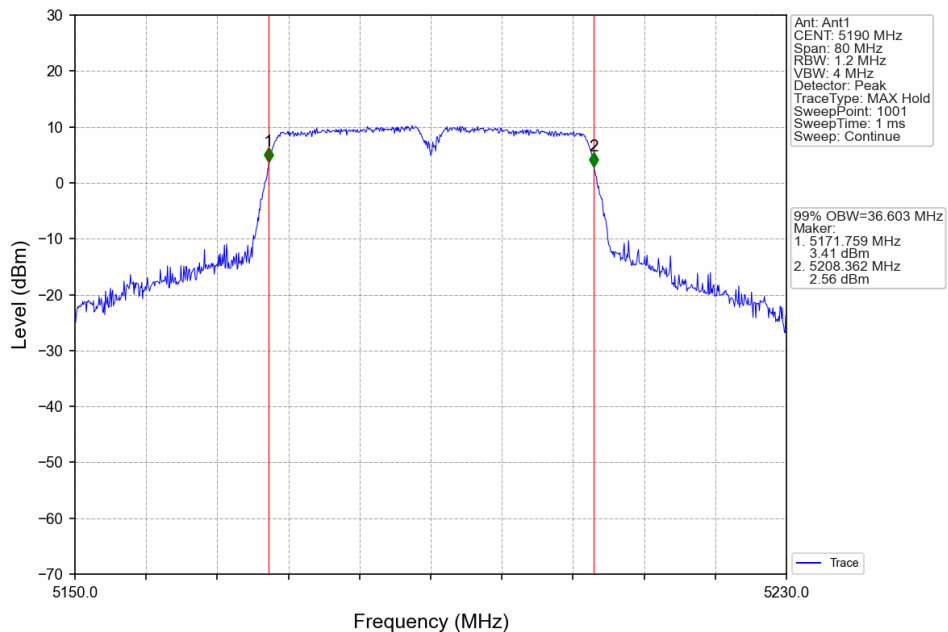
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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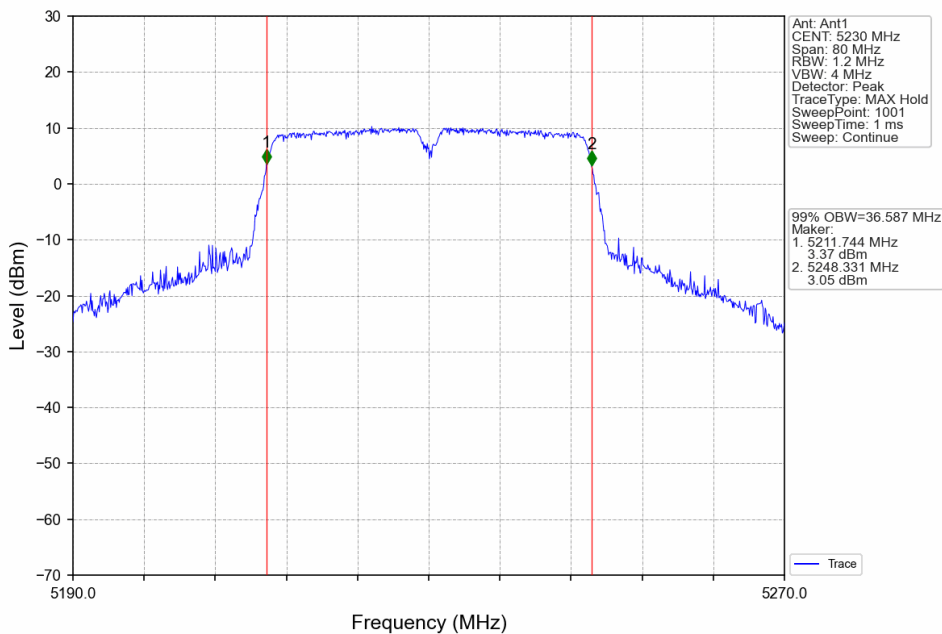
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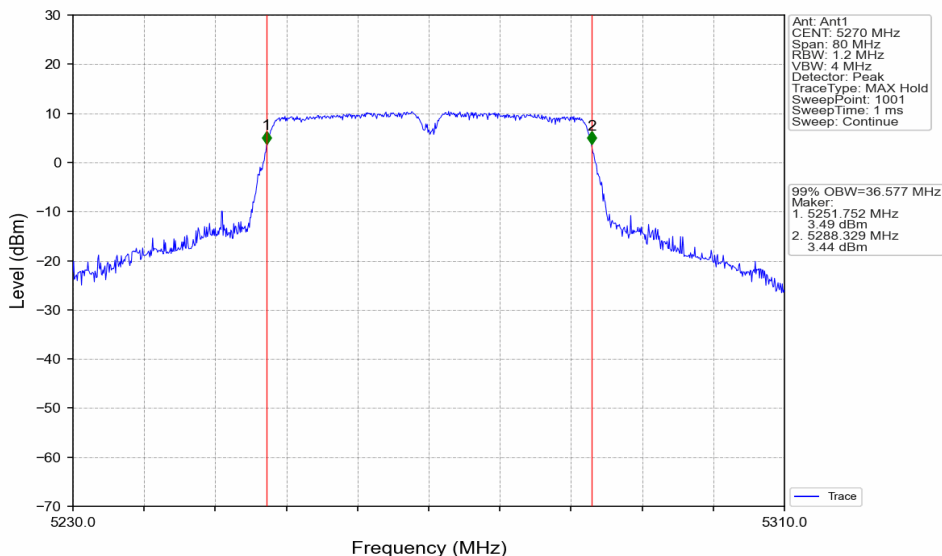
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



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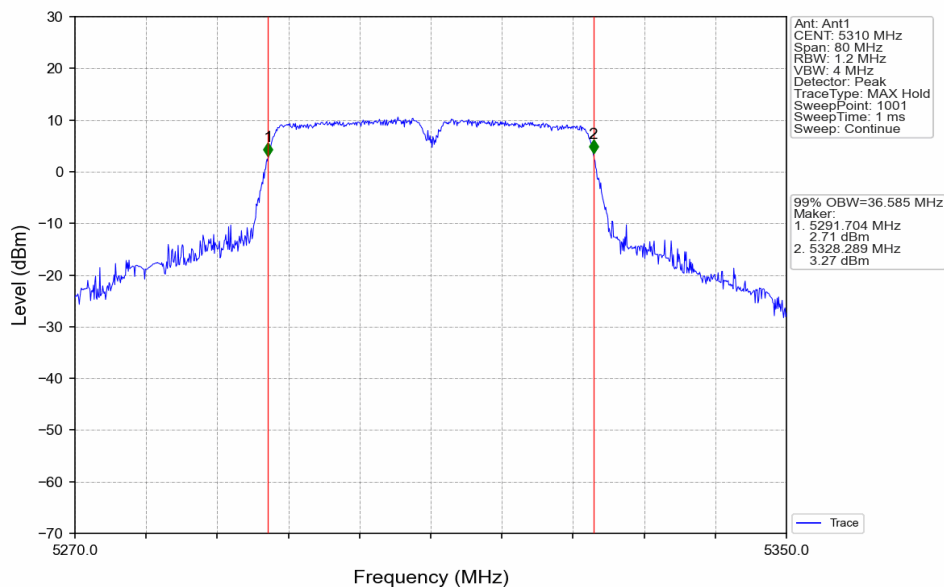
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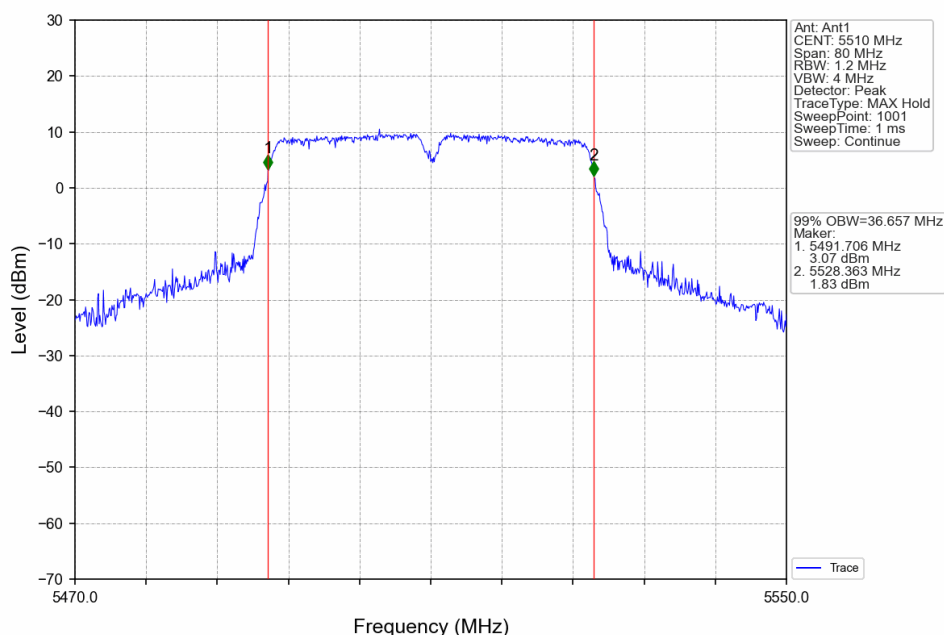
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802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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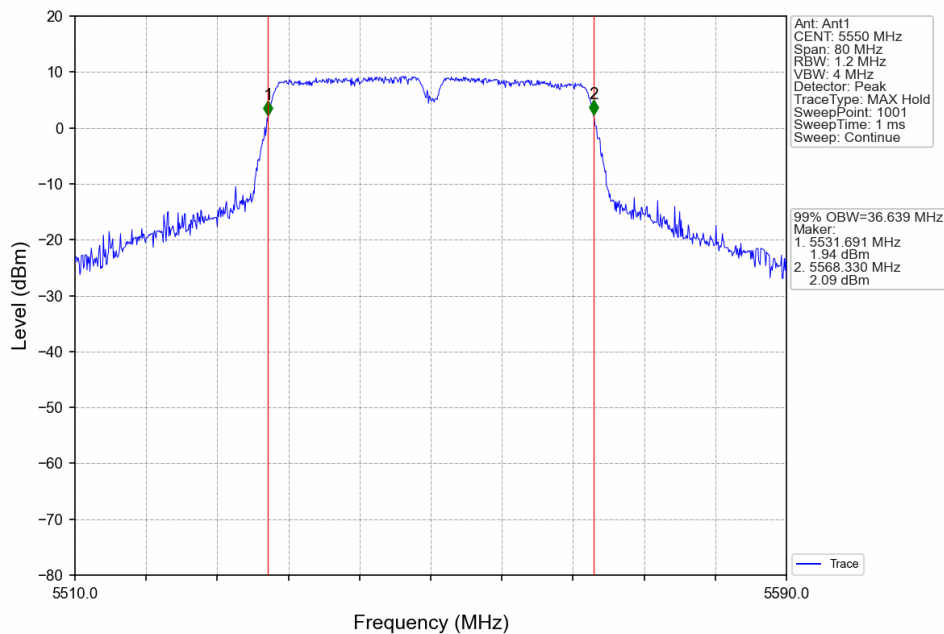
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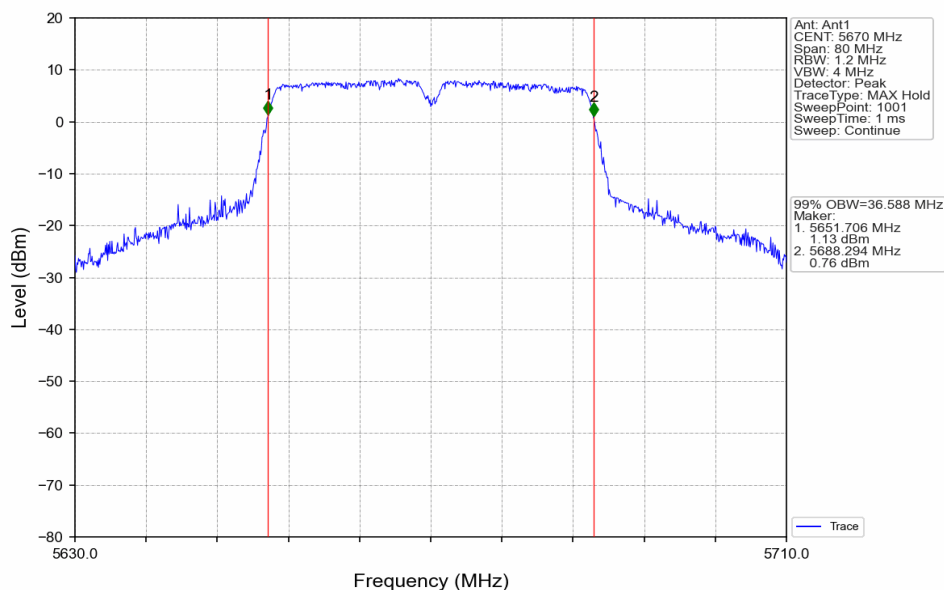
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



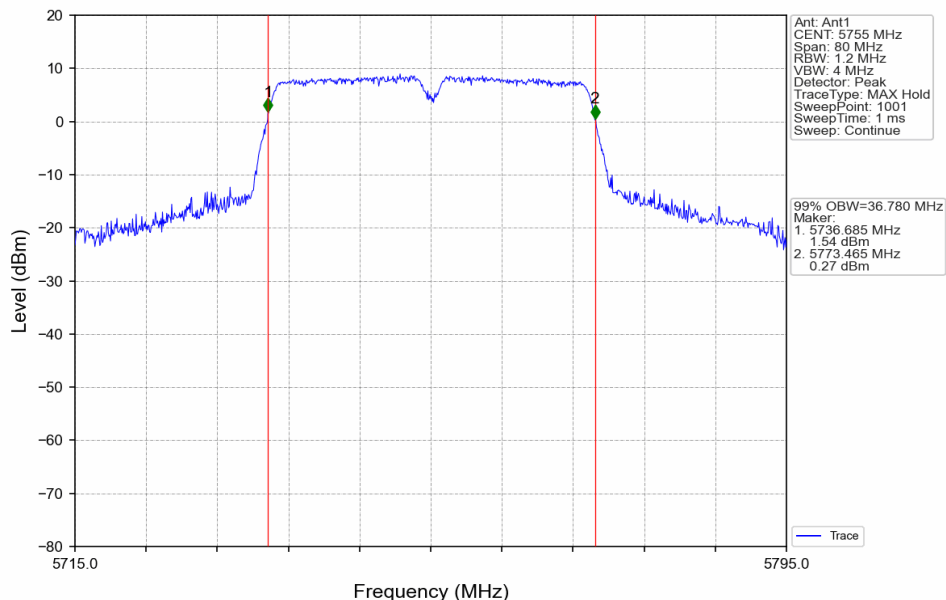
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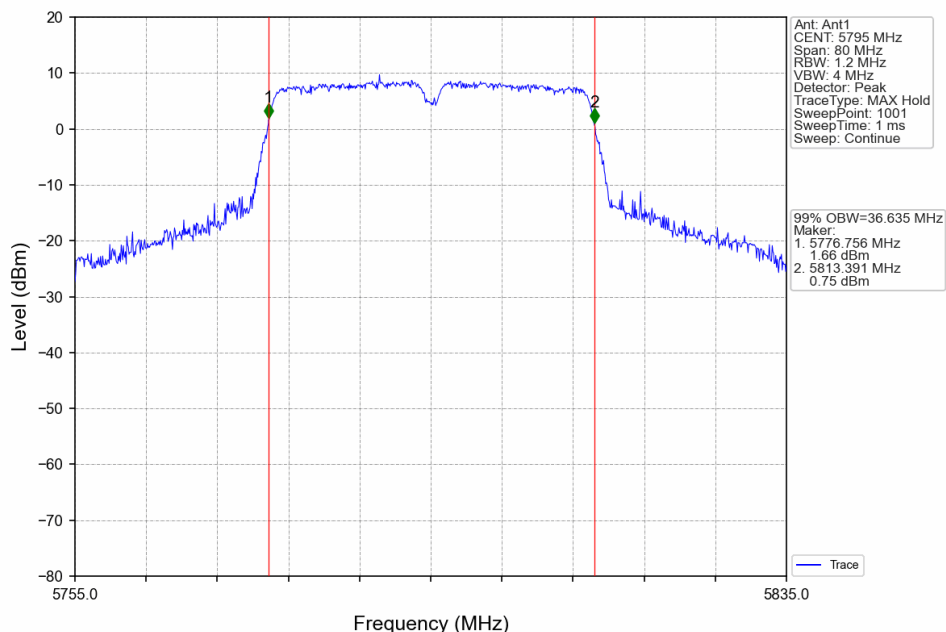
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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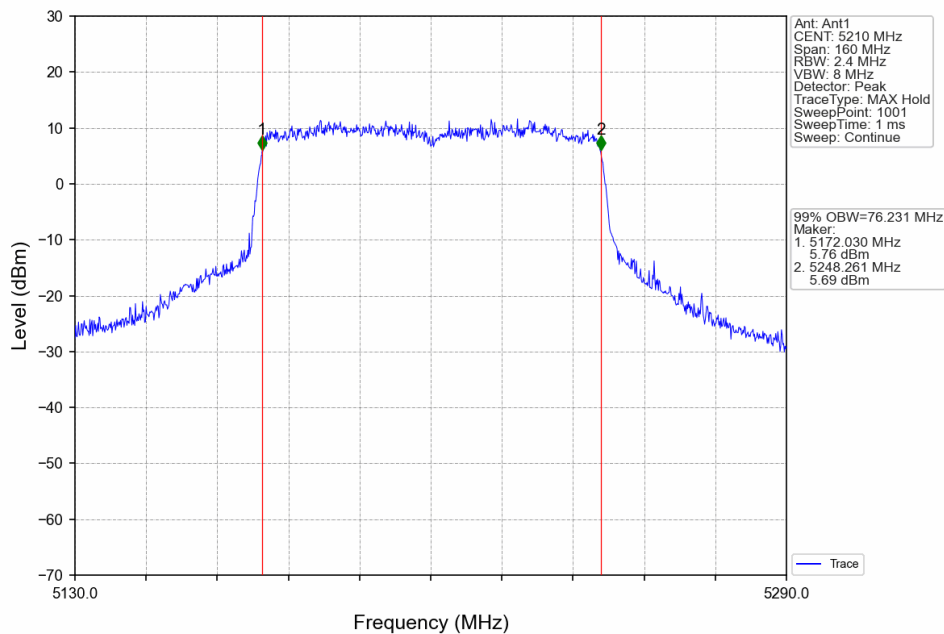
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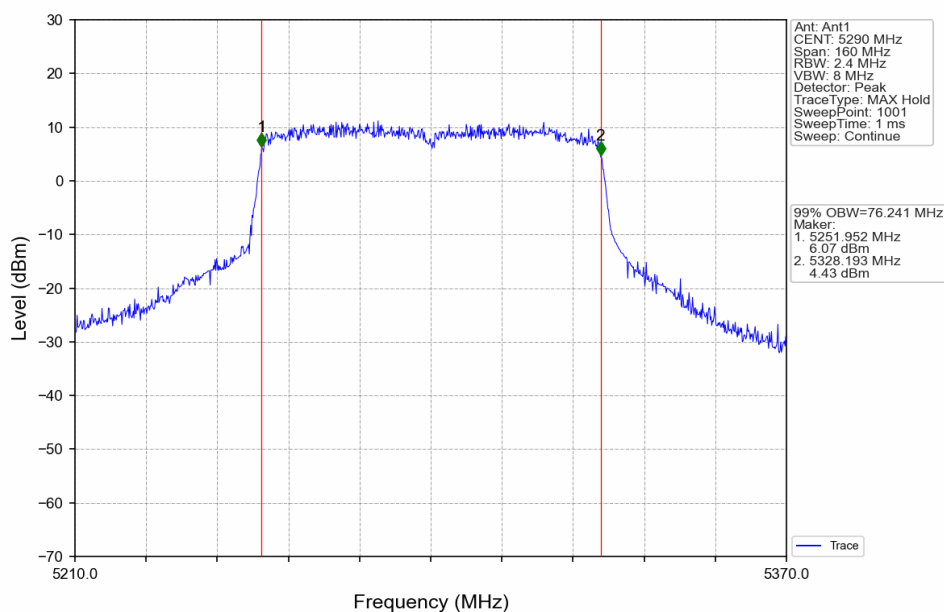
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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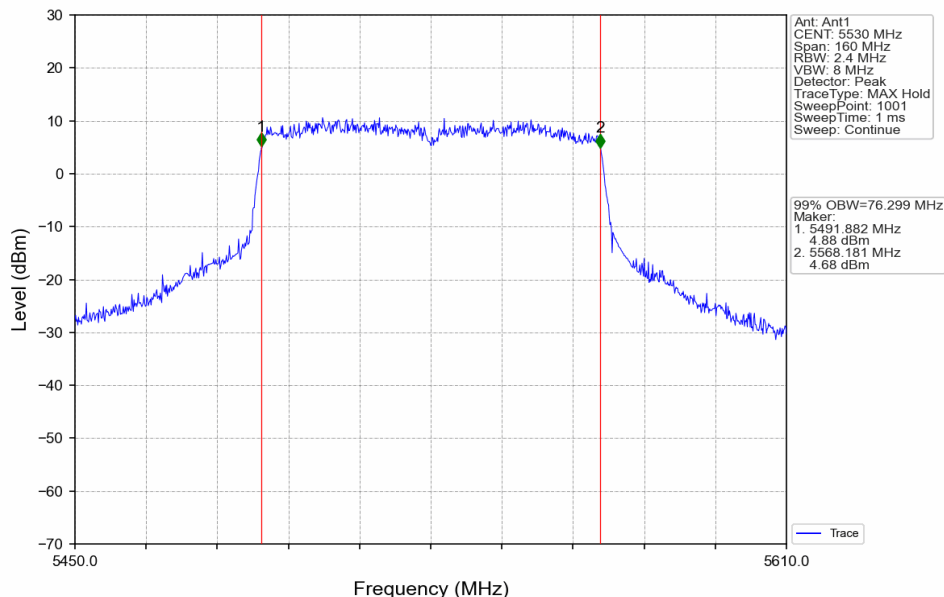
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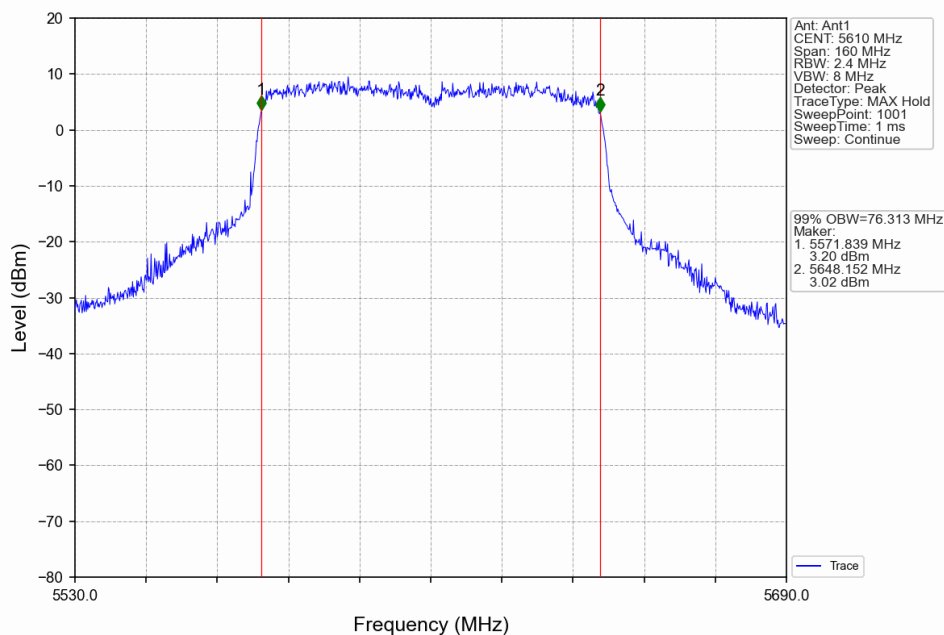
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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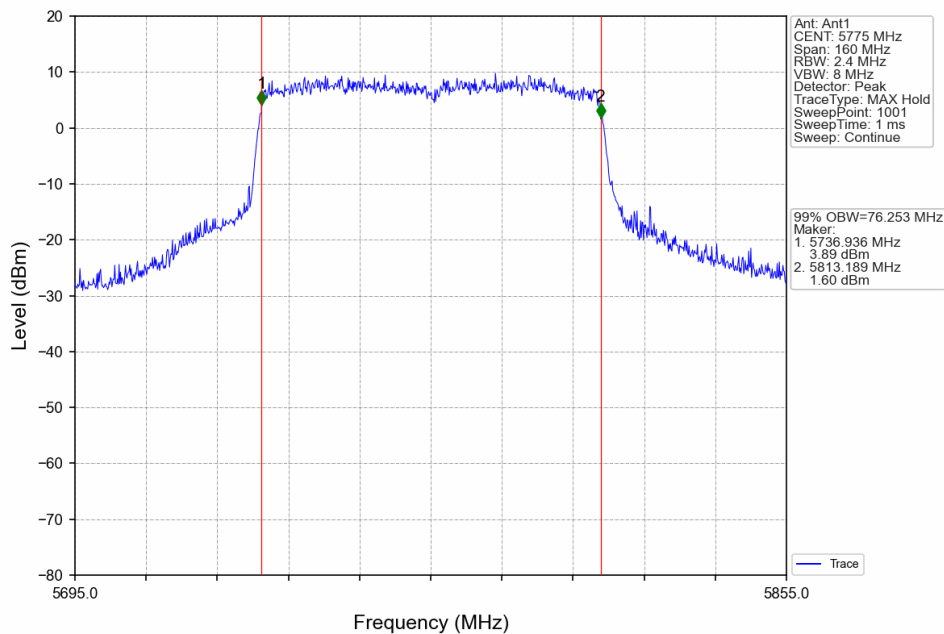
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.375	≥ 0.5	Pass
		5785	1	16.401	≥ 0.5	Pass
		5825	1	16.406	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.075	≥ 0.5	Pass
		5785	1	17.159	≥ 0.5	Pass
		5825	1	17.184	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.756	≥ 0.5	Pass
		5795	1	35.752	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.174	≥ 0.5	Pass
		5785	1	17.551	≥ 0.5	Pass
		5825	1	17.350	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.612	≥ 0.5	Pass
		5795	1	35.823	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.842	≥ 0.5	Pass



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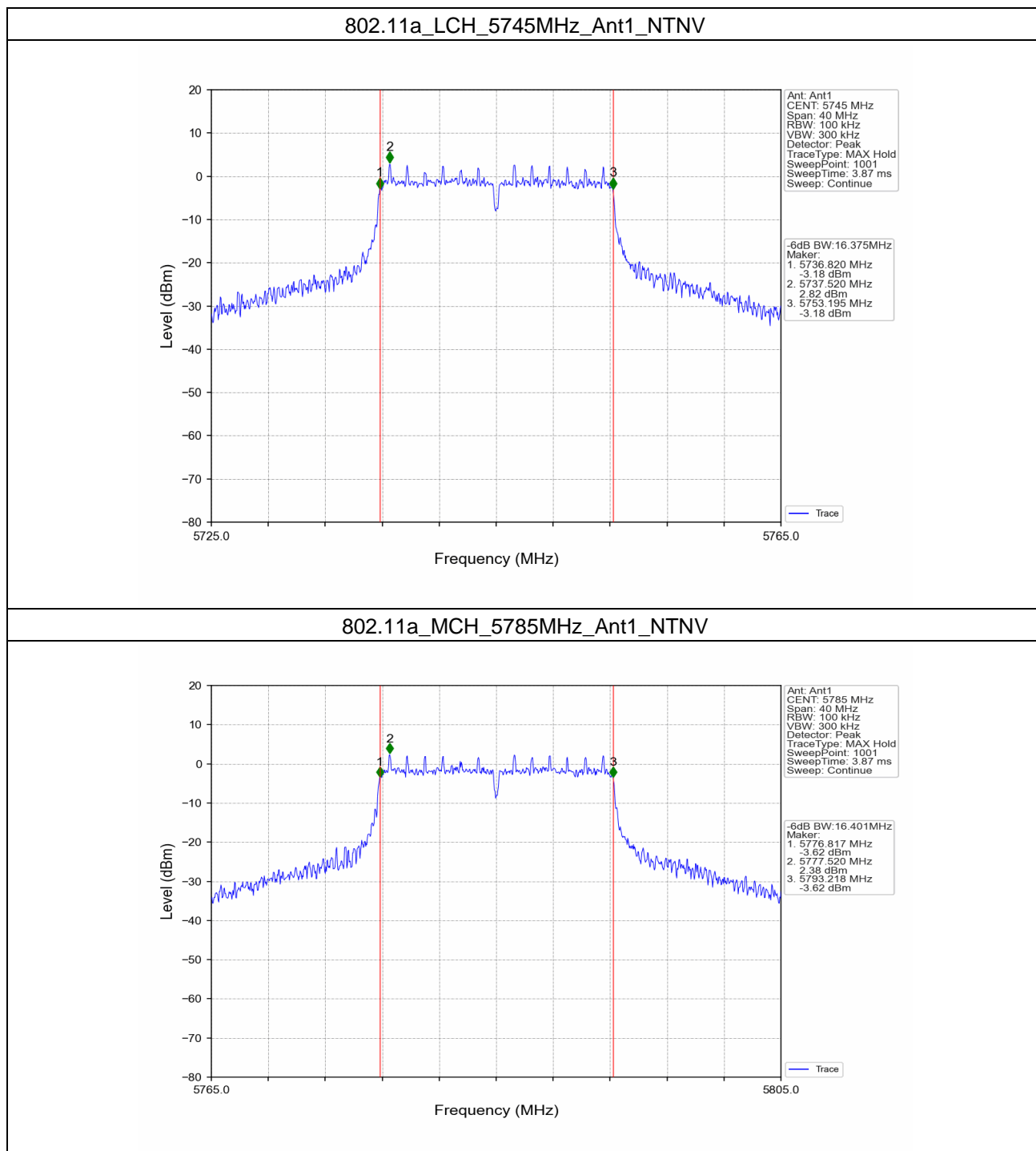
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2.2.2 Test Graph



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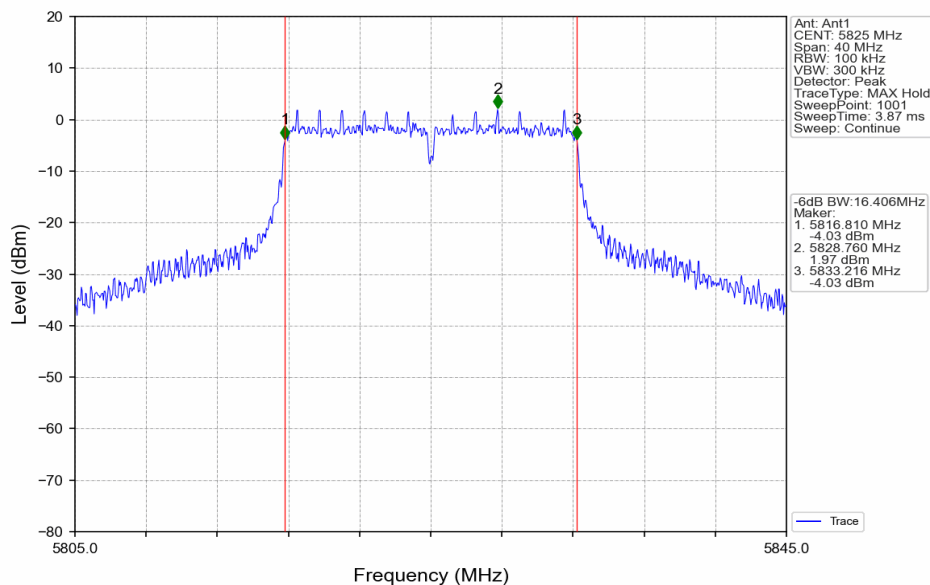
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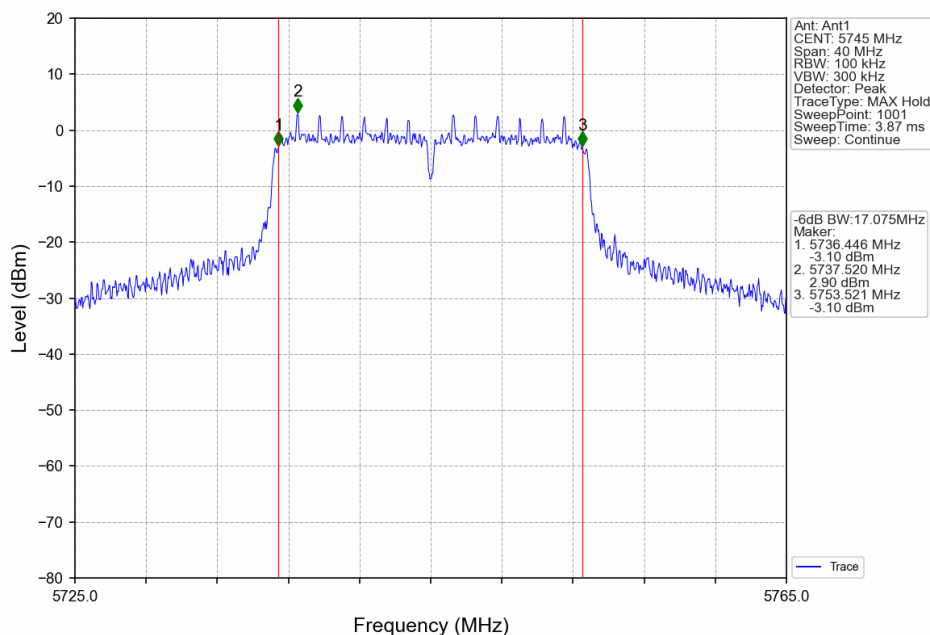
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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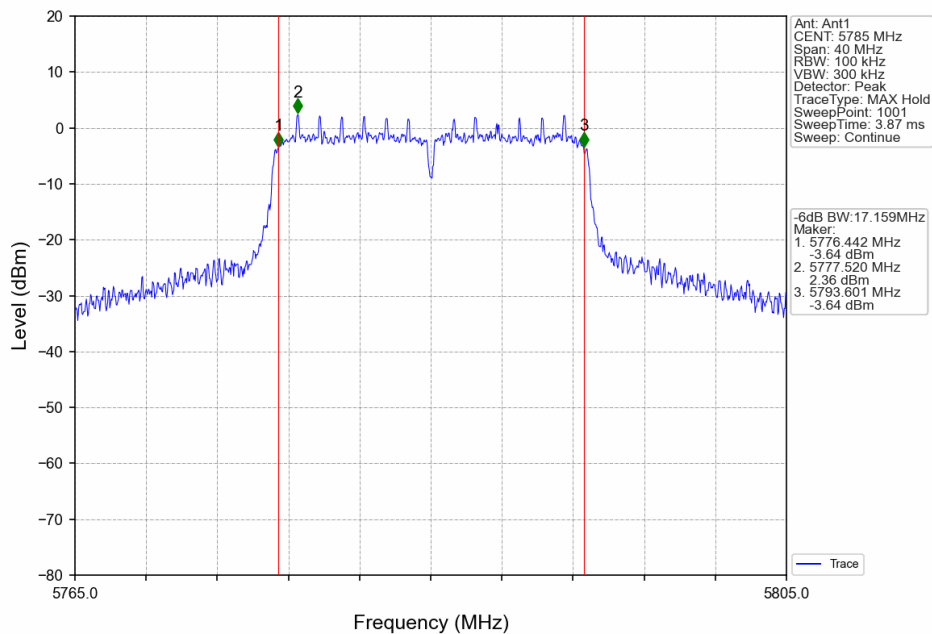
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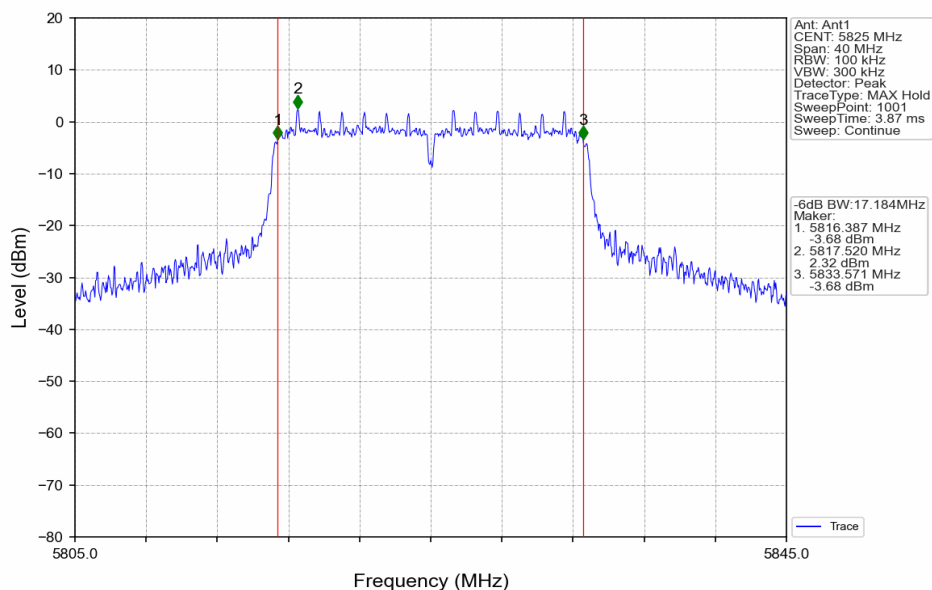
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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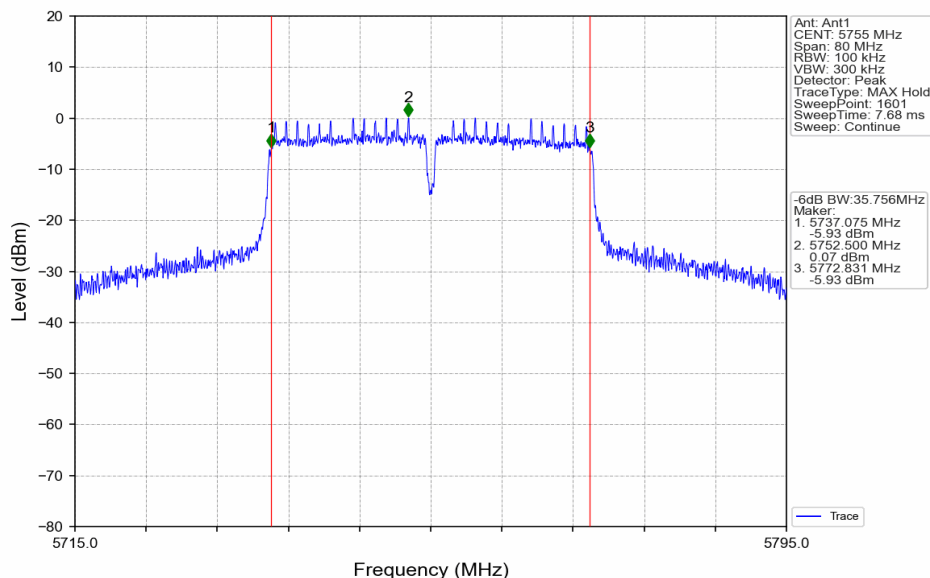
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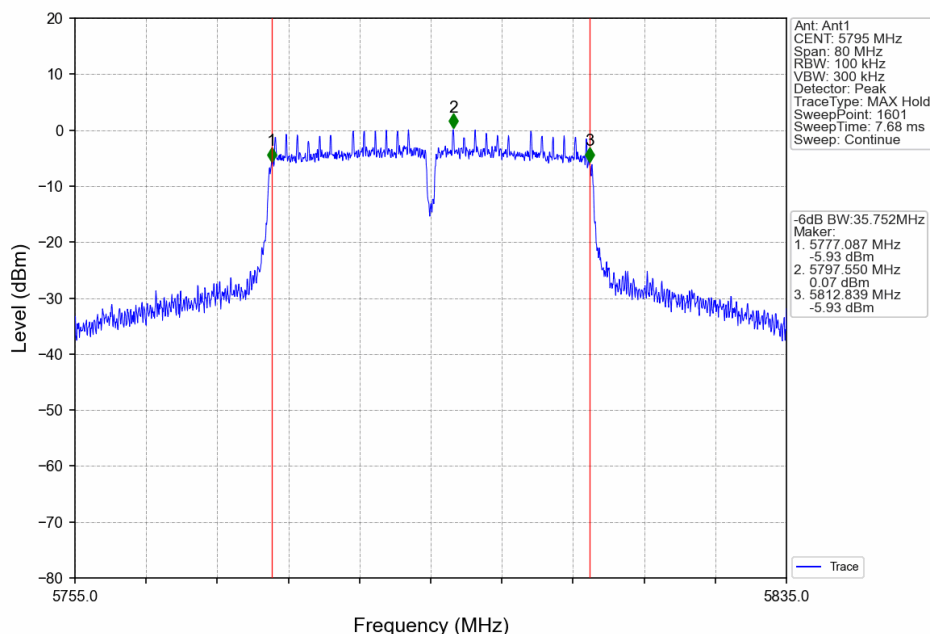
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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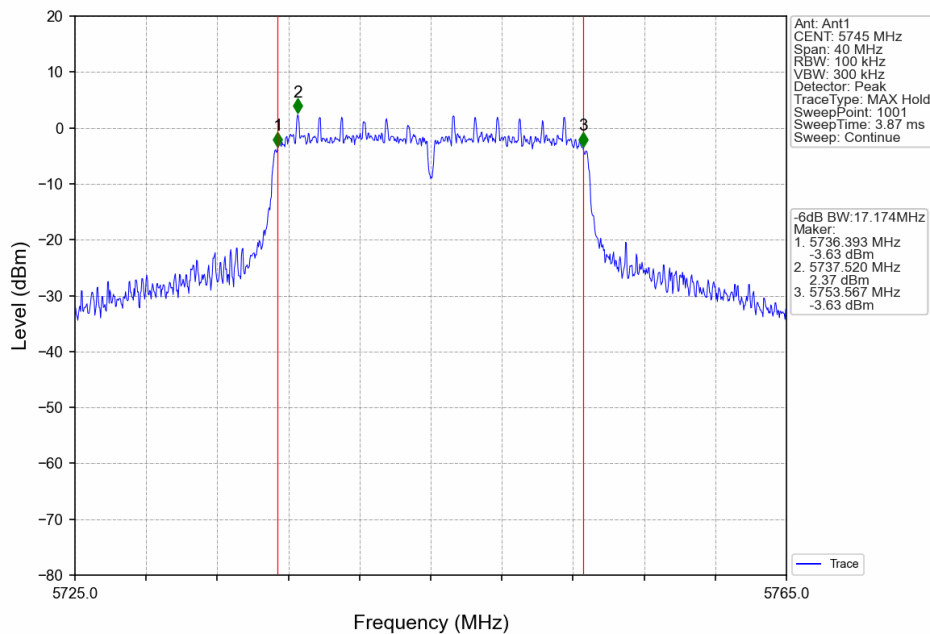
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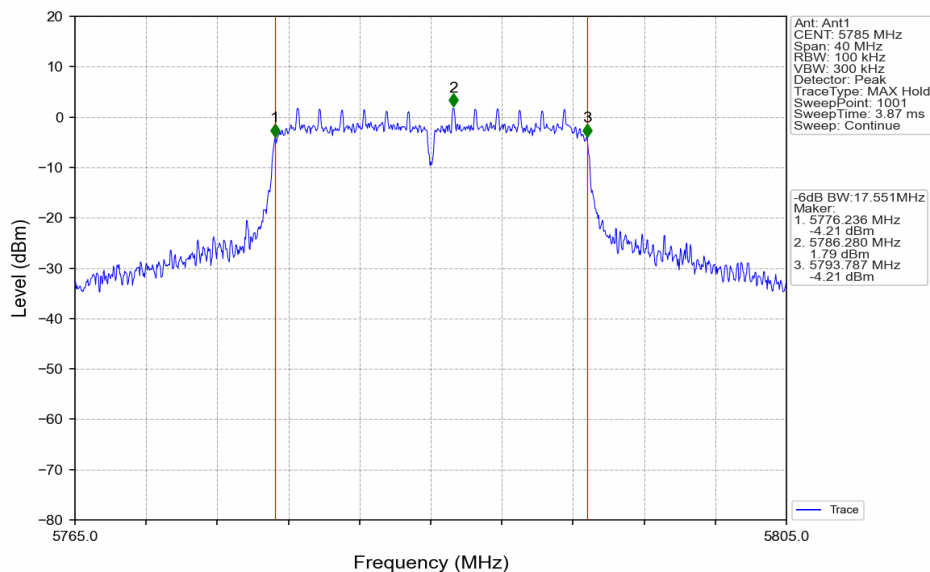
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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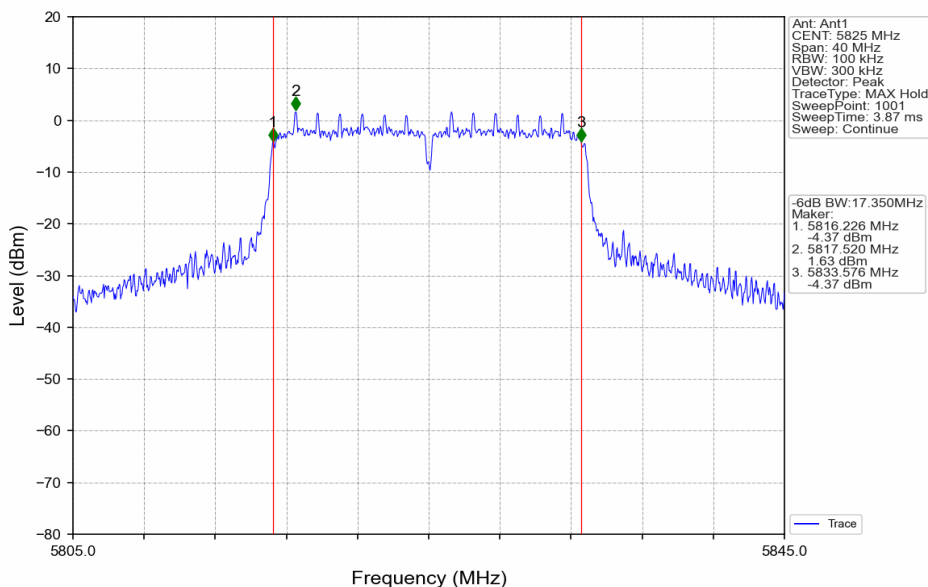
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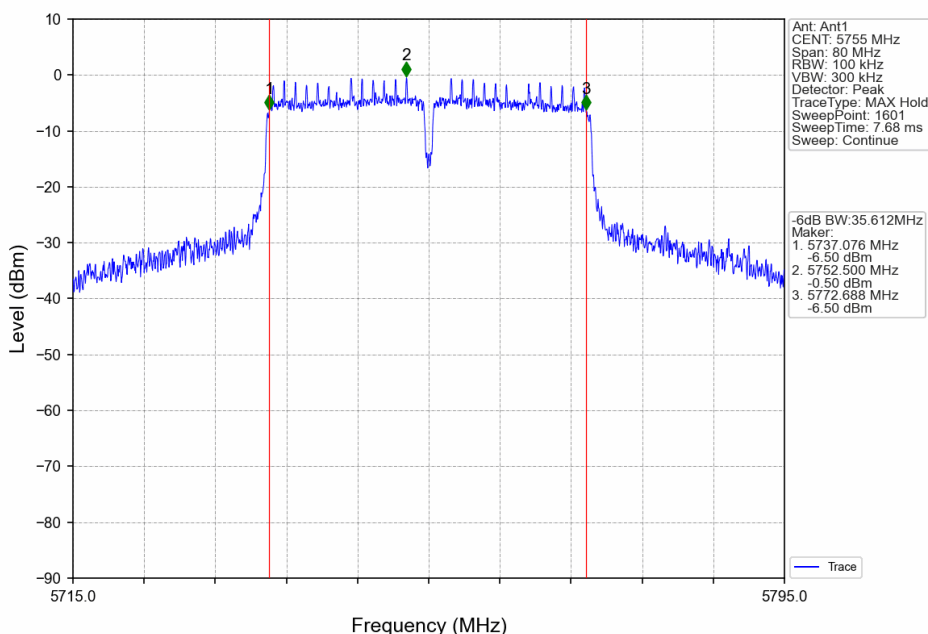
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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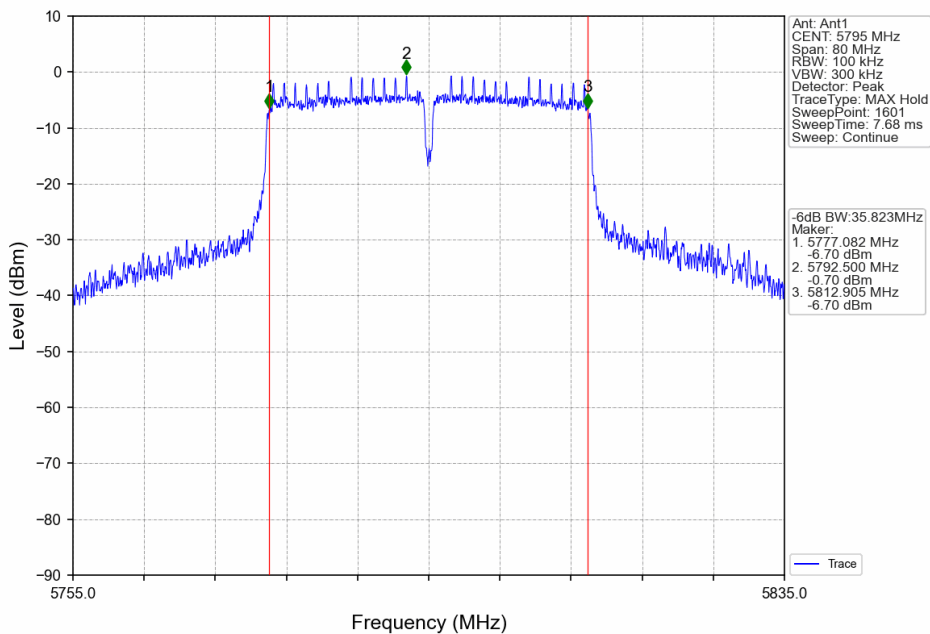
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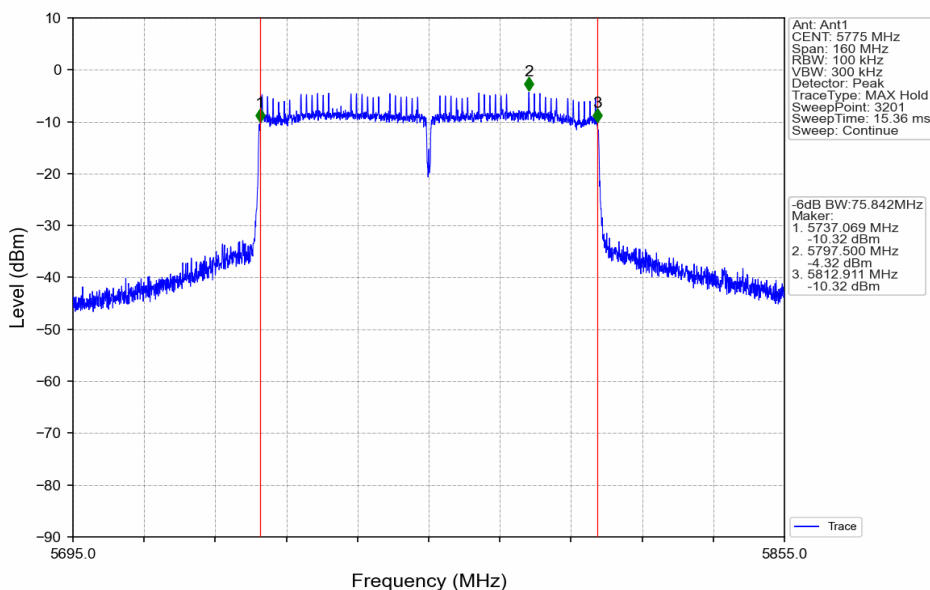
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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	28.099	Pass
		5200	1	27.826	Pass
		5240	1	29.306	Pass
		5260	1	28.878	Pass
		5300	1	25.774	Pass
		5320	1	26.320	Pass
		5500	1	28.149	Pass
		5580	1	28.837	Pass
		5700	1	25.334	Pass
802.11n (HT20)	SISO	5180	1	29.538	Pass
		5200	1	28.280	Pass
		5240	1	28.040	Pass
		5260	1	27.628	Pass
		5300	1	28.429	Pass
		5320	1	27.721	Pass
		5500	1	29.187	Pass
		5580	1	27.746	Pass
		5700	1	26.972	Pass
802.11n (HT40)	SISO	5190	1	53.147	Pass
		5230	1	46.397	Pass
		5270	1	50.132	Pass
		5310	1	51.670	Pass
		5510	1	49.555	Pass
		5550	1	52.970	Pass
		5670	1	50.009	Pass
802.11ac (VHT20)	SISO	5180	1	30.207	Pass
		5200	1	28.332	Pass
		5240	1	28.225	Pass
		5260	1	23.480	Pass
		5300	1	25.473	Pass
		5320	1	29.036	Pass
		5500	1	27.240	Pass



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		5580	1	26.506	Pass
		5700	1	26.787	Pass
802.11ac (VHT40)	SISO	5190	1	51.267	Pass
		5230	1	49.183	Pass
		5270	1	45.607	Pass
		5310	1	47.754	Pass
		5510	1	49.038	Pass
		5550	1	50.303	Pass
		5670	1	45.048	Pass
802.11ac (VHT80)	SISO	5210	1	91.725	Pass
		5290	1	85.638	Pass
		5530	1	91.357	Pass
		5610	1	86.786	Pass



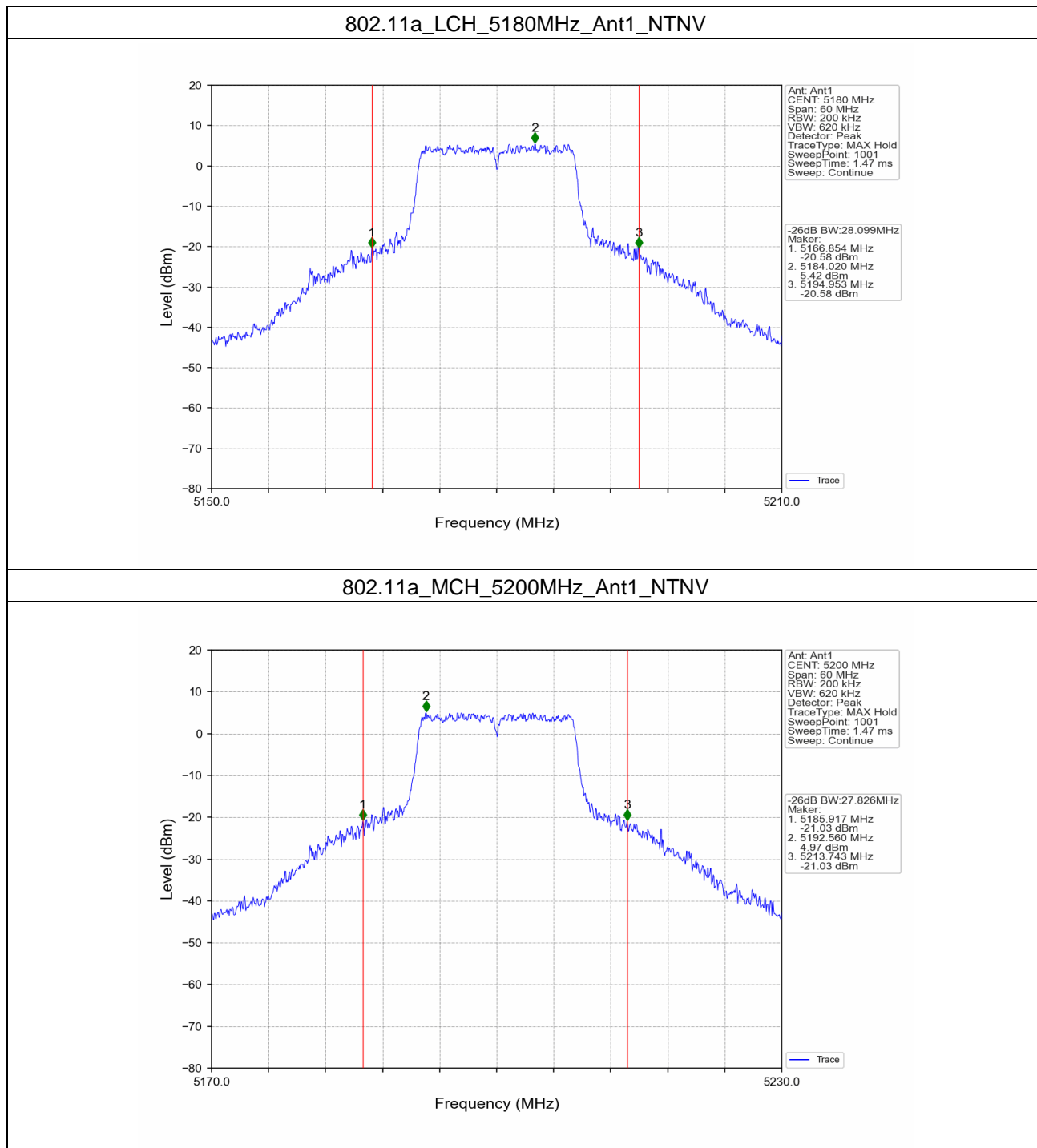
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2.3.2 Test Graph



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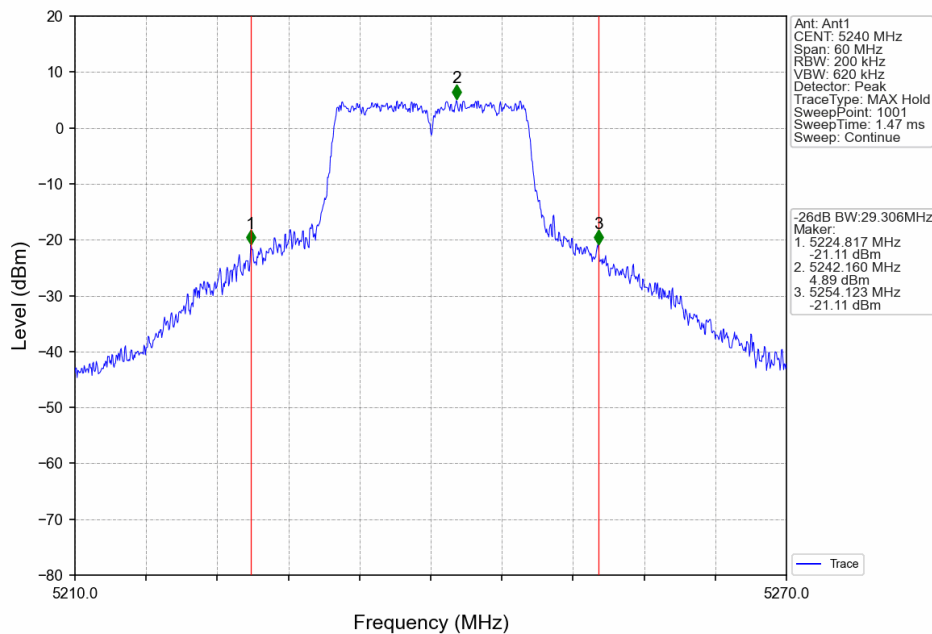
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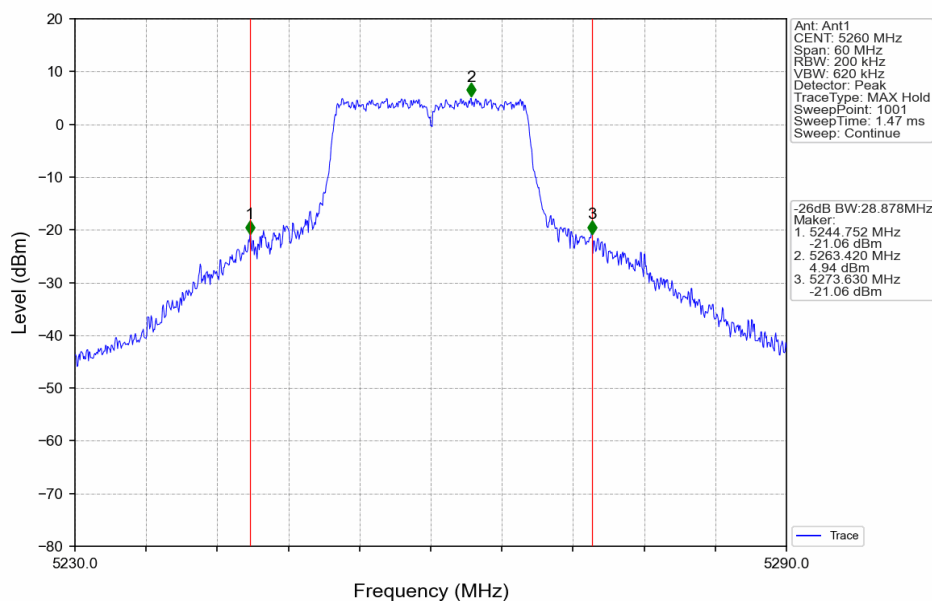
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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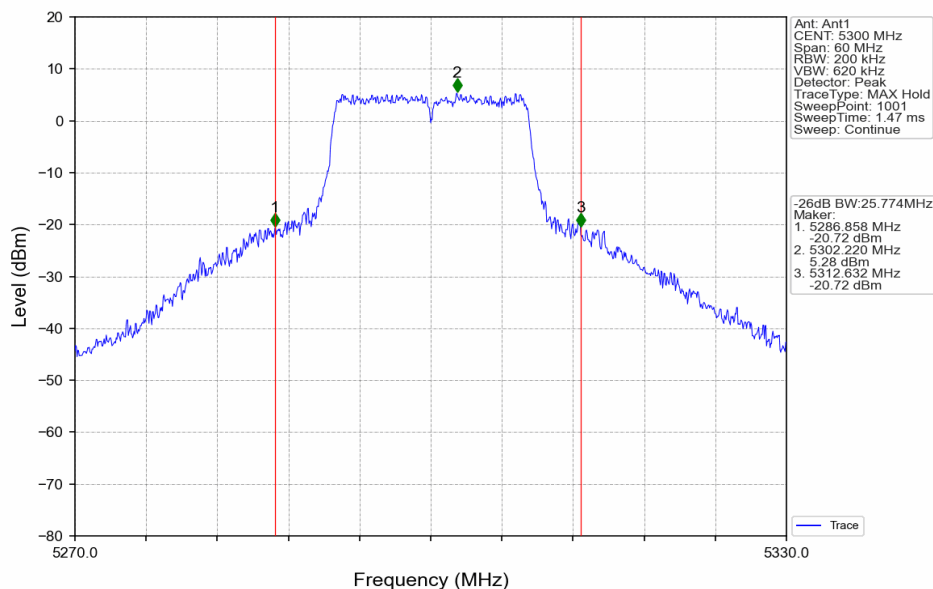
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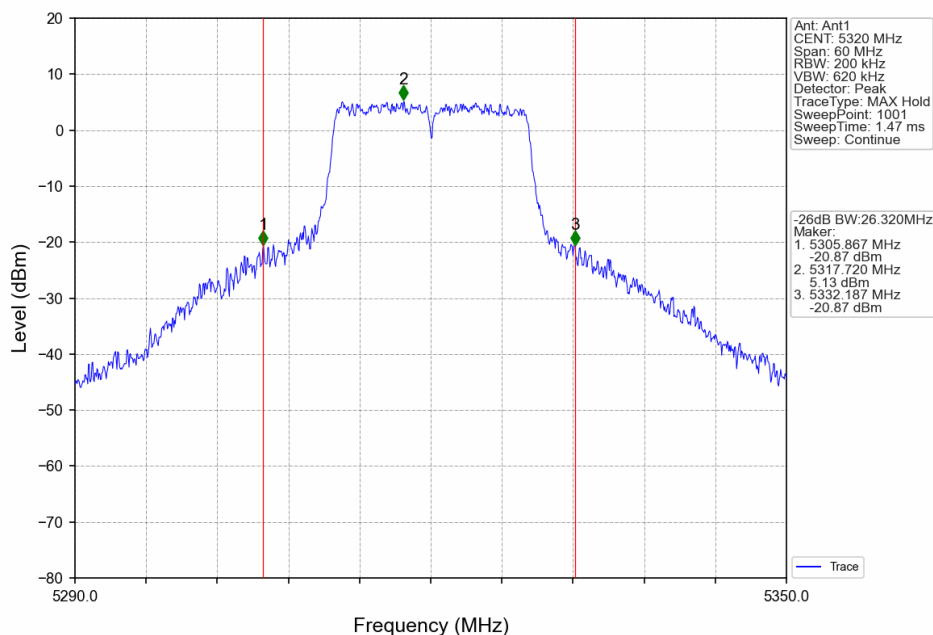
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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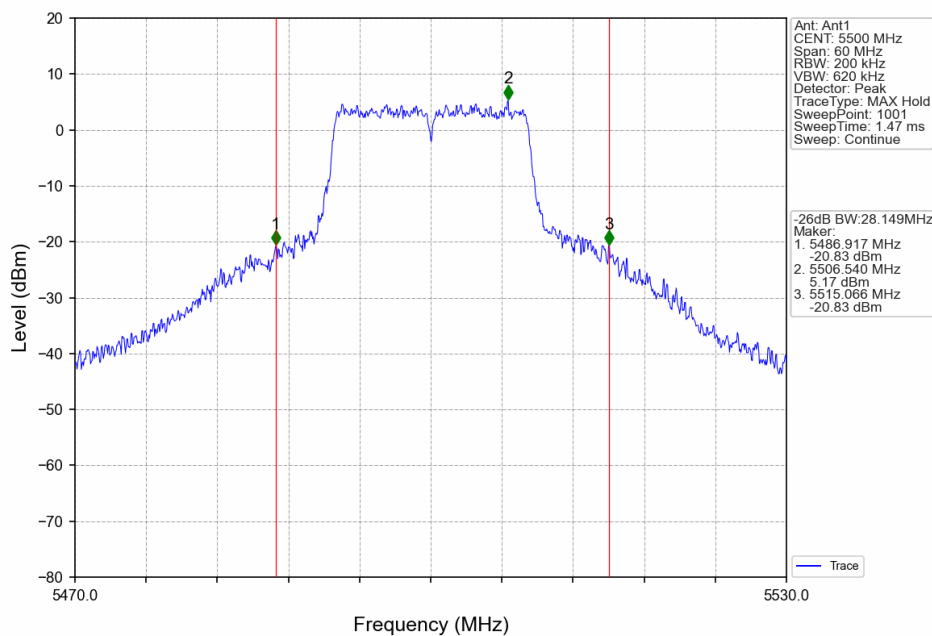
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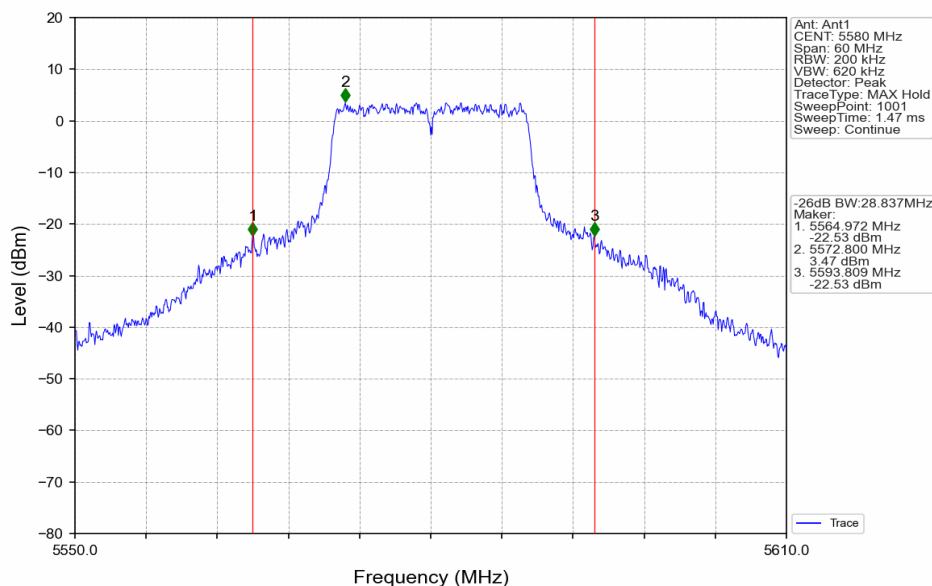
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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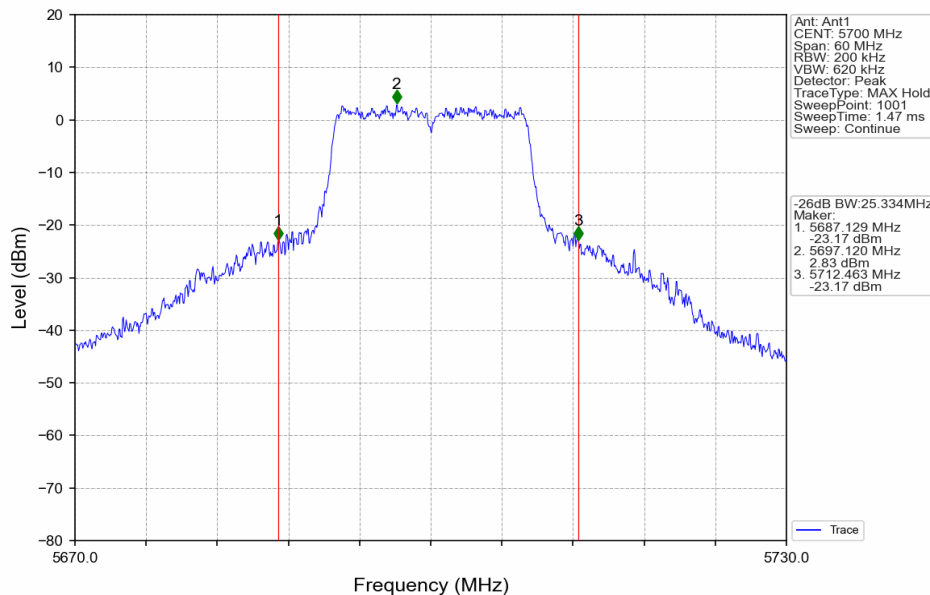
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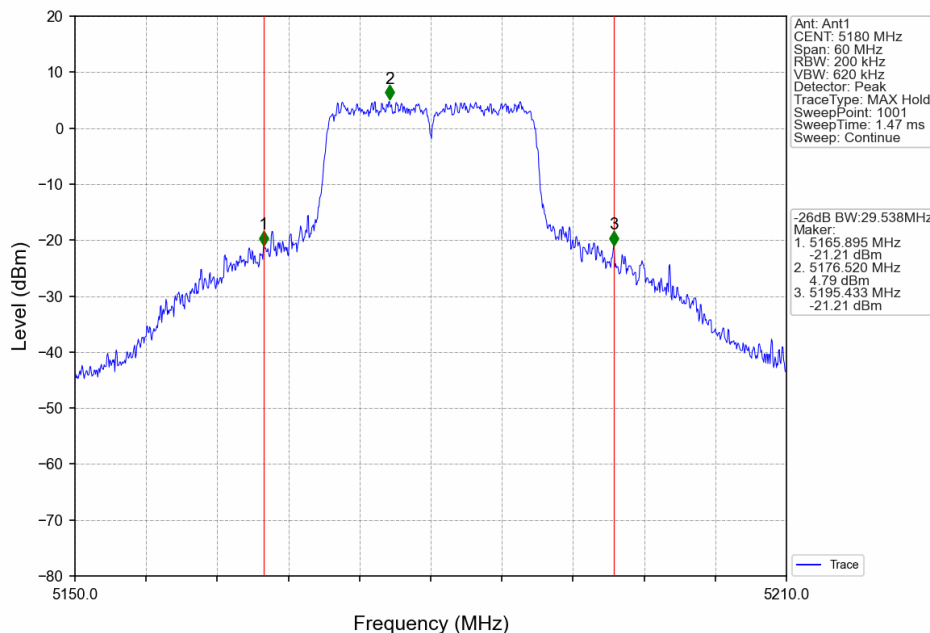
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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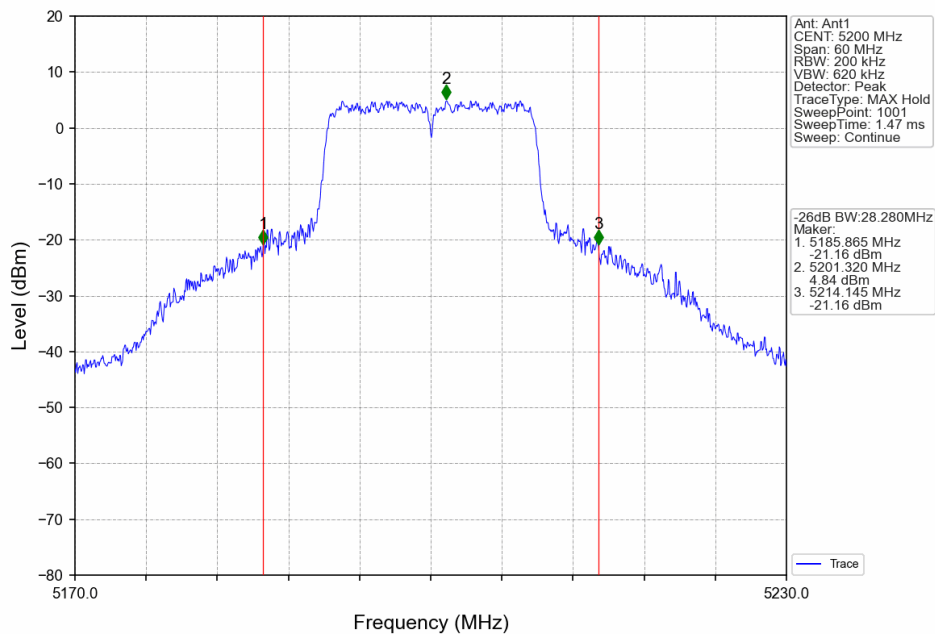
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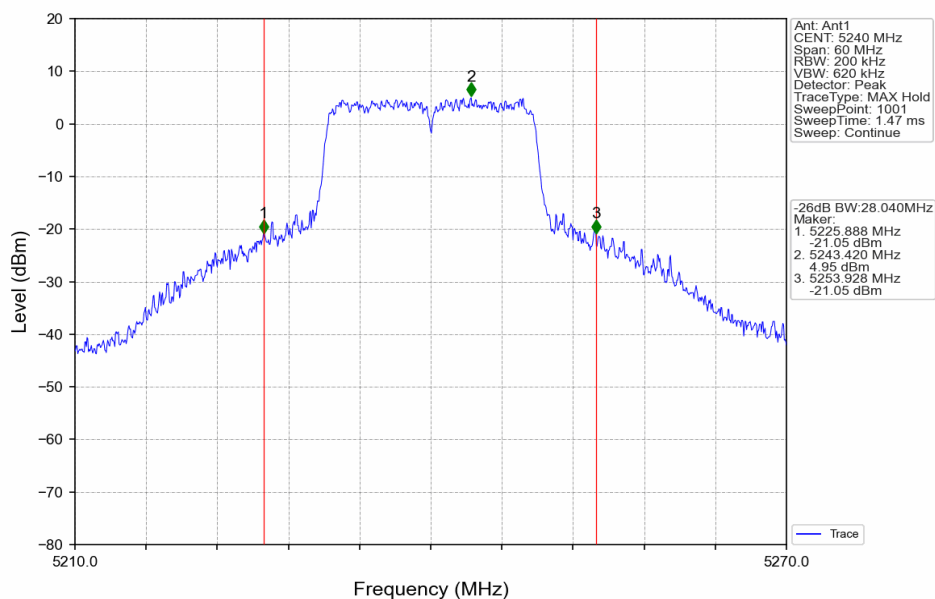
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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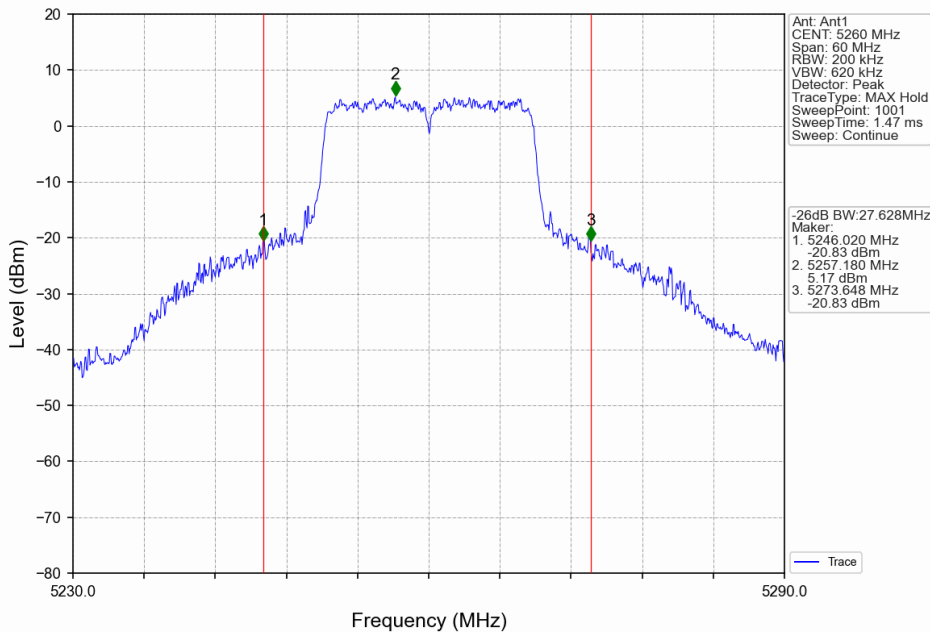
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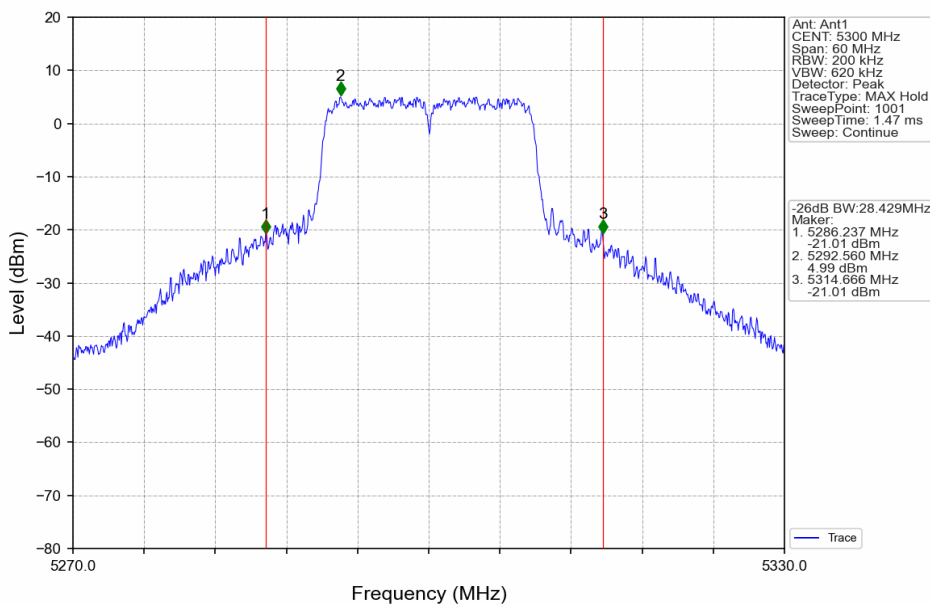
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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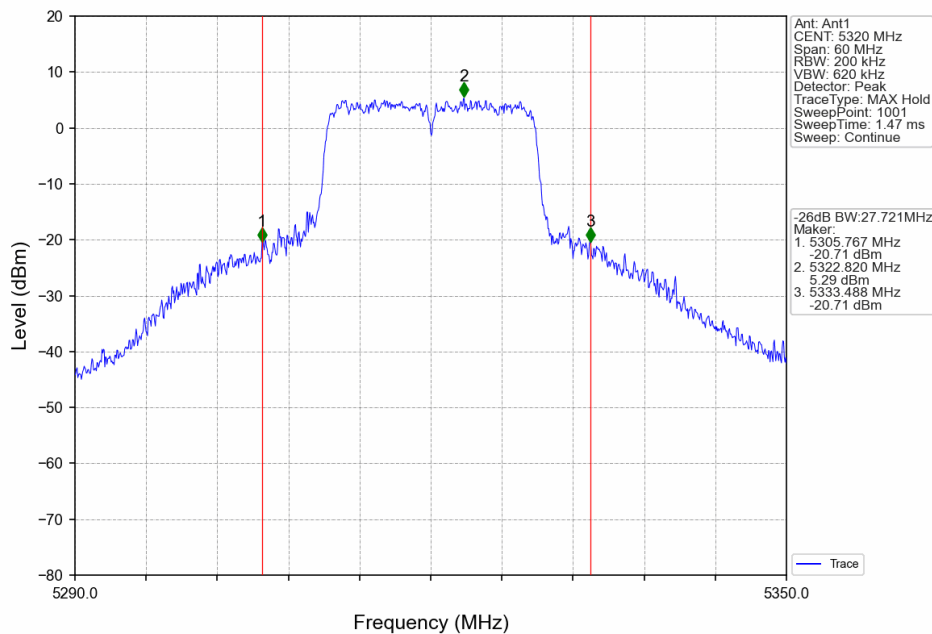
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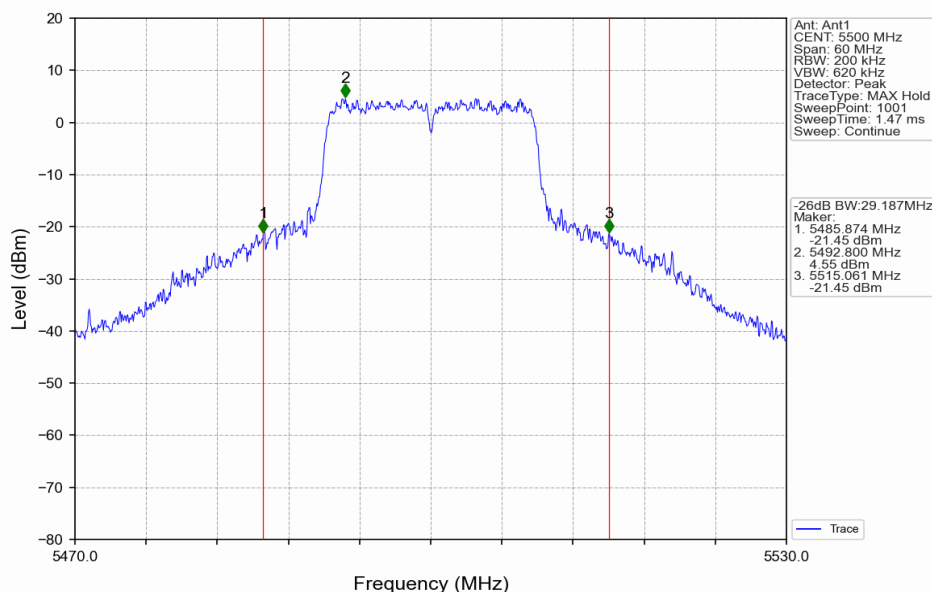
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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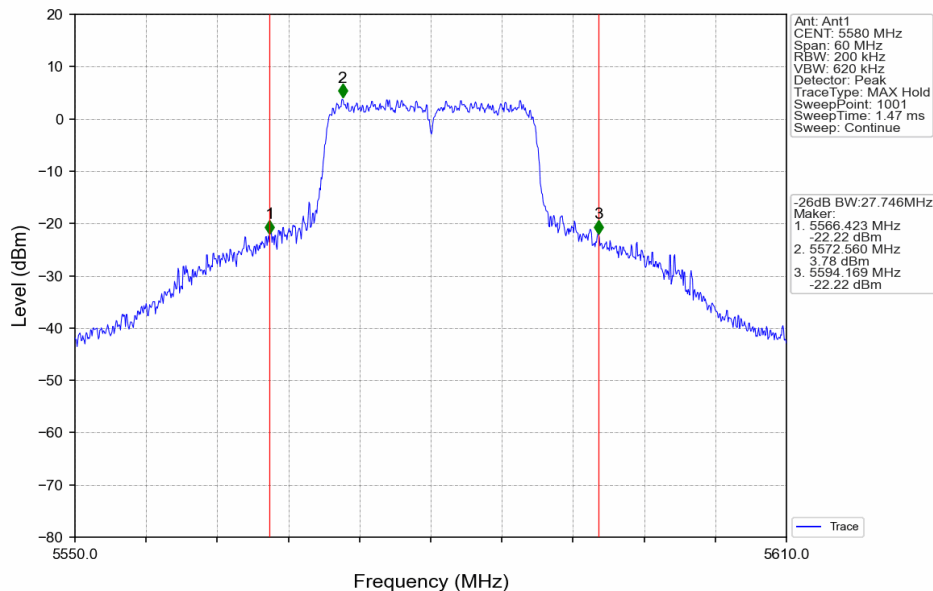
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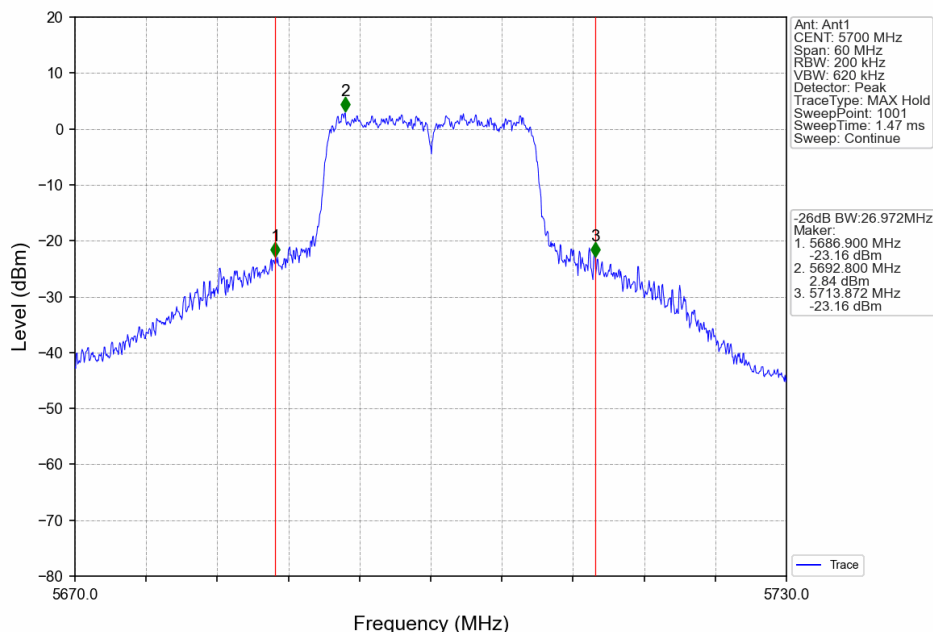
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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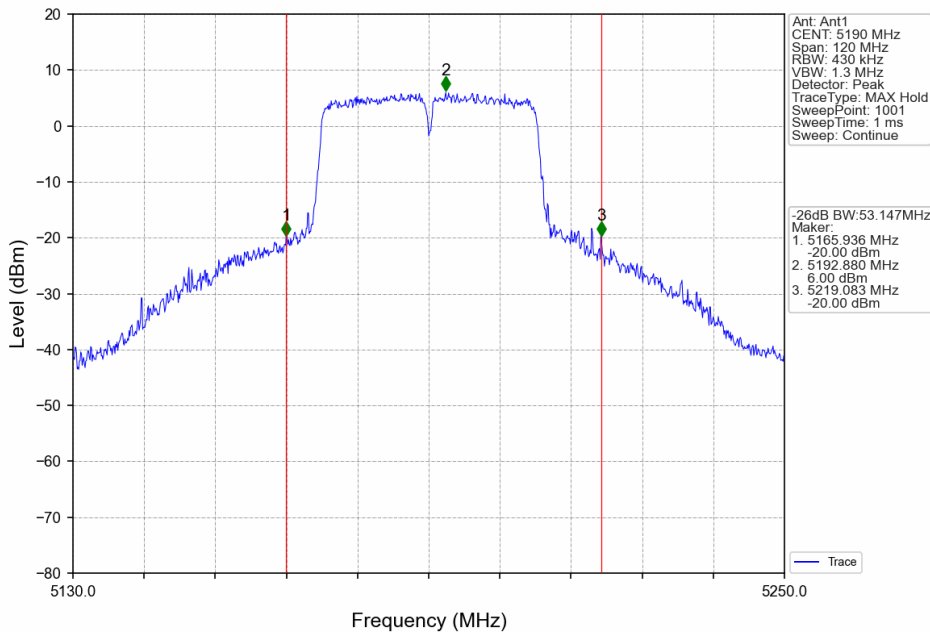
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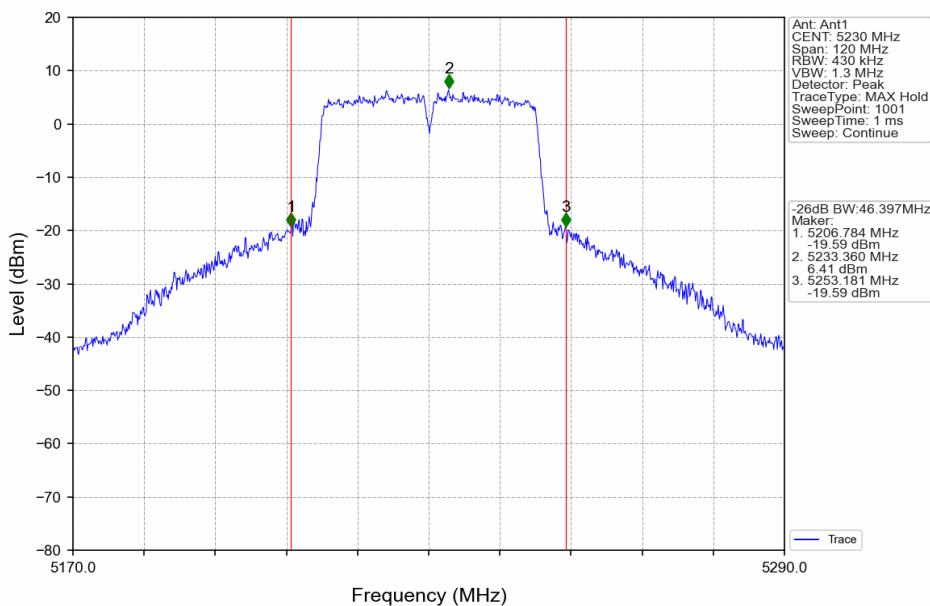
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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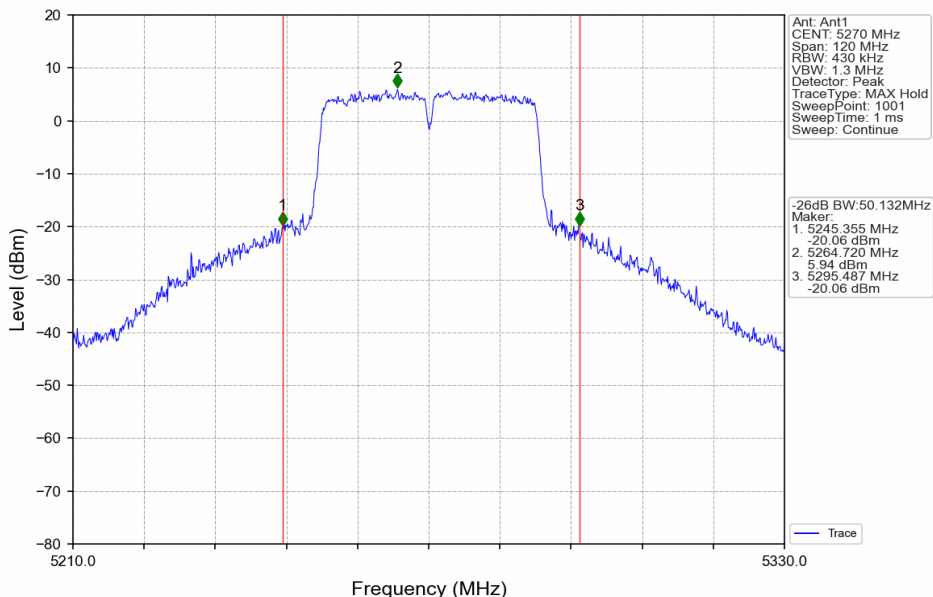
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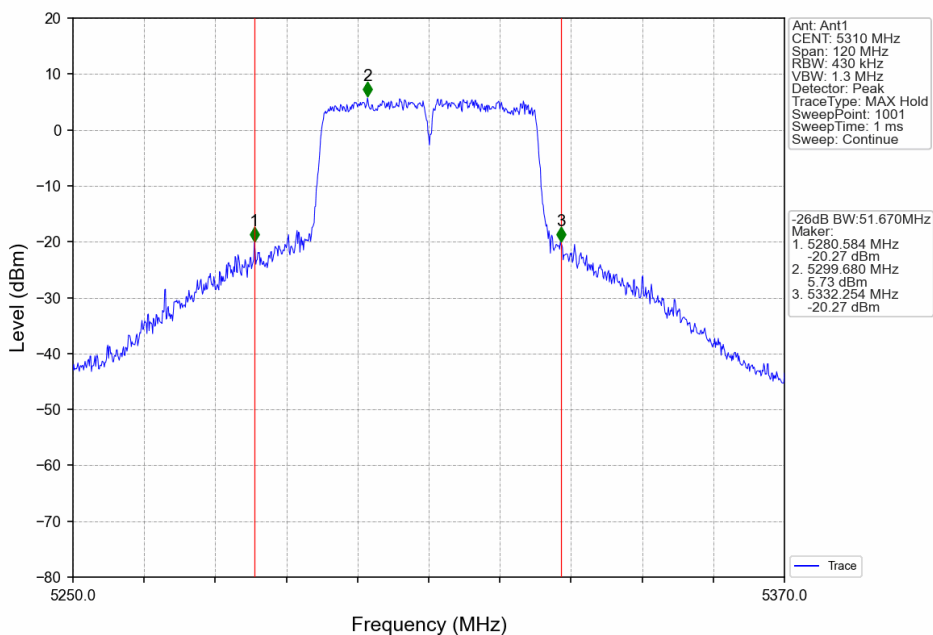
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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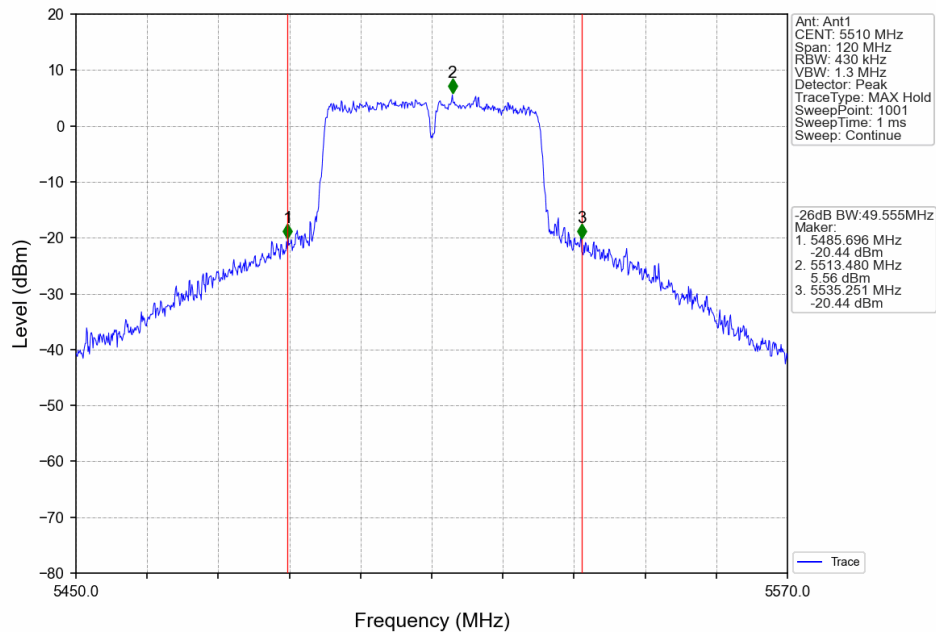
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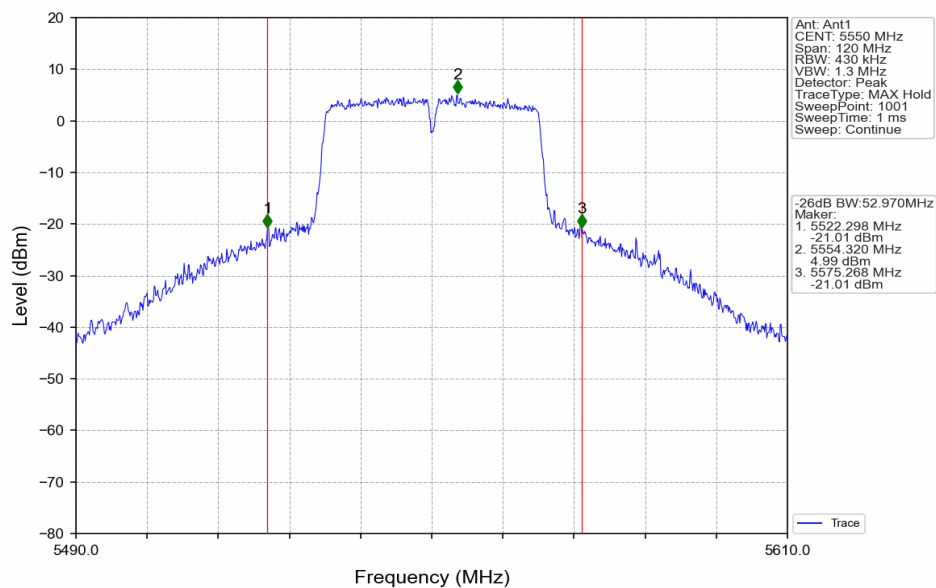
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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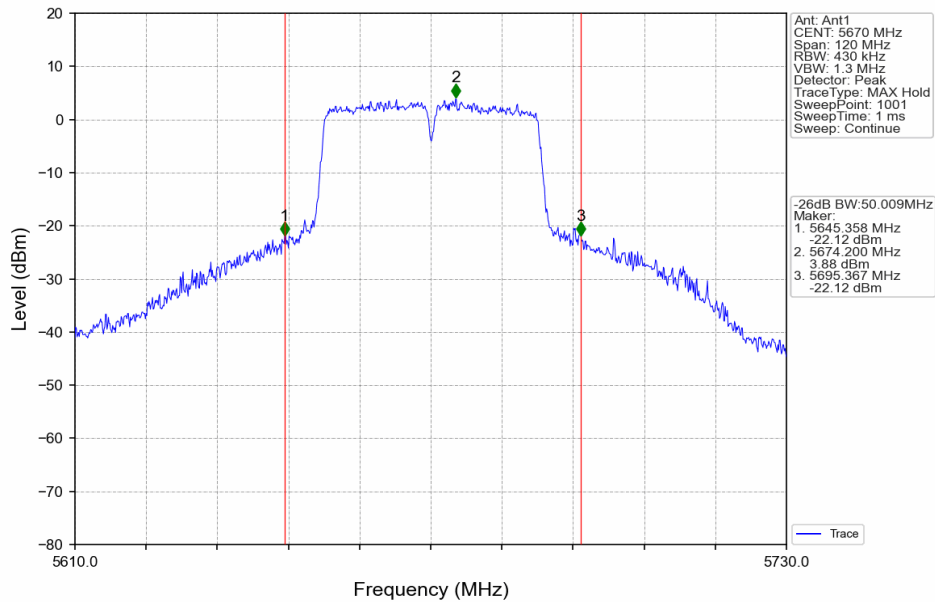
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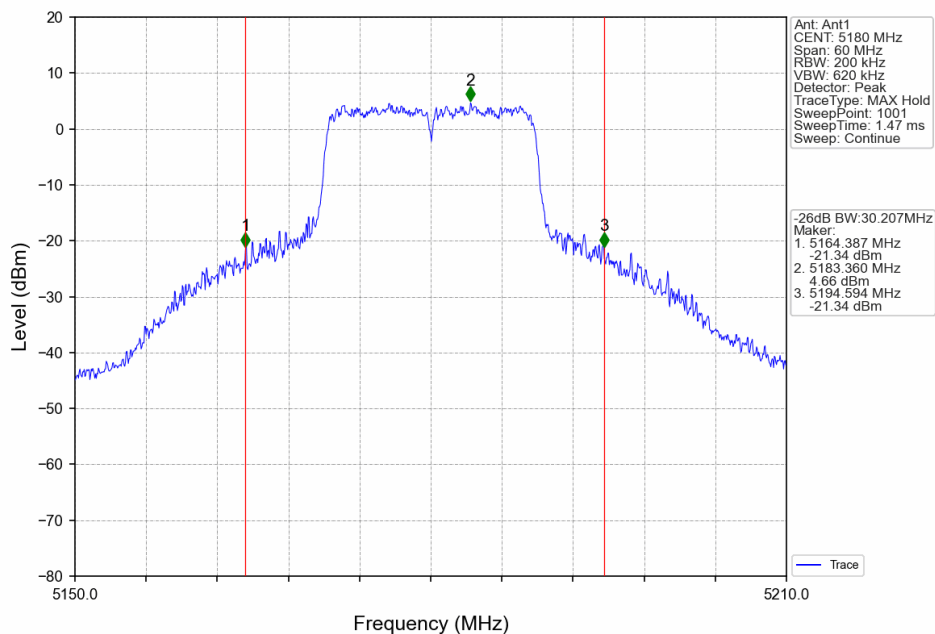
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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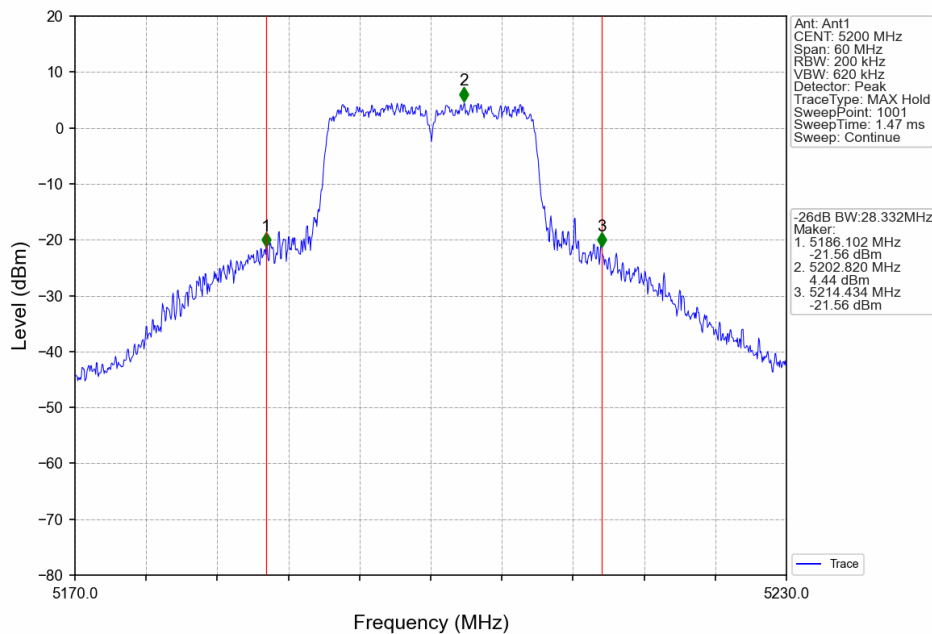
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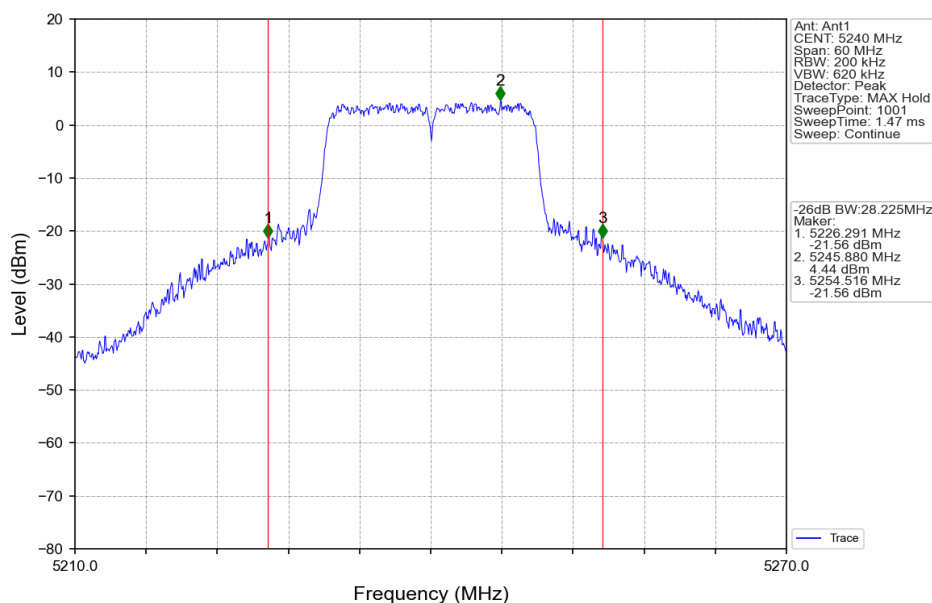
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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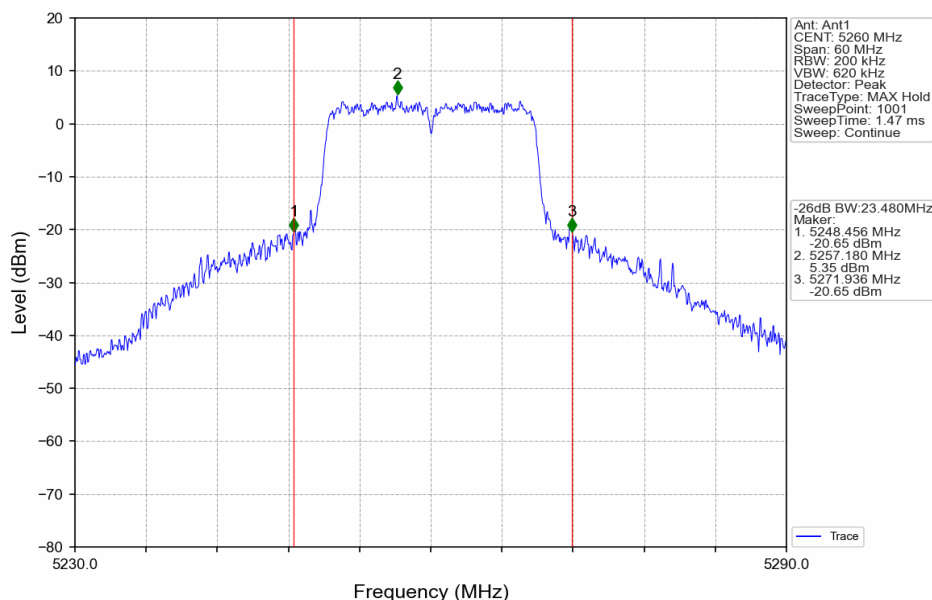
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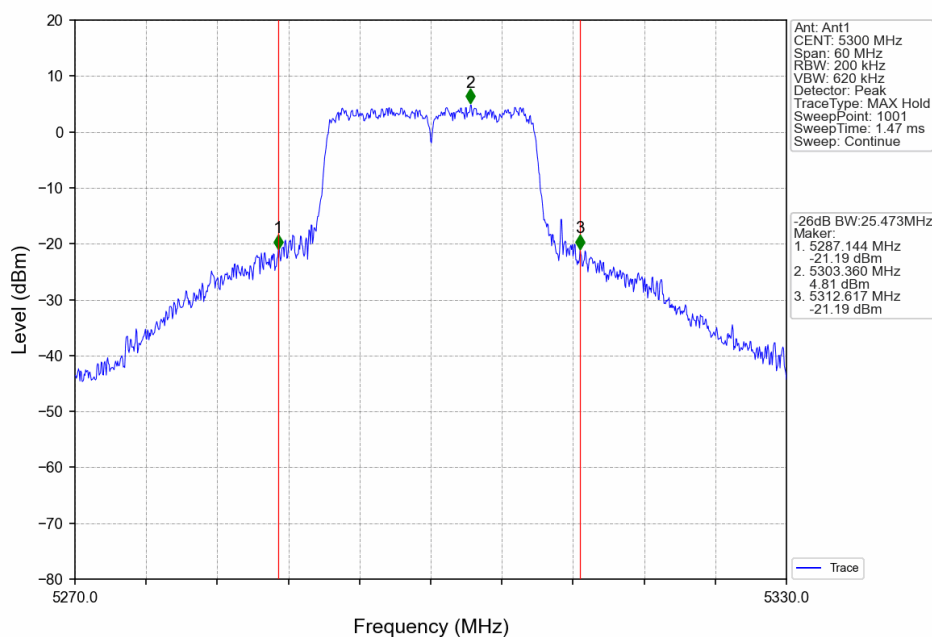
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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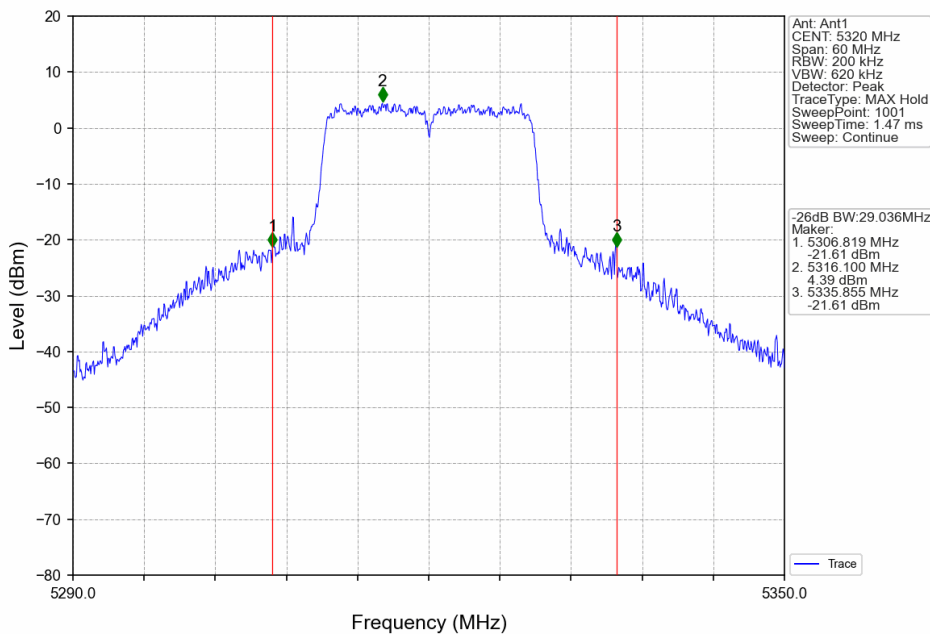
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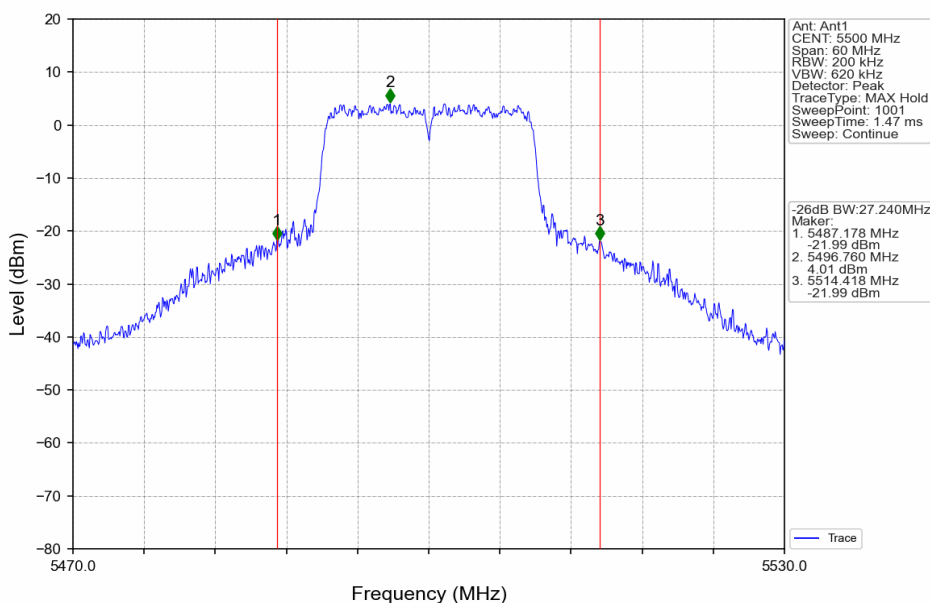
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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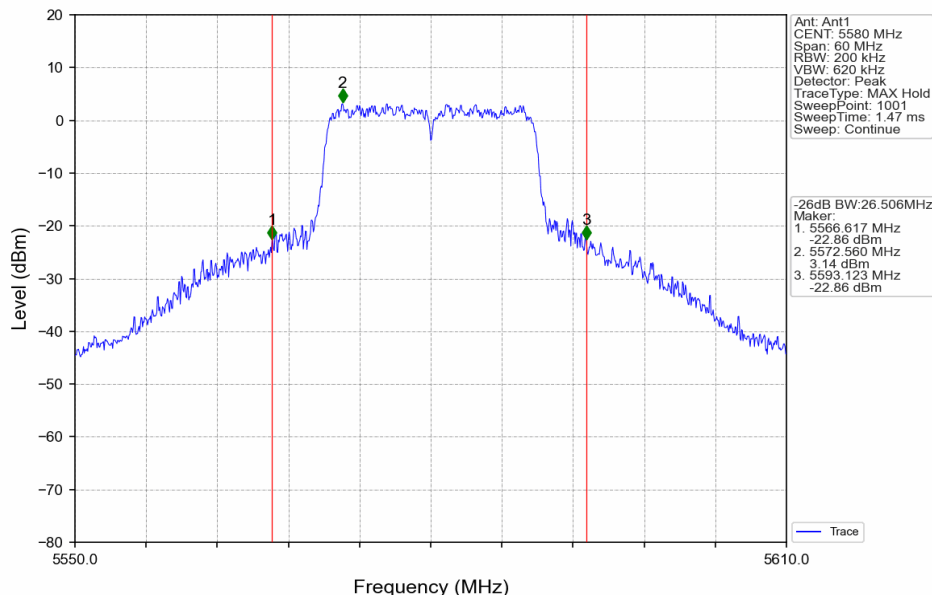
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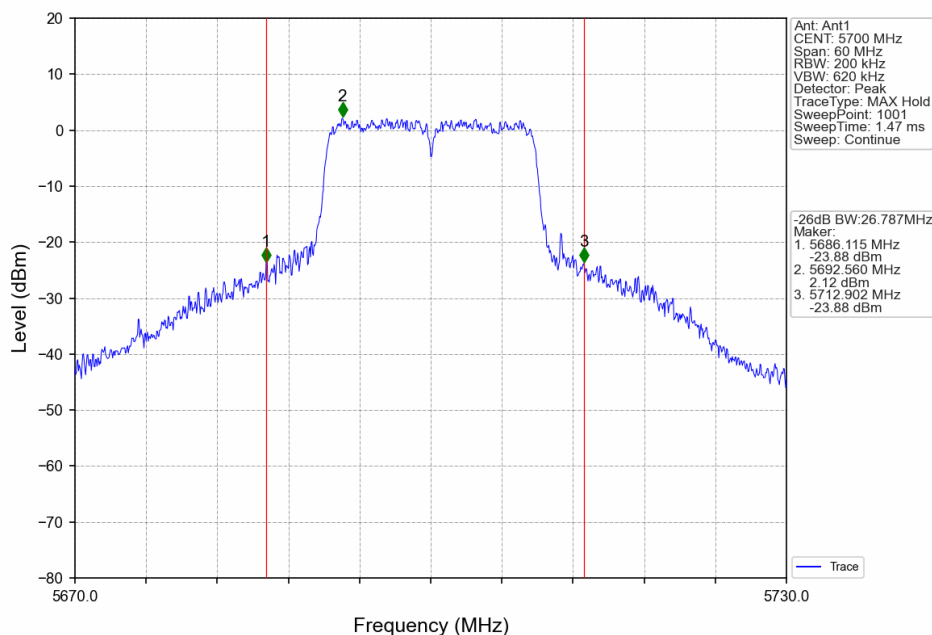
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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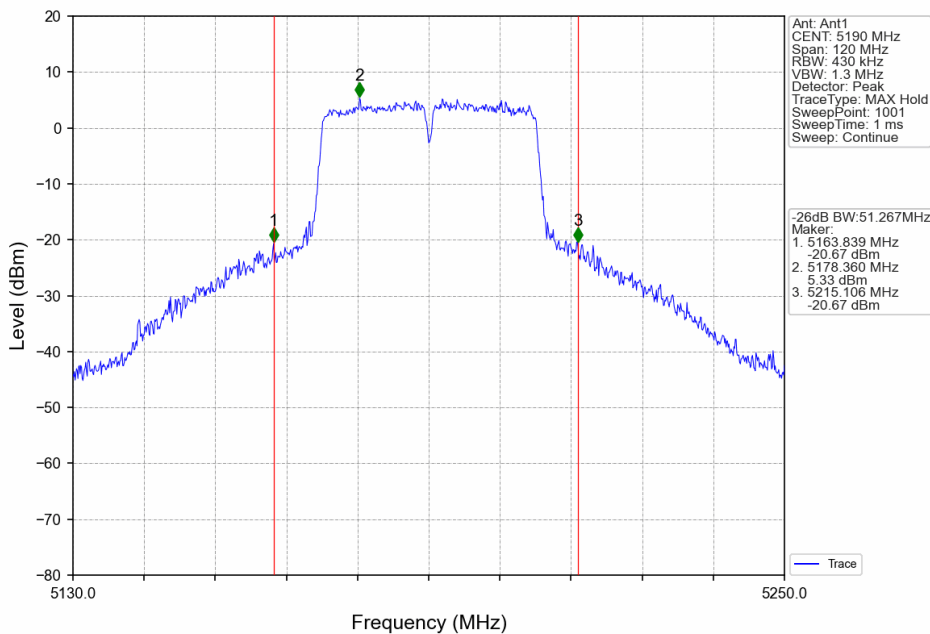
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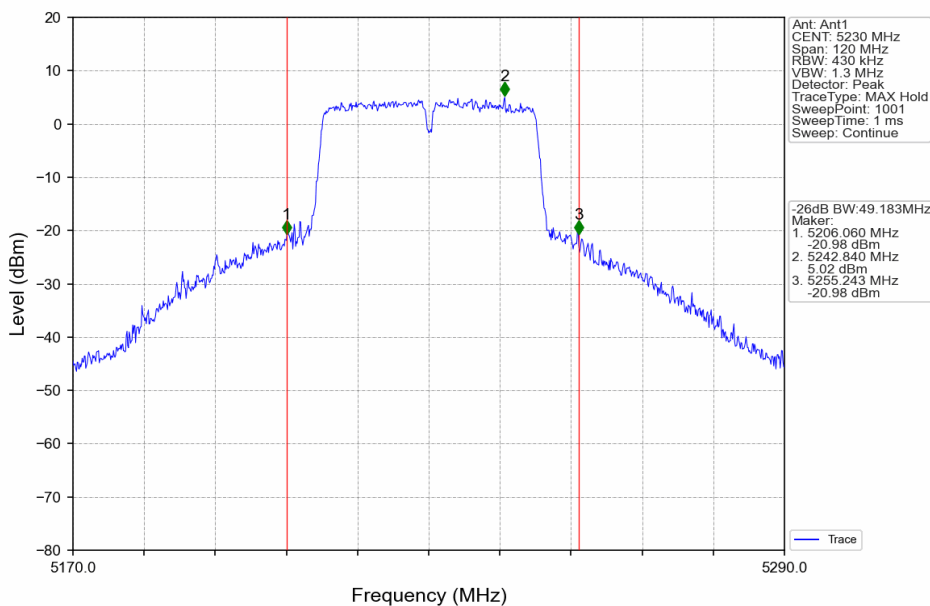
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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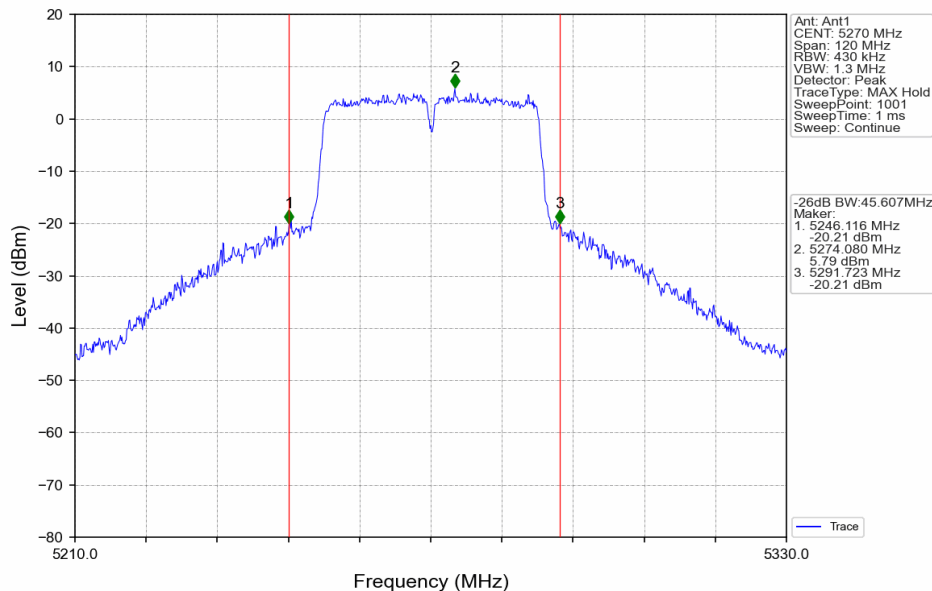
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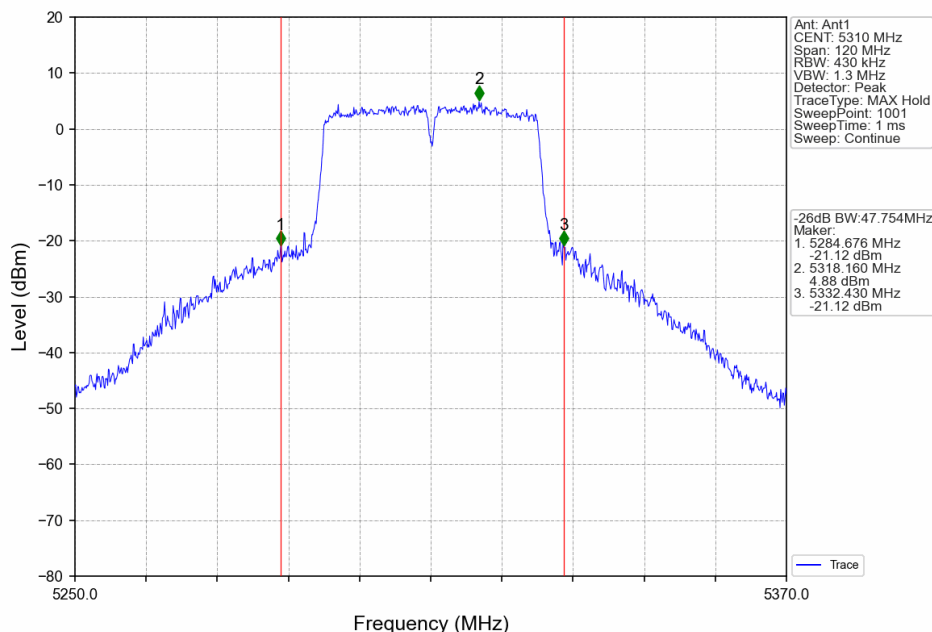
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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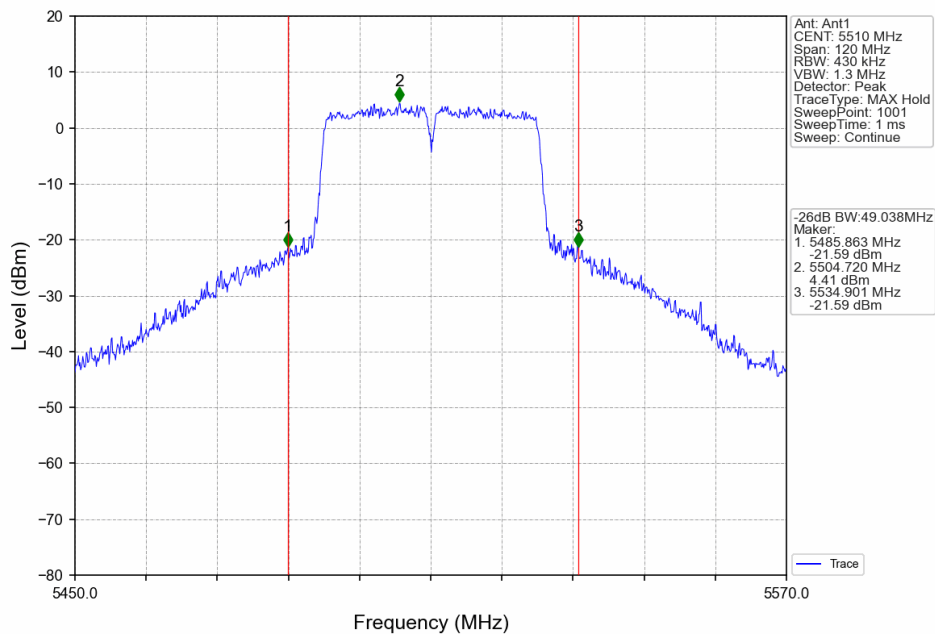
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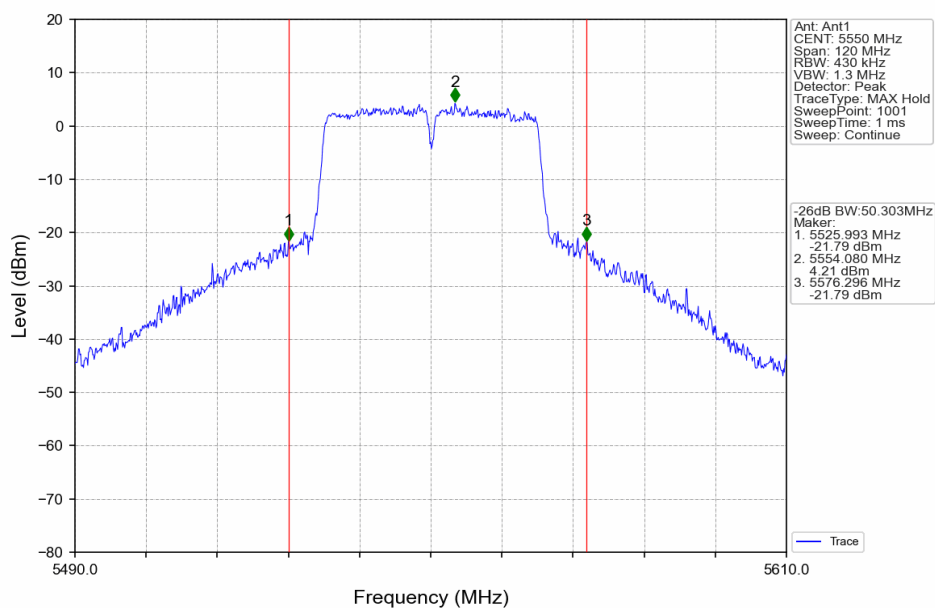
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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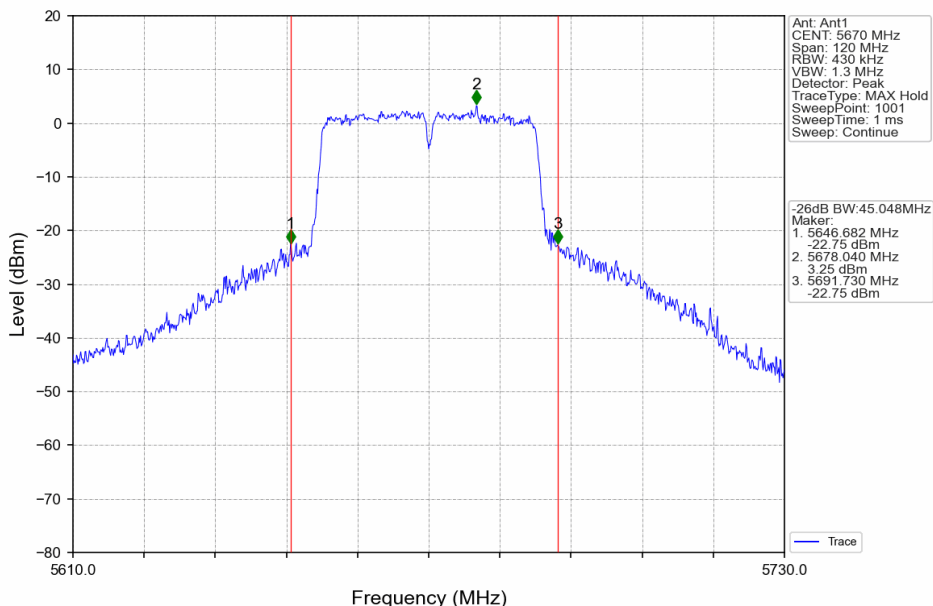
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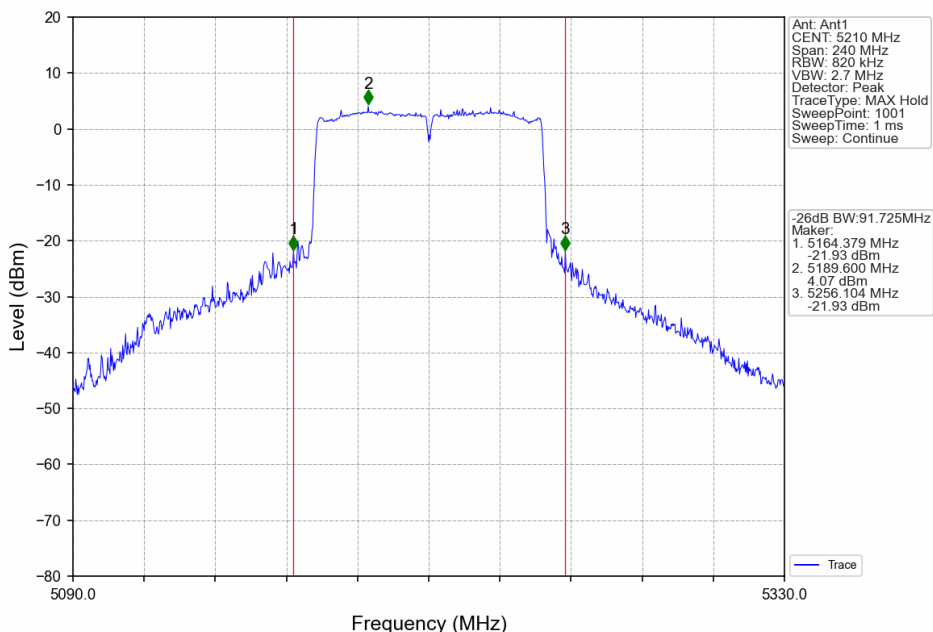
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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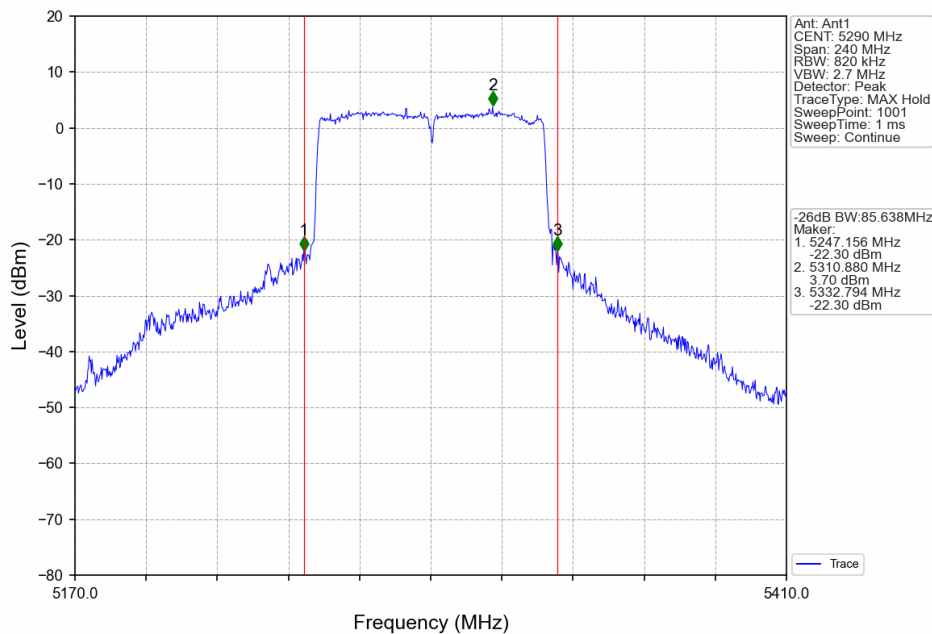
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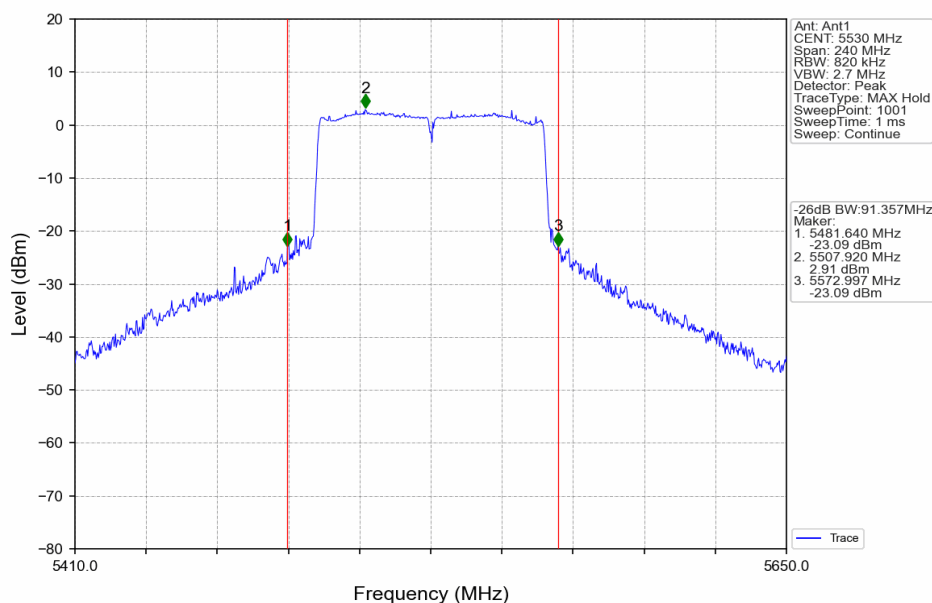
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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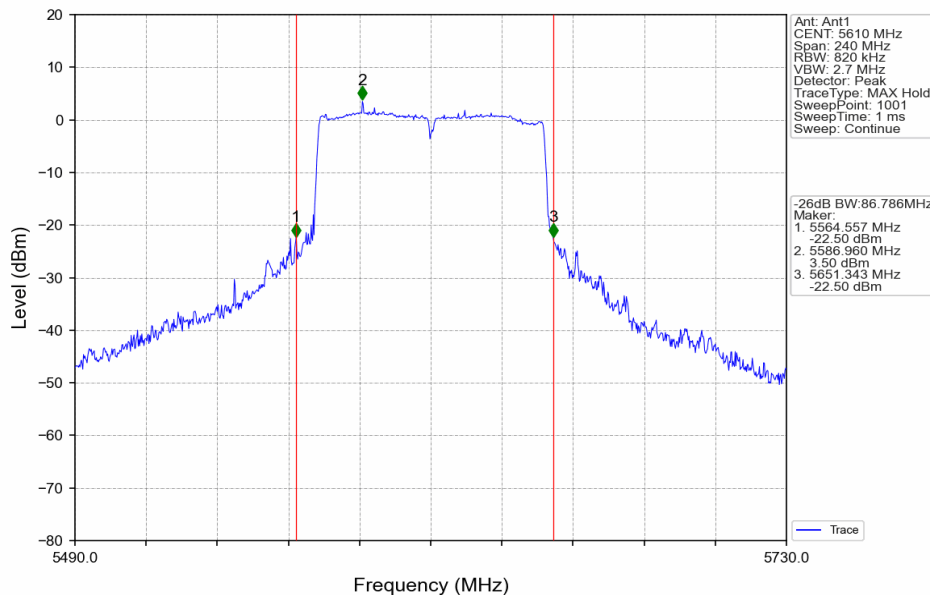
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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	Limit	
802.11a	SISO	5180	15.62	<=23.98	Pass
		5200	15.60	<=23.98	Pass
		5240	15.32	<=23.98	Pass
		5260	15.39	<=23.98	Pass
		5300	15.64	<=23.98	Pass
		5320	15.49	<=23.98	Pass
		5500	14.87	<=23.98	Pass
		5580	13.95	<=23.98	Pass
		5700	13.80	<=23.98	Pass
		5745	13.43	<=30	Pass
		5785	13.32	<=30	Pass
		5825	13.19	<=30	Pass
802.11n (HT20)	SISO	5180	15.29	<=23.98	Pass
		5200	15.30	<=23.98	Pass
		5240	15.15	<=23.98	Pass
		5260	15.32	<=23.98	Pass
		5300	15.51	<=23.98	Pass
		5320	15.41	<=23.98	Pass
		5500	14.83	<=23.98	Pass
		5580	13.90	<=23.98	Pass
		5700	13.90	<=23.98	Pass
		5745	13.60	<=30	Pass
		5785	13.56	<=30	Pass
		5825	13.34	<=30	Pass
802.11n (HT40)	SISO	5190	15.94	<=23.98	Pass
		5230	16.00	<=23.98	Pass
		5270	15.91	<=23.98	Pass
		5310	15.98	<=23.98	Pass
		5510	14.43	<=23.98	Pass
		5550	14.99	<=23.98	Pass



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		5670	14.82	<=23.98	Pass
		5755	13.96	<=30	Pass
		5795	13.90	<=30	Pass
802.11ac (VHT20)	SISO	5180	14.86	<=23.98	Pass
		5200	14.86	<=23.98	Pass
		5240	14.66	<=23.98	Pass
		5260	14.74	<=23.98	Pass
		5300	14.95	<=23.98	Pass
		5320	14.80	<=23.98	Pass
		5500	14.29	<=23.98	Pass
		5580	13.46	<=23.98	Pass
		5700	13.39	<=23.98	Pass
		5745	13.17	<=30	Pass
		5785	13.05	<=30	Pass
		5825	12.86	<=30	Pass
802.11ac (VHT40)	SISO	5190	14.98	<=23.98	Pass
		5230	14.99	<=23.98	Pass
		5270	15.15	<=23.98	Pass
		5310	15.11	<=23.98	Pass
		5510	14.65	<=23.98	Pass
		5550	14.17	<=23.98	Pass
		5670	13.97	<=23.98	Pass
		5755	13.48	<=30	Pass
		5795	13.38	<=30	Pass
802.11ac (VHT80)	SISO	5210	14.34	<=23.98	Pass
		5290	14.12	<=23.98	Pass
		5530	13.60	<=23.98	Pass
		5610	12.25	<=23.98	Pass
		5775	12.55	<=30	Pass



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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	Limit	
802.11a	SISO	5180	4.20	<=11	Pass
		5200	4.32	<=11	Pass
		5240	4.06	<=11	Pass
		5260	4.15	<=11	Pass
		5300	4.40	<=11	Pass
		5320	4.30	<=11	Pass
		5500	3.63	<=11	Pass
		5580	2.73	<=11	Pass
		5700	1.54	<=11	Pass
802.11n (HT20)	SISO	5180	3.80	<=11	Pass
		5200	3.75	<=11	Pass
		5240	3.59	<=11	Pass
		5260	3.76	<=11	Pass
		5300	4.29	<=11	Pass
		5320	3.90	<=11	Pass
		5500	3.23	<=11	Pass
		5580	2.52	<=11	Pass
		5700	1.48	<=11	Pass
802.11n (HT40)	SISO	5190	1.60	<=11	Pass
		5230	1.72	<=11	Pass
		5270	1.84	<=11	Pass
		5310	1.71	<=11	Pass
		5510	1.02	<=11	Pass
		5550	0.62	<=11	Pass
		5670	-0.50	<=11	Pass
802.11ac (VHT20)	SISO	5180	3.39	<=11	Pass
		5200	3.24	<=11	Pass
		5240	3.02	<=11	Pass
		5260	3.54	<=11	Pass
		5300	3.43	<=11	Pass
		5320	3.36	<=11	Pass



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		5500	2.72	<=11	Pass
		5580	1.96	<=11	Pass
		5700	0.94	<=11	Pass
802.11ac (VHT40)	SISO	5190	0.74	<=11	Pass
		5230	0.91	<=11	Pass
		5270	0.76	<=11	Pass
		5310	0.68	<=11	Pass
		5510	0.22	<=11	Pass
		5550	-0.08	<=11	Pass
		5670	-1.38	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.30	<=11	Pass
		5290	-3.49	<=11	Pass
		5530	-3.85	<=11	Pass
		5610	-4.82	<=11	Pass



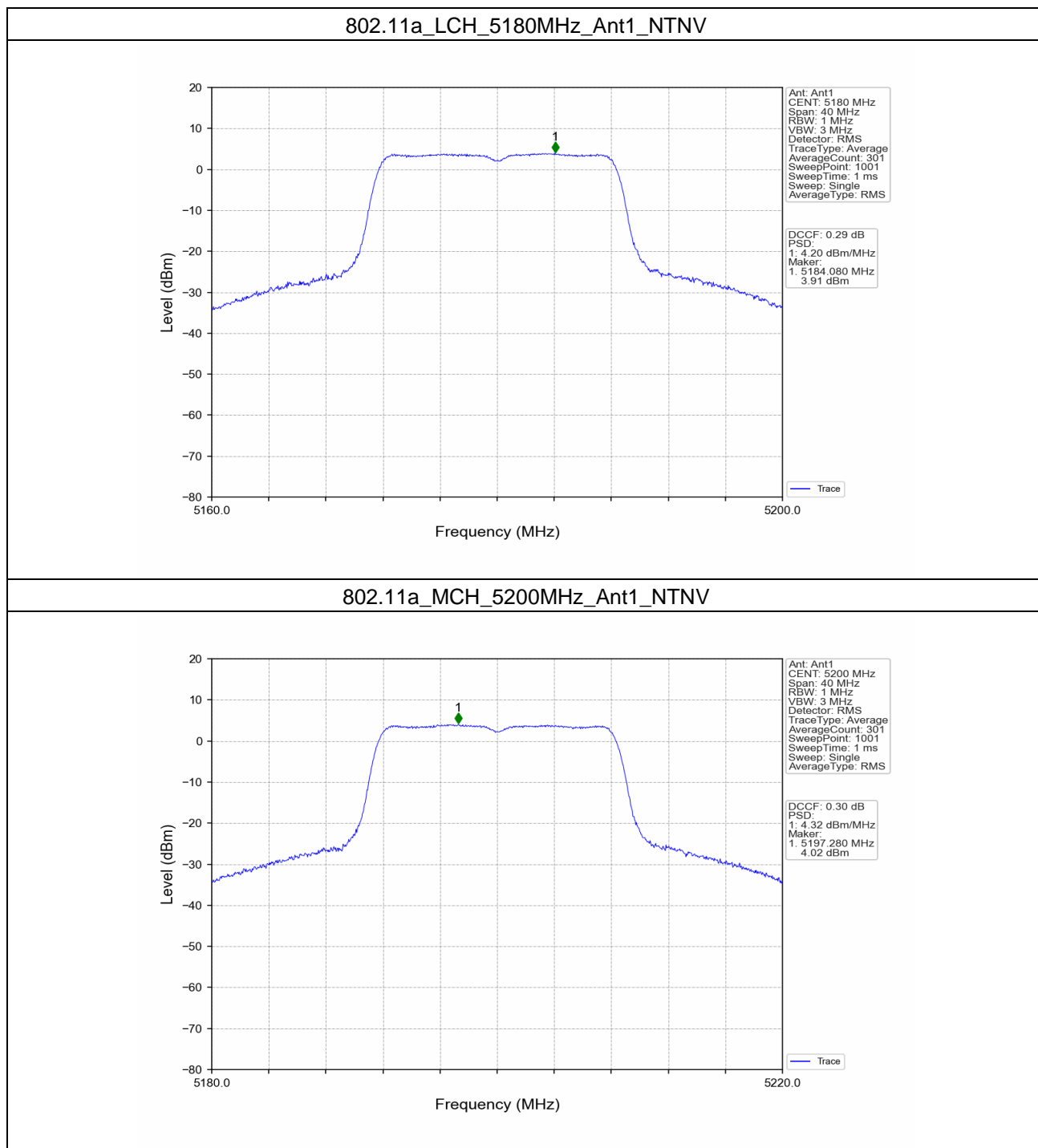
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4.1.2 Test Graph



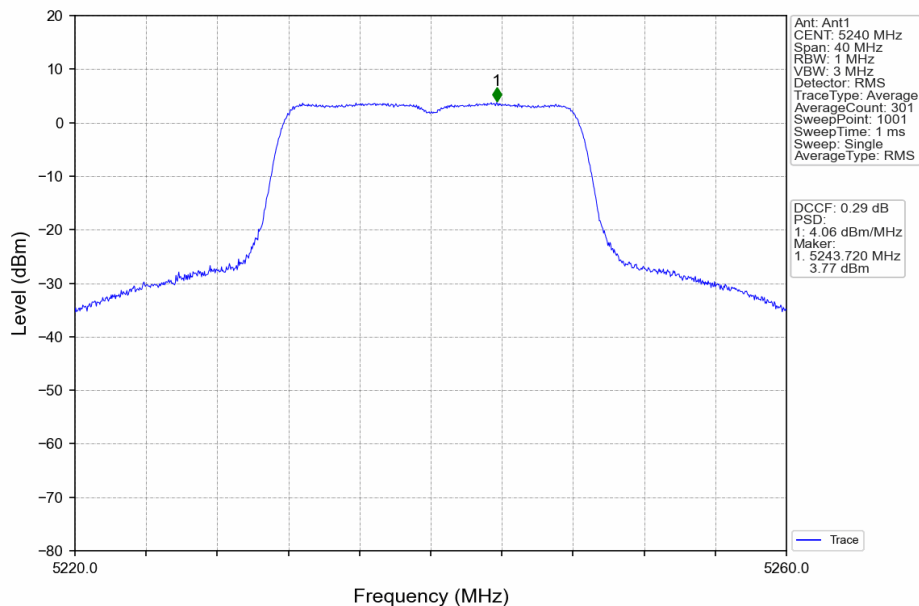
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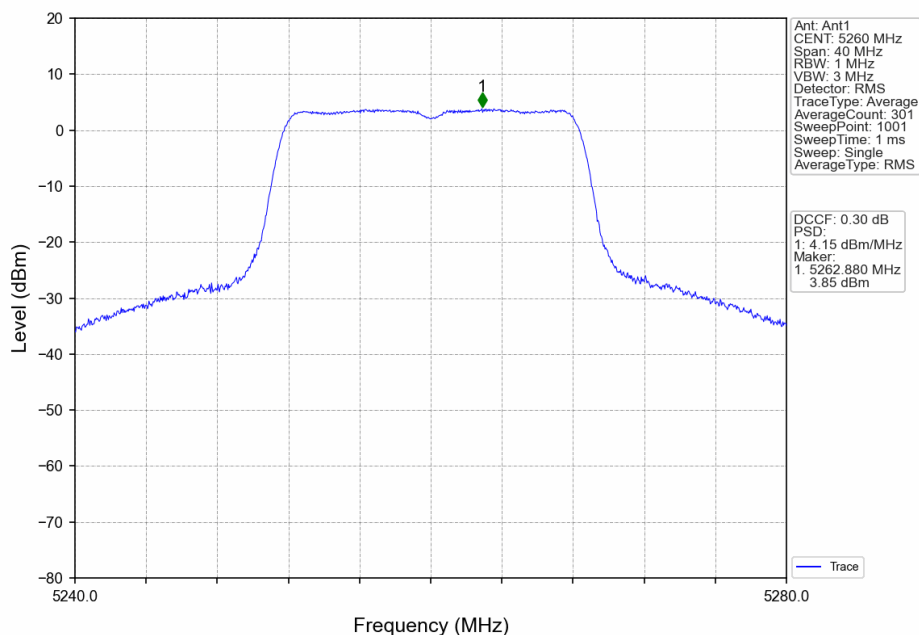
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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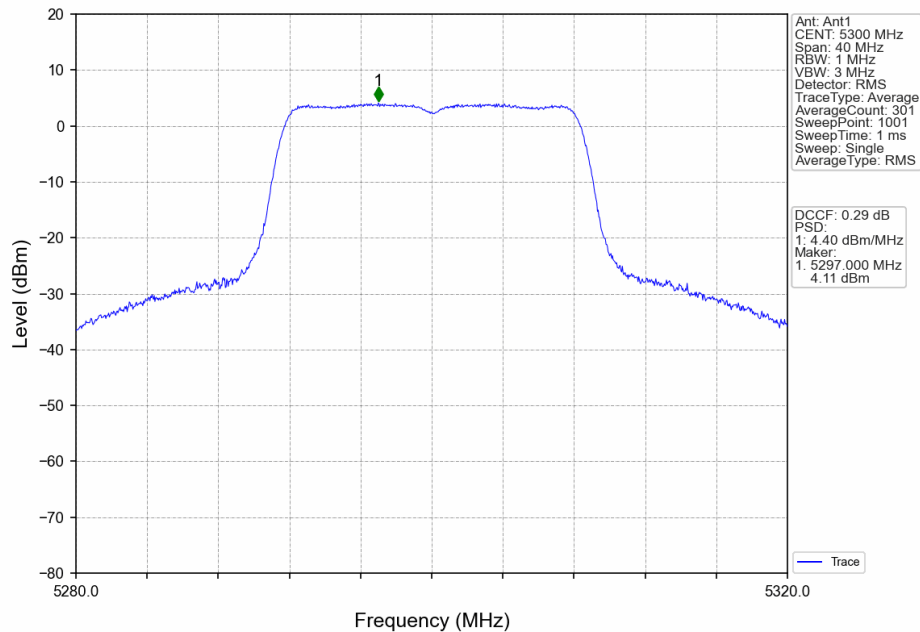
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

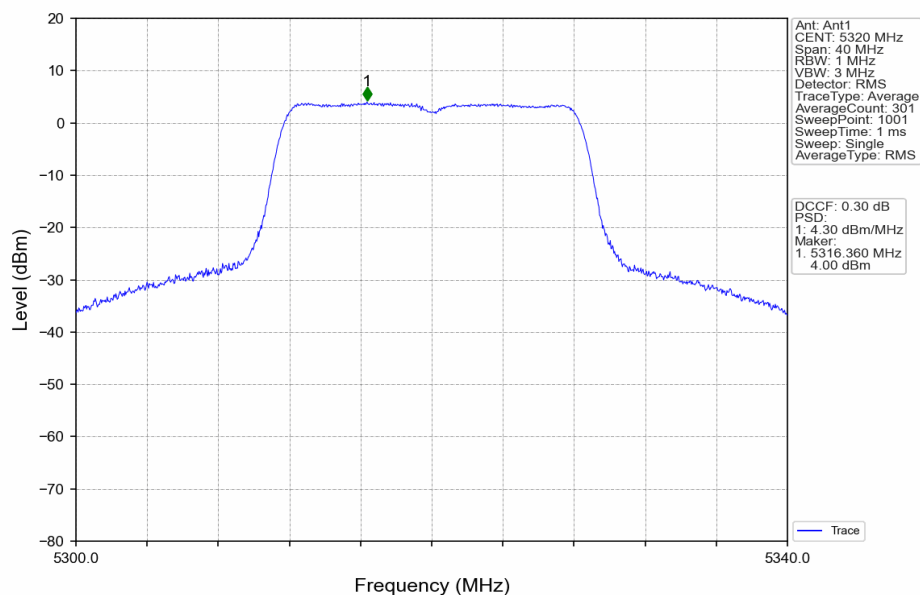
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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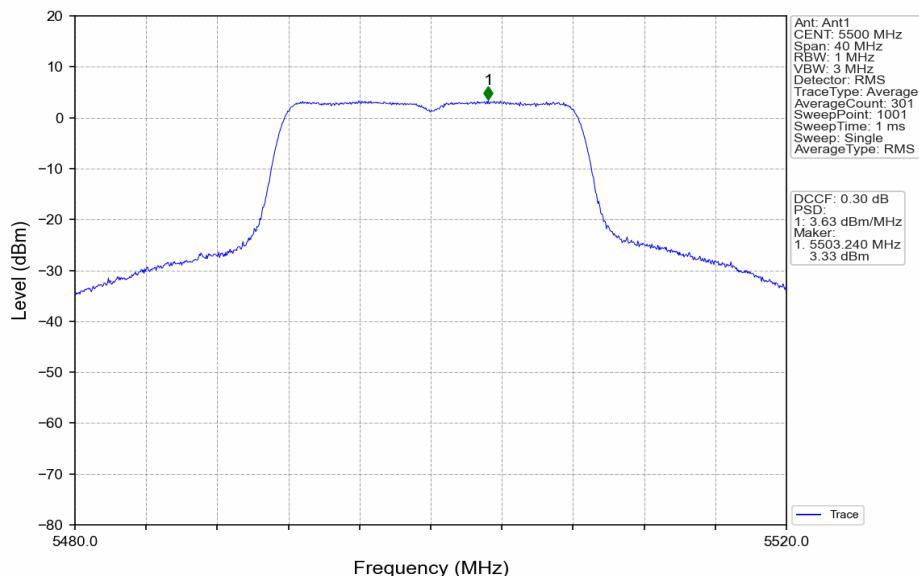
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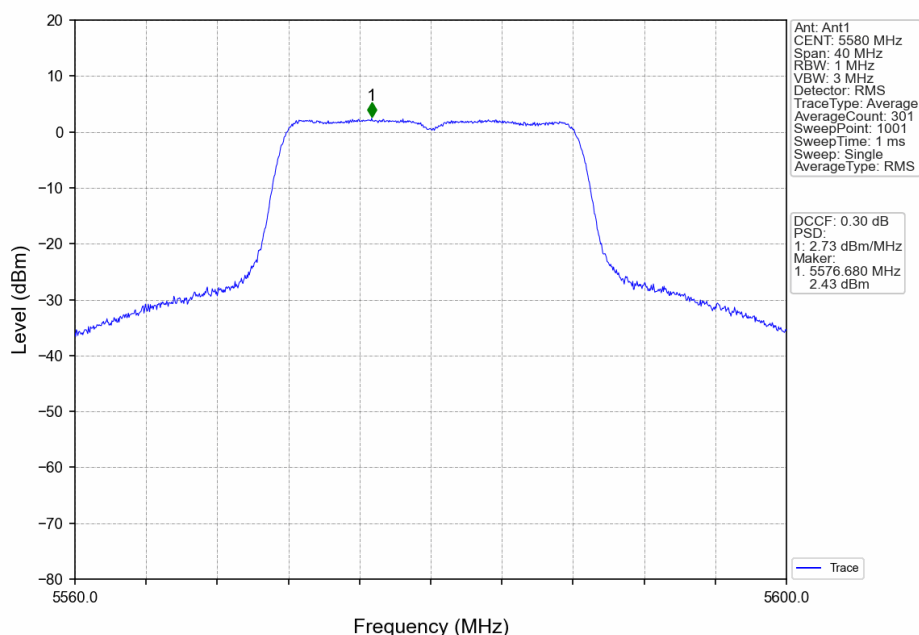
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



SGS-CSTC Standards Technical Services Co., Ltd.
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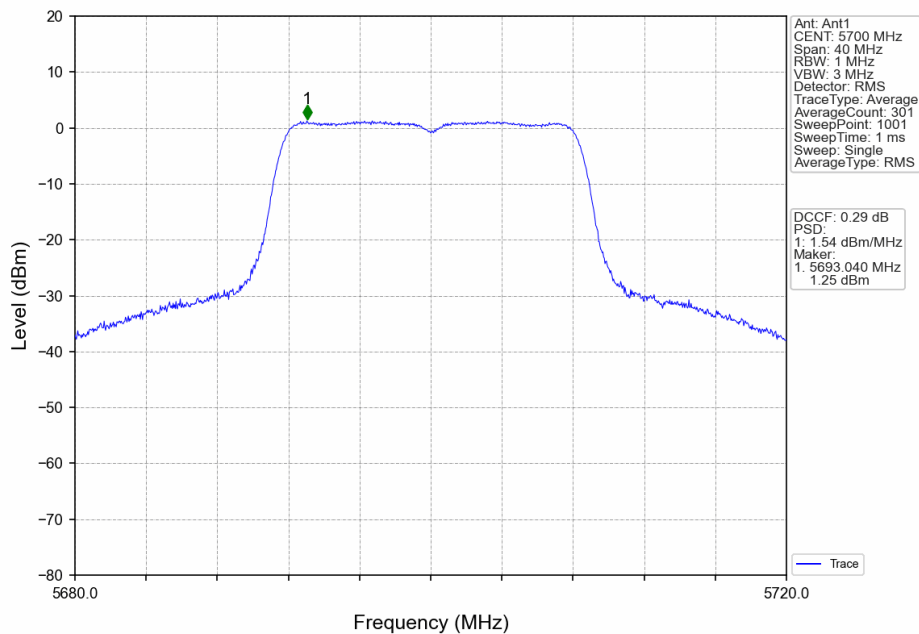
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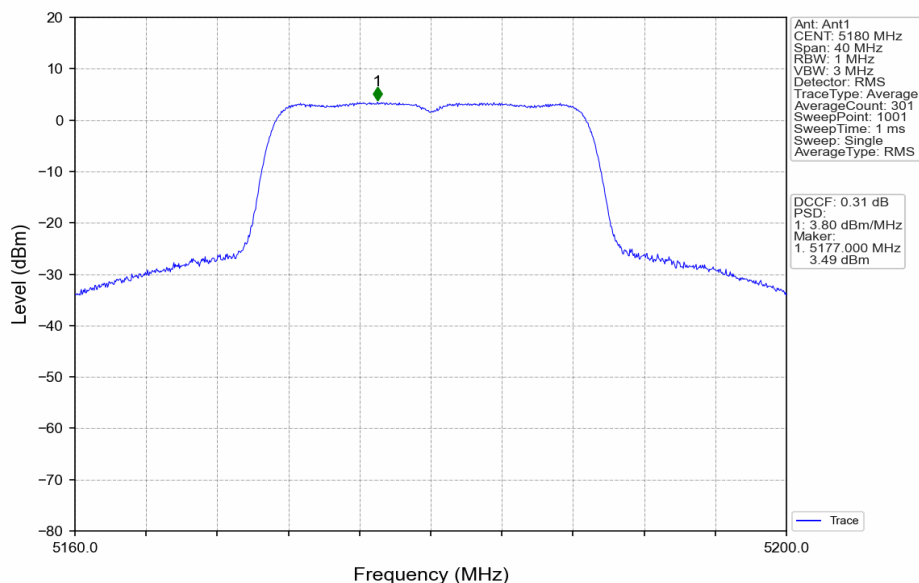
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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