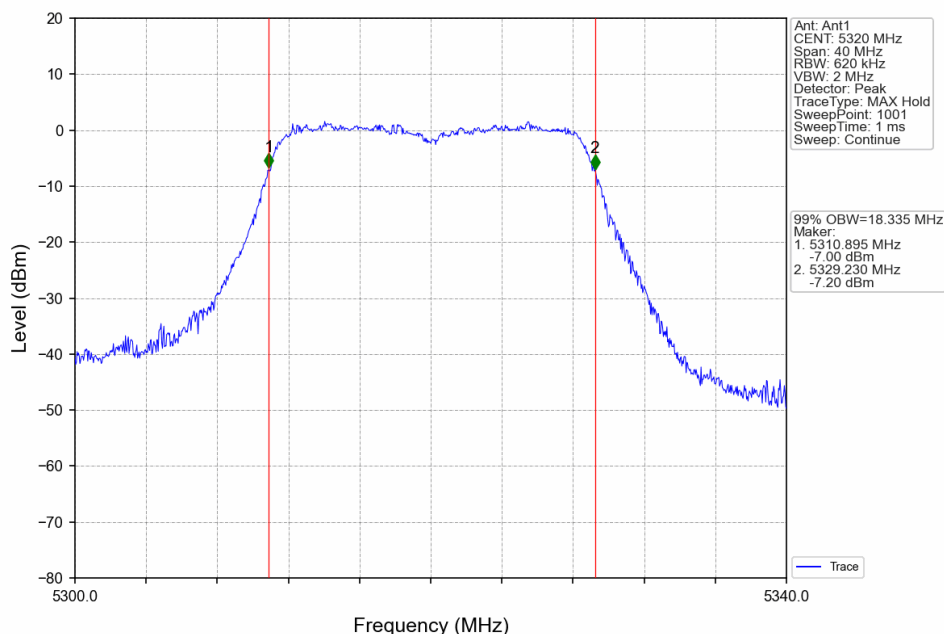
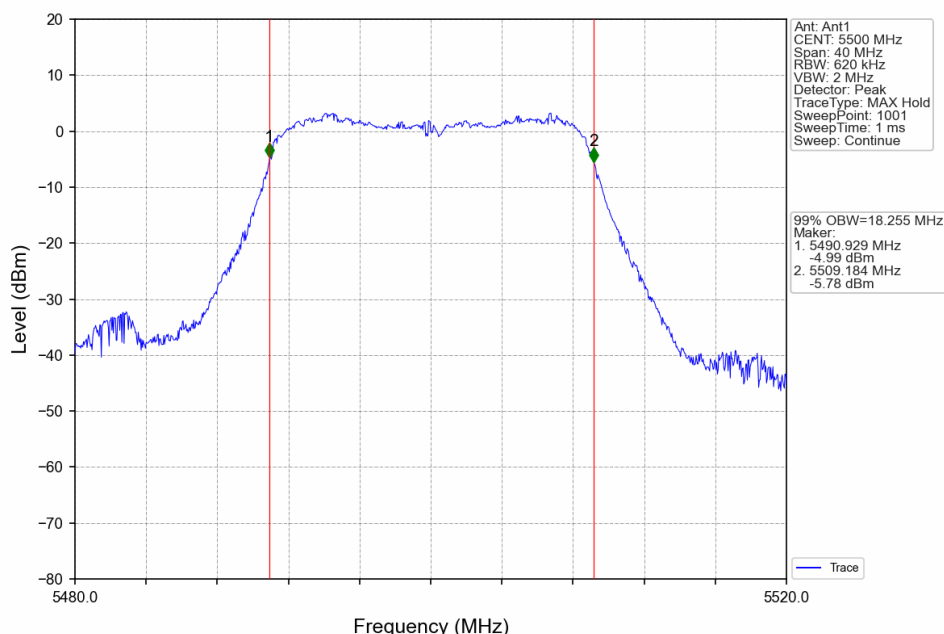


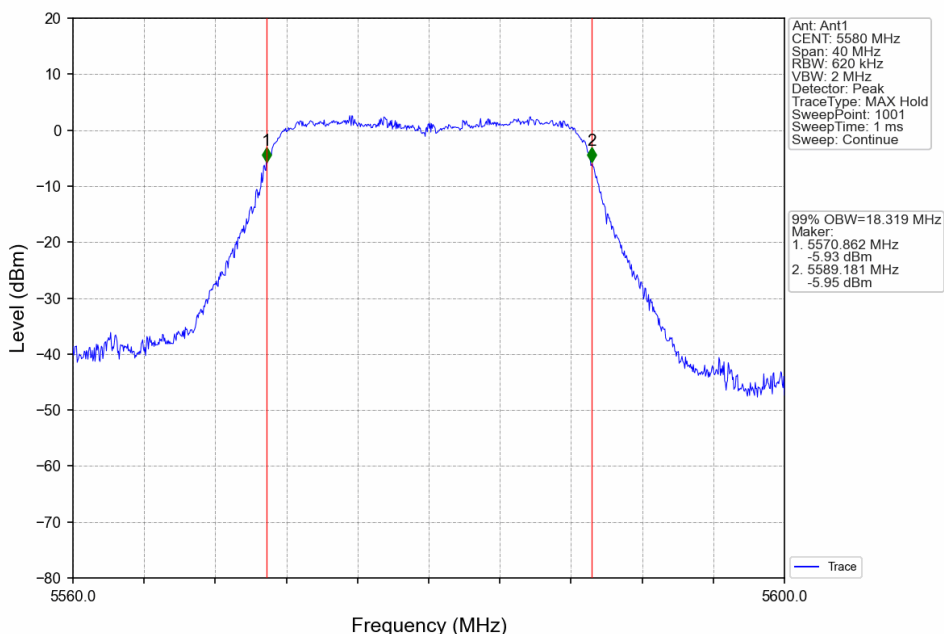
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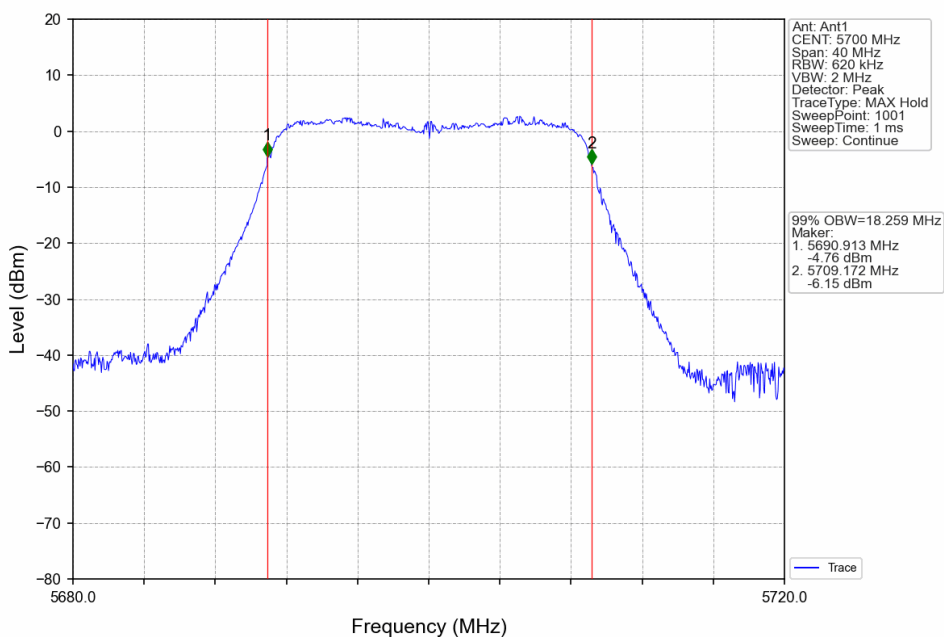
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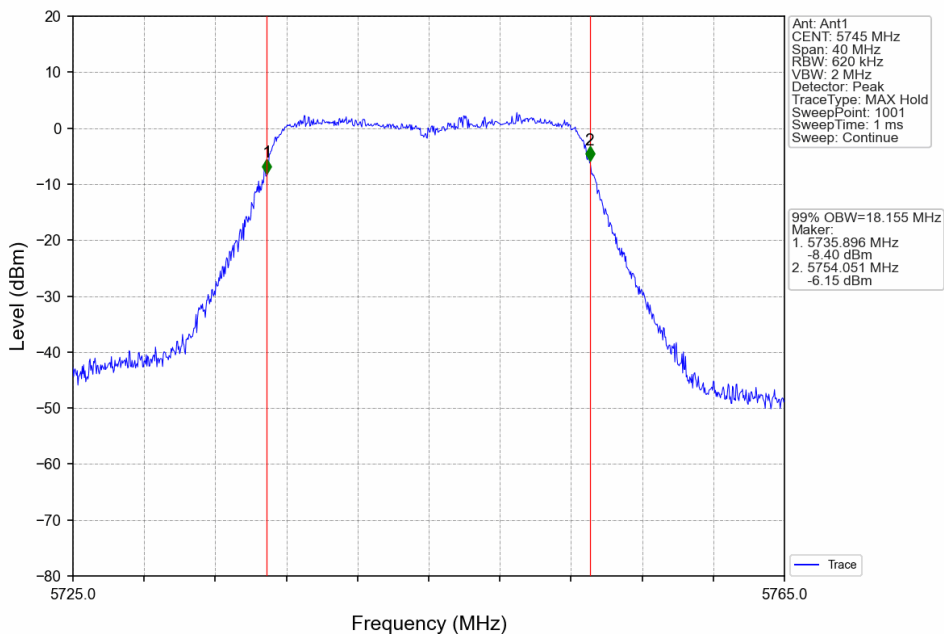
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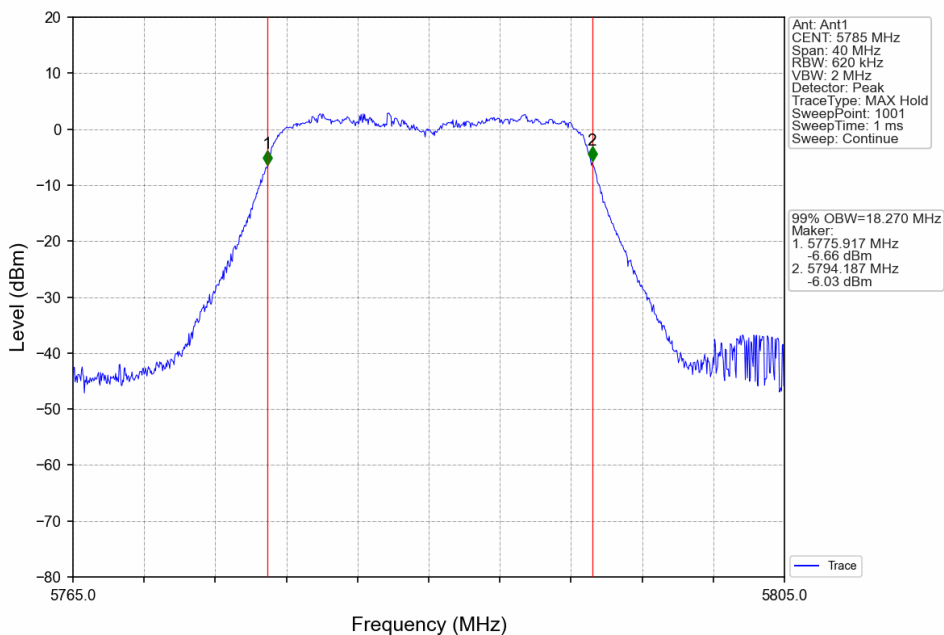
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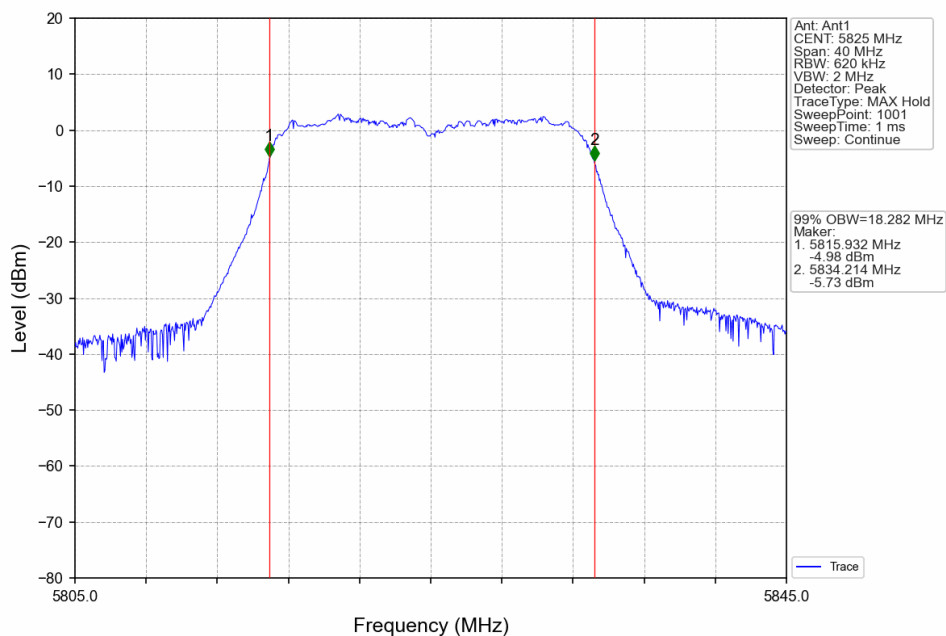
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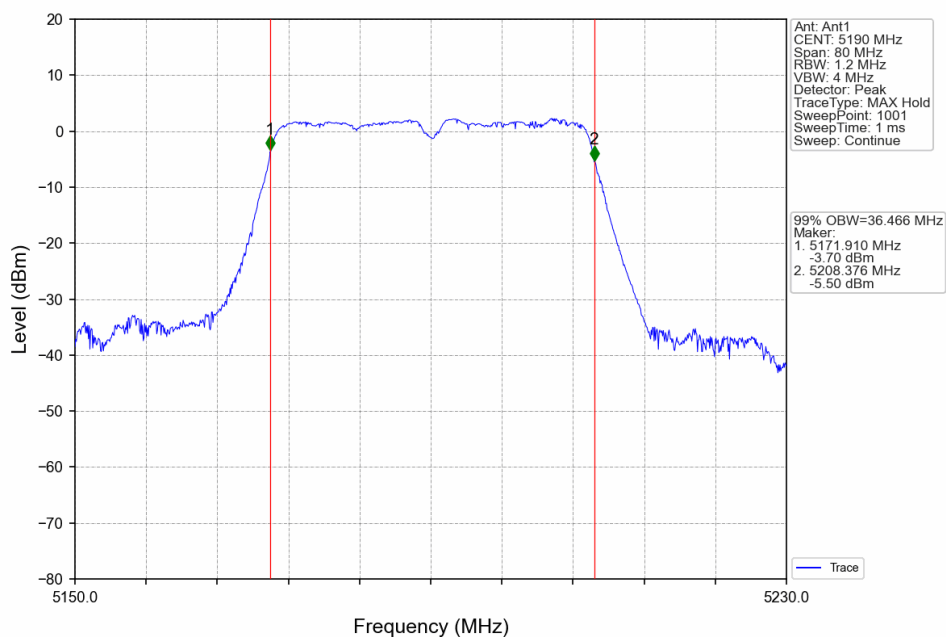
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



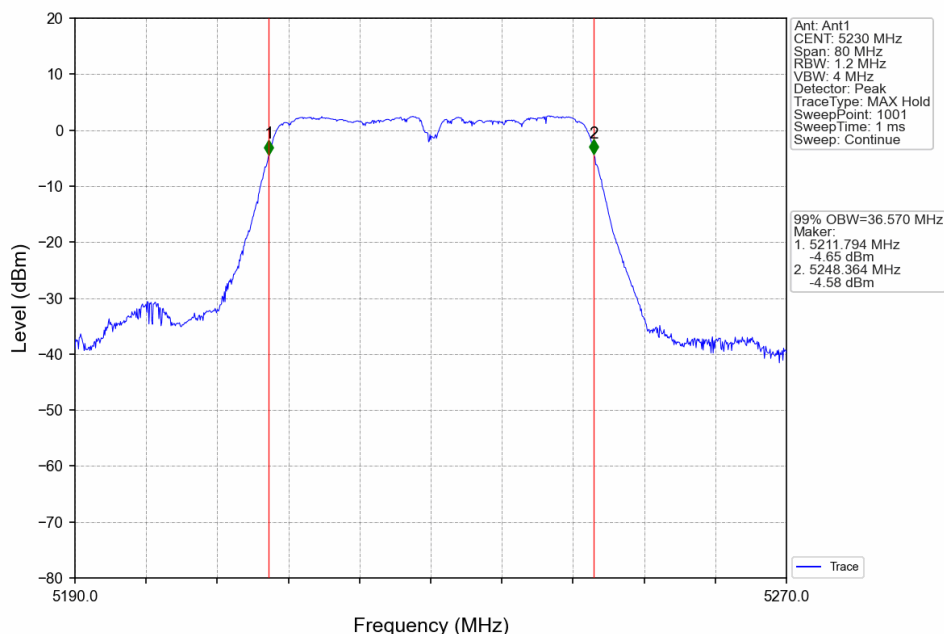
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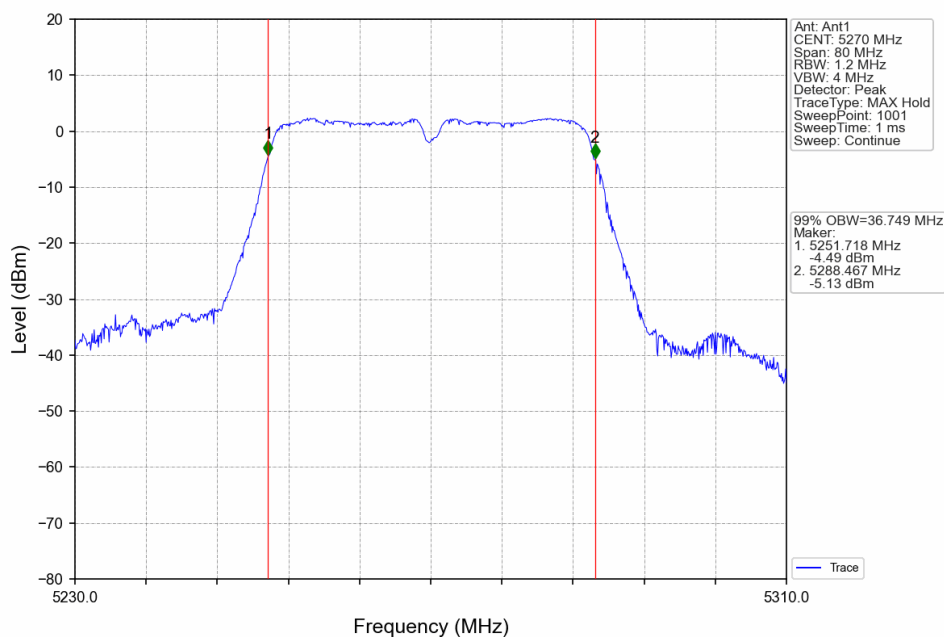
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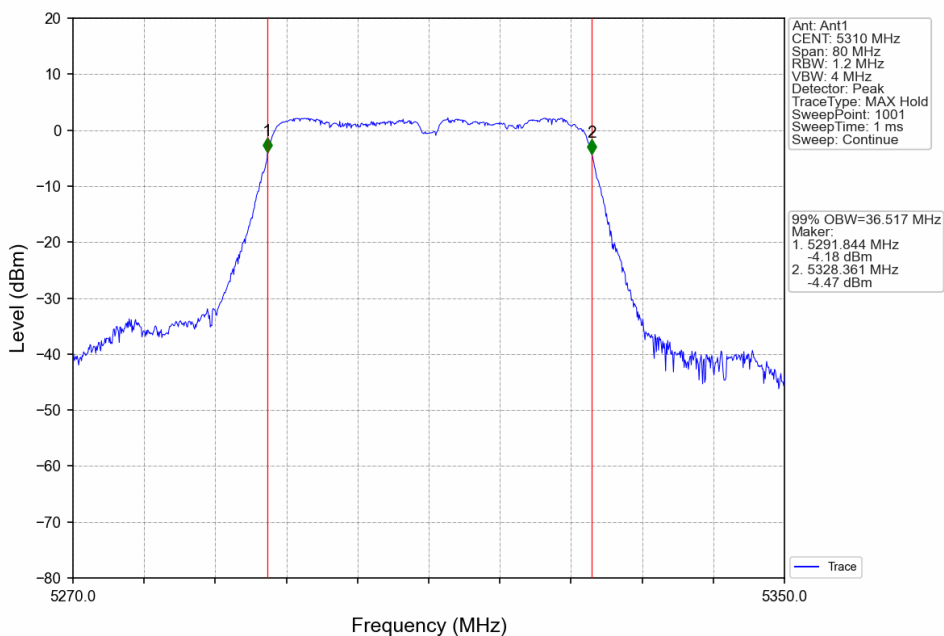
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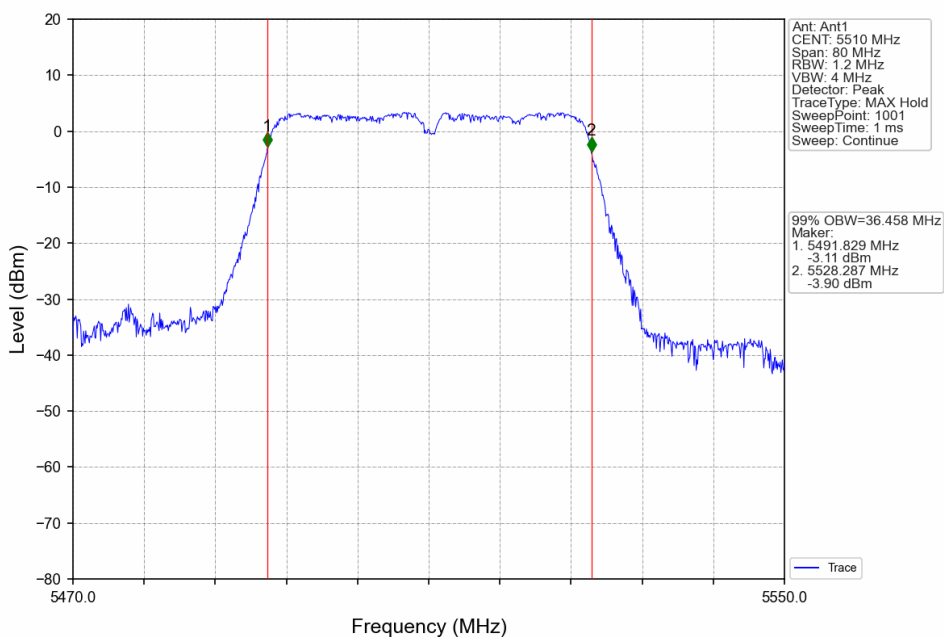
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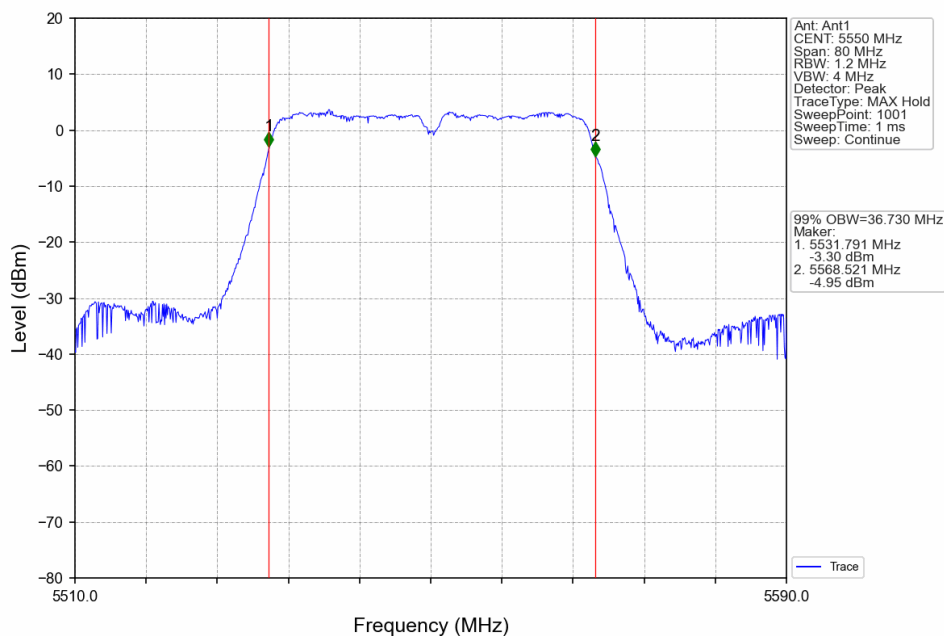
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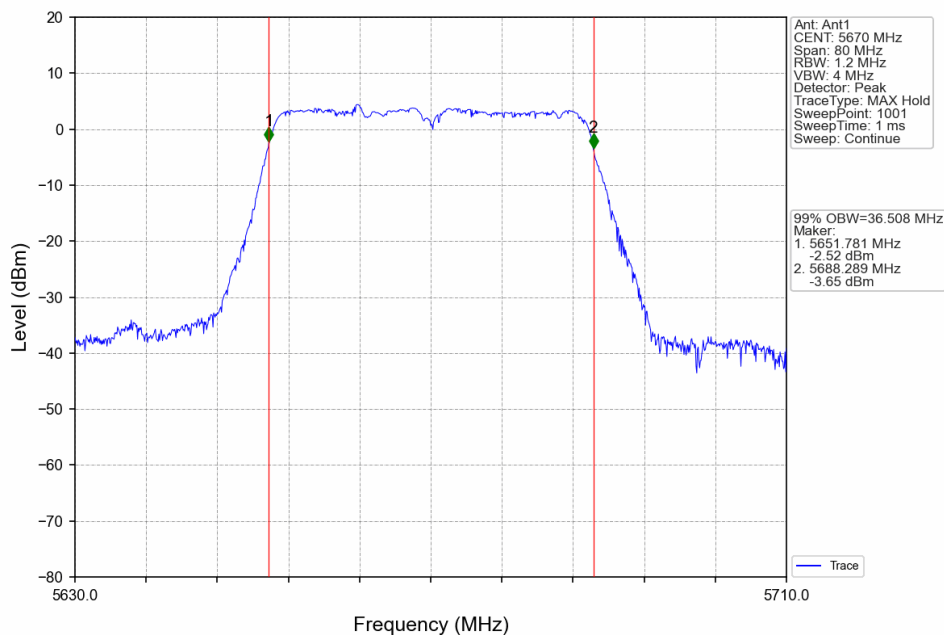
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



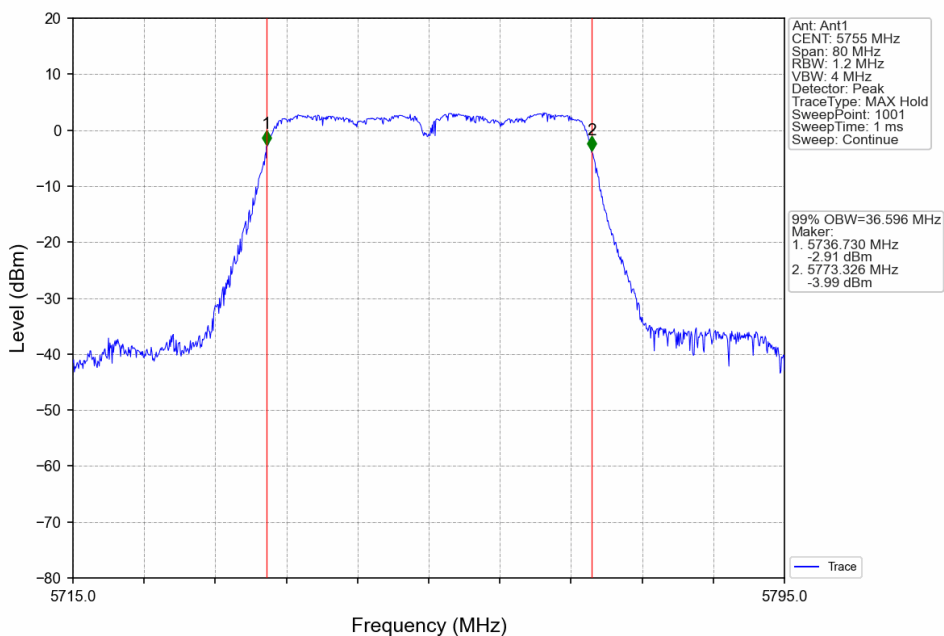
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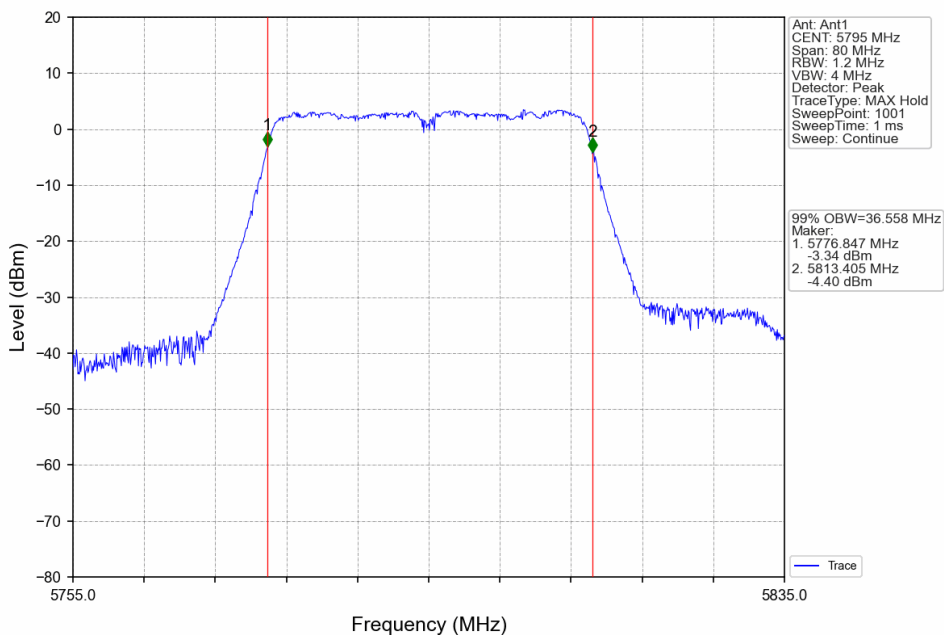
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



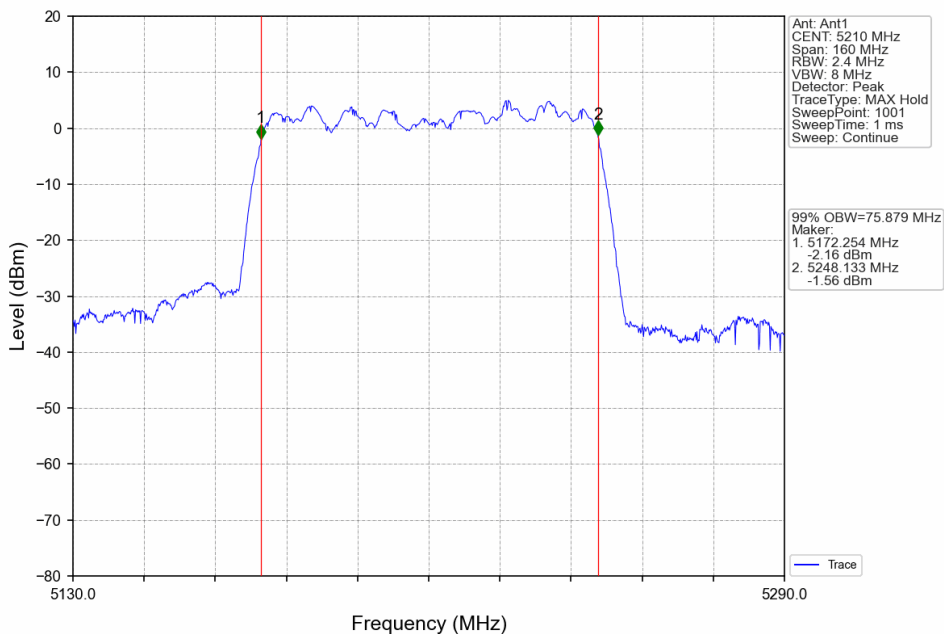
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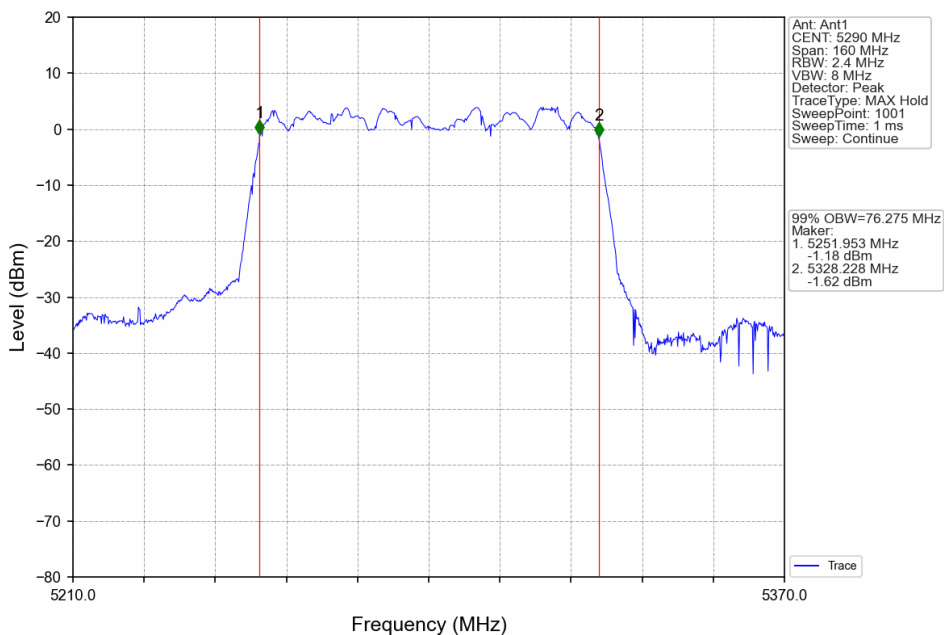
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



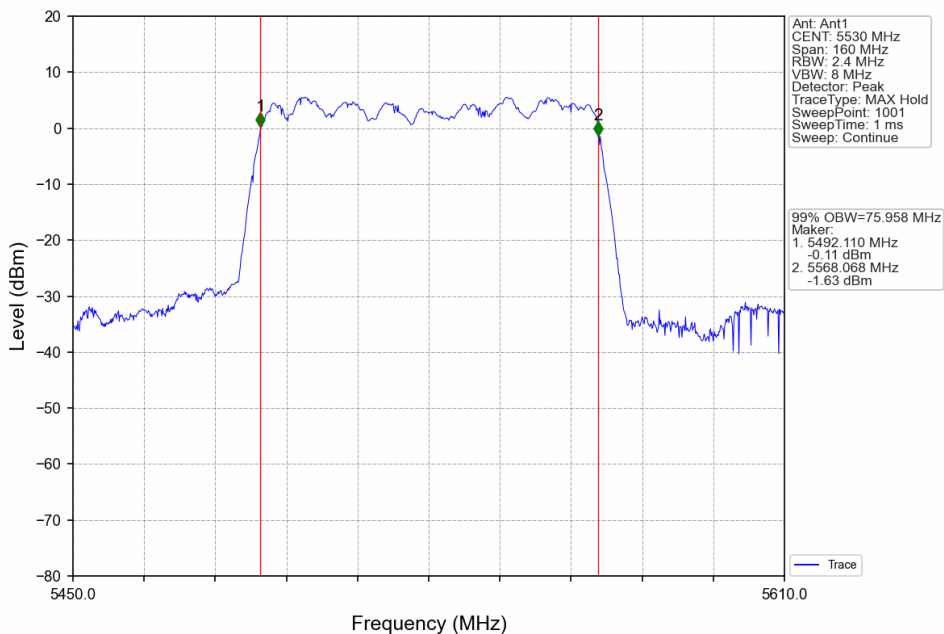
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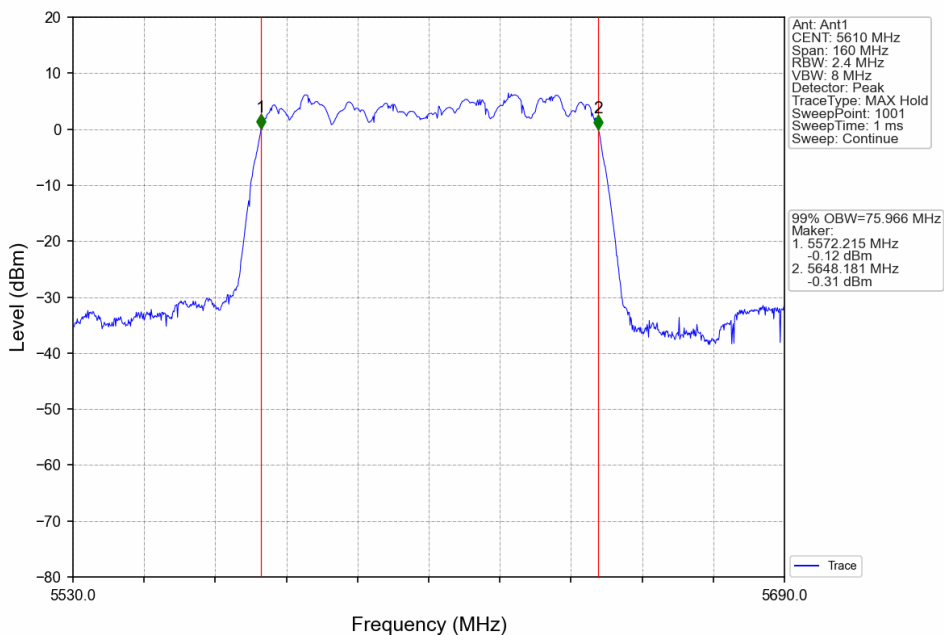
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



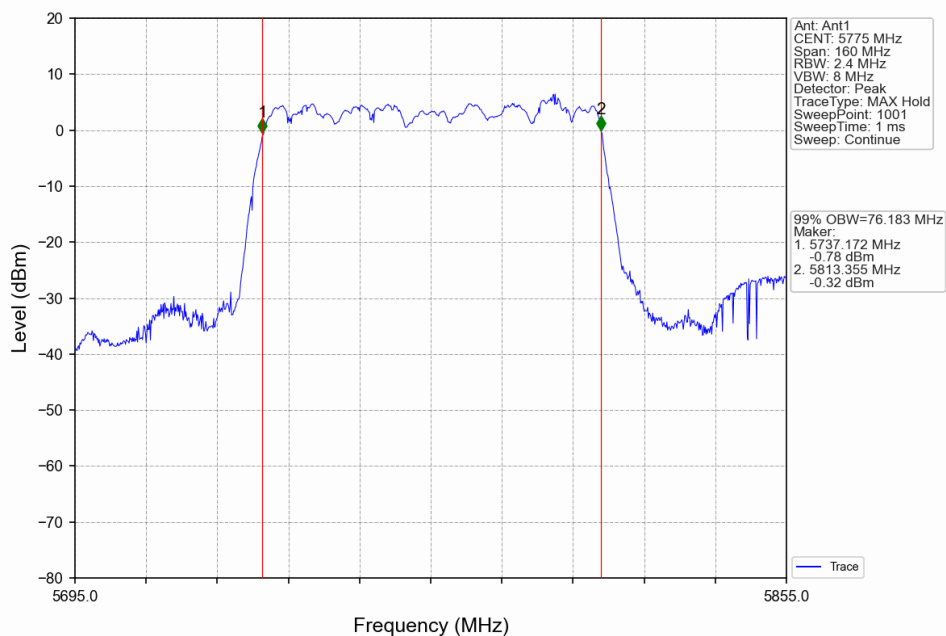
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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SZEMC-TRF-01 Rev. A/1

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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	16.356	≥ 0.5	Pass
		5785	1	16.348	≥ 0.5	Pass
		5825	1	16.359	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.039	≥ 0.5	Pass
		5785	1	17.067	≥ 0.5	Pass
		5825	1	17.073	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.374	≥ 0.5	Pass
		5795	1	35.358	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	16.955	≥ 0.5	Pass
		5785	1	17.051	≥ 0.5	Pass
		5825	1	17.067	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.496	≥ 0.5	Pass
		5795	1	35.616	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.171	≥ 0.5	Pass



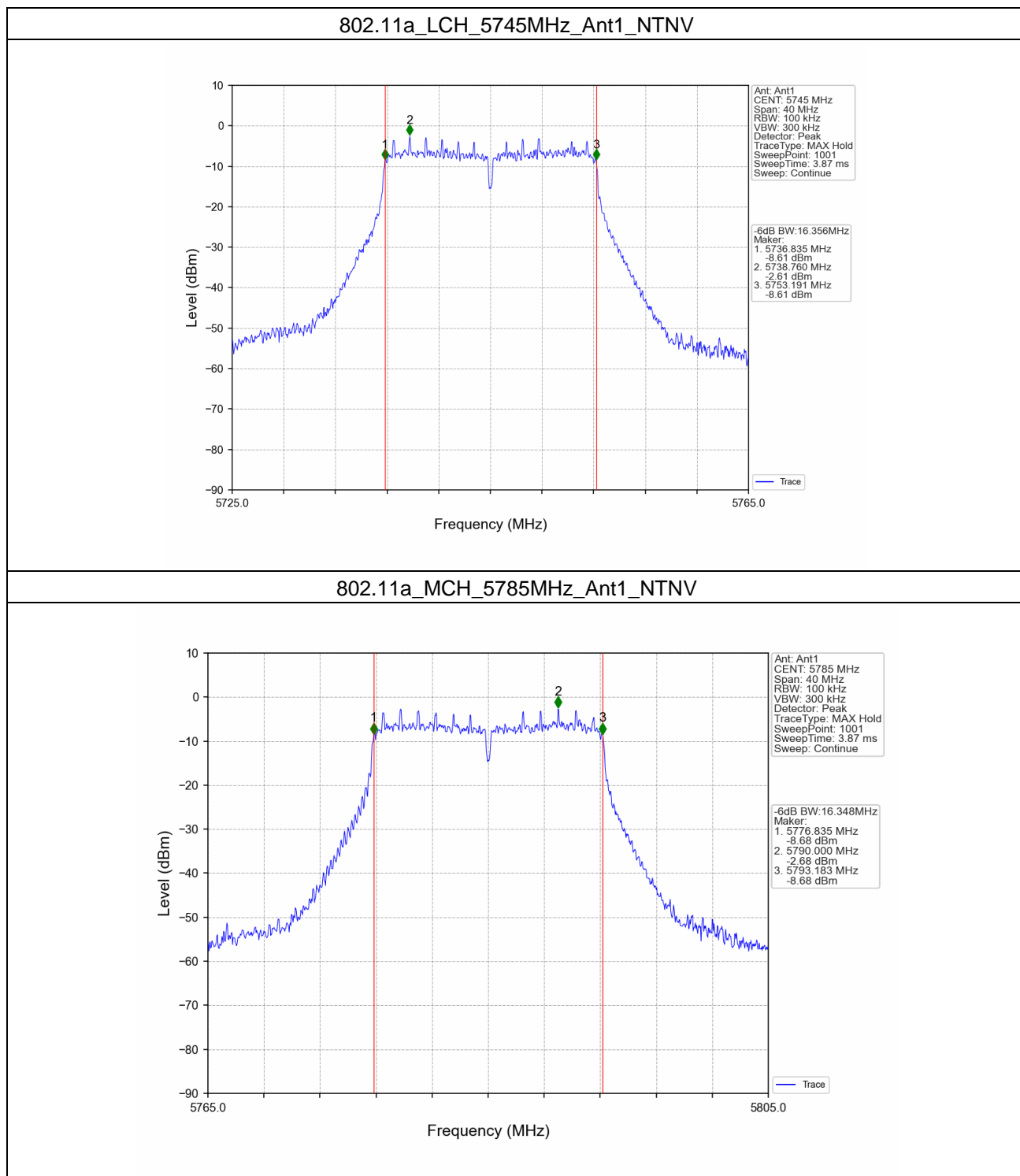
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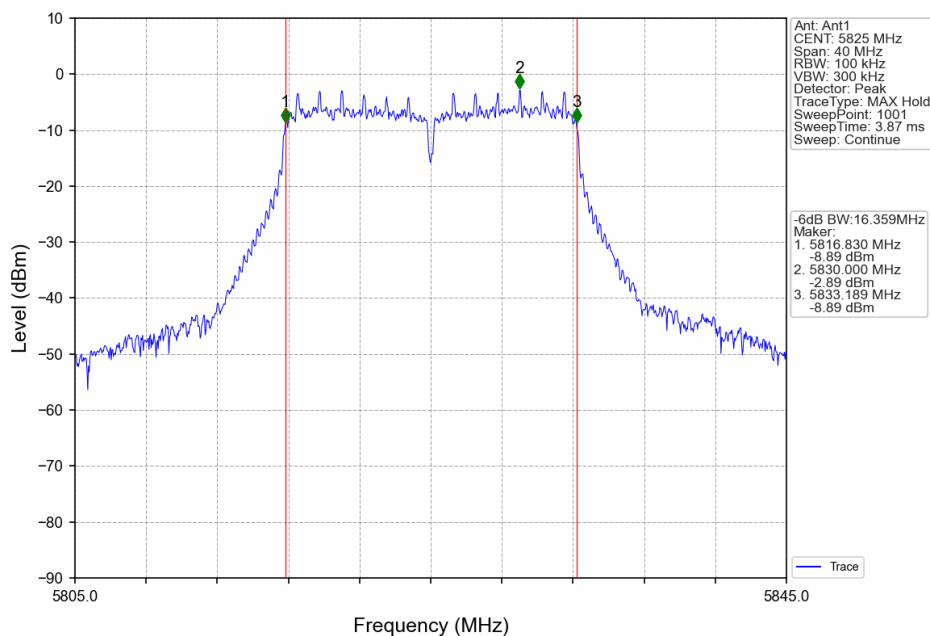
2.2.2 Test Graph



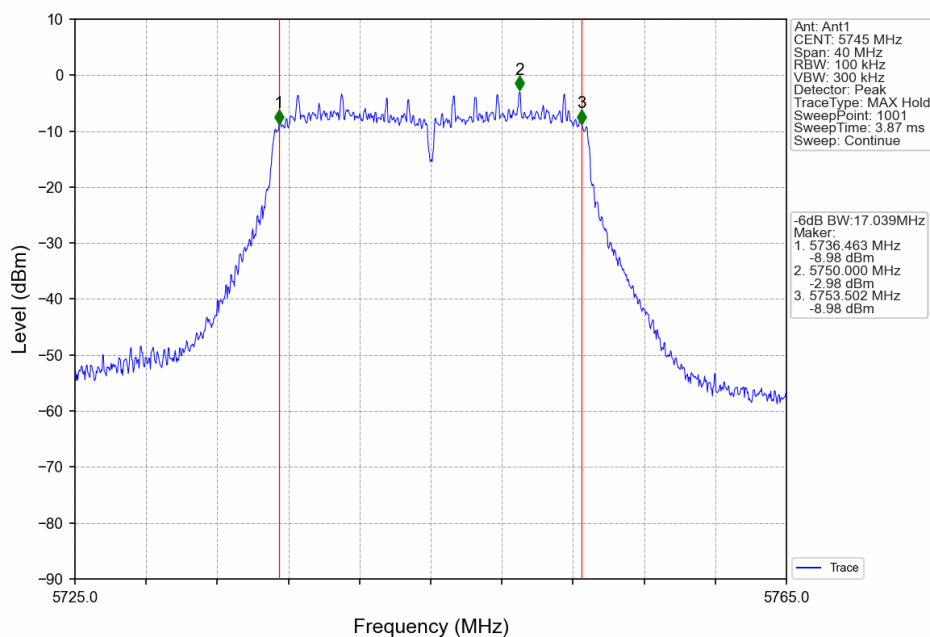
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



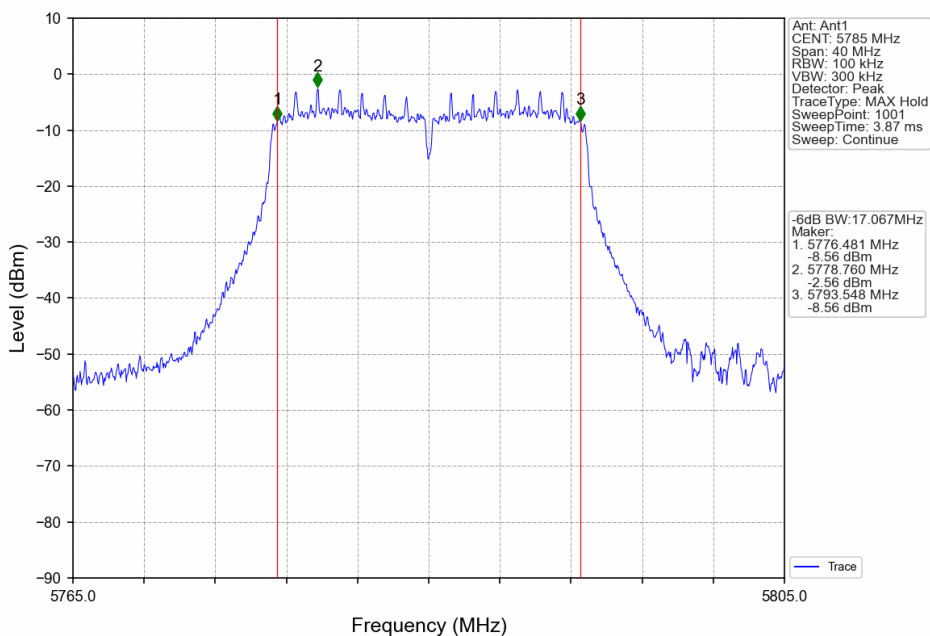
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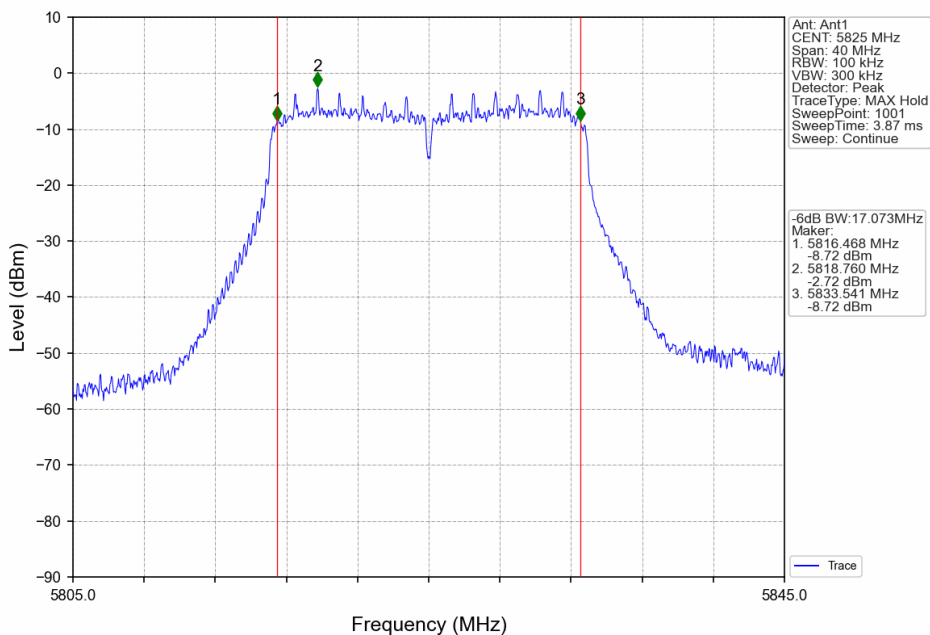
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



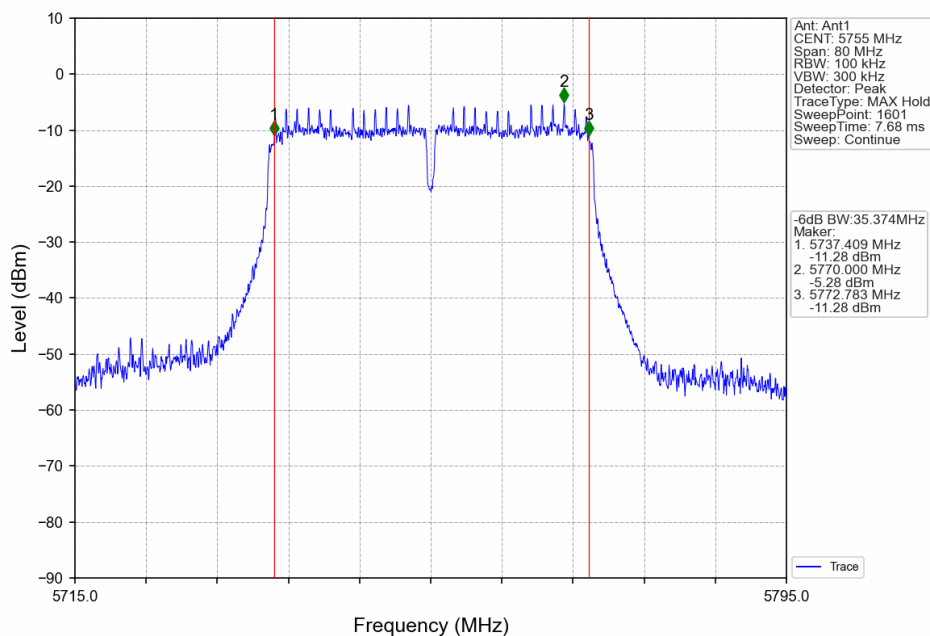
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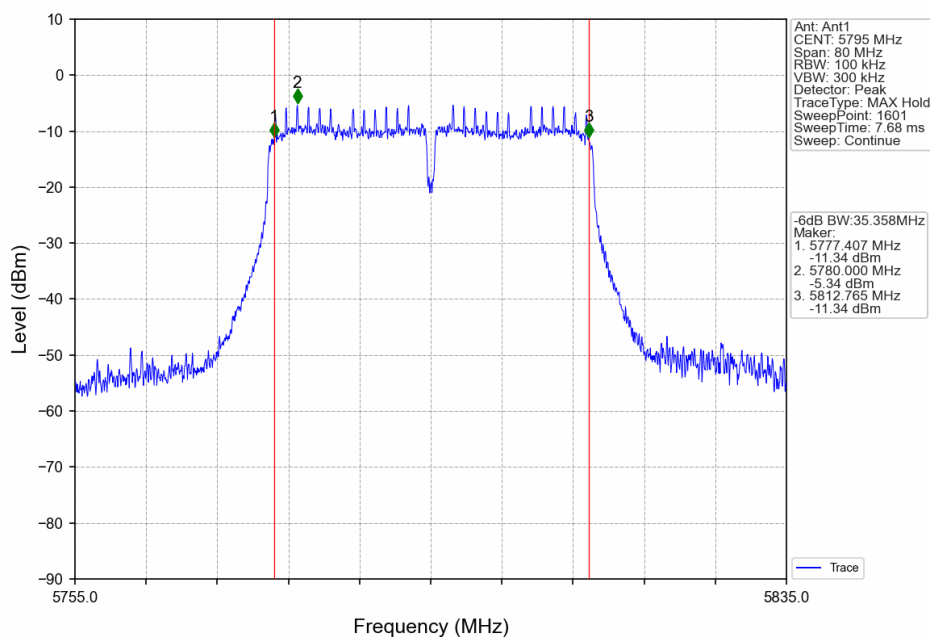
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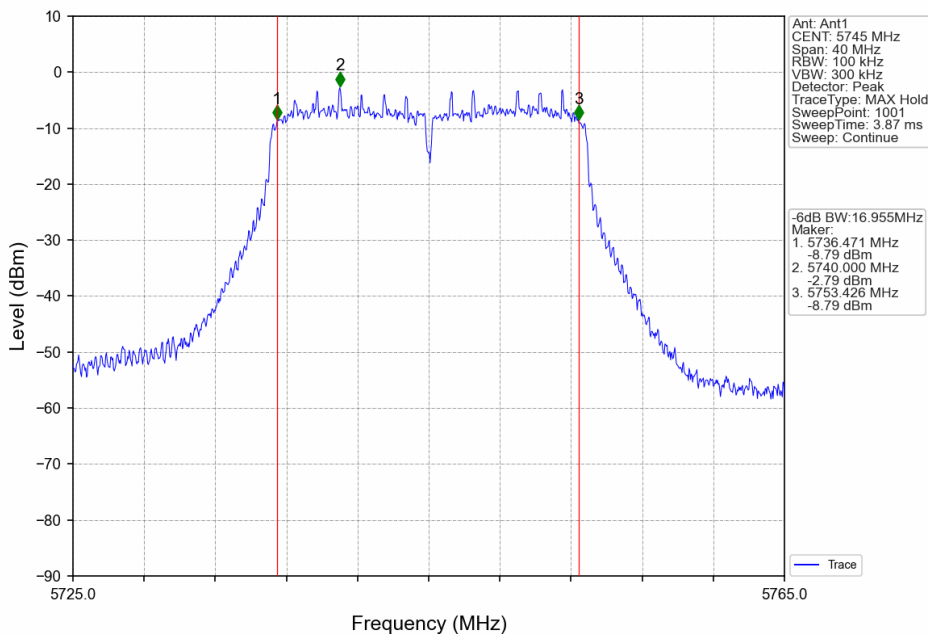
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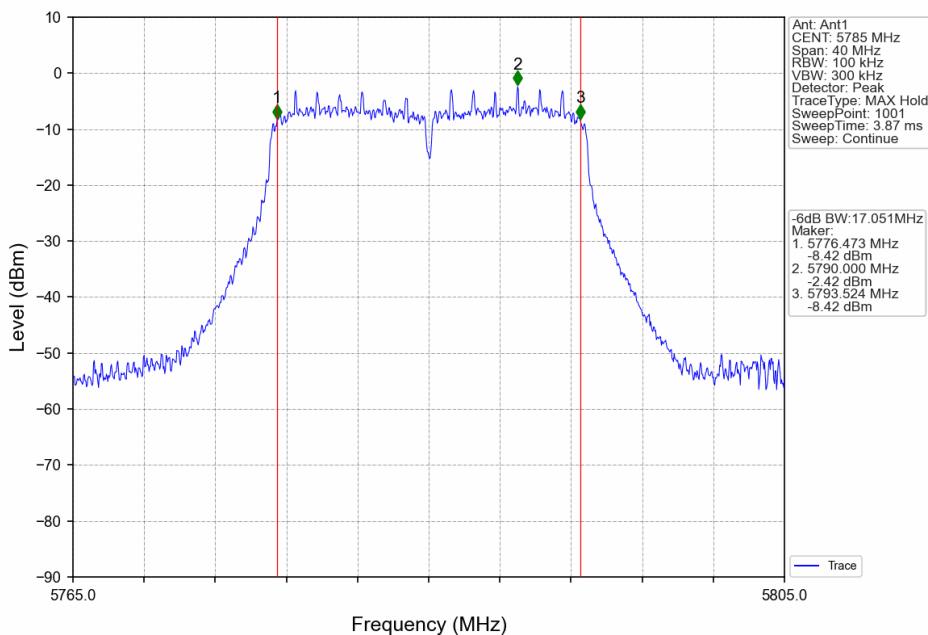
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



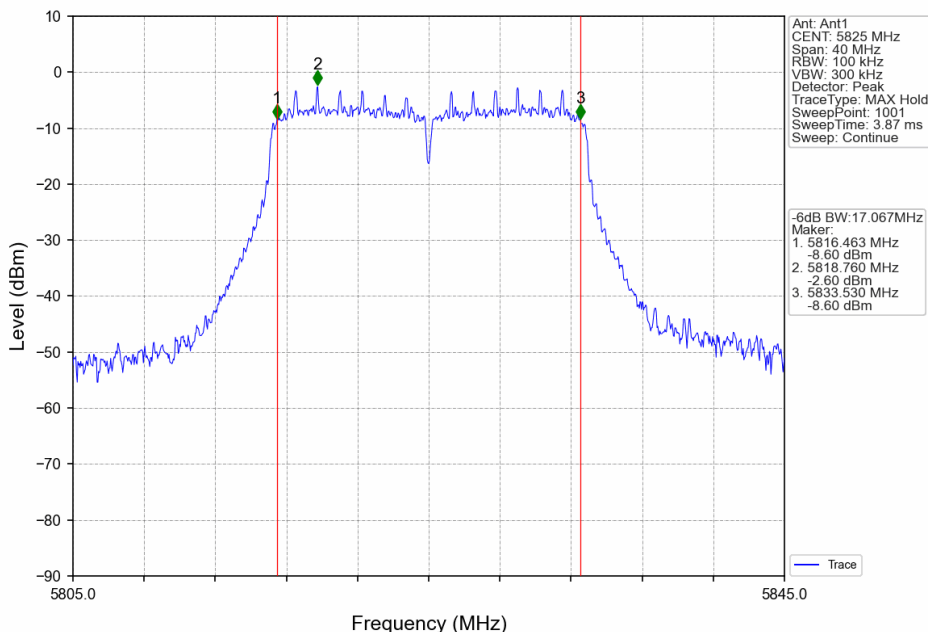
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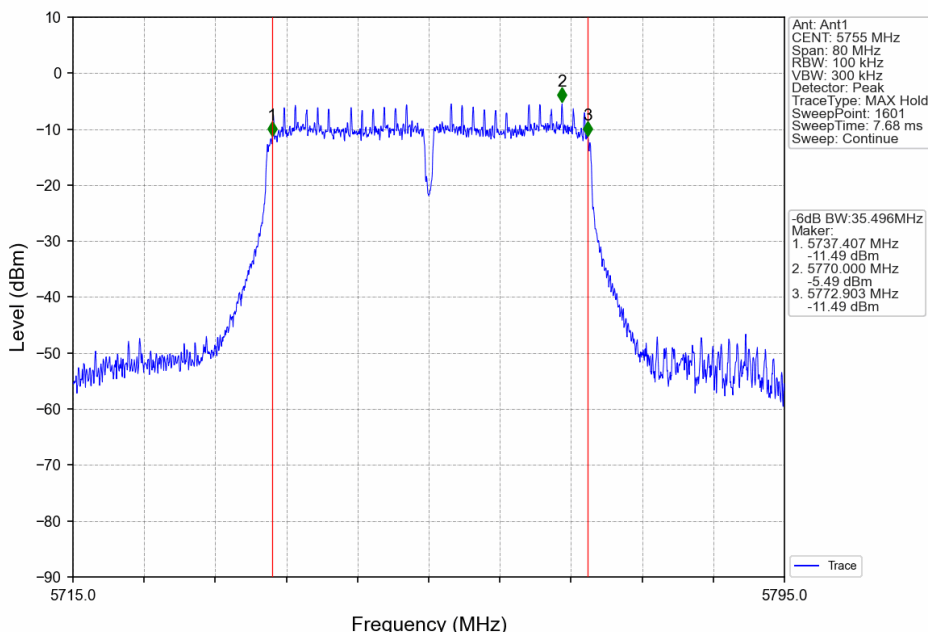
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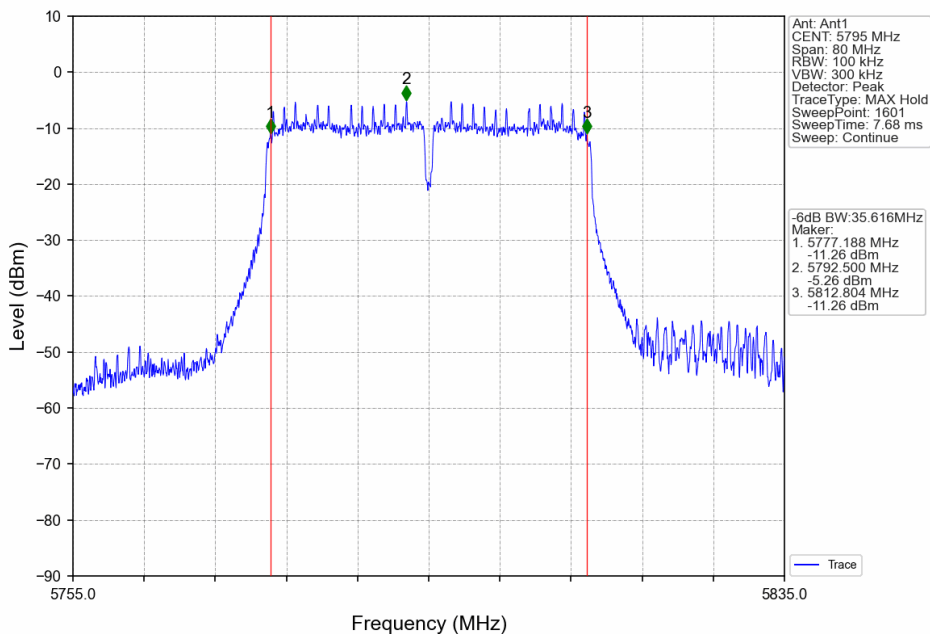
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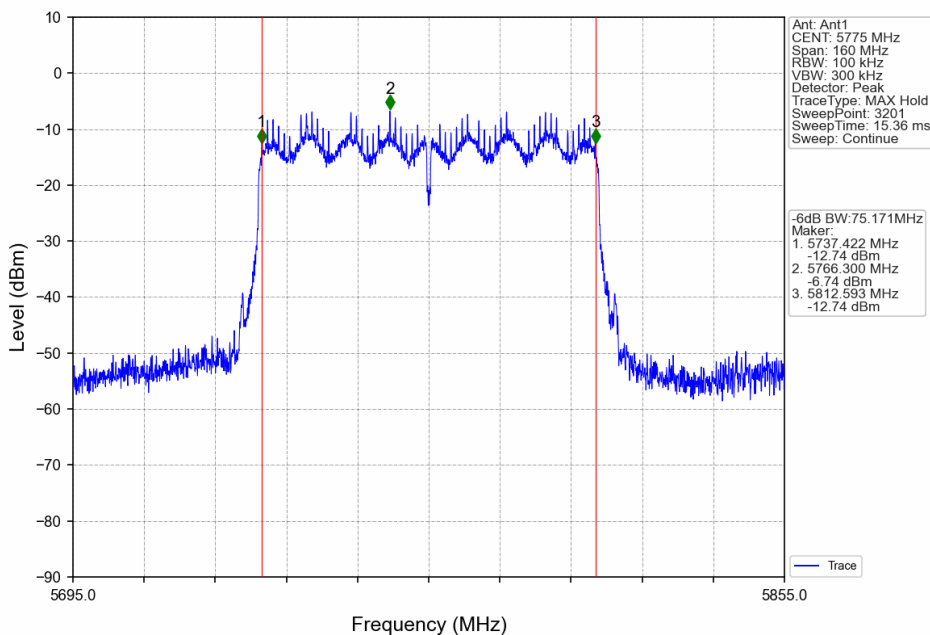
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	20.733	/	Pass
		5200	1	20.868	/	Pass
		5240	1	20.347	/	Pass
		5260	1	20.545	/	Pass
		5300	1	20.323	/	Pass
		5320	1	20.275	/	Pass
		5500	1	20.166	/	Pass
		5580	1	20.159	/	Pass
802.11n (HT20)	SISO	5700	1	20.362	/	Pass
		5180	1	21.039	/	Pass
		5200	1	20.786	/	Pass
		5240	1	20.644	/	Pass
		5260	1	21.030	/	Pass
		5300	1	20.982	/	Pass
		5320	1	20.786	/	Pass
		5500	1	21.234	/	Pass
802.11n (HT40)	SISO	5580	1	20.939	/	Pass
		5700	1	20.913	/	Pass
		5190	1	41.924	/	Pass
		5230	1	41.262	/	Pass
		5270	1	41.419	/	Pass
		5310	1	40.884	/	Pass
		5510	1	41.224	/	Pass
802.11ac (VHT20)	SISO	5550	1	41.652	/	Pass
		5670	1	41.407	/	Pass
		5180	1	20.953	/	Pass
		5200	1	20.857	/	Pass
		5240	1	20.708	/	Pass
		5260	1	20.727	/	Pass
		5300	1	20.498	/	Pass
	SISO	5320	1	20.623	/	Pass
		5500	1	20.822	/	Pass
		5580	1	20.957	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100352304

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		5700	1	20.913	/	Pass
802.11ac (VHT40)	SISO	5190	1	41.316	/	Pass
		5230	1	41.390	/	Pass
		5270	1	41.500	/	Pass
		5310	1	41.328	/	Pass
		5510	1	41.268	/	Pass
		5550	1	41.688	/	Pass
		5670	1	41.666	/	Pass
802.11ac (VHT80)	SISO	5210	1	81.339	/	Pass
		5290	1	81.644	/	Pass
		5530	1	81.474	/	Pass
		5610	1	81.121	/	Pass



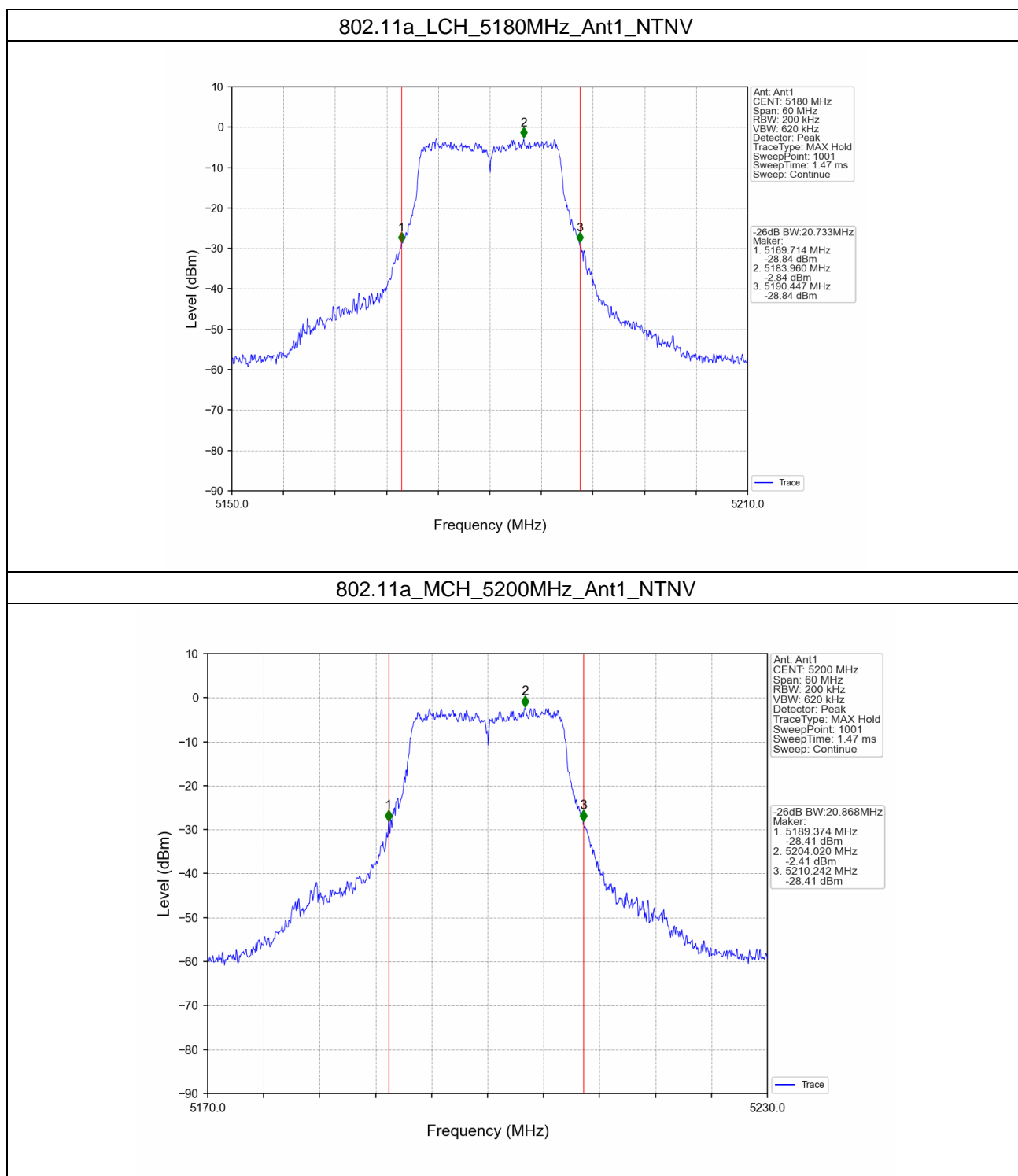
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2.3.2 Test Graph



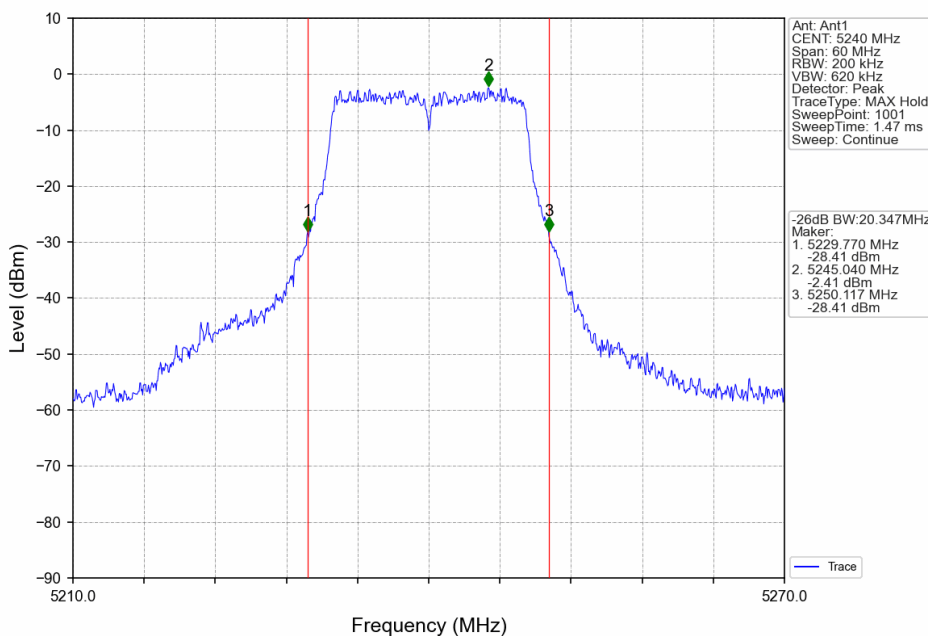
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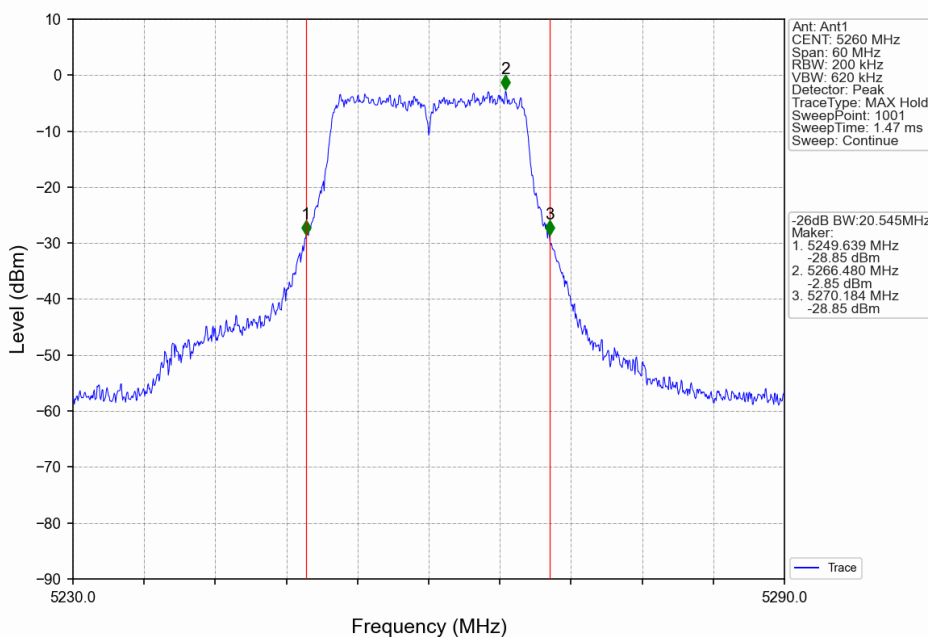
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



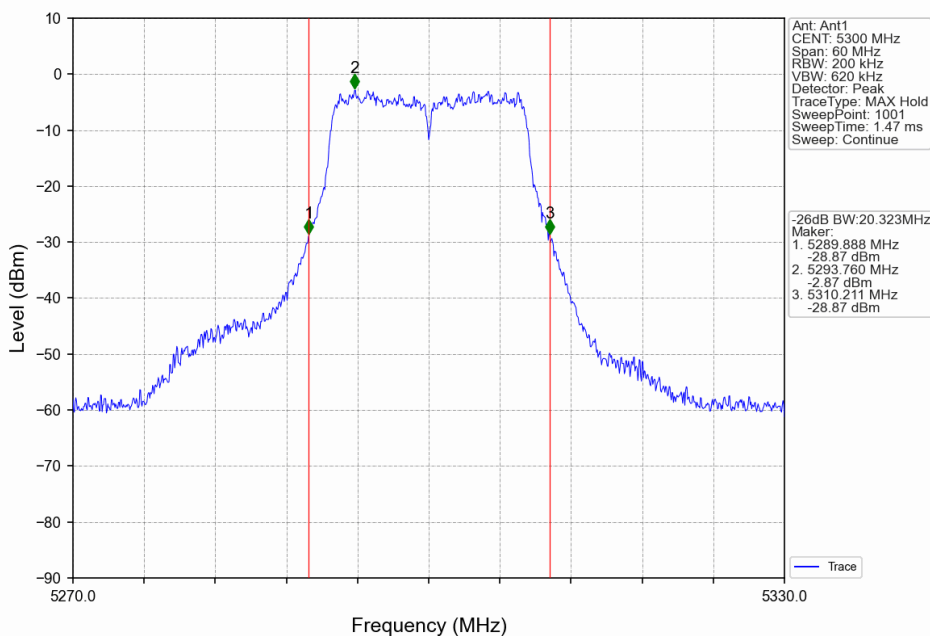
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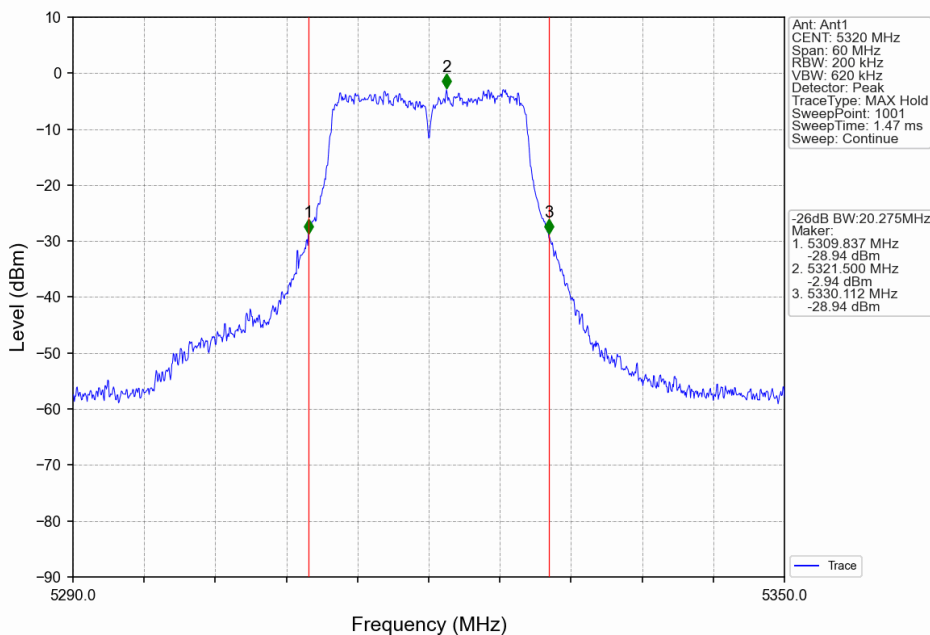
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802.11a_MCH_5300MHz_Ant1_NTNV



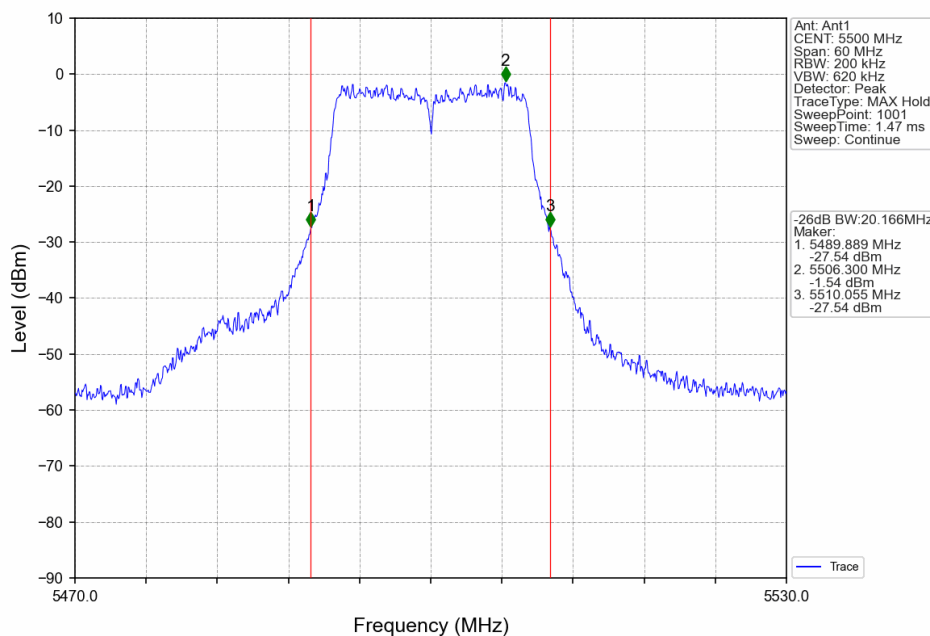
802.11a_HCH_5320MHz_Ant1_NTNV



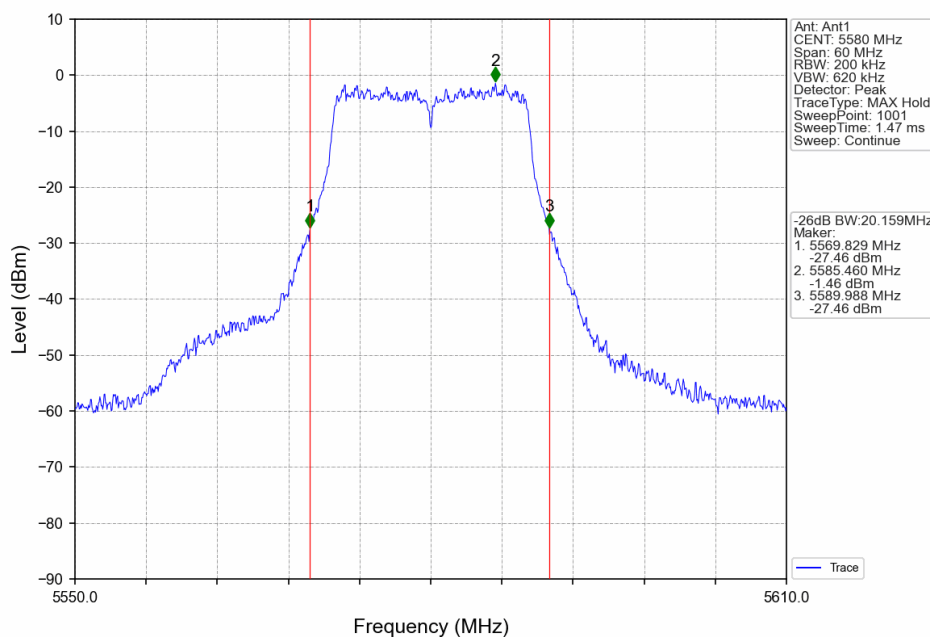
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



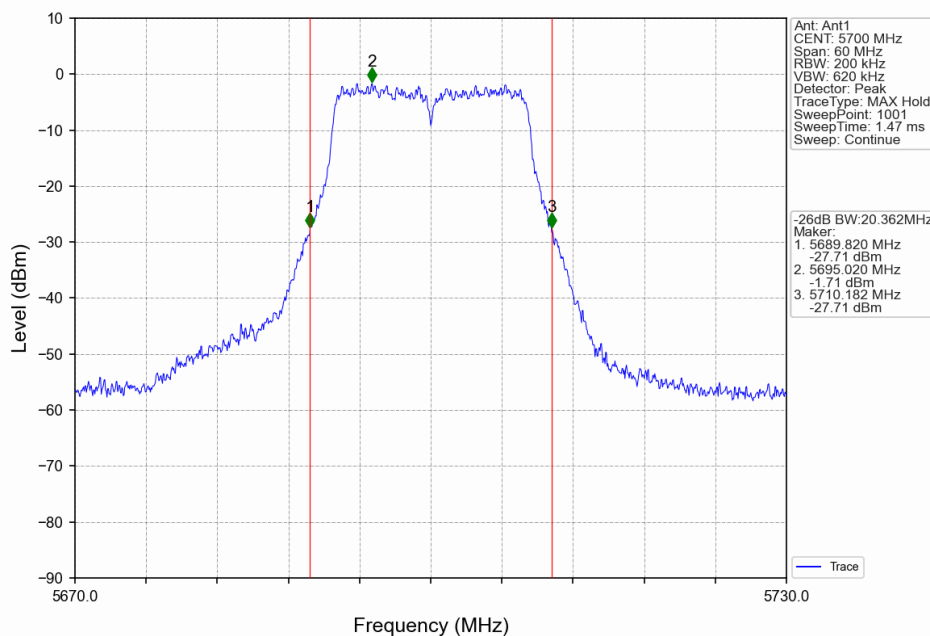
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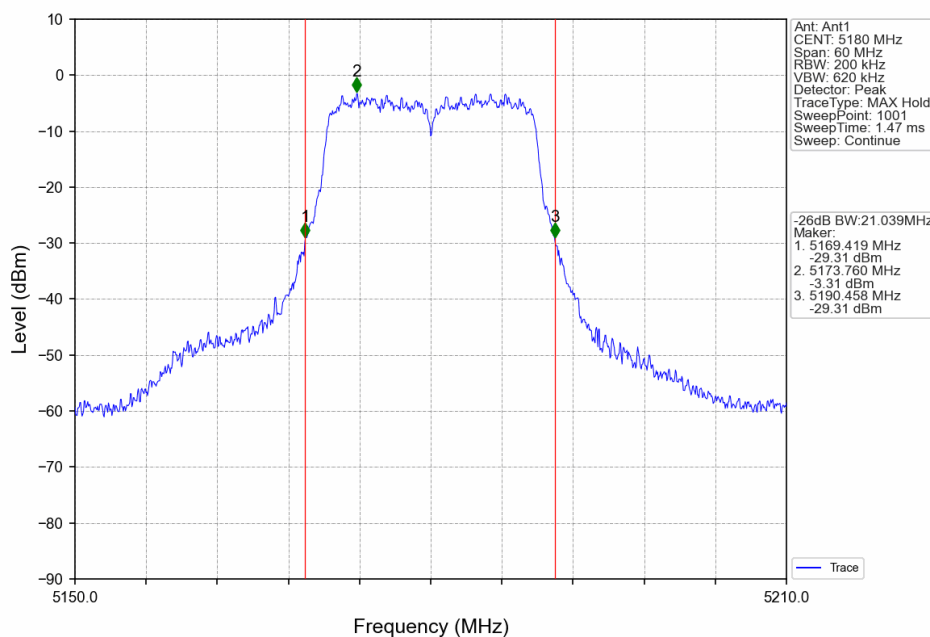
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



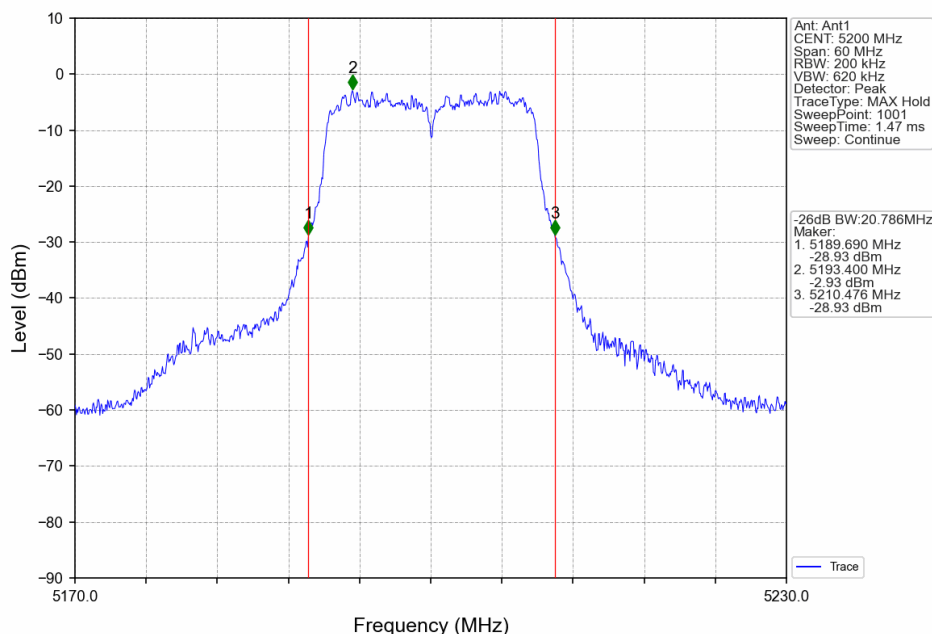
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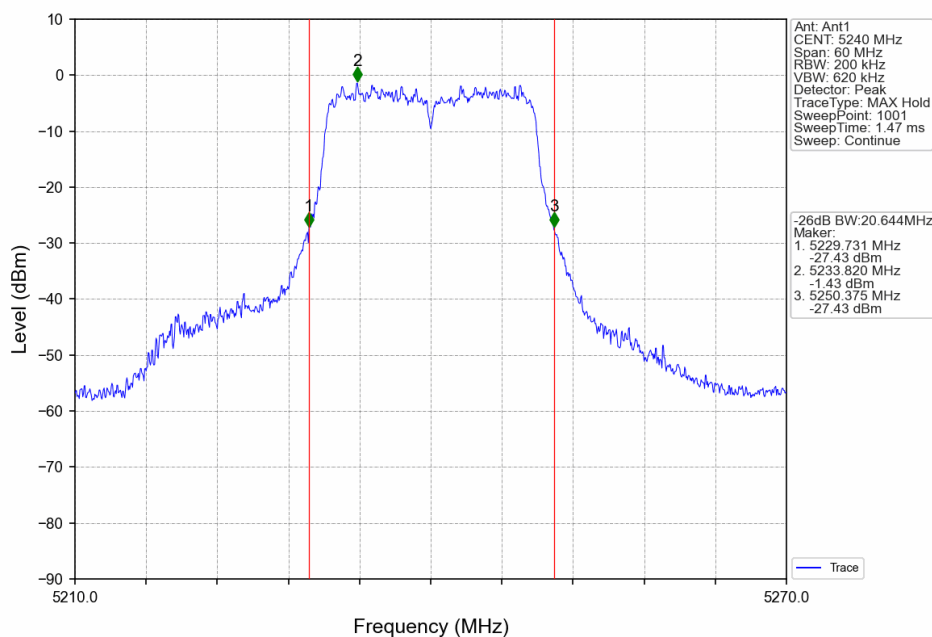
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



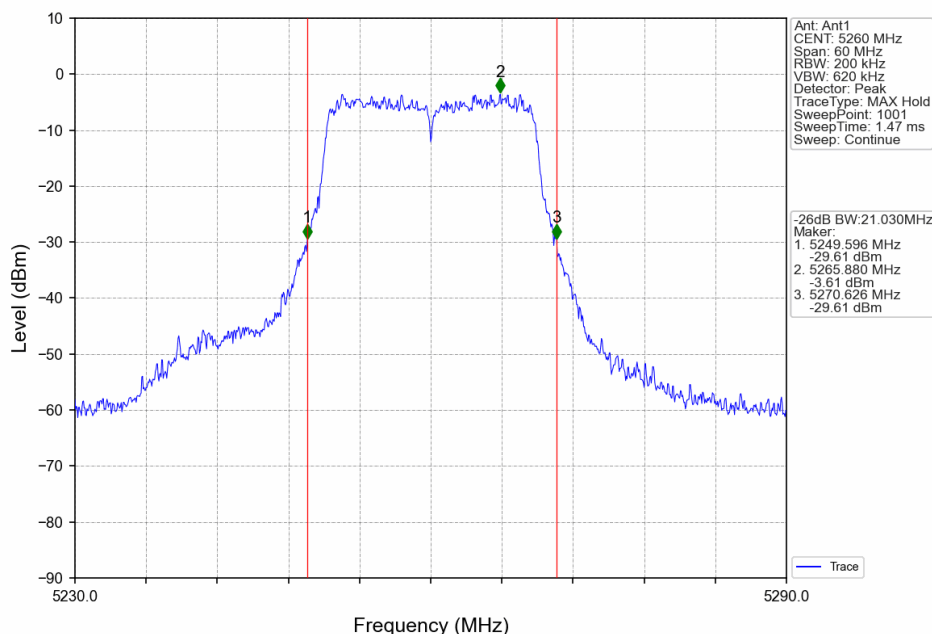
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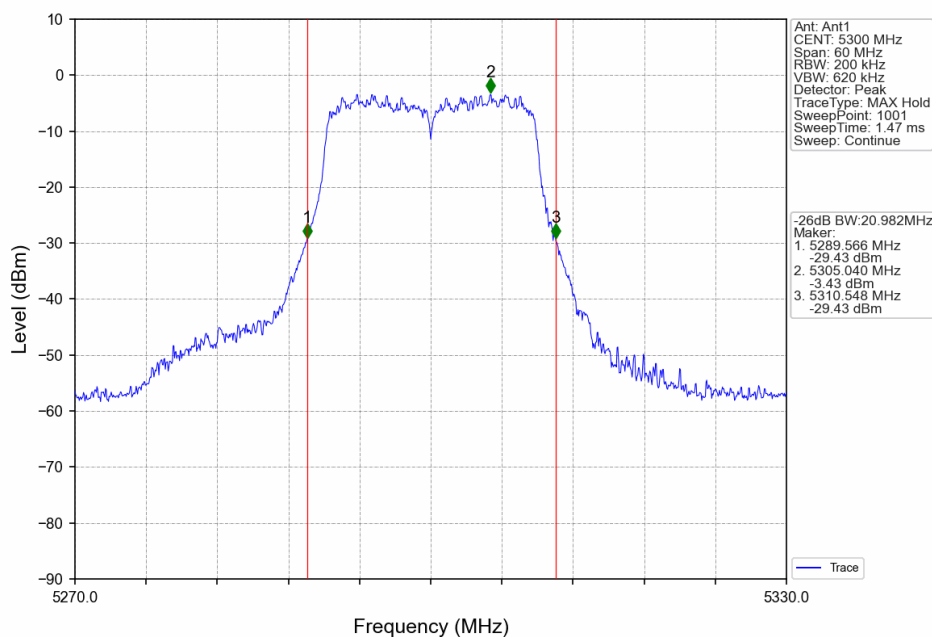
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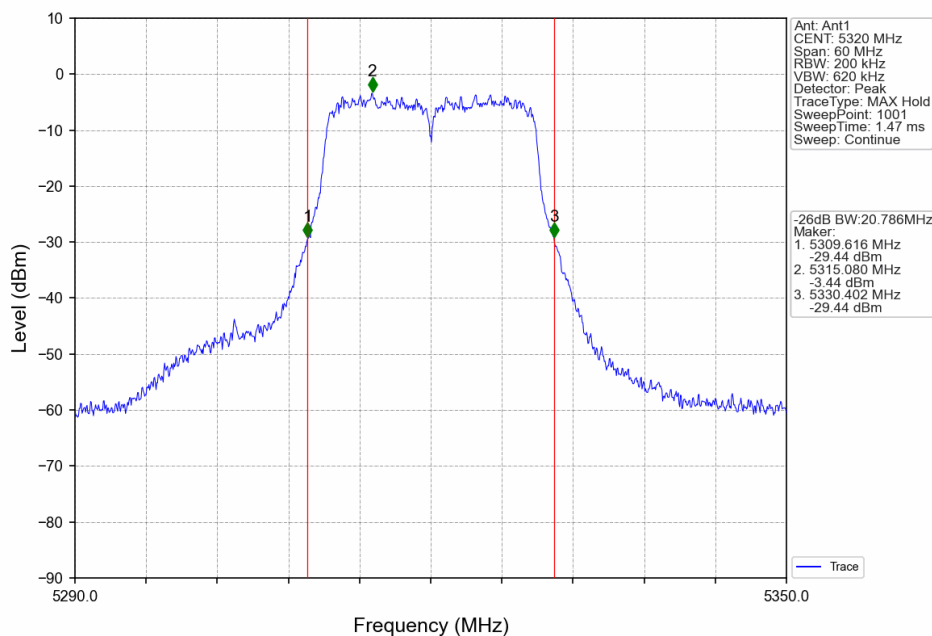
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



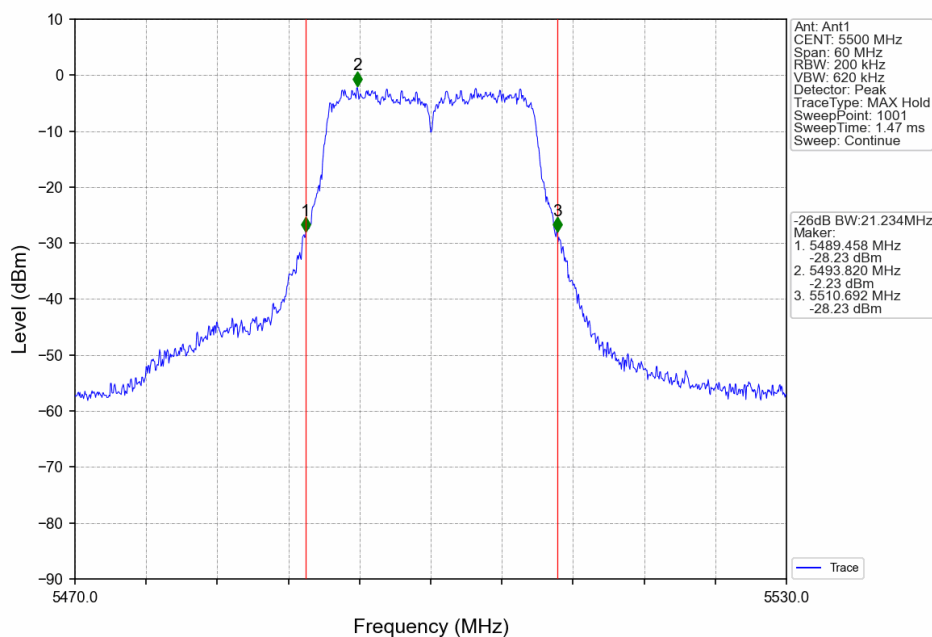
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



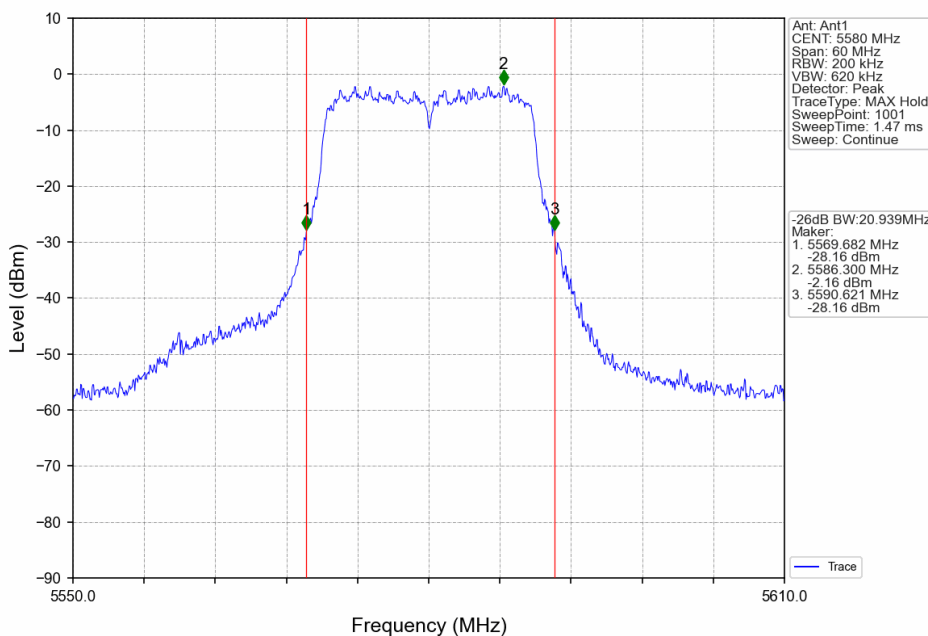
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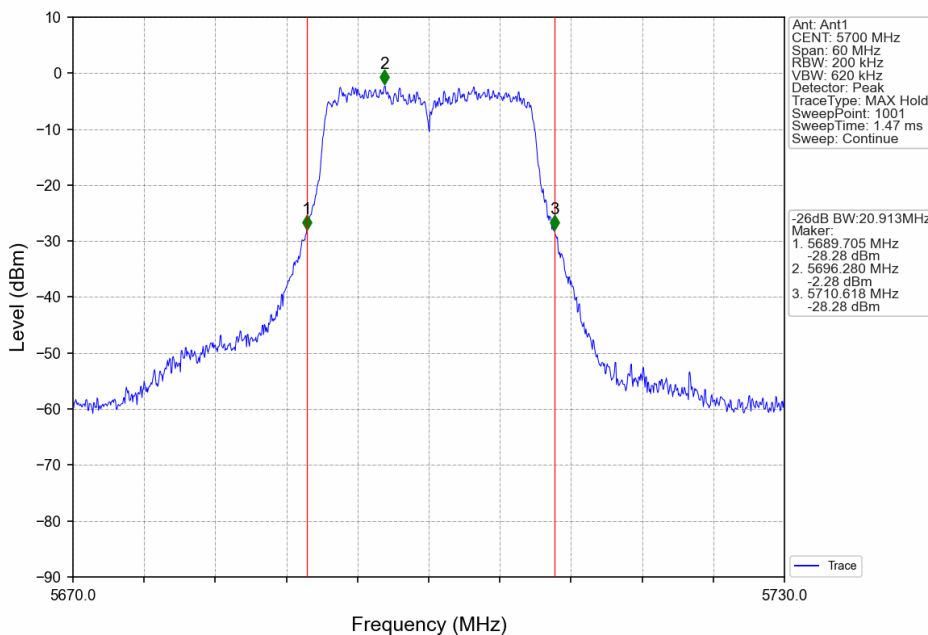
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



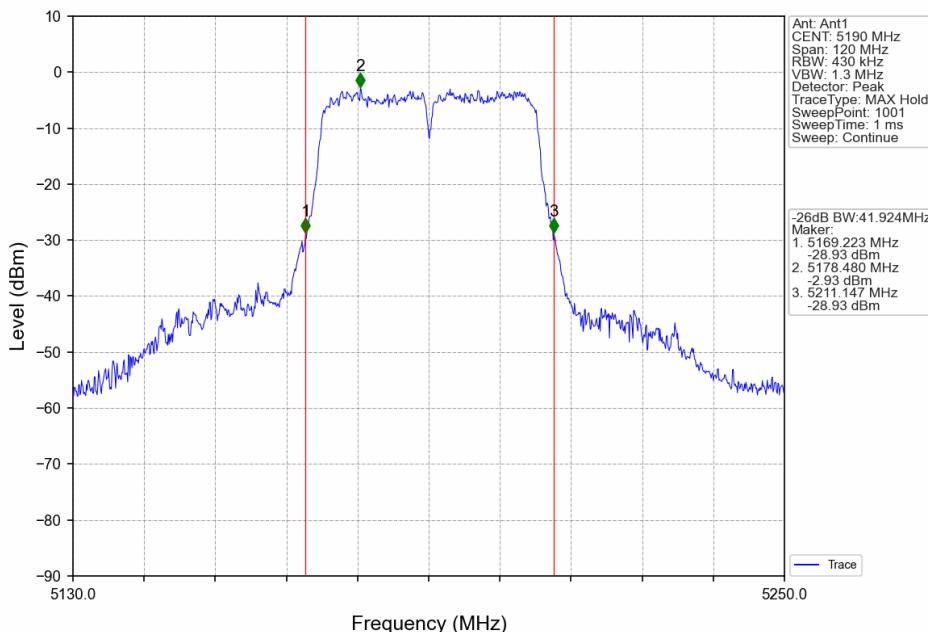
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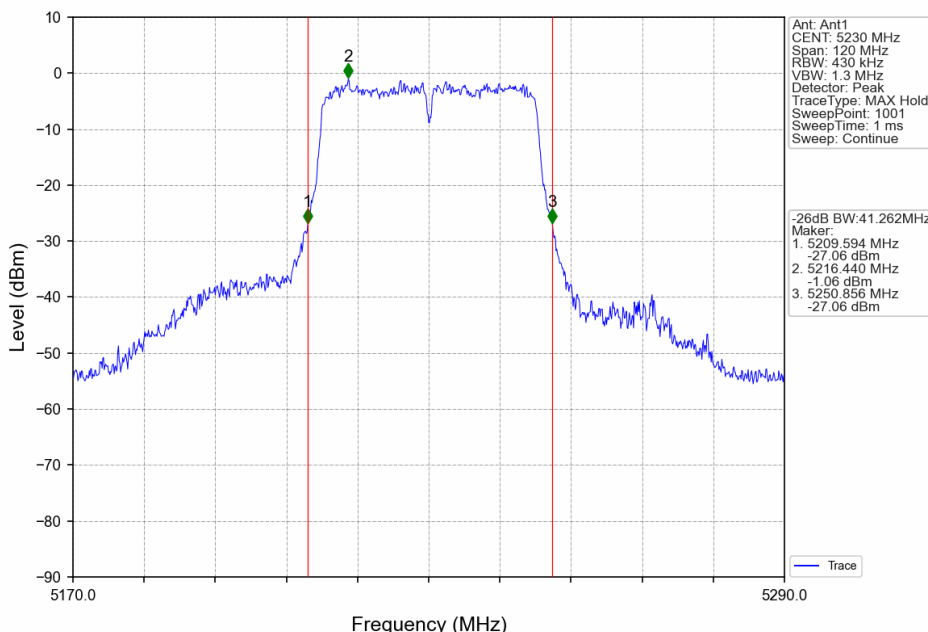
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



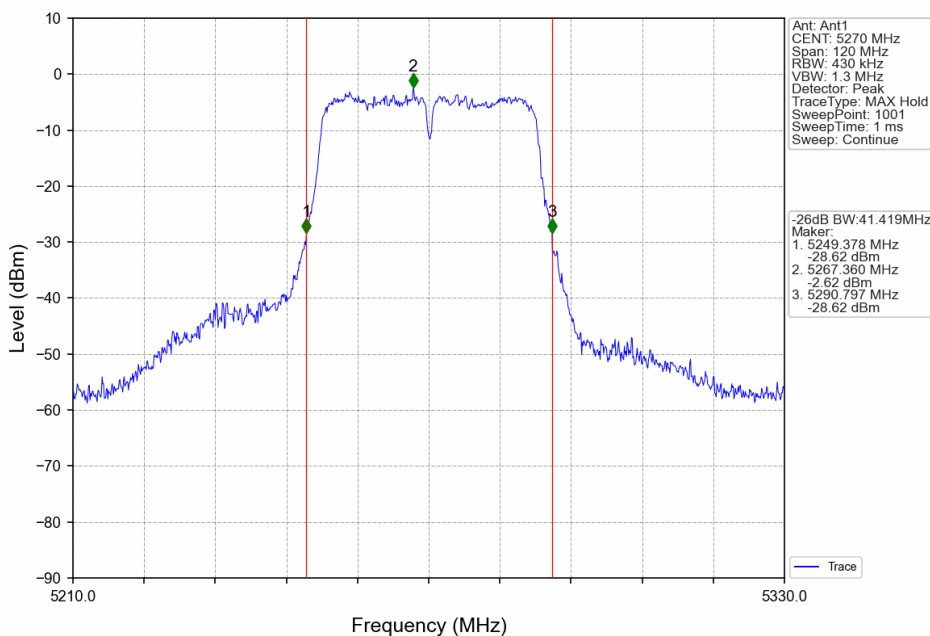
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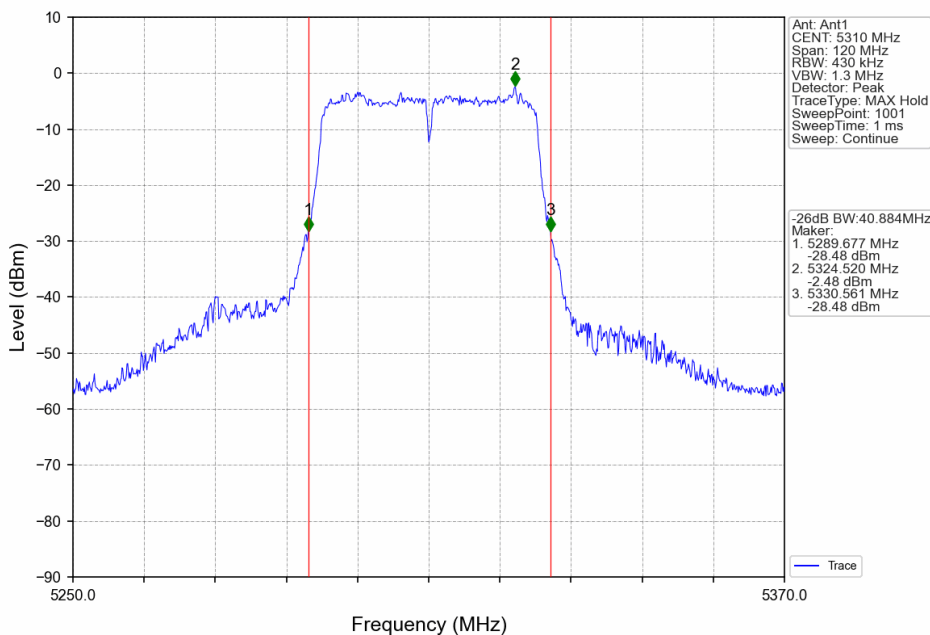
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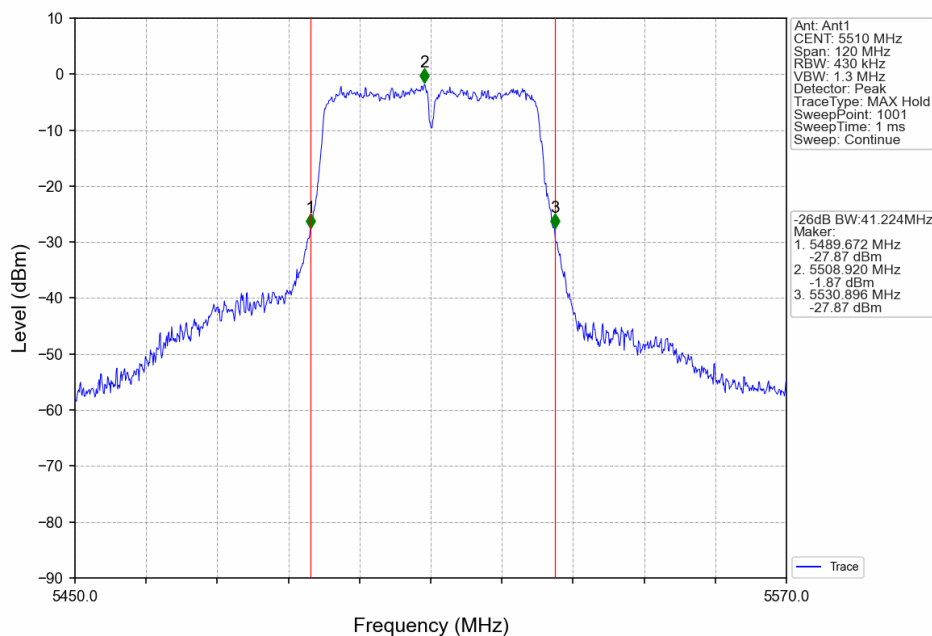
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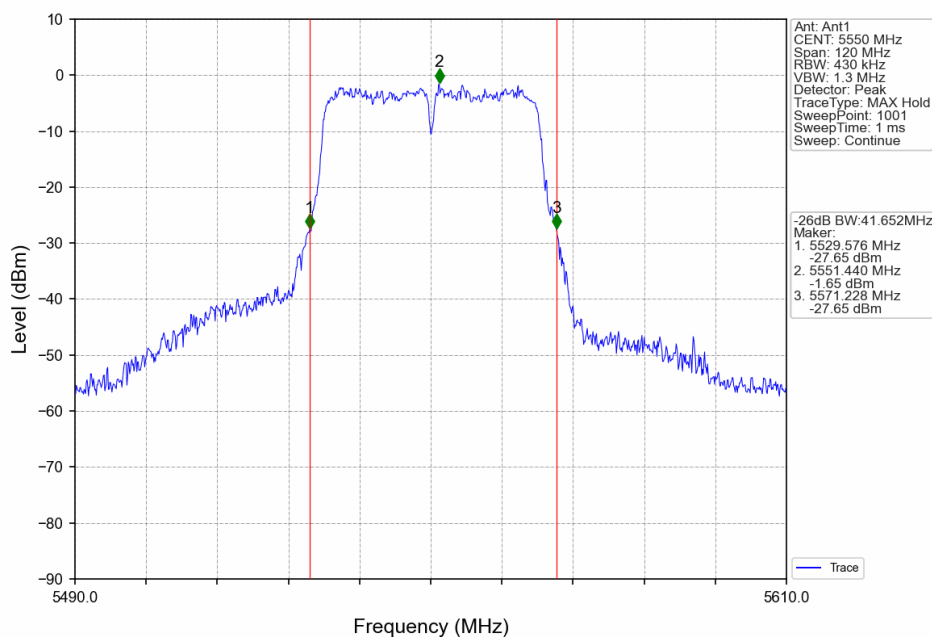
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



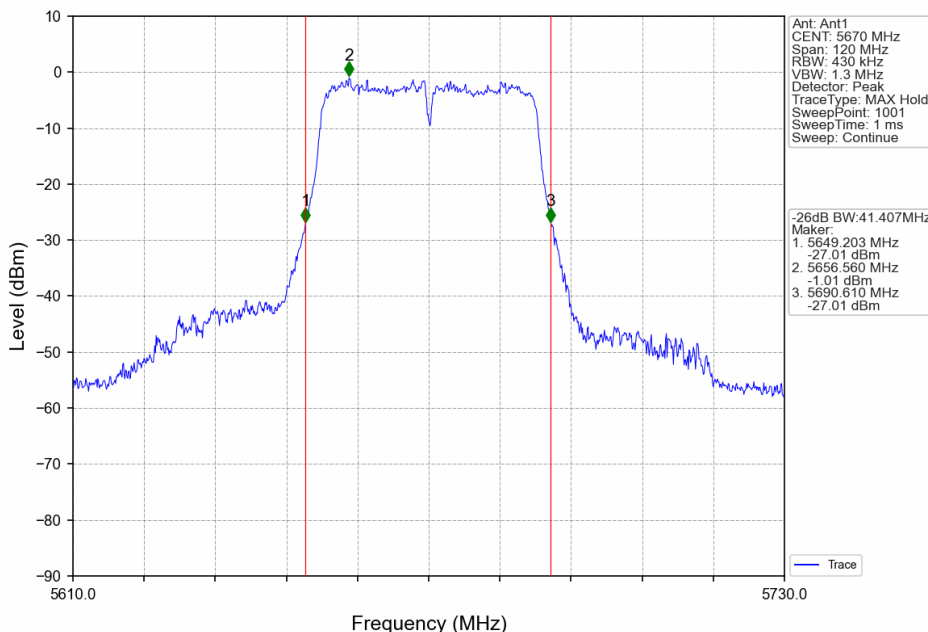
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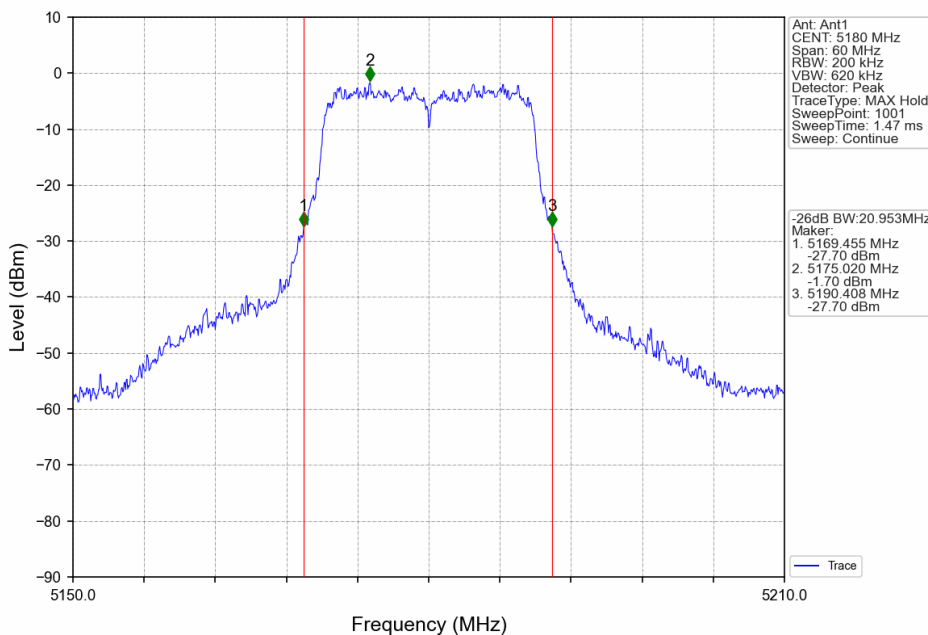
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



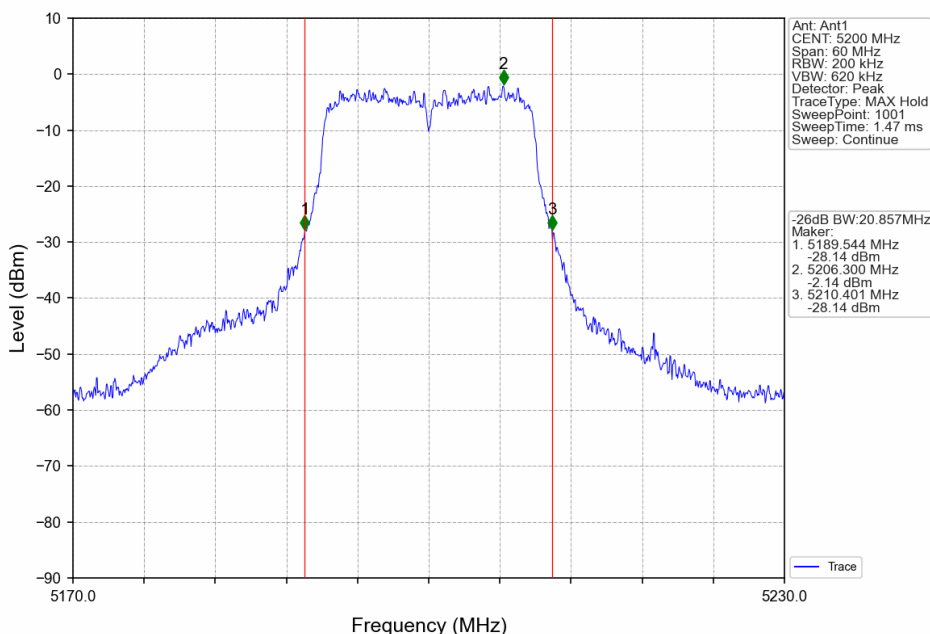
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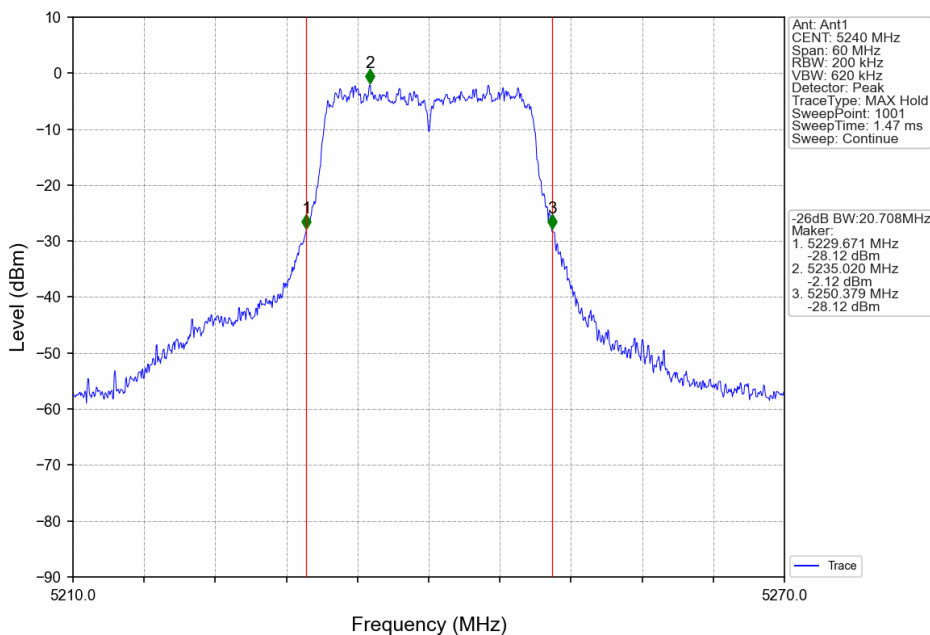
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



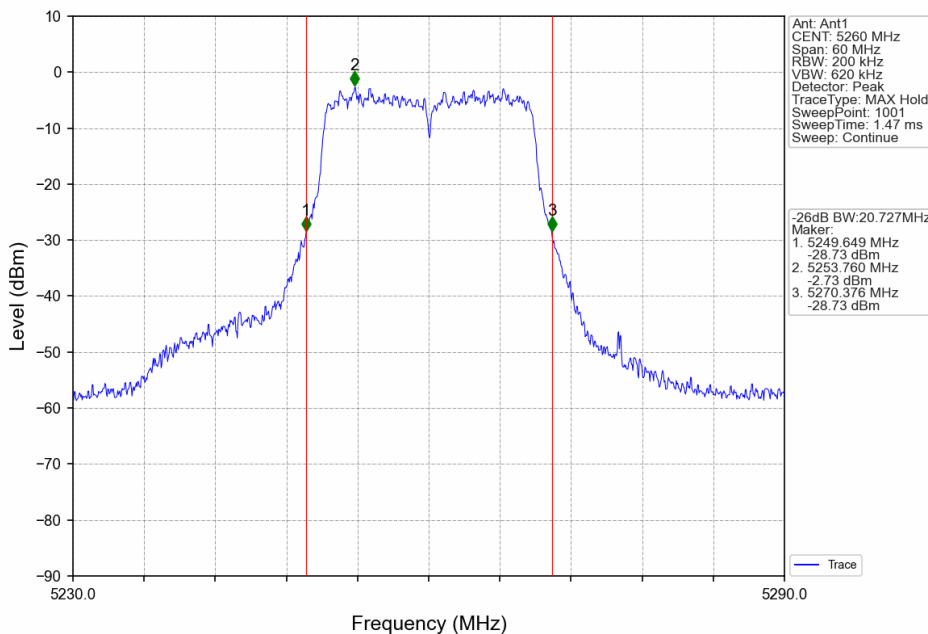
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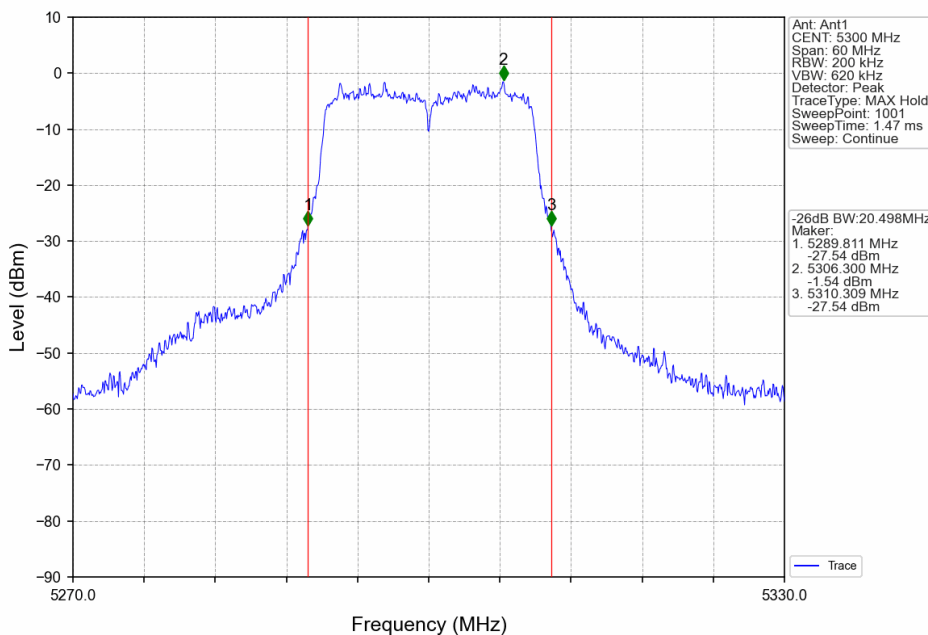
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



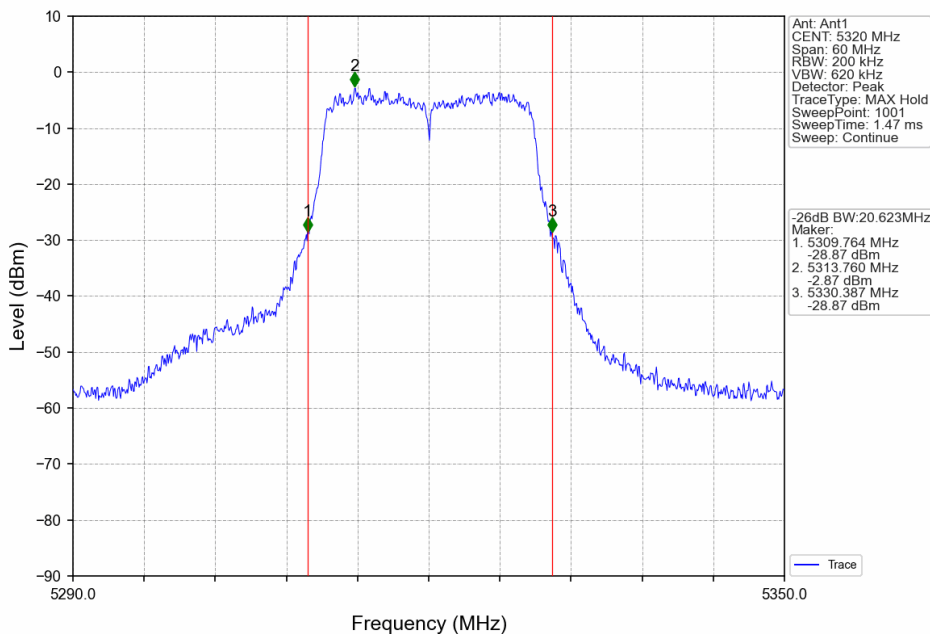
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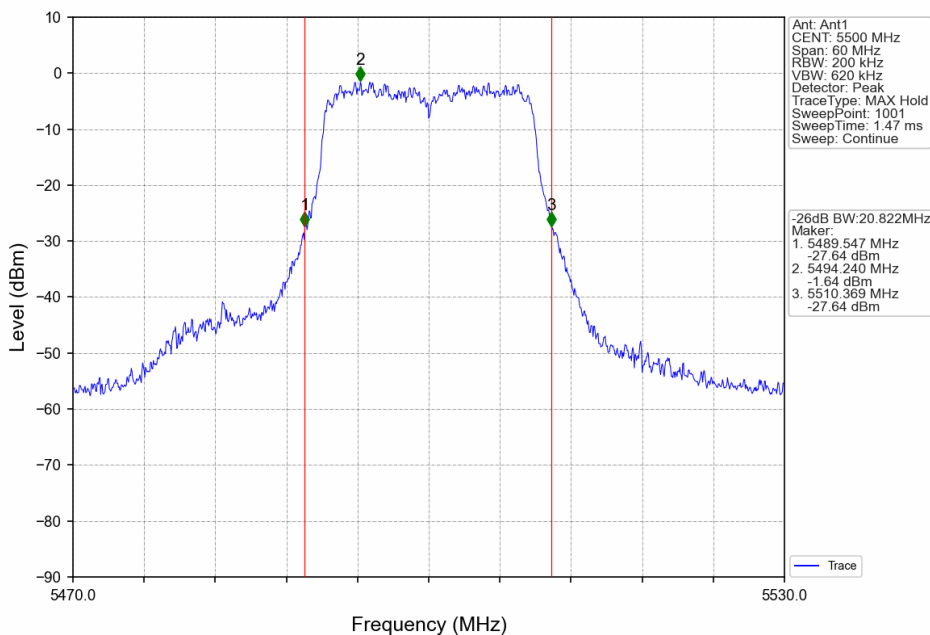
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



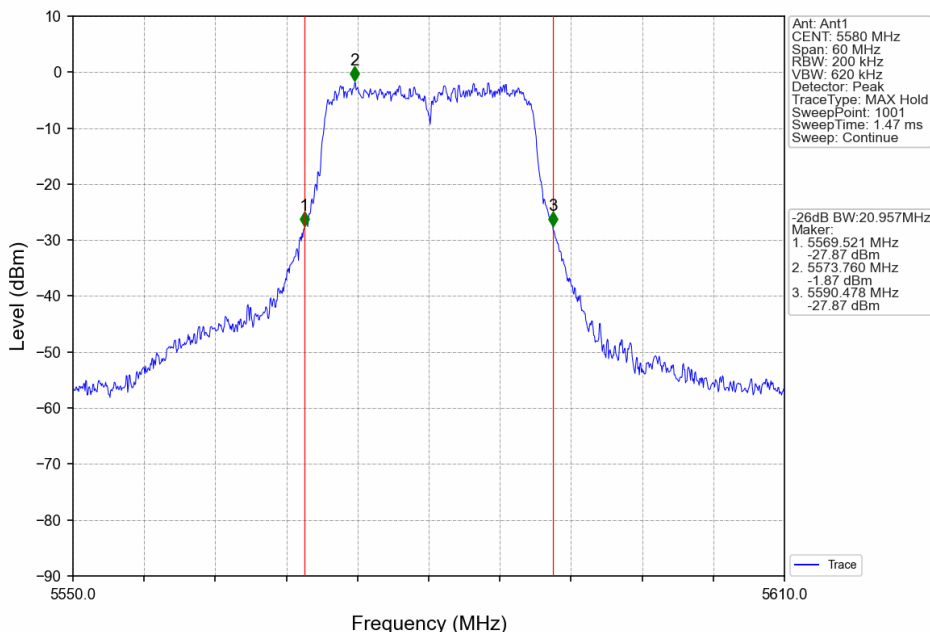
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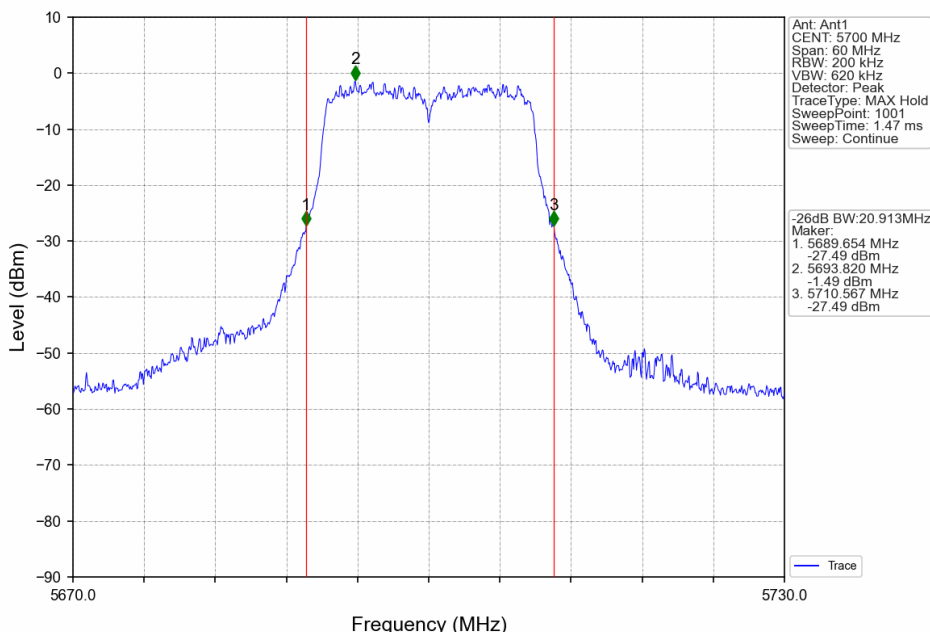
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



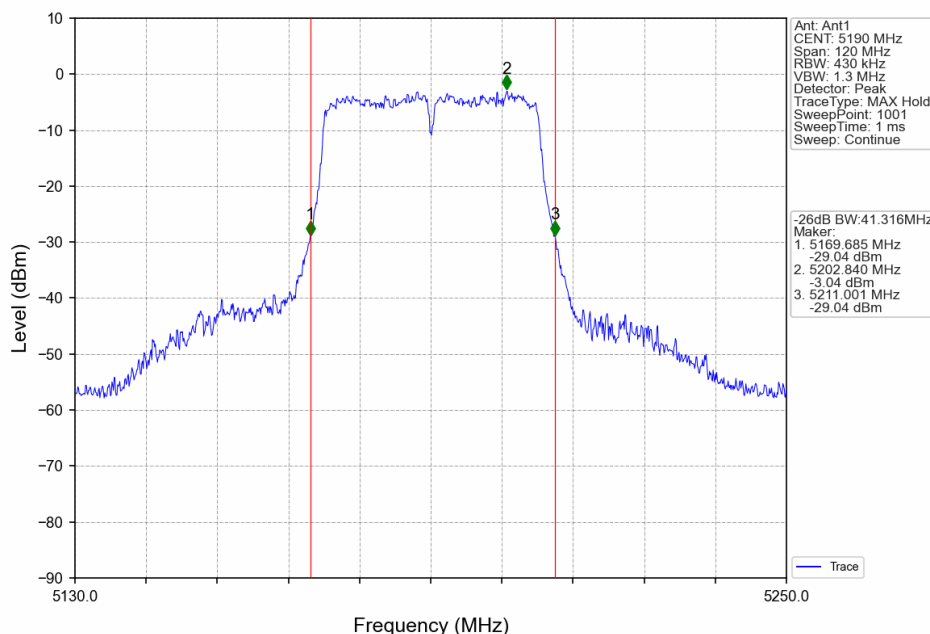
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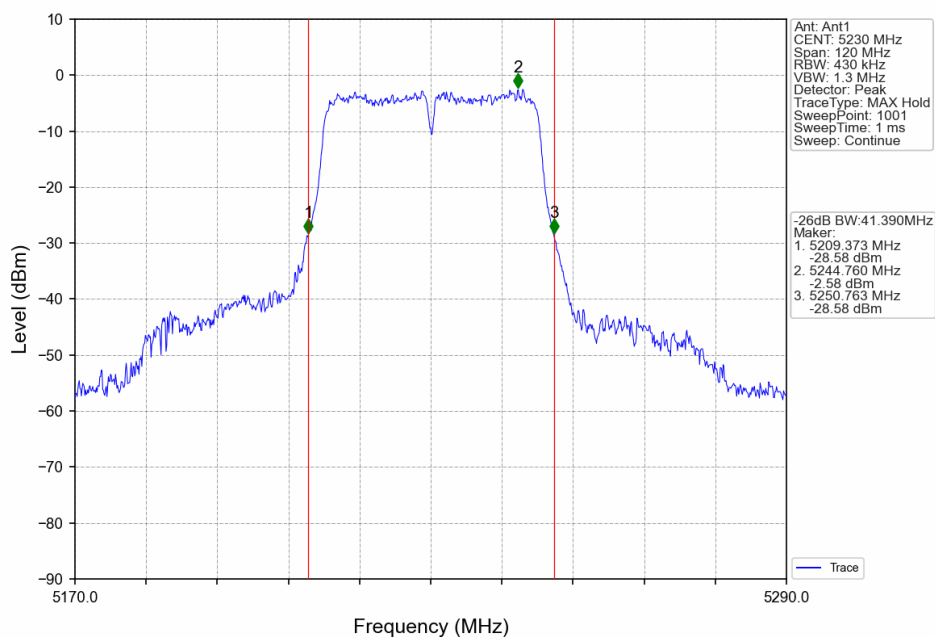
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



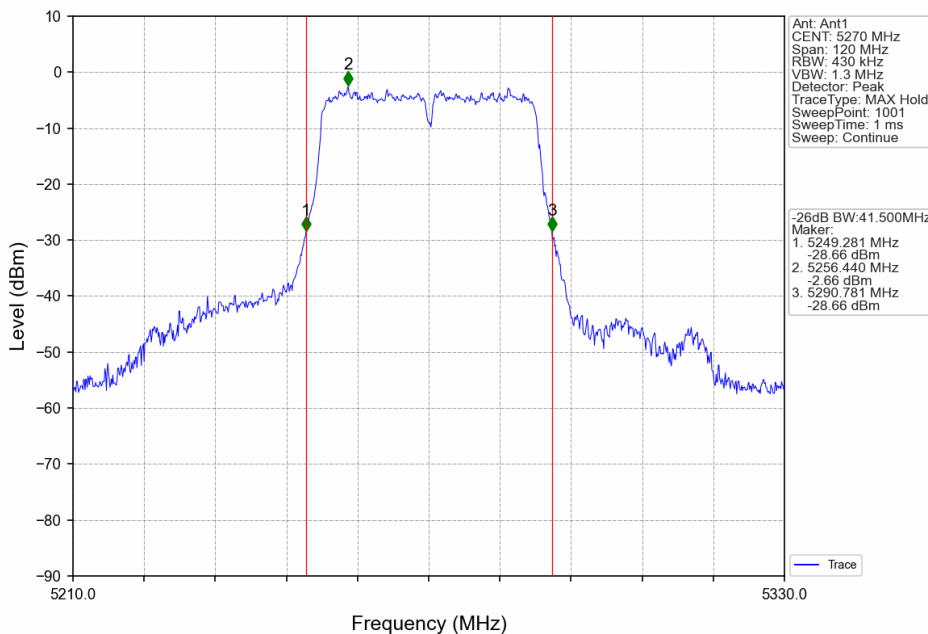
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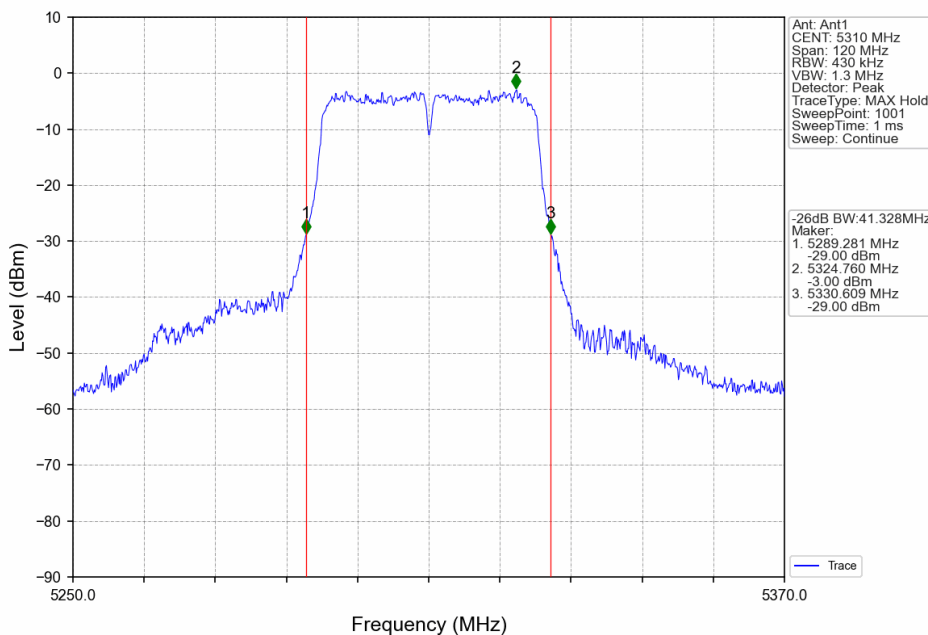
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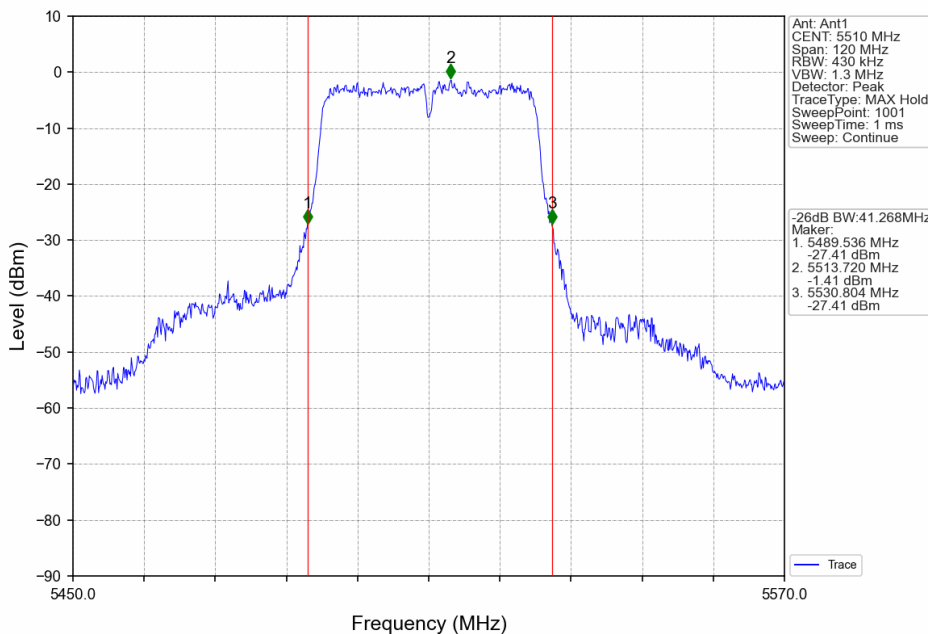
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



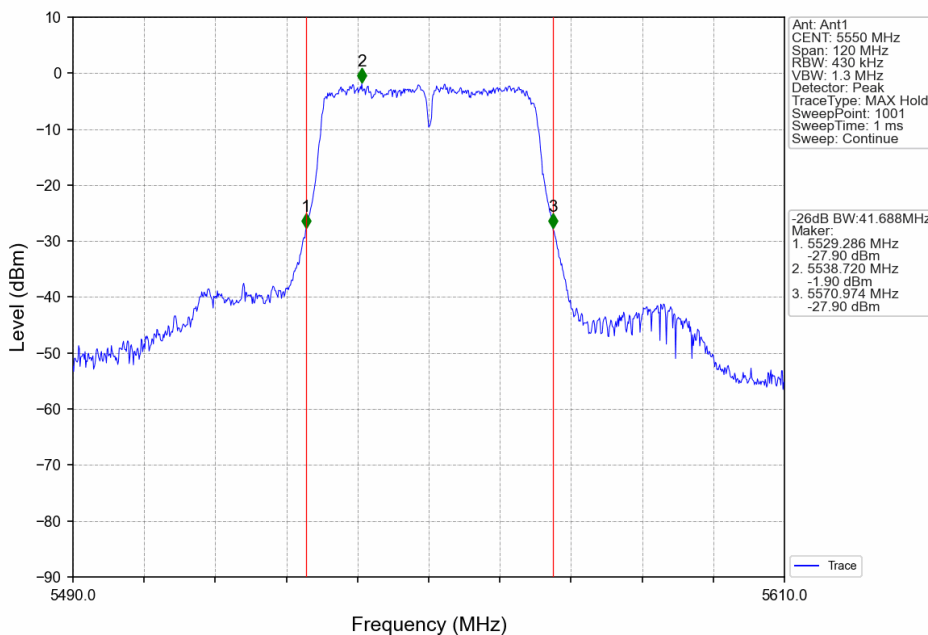
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



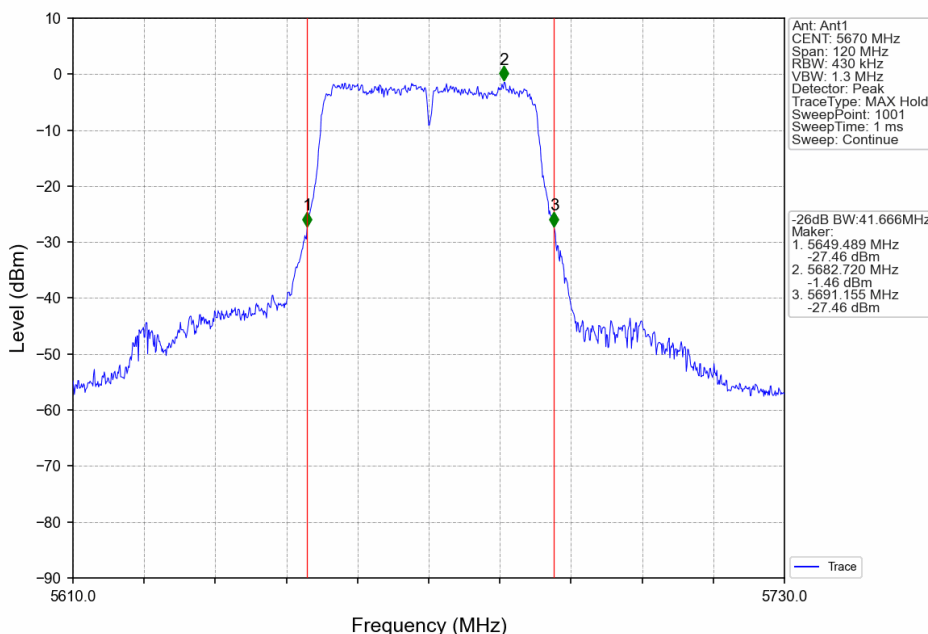
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



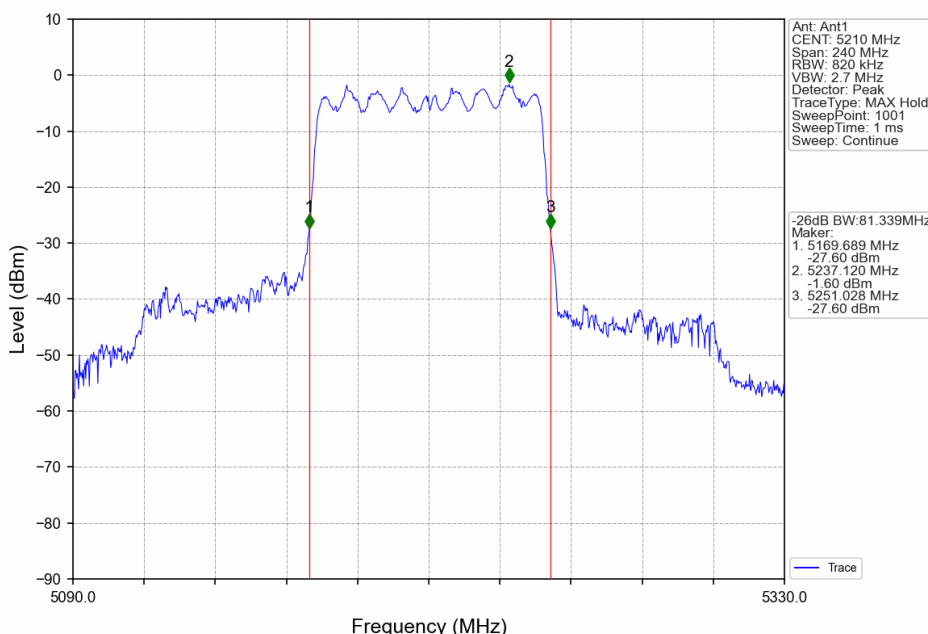
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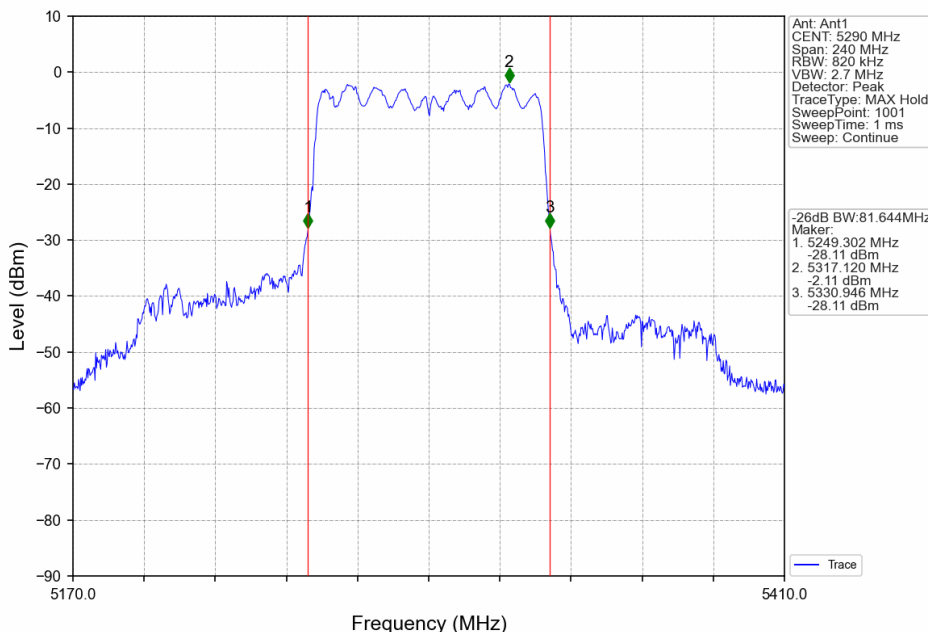
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



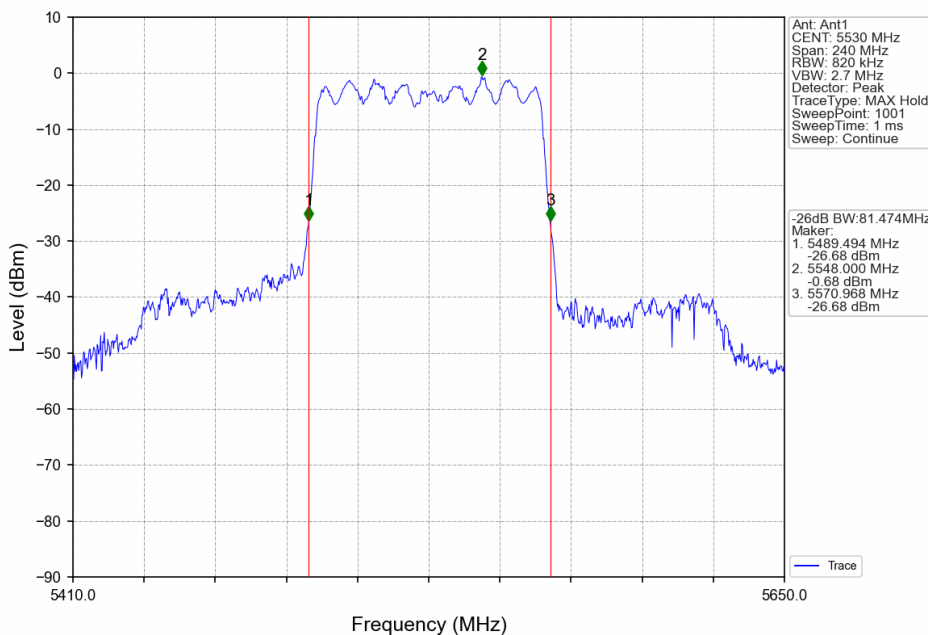
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



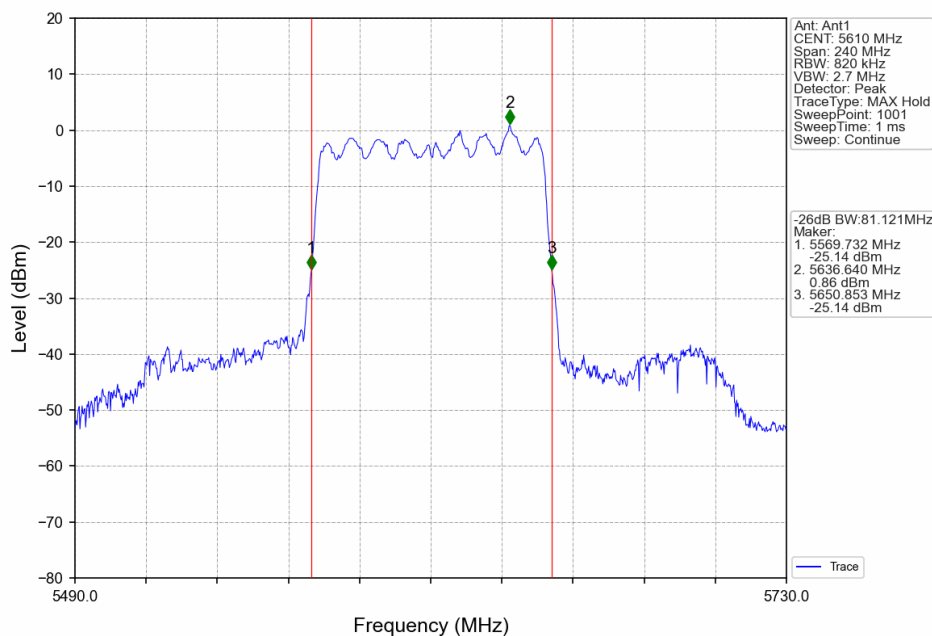
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	13.67	<=23.98	Pass
		5200	14.13	<=23.98	Pass
		5240	14.40	<=23.98	Pass
		5260	14.14	<=23.98	Pass
		5300	14.23	<=23.98	Pass
		5320	14.38	<=23.98	Pass
		5500	14.54	<=23.98	Pass
		5580	14.72	<=23.98	Pass
		5700	14.81	<=23.98	Pass
		5745	14.12	<=30	Pass
		5785	14.50	<=30	Pass
		5825	14.81	<=30	Pass
802.11n (HT20)	SISO	5180	13.51	<=23.98	Pass
		5200	13.84	<=23.98	Pass
		5240	14.27	<=23.98	Pass
		5260	14.96	<=23.98	Pass
		5300	14.75	<=23.98	Pass
		5320	14.87	<=23.98	Pass
		5500	14.71	<=23.98	Pass
		5580	14.79	<=23.98	Pass
		5700	14.68	<=23.98	Pass
		5745	14.04	<=30	Pass
		5785	14.49	<=30	Pass
		5825	14.67	<=30	Pass
802.11n (HT40)	SISO	5190	13.80	<=23.98	Pass
		5230	14.36	<=23.98	Pass
		5270	14.44	<=23.98	Pass
		5310	14.66	<=23.98	Pass
		5510	14.78	<=23.98	Pass
		5550	14.83	<=23.98	Pass



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SZEMC-TRF-01 Rev. A/1

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		5670	14.98	<=23.98	Pass
		5755	14.03	<=30	Pass
		5795	14.47	<=30	Pass
802.11ac (VHT20)	SISO	5180	13.87	<=23.98	Pass
		5200	14.23	<=23.98	Pass
		5240	14.68	<=23.98	Pass
		5260	14.53	<=23.98	Pass
		5300	14.53	<=23.98	Pass
		5320	14.40	<=23.98	Pass
		5500	14.65	<=23.98	Pass
		5580	14.79	<=23.98	Pass
		5700	14.92	<=23.98	Pass
		5745	14.08	<=30	Pass
		5785	14.62	<=30	Pass
		5825	14.65	<=30	Pass
802.11ac (VHT40)	SISO	5190	14.09	<=23.98	Pass
		5230	14.70	<=23.98	Pass
		5270	14.30	<=23.98	Pass
		5310	14.44	<=23.98	Pass
		5510	14.61	<=23.98	Pass
		5550	14.65	<=23.98	Pass
		5670	14.69	<=23.98	Pass
		5755	14.35	<=30	Pass
		5795	14.62	<=30	Pass
802.11ac (VHT80)	SISO	5210	14.17	<=23.98	Pass
		5290	13.95	<=23.98	Pass
		5530	14.60	<=23.98	Pass
		5610	14.78	<=23.98	Pass
		5775	14.18	<=30	Pass
Note1: Antenna Gain: Ant1: 2.79dBi;					



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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	2.71	<=11	Pass
		5200	2.87	<=11	Pass
		5240	3.19	<=11	Pass
		5260	2.88	<=11	Pass
		5300	3.03	<=11	Pass
		5320	2.98	<=11	Pass
		5500	3.25	<=11	Pass
		5580	3.63	<=11	Pass
		5700	3.71	<=11	Pass
802.11n (HT20)	SISO	5180	2.35	<=11	Pass
		5200	2.61	<=11	Pass
		5240	2.89	<=11	Pass
		5260	3.45	<=11	Pass
		5300	3.41	<=11	Pass
		5320	3.60	<=11	Pass
		5500	3.29	<=11	Pass
		5580	3.46	<=11	Pass
		5700	3.49	<=11	Pass
802.11n (HT40)	SISO	5190	-0.60	<=11	Pass
		5230	-0.16	<=11	Pass
		5270	-0.13	<=11	Pass
		5310	0.07	<=11	Pass
		5510	0.26	<=11	Pass
		5550	0.44	<=11	Pass
		5670	0.44	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.66	<=11	Pass
		5200	2.97	<=11	Pass
		5240	3.36	<=11	Pass
		5260	3.07	<=11	Pass
		5300	3.12	<=11	Pass
		5320	2.99	<=11	Pass



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		5500	3.39	<=11	Pass
		5580	3.38	<=11	Pass
		5700	3.46	<=11	Pass
802.11ac (VHT40)	SISO	5190	0.03	<=11	Pass
		5230	0.22	<=11	Pass
		5270	-0.11	<=11	Pass
		5310	-0.01	<=11	Pass
		5510	0.23	<=11	Pass
		5550	0.23	<=11	Pass
		5670	0.23	<=11	Pass
802.11ac (VHT80)	SISO	5210	-1.88	<=11	Pass
		5290	-2.03	<=11	Pass
		5530	0.10	<=11	Pass
		5610	-1.59	<=11	Pass

Note1: Antenna Gain: Ant1: 2.79dBi;



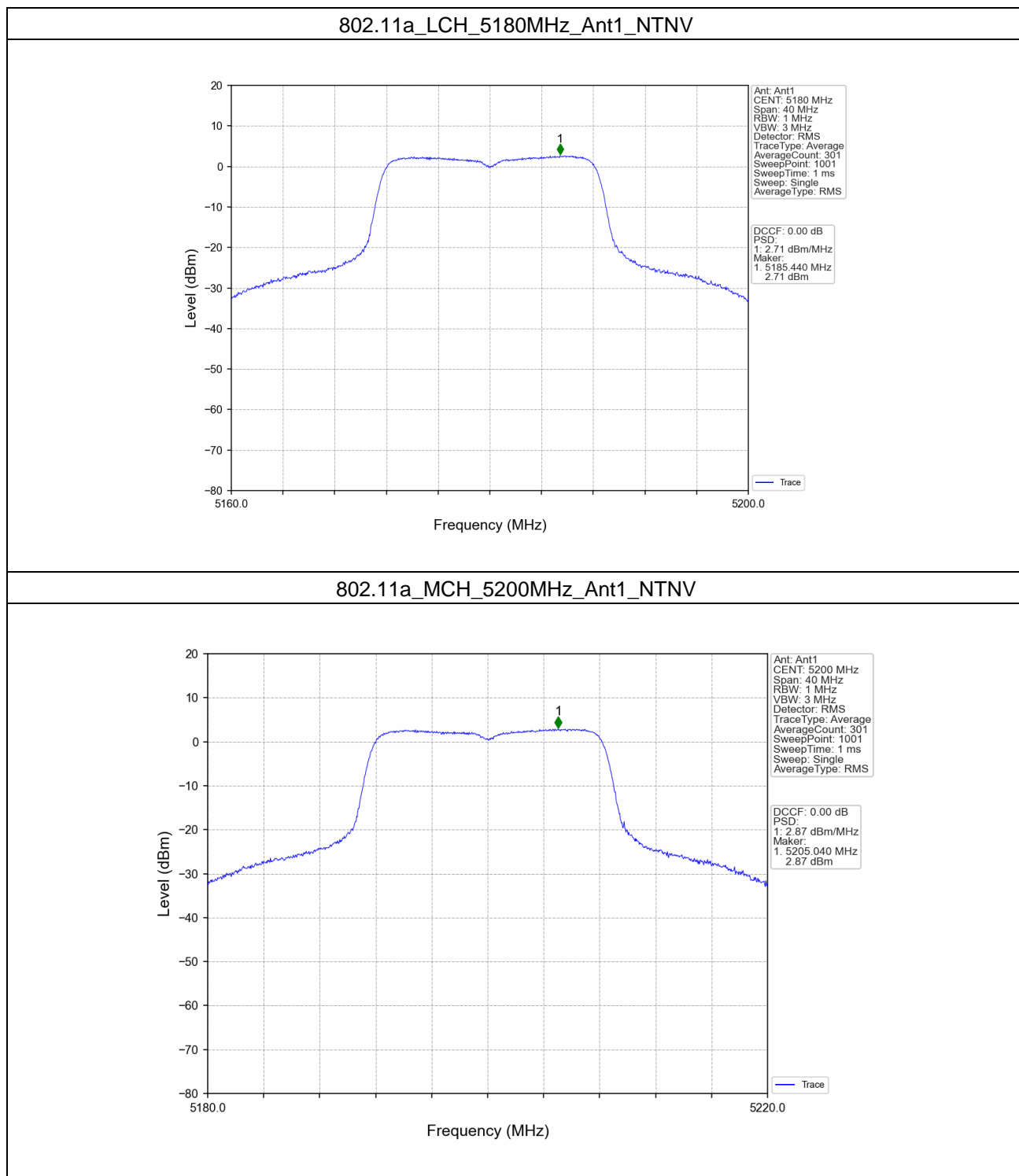
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

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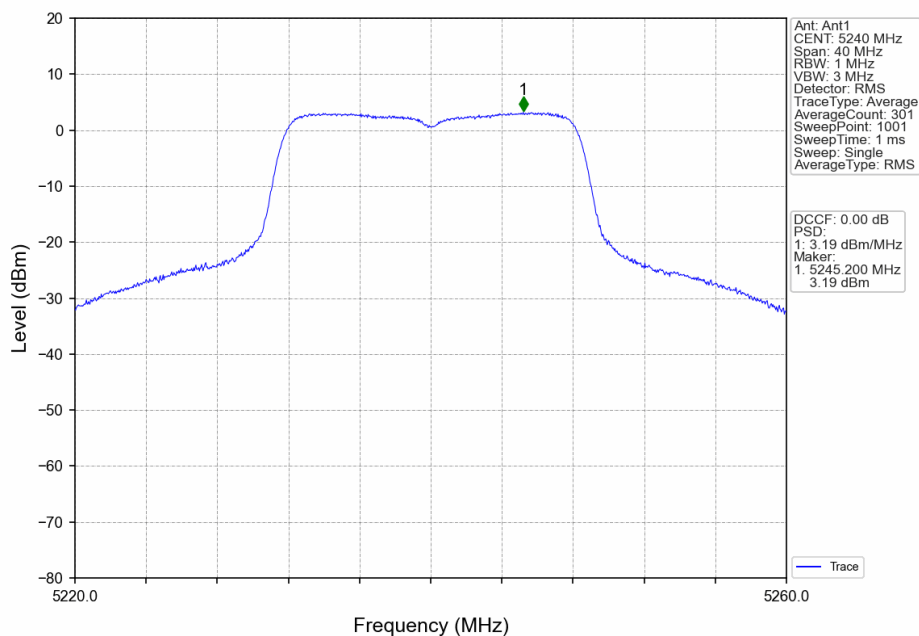
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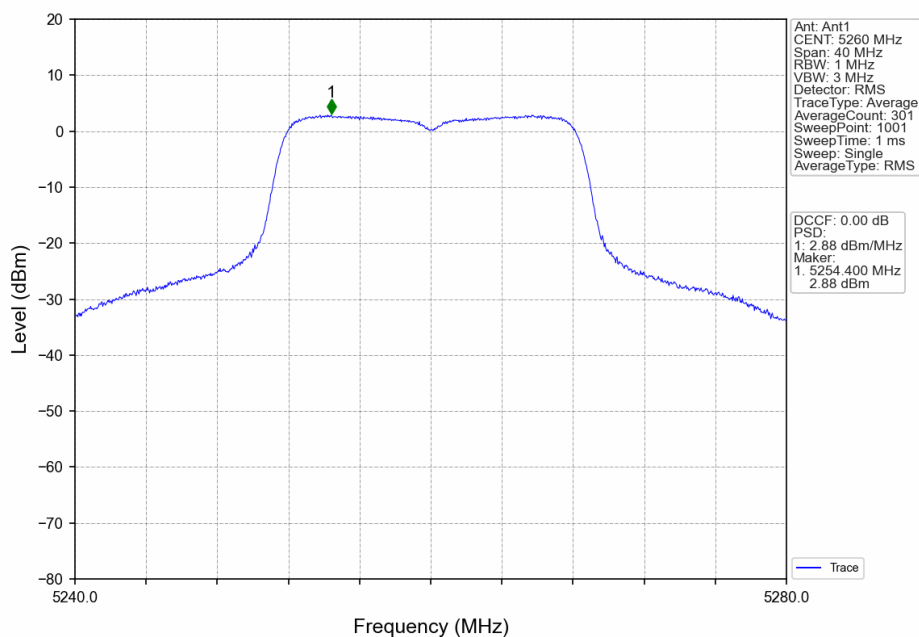
4.1.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



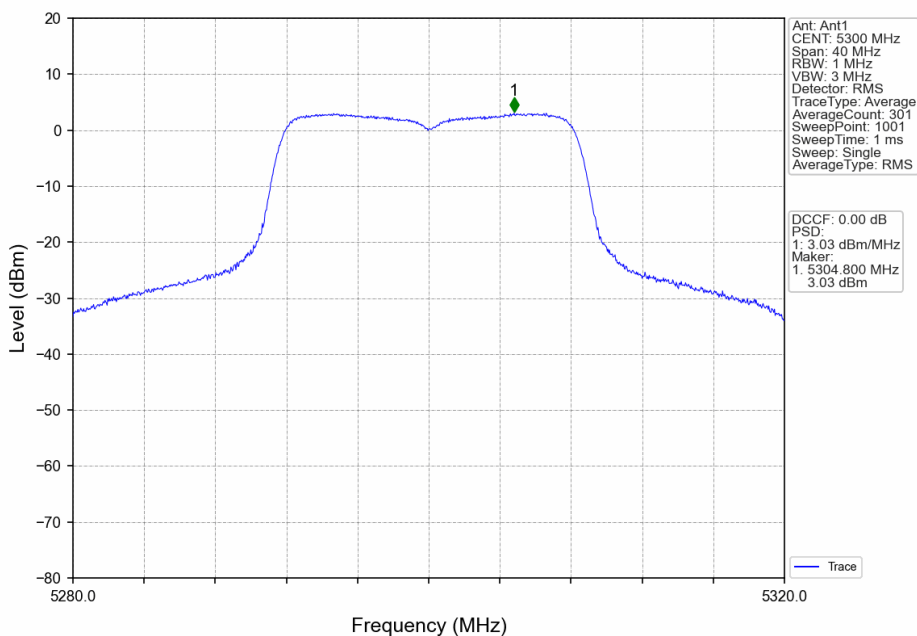
802.11a_LCH_5260MHz_Ant1_NTNV



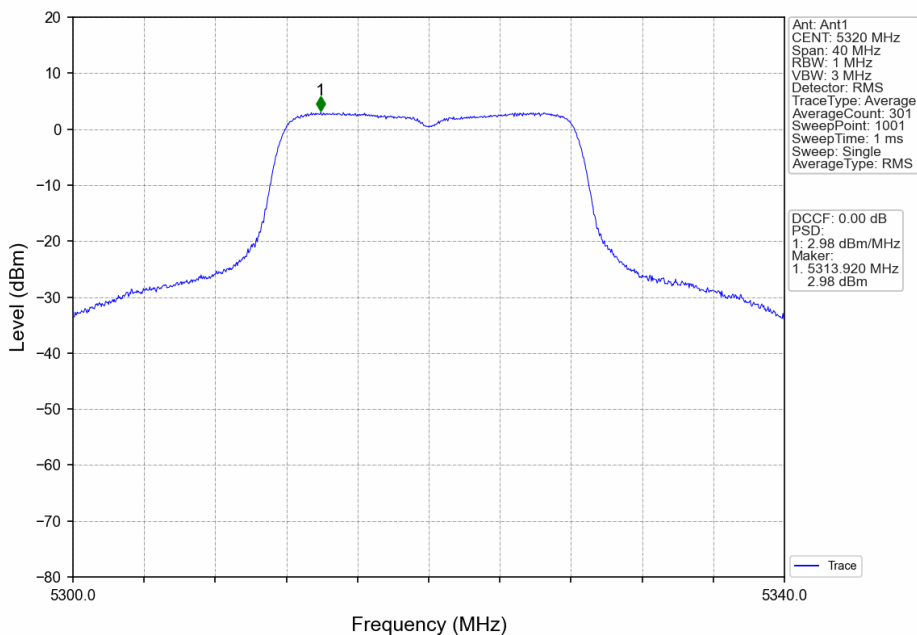
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802.11a_MCH_5300MHz_Ant1_NTNV



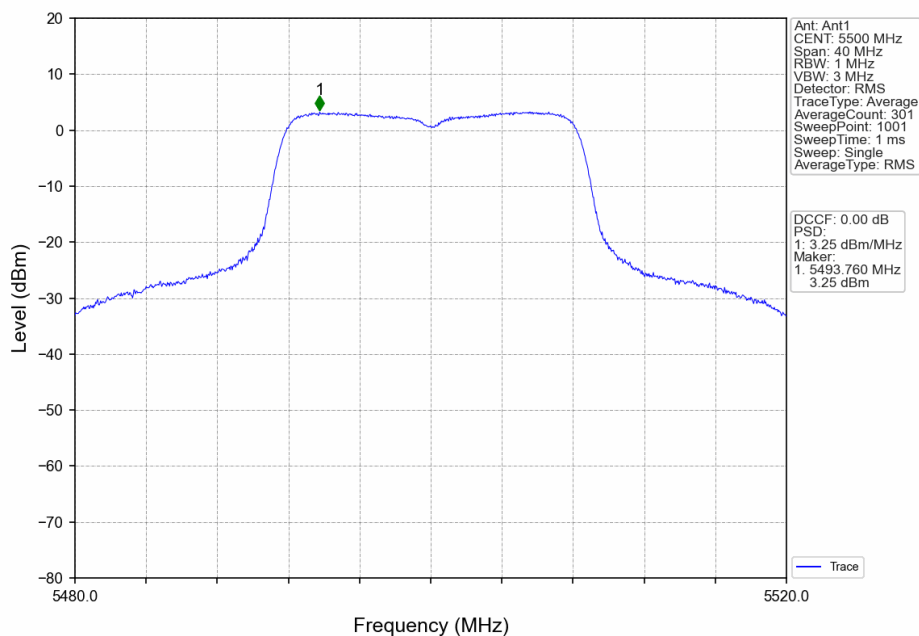
802.11a_HCH_5320MHz_Ant1_NTNV



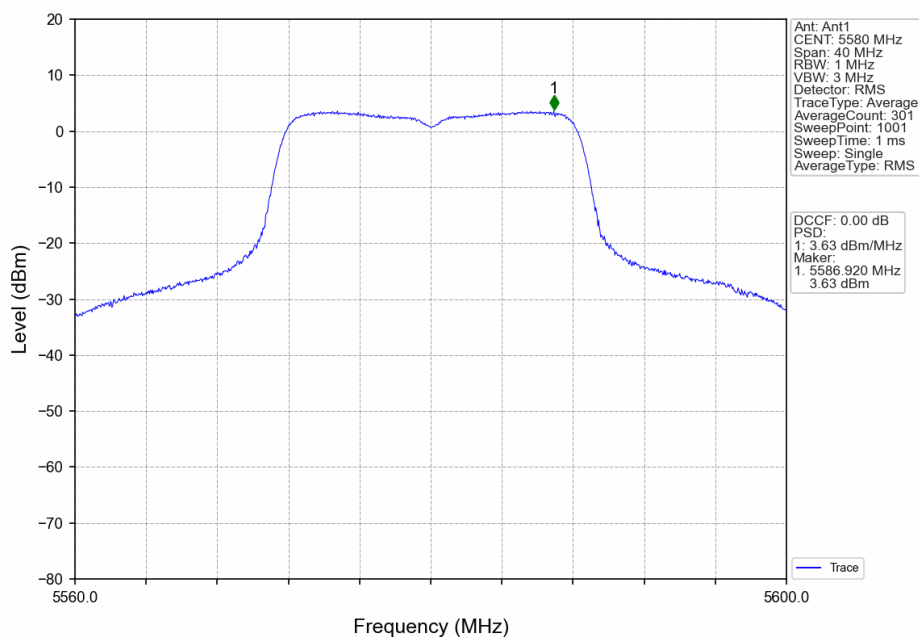
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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