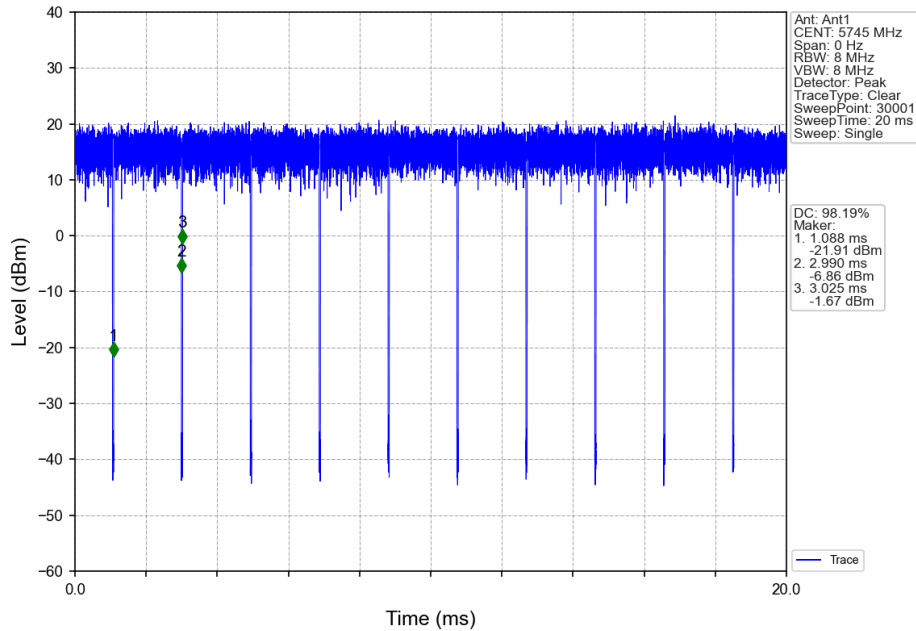
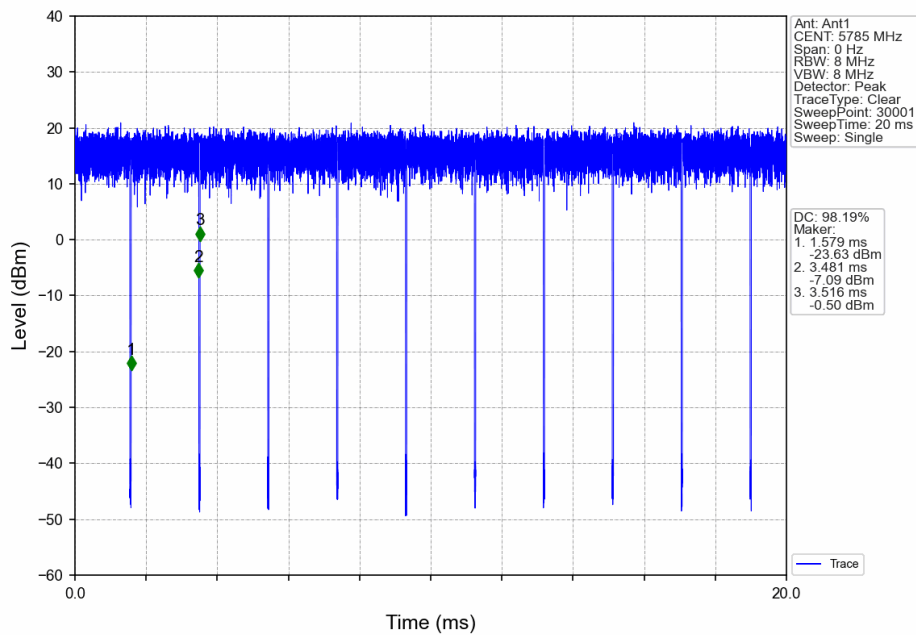


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



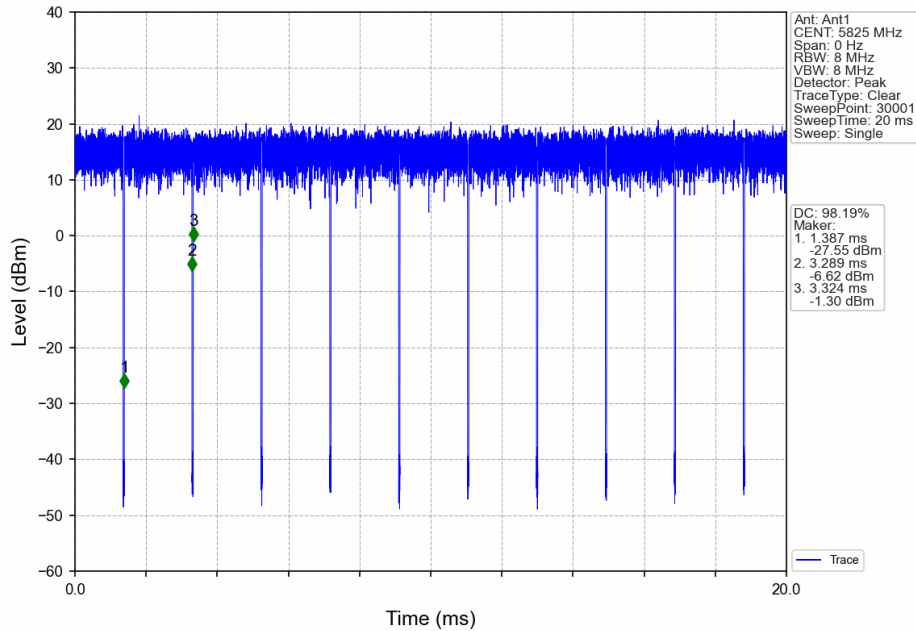
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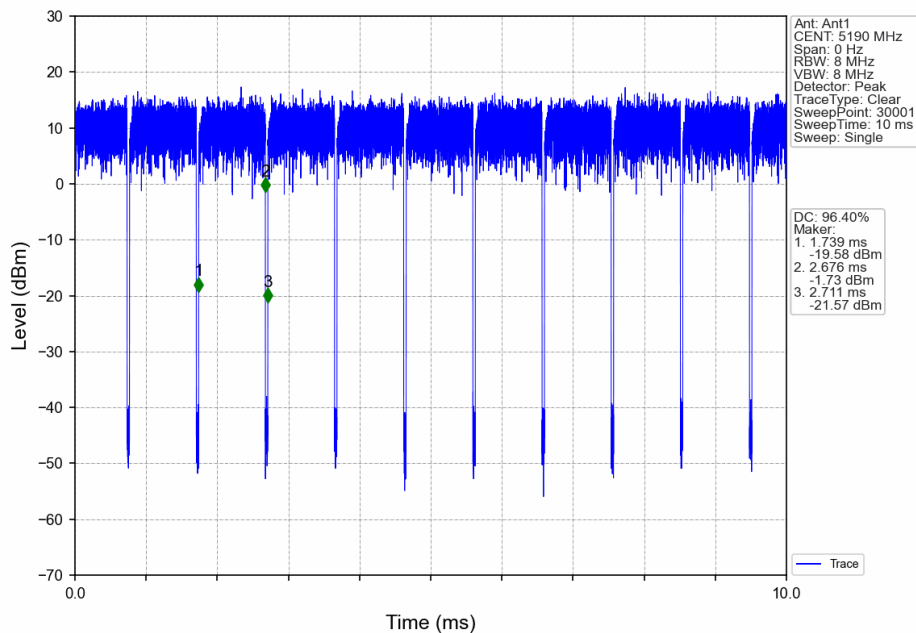
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



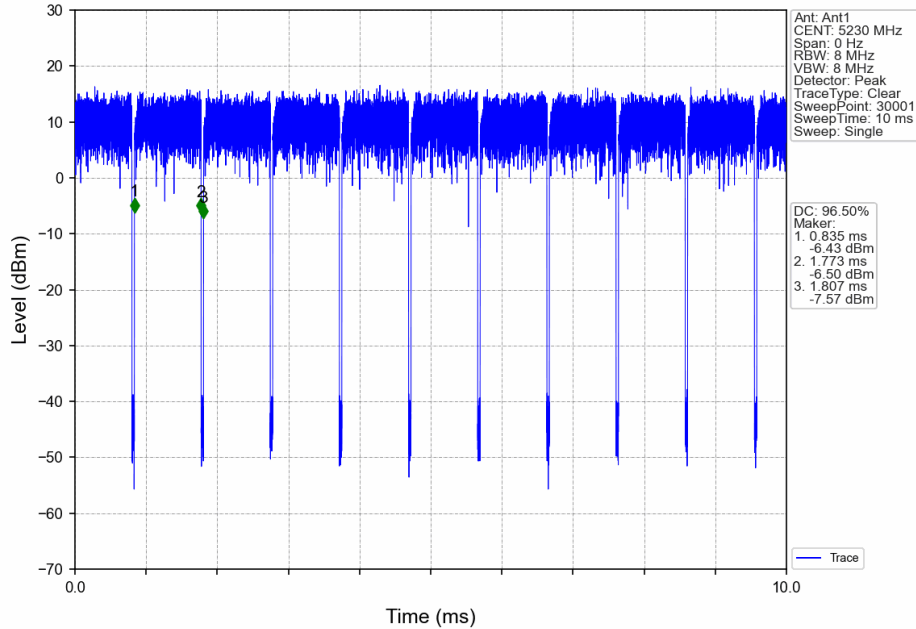
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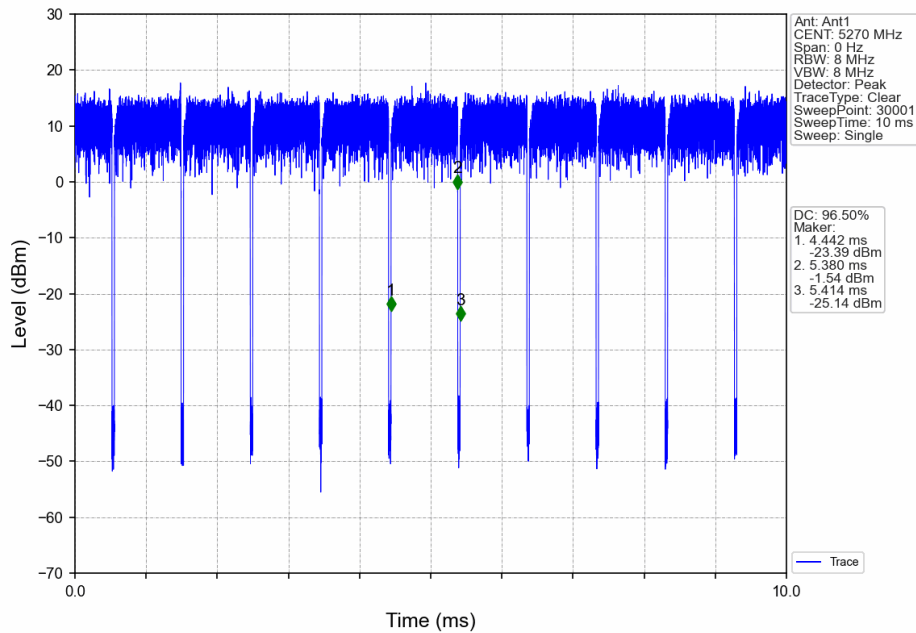
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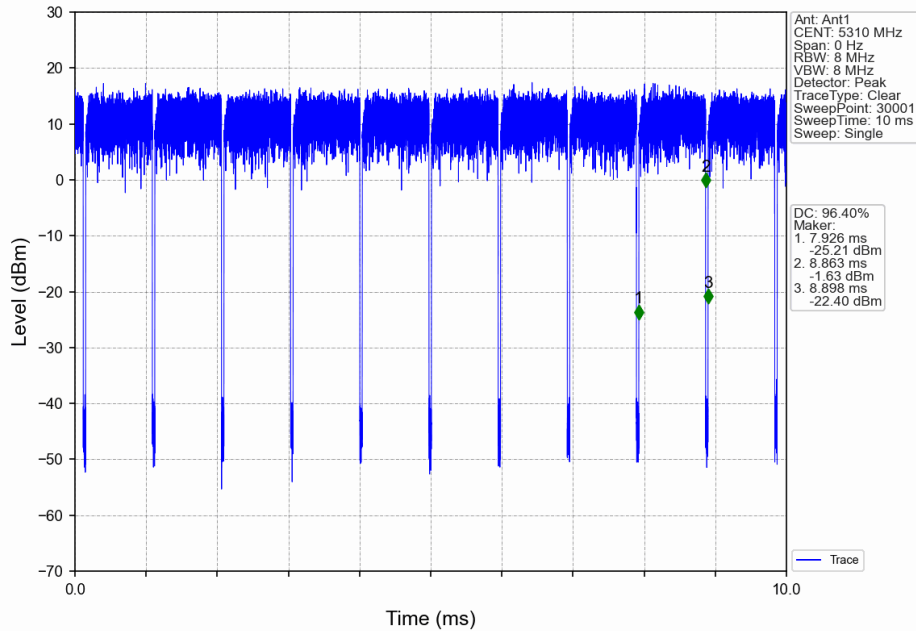
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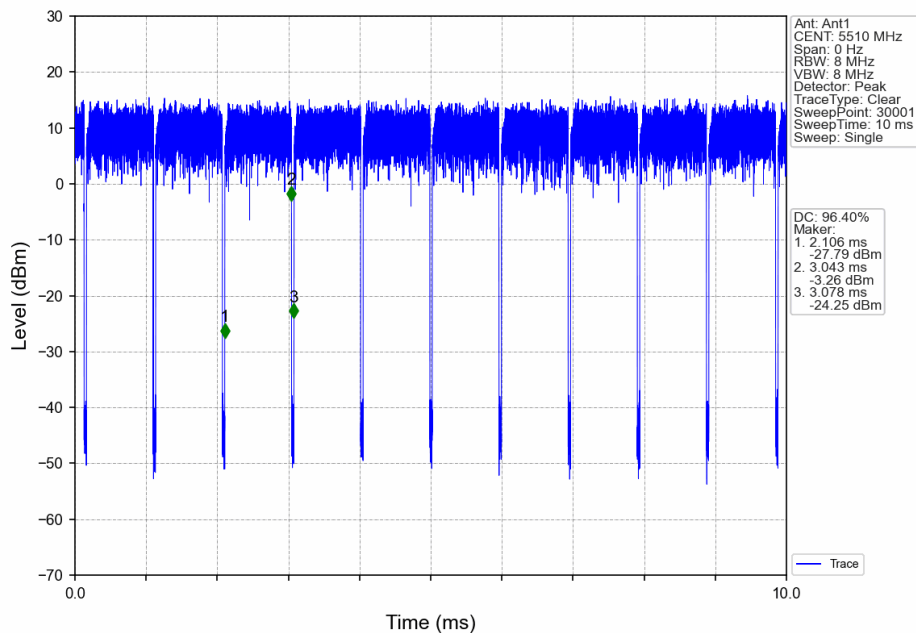
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



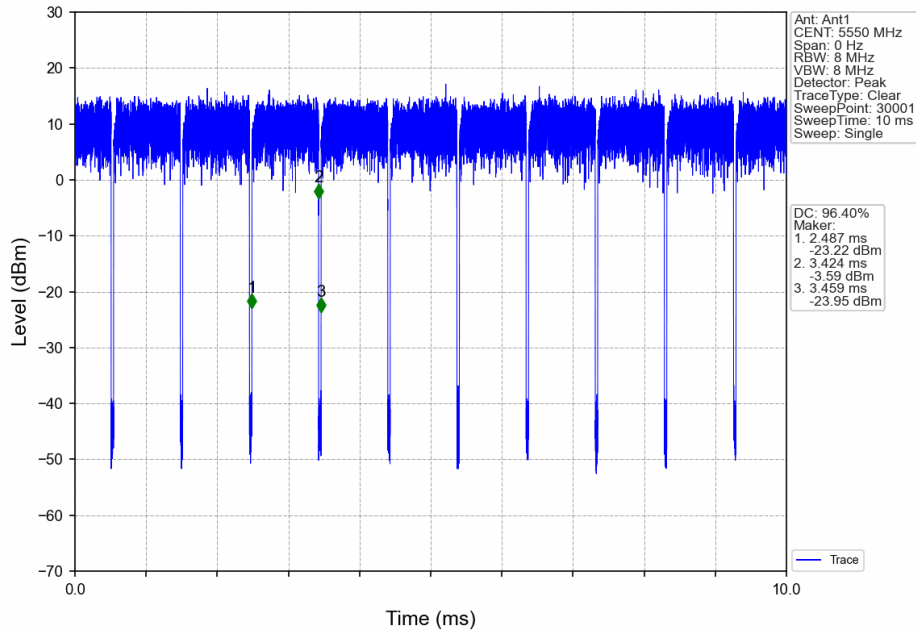
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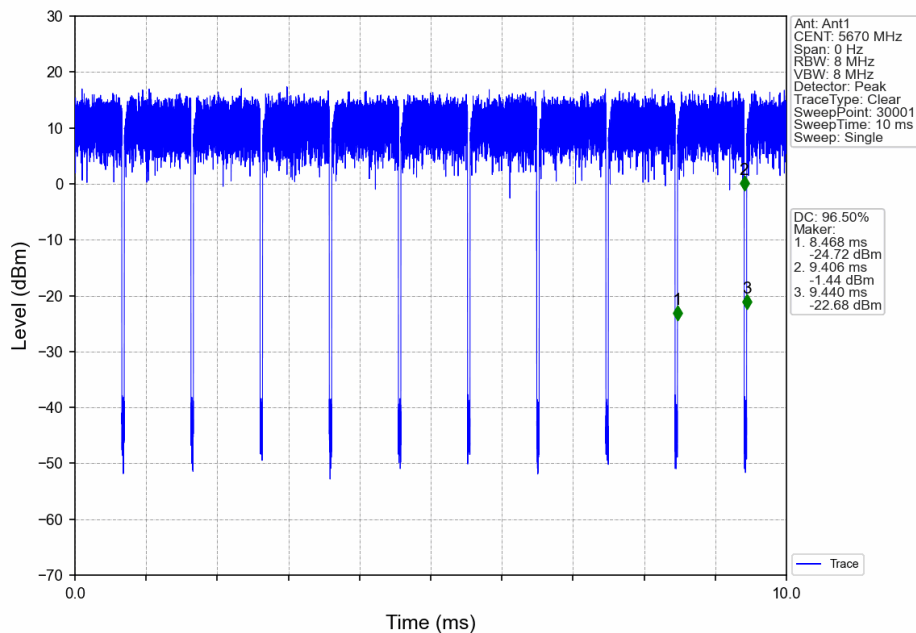
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



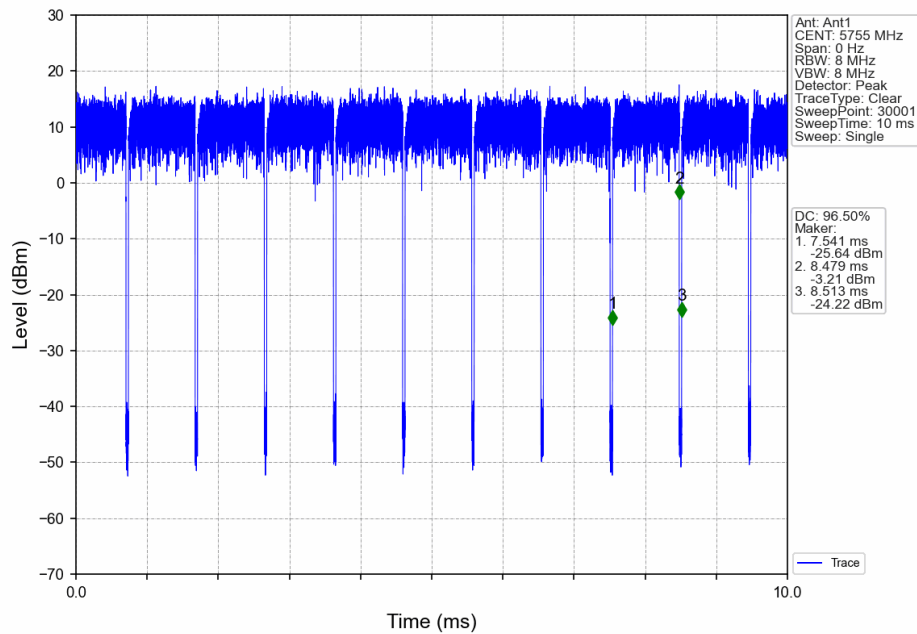
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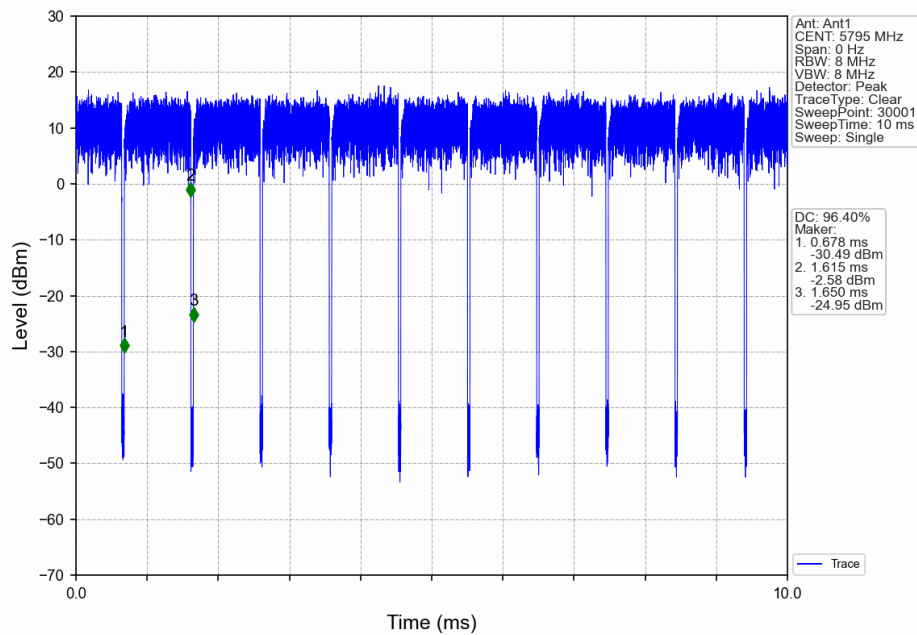
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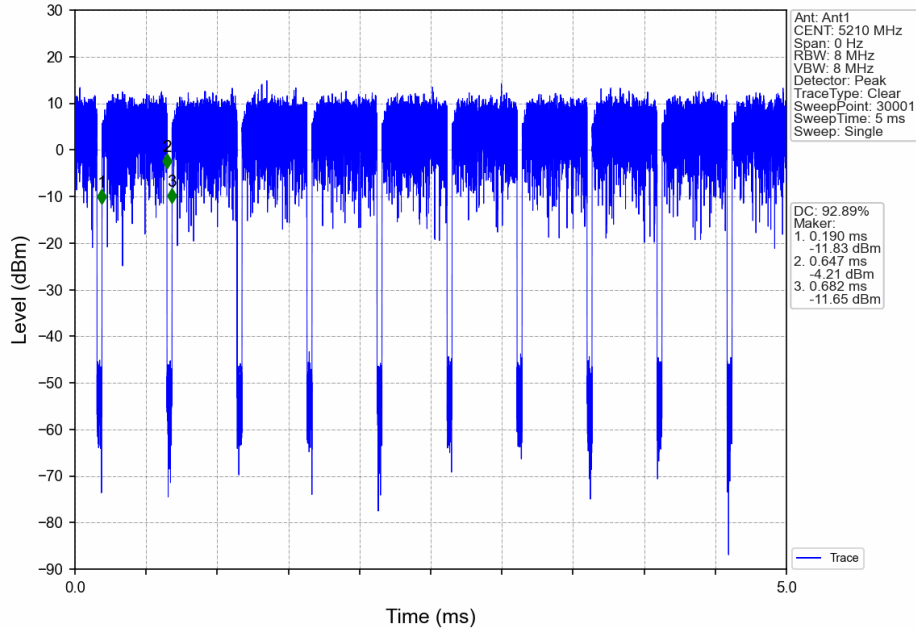
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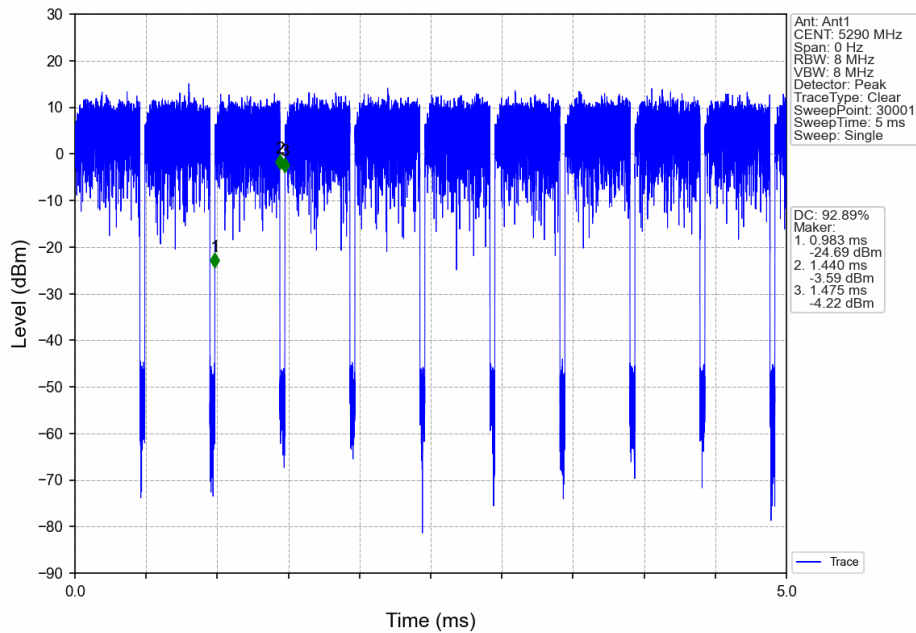
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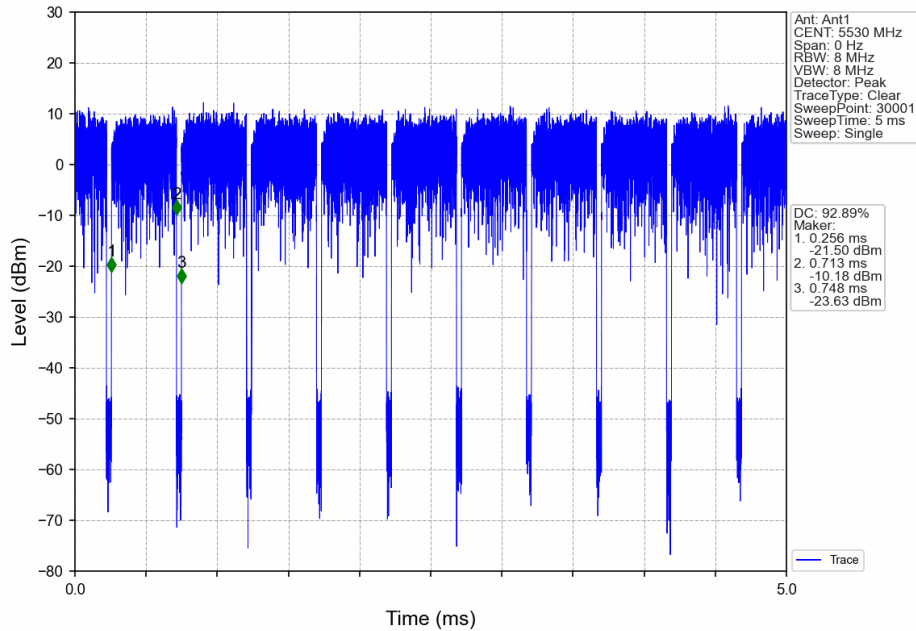
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



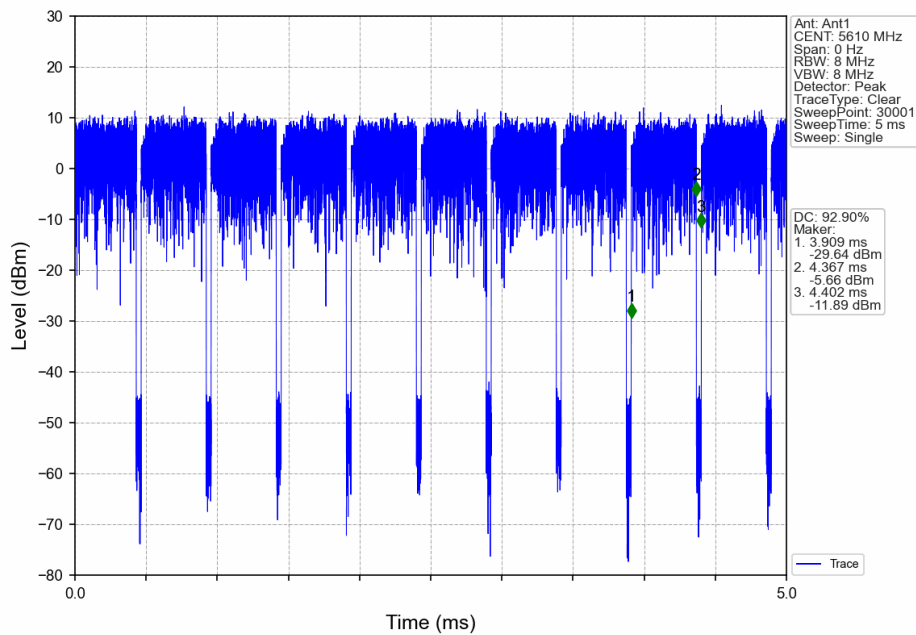
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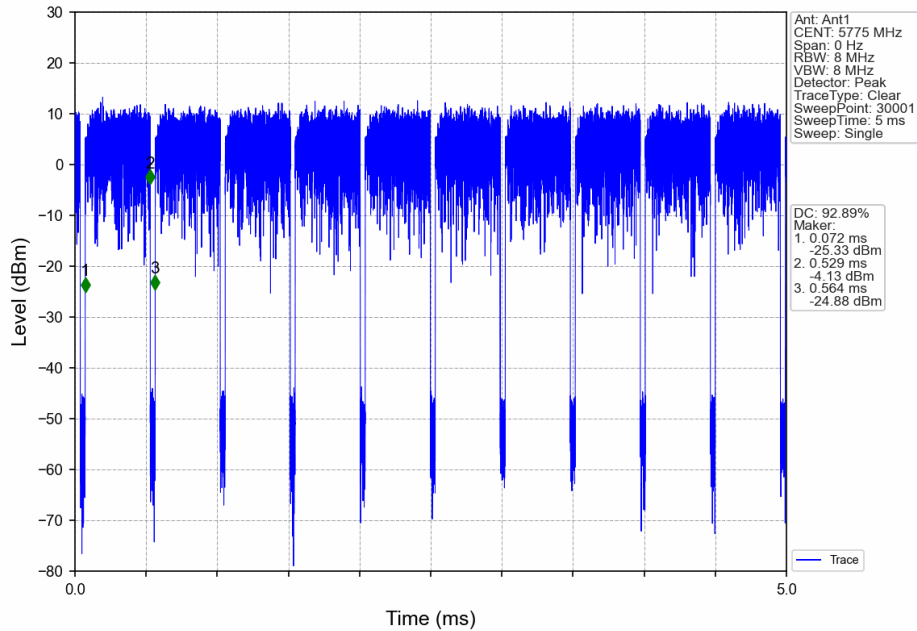
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	17.393	Pass
		5200	1	17.330	Pass
		5240	1	17.429	Pass
		5260	1	17.379	Pass
		5300	1	17.313	Pass
		5320	1	17.395	Pass
		5500	1	17.359	Pass
		5580	1	17.264	Pass
		5700	1	17.237	Pass
		5745	1	17.305	Pass
		5785	1	17.361	Pass
		5825	1	17.361	Pass
802.11n (HT20)	SISO	5180	1	18.498	Pass
		5200	1	18.490	Pass
		5240	1	18.378	Pass
		5260	1	18.475	Pass
		5300	1	18.501	Pass
		5320	1	18.505	Pass
		5500	1	18.466	Pass
		5580	1	18.411	Pass
		5700	1	18.506	Pass
		5745	1	18.400	Pass
		5785	1	18.404	Pass
		5825	1	18.467	Pass
802.11n (HT40)	SISO	5190	1	36.648	Pass
		5230	1	36.637	Pass
		5270	1	36.669	Pass
		5310	1	36.647	Pass
		5510	1	36.621	Pass
		5550	1	36.671	Pass
		5670	1	36.656	Pass



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

Report No.: SZCR230700238105

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		5755	1	36.651	Pass
		5795	1	36.569	Pass
802.11ac (VHT20)	SISO	5180	1	18.441	Pass
		5200	1	18.431	Pass
		5240	1	18.458	Pass
		5260	1	18.440	Pass
		5300	1	18.492	Pass
		5320	1	18.469	Pass
		5500	1	18.510	Pass
		5580	1	18.453	Pass
		5700	1	18.449	Pass
		5745	1	18.424	Pass
		5785	1	18.499	Pass
		5825	1	18.471	Pass
802.11ac (VHT40)	SISO	5190	1	36.673	Pass
		5230	1	36.752	Pass
		5270	1	36.694	Pass
		5310	1	36.616	Pass
		5510	1	36.645	Pass
		5550	1	36.633	Pass
		5670	1	36.574	Pass
		5755	1	36.628	Pass
802.11ac (VHT80)	SISO	5795	1	36.601	Pass
		5210	1	76.266	Pass
		5290	1	76.361	Pass
		5530	1	76.275	Pass
		5610	1	76.466	Pass
		5775	1	76.324	Pass



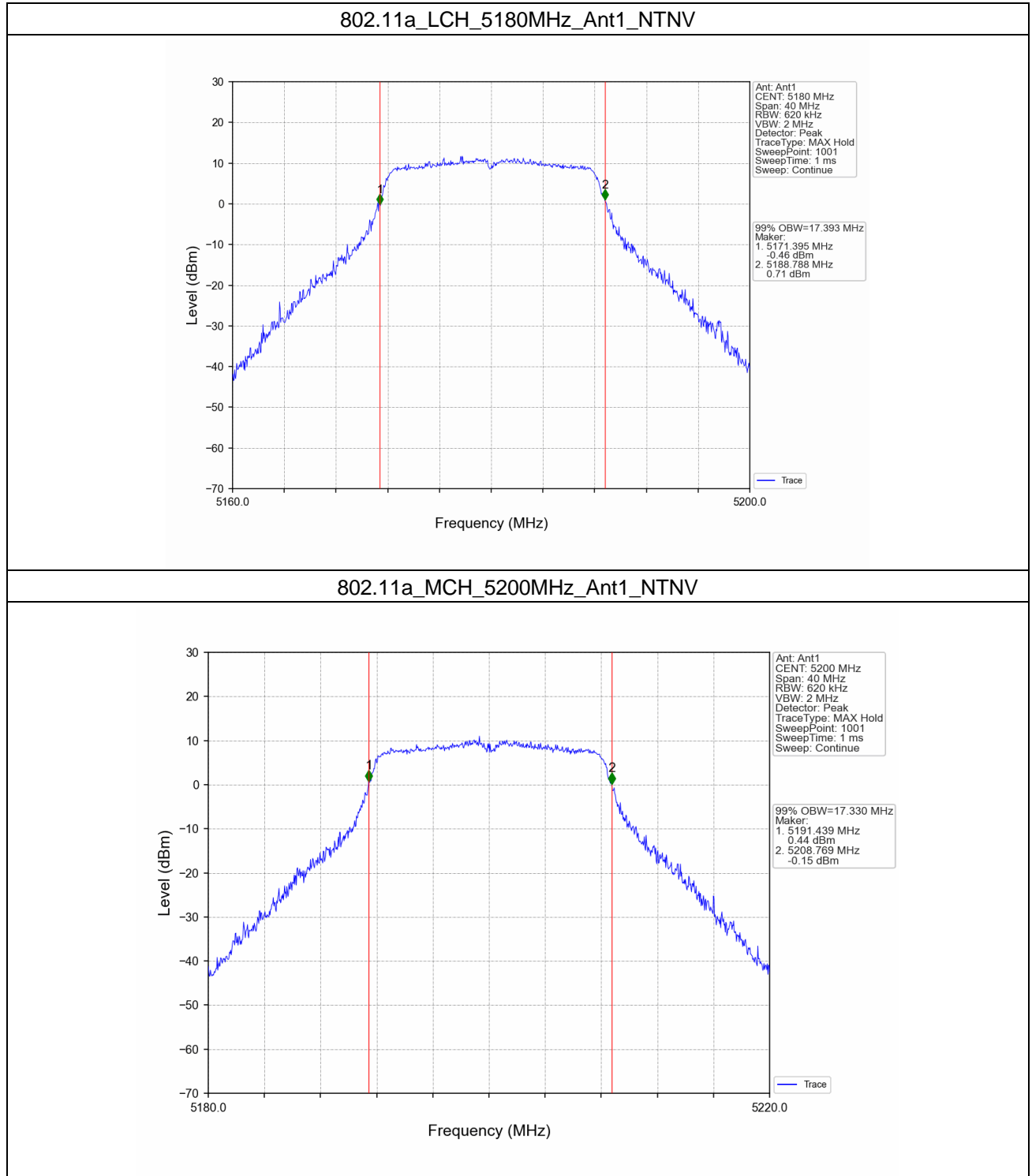
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2.1.2 Test Graph



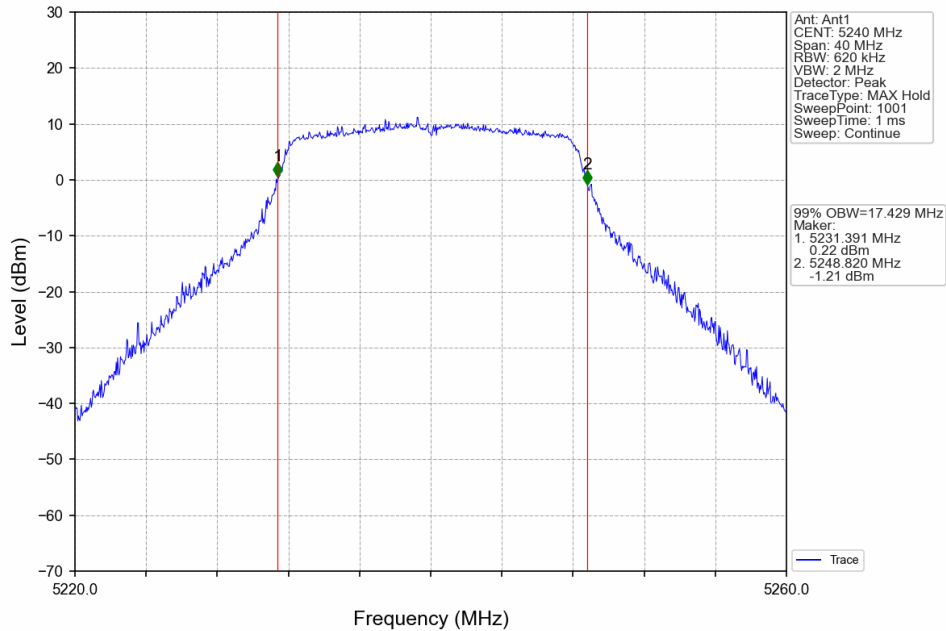
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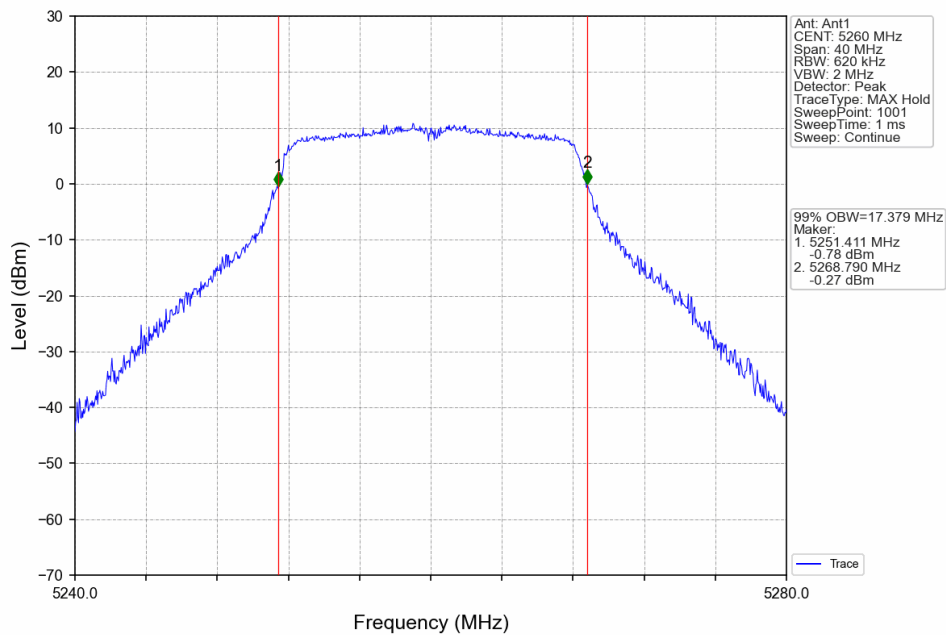
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



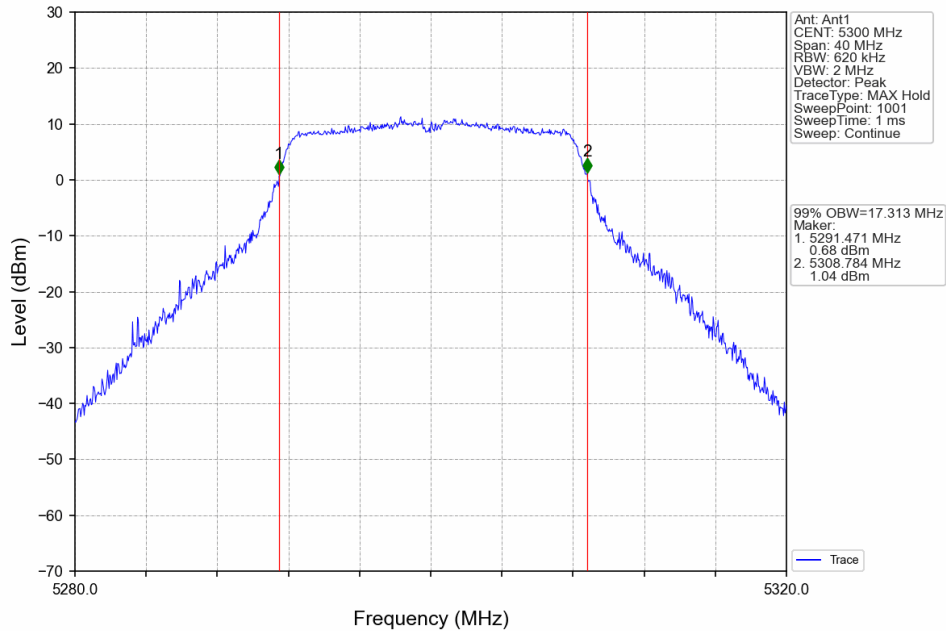
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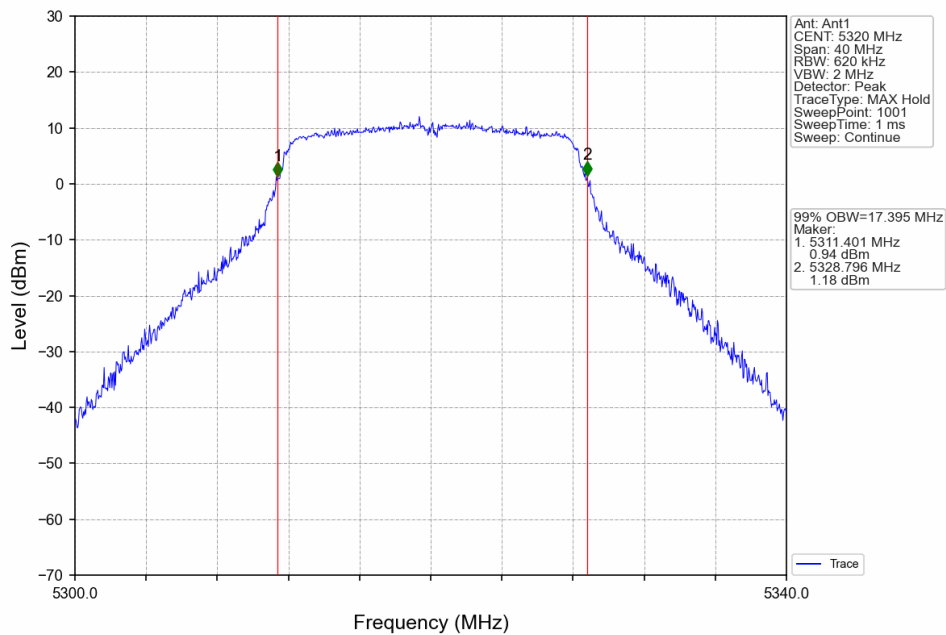
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



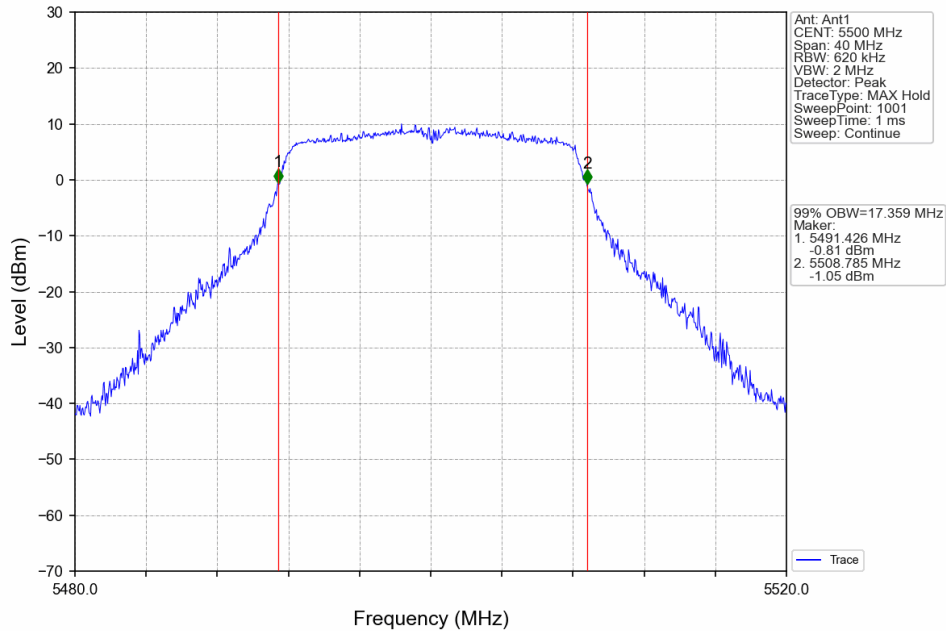
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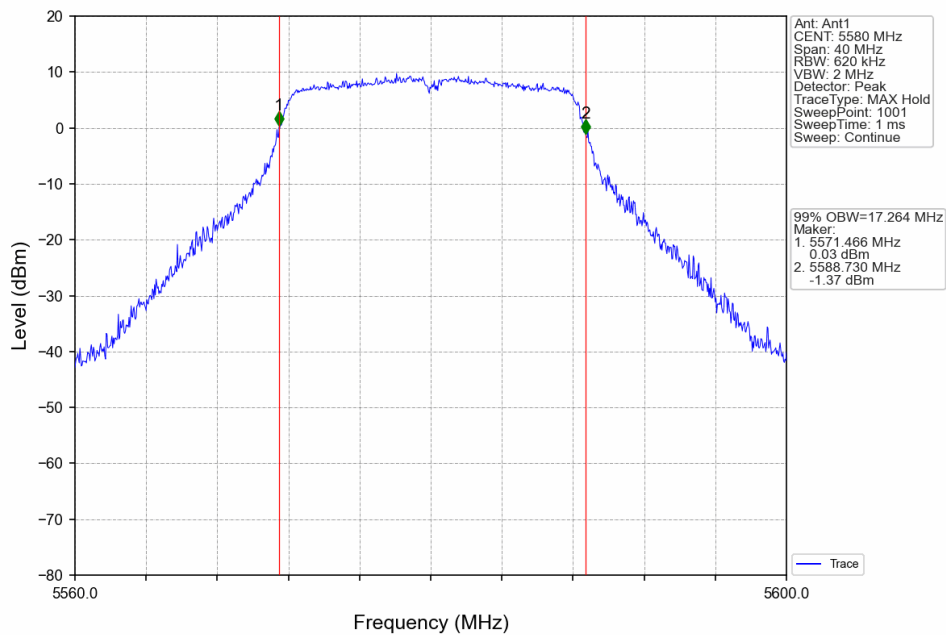
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



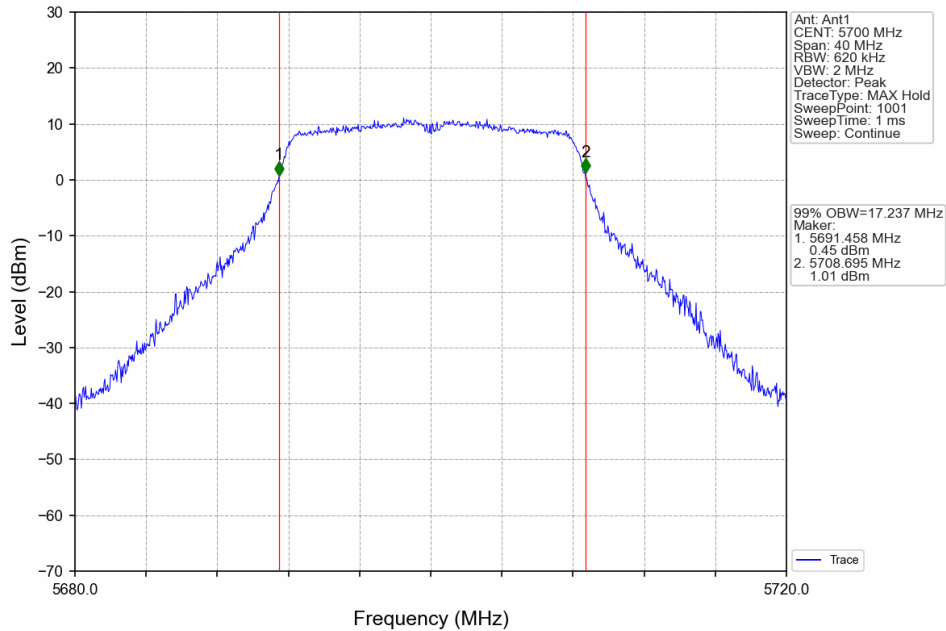
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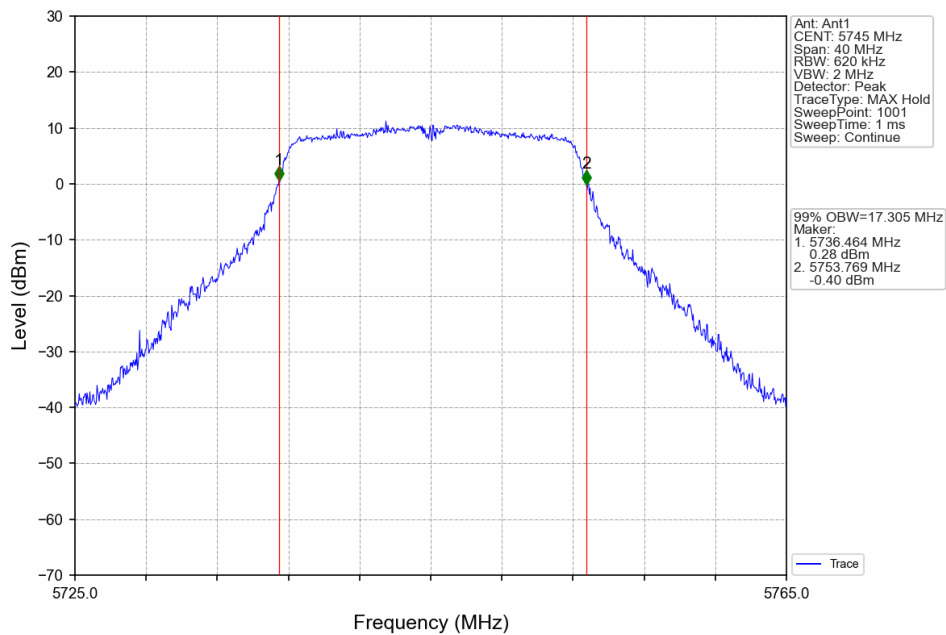
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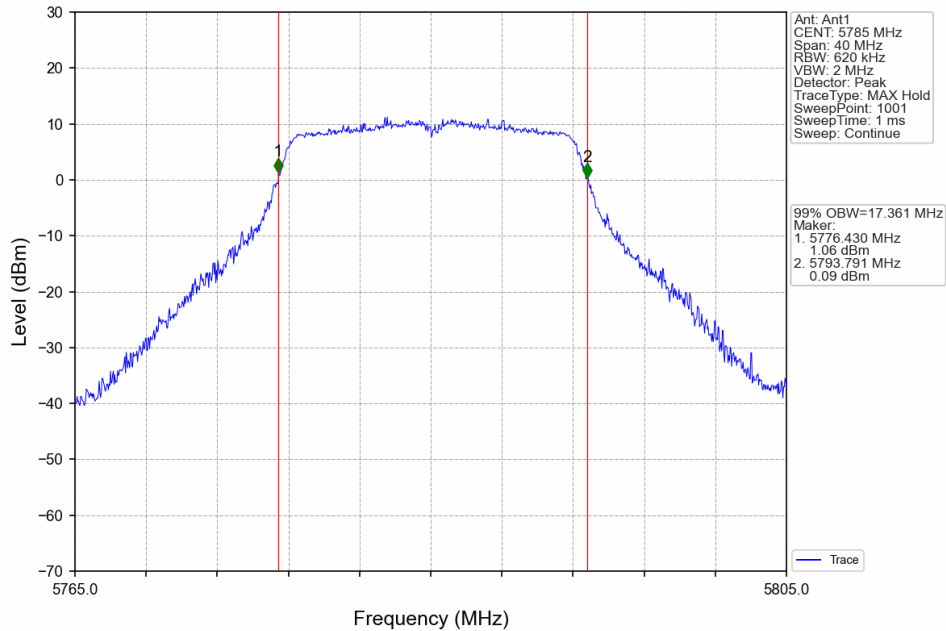
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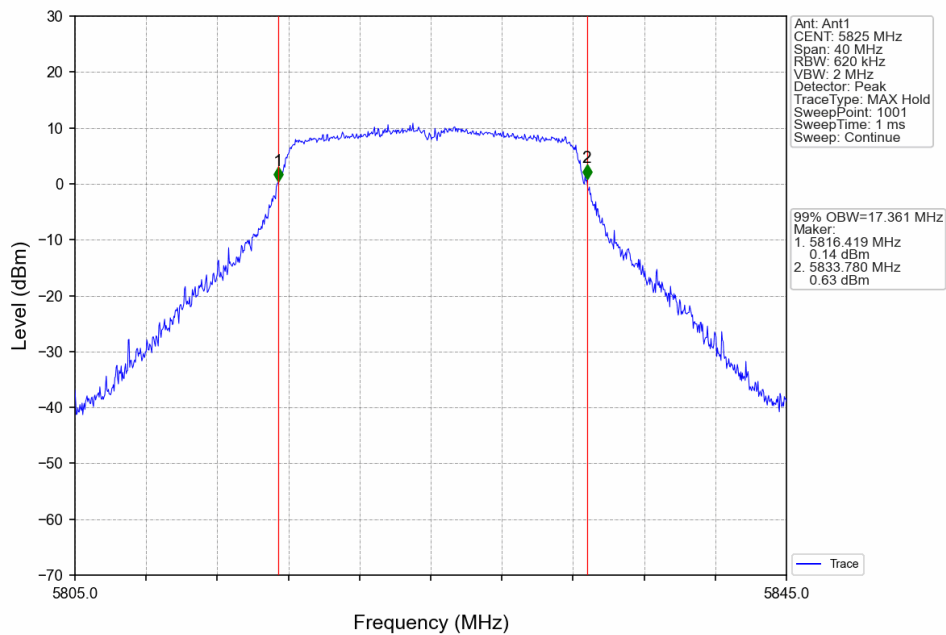
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



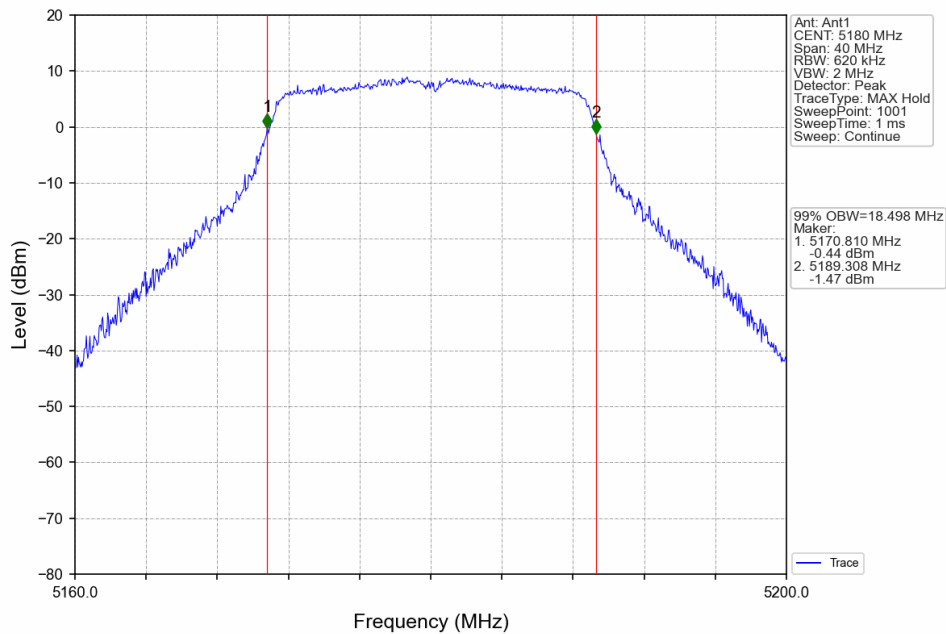
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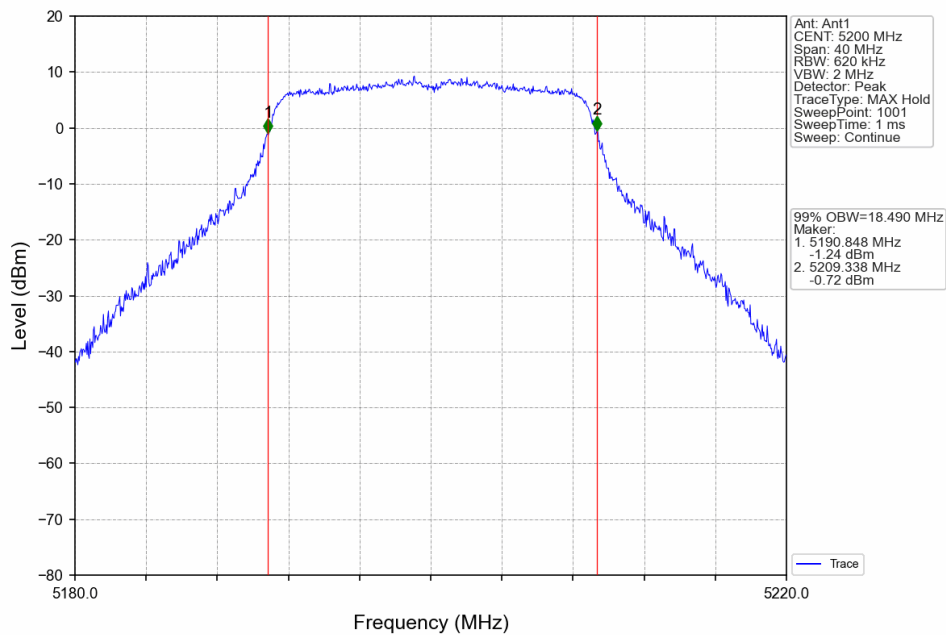
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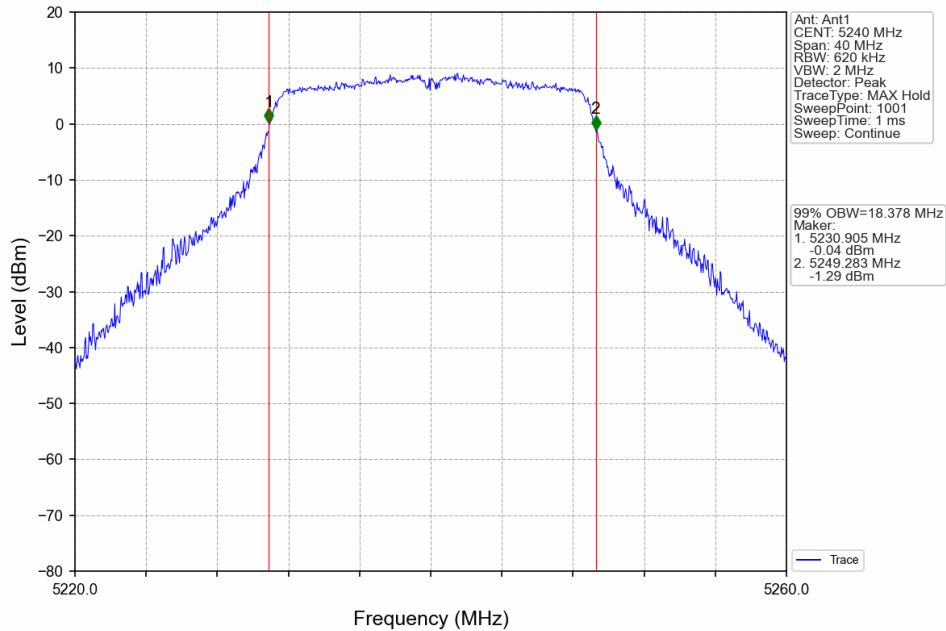
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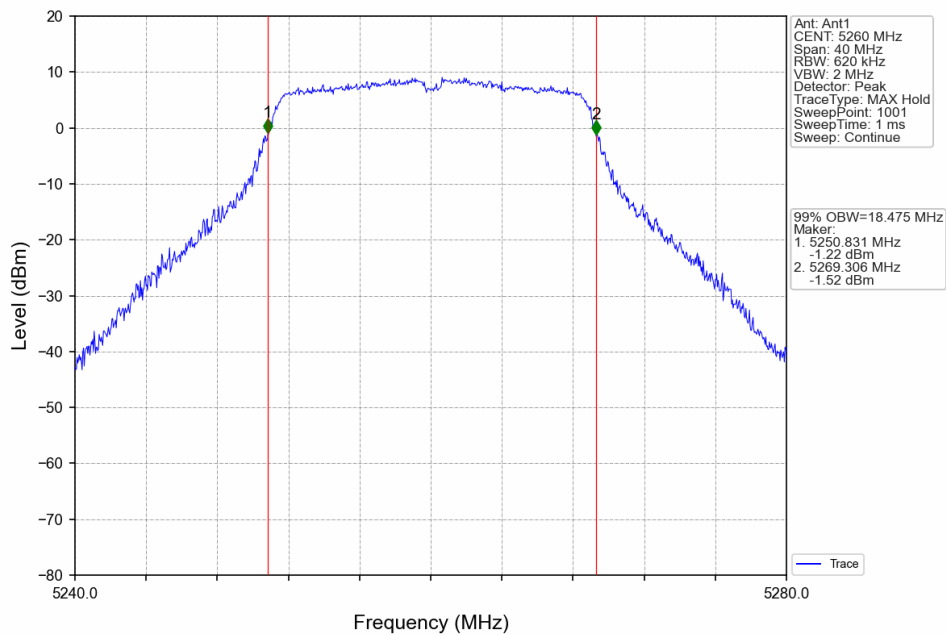
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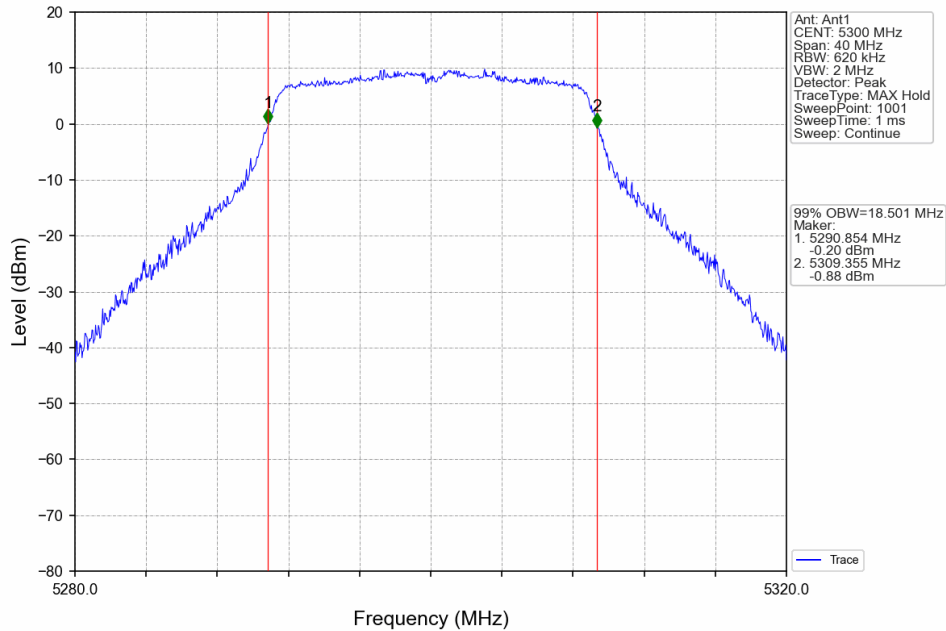
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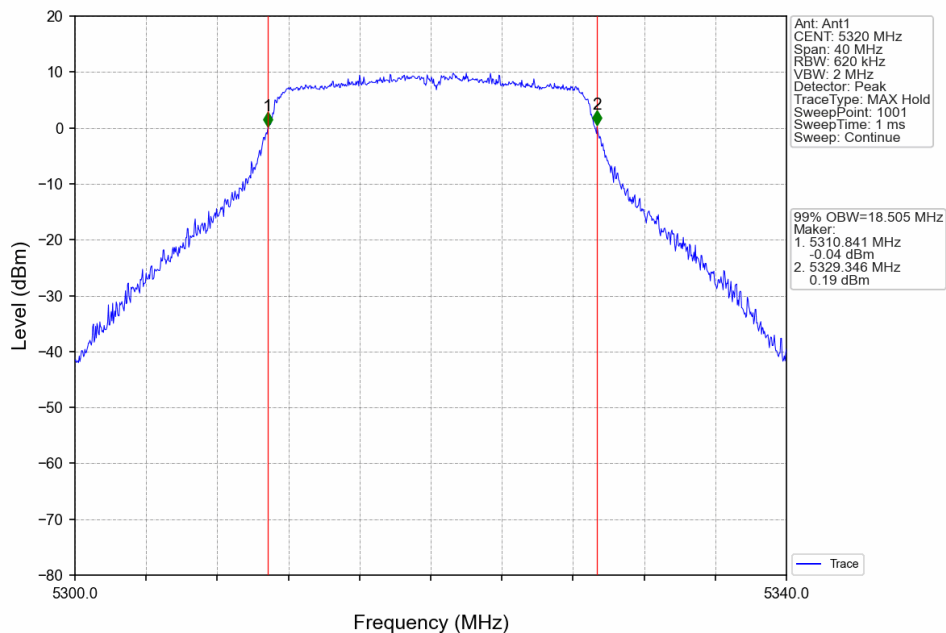
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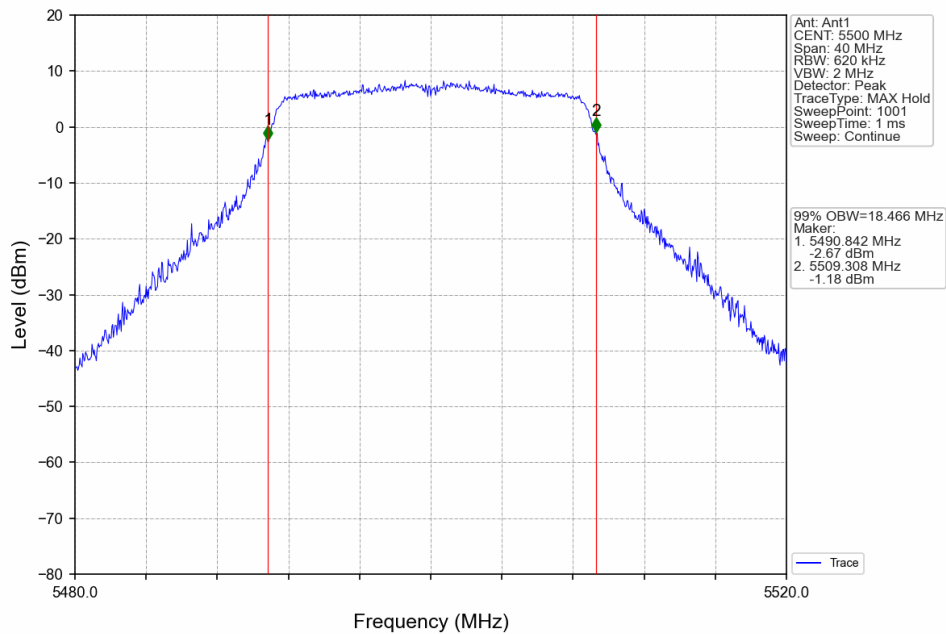
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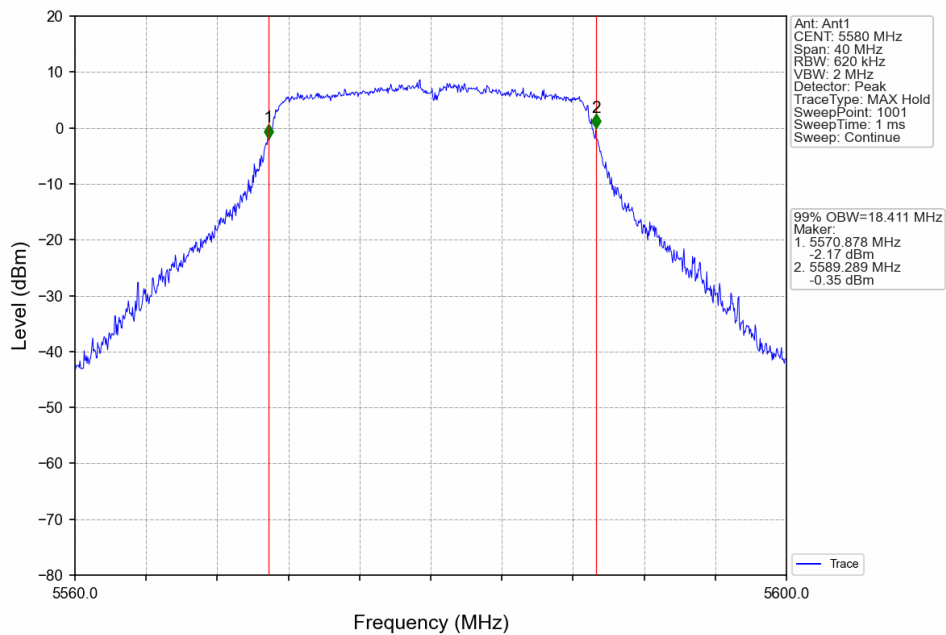
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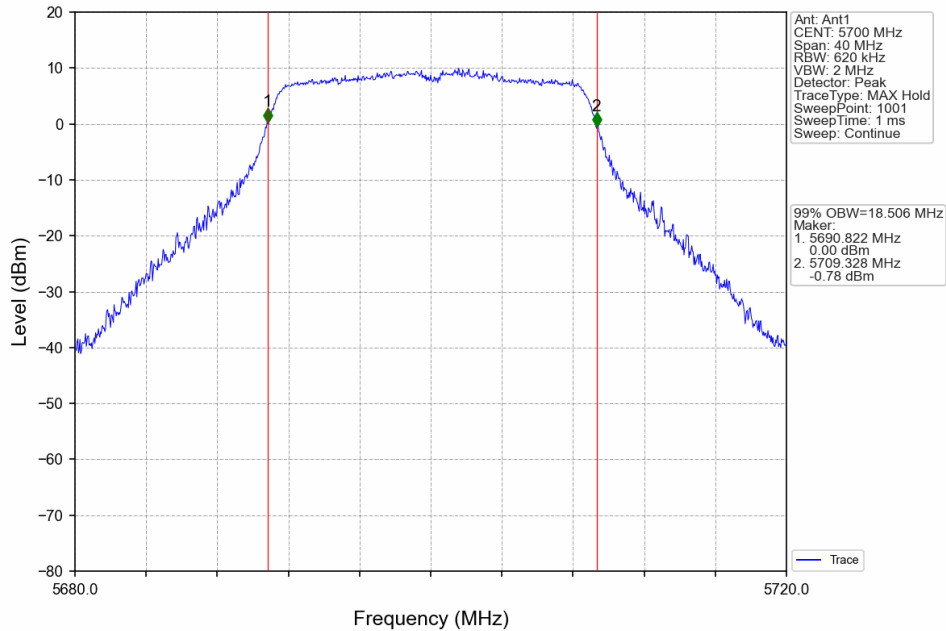
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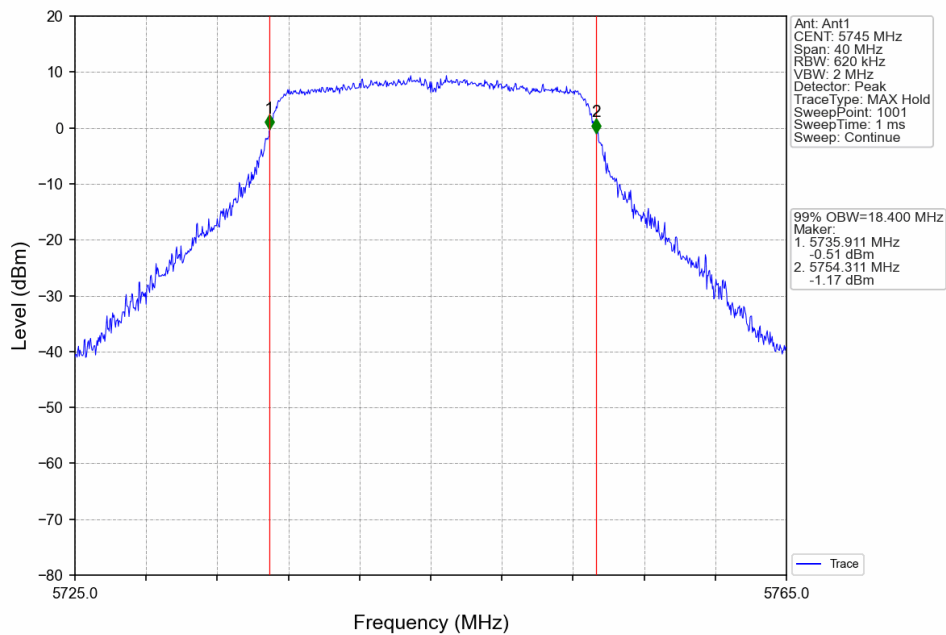
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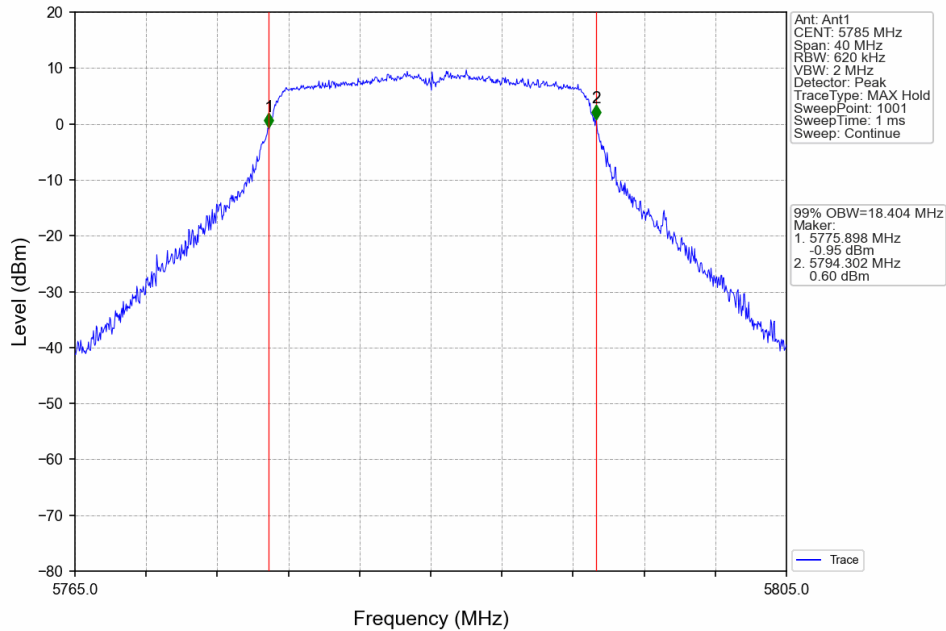
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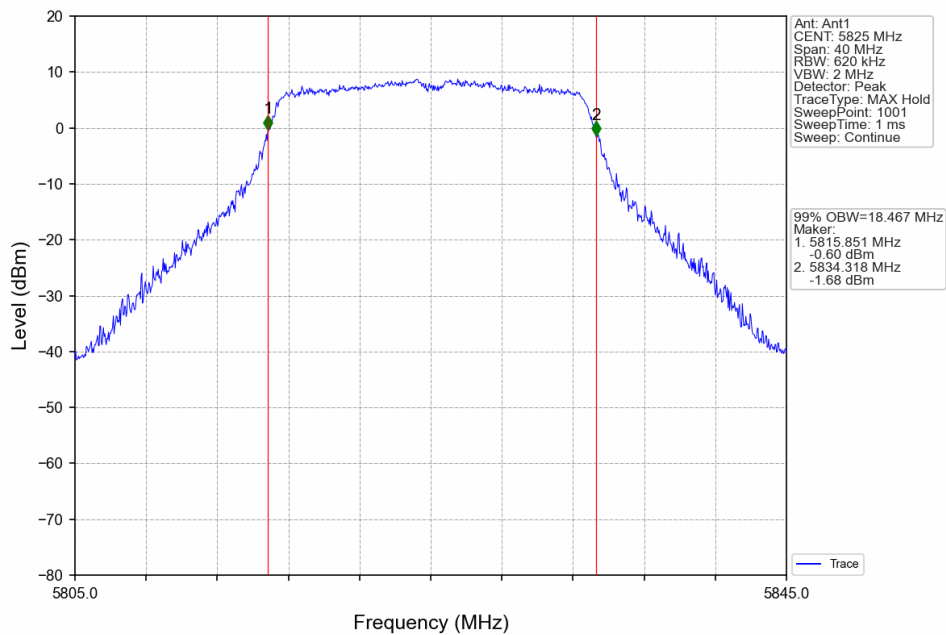
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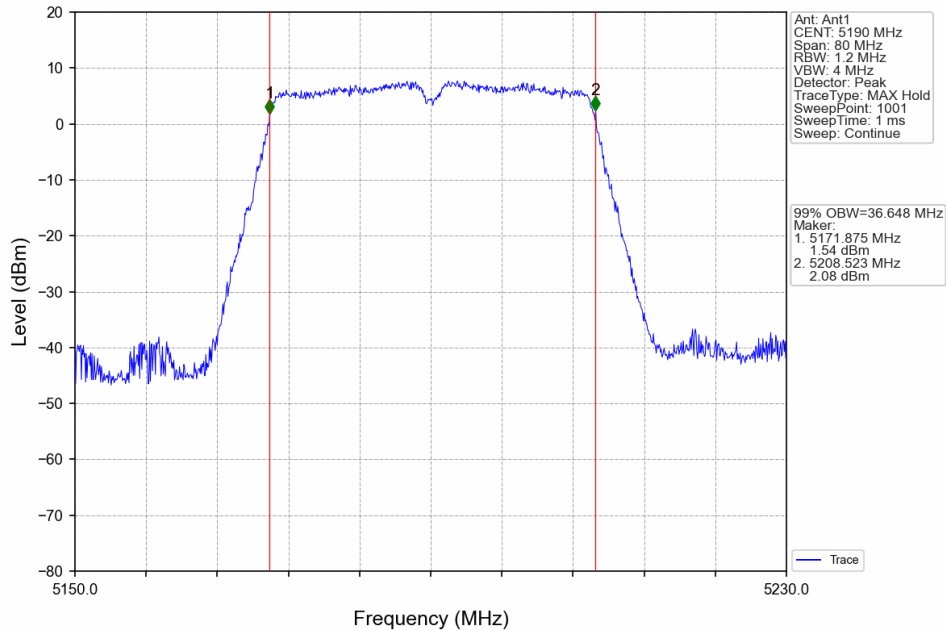
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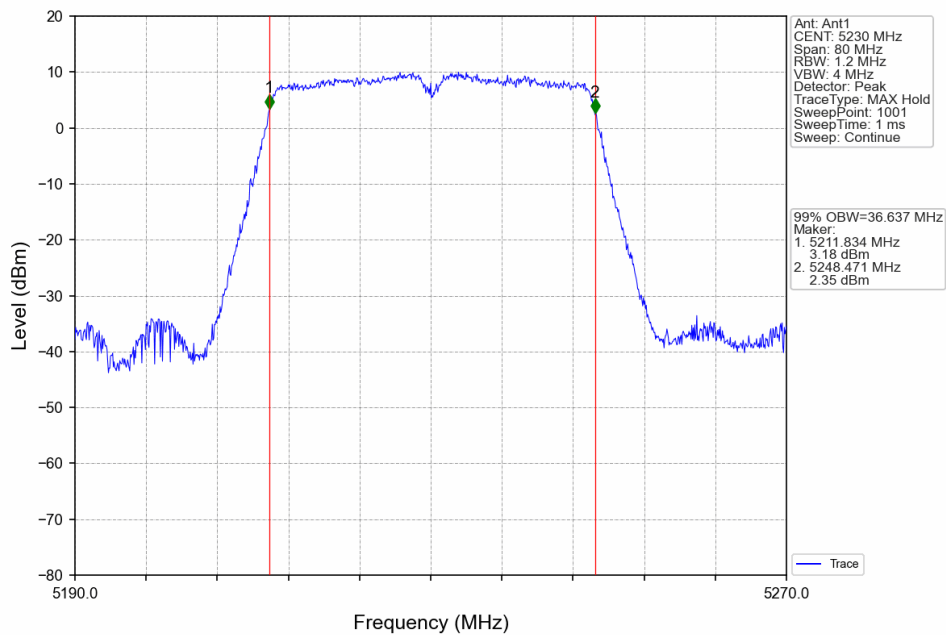
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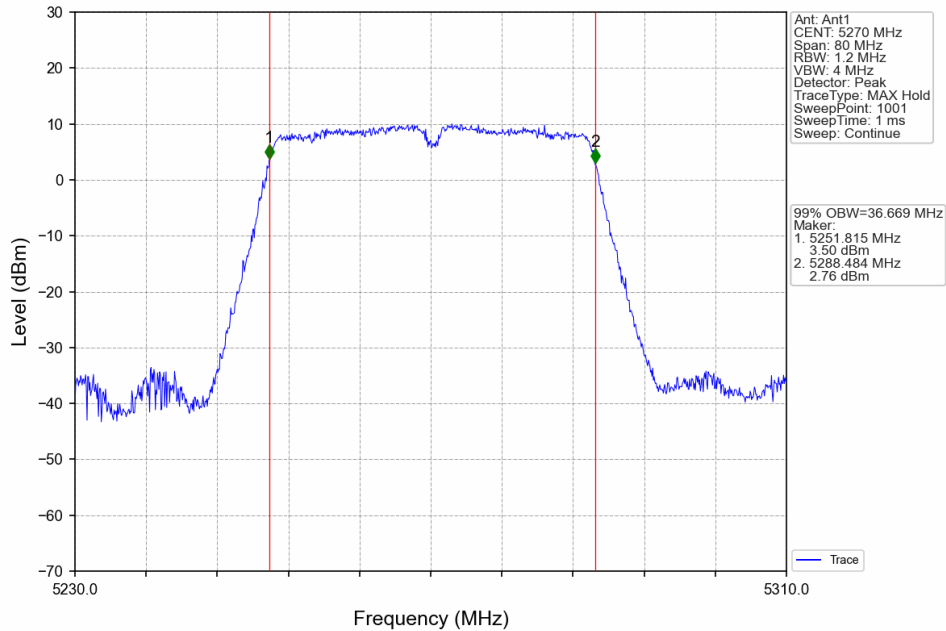
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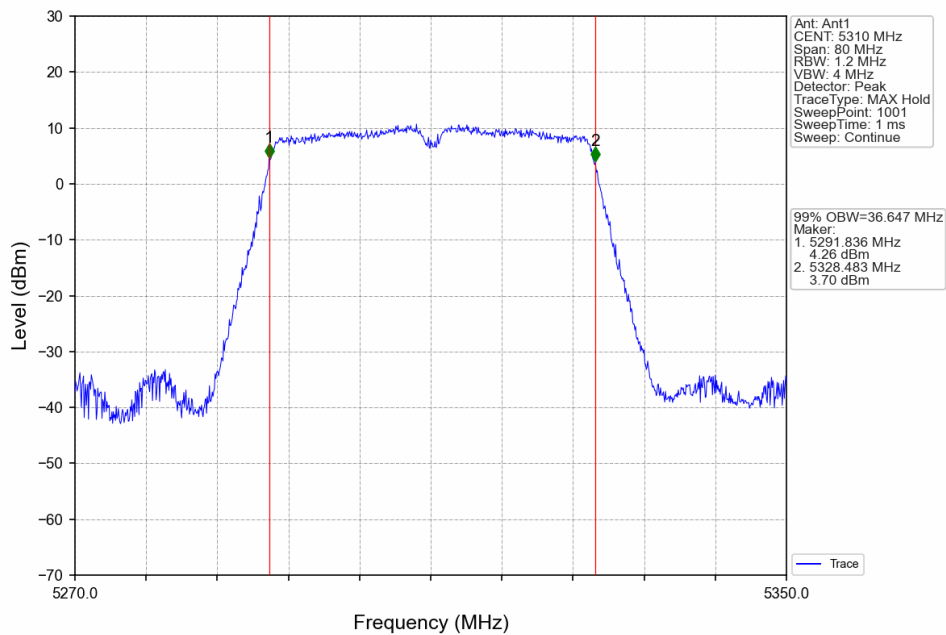
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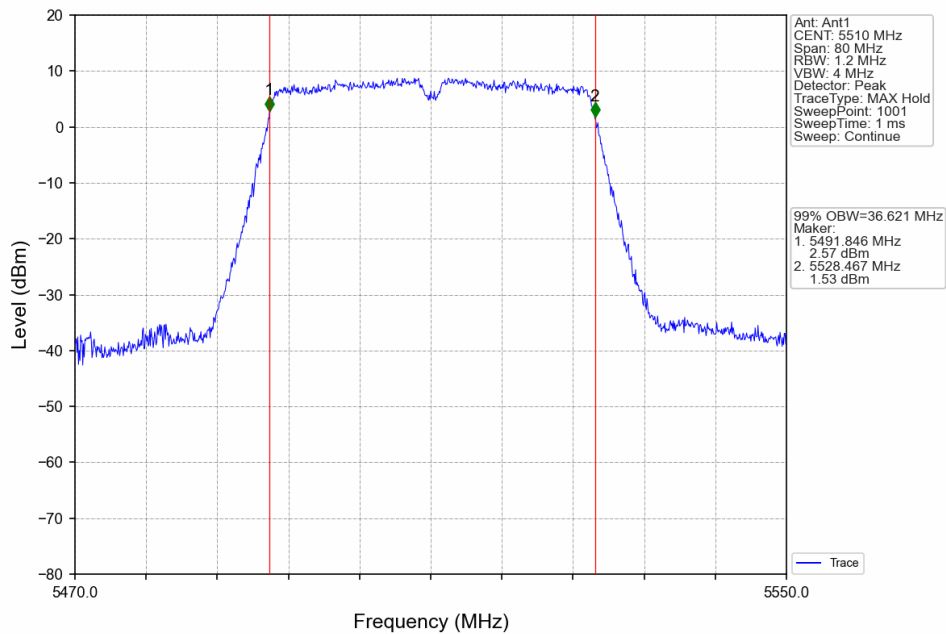
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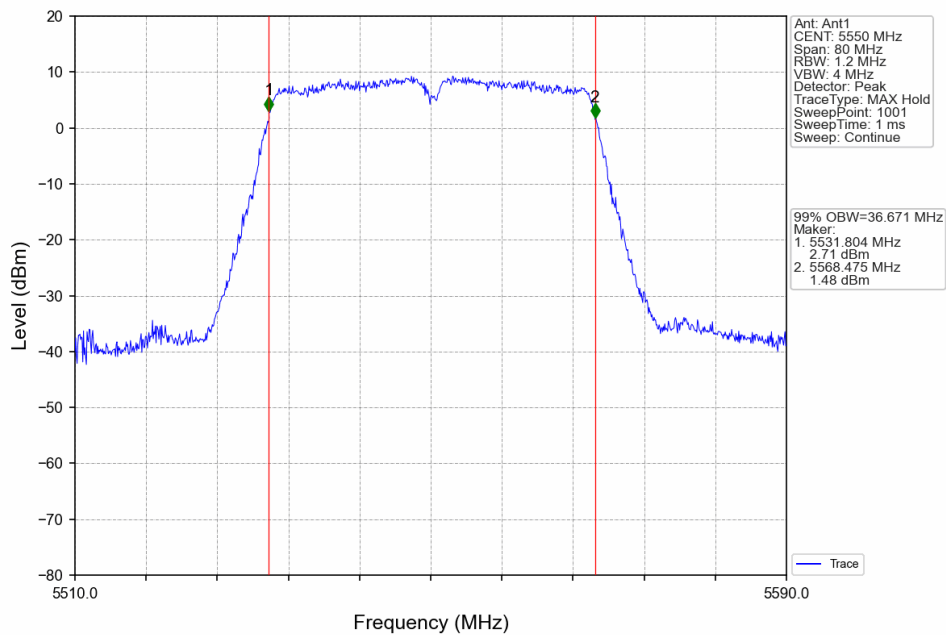
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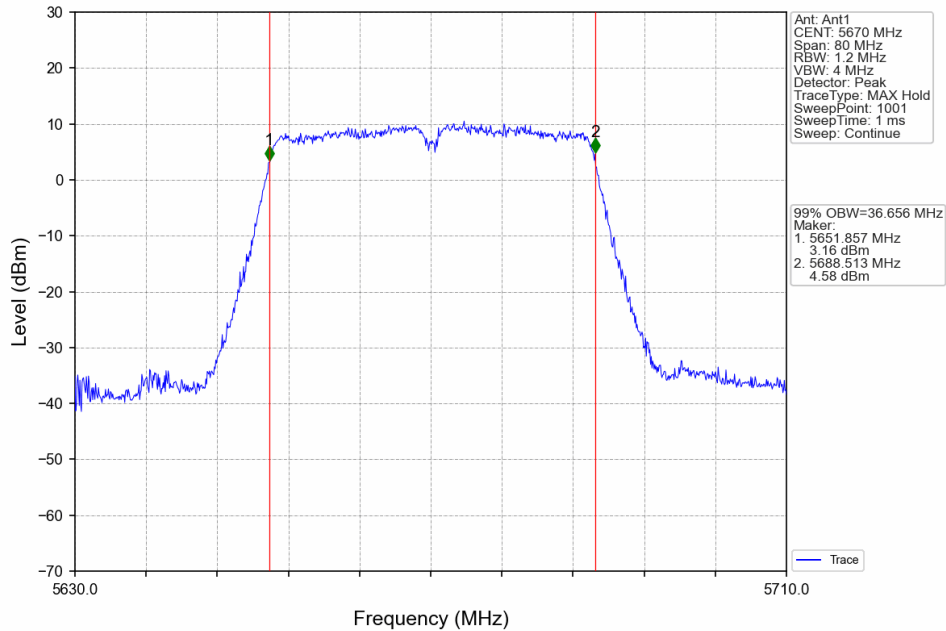
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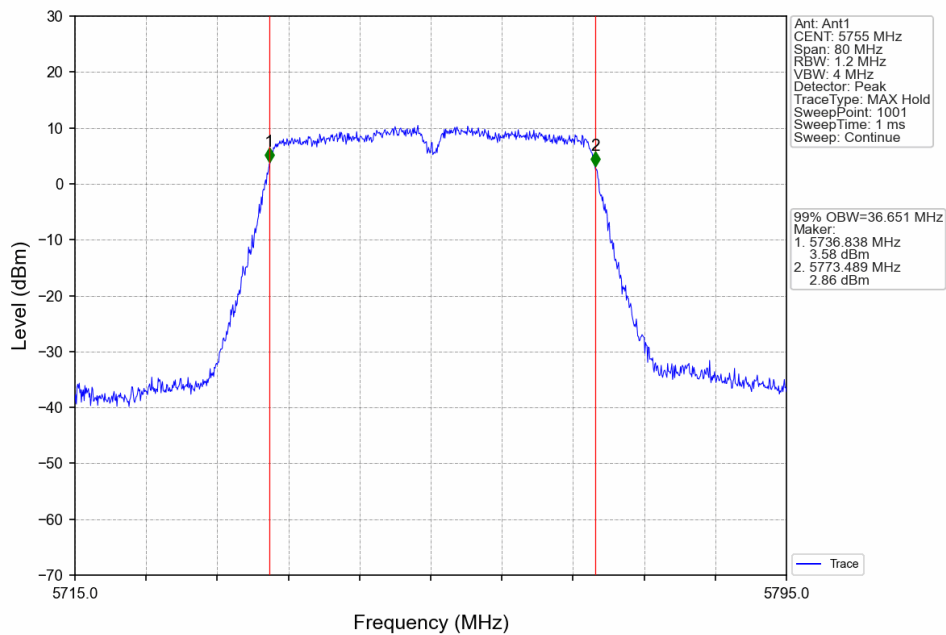
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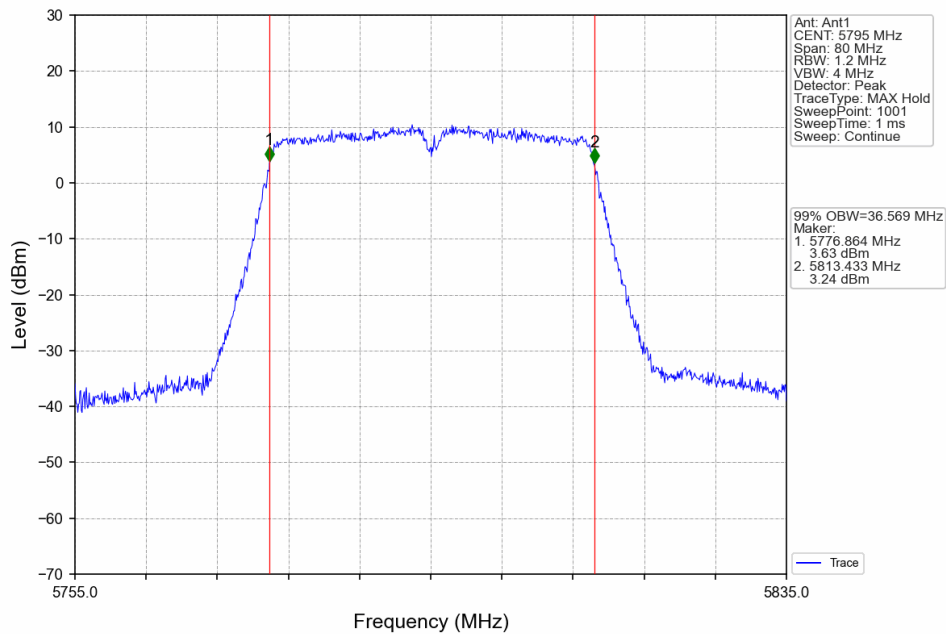
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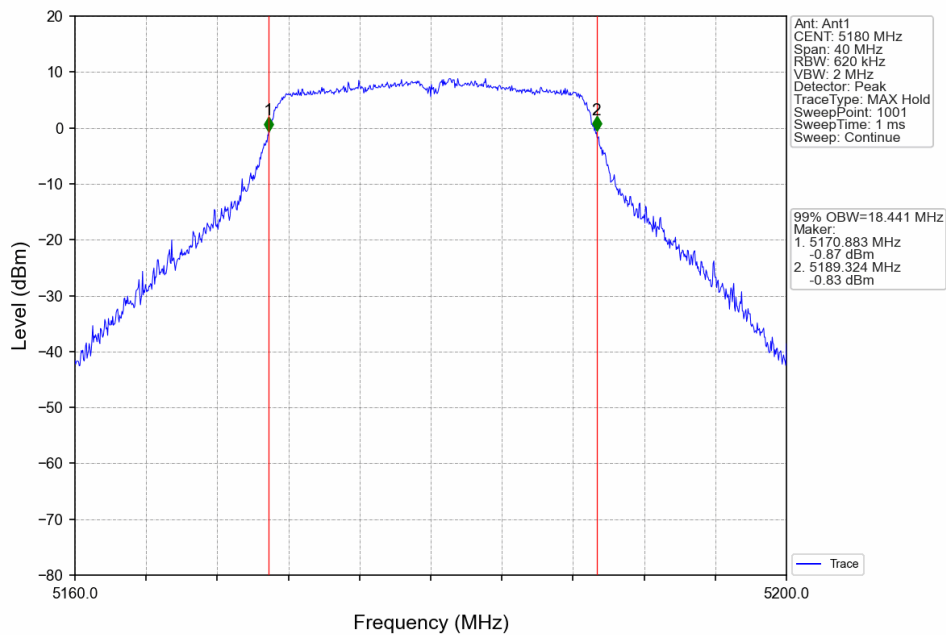
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



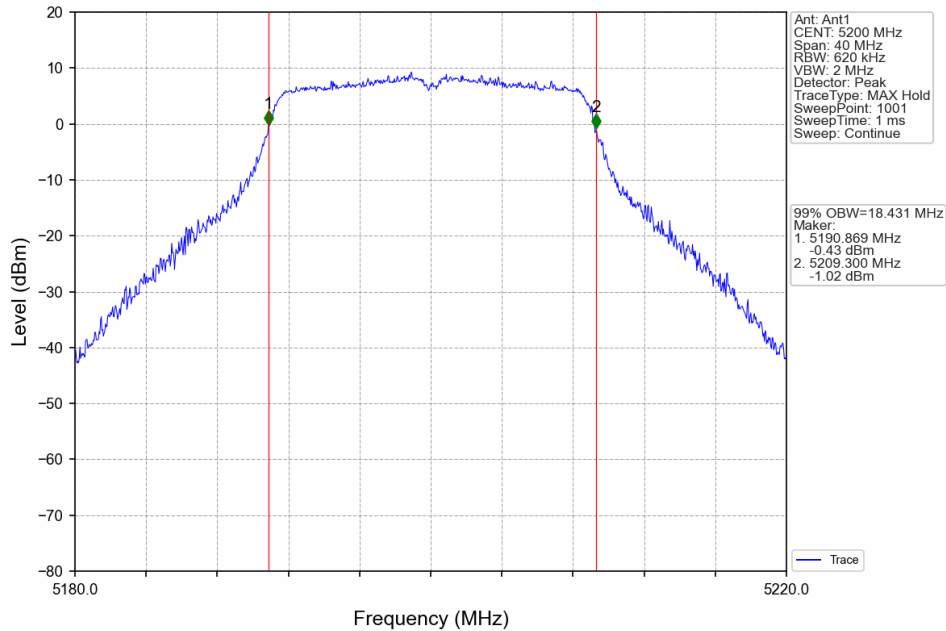
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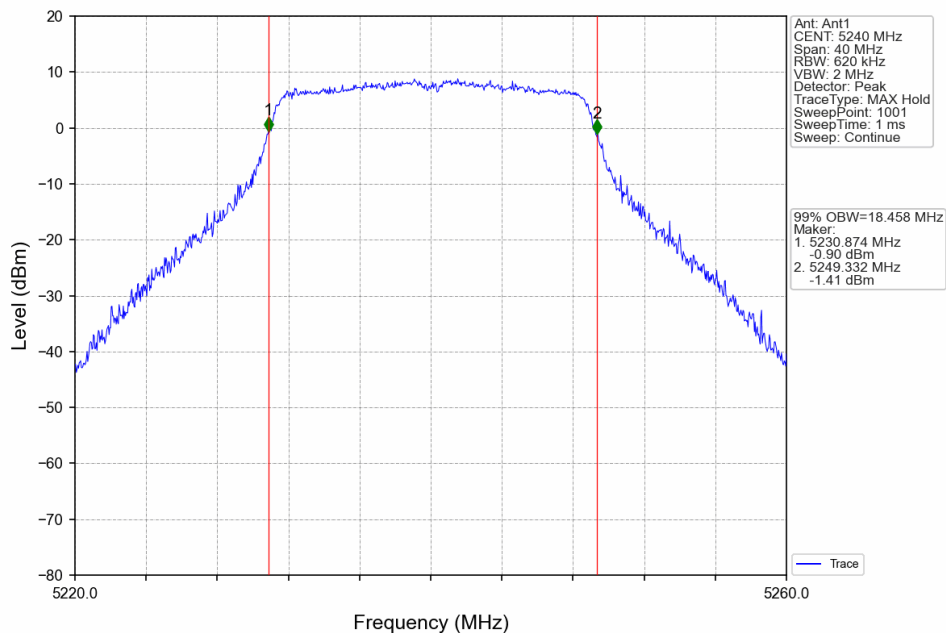
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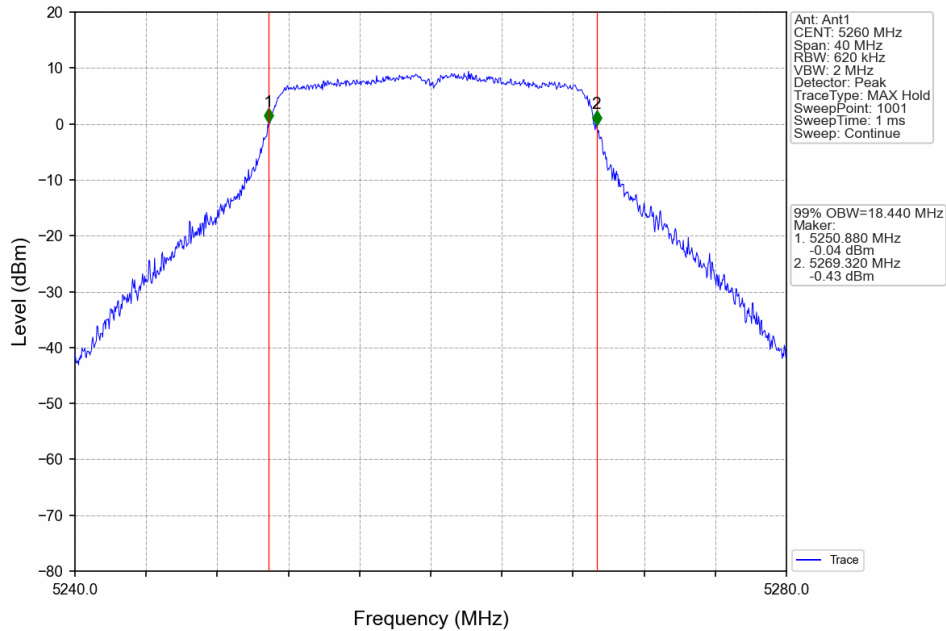
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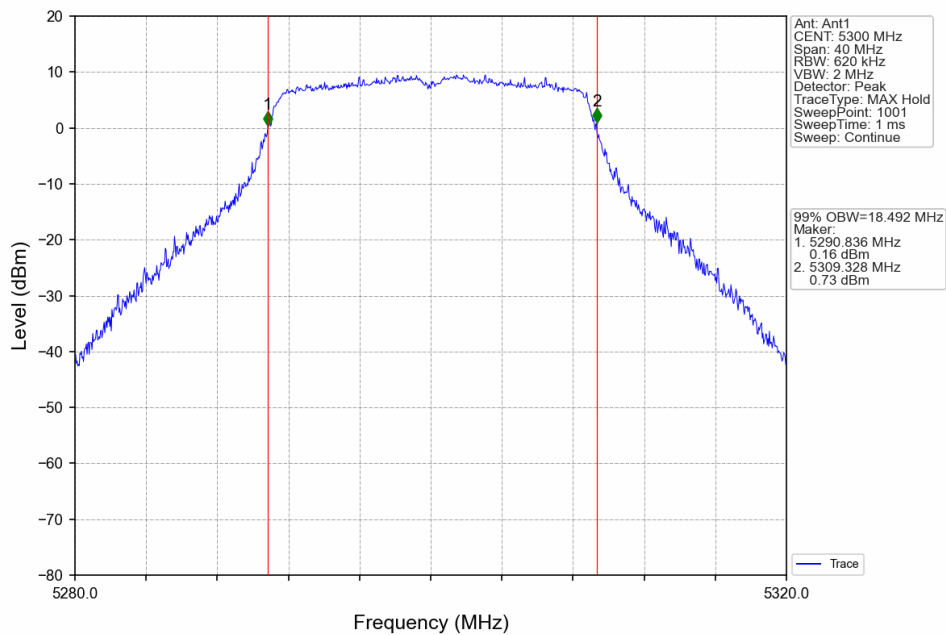
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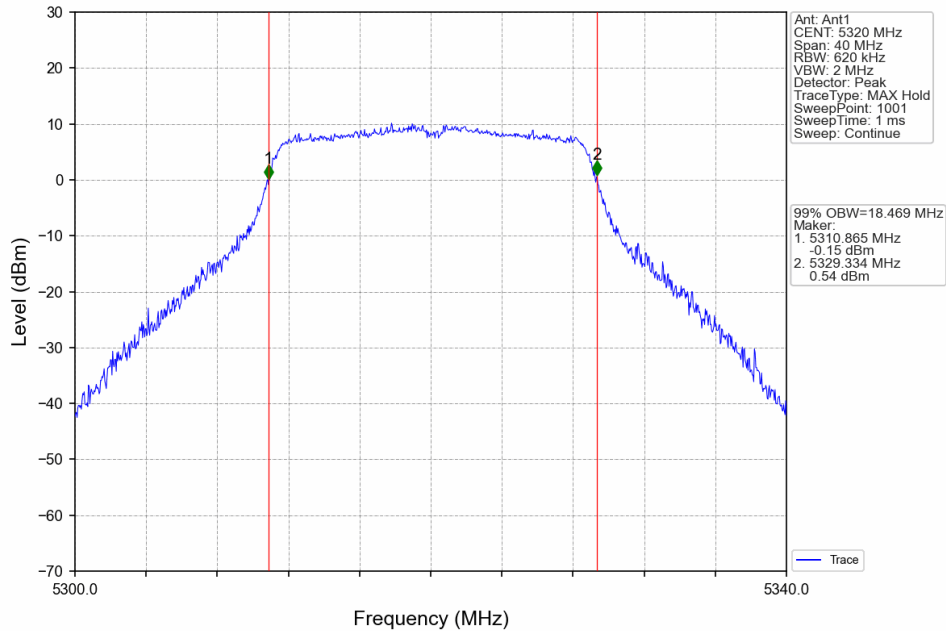
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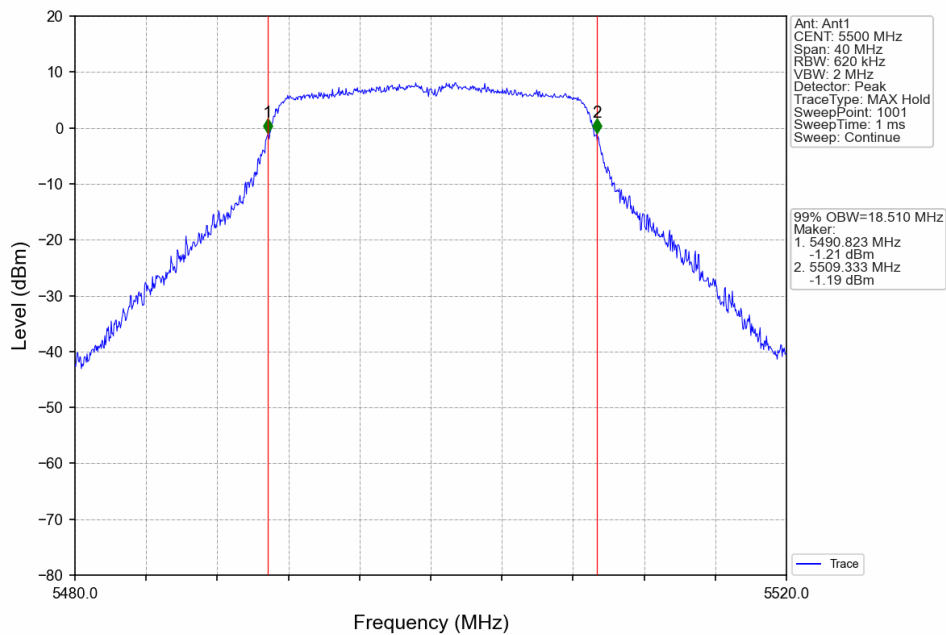
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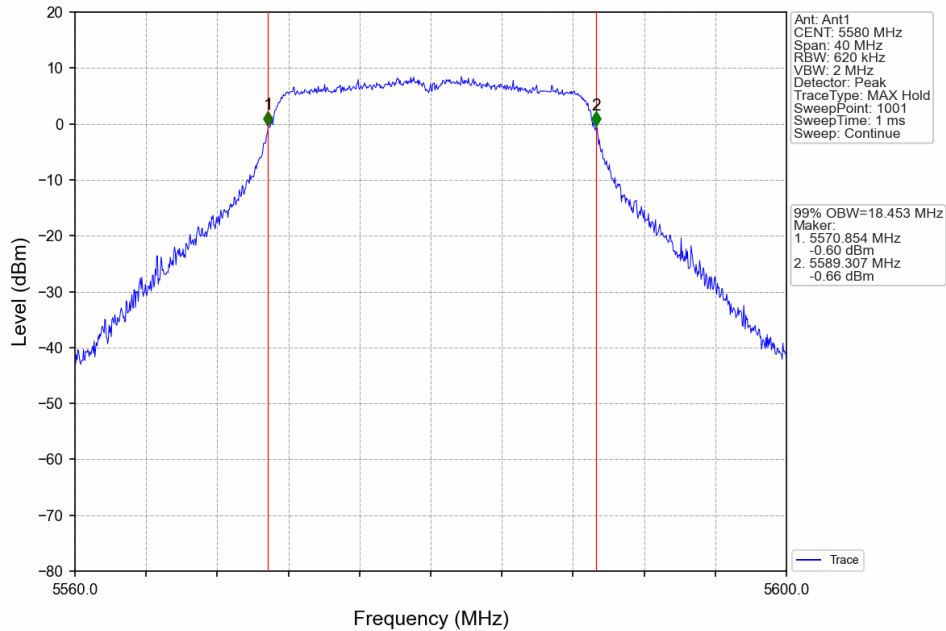
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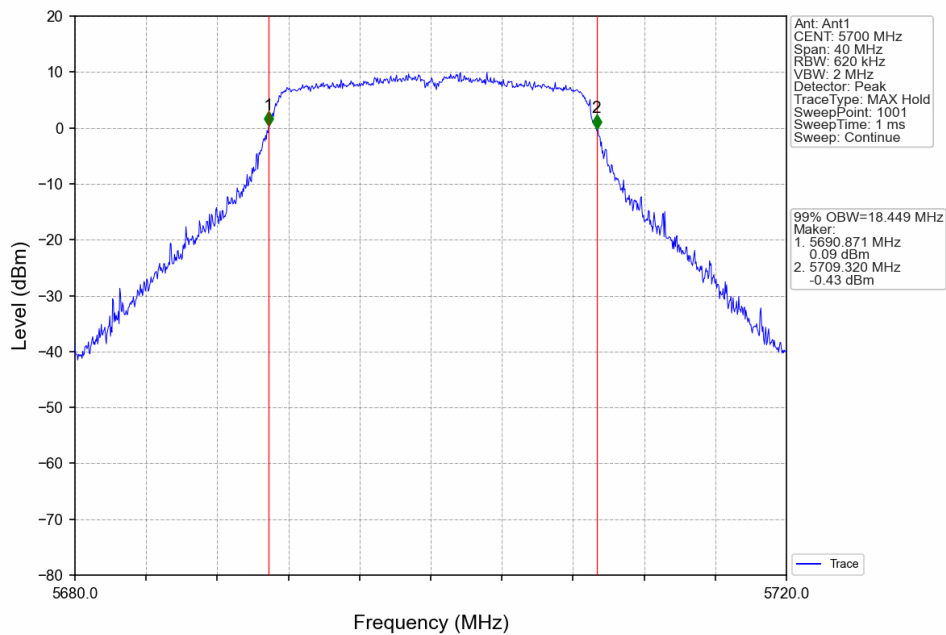
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



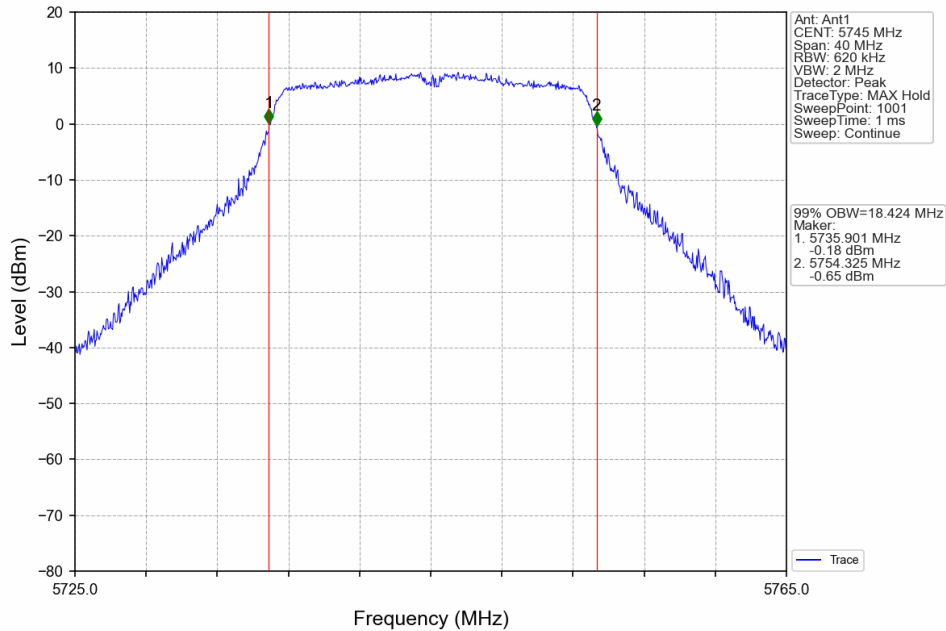
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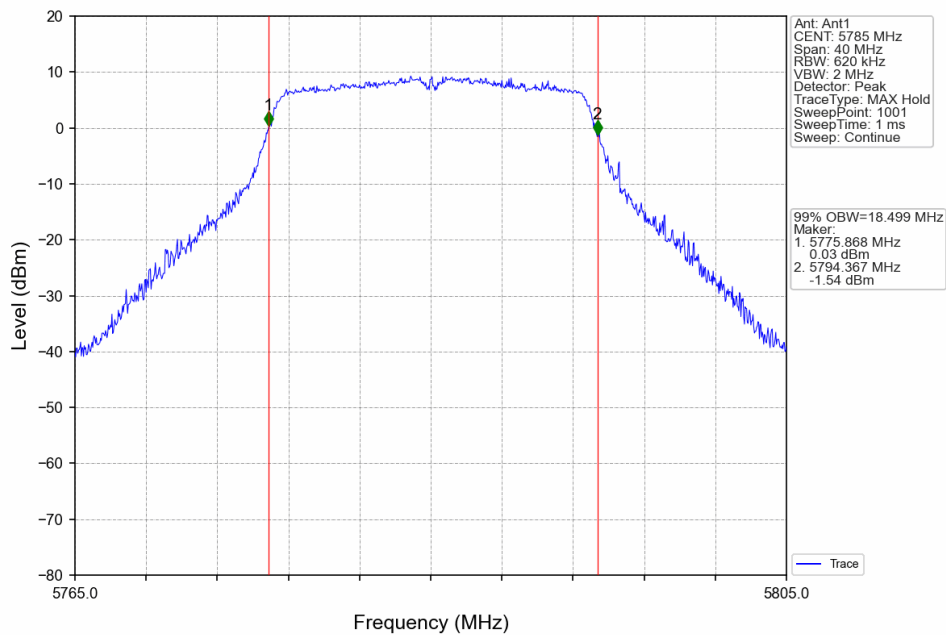
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



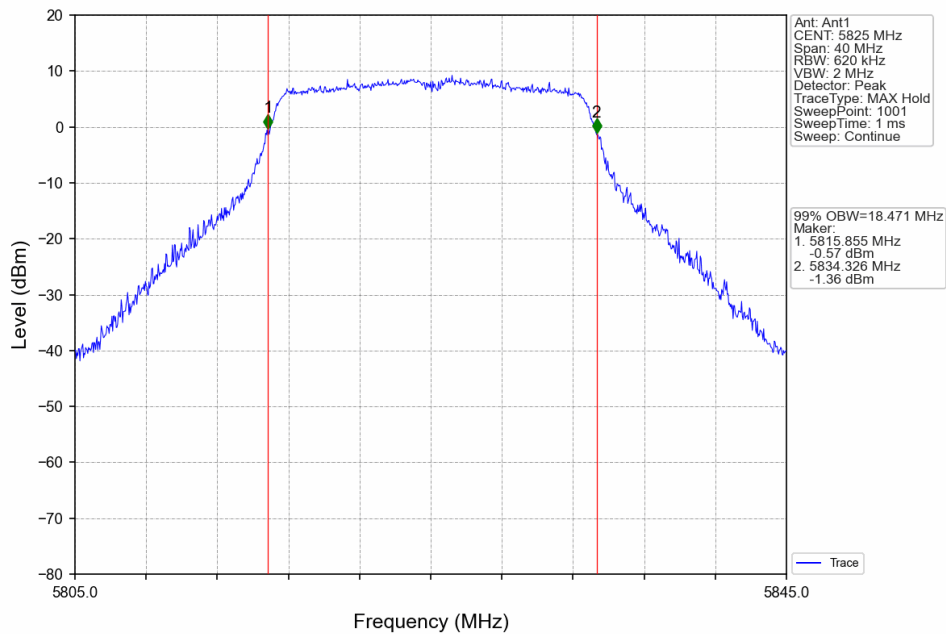
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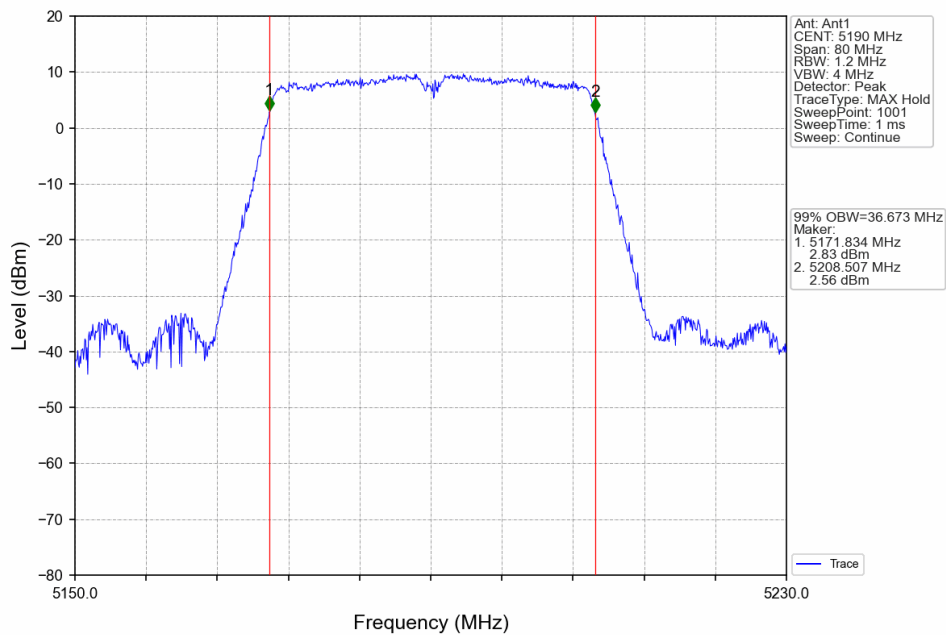
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



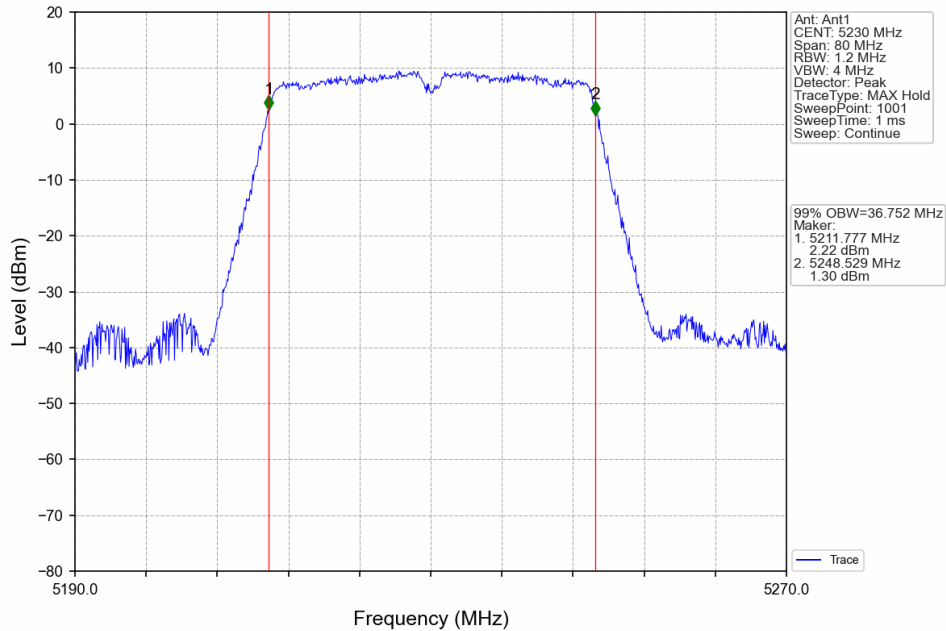
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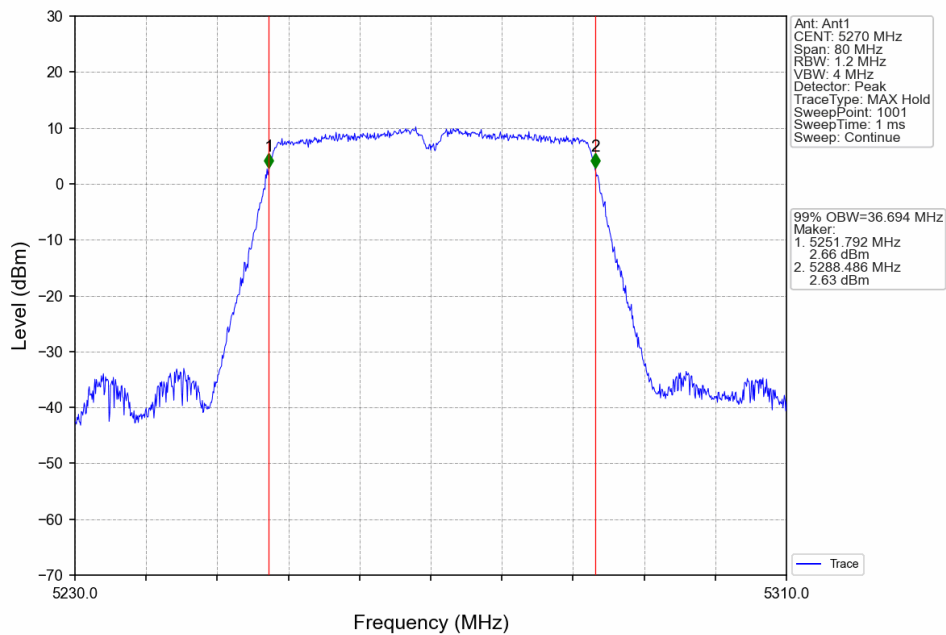
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



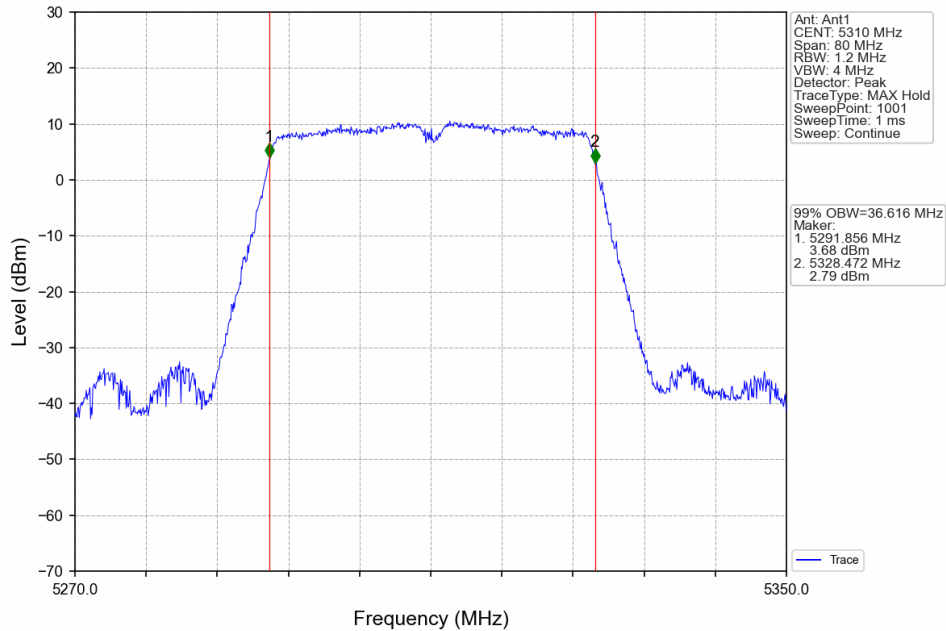
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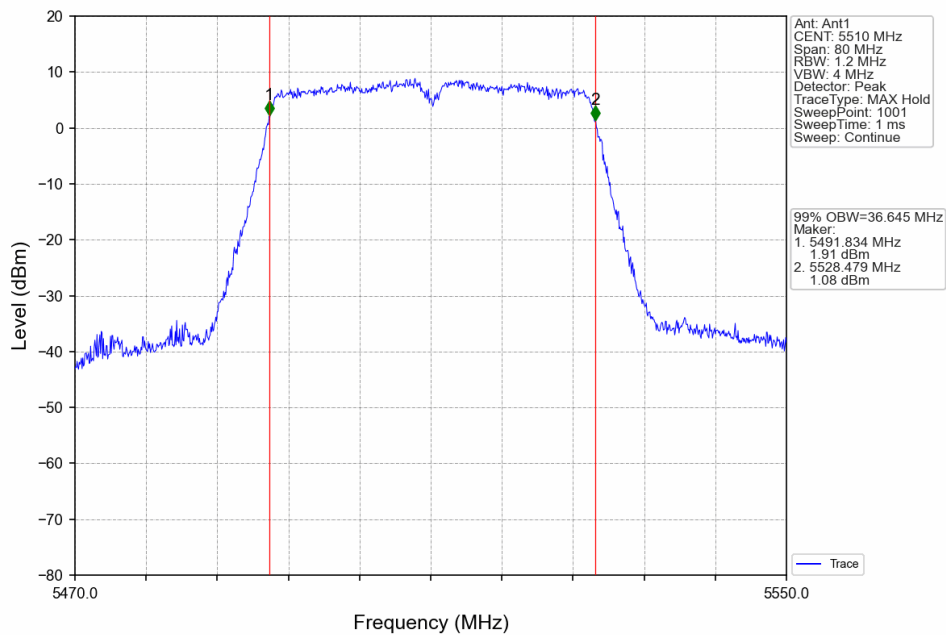
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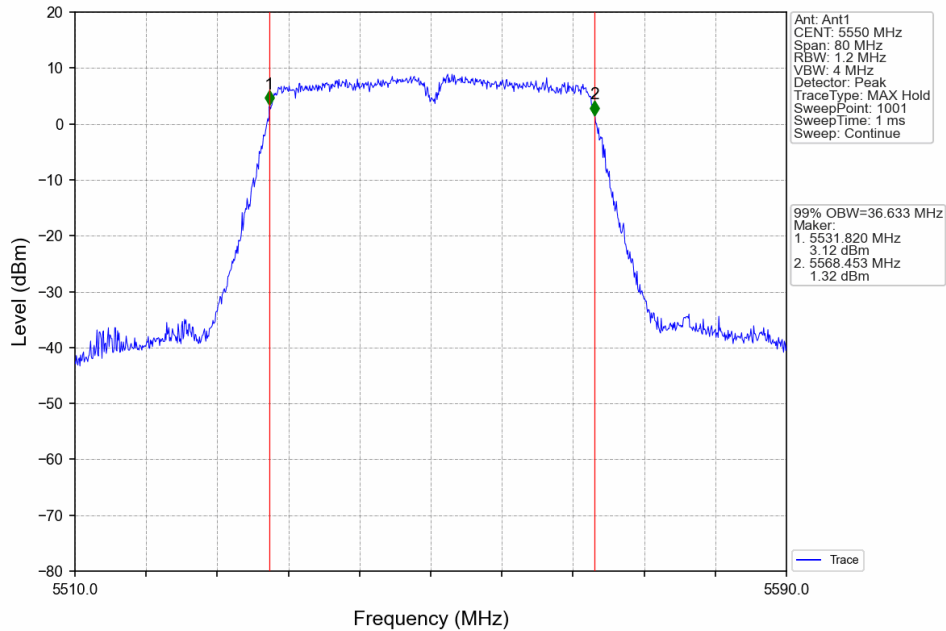
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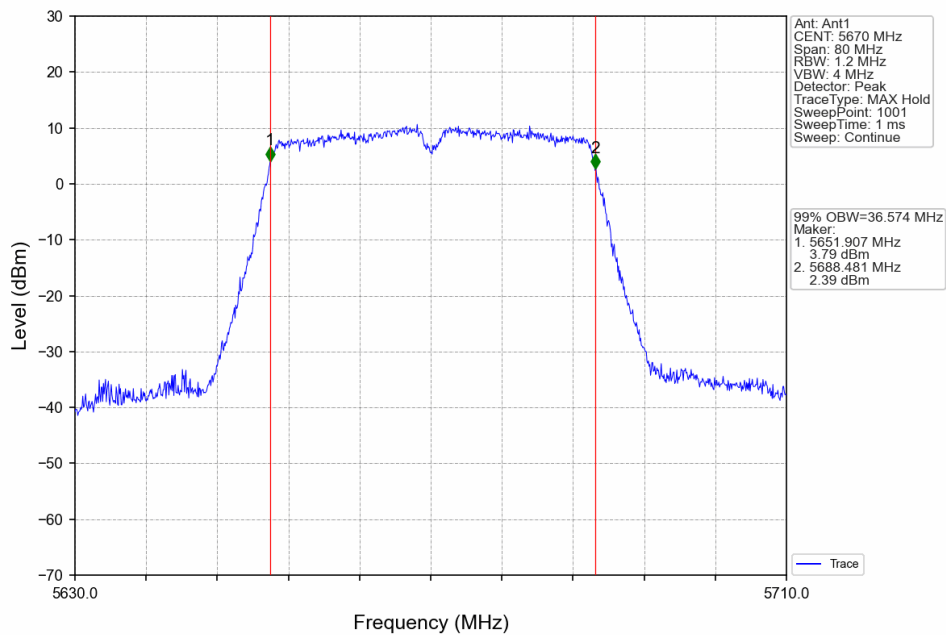
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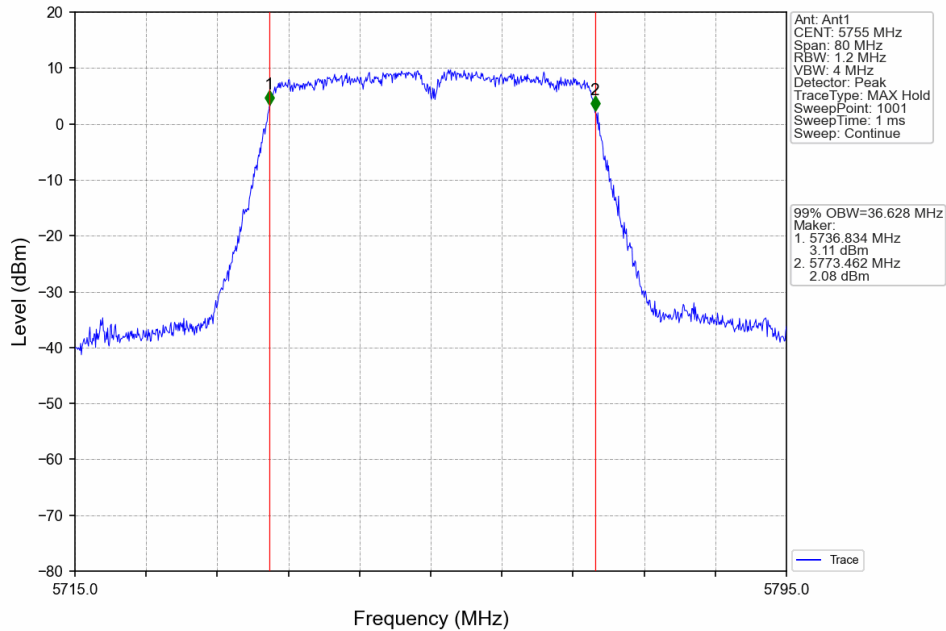
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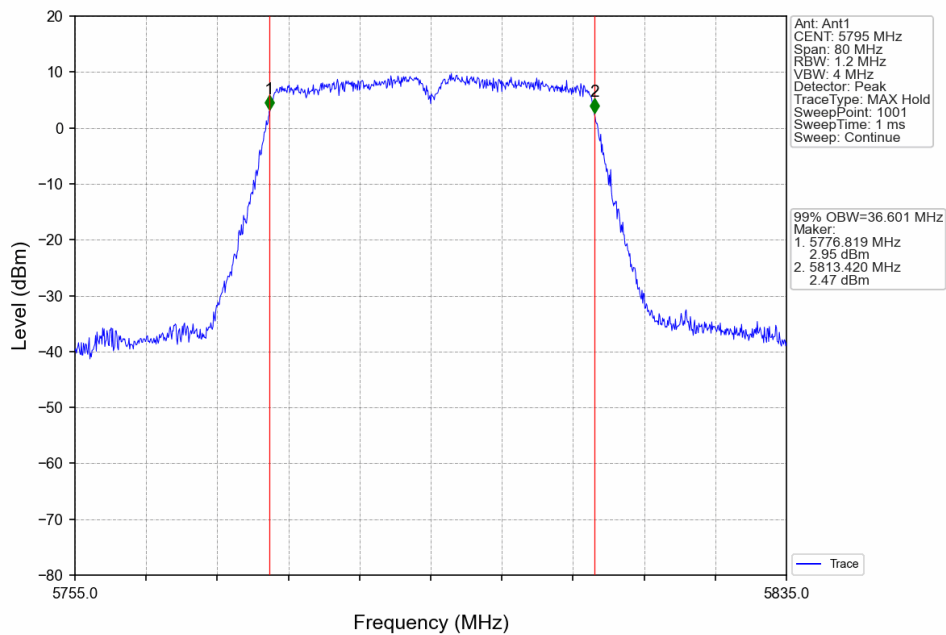
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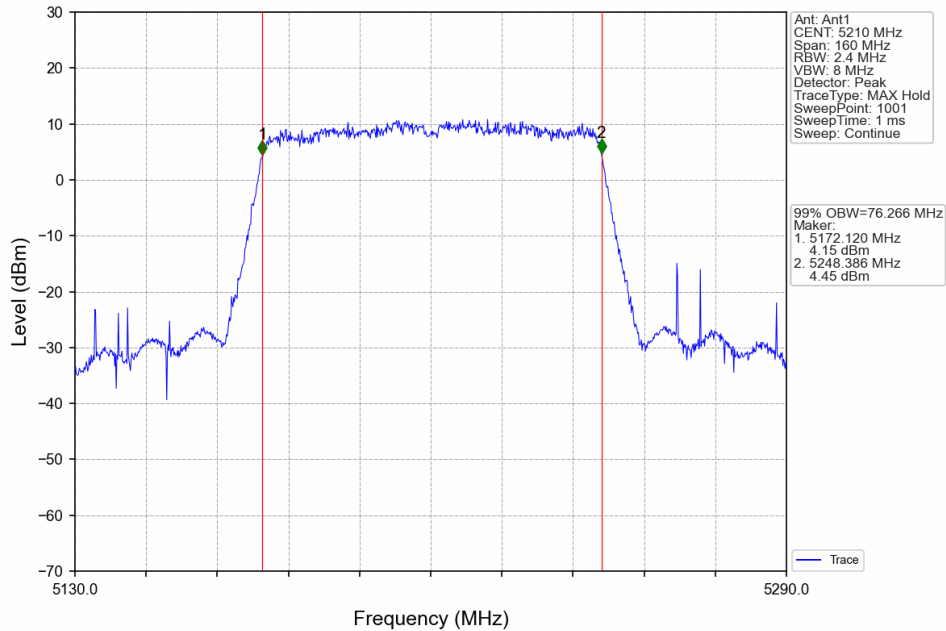
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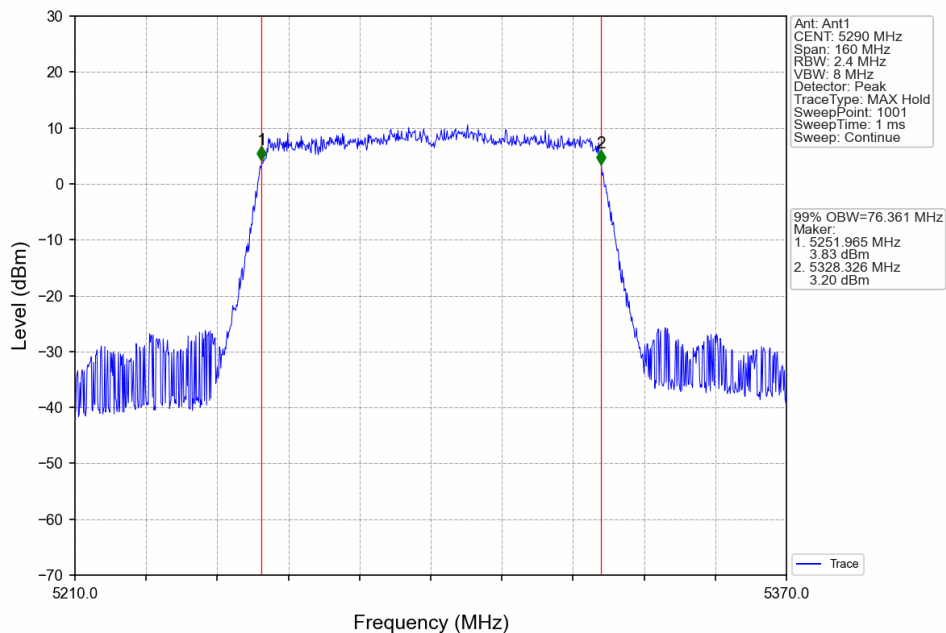
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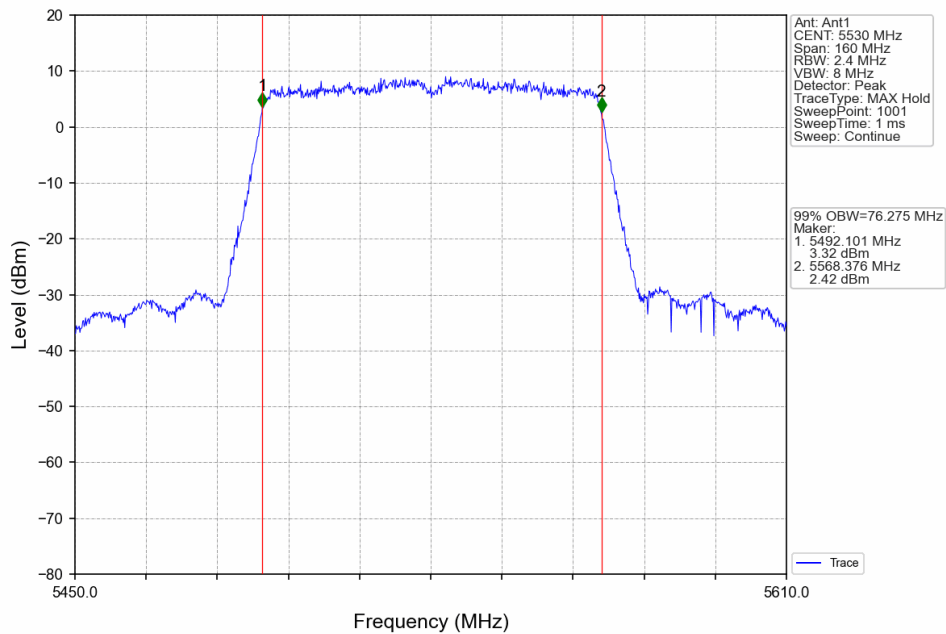
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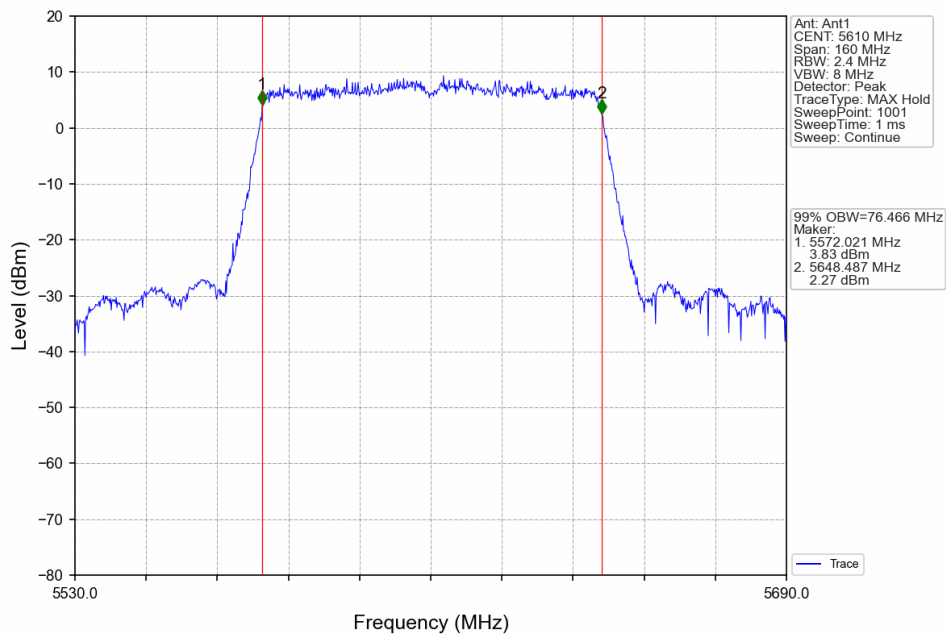
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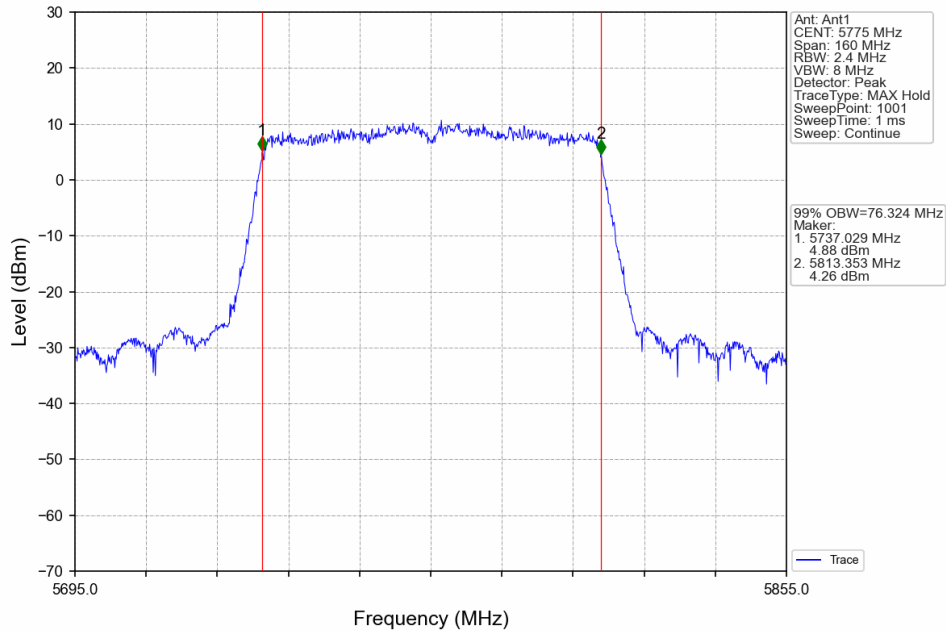
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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

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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	15.822	≥ 0.5	Pass
		5785	1	15.610	≥ 0.5	Pass
		5825	1	15.381	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.343	≥ 0.5	Pass
		5785	1	15.551	≥ 0.5	Pass
		5825	1	15.200	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.064	≥ 0.5	Pass
		5795	1	36.310	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.965	≥ 0.5	Pass
		5785	1	16.542	≥ 0.5	Pass
		5825	1	15.732	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.820	≥ 0.5	Pass
		5795	1	36.302	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.193	≥ 0.5	Pass



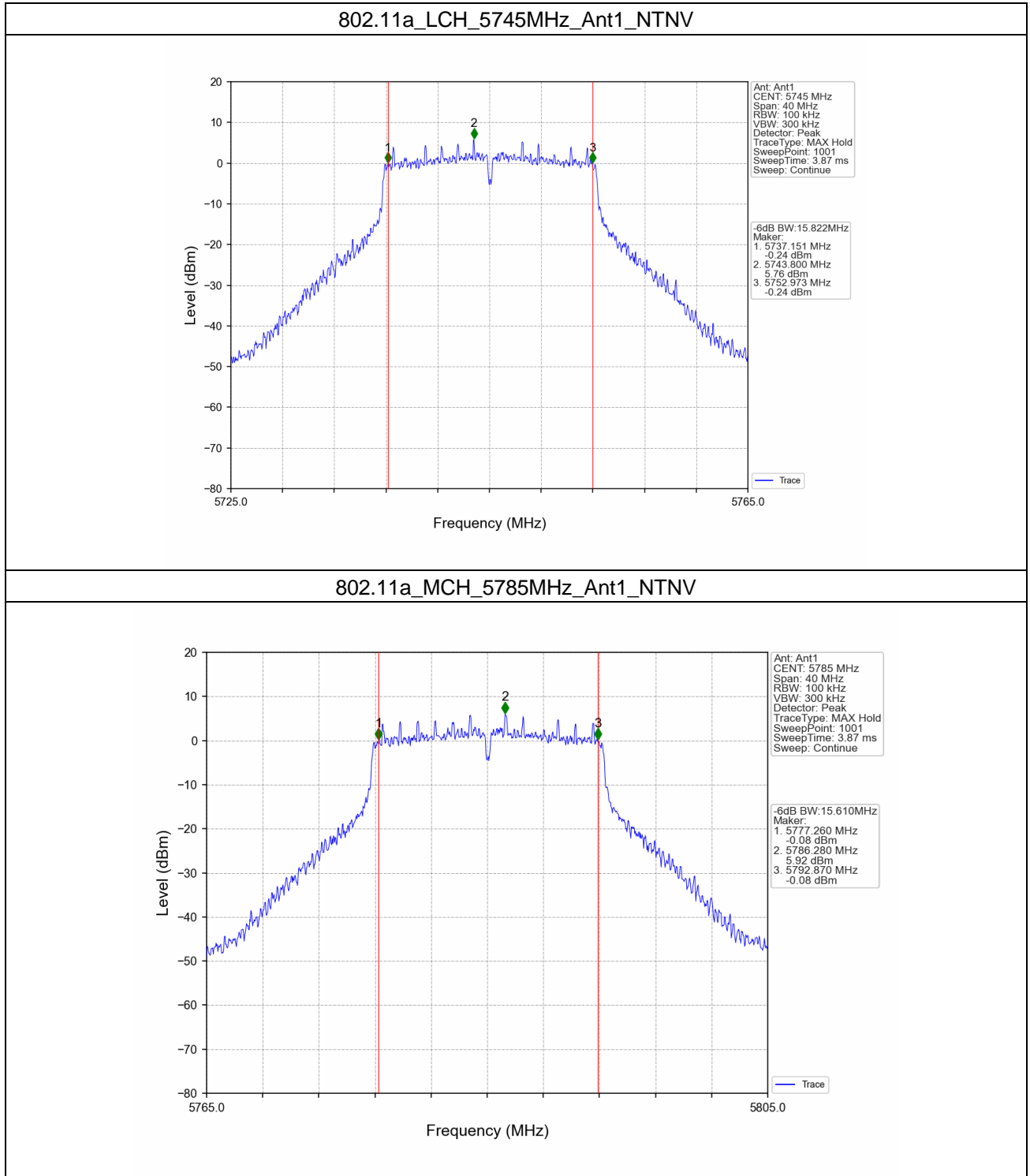
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2.2.2 Test Graph



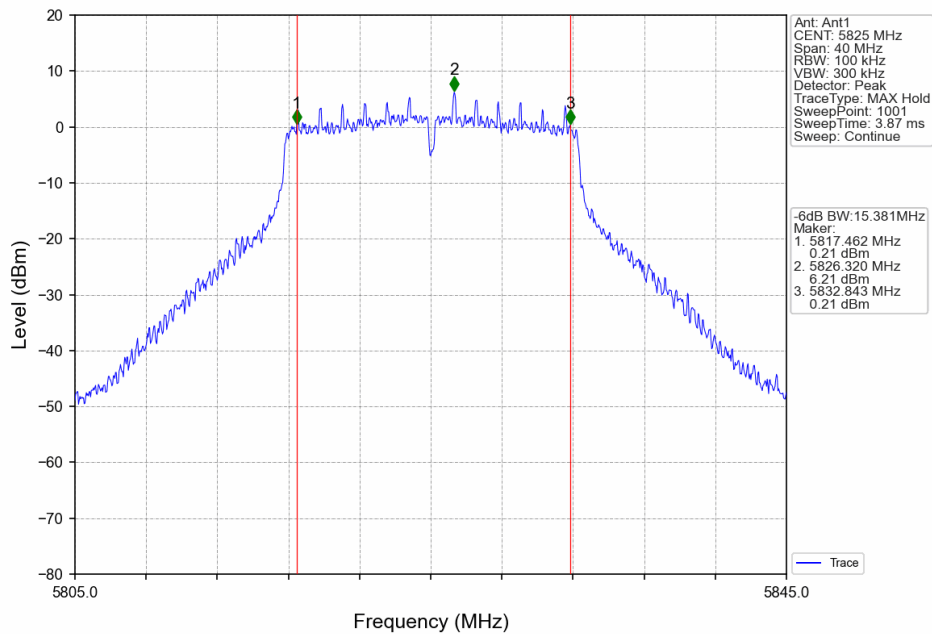
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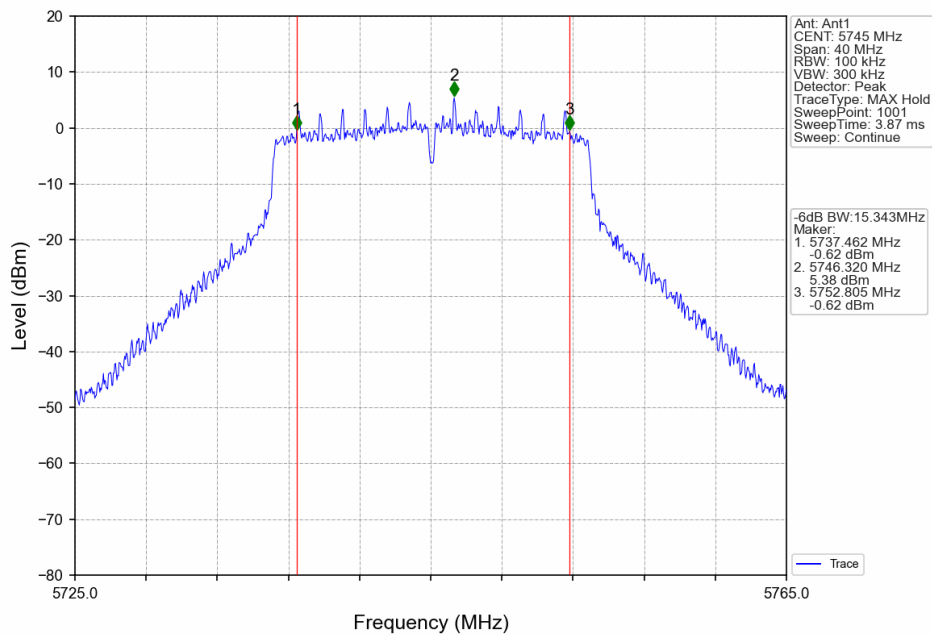
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



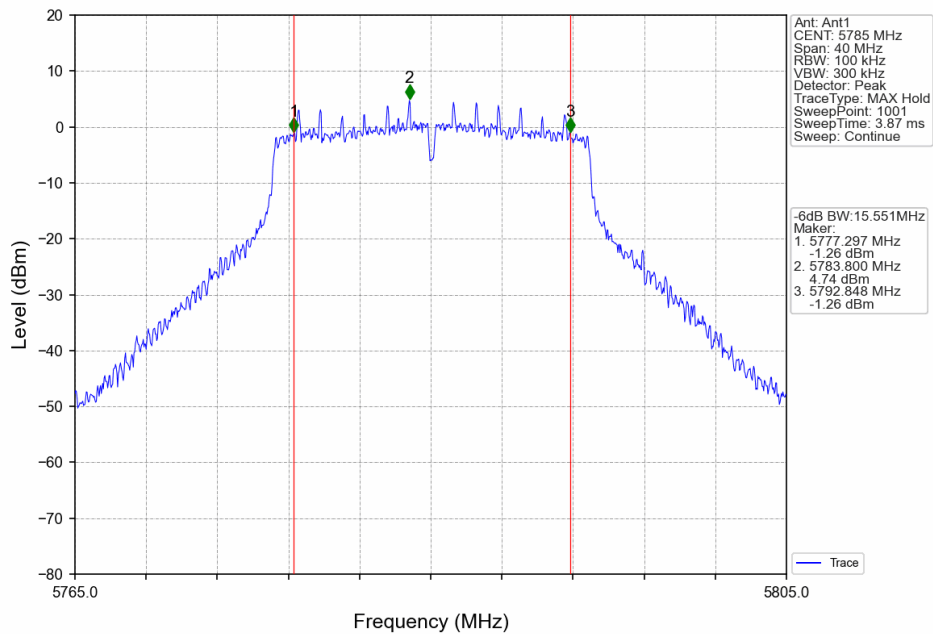
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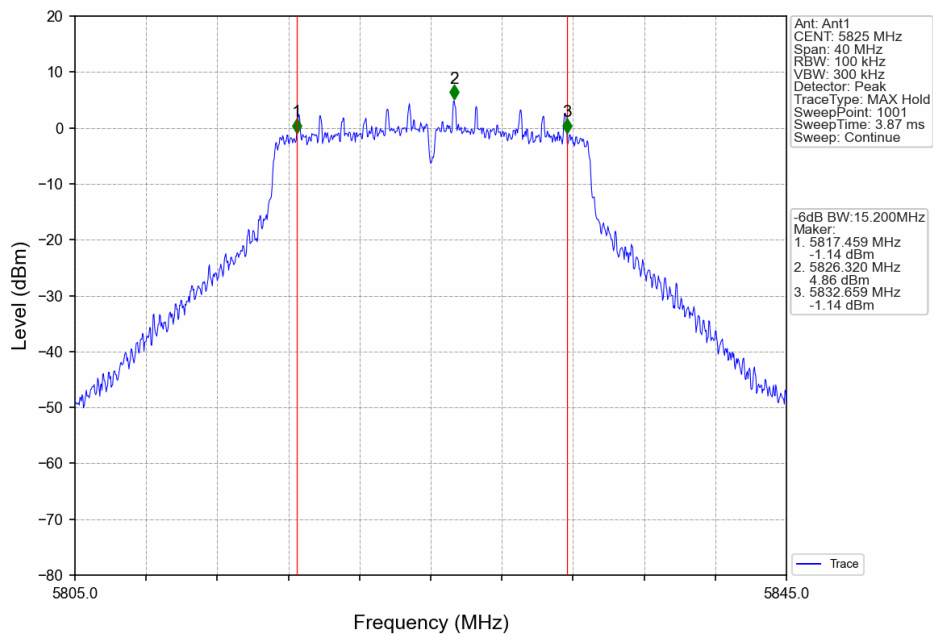
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



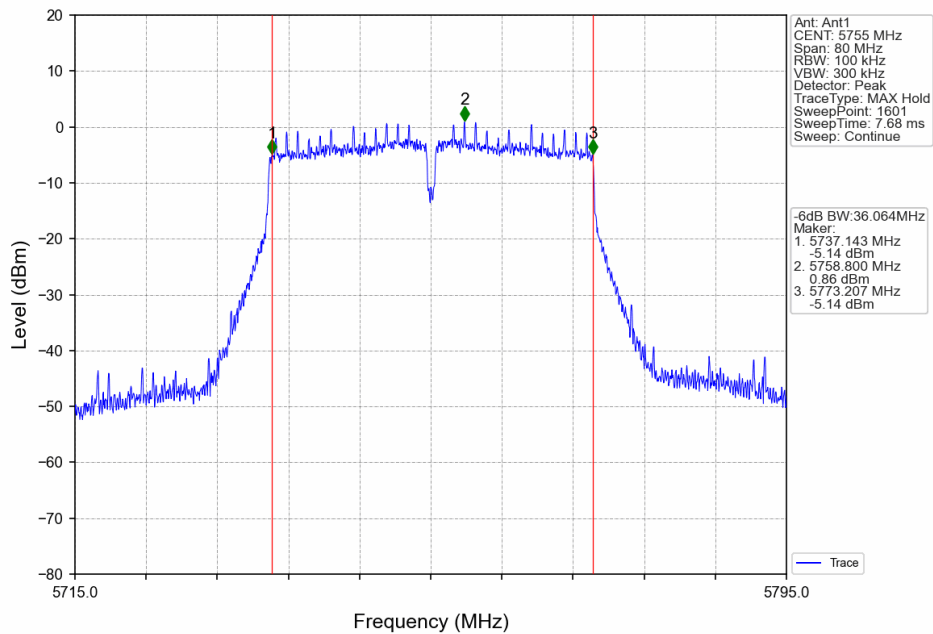
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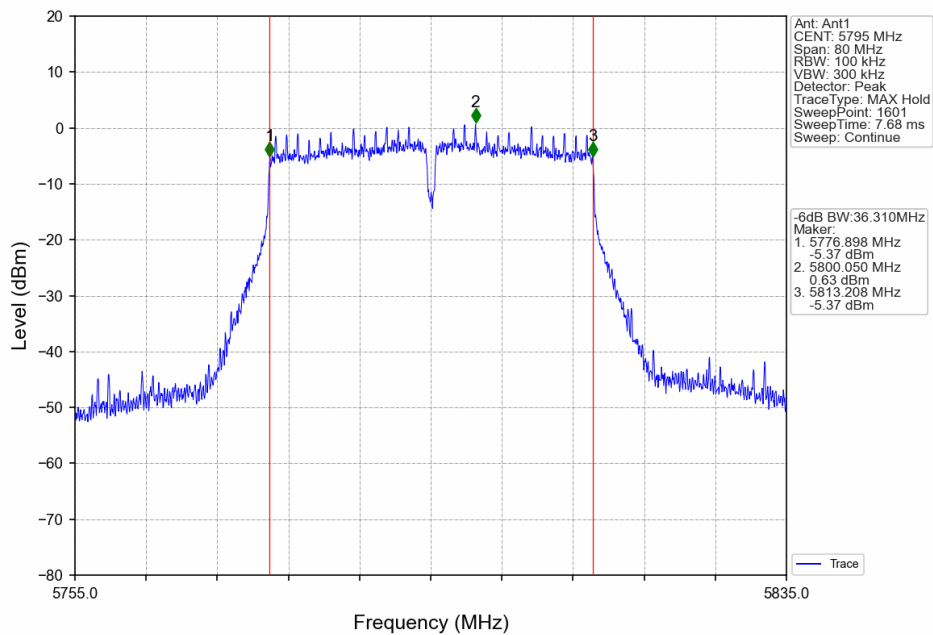
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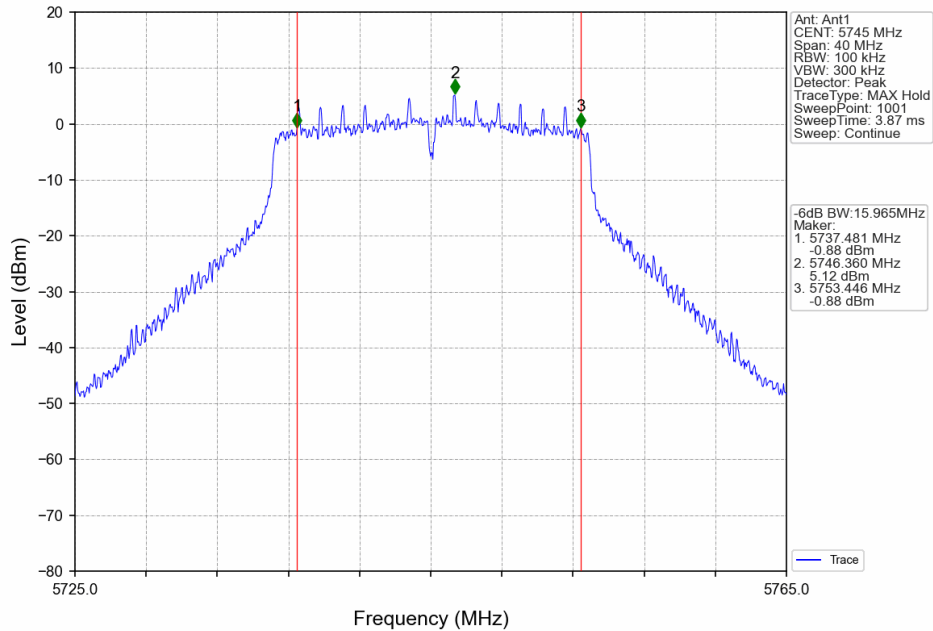
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



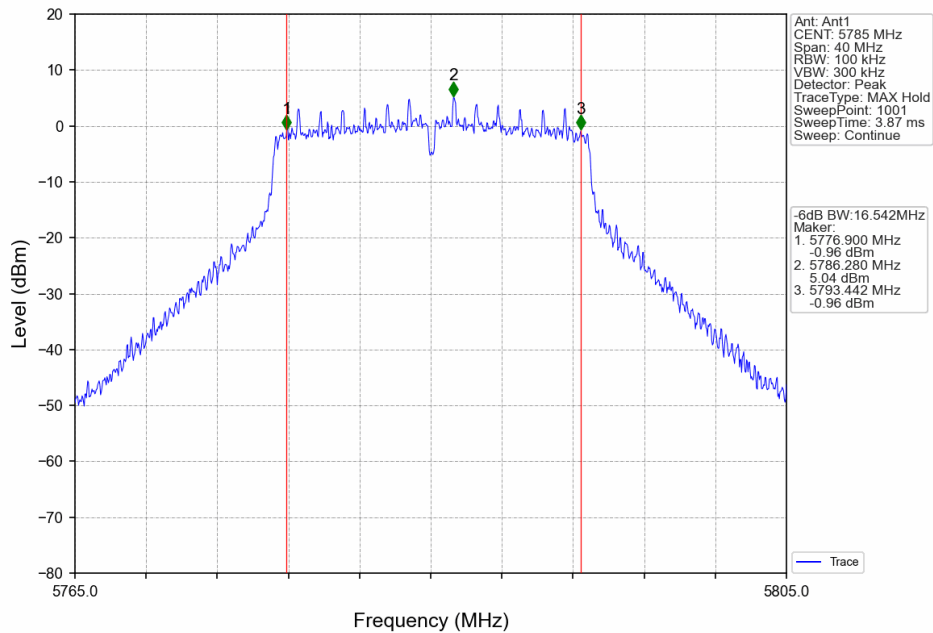
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



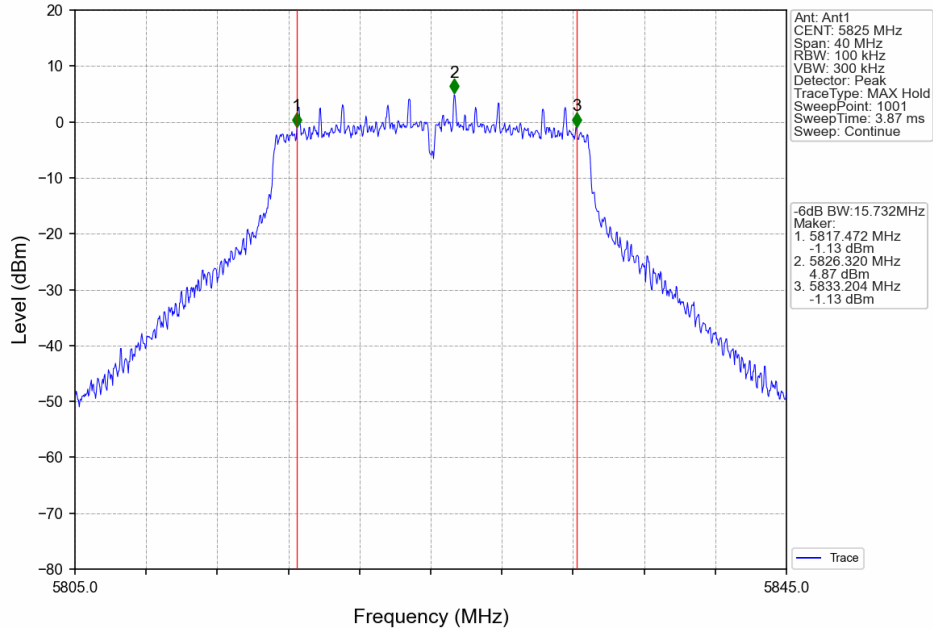
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



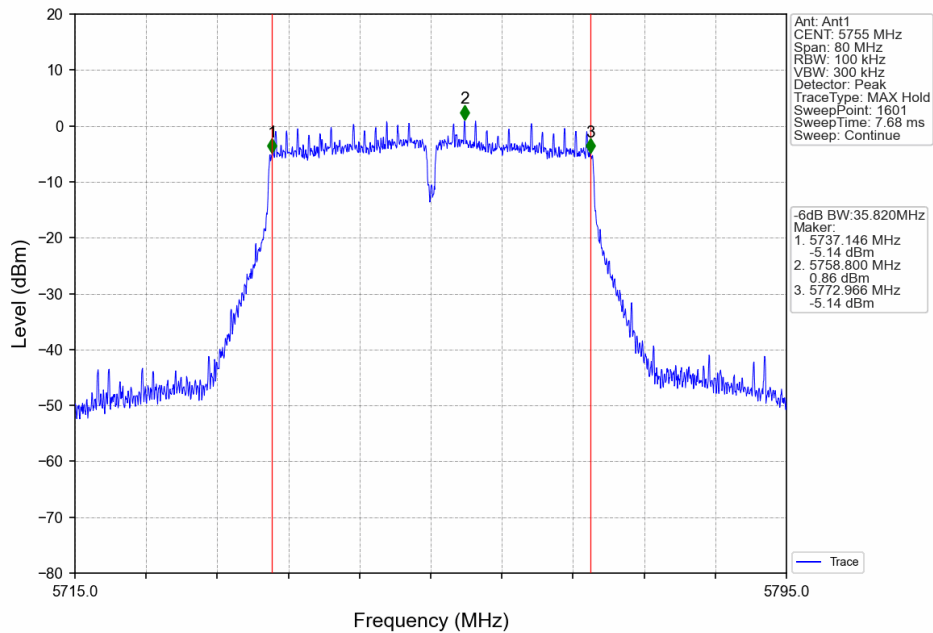
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



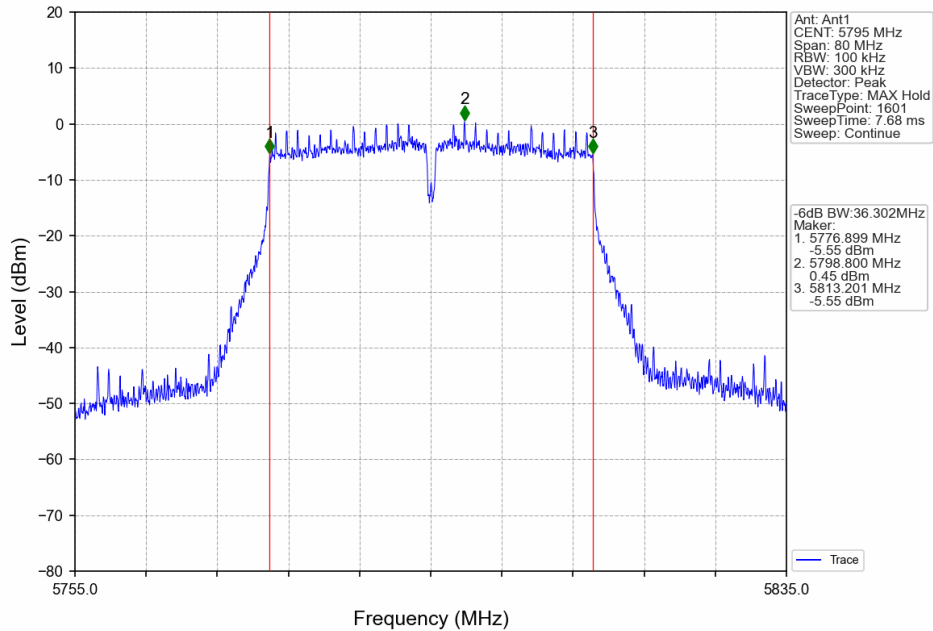
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



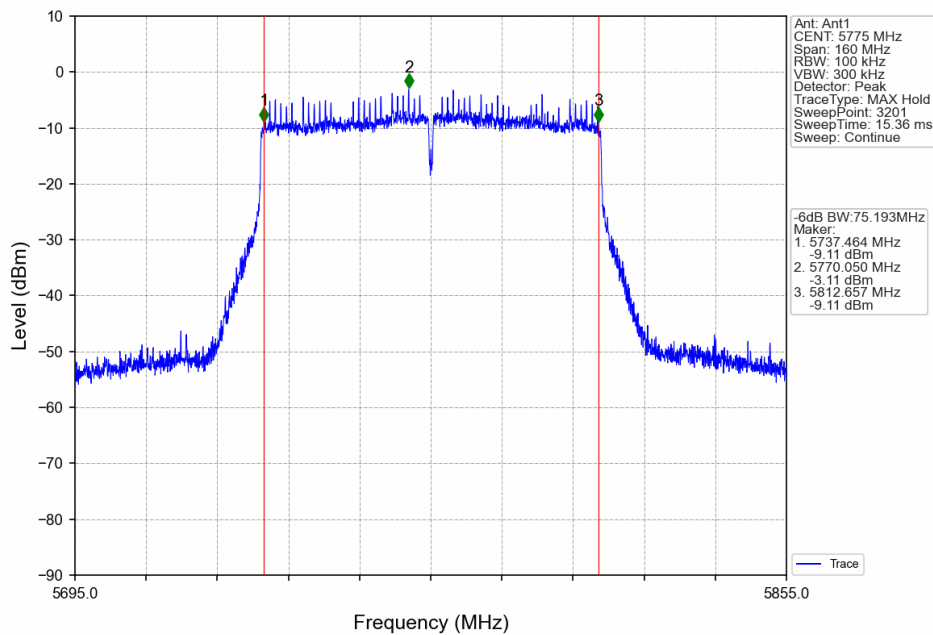
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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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	21.904	Pass
		5200	1	22.040	Pass
		5240	1	22.189	Pass
		5260	1	21.991	Pass
		5300	1	22.214	Pass
		5320	1	21.902	Pass
		5500	1	22.110	Pass
		5580	1	21.965	Pass
		5700	1	21.609	Pass
802.11n (HT20)	SISO	5180	1	22.983	Pass
		5200	1	22.906	Pass
		5240	1	23.700	Pass
		5260	1	22.434	Pass
		5300	1	23.788	Pass
		5320	1	23.379	Pass
		5500	1	22.729	Pass
		5580	1	22.904	Pass
802.11n (HT40)	SISO	5190	1	41.192	Pass
		5230	1	41.105	Pass
		5270	1	42.144	Pass
		5310	1	41.556	Pass
		5510	1	41.846	Pass
		5550	1	40.890	Pass
		5670	1	41.403	Pass
802.11ac (VHT20)	SISO	5180	1	23.134	Pass
		5200	1	23.843	Pass
		5240	1	23.503	Pass
		5260	1	23.026	Pass
		5300	1	22.672	Pass
		5320	1	23.497	Pass
		5500	1	23.144	Pass
		5580	1	22.850	Pass



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		5700	1	23.143	Pass
802.11ac (VHT40)	SISO	5190	1	41.611	Pass
		5230	1	41.247	Pass
		5270	1	41.682	Pass
		5310	1	41.498	Pass
		5510	1	41.618	Pass
		5550	1	41.159	Pass
		5670	1	41.391	Pass
802.11ac (VHT80)	SISO	5210	1	83.757	Pass
		5290	1	83.807	Pass
		5530	1	83.660	Pass
		5610	1	84.001	Pass



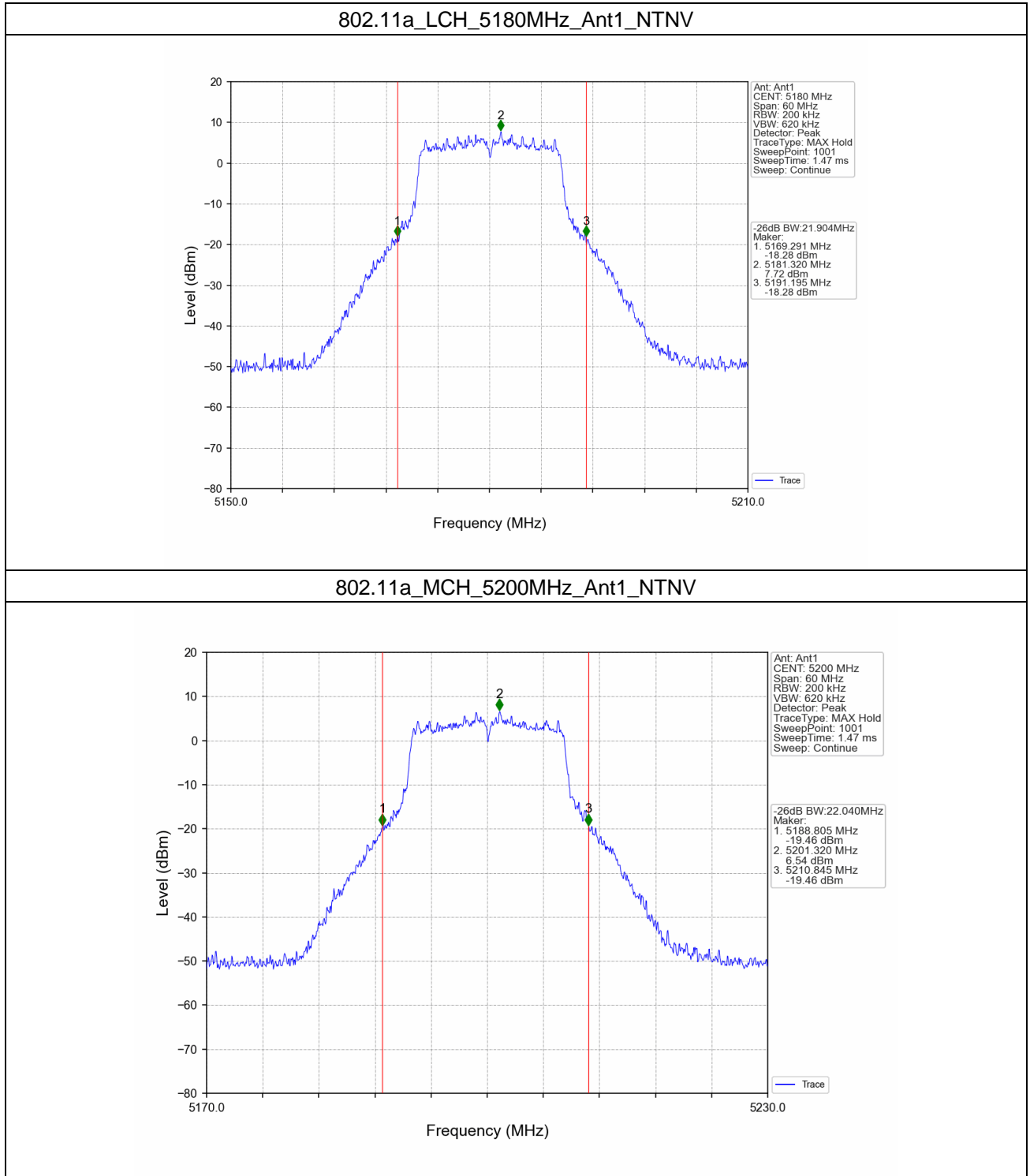
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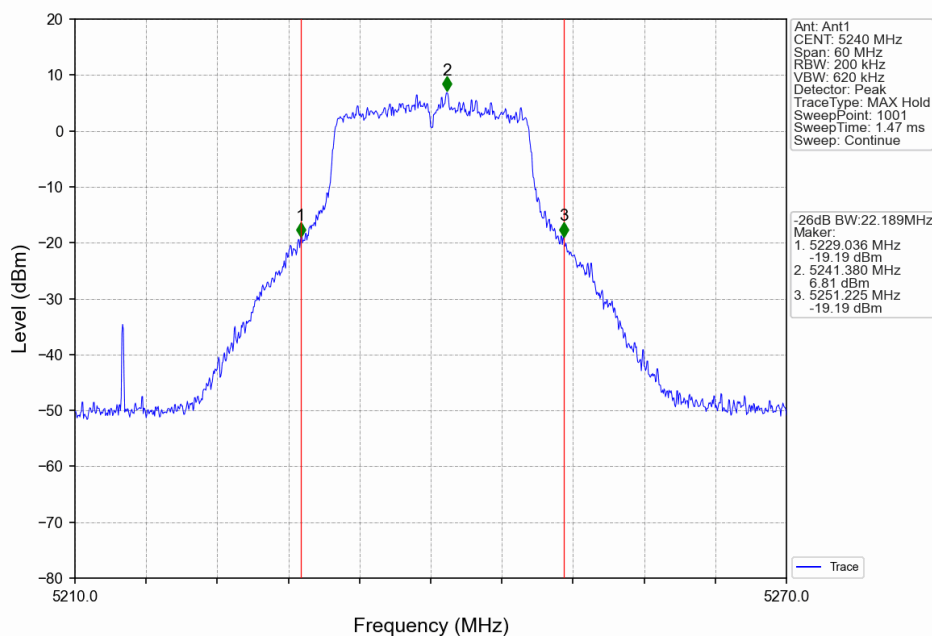
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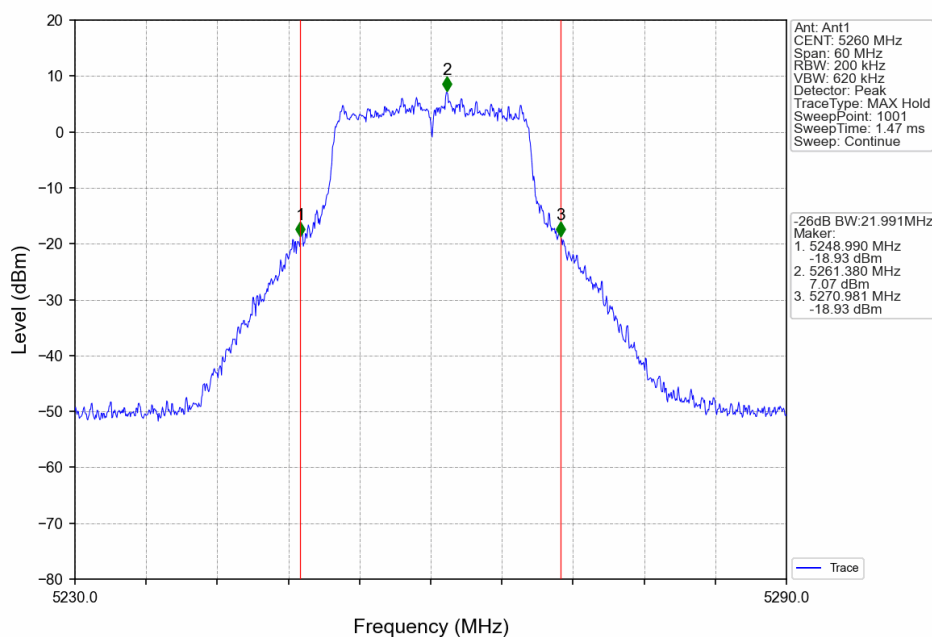
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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