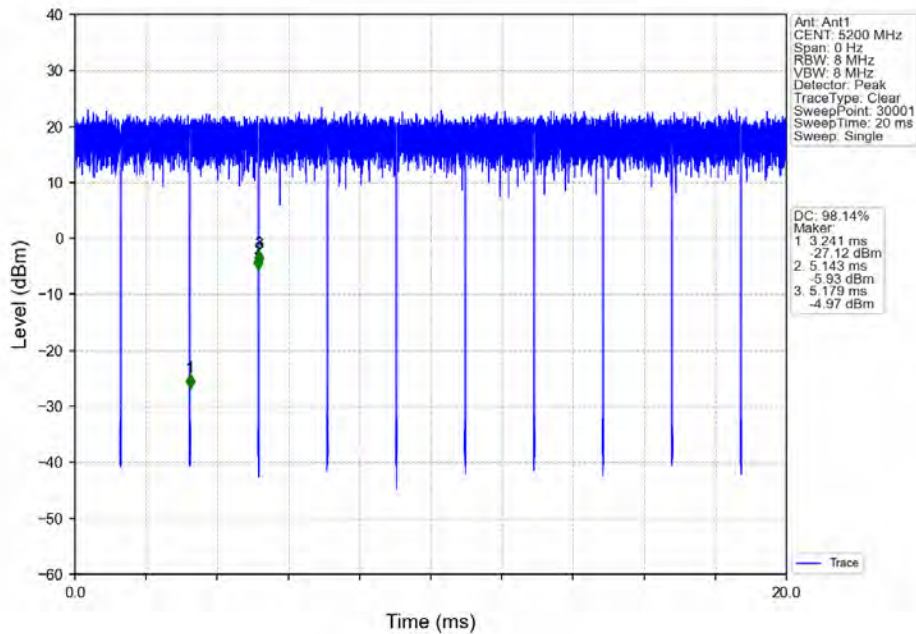
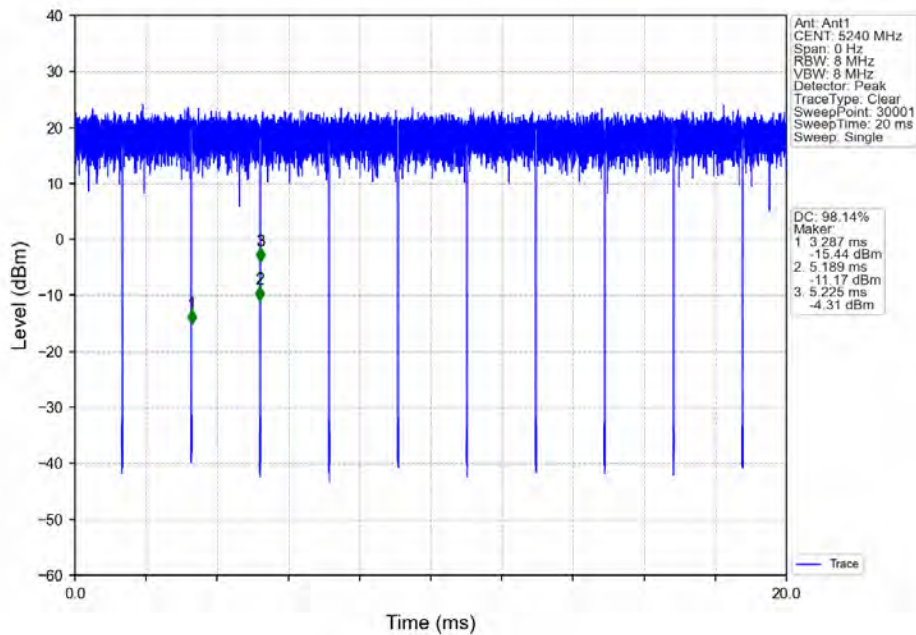


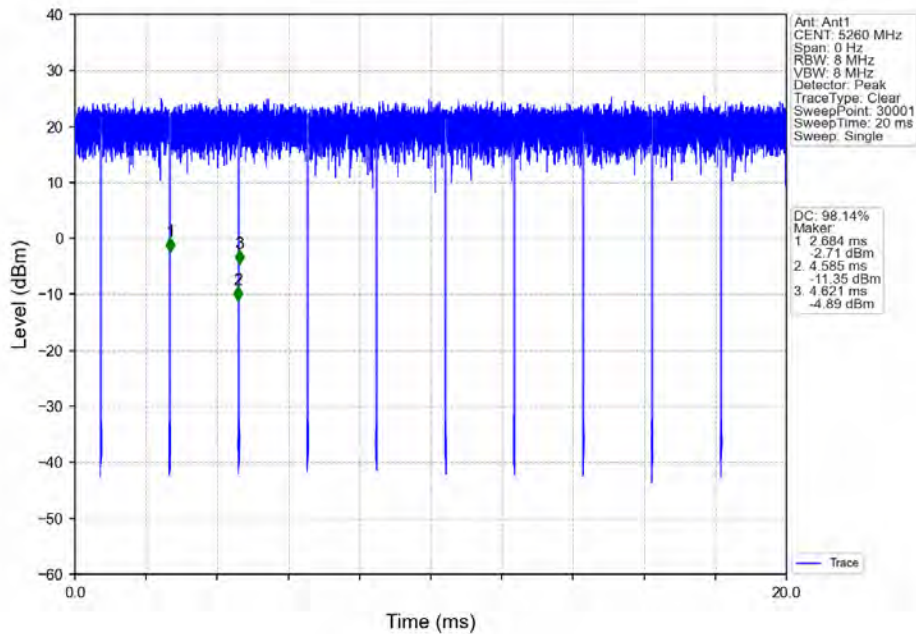
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



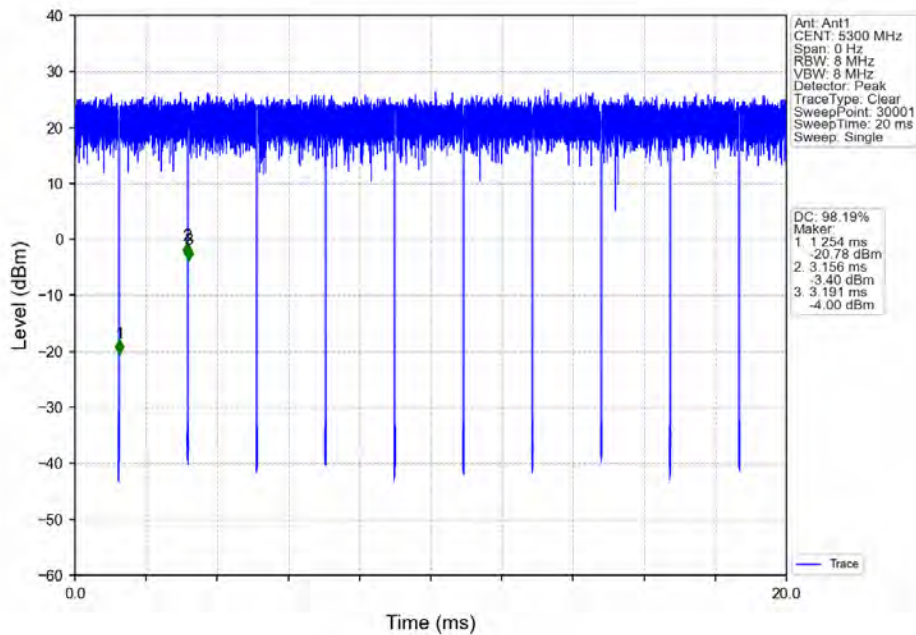
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



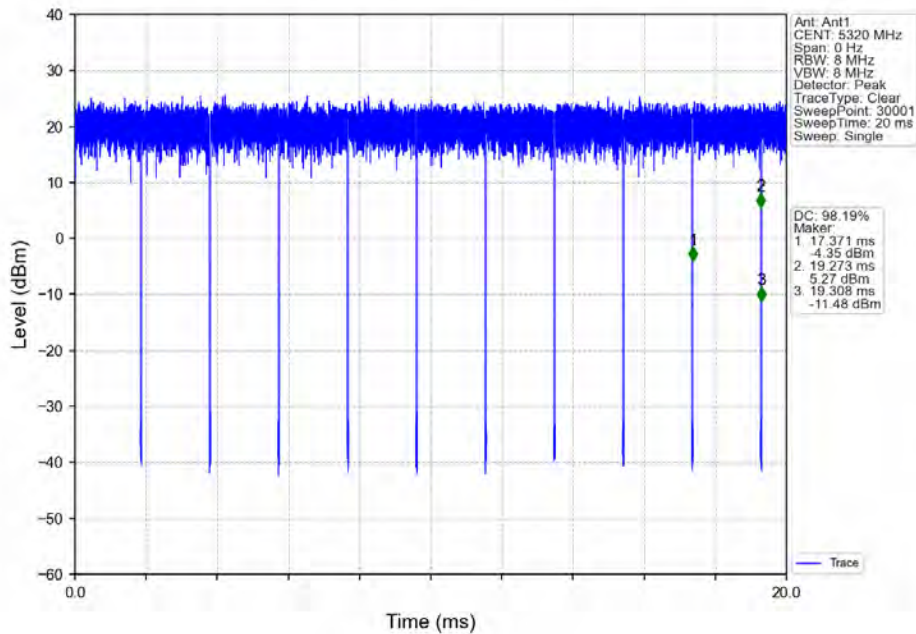
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



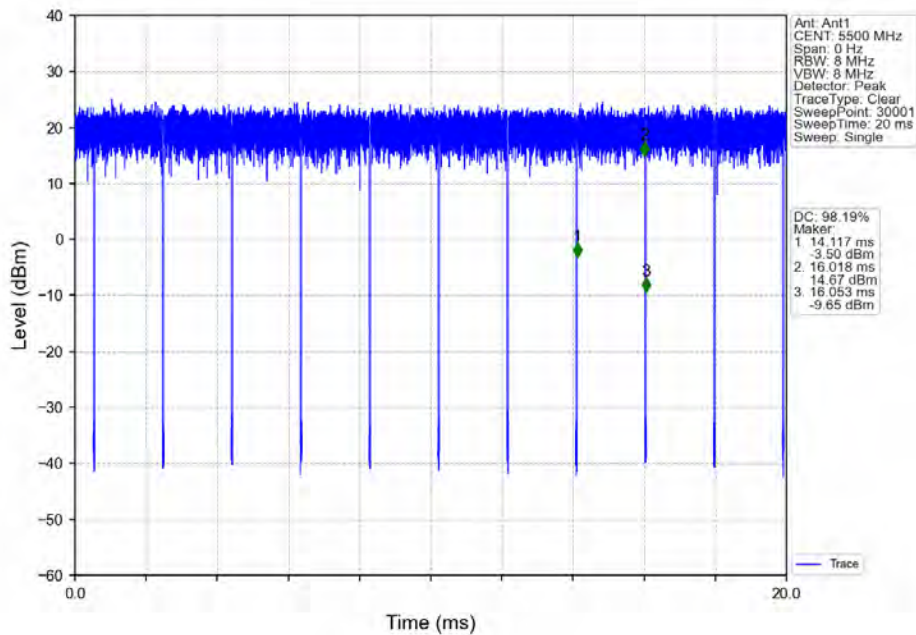
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



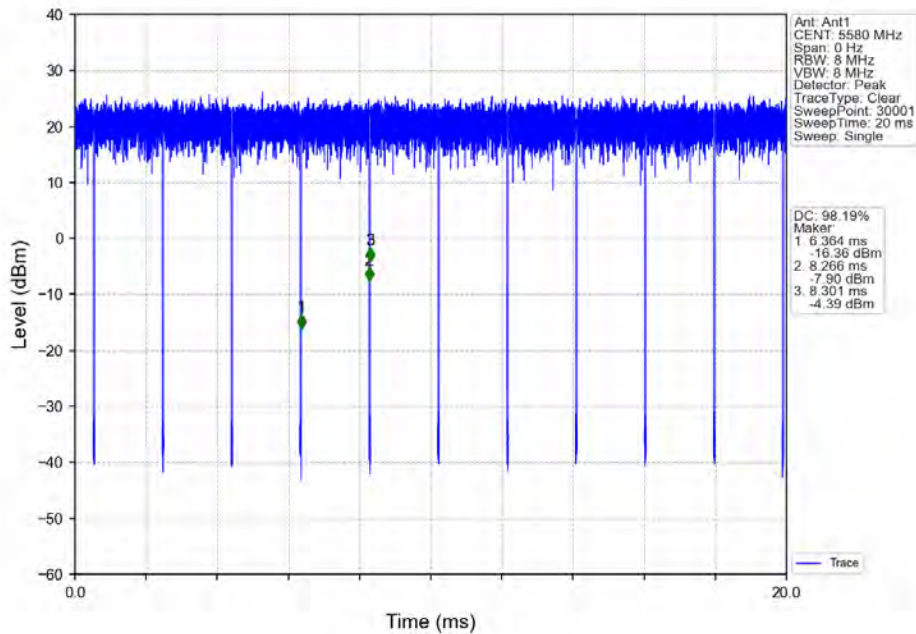
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



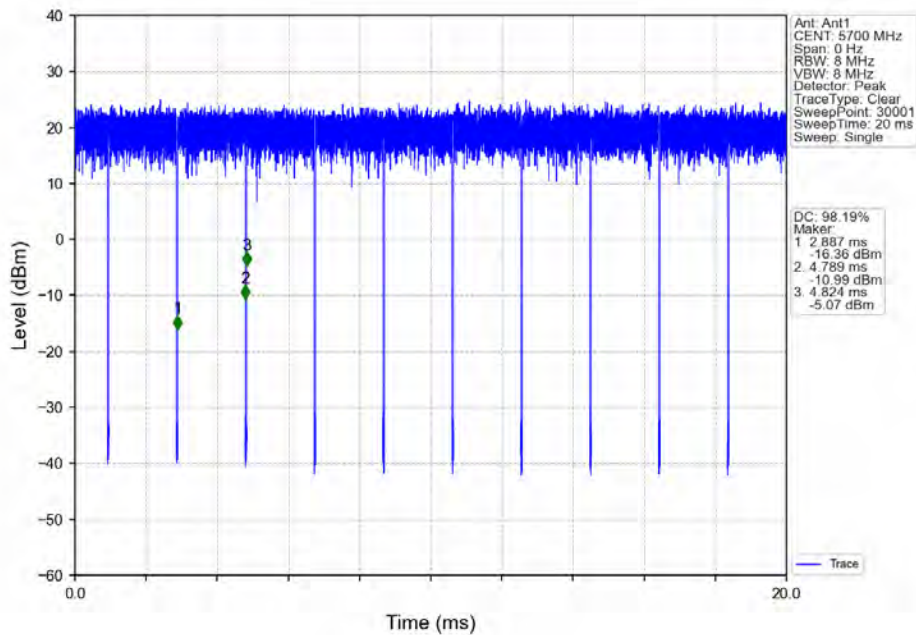
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



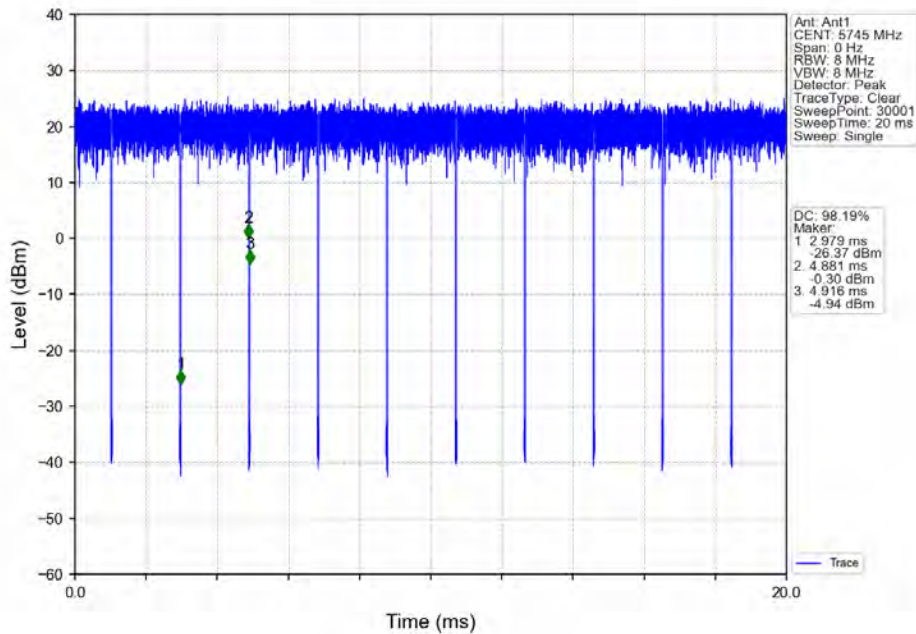
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



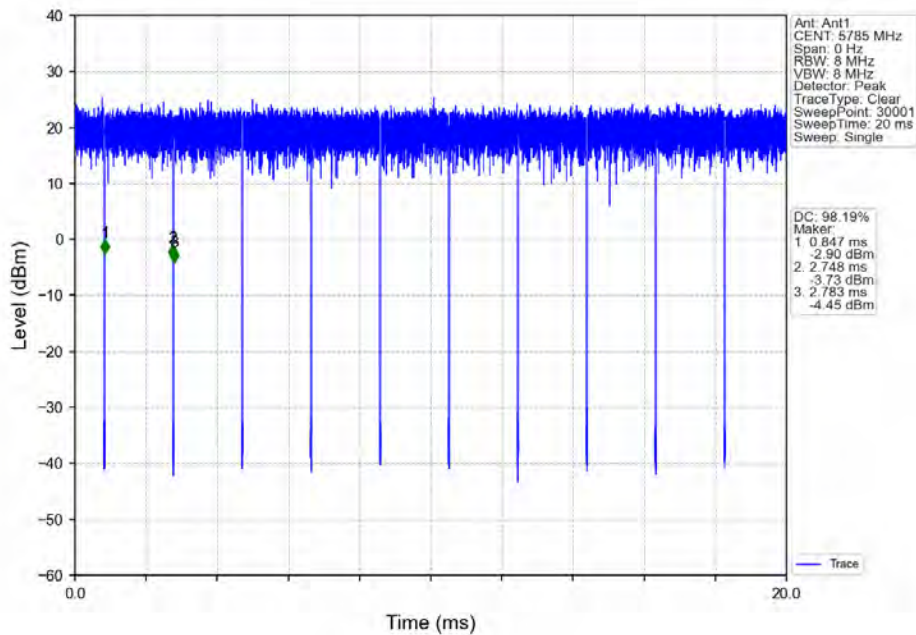
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



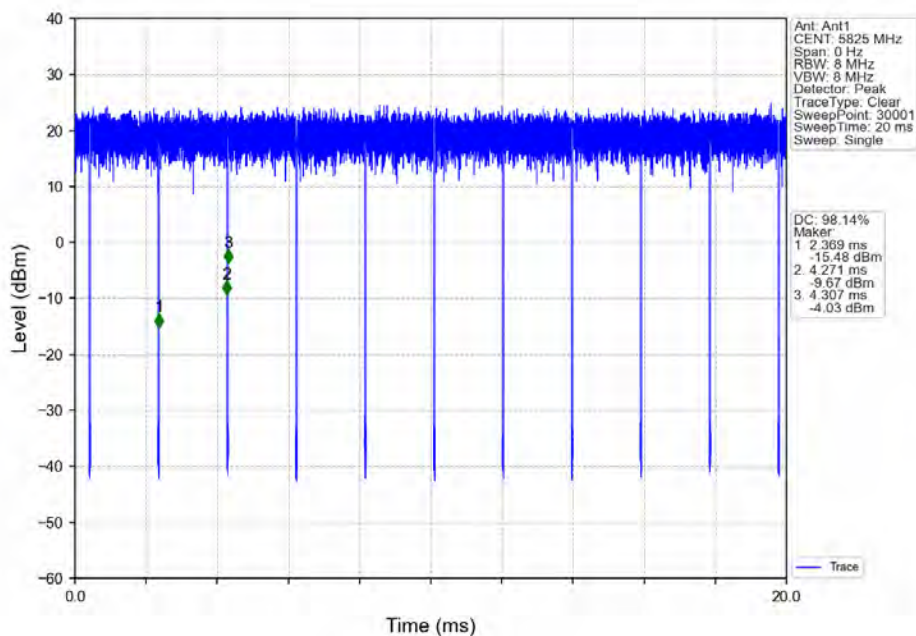
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



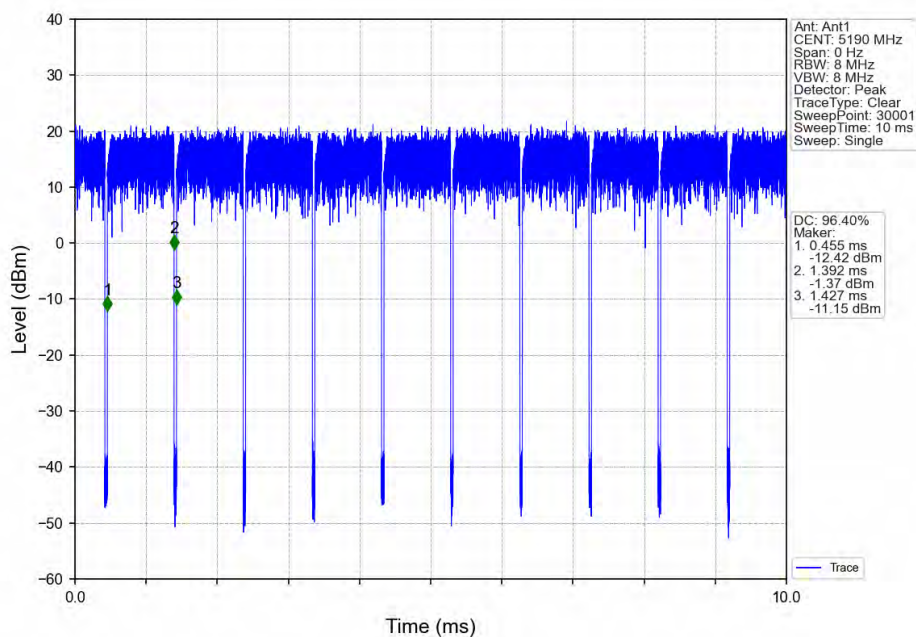
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



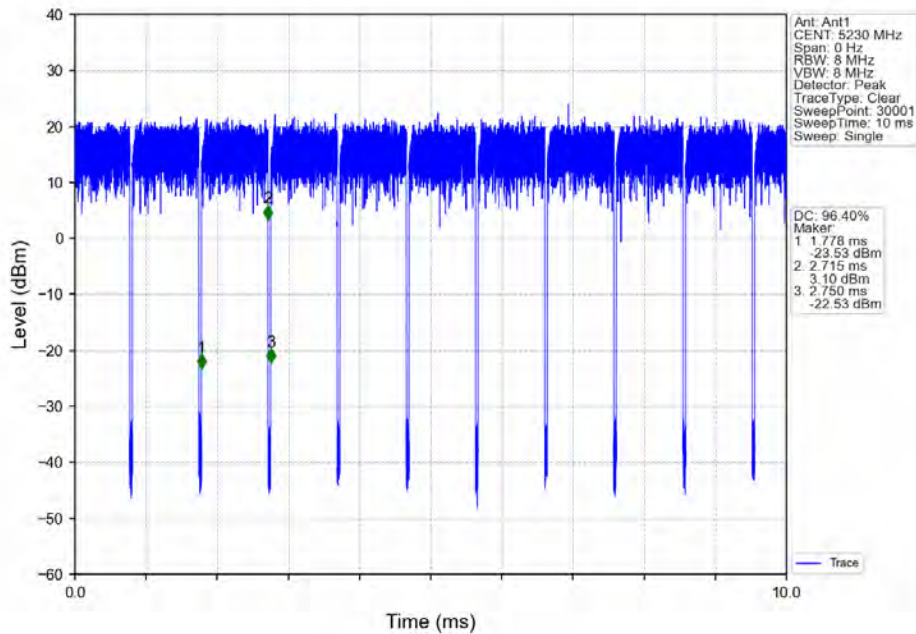
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



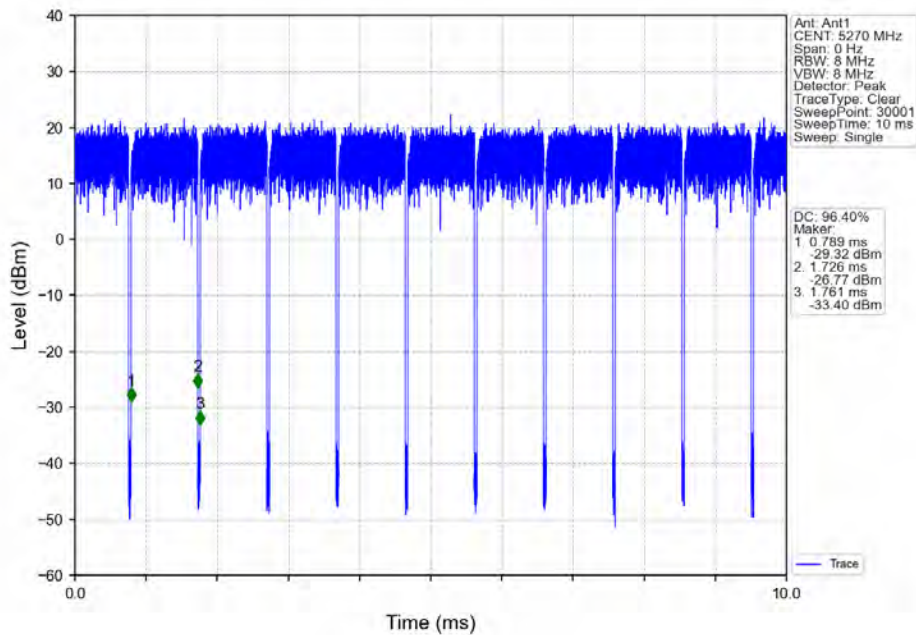
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



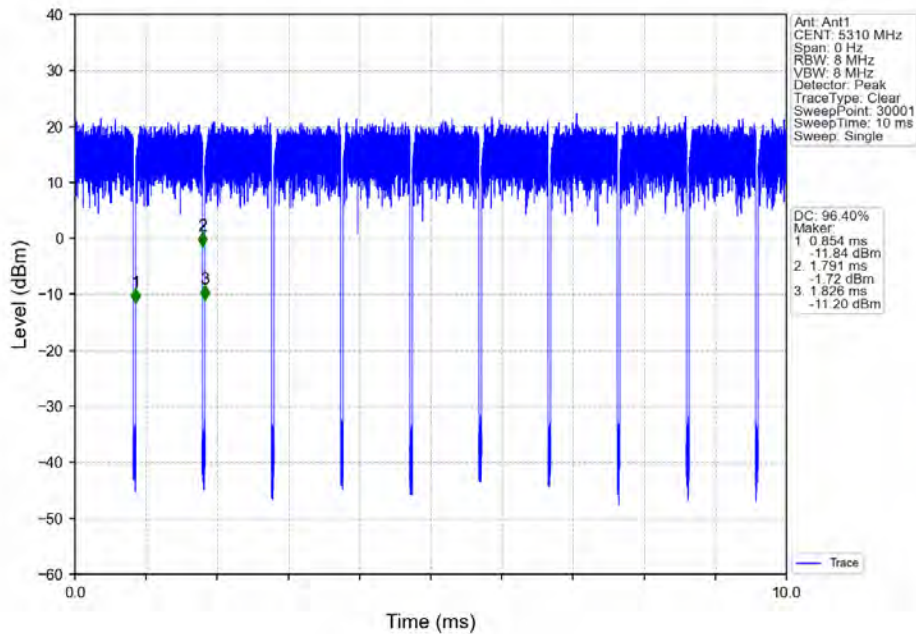
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



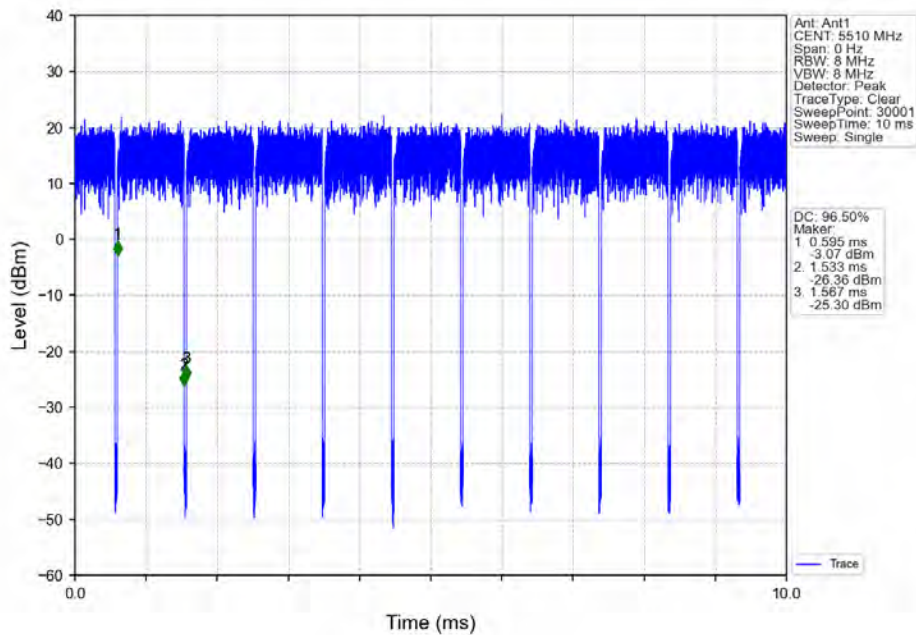
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



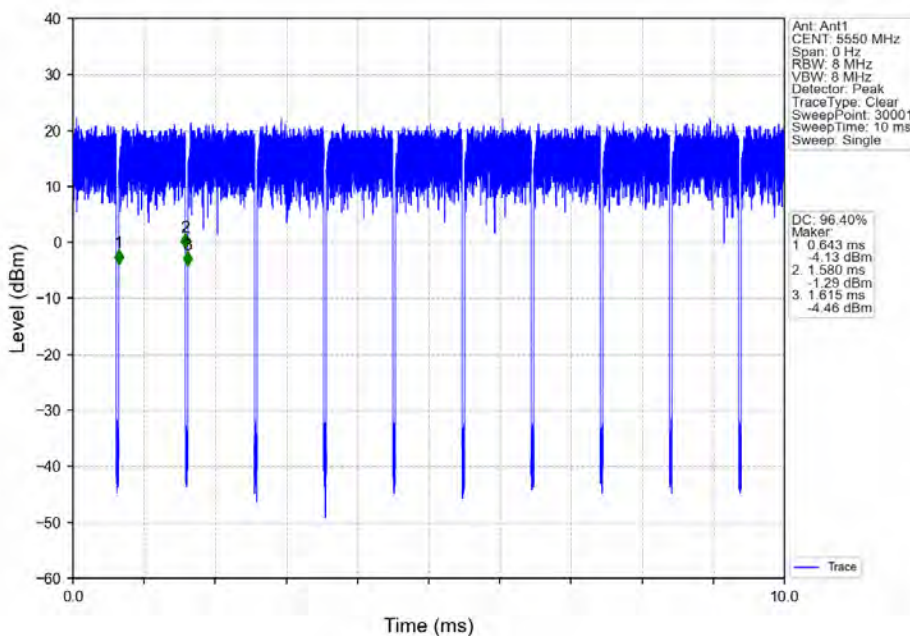
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



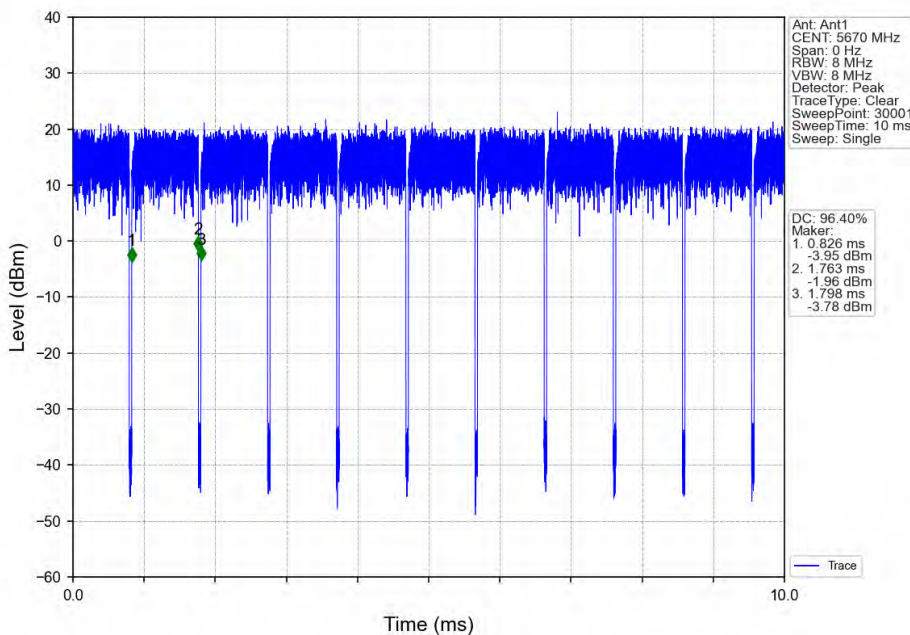
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



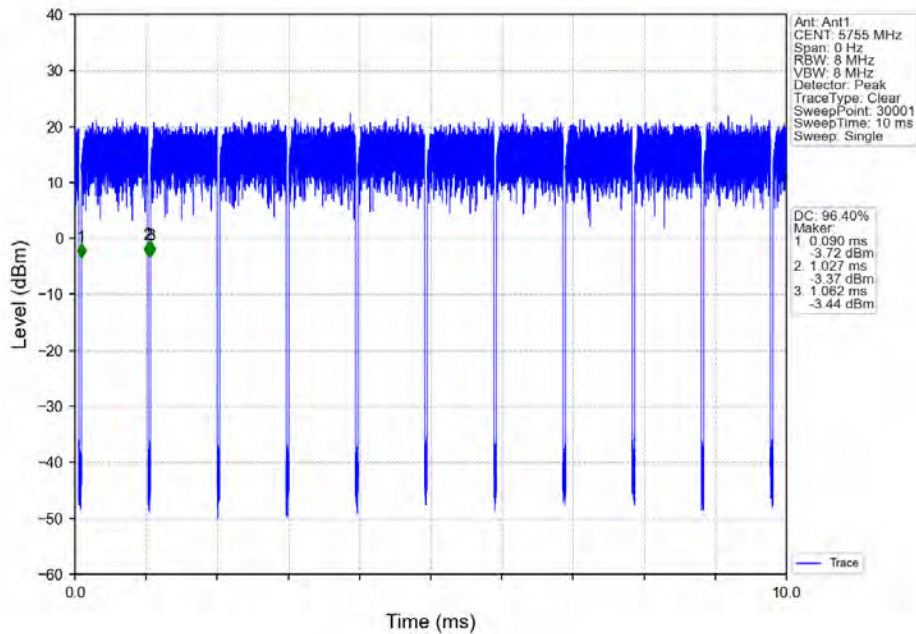
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



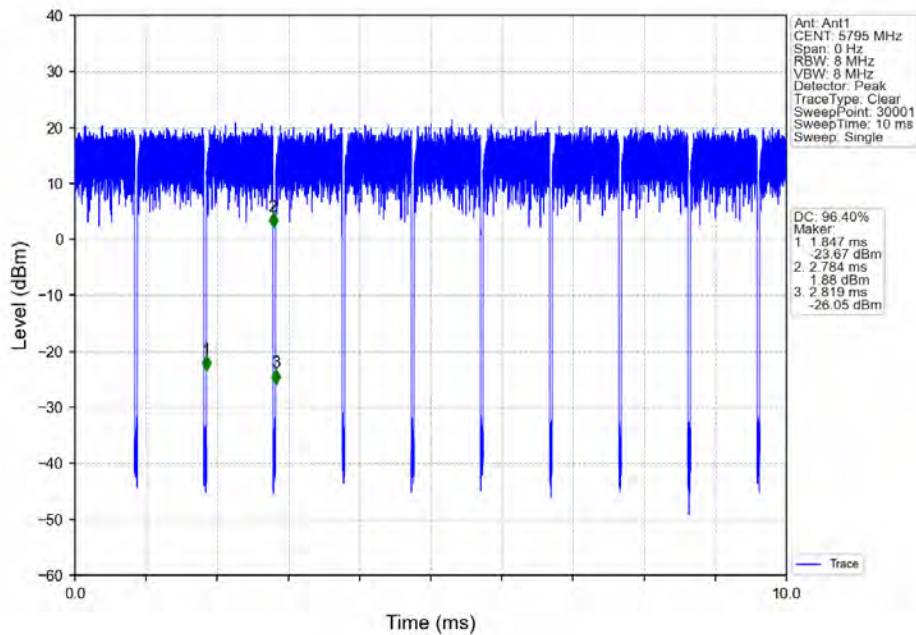
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



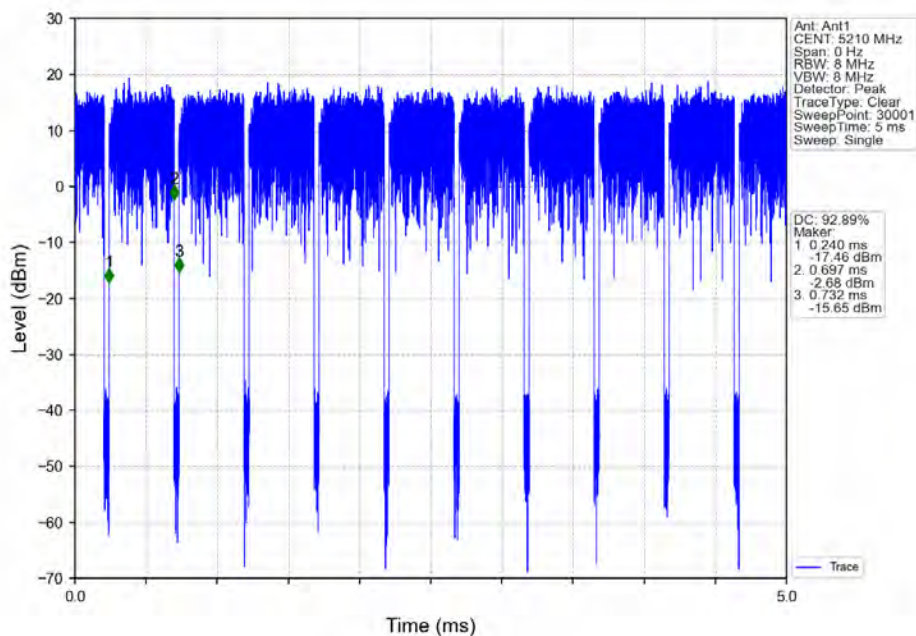
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



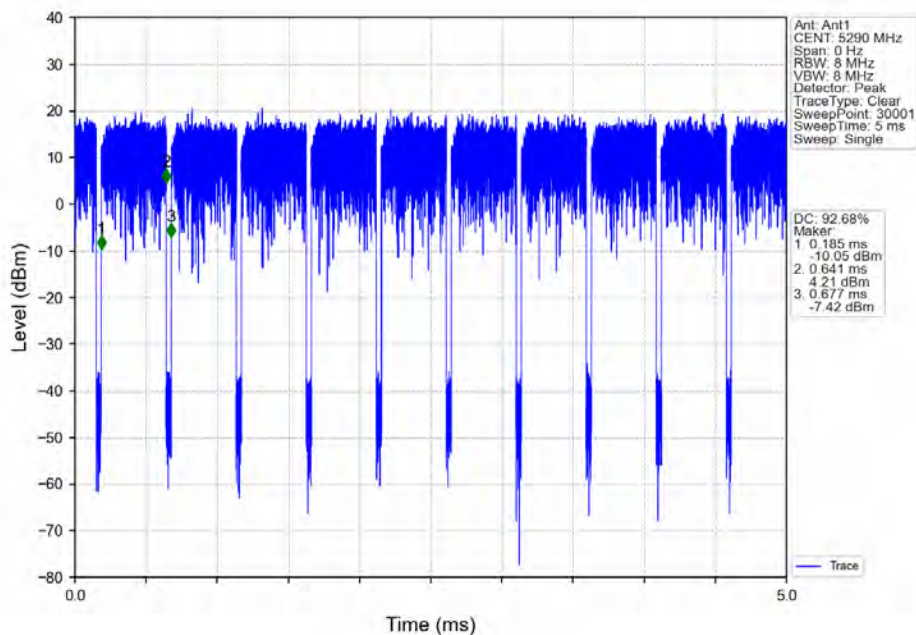
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



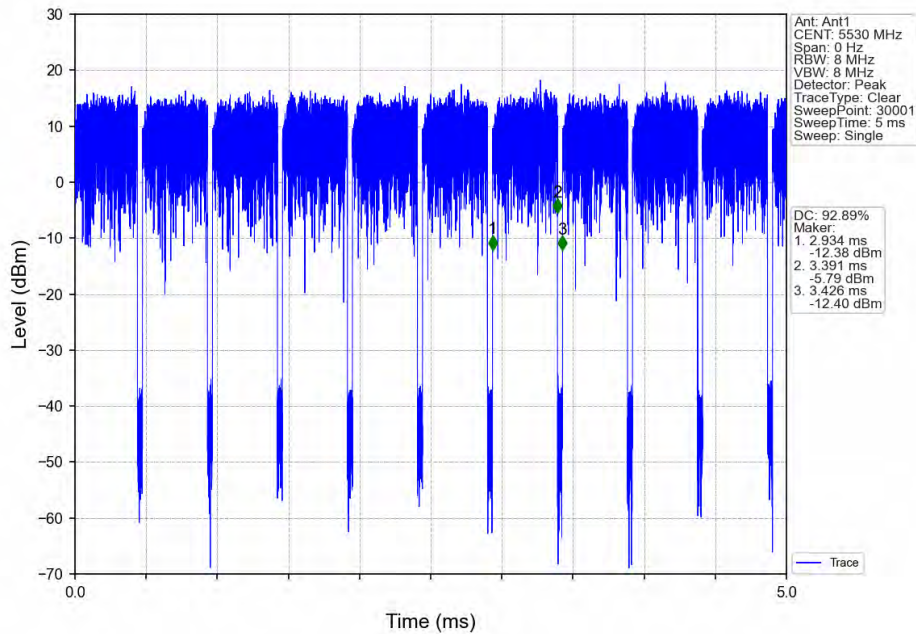
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



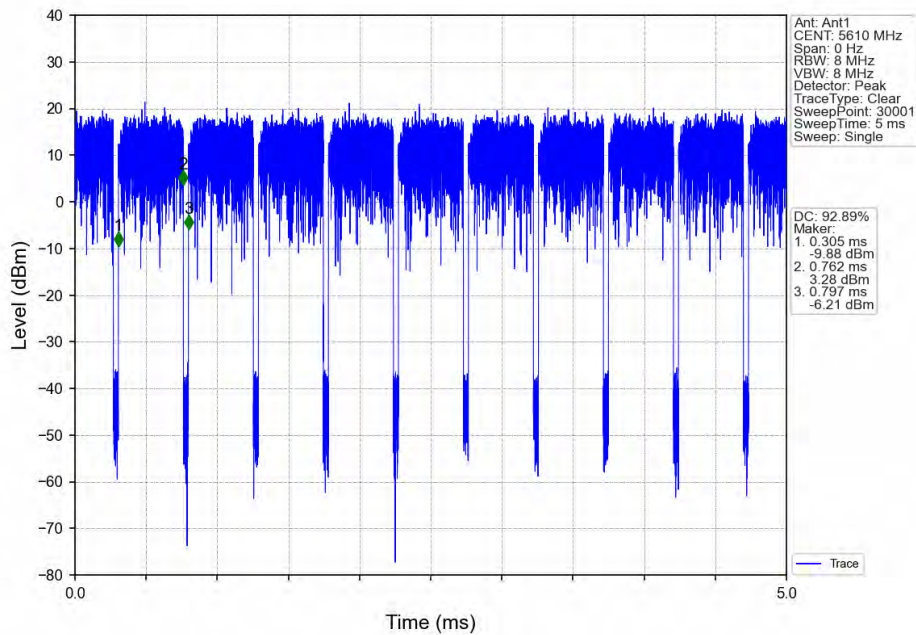
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



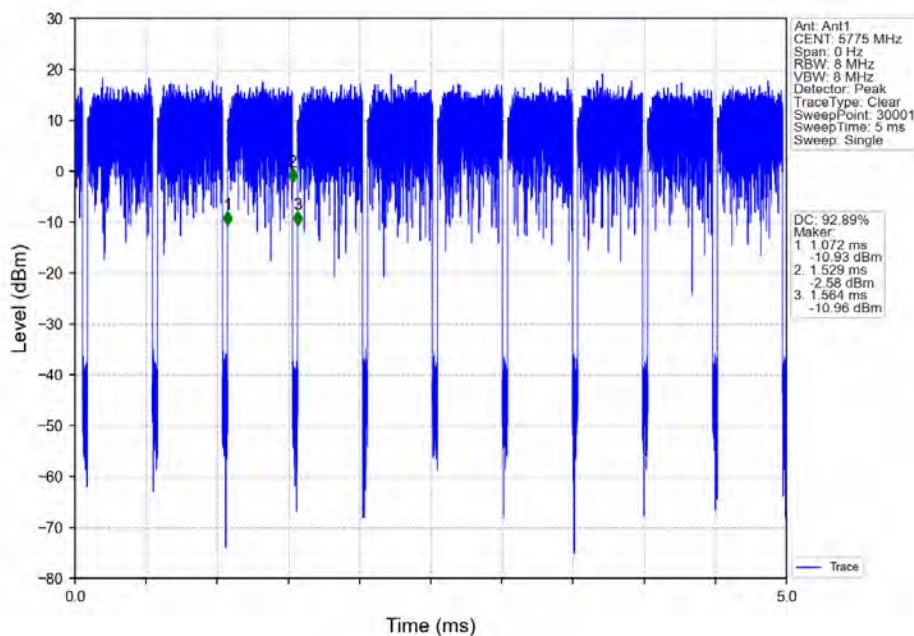
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.435	/	Pass
		5200	1	17.416	/	Pass
		5240	1	17.455	/	Pass
		5260	1	17.390	/	Pass
		5300	1	17.527	/	Pass
		5320	1	17.406	/	Pass
		5500	1	17.416	/	Pass
		5580	1	17.372	/	Pass
		5700	1	17.337	/	Pass
		5745	1	17.362	/	Pass
		5785	1	17.361	/	Pass
		5825	1	17.359	/	Pass
802.11n (HT20)	SISO	5180	1	18.461	/	Pass
		5200	1	18.505	/	Pass
		5240	1	18.548	/	Pass
		5260	1	18.539	/	Pass
		5300	1	18.548	/	Pass
		5320	1	18.534	/	Pass
		5500	1	18.508	/	Pass
		5580	1	18.528	/	Pass
		5700	1	18.457	/	Pass
		5745	1	18.519	/	Pass
		5785	1	18.460	/	Pass
		5825	1	18.460	/	Pass
802.11n (HT40)	SISO	5190	1	36.667	/	Pass
		5230	1	36.562	/	Pass
		5270	1	36.701	/	Pass
		5310	1	36.595	/	Pass
		5510	1	36.652	/	Pass
		5550	1	36.667	/	Pass
		5670	1	36.648	/	Pass



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		5755	1	36.609	/	Pass
		5795	1	36.589	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.524	/	Pass
		5200	1	18.482	/	Pass
		5240	1	18.472	/	Pass
		5260	1	18.543	/	Pass
		5300	1	18.541	/	Pass
		5320	1	18.481	/	Pass
		5500	1	18.534	/	Pass
		5580	1	18.463	/	Pass
		5700	1	18.438	/	Pass
		5745	1	18.431	/	Pass
		5785	1	18.381	/	Pass
		5825	1	18.401	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.582	/	Pass
		5230	1	36.560	/	Pass
		5270	1	36.597	/	Pass
		5310	1	36.614	/	Pass
		5510	1	36.609	/	Pass
		5550	1	36.592	/	Pass
		5670	1	36.652	/	Pass
		5755	1	36.635	/	Pass
802.11ac (VHT80)	SISO	5795	1	36.540	/	Pass
		5210	1	76.403	/	Pass
		5290	1	76.305	/	Pass
		5530	1	76.388	/	Pass
		5610	1	76.442	/	Pass
		5775	1	76.278	/	Pass



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2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.319	≥ 0.5	Pass
		5785	1	16.346	≥ 0.5	Pass
		5825	1	16.061	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.815	≥ 0.5	Pass
		5785	1	15.371	≥ 0.5	Pass
		5825	1	15.150	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.846	≥ 0.5	Pass
		5795	1	36.019	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.178	≥ 0.5	Pass
		5785	1	15.161	≥ 0.5	Pass
		5825	1	15.139	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.844	≥ 0.5	Pass
		5795	1	36.025	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.175	≥ 0.5	Pass



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2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.431	/	Pass
		5200	1	22.919	/	Pass
		5240	1	22.584	/	Pass
		5260	1	23.553	/	Pass
		5300	1	22.968	/	Pass
		5320	1	22.440	/	Pass
		5500	1	22.700	/	Pass
		5580	1	22.837	/	Pass
		5700	1	21.644	/	Pass
802.11n (HT20)	SISO	5180	1	22.629	/	Pass
		5200	1	23.329	/	Pass
		5240	1	23.216	/	Pass
		5260	1	24.515	/	Pass
		5300	1	24.135	/	Pass
		5320	1	23.591	/	Pass
		5500	1	24.183	/	Pass
		5580	1	23.834	/	Pass
		5700	1	23.717	/	Pass
802.11n (HT40)	SISO	5190	1	41.087	/	Pass
		5230	1	41.660	/	Pass
		5270	1	41.414	/	Pass
		5310	1	41.447	/	Pass
		5510	1	41.352	/	Pass
		5550	1	41.669	/	Pass
		5670	1	42.004	/	Pass
802.11ac (VHT20)	SISO	5180	1	23.018	/	Pass
		5200	1	22.851	/	Pass
		5240	1	22.869	/	Pass
		5260	1	23.677	/	Pass
		5300	1	23.690	/	Pass
		5320	1	22.839	/	Pass
		5500	1	23.549	/	Pass
		5580	1	23.301	/	Pass
		5700	1	22.570	/	Pass
802.11ac (VHT40)	SISO	5190	1	41.490	/	Pass
		5230	1	41.535	/	Pass



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		5270	1	41.290	/	Pass
		5310	1	41.231	/	Pass
		5510	1	41.618	/	Pass
		5550	1	41.414	/	Pass
		5670	1	41.207	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.797	/	Pass
		5290	1	84.134	/	Pass
		5530	1	83.519	/	Pass
		5610	1	83.247	/	Pass



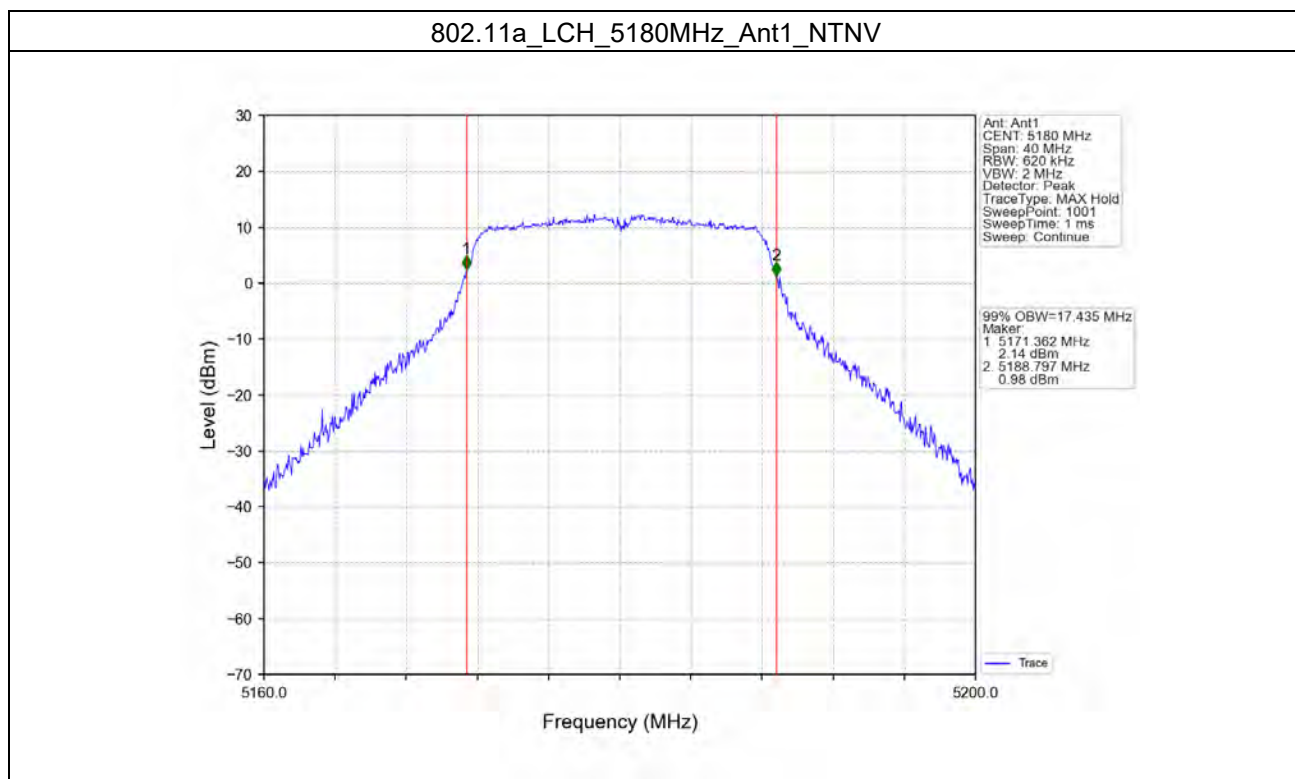
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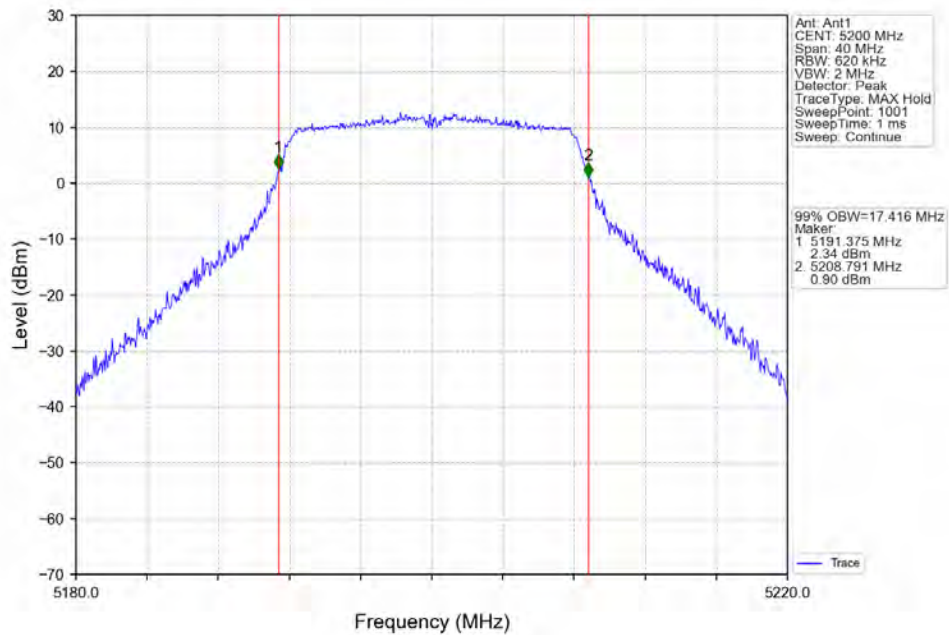
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2.2 Test Graph

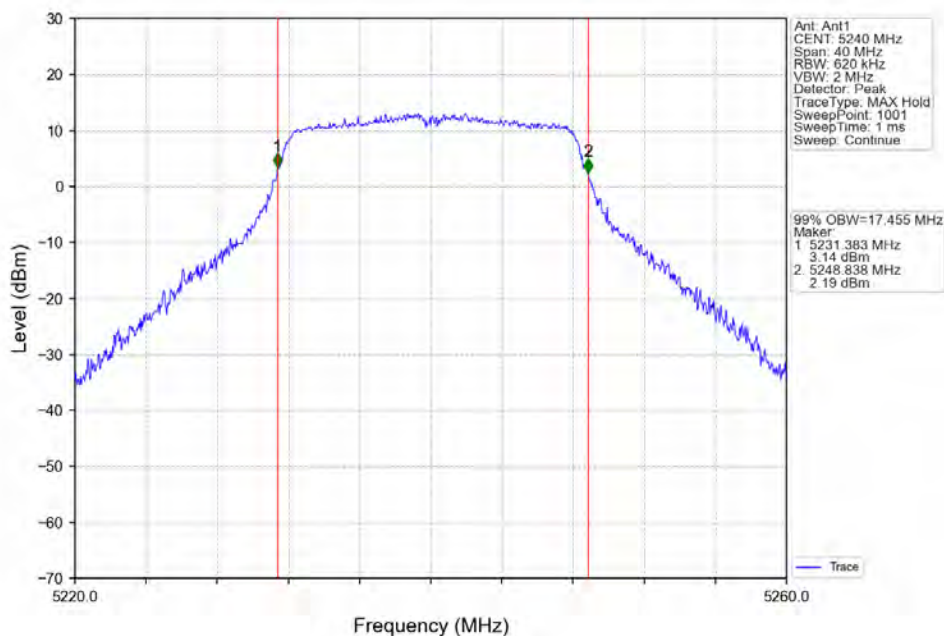
2.2.1 OBW



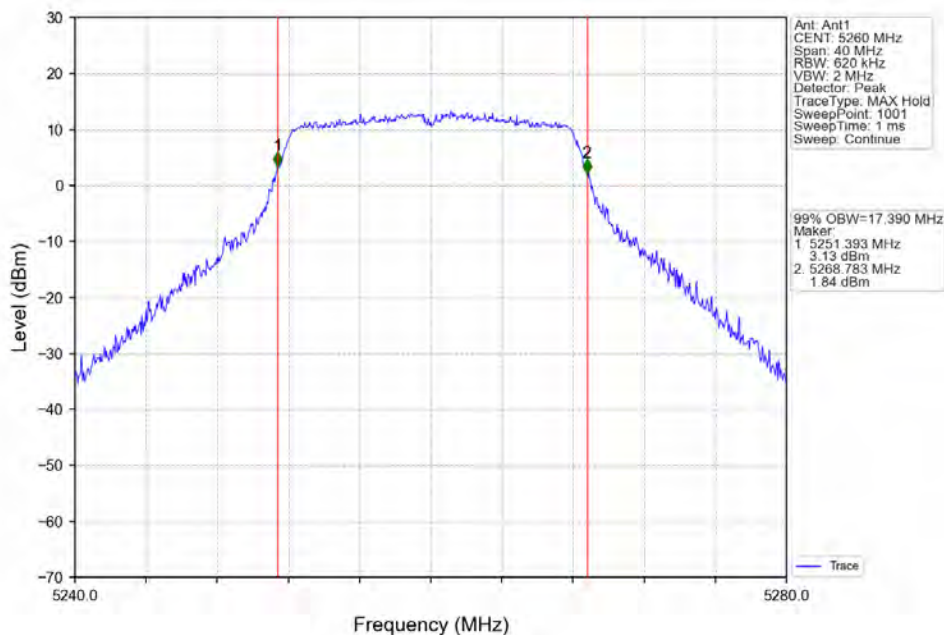
802.11a_MCH_5200MHz_Ant1_NTNV



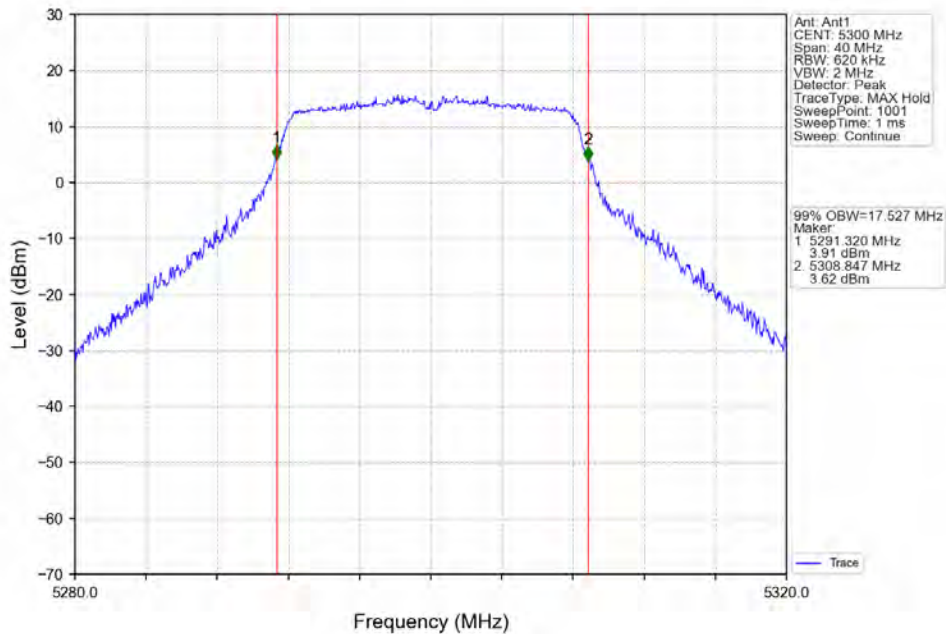
802.11a_HCH_5240MHz_Ant1_NTNV



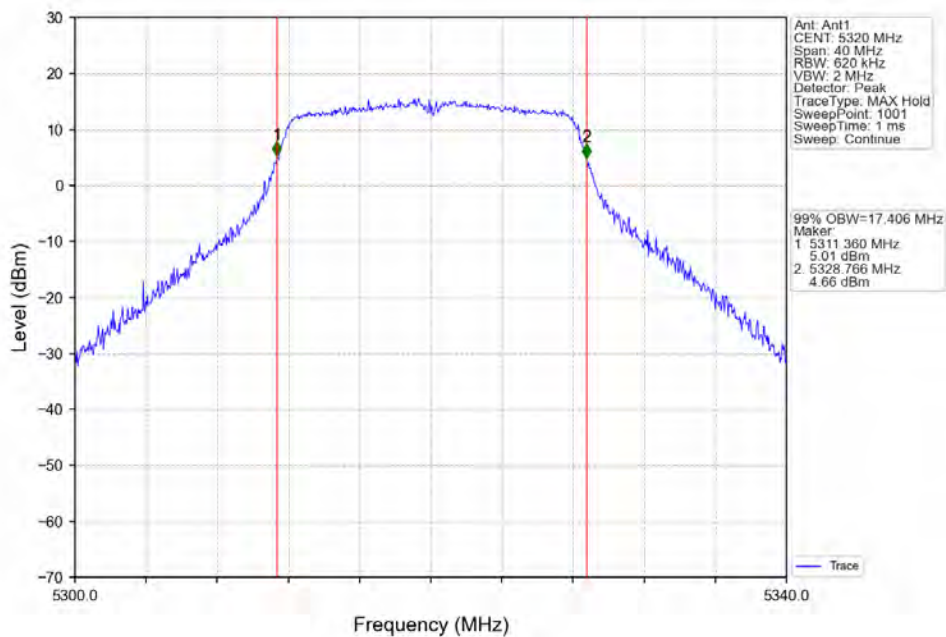
802.11a_LCH_5260MHz_Ant1_NTNV



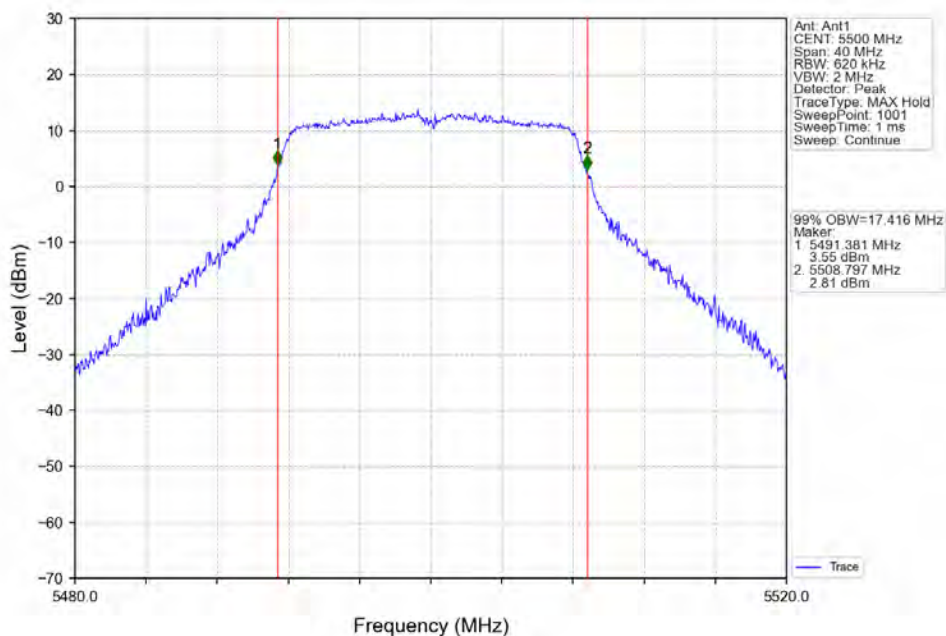
802.11a_MCH_5300MHz_Ant1_NTNV



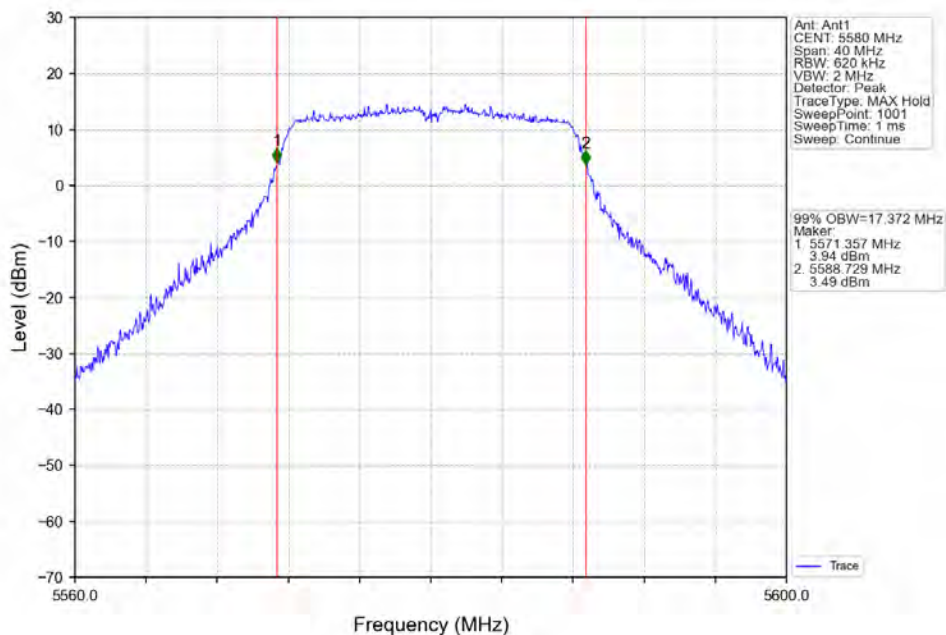
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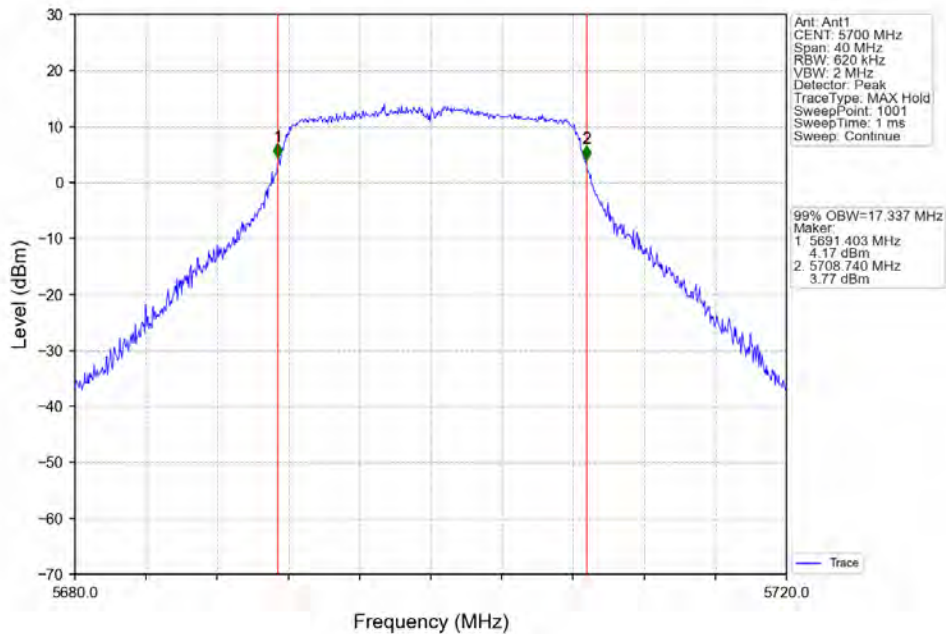
802.11a_LCH_5500MHz_Ant1_NTNV



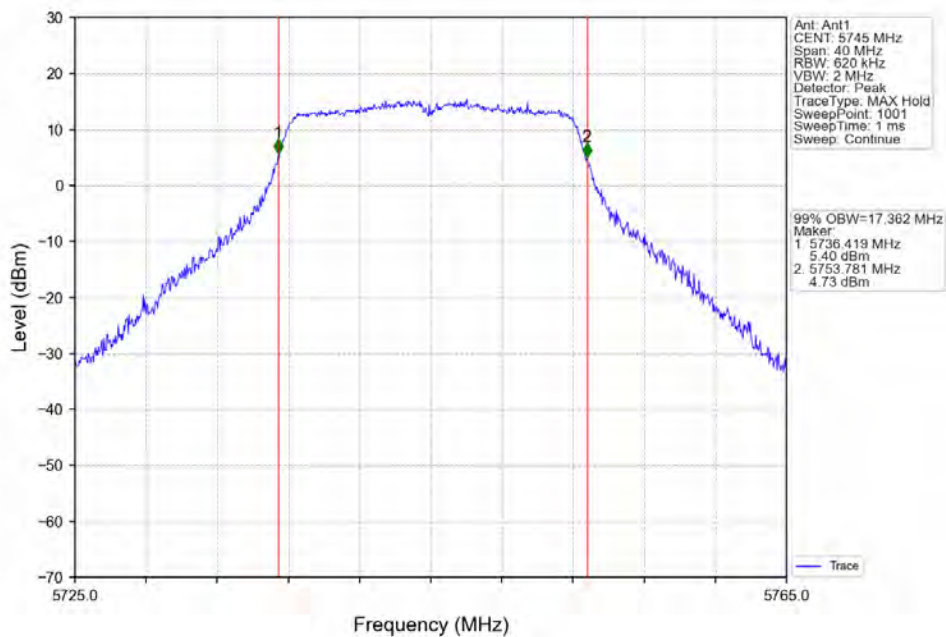
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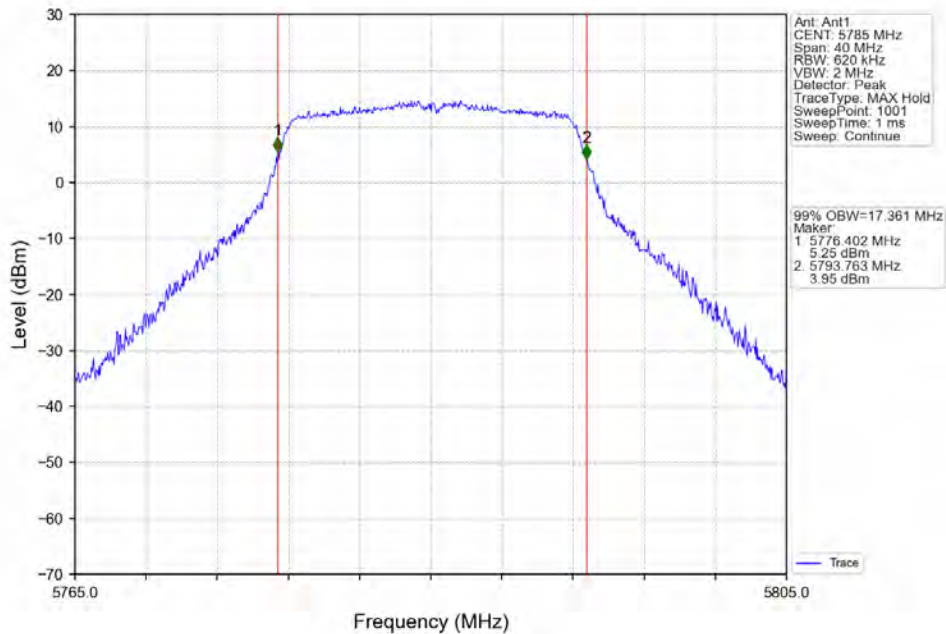
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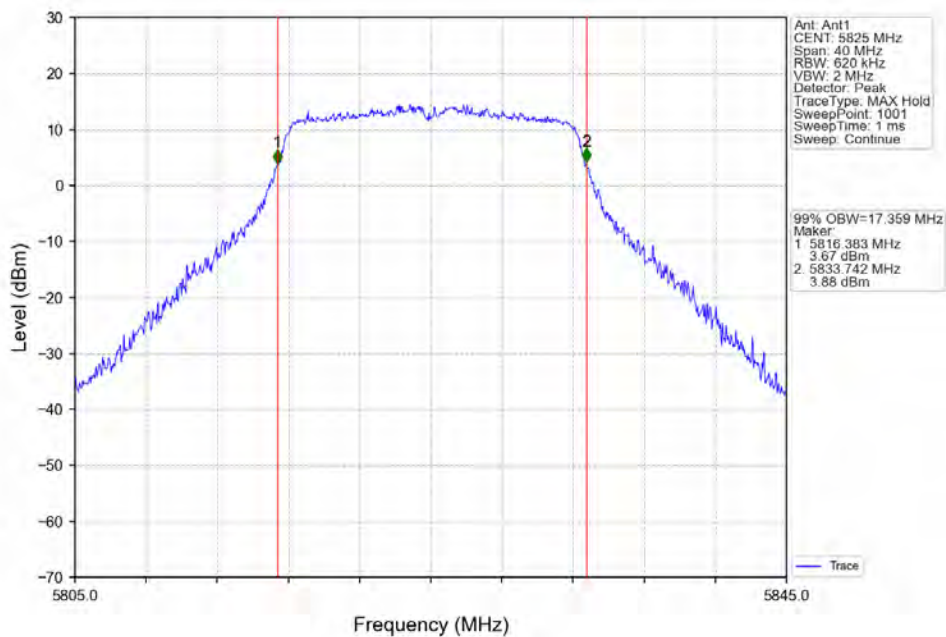
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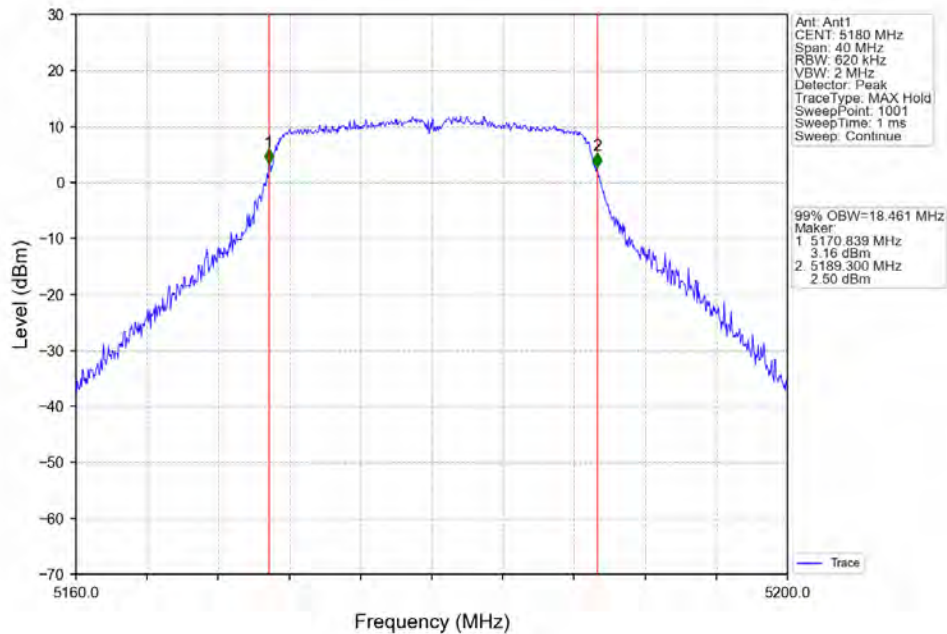
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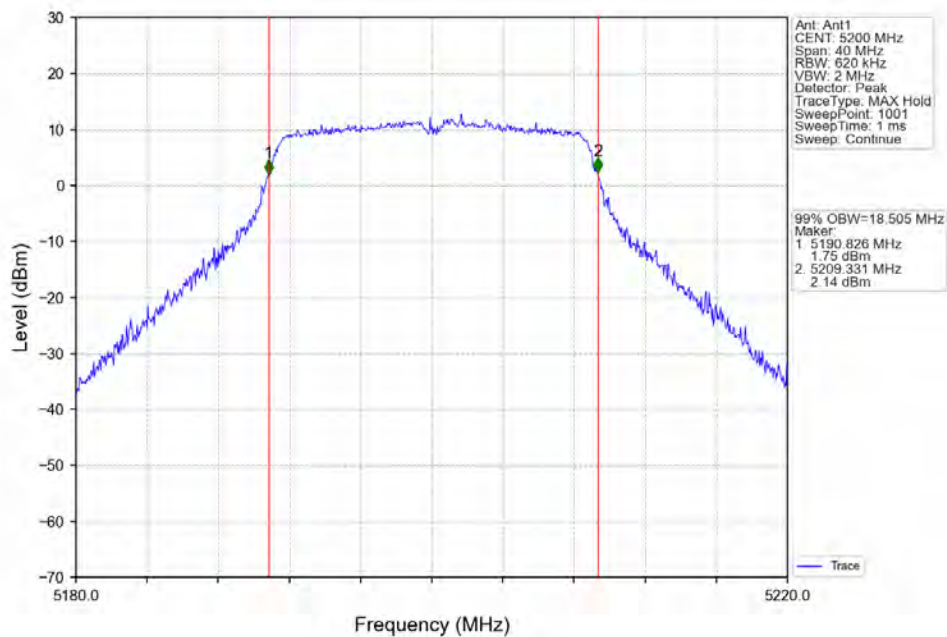
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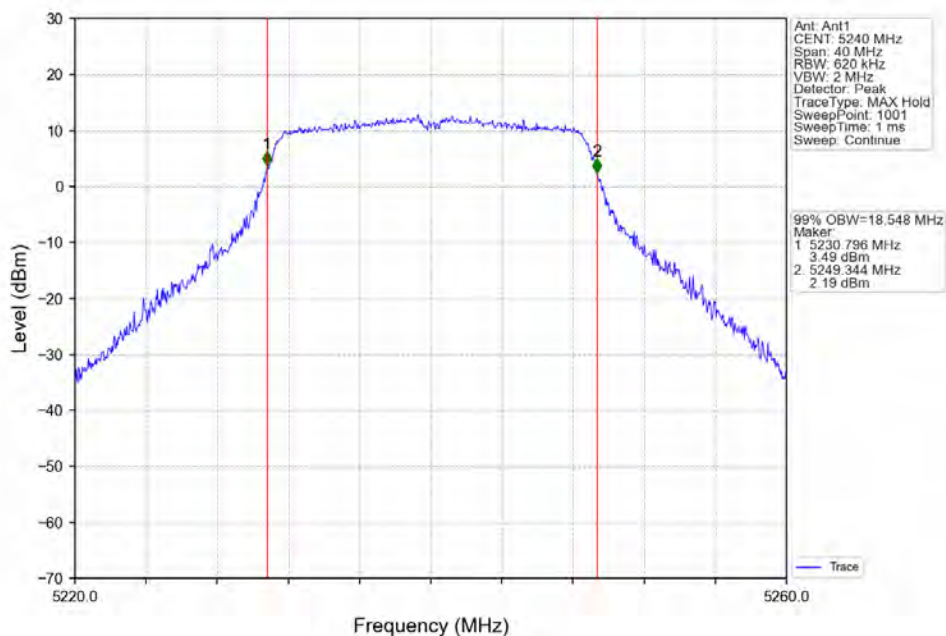
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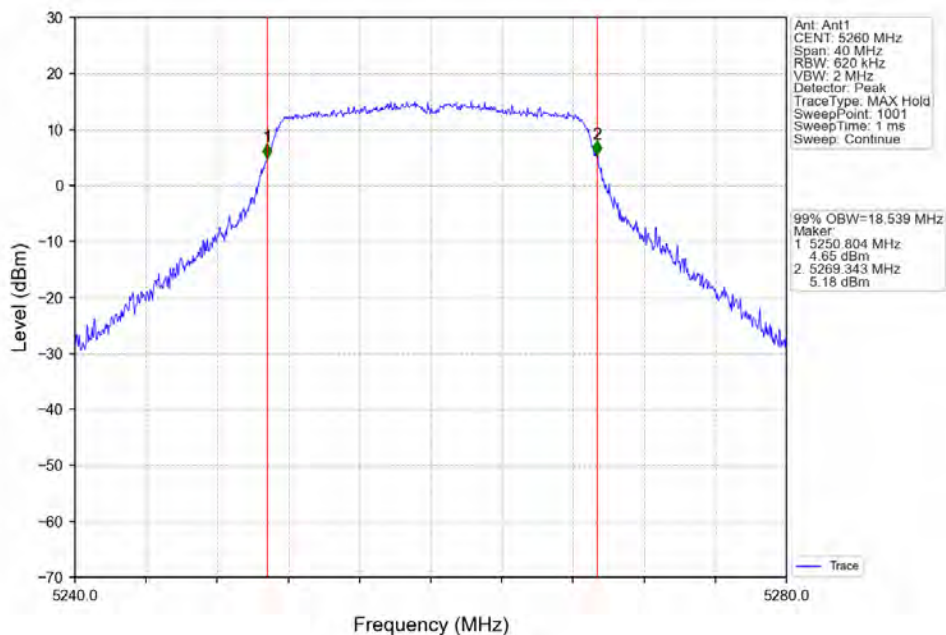
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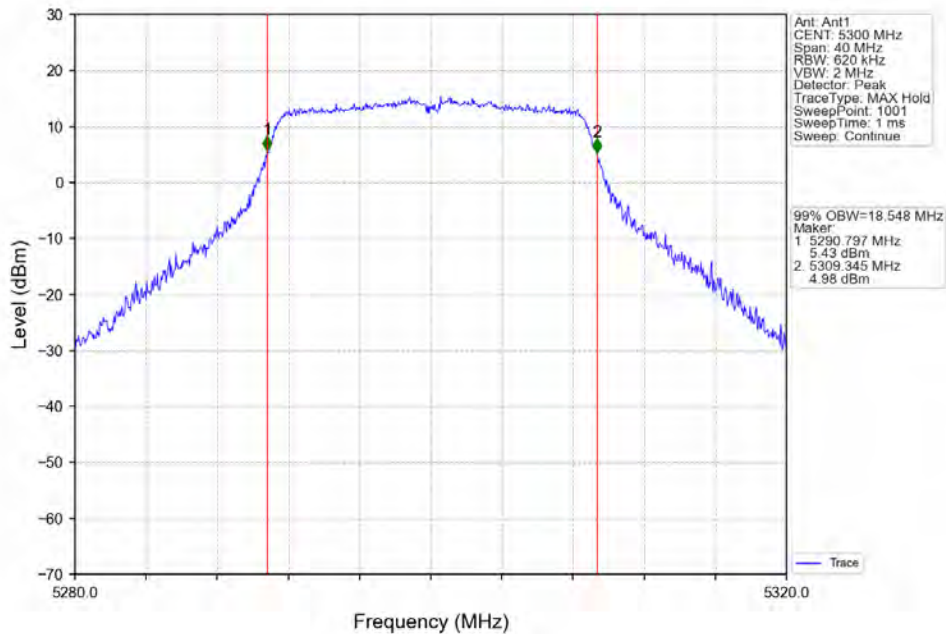
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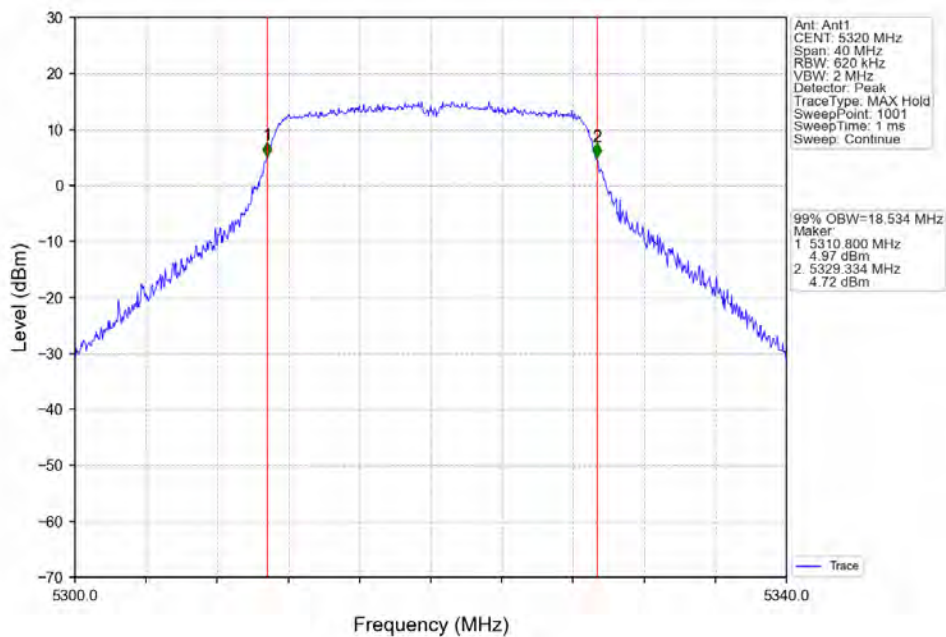
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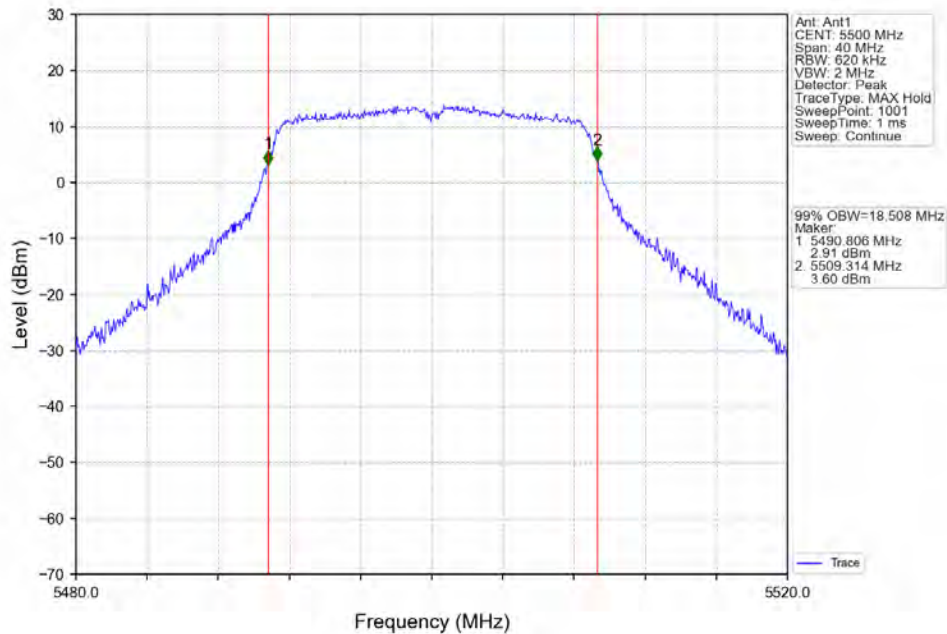
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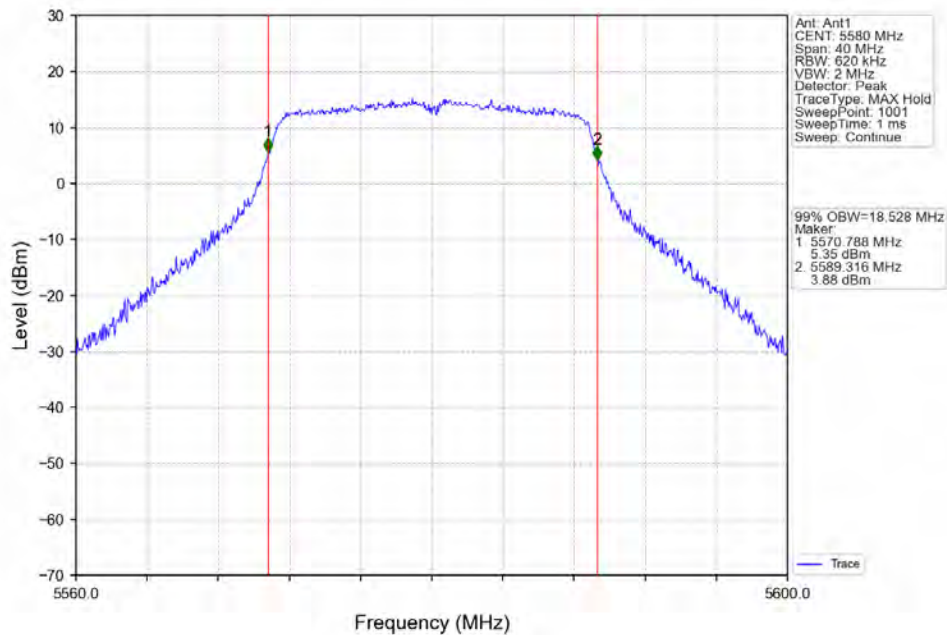
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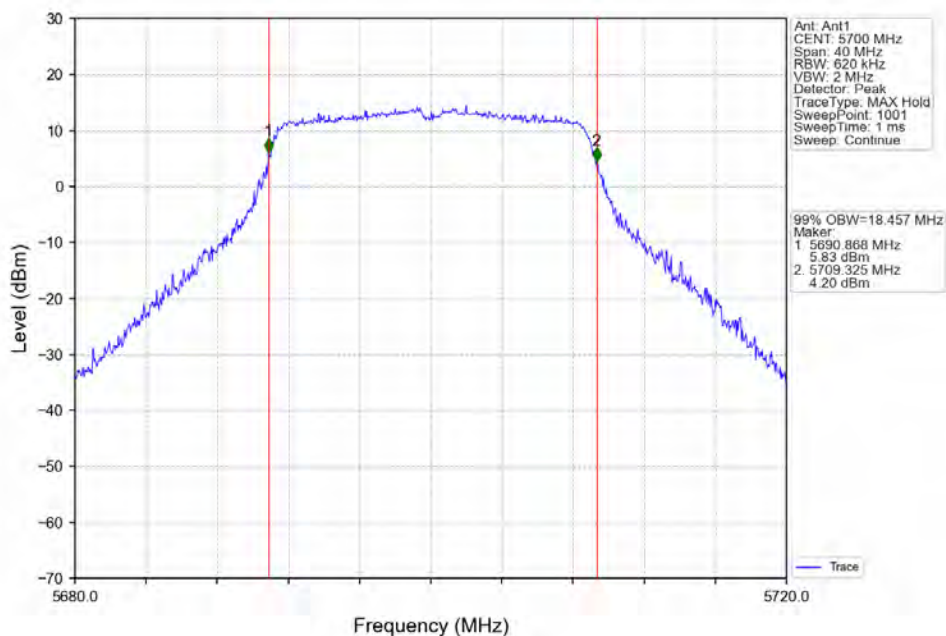
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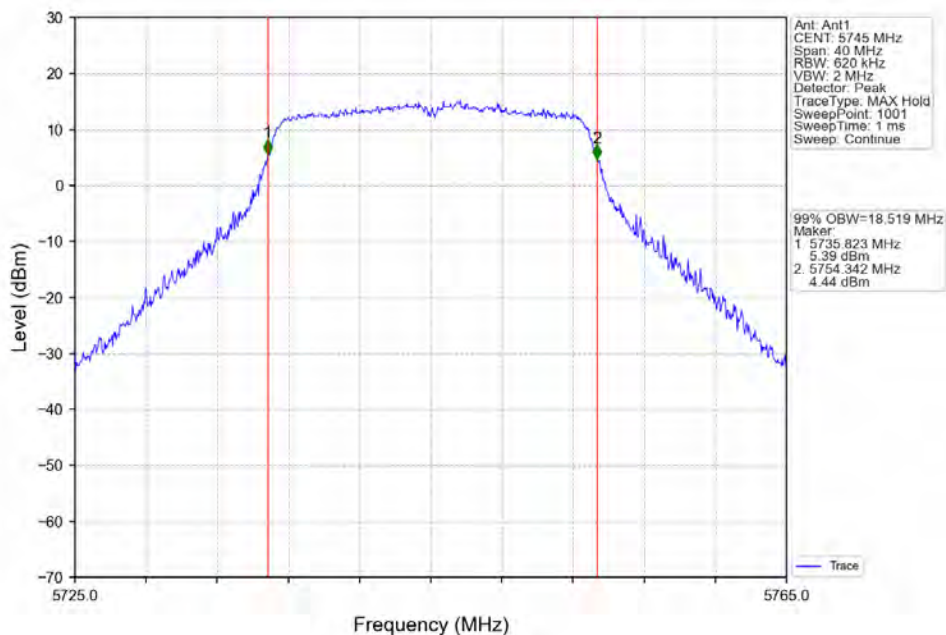
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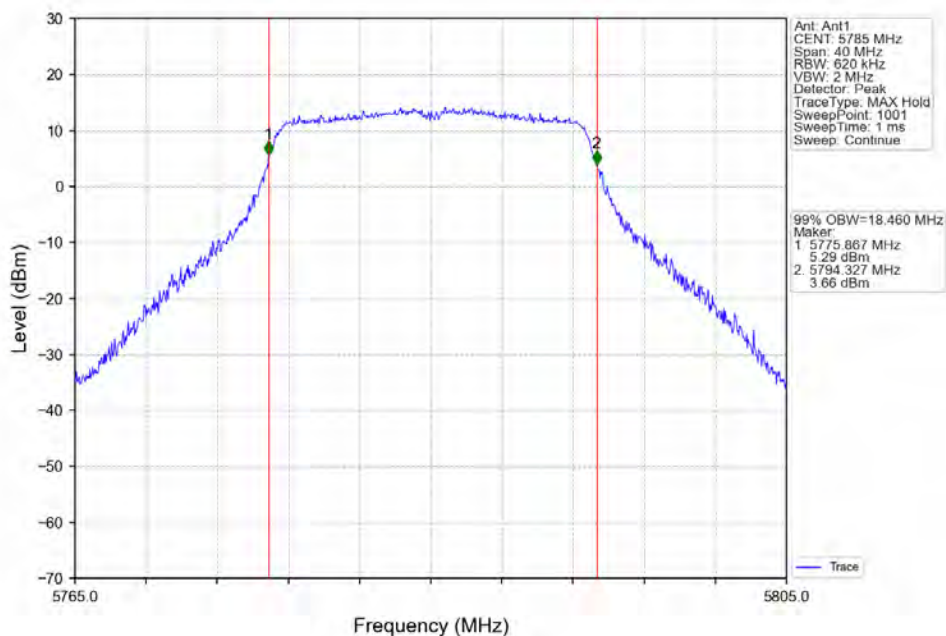
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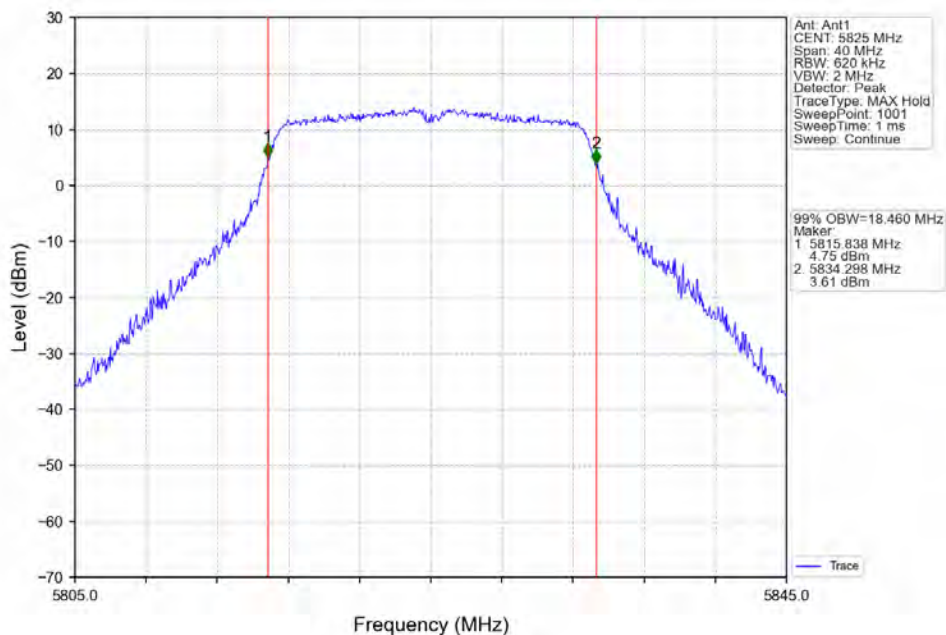
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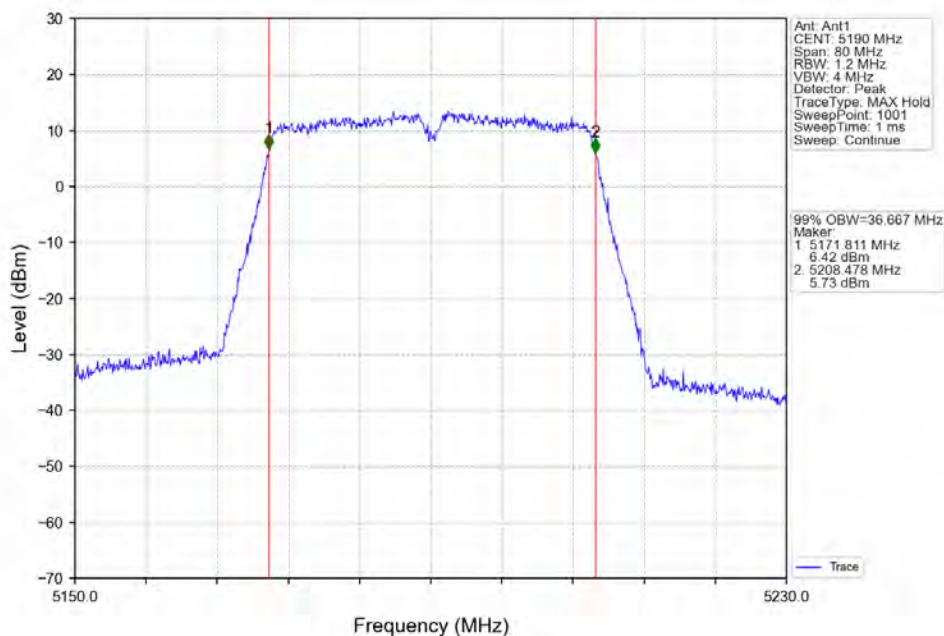
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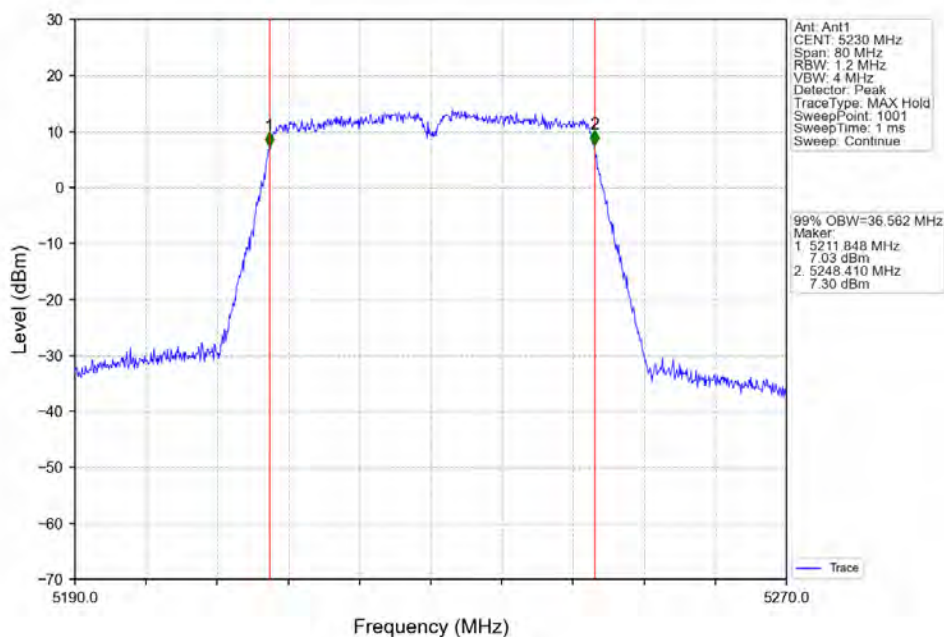
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



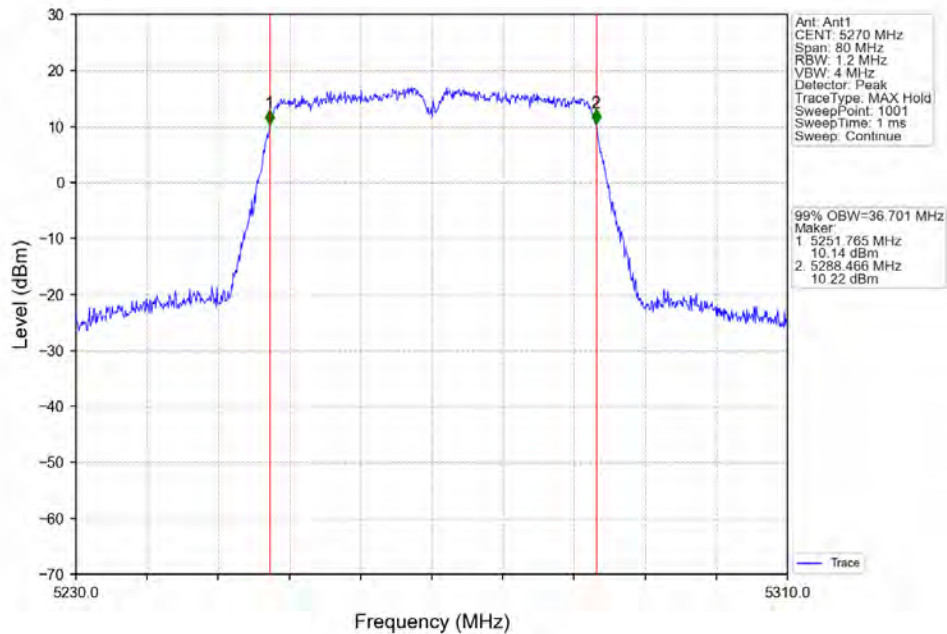
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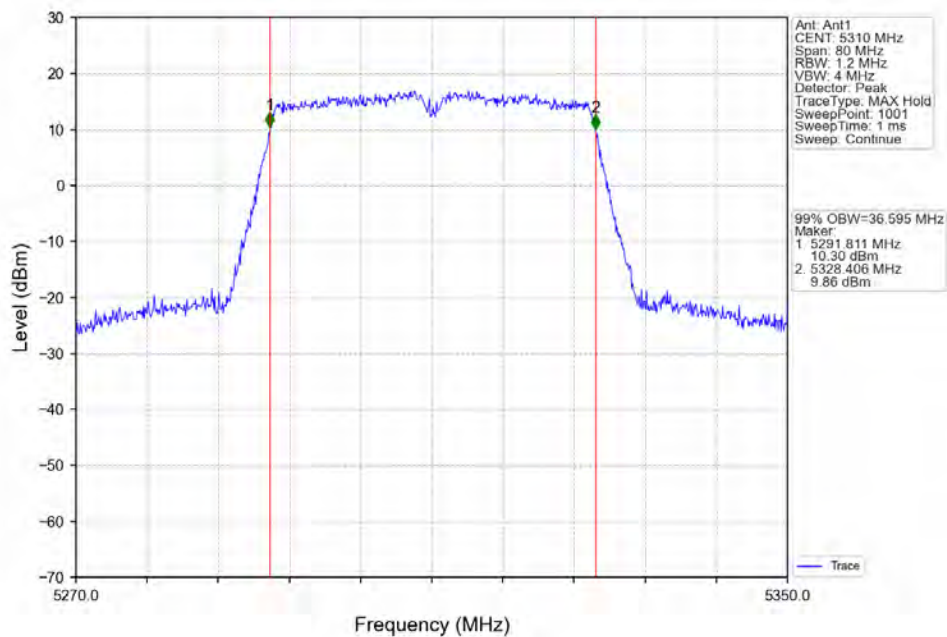
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Shenzhen Branch Testing, Calibration Laboratory

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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

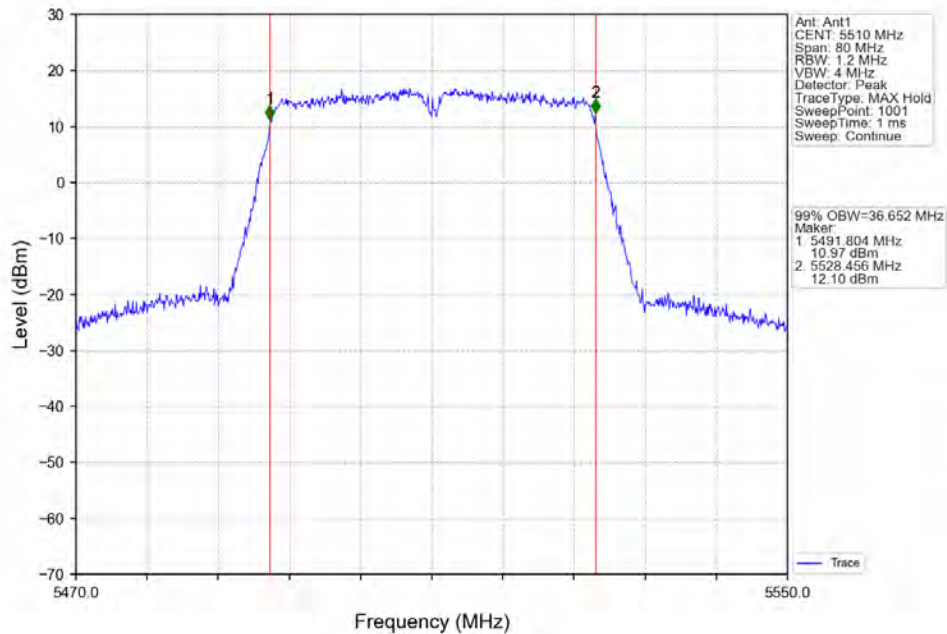
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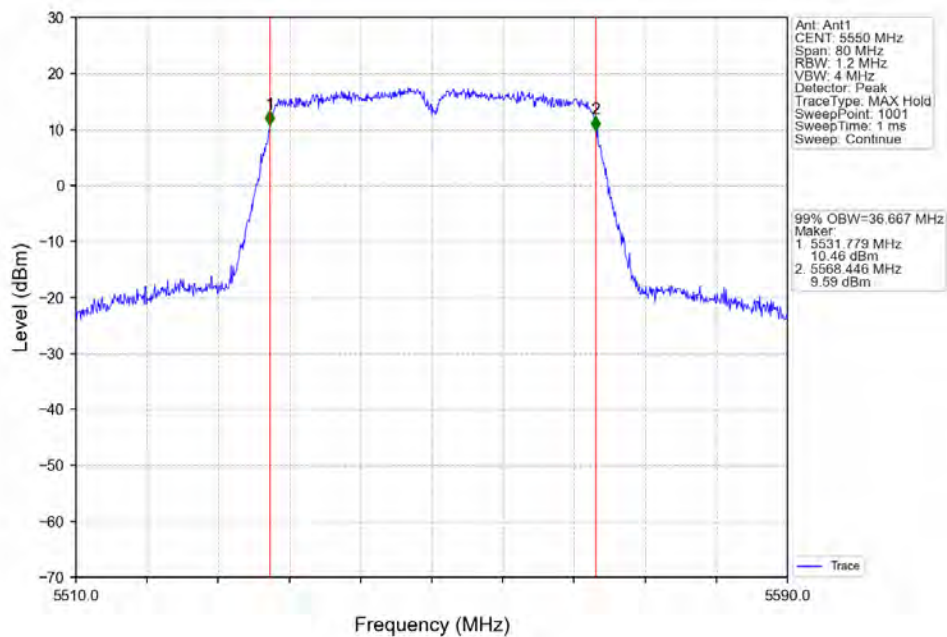
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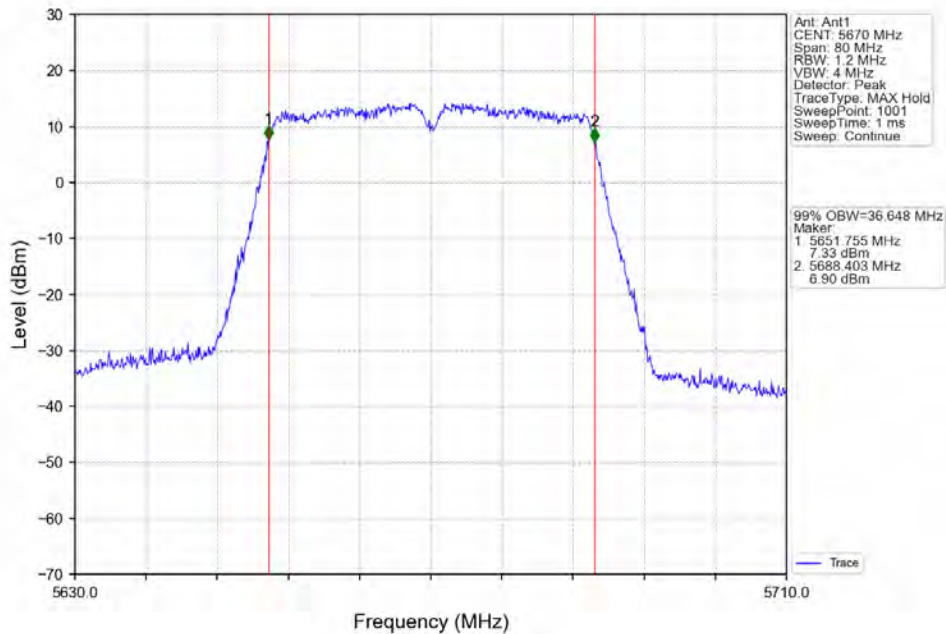
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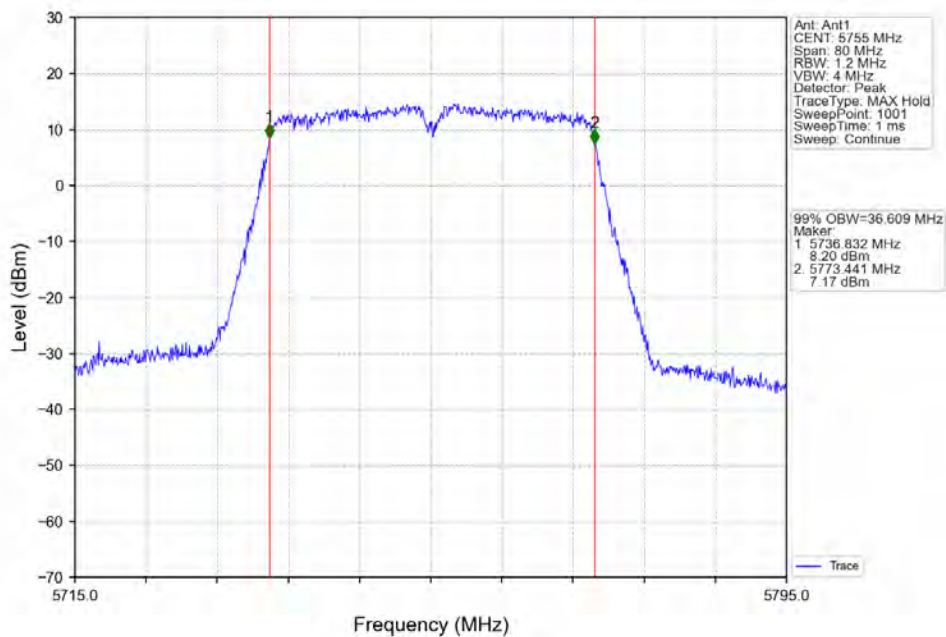
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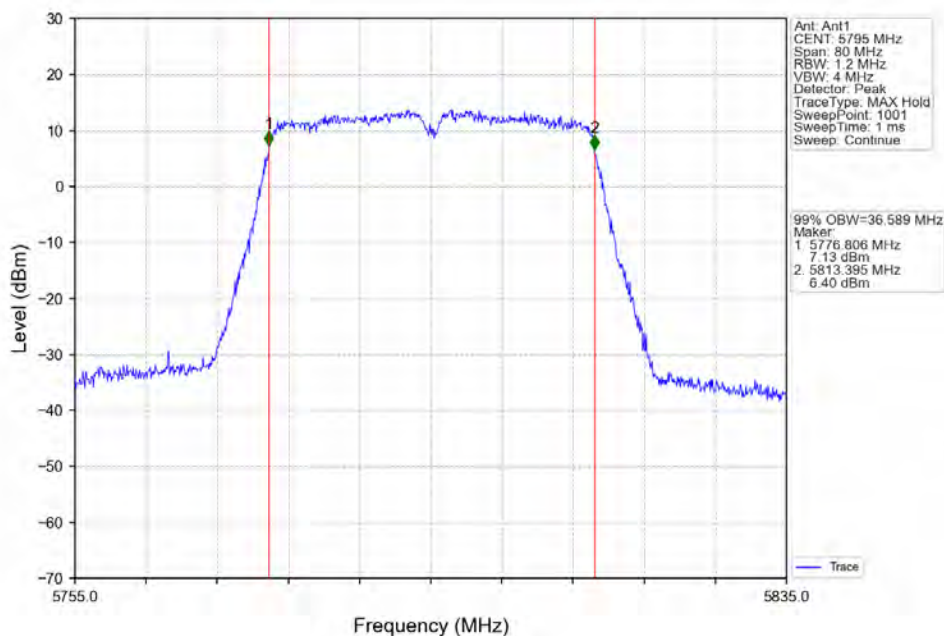
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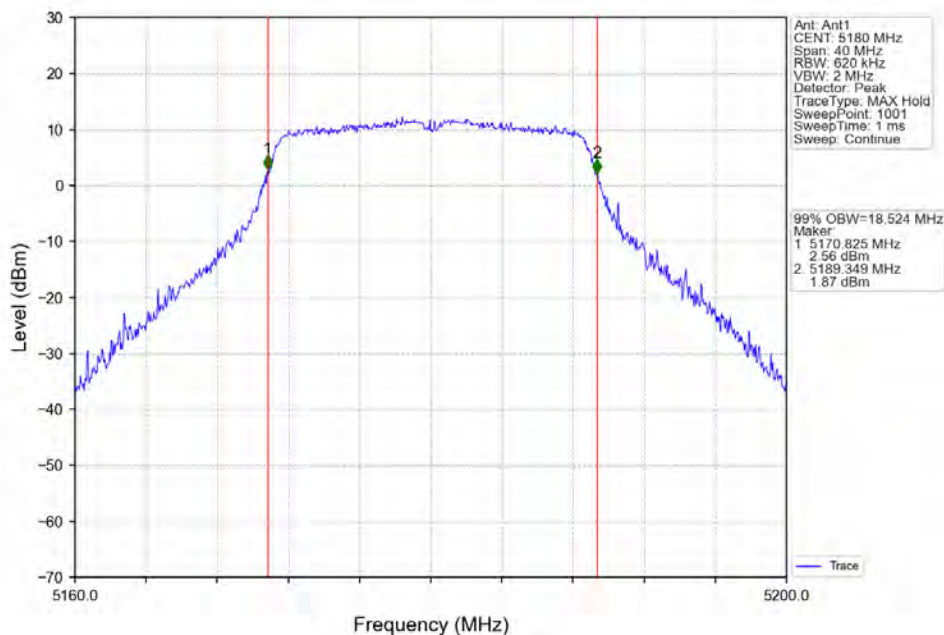
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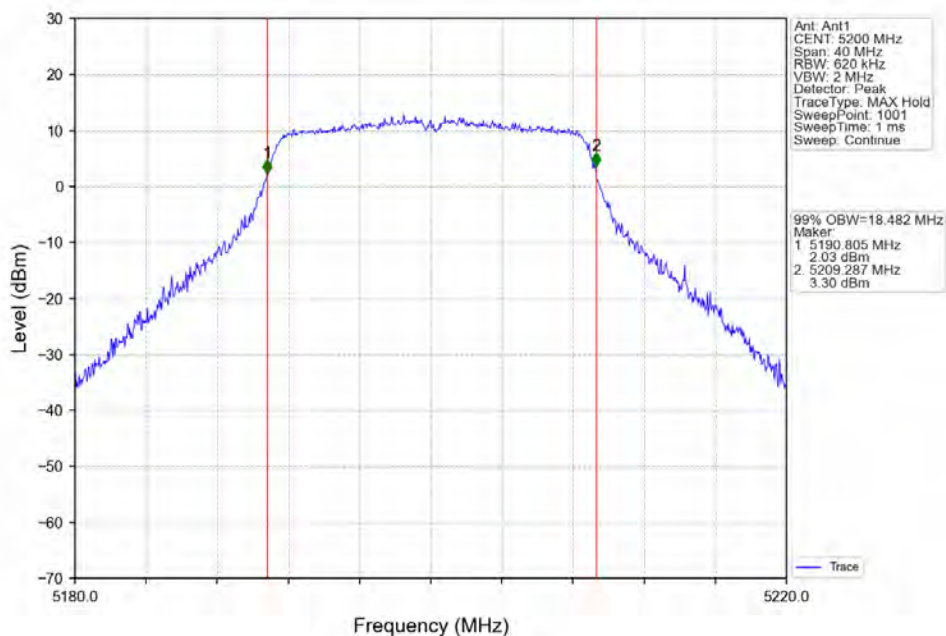
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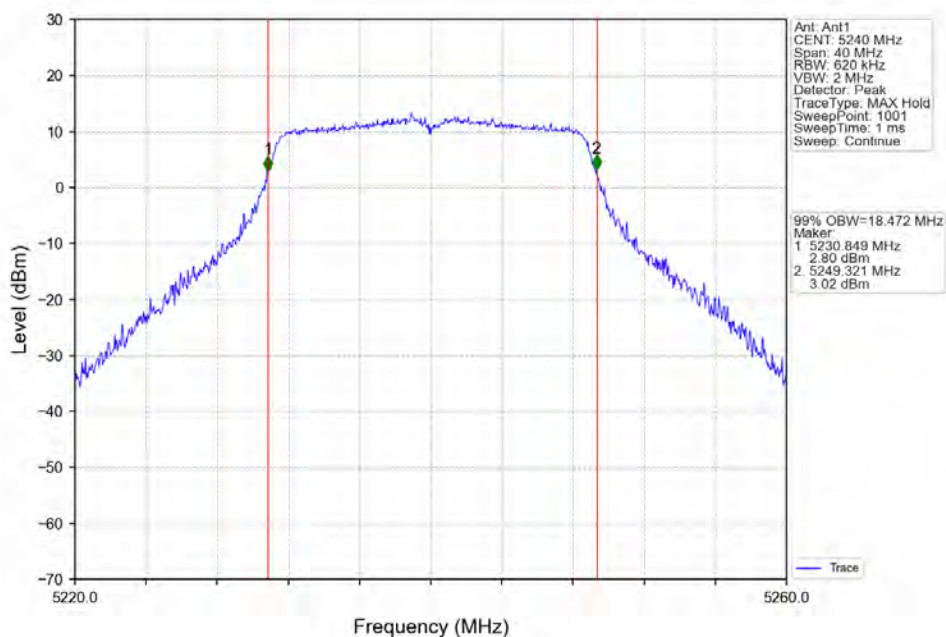
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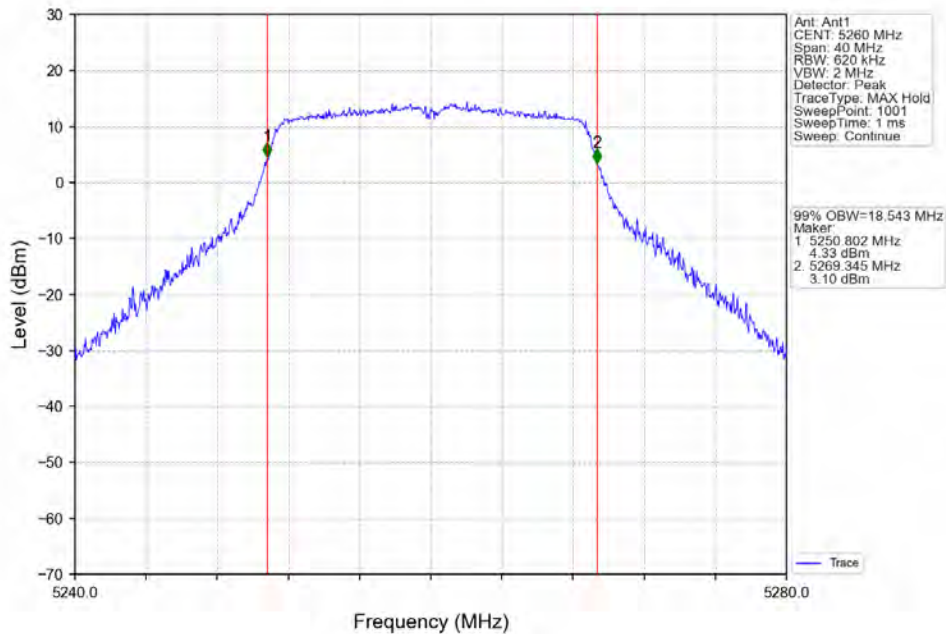
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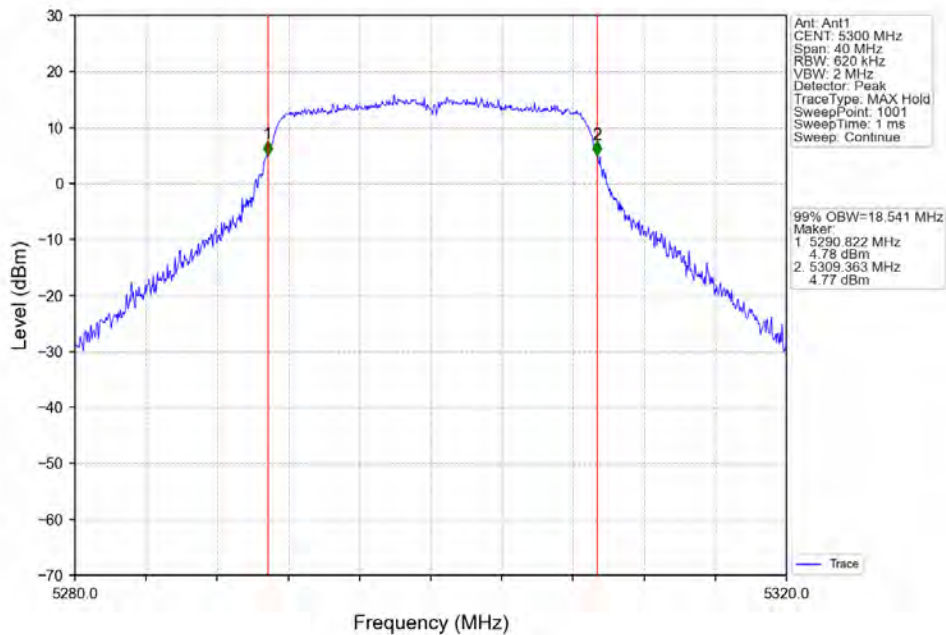
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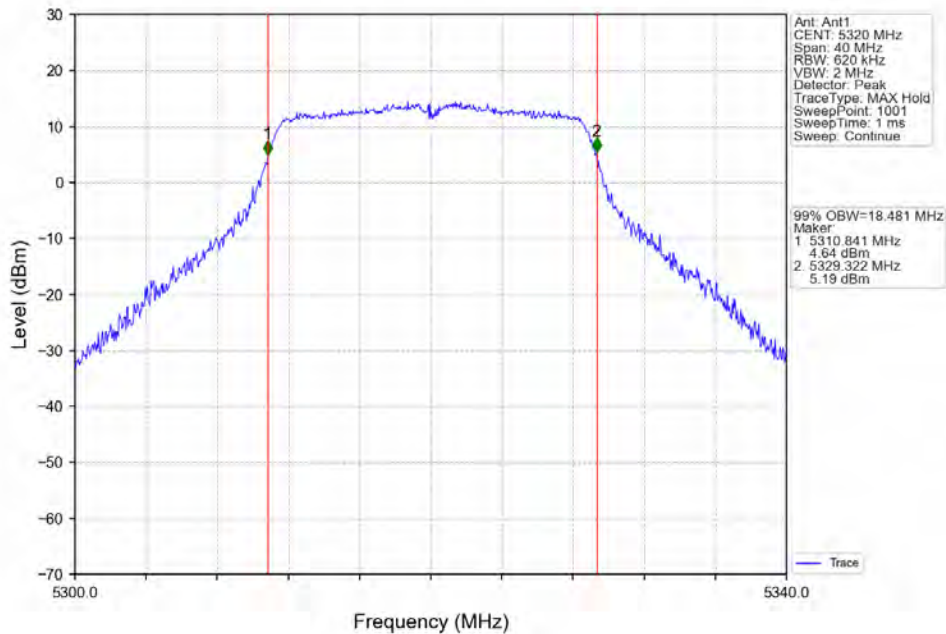
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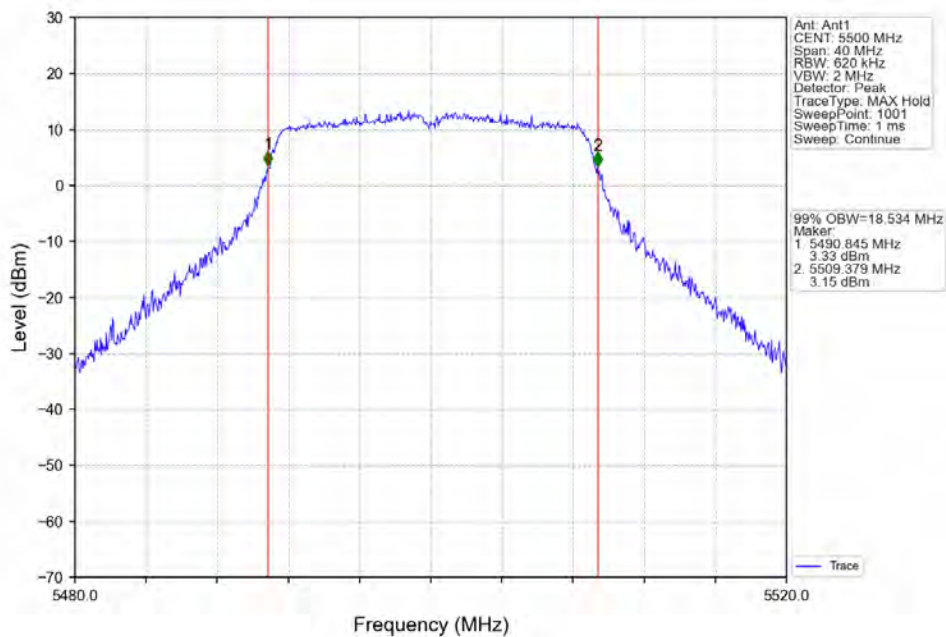
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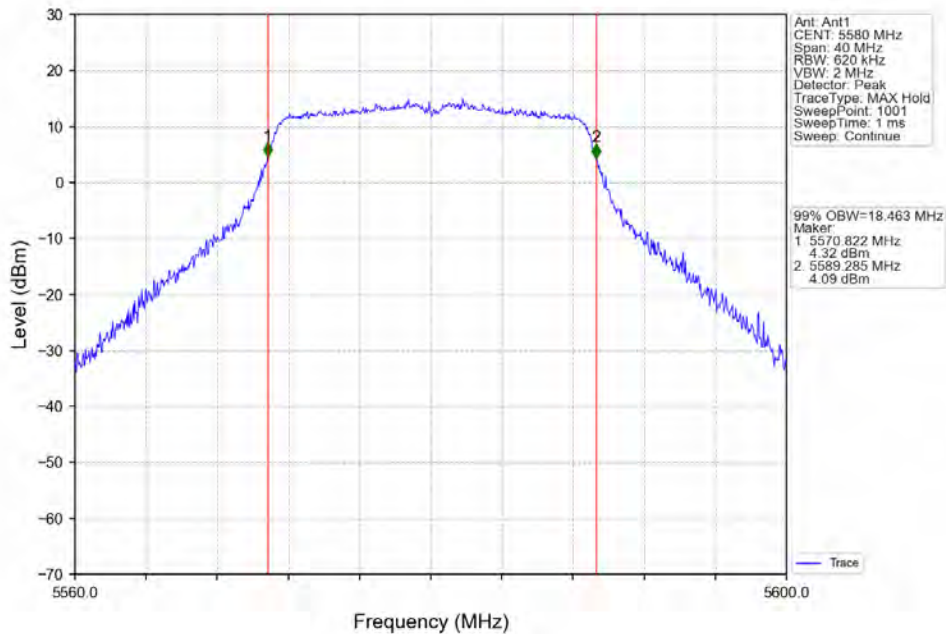
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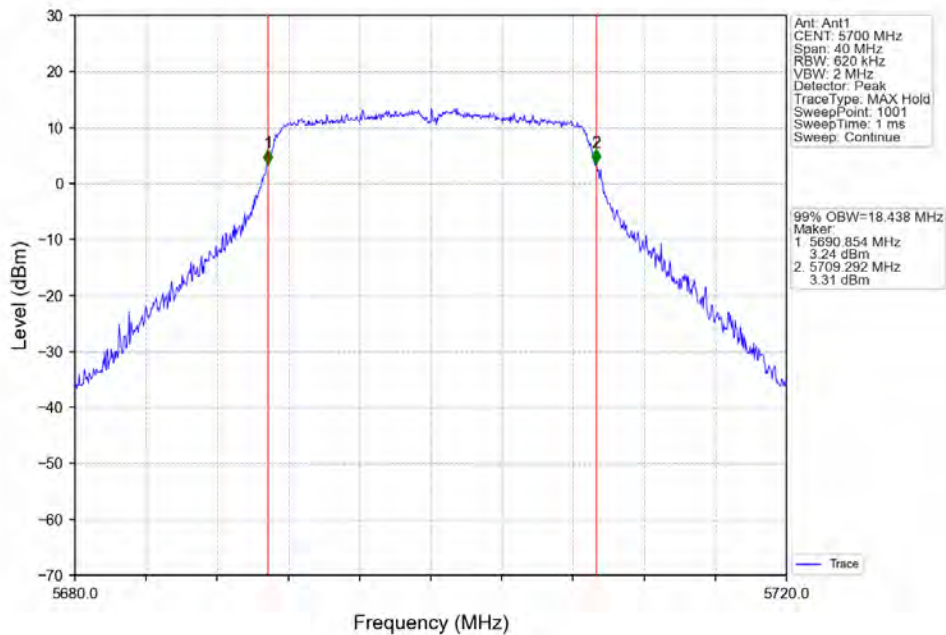
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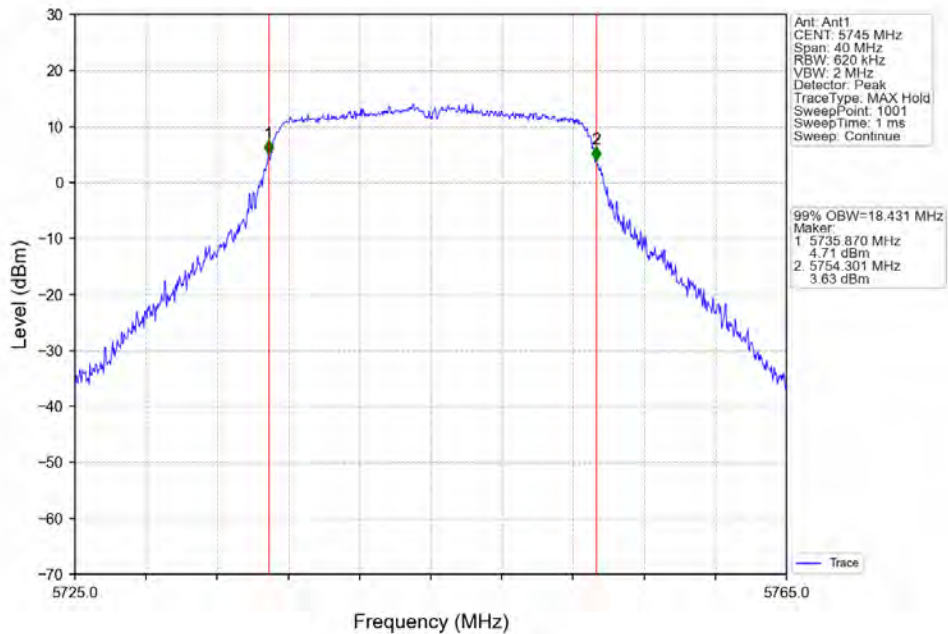
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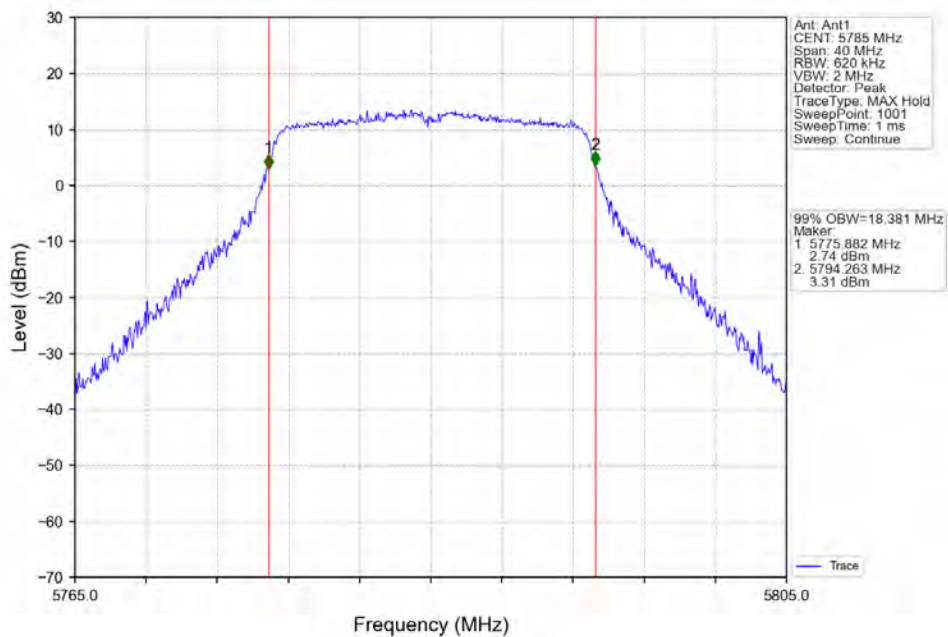
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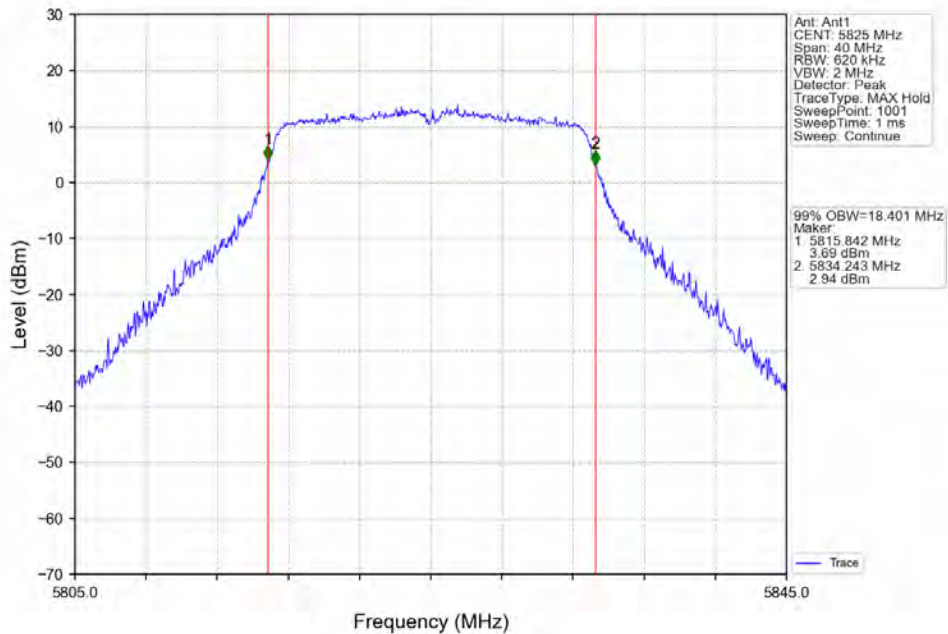
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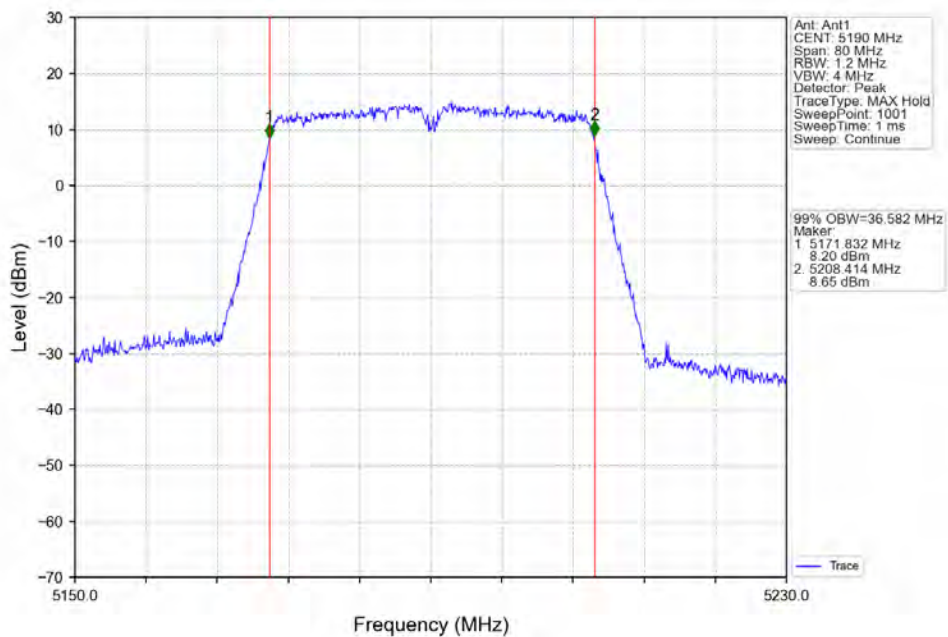
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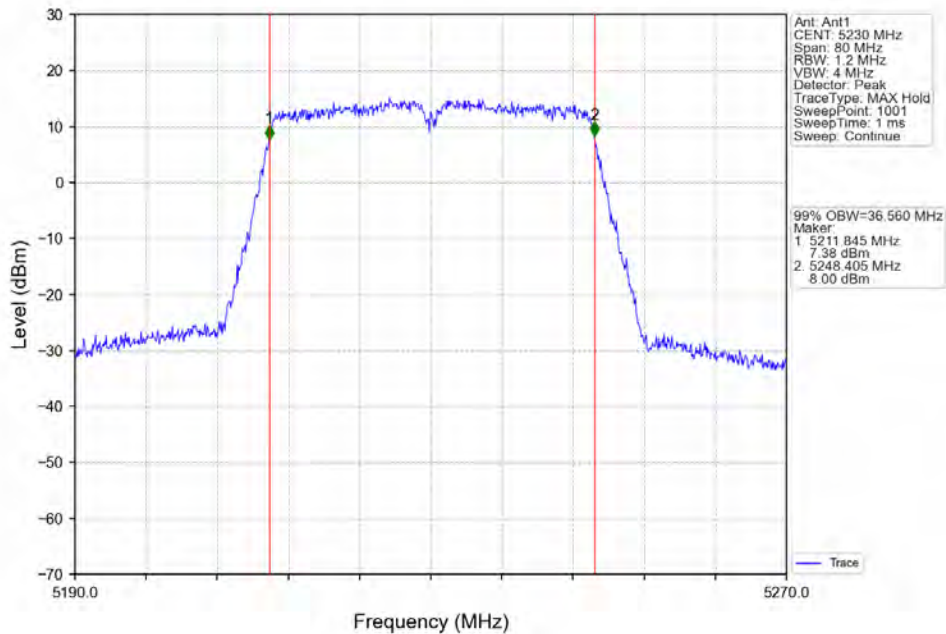
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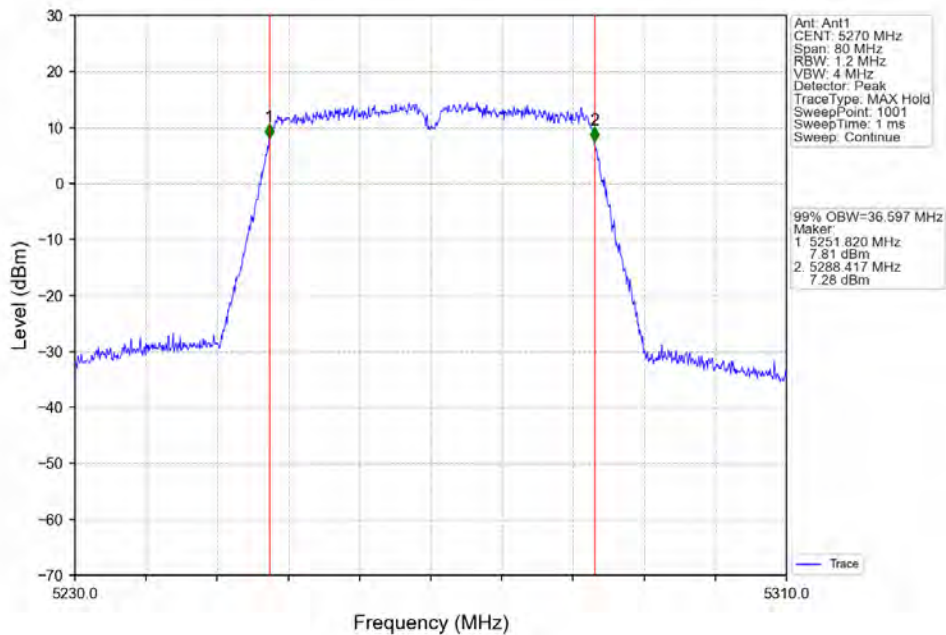
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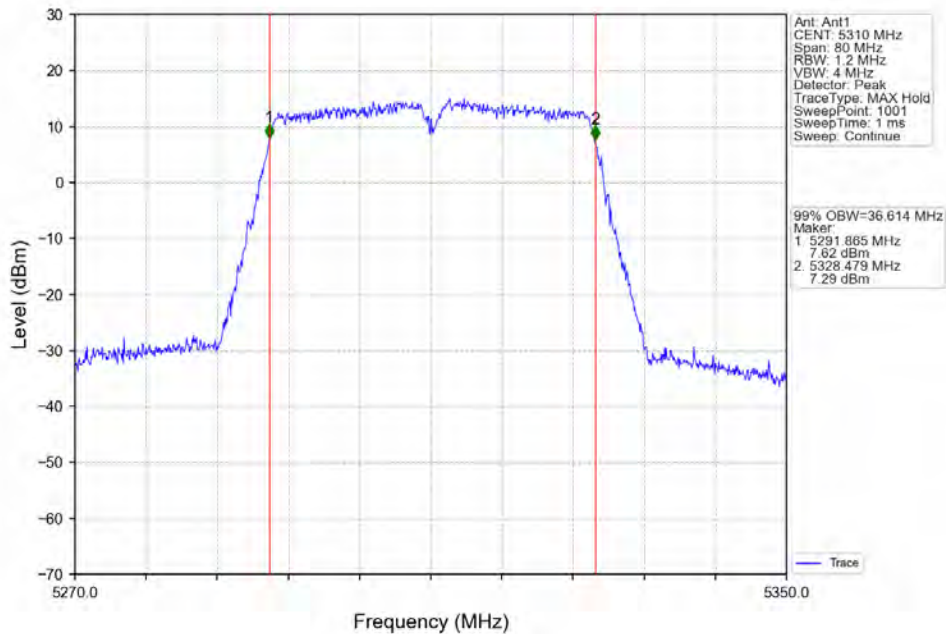
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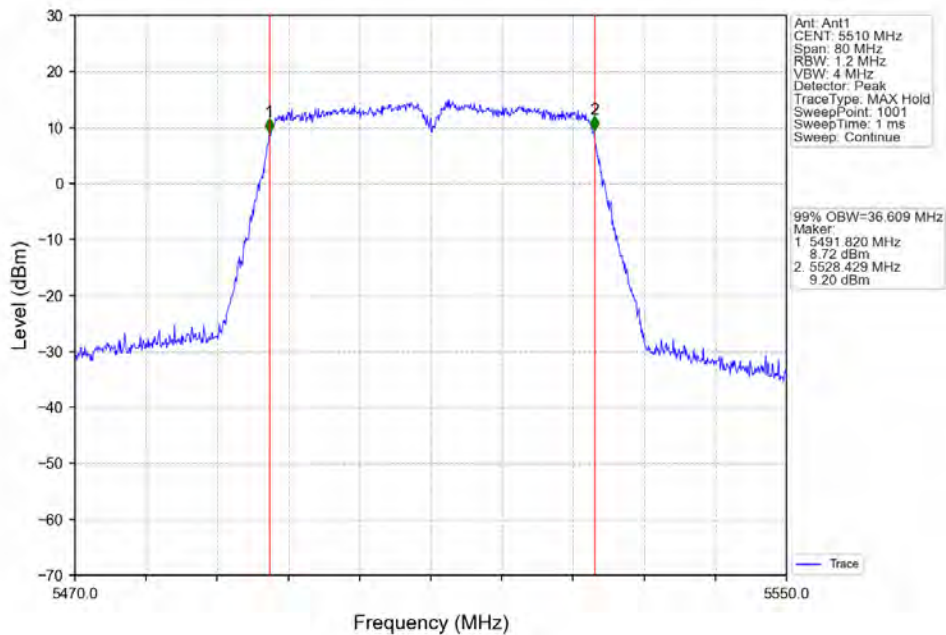
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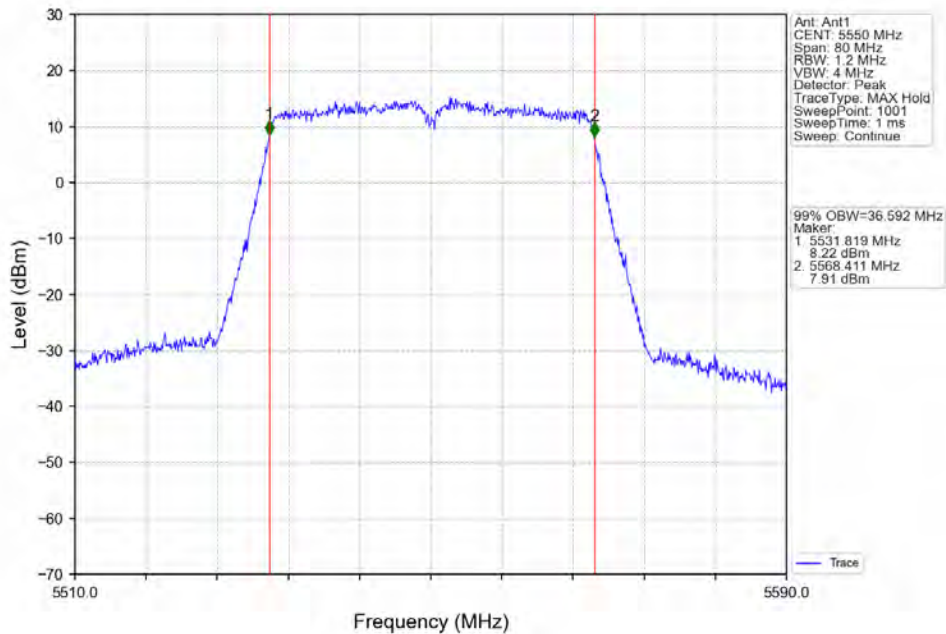
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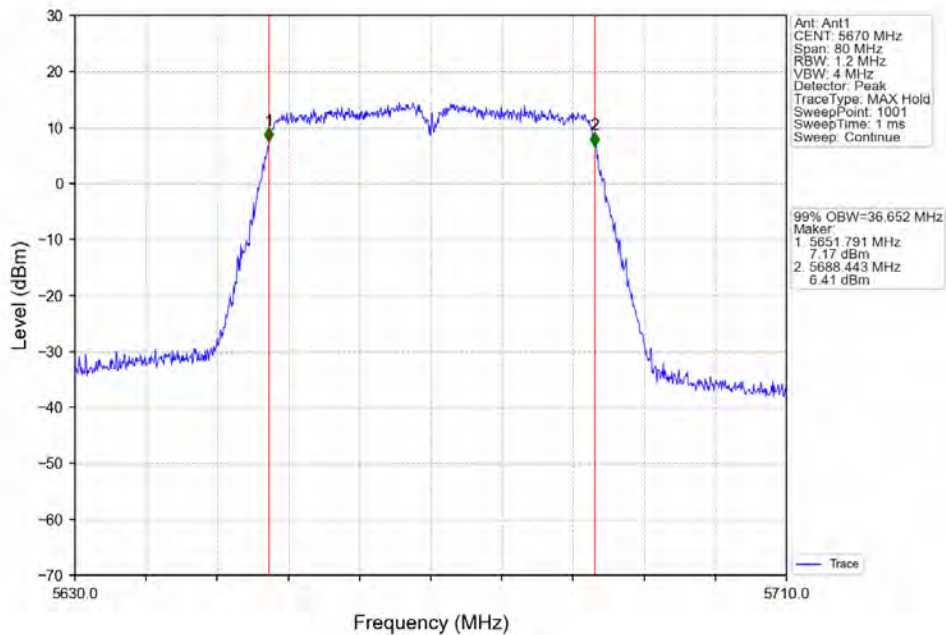
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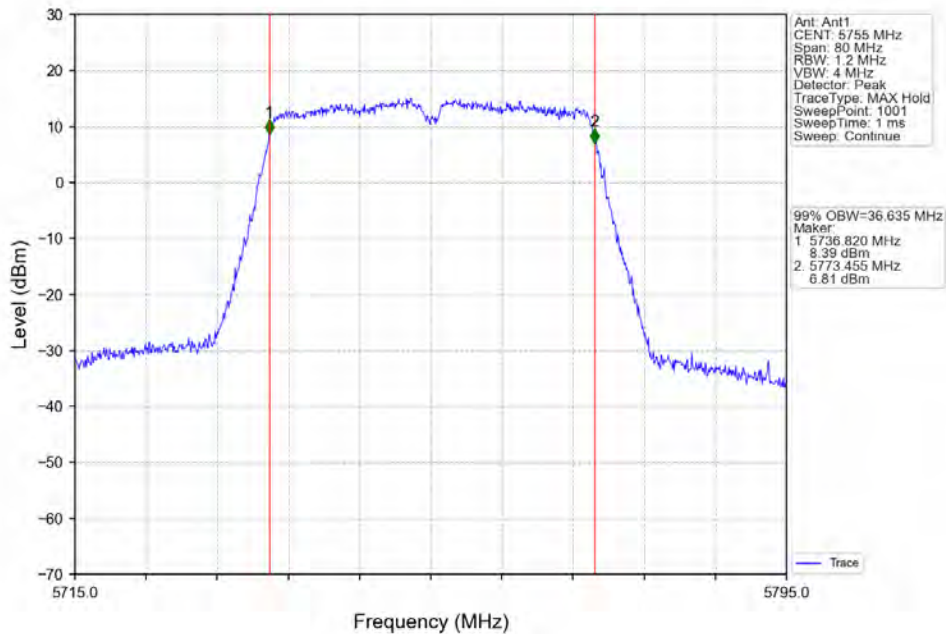
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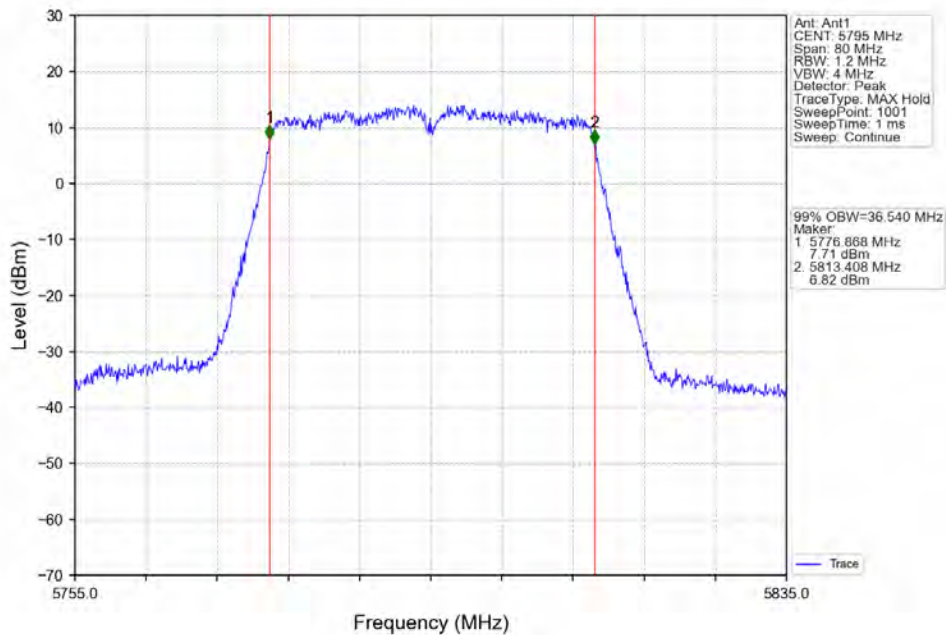
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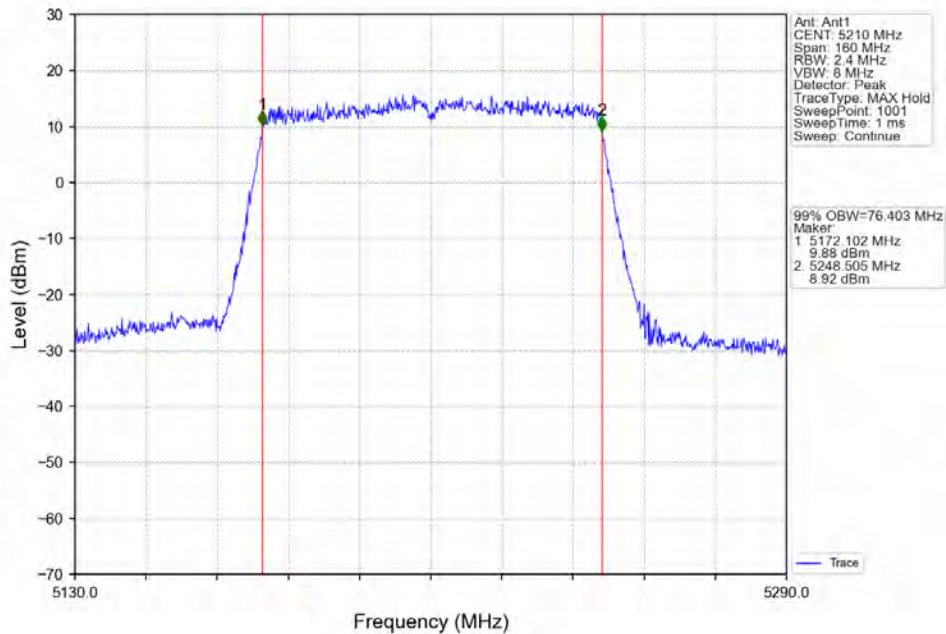
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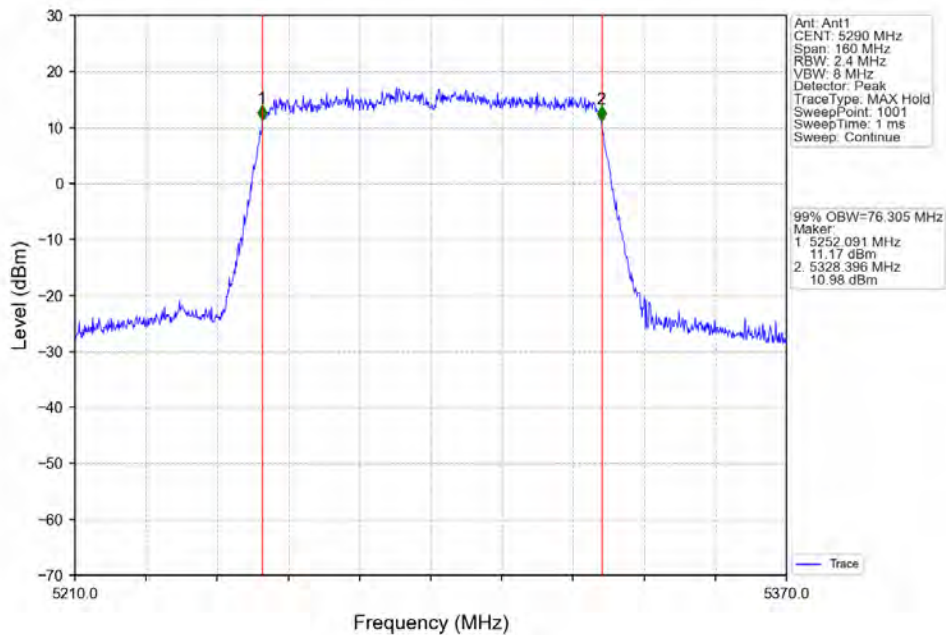
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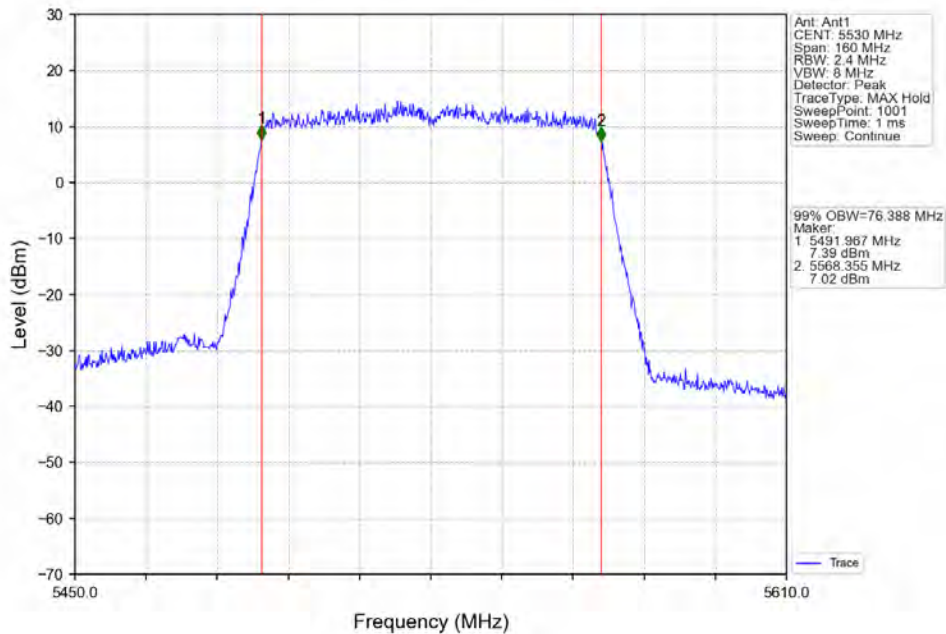
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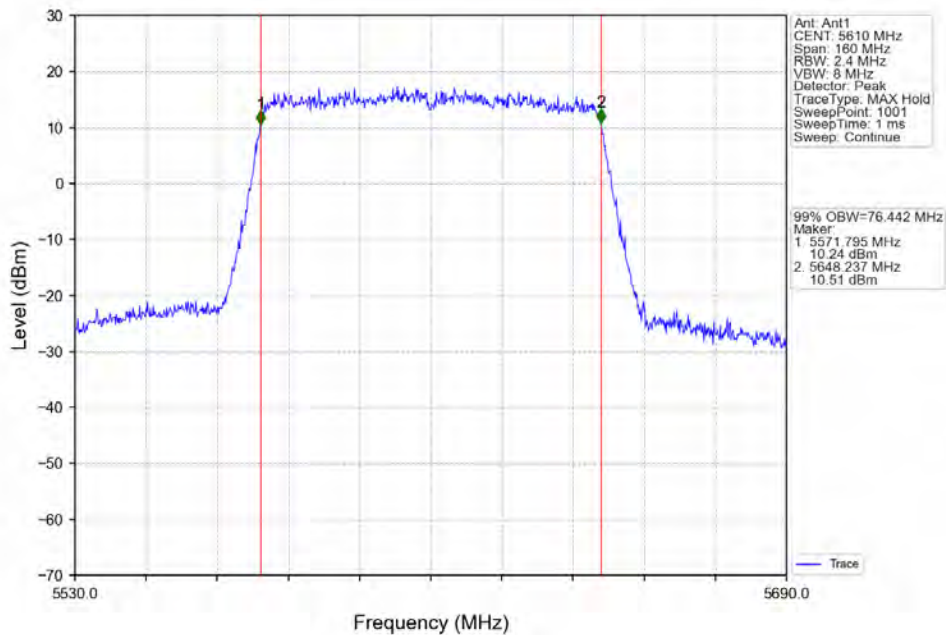
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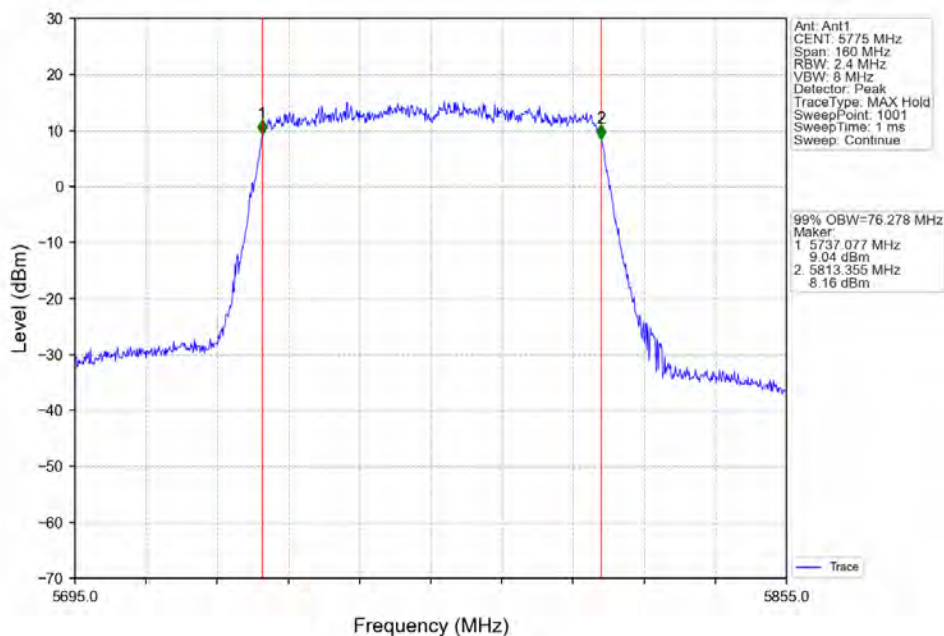
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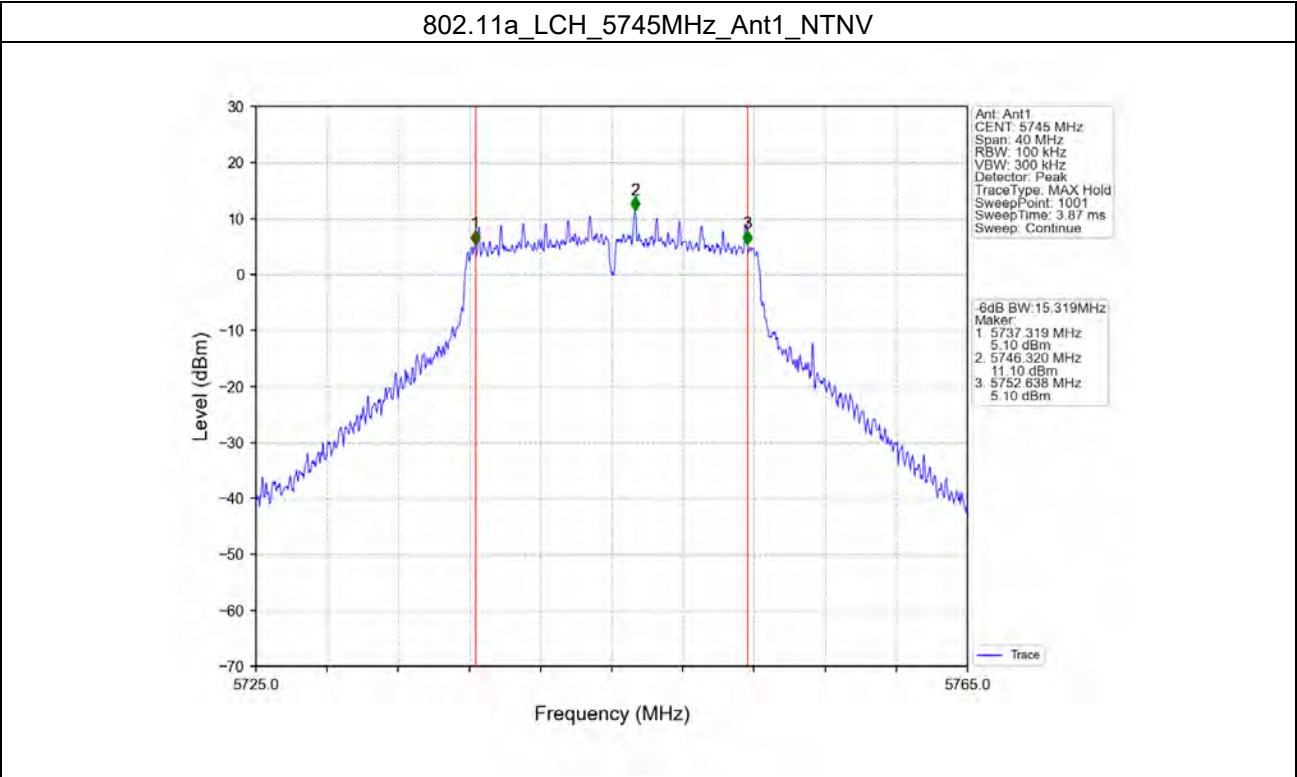
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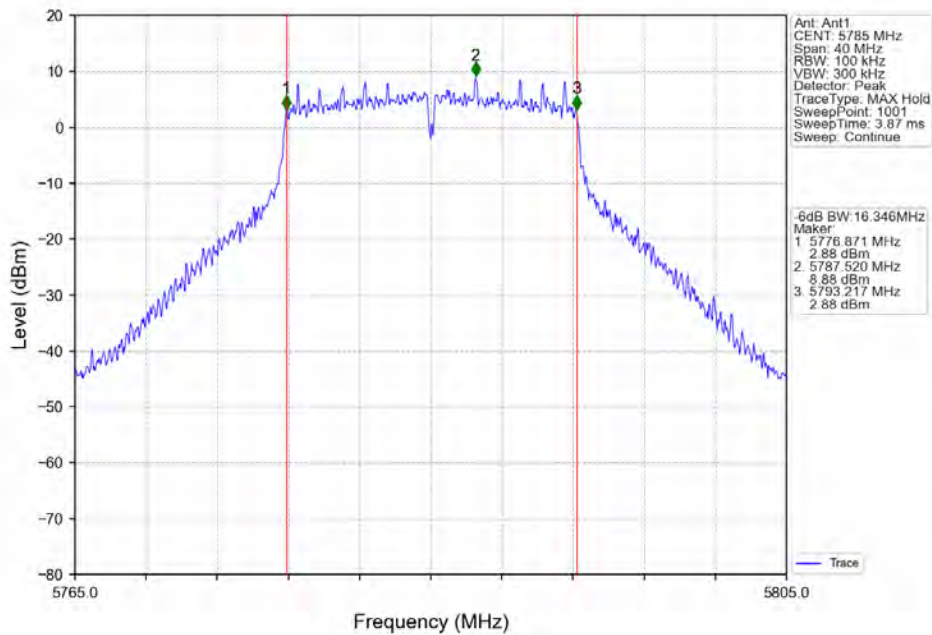
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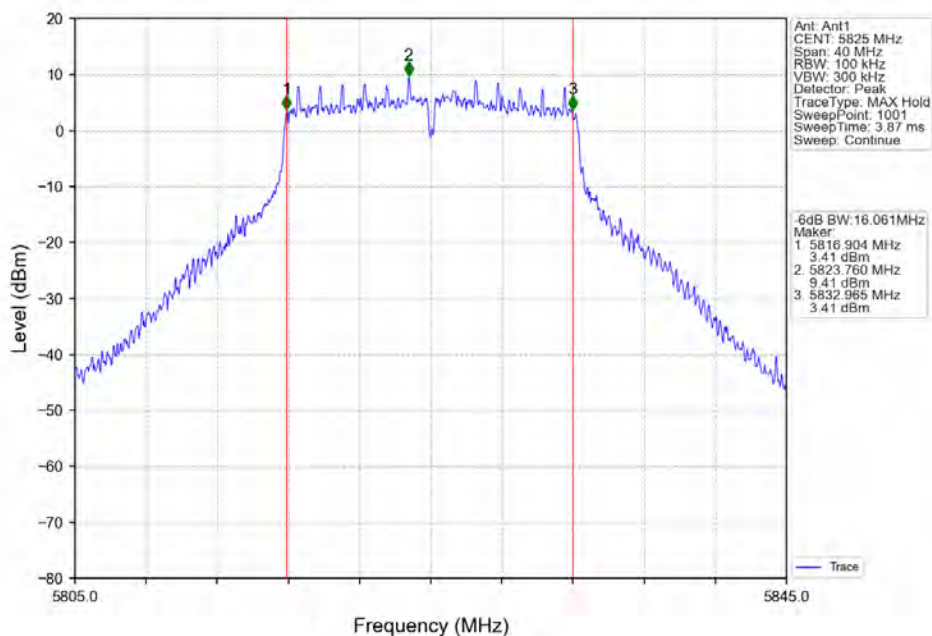
2.2.2 6dB BW



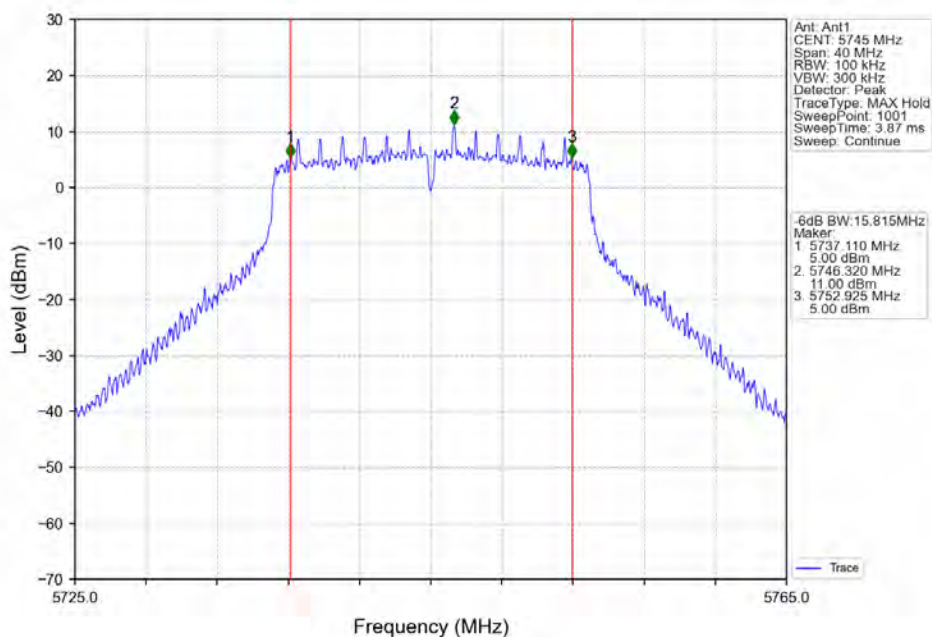
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802.11a_HCH_5825MHz_Ant1_NTNV



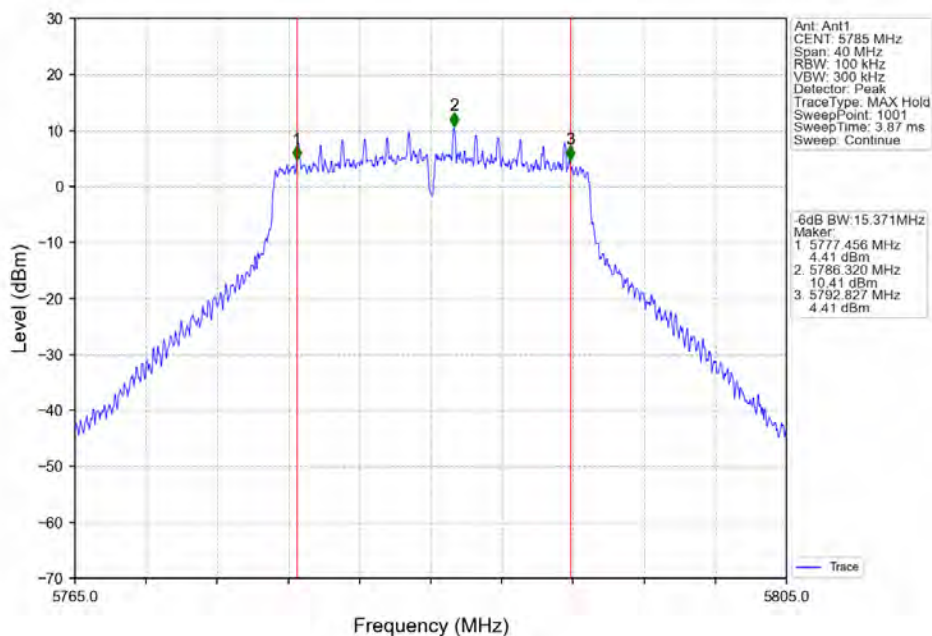
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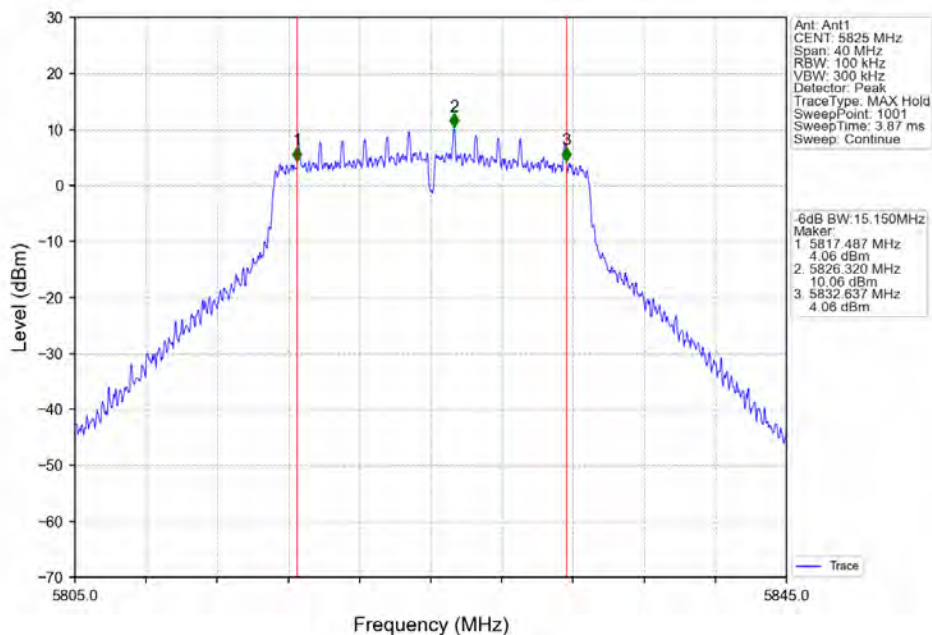
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



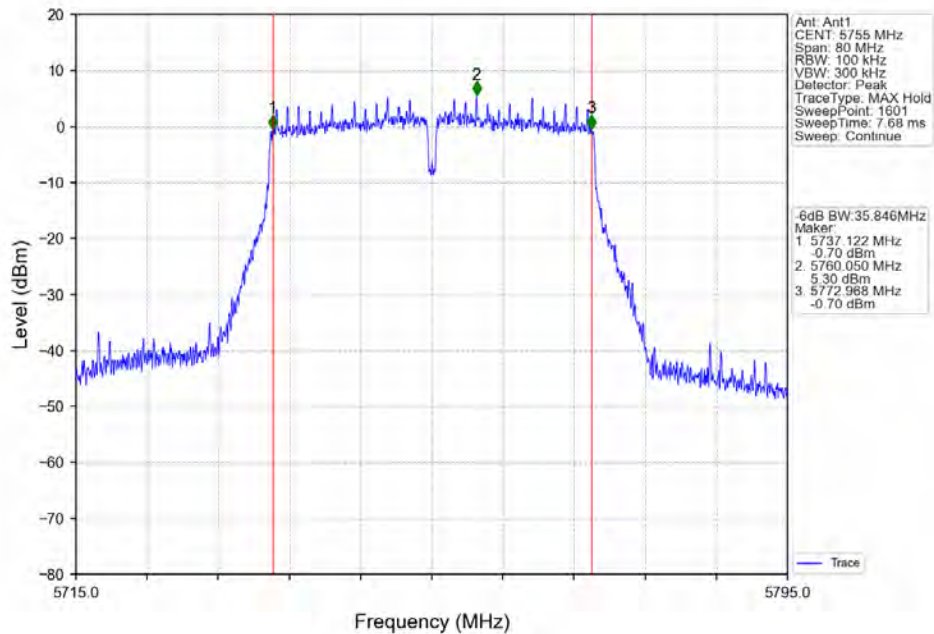
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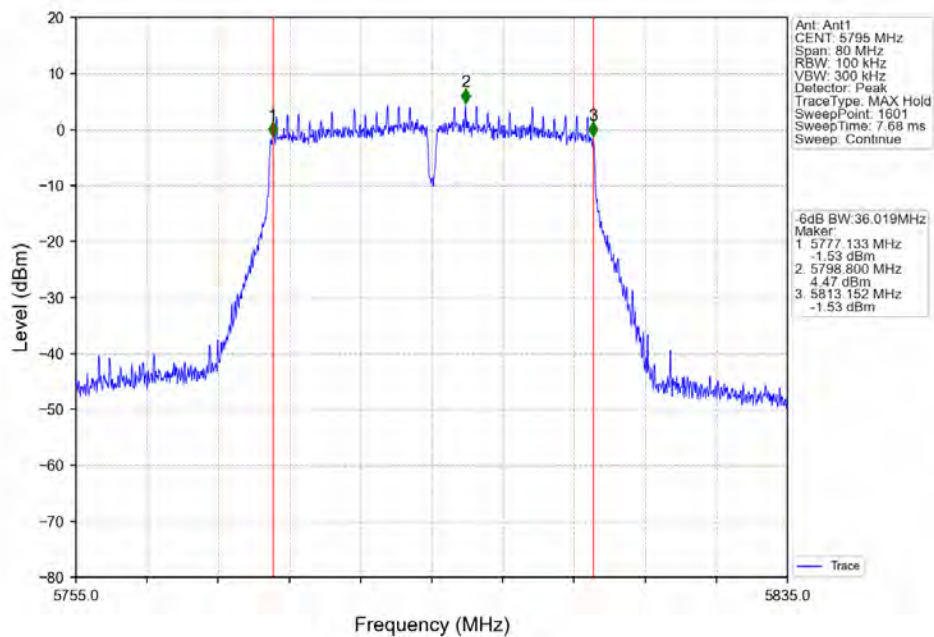
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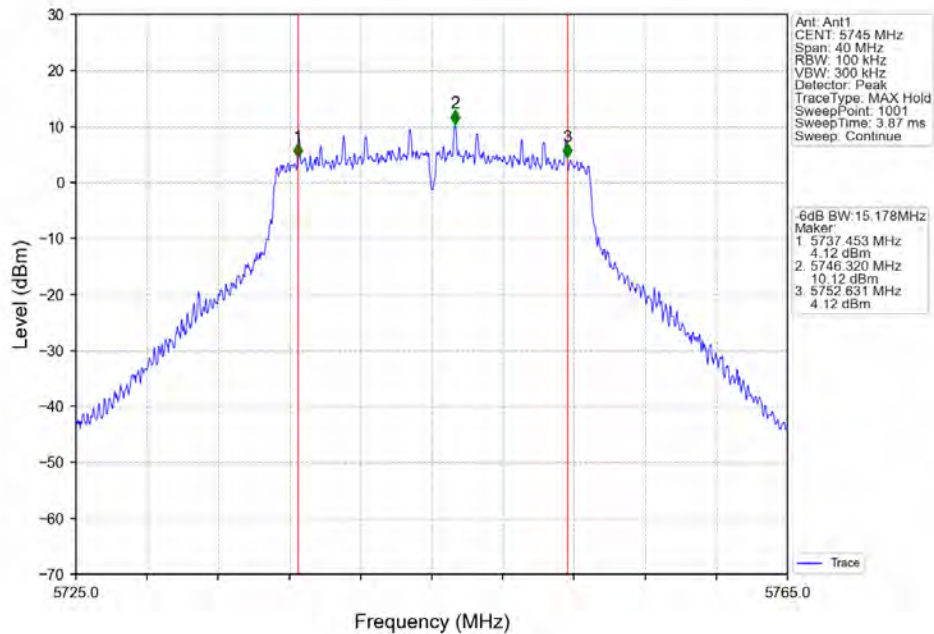
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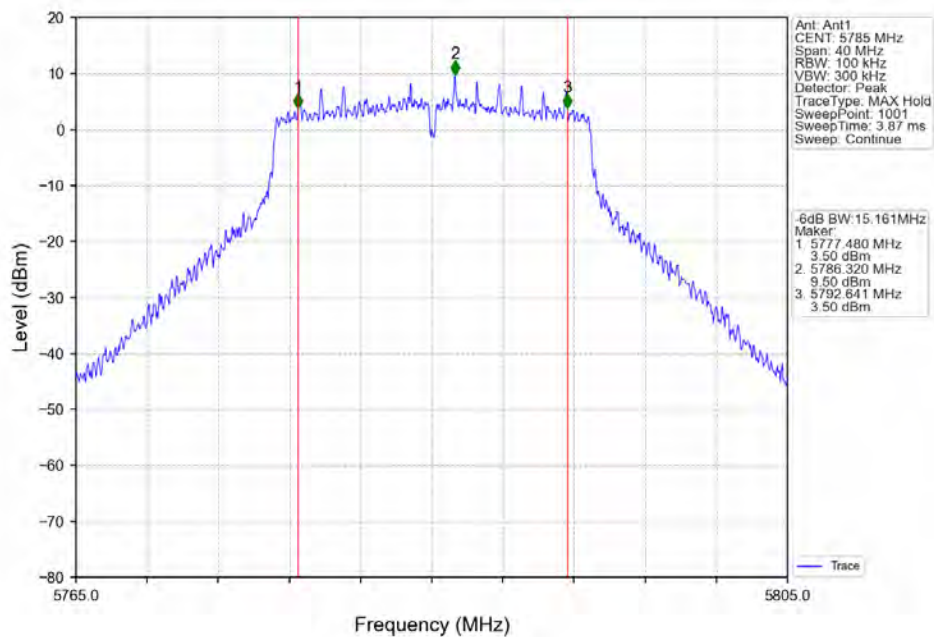
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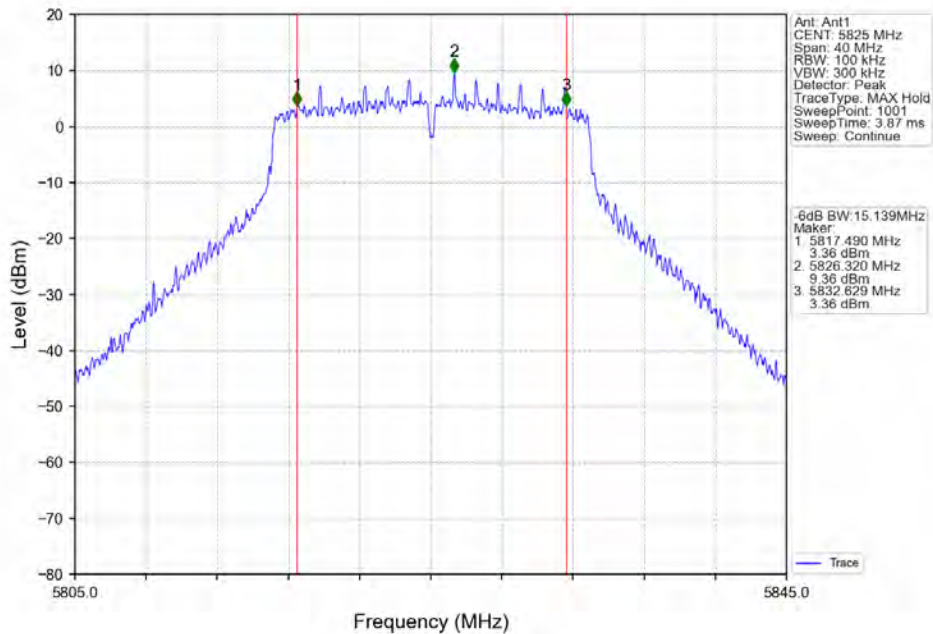
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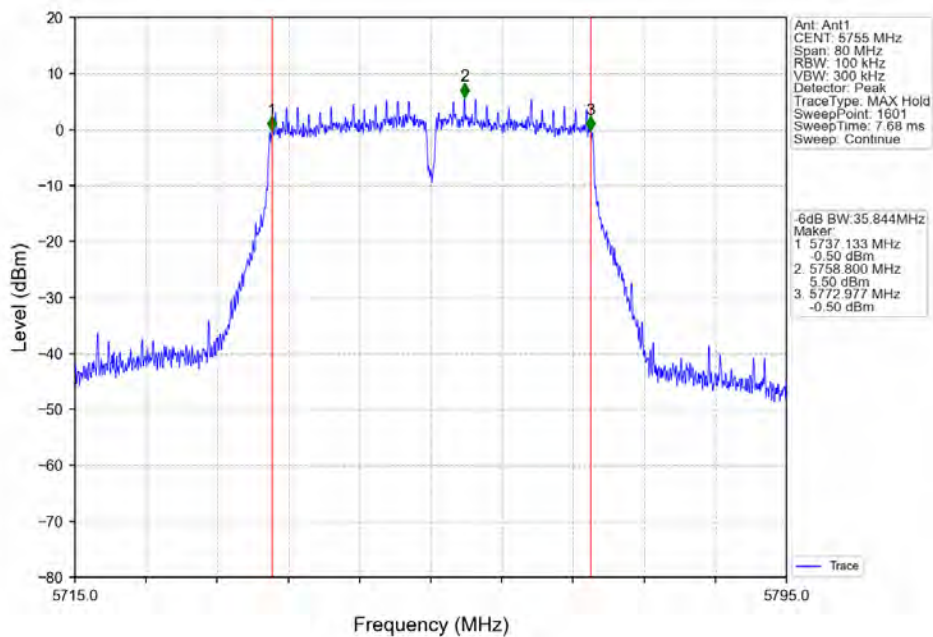
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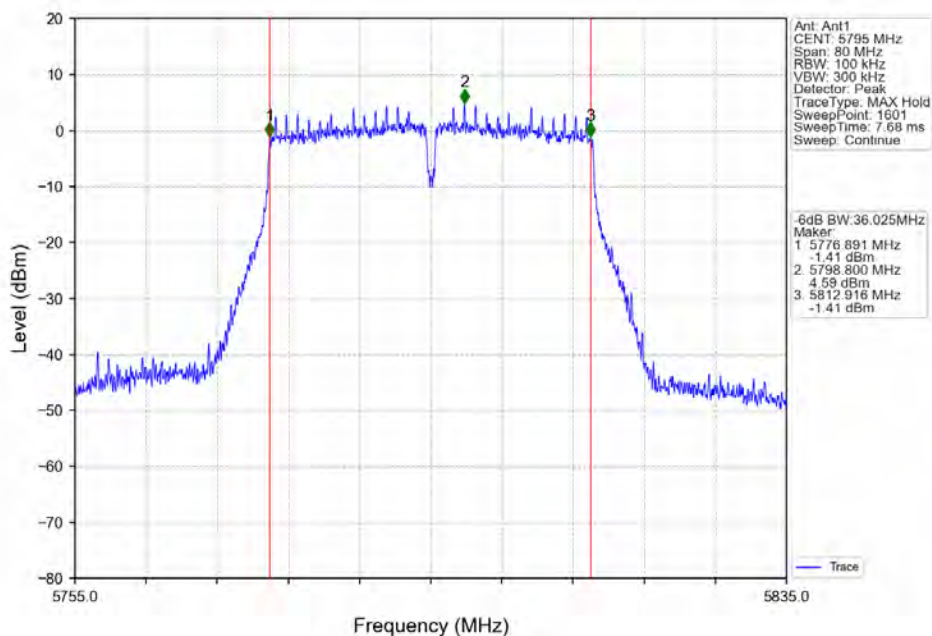
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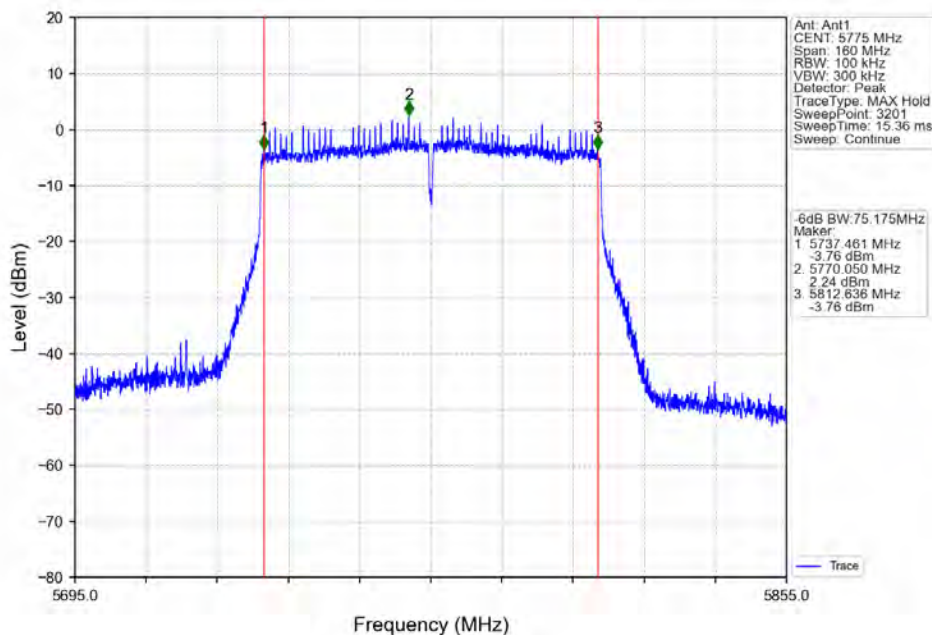
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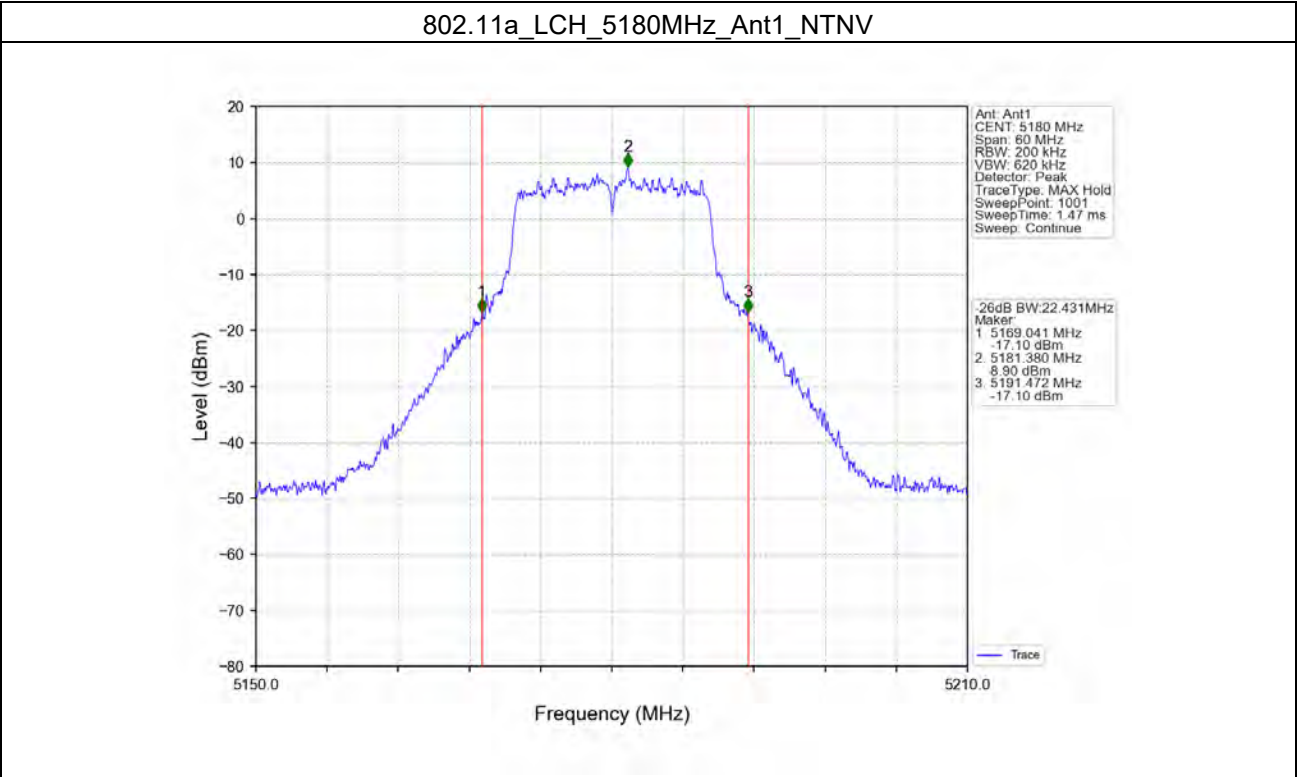
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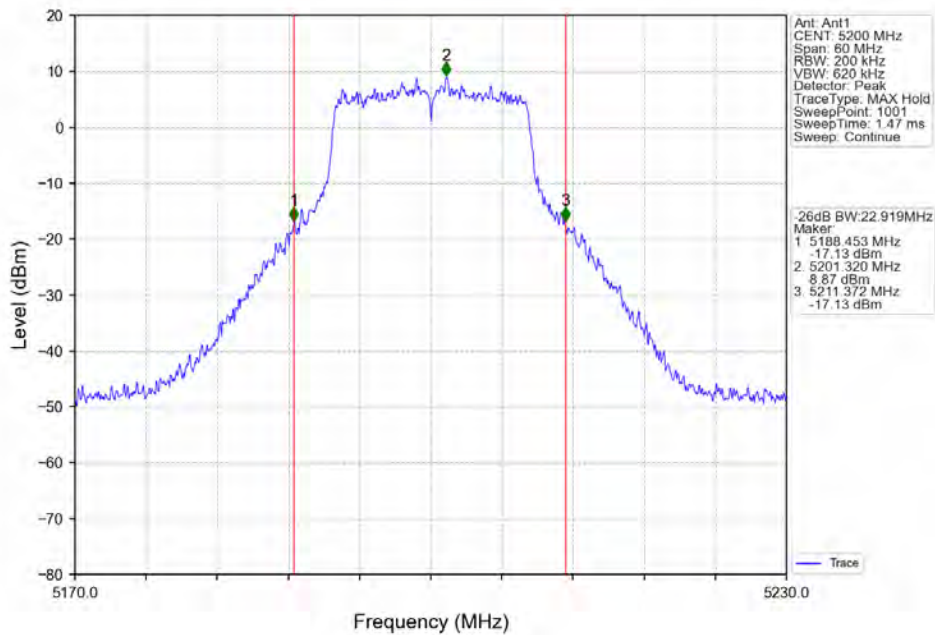
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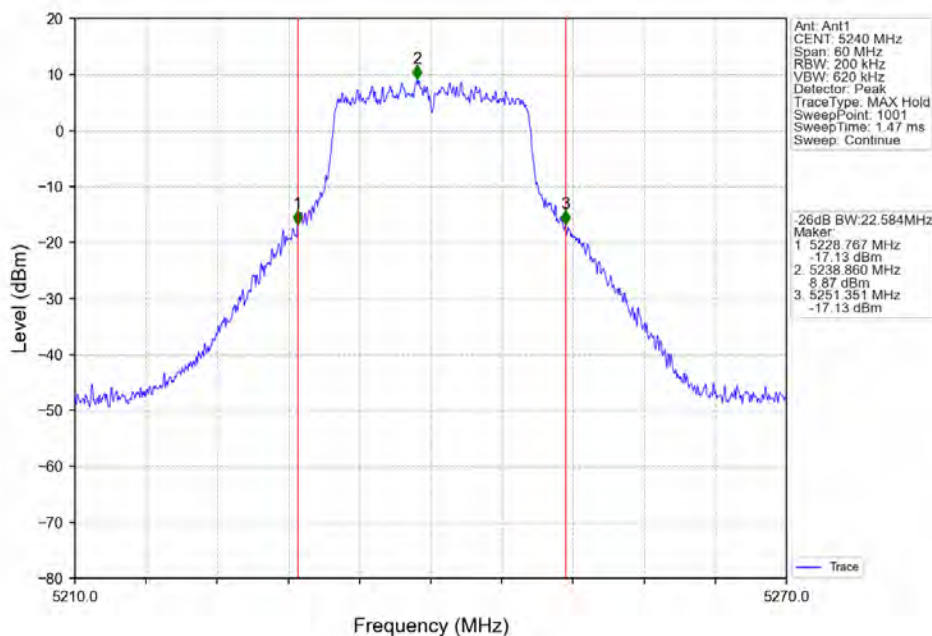
2.2.3 26dB BW



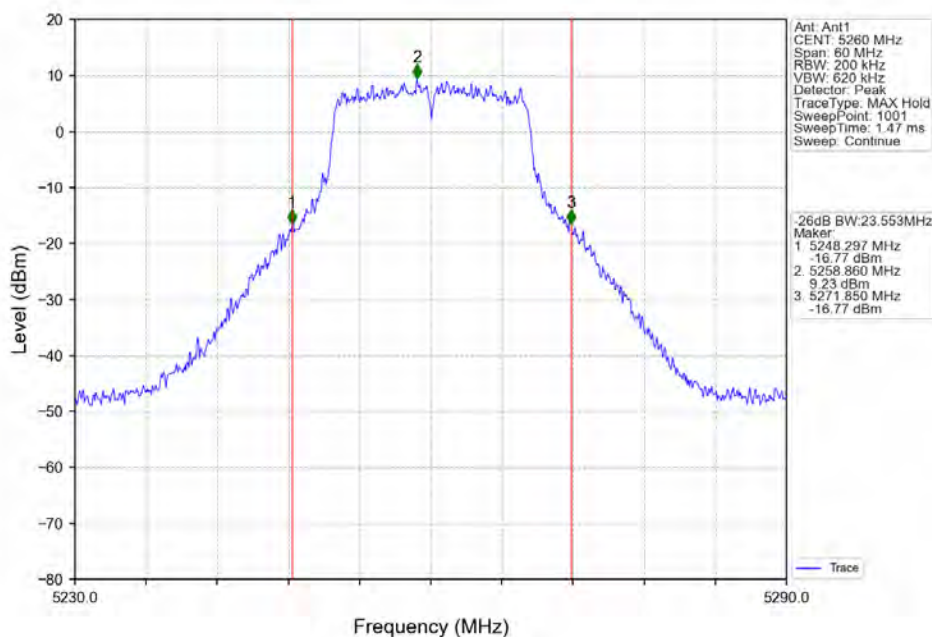
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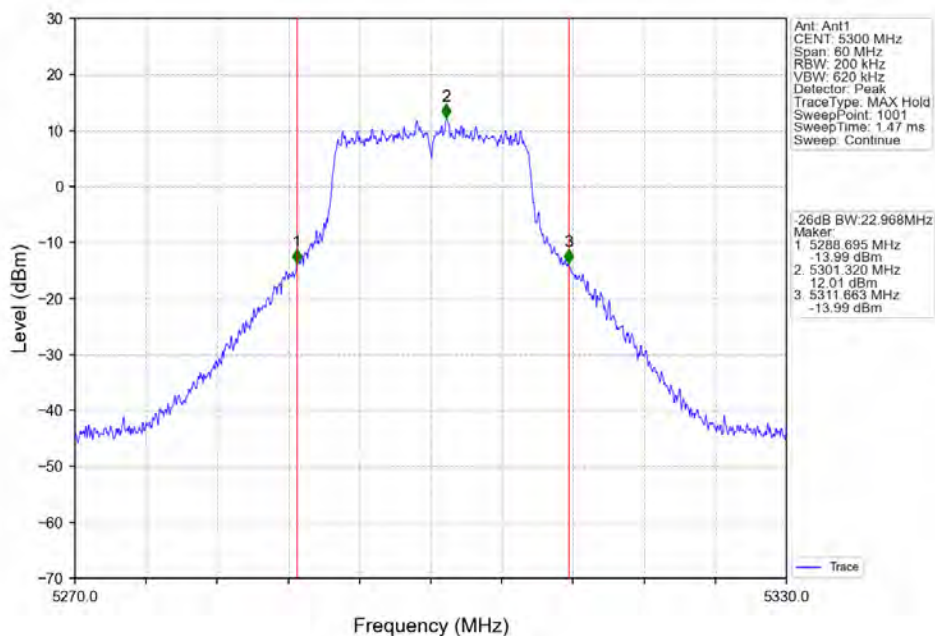
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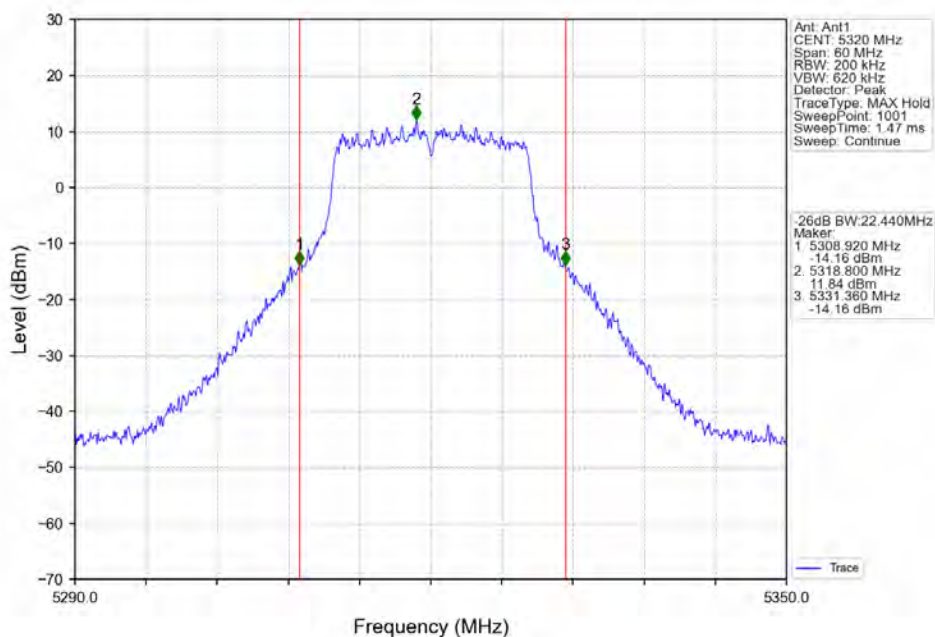
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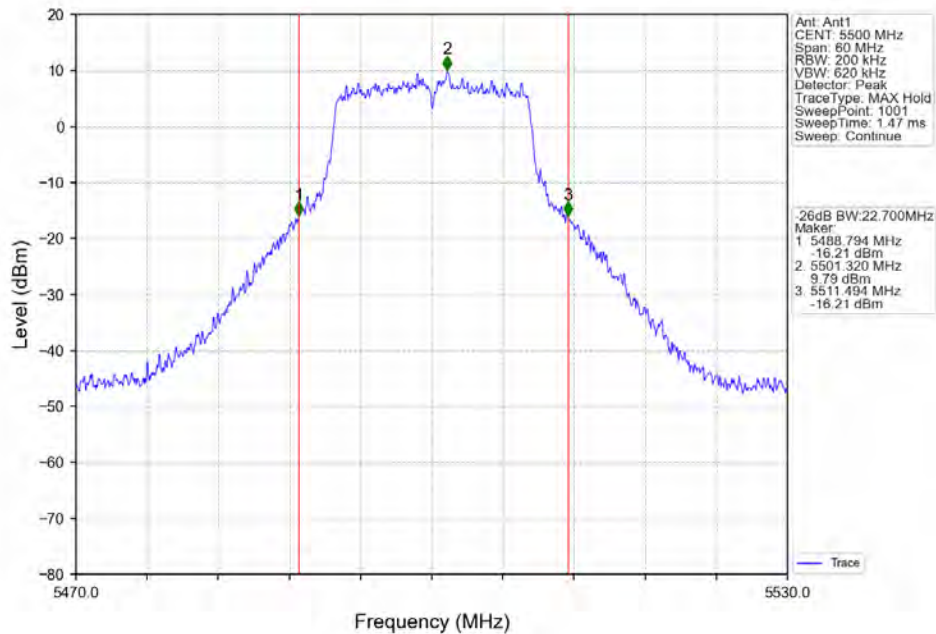
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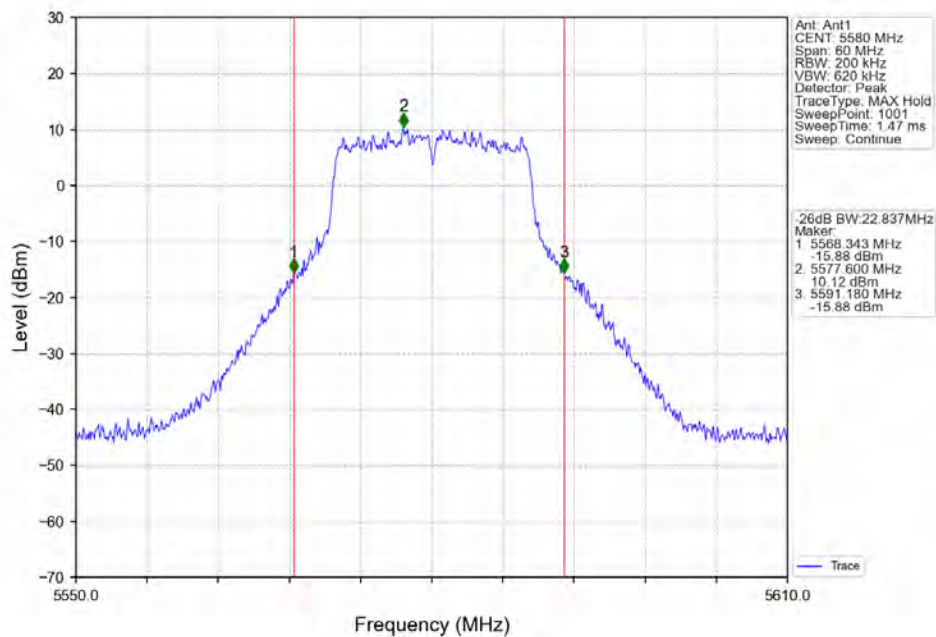
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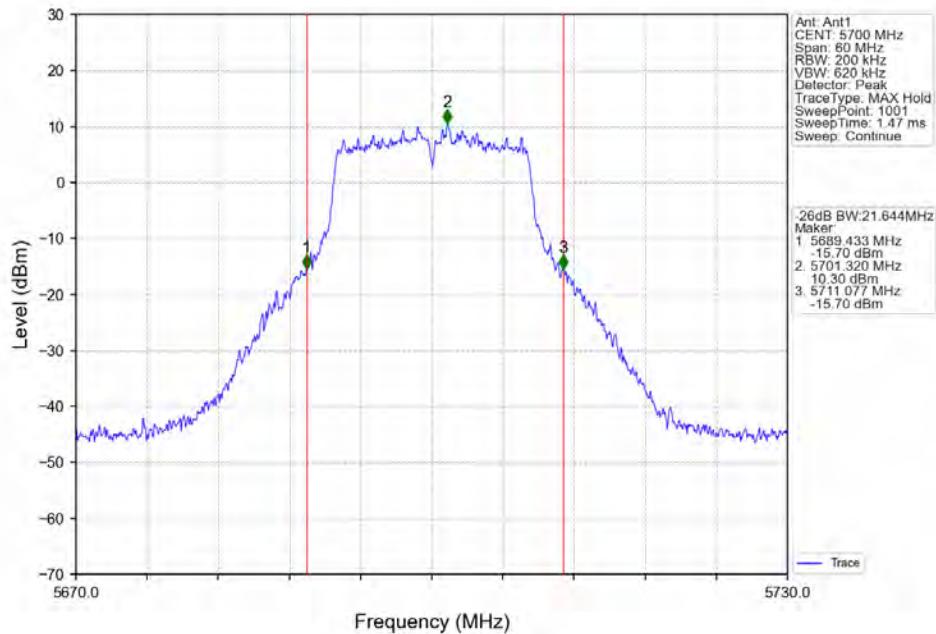
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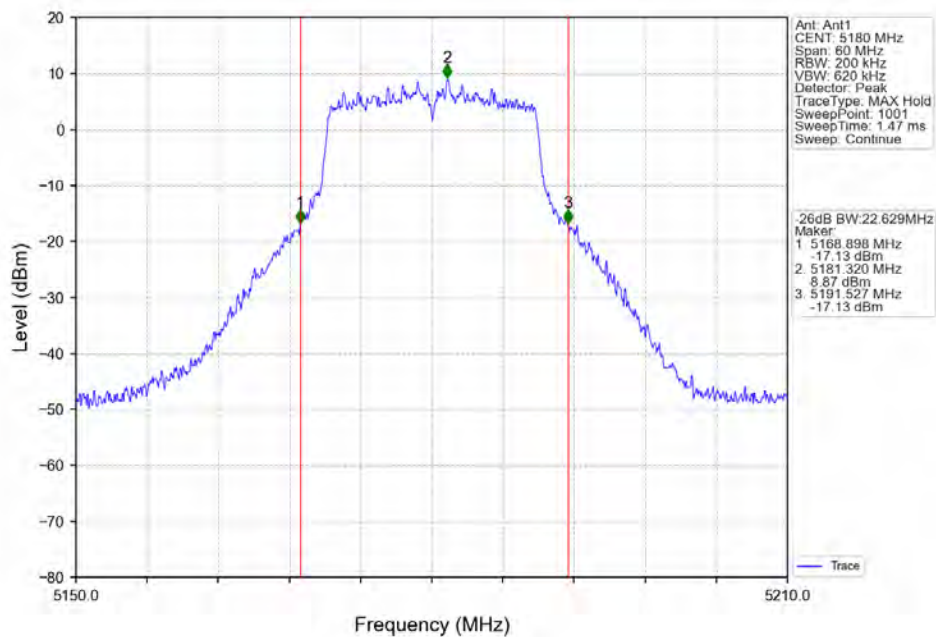
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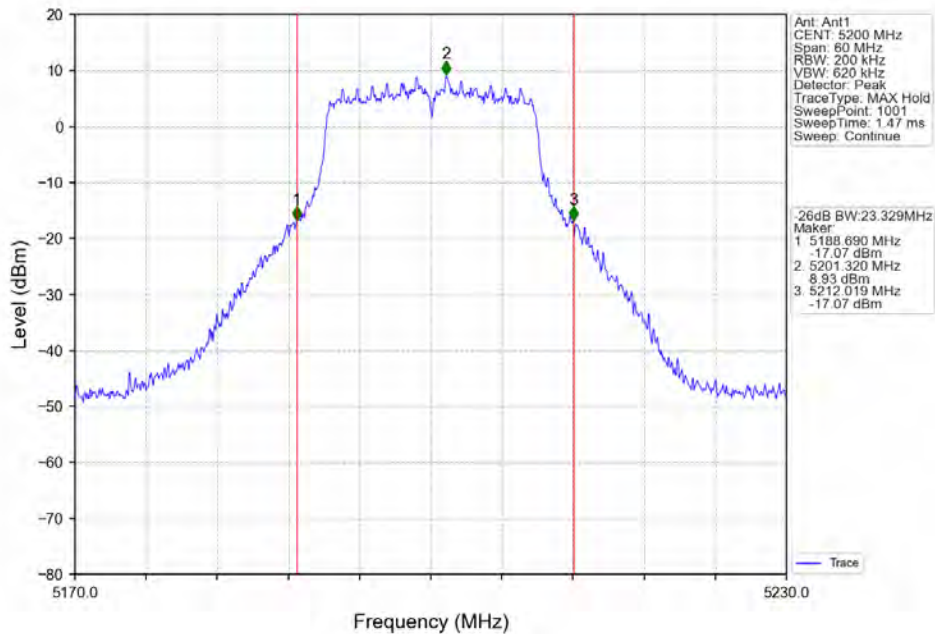
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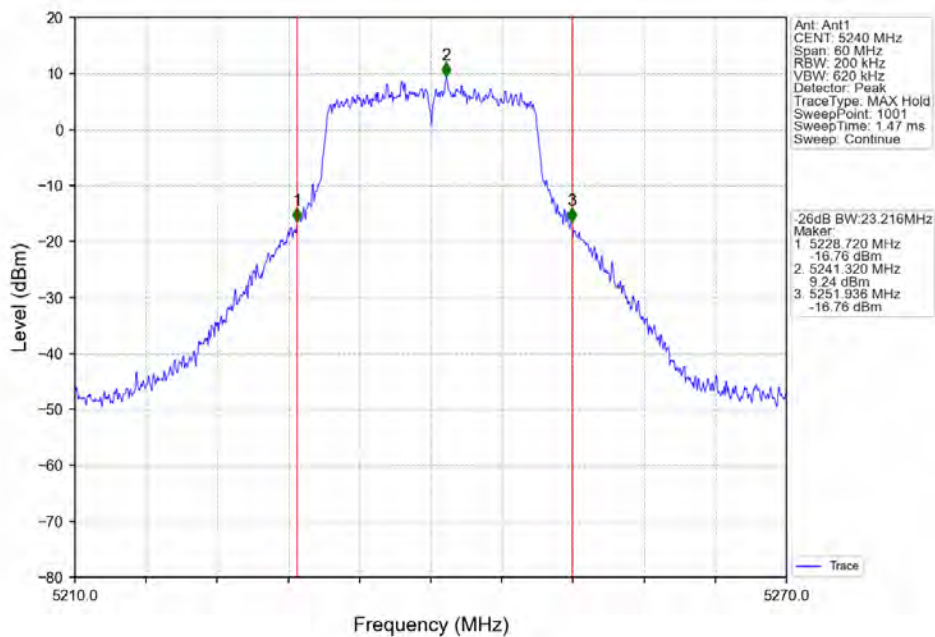
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



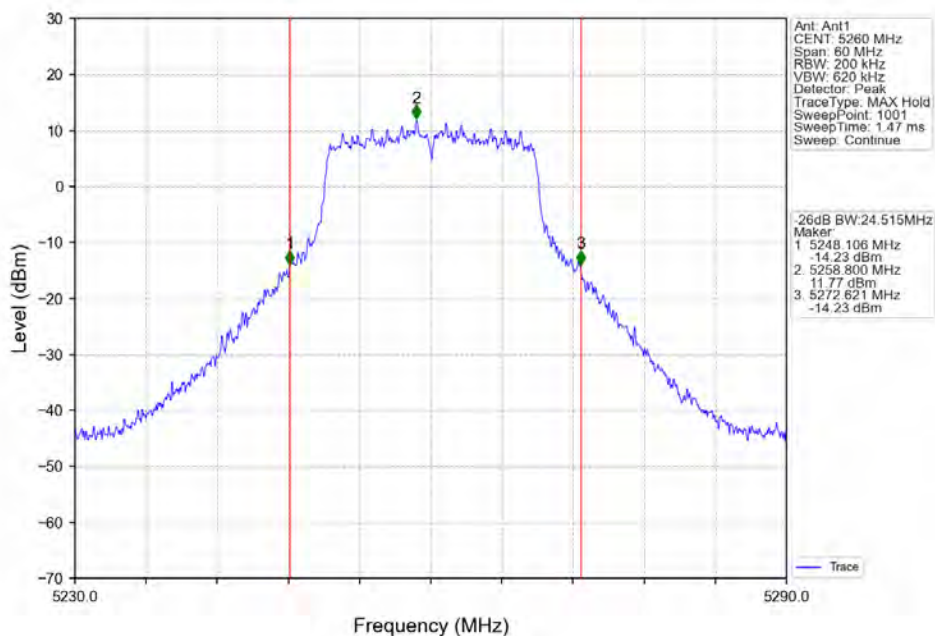
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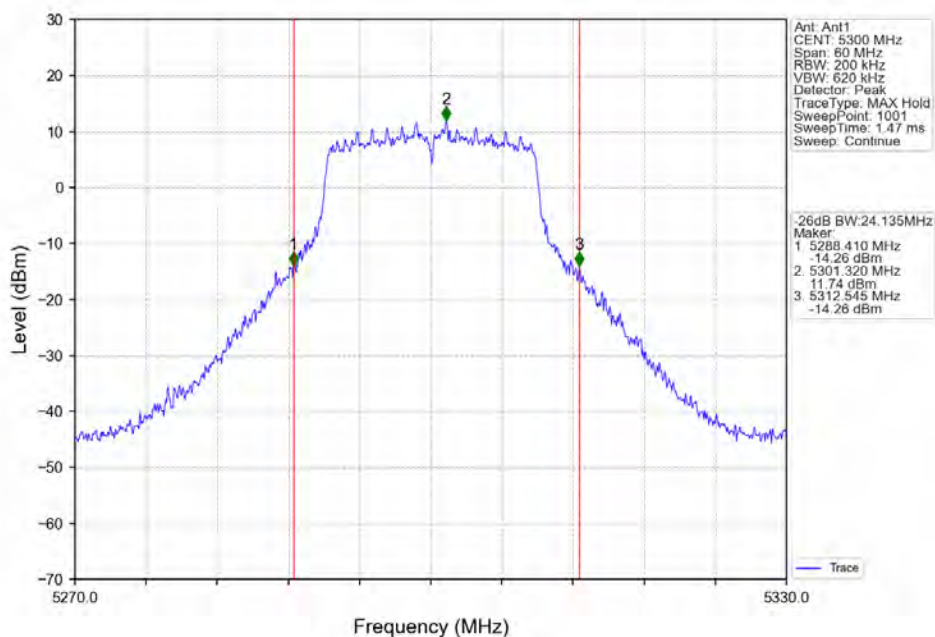
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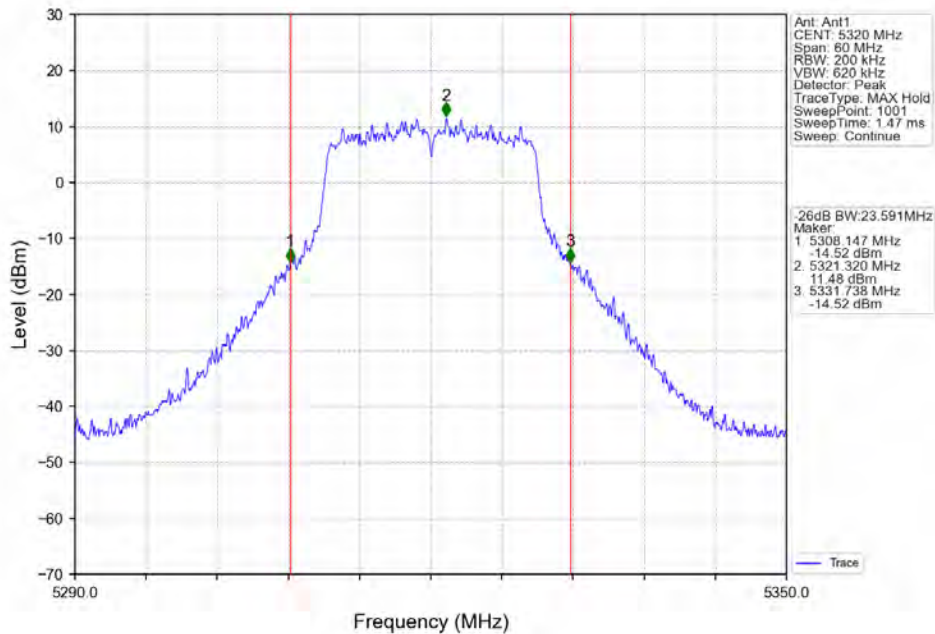
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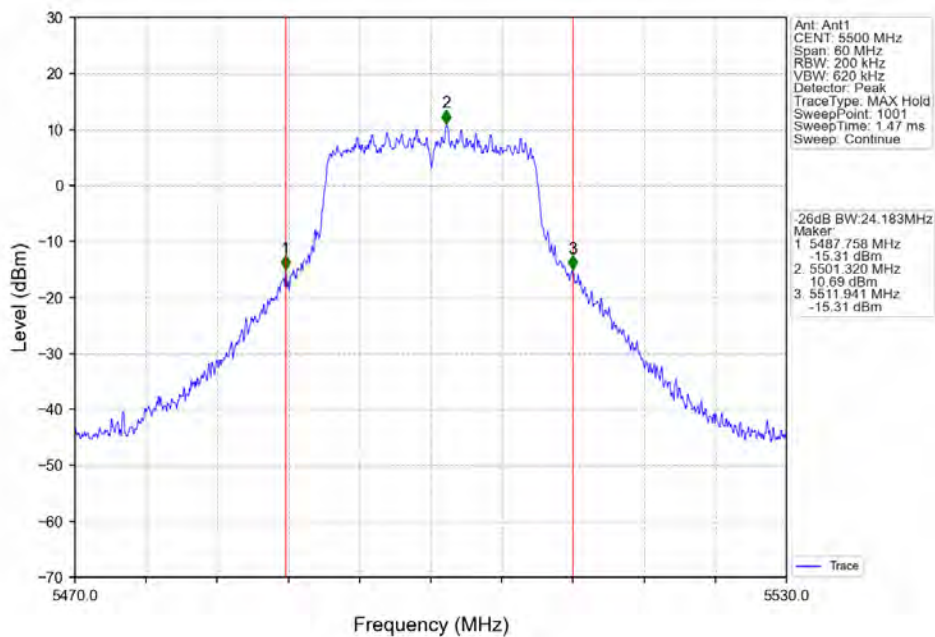
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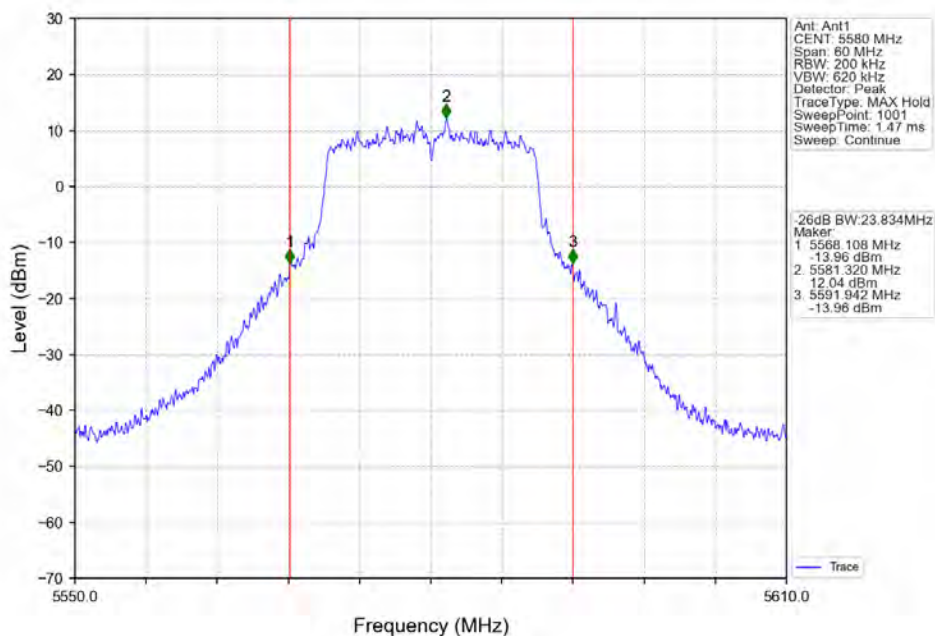
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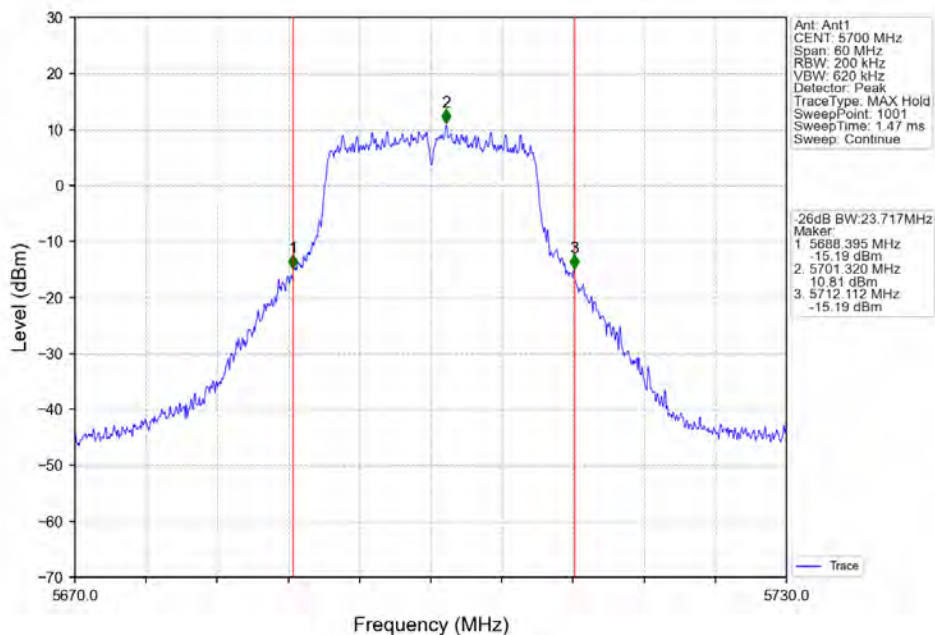
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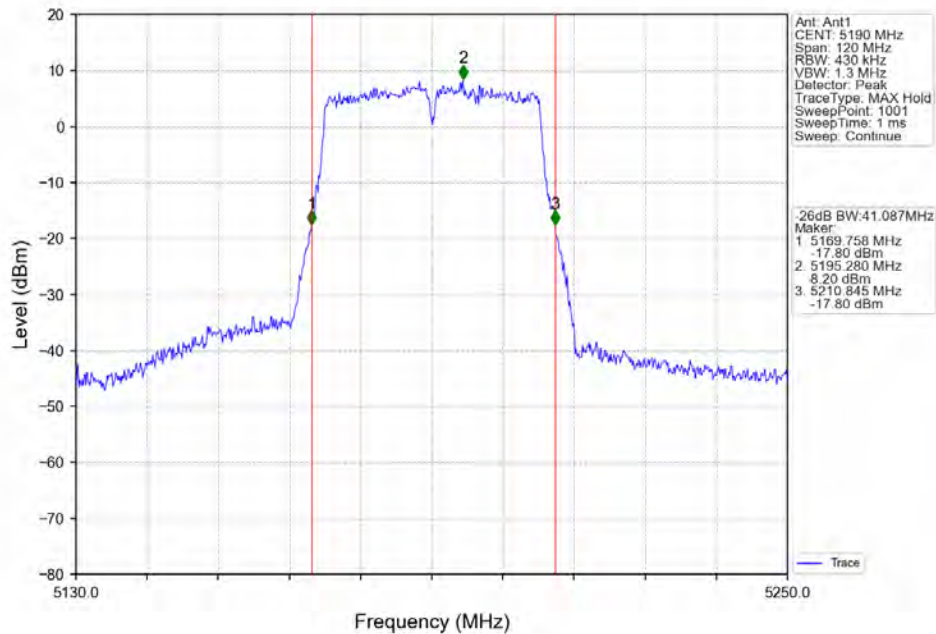
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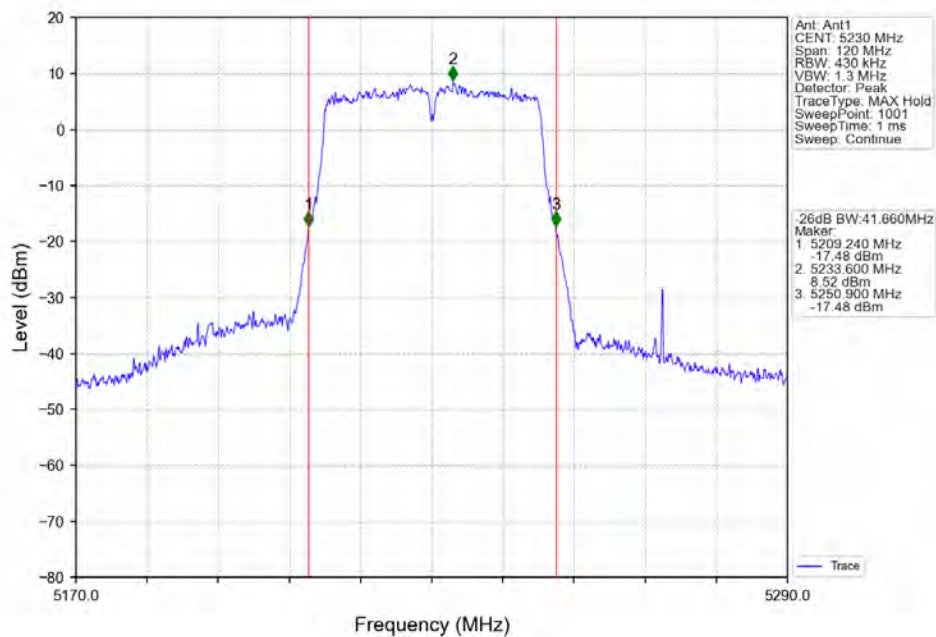
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



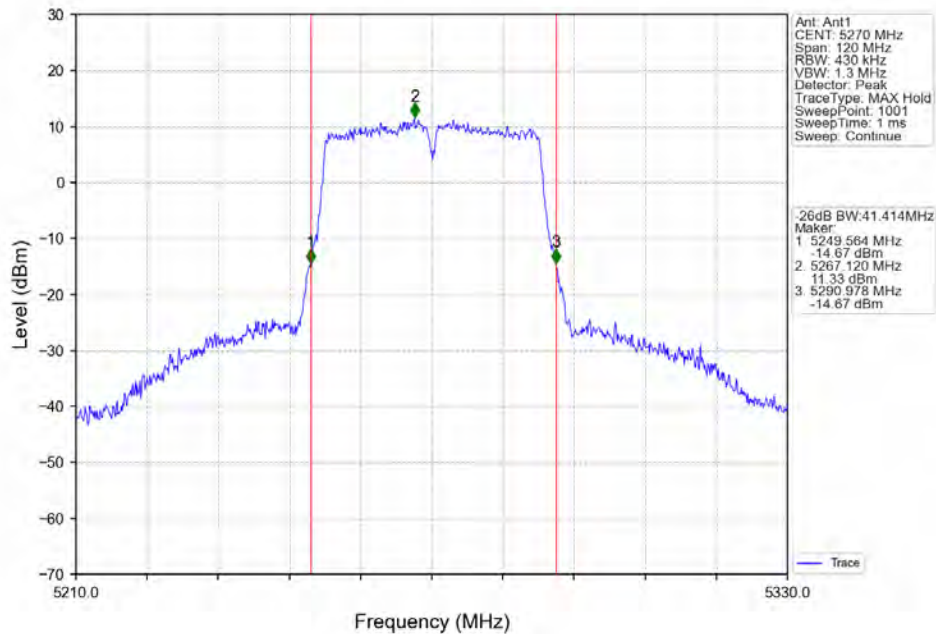
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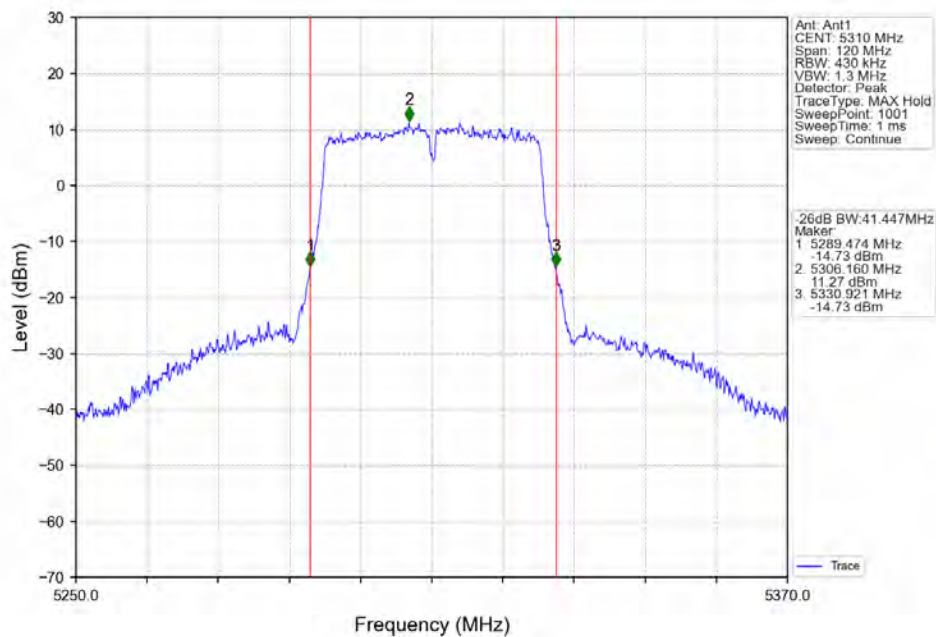
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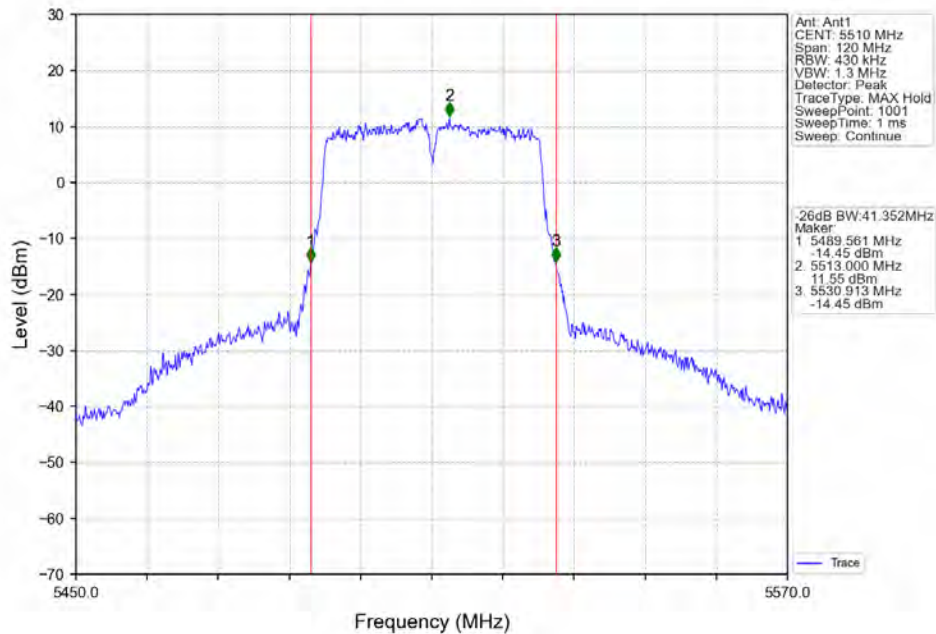
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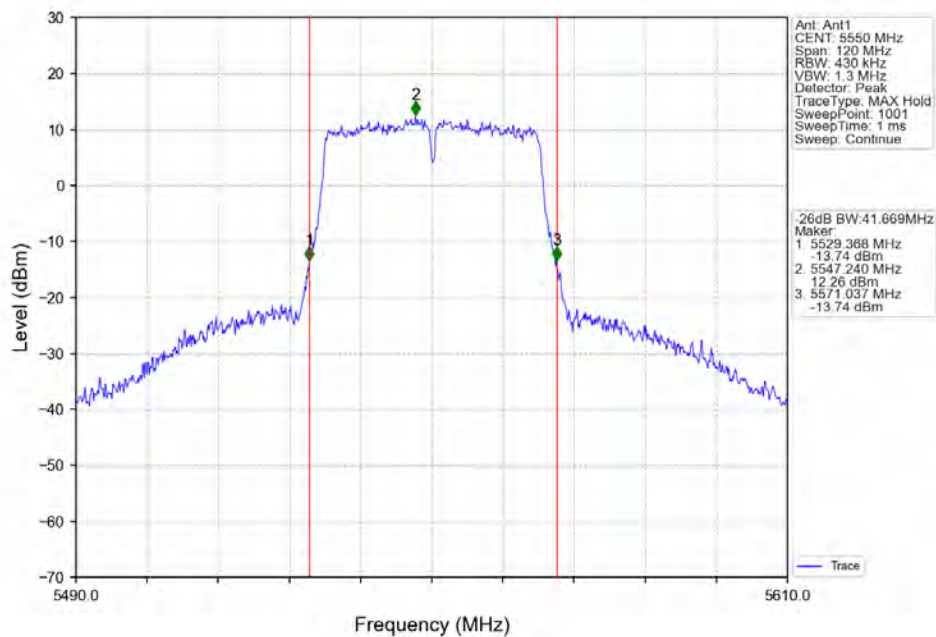
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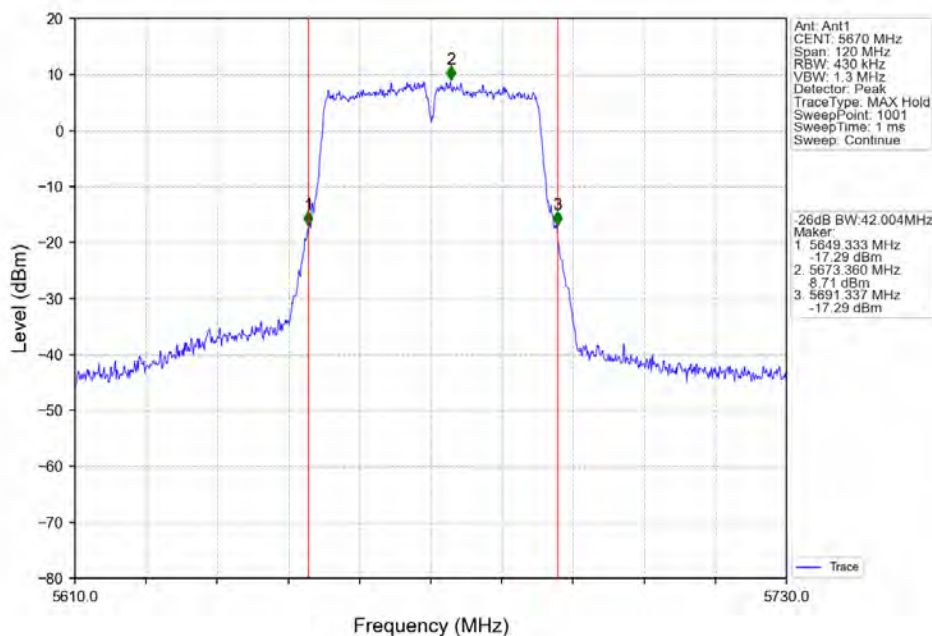
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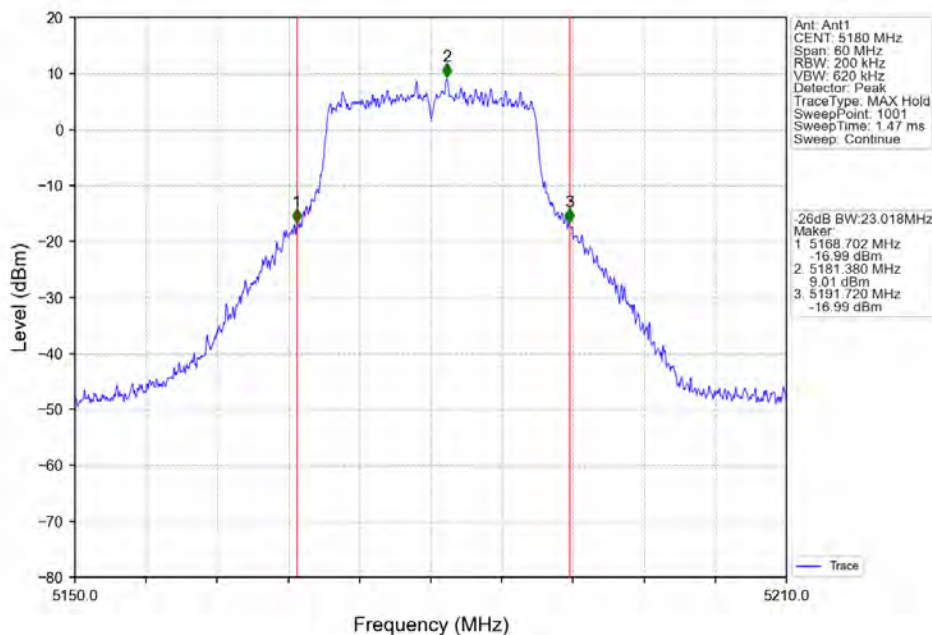
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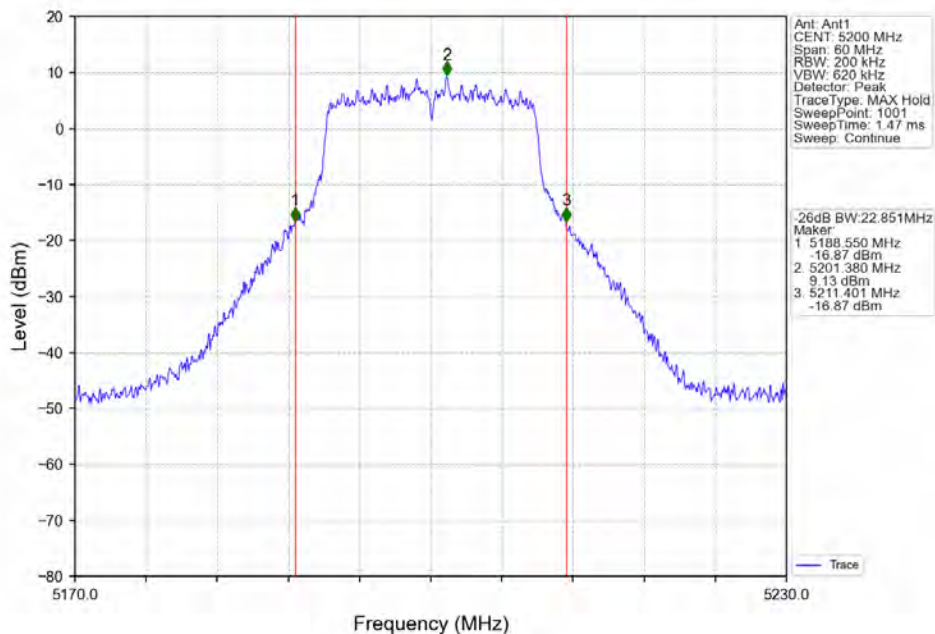
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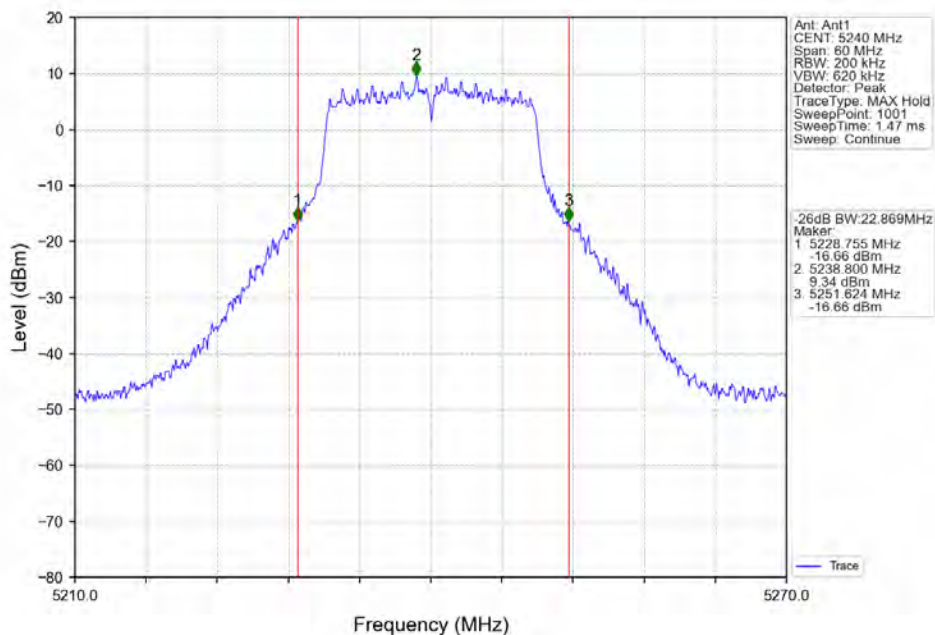
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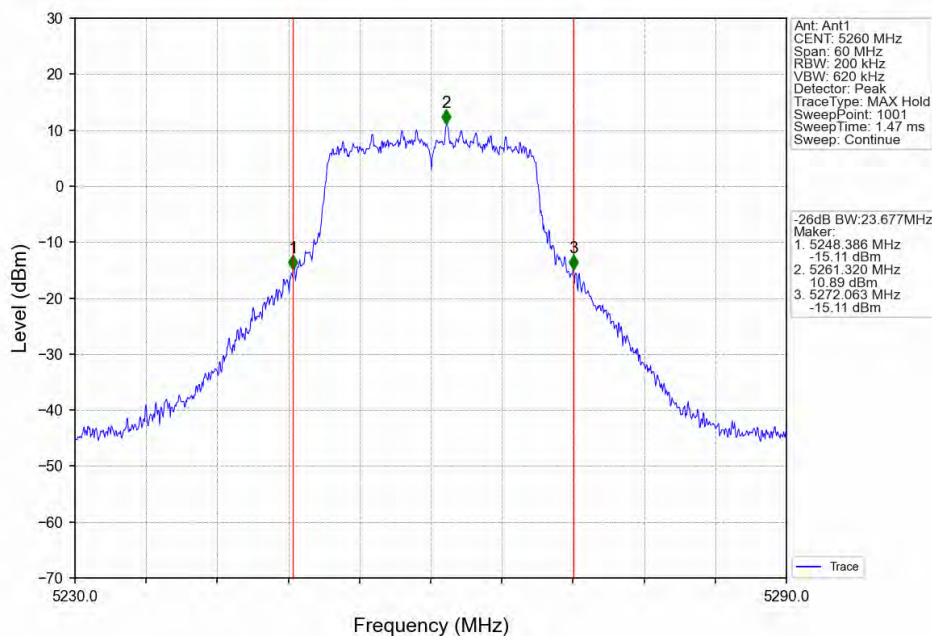
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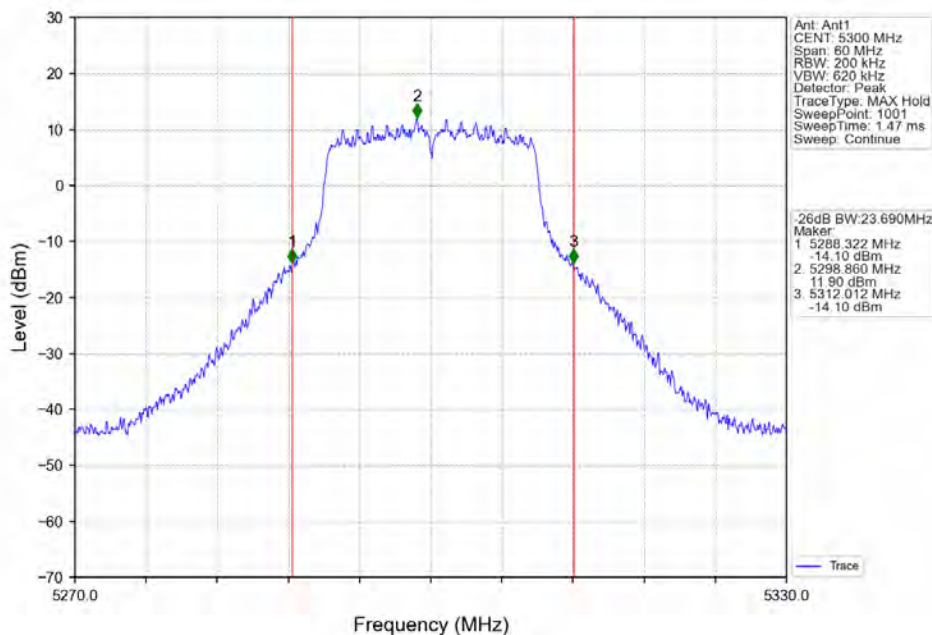
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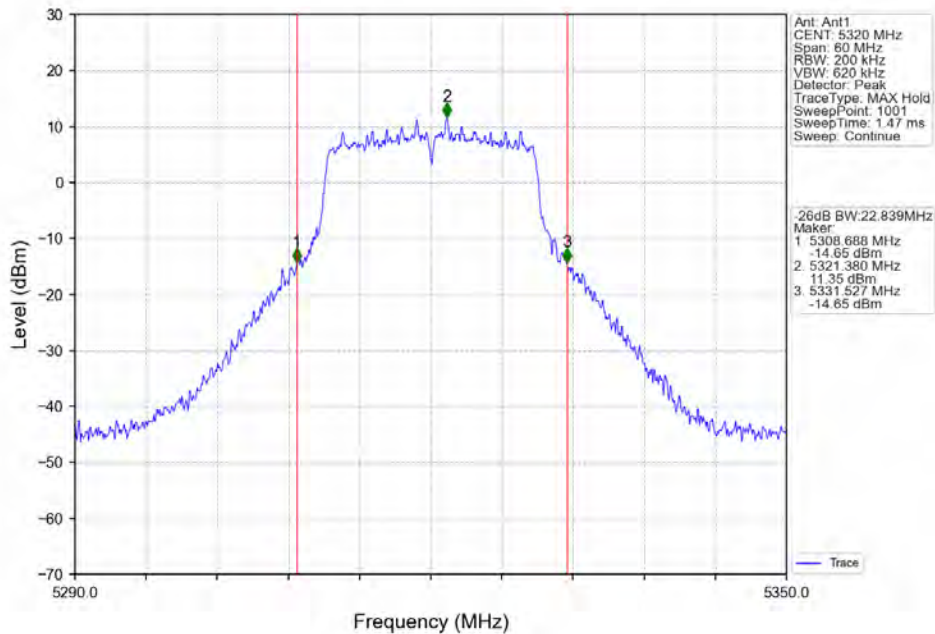
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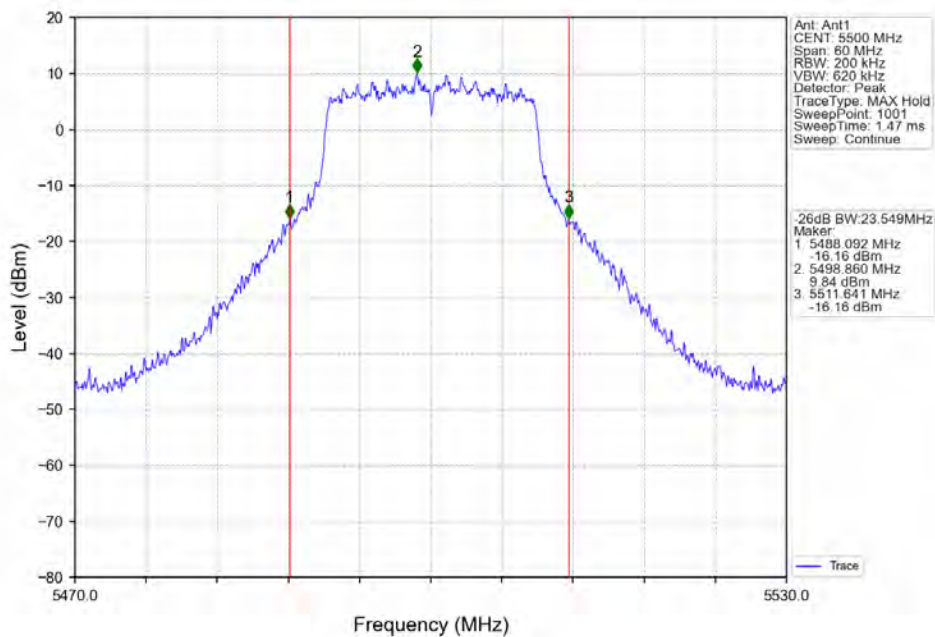
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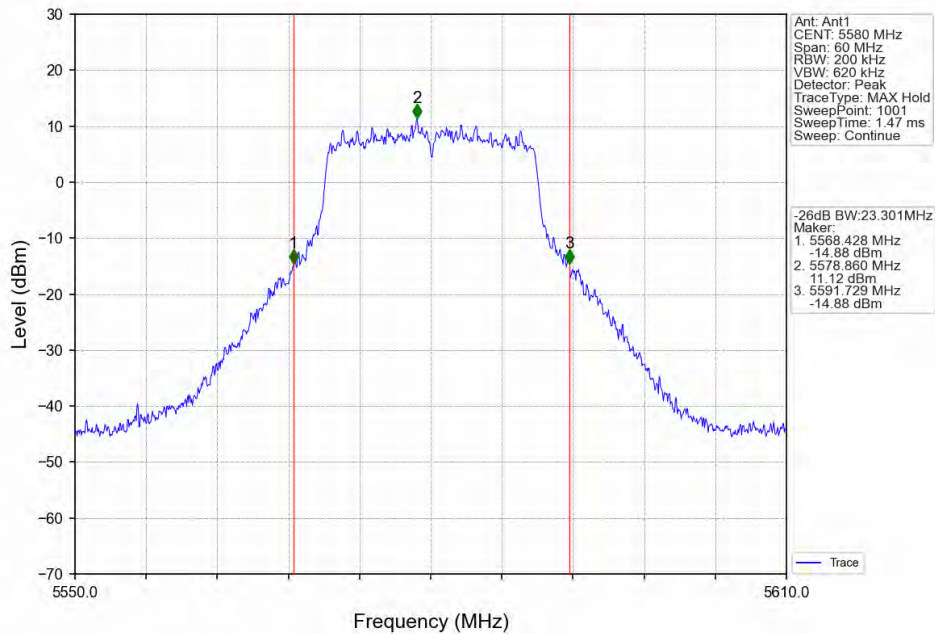
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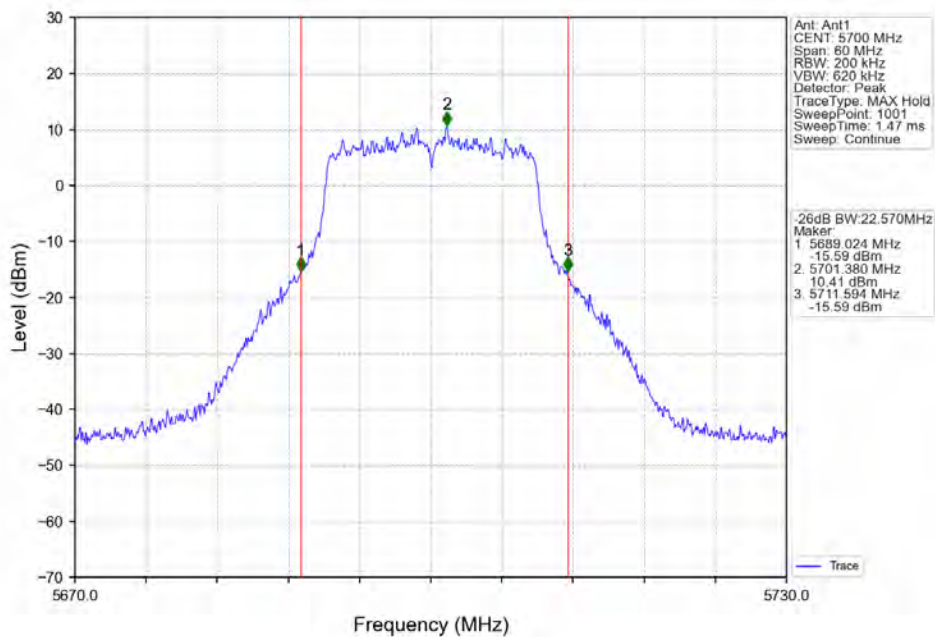
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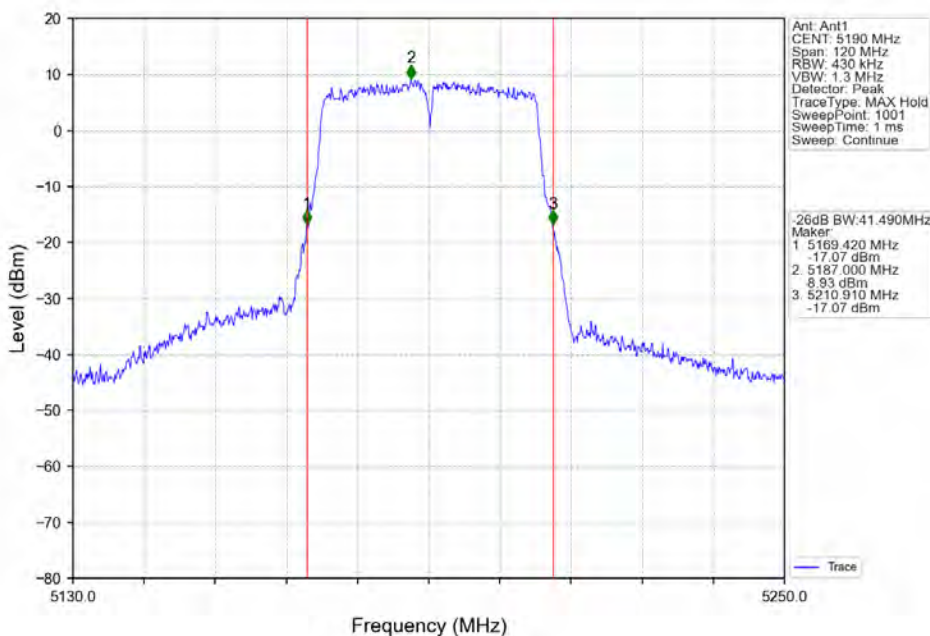
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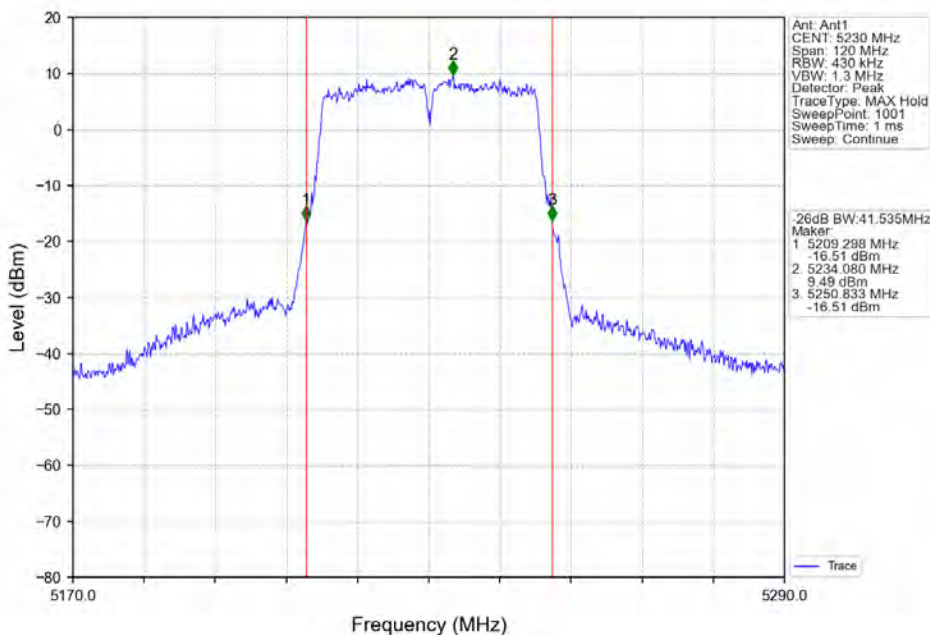
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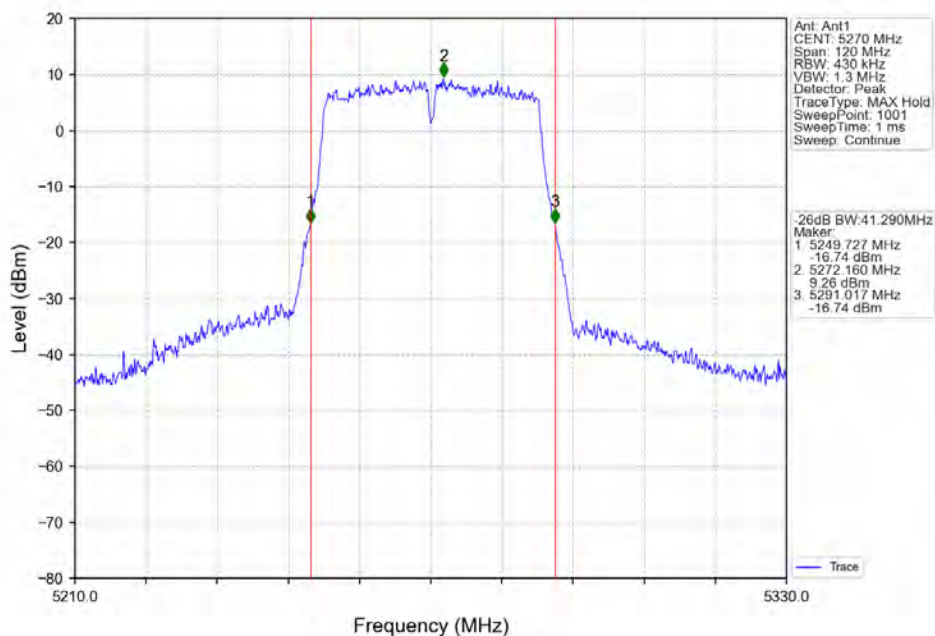
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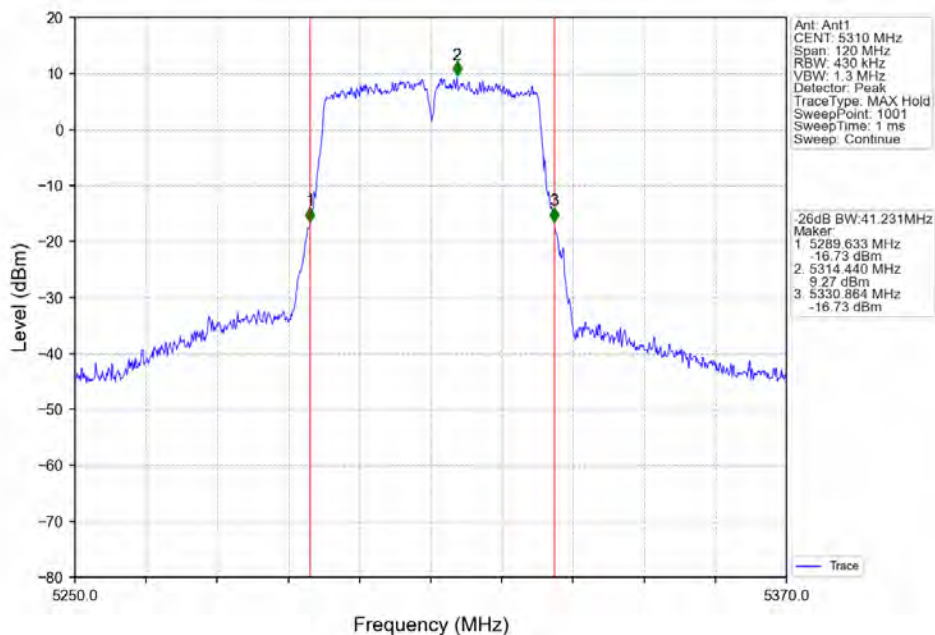
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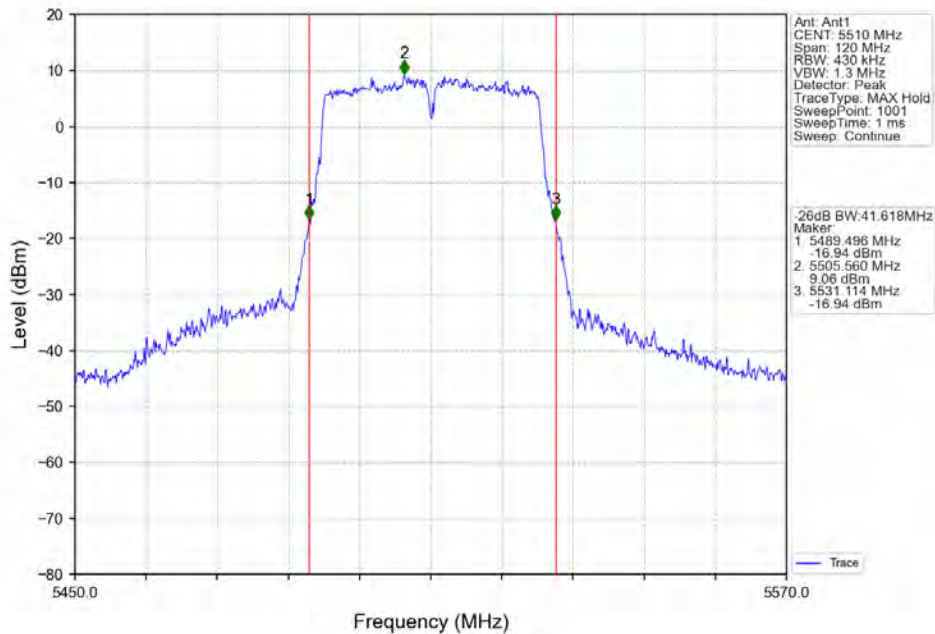
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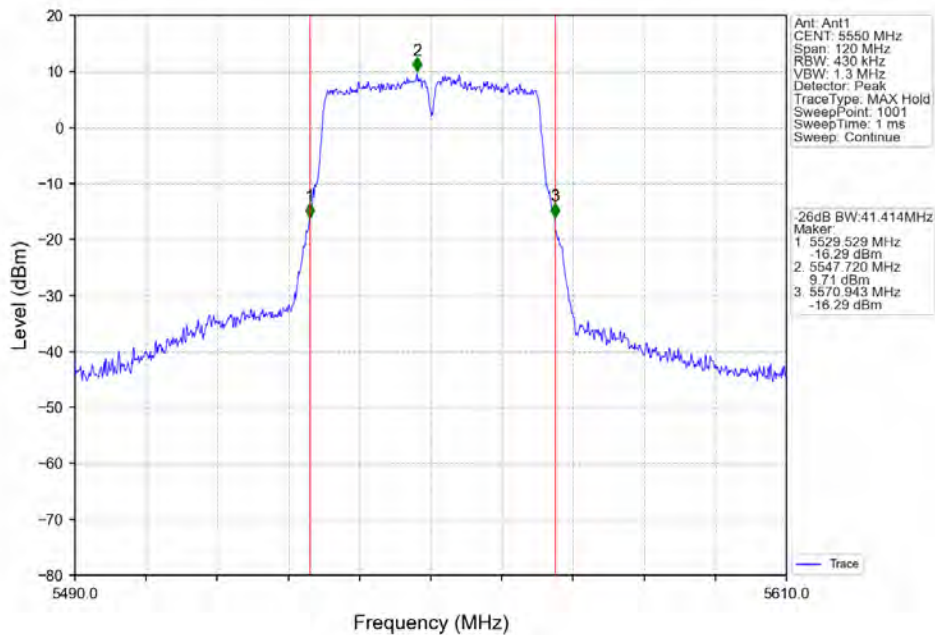
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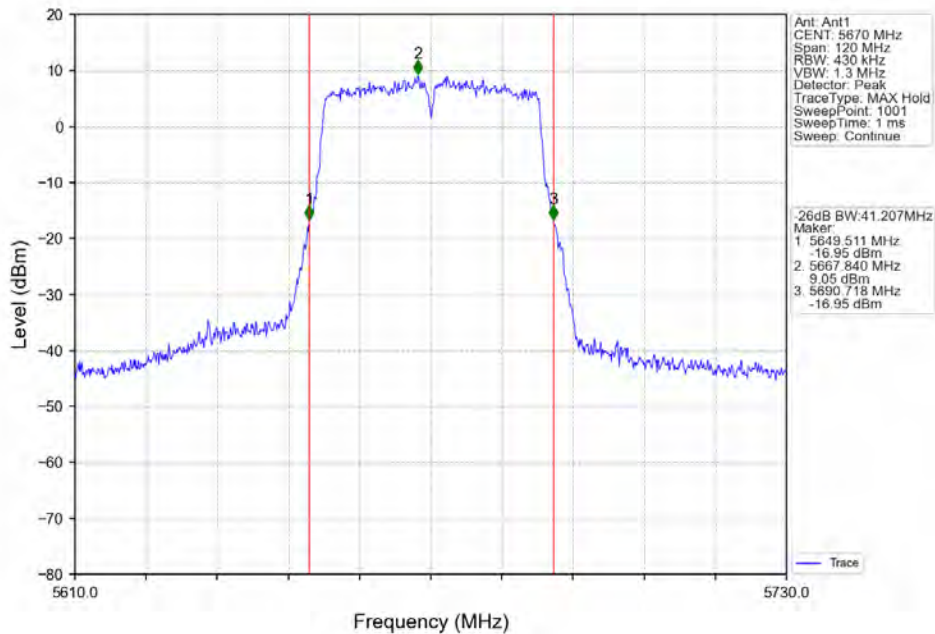
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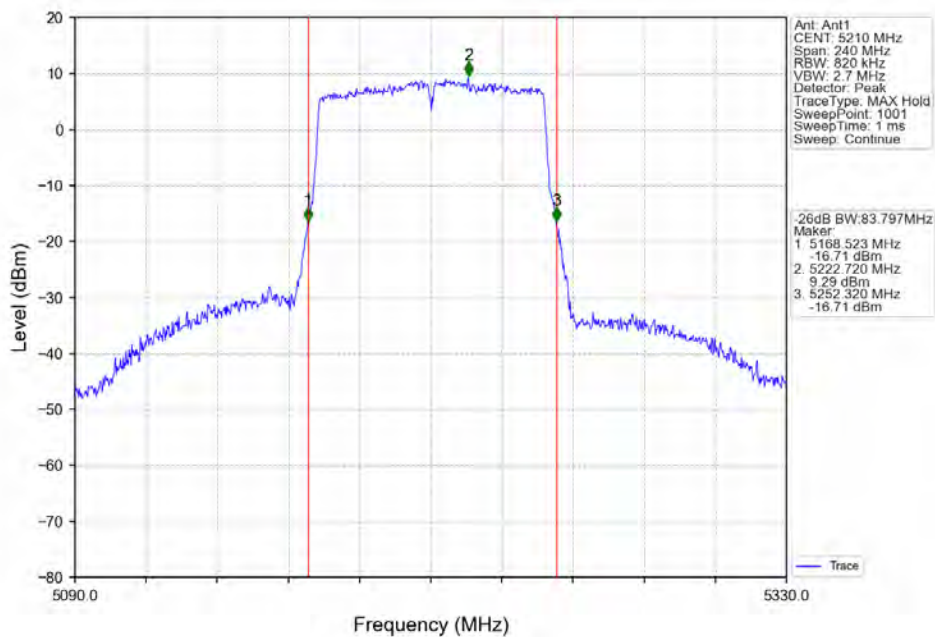
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



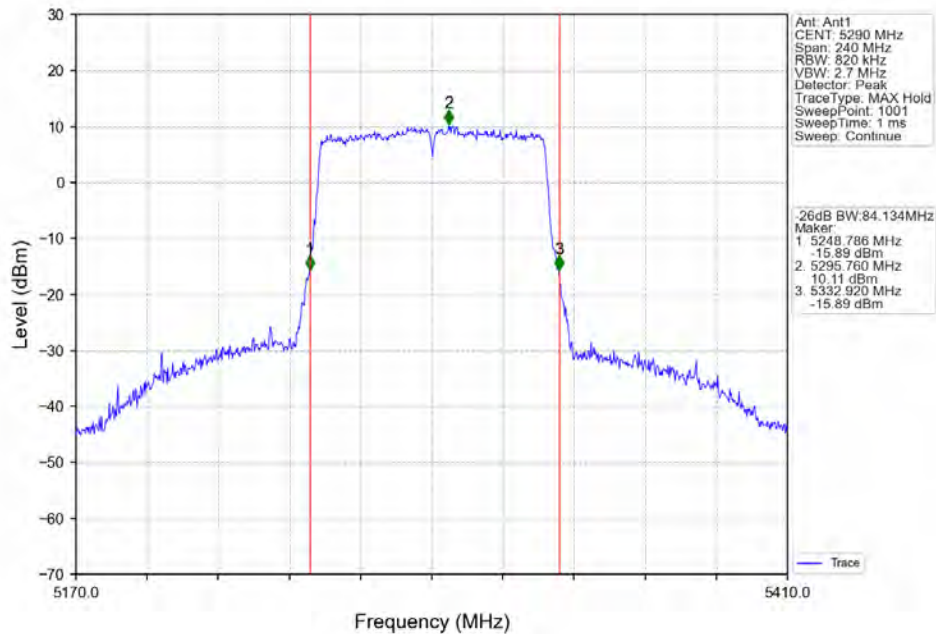
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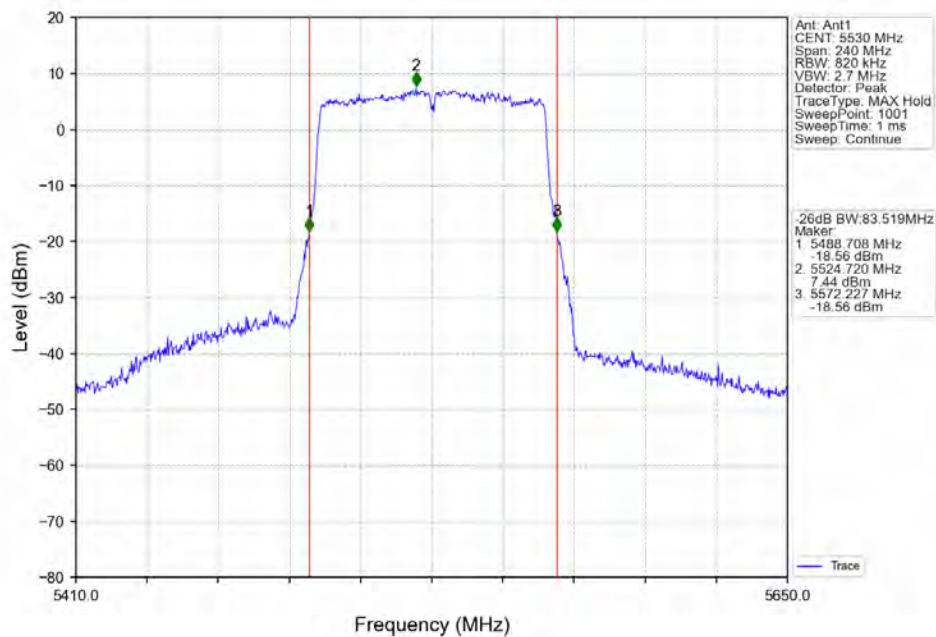
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



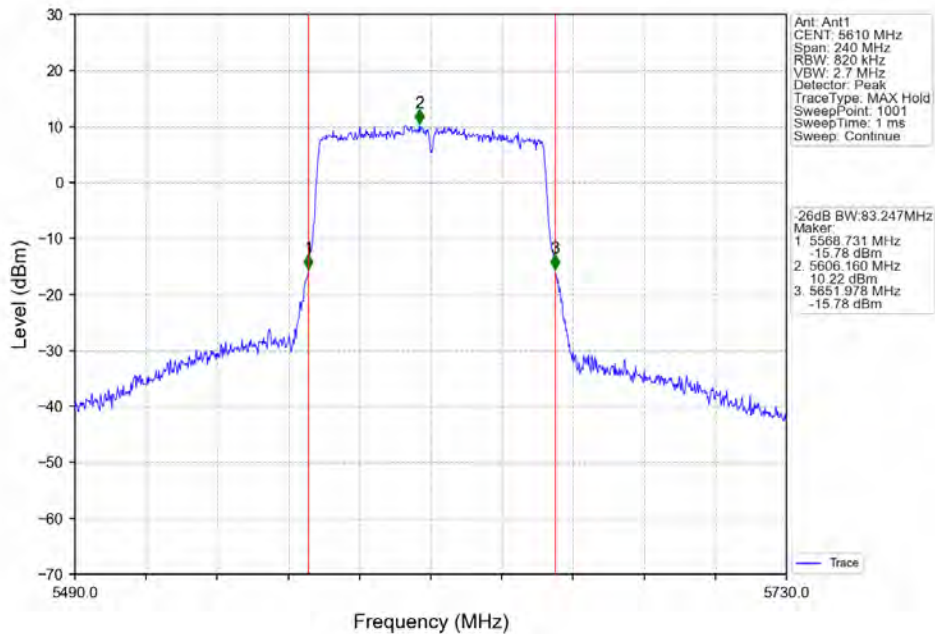
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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	17.25	<=23.98	Pass
		5200	17.37	<=23.98	Pass
		5240	17.46	<=23.98	Pass
		5260	20.32	<=23.98	Pass
		5300	20.47	<=23.98	Pass
		5320	20.38	<=23.98	Pass
		5500	19.22	<=23.98	Pass
		5580	20.40	<=23.98	Pass
		5700	19.56	<=23.98	Pass
		5745	20.27	<=30	Pass
		5785	19.46	<=30	Pass
		5825	19.31	<=30	Pass
802.11n (HT20)	SISO	5180	17.10	<=23.98	Pass
		5200	17.15	<=23.98	Pass
		5240	17.80	<=23.98	Pass
		5260	20.19	<=23.98	Pass
		5300	20.35	<=23.98	Pass
		5320	20.22	<=23.98	Pass
		5500	19.04	<=23.98	Pass
		5580	20.12	<=23.98	Pass
		5700	19.33	<=23.98	Pass
		5745	20.09	<=30	Pass
		5785	19.29	<=30	Pass
		5825	19.18	<=30	Pass
802.11n (HT40)	SISO	5190	18.80	<=23.98	Pass
		5230	19.31	<=23.98	Pass
		5270	18.58	<=23.98	Pass
		5310	18.96	<=23.98	Pass
		5510	18.66	<=23.98	Pass
		5550	18.89	<=23.98	Pass



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		5670	18.50	≤ 23.98	Pass
		5755	18.92	≤ 30	Pass
		5795	17.98	≤ 30	Pass
802.11ac (VHT20)	SISO	5180	17.25	≤ 23.98	Pass
		5200	17.38	≤ 23.98	Pass
		5240	17.39	≤ 23.98	Pass
		5260	19.26	≤ 23.98	Pass
		5300	19.38	≤ 23.98	Pass
		5320	19.51	≤ 23.98	Pass
		5500	18.43	≤ 23.98	Pass
		5580	19.59	≤ 23.98	Pass
		5700	18.69	≤ 23.98	Pass
		5745	19.18	≤ 30	Pass
		5785	18.67	≤ 30	Pass
		5825	18.47	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	18.96	≤ 23.98	Pass
		5230	19.35	≤ 23.98	Pass
		5270	18.65	≤ 23.98	Pass
		5310	19.02	≤ 23.98	Pass
		5510	18.71	≤ 23.98	Pass
		5550	18.98	≤ 23.98	Pass
		5670	18.64	≤ 23.98	Pass
		5755	19.08	≤ 30	Pass
		5795	18.12	≤ 30	Pass
802.11ac (VHT80)	SISO	5210	18.55	≤ 23.98	Pass
		5290	19.95	≤ 23.98	Pass
		5530	18.67	≤ 23.98	Pass
		5610	19.29	≤ 23.98	Pass
		5775	18.97	≤ 30	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

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	6.66	<=11	Pass
		5200	6.72	<=11	Pass
		5240	6.88	<=11	Pass
		5260	9.67	<=11	Pass
		5300	9.81	<=11	Pass
		5320	9.90	<=11	Pass
		5500	8.56	<=11	Pass
		5580	9.83	<=11	Pass
		5700	8.92	<=11	Pass
802.11n (HT20)	SISO	5180	6.29	<=11	Pass
		5200	6.29	<=11	Pass
		5240	6.97	<=11	Pass
		5260	9.23	<=11	Pass
		5300	9.50	<=11	Pass
		5320	9.29	<=11	Pass
		5500	8.11	<=11	Pass
		5580	9.29	<=11	Pass
		5700	8.45	<=11	Pass
802.11n (HT40)	SISO	5190	4.91	<=11	Pass
		5230	5.41	<=11	Pass
		5270	4.71	<=11	Pass
		5310	5.05	<=11	Pass
		5510	4.87	<=11	Pass
		5550	5.11	<=11	Pass
		5670	4.70	<=11	Pass
802.11ac (VHT20)	SISO	5180	6.39	<=11	Pass
		5200	6.49	<=11	Pass
		5240	6.63	<=11	Pass
		5260	8.35	<=11	Pass
		5300	8.52	<=11	Pass
		5320	8.87	<=11	Pass
		5500	7.65	<=11	Pass
		5580	8.60	<=11	Pass



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SZEMC-TRF-01 Rev. A/1

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		5700	7.72	<=11	Pass
802.11ac (VHT40)	SISO	5190	4.98	<=11	Pass
		5230	5.43	<=11	Pass
		5270	4.99	<=11	Pass
		5310	5.13	<=11	Pass
		5510	4.93	<=11	Pass
		5550	5.10	<=11	Pass
		5670	4.71	<=11	Pass
802.11ac (VHT80)	SISO	5210	1.59	<=11	Pass
		5290	2.86	<=11	Pass
		5530	1.63	<=11	Pass
		5610	2.18	<=11	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240600210304

Page: 370 of 426

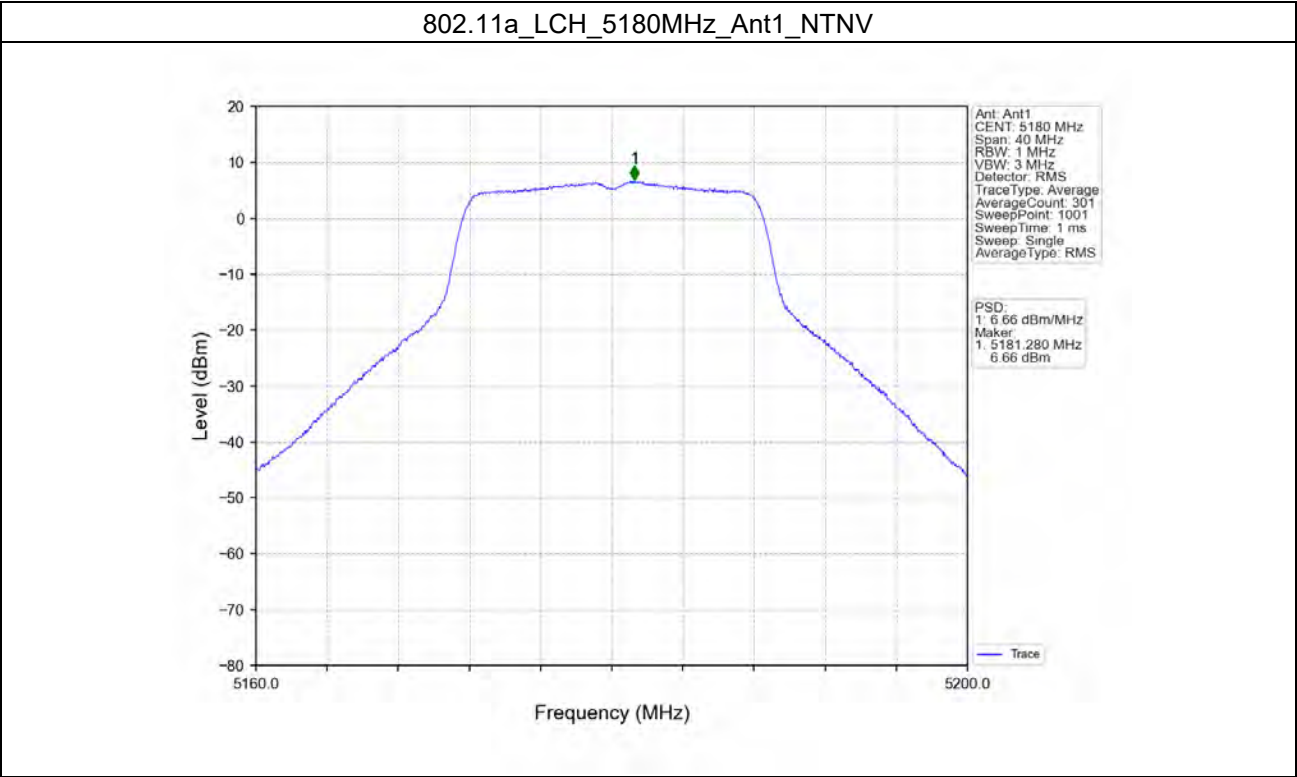
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	6.79	<=30	Pass
		5785	5.96	<=30	Pass
		5825	5.85	<=30	Pass
802.11n (HT20)	SISO	5745	6.62	<=30	Pass
		5785	5.67	<=30	Pass
		5825	5.57	<=30	Pass
802.11n (HT40)	SISO	5755	2.24	<=30	Pass
		5795	0.95	<=30	Pass
802.11ac (VHT20)	SISO	5745	5.37	<=30	Pass
		5785	4.97	<=30	Pass
		5825	4.79	<=30	Pass
802.11ac (VHT40)	SISO	5755	2.26	<=30	Pass
		5795	1.40	<=30	Pass
802.11ac (VHT80)	SISO	5775	-0.73	<=30	Pass

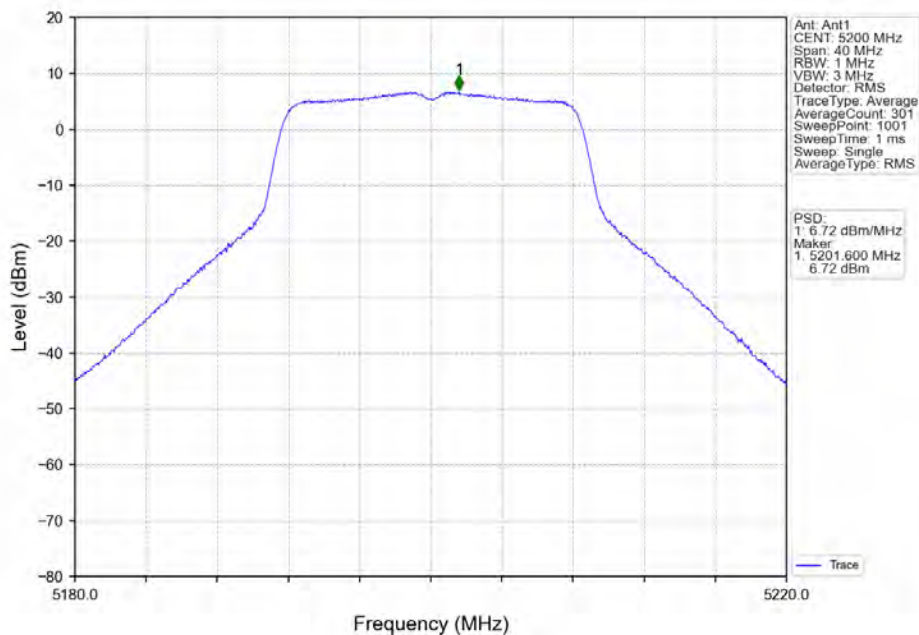
Note1: Antenna Gain: Ant1: 3.00dBi;

4.2 Test Graph

4.2.1 PSD



802.11a_MCH_5200MHz_Ant1_NTNV



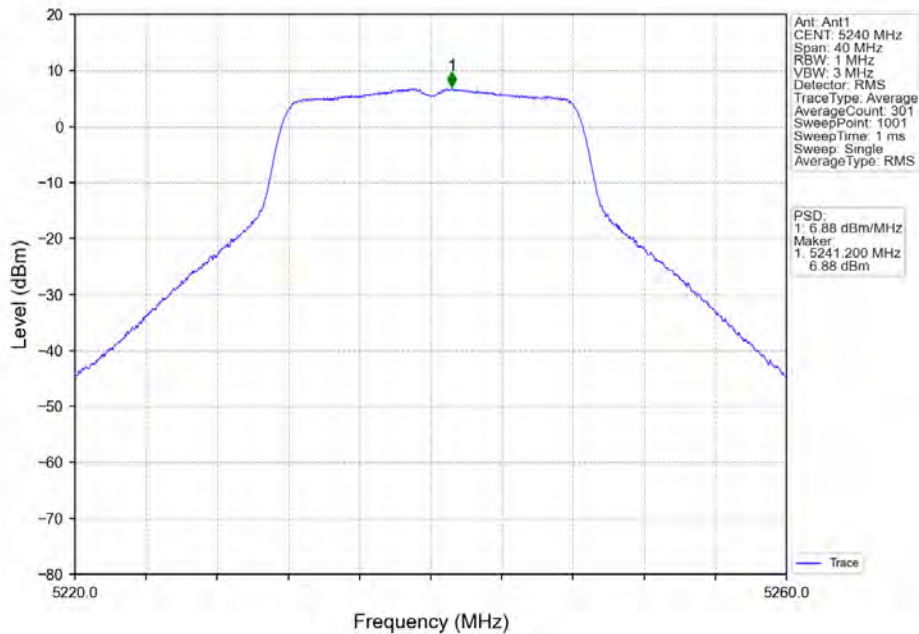
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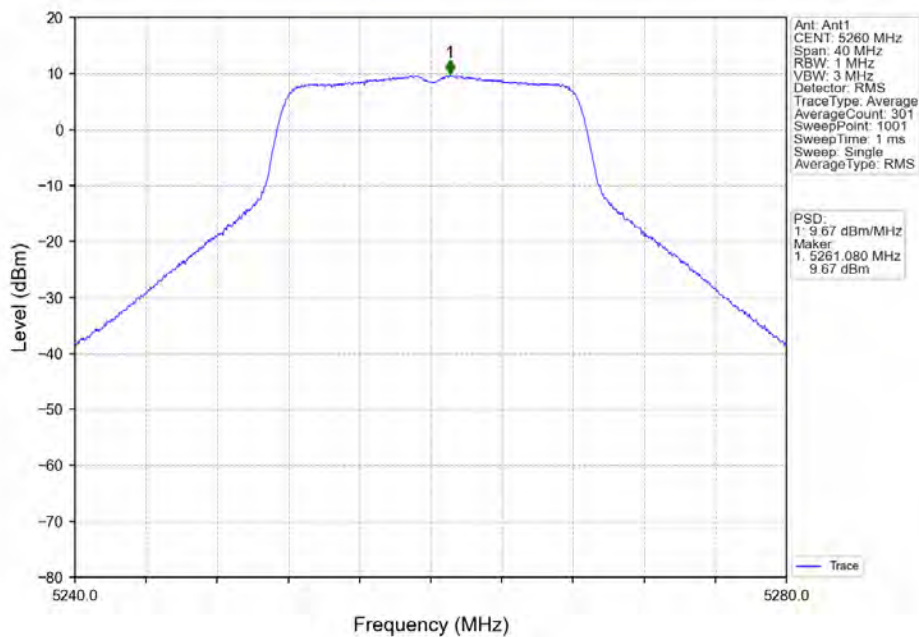
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802.11a_HCH_5240MHz_Ant1_NTNV



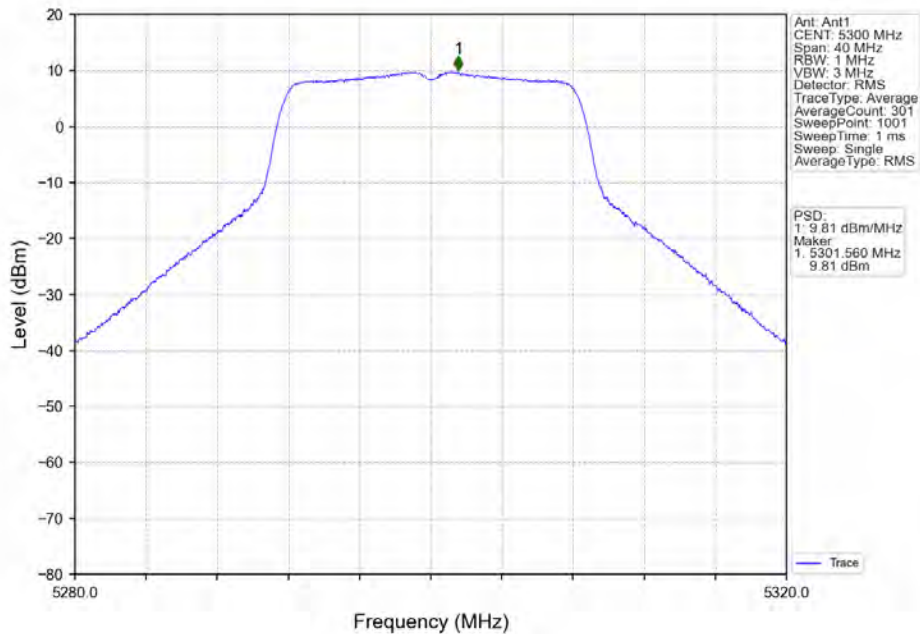
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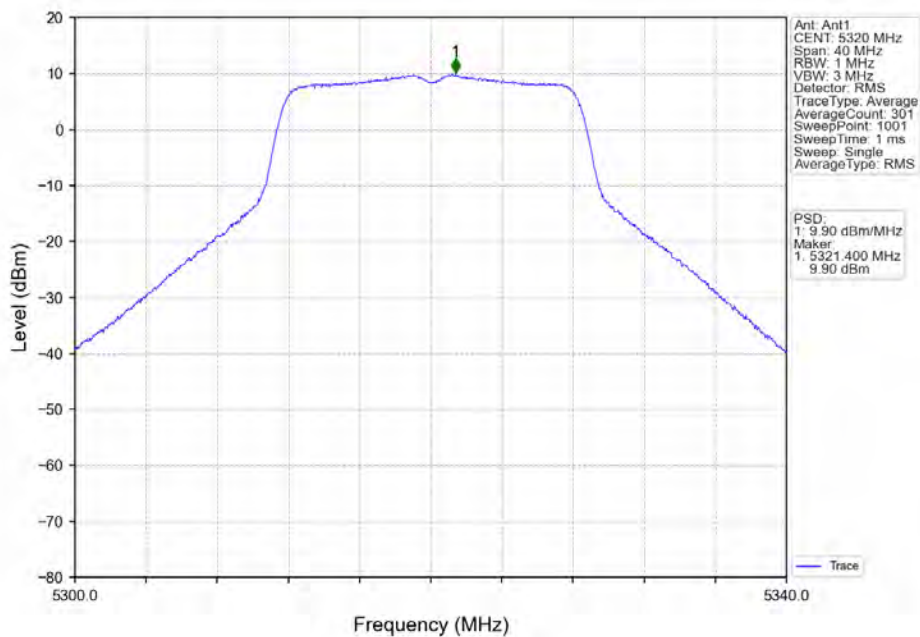
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



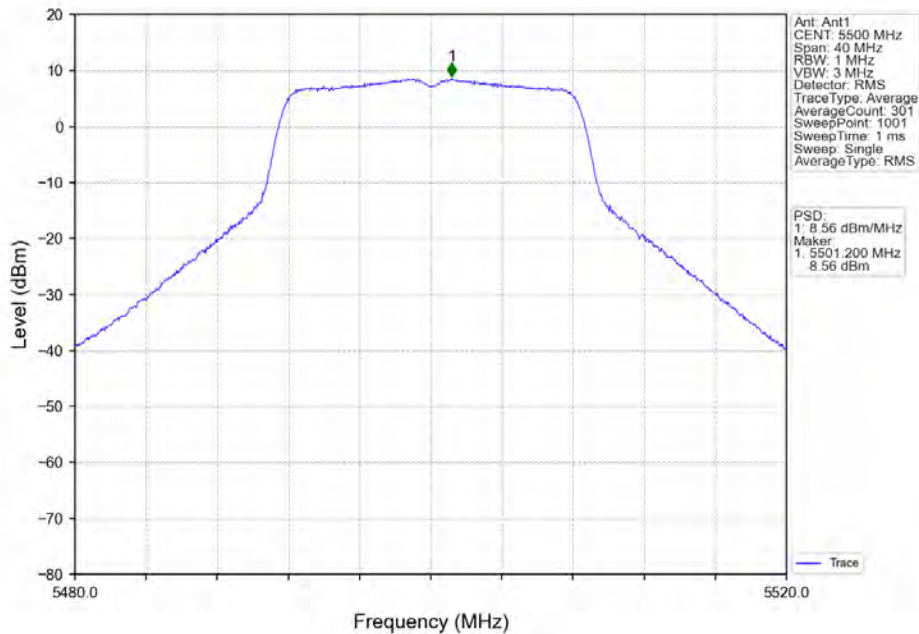
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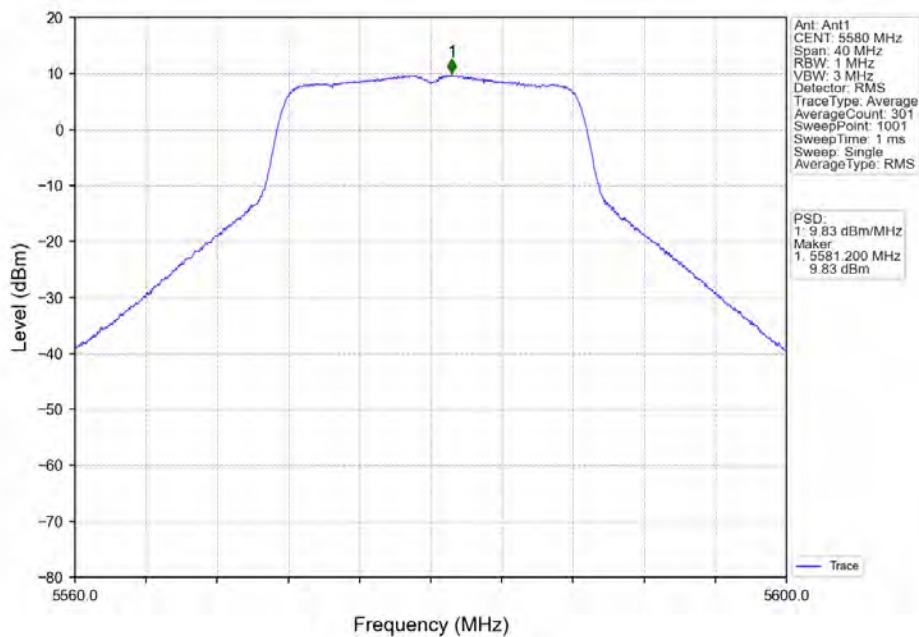
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802.11a_LCH_5500MHz_Ant1_NTNV



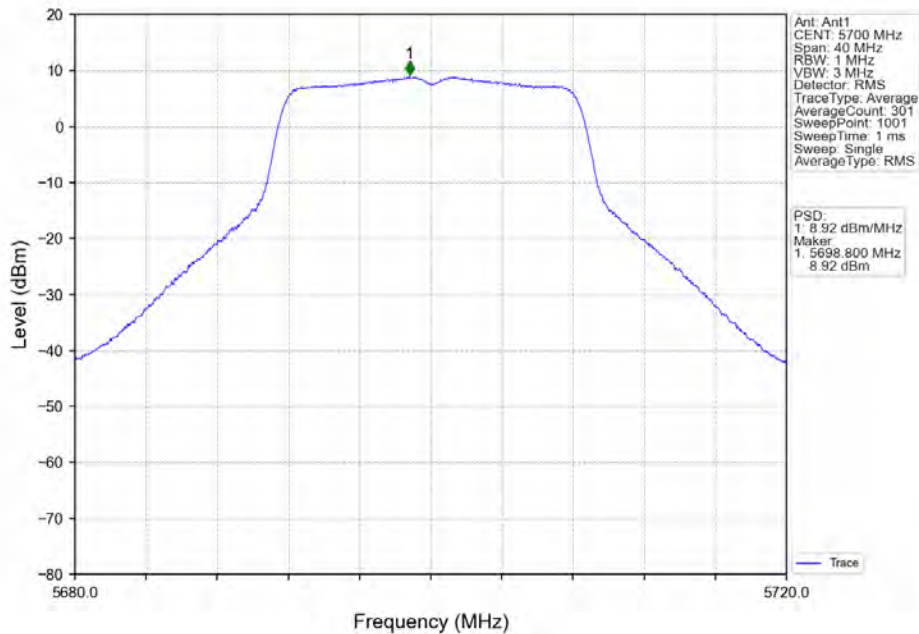
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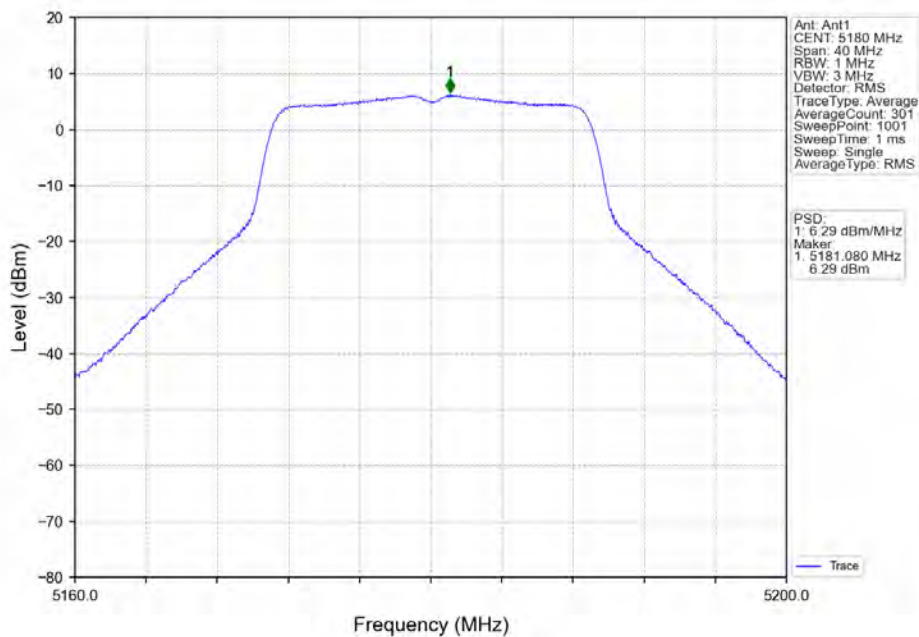
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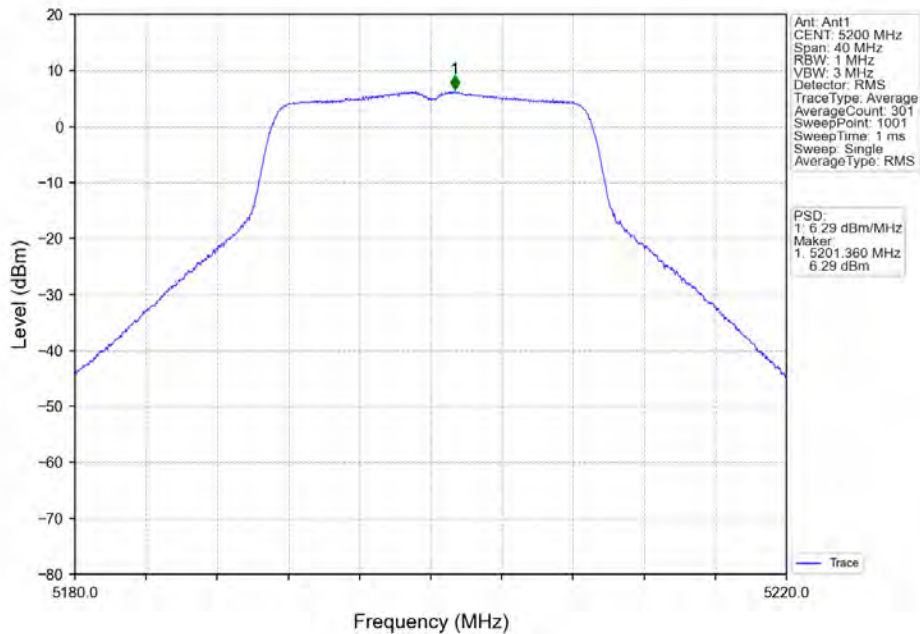
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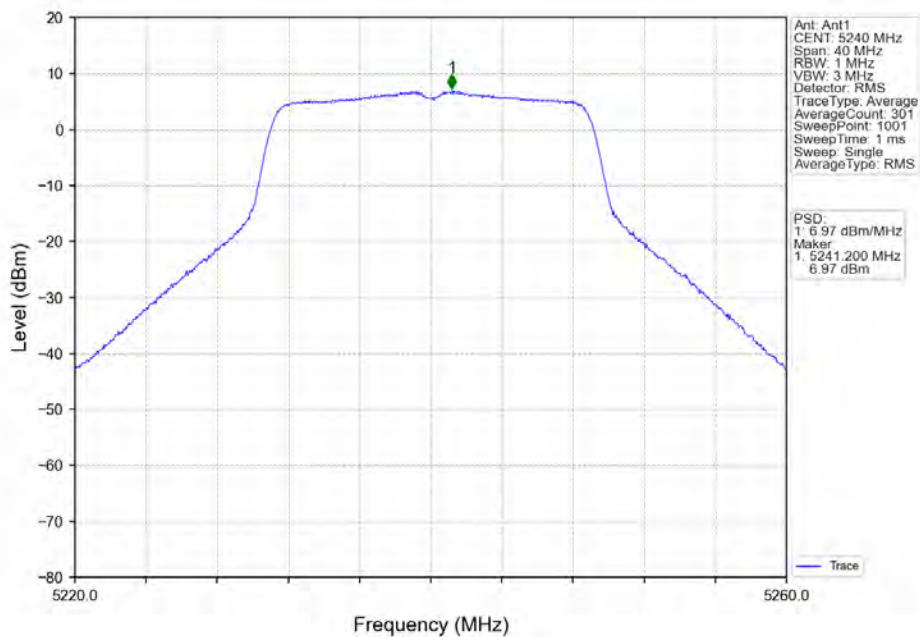
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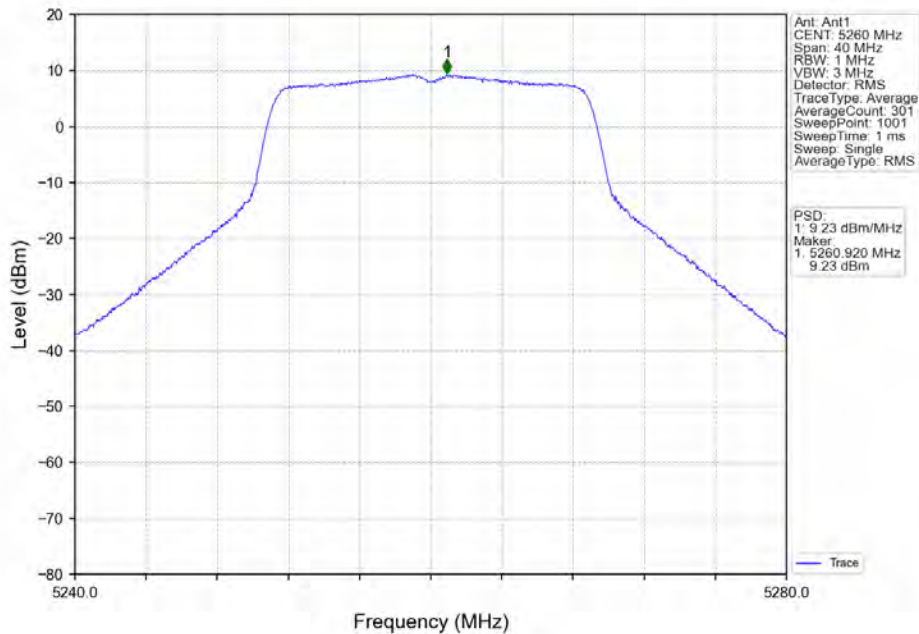
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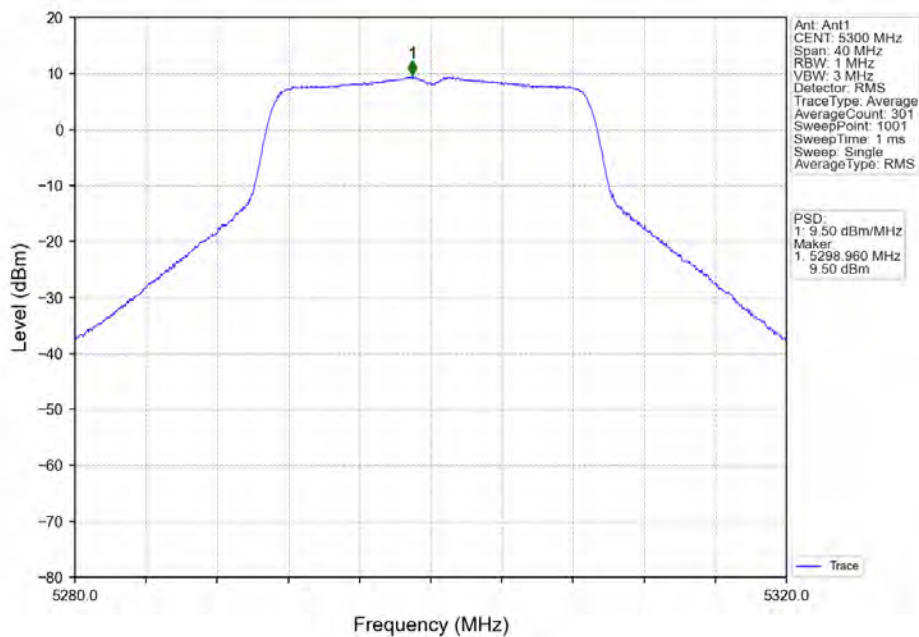
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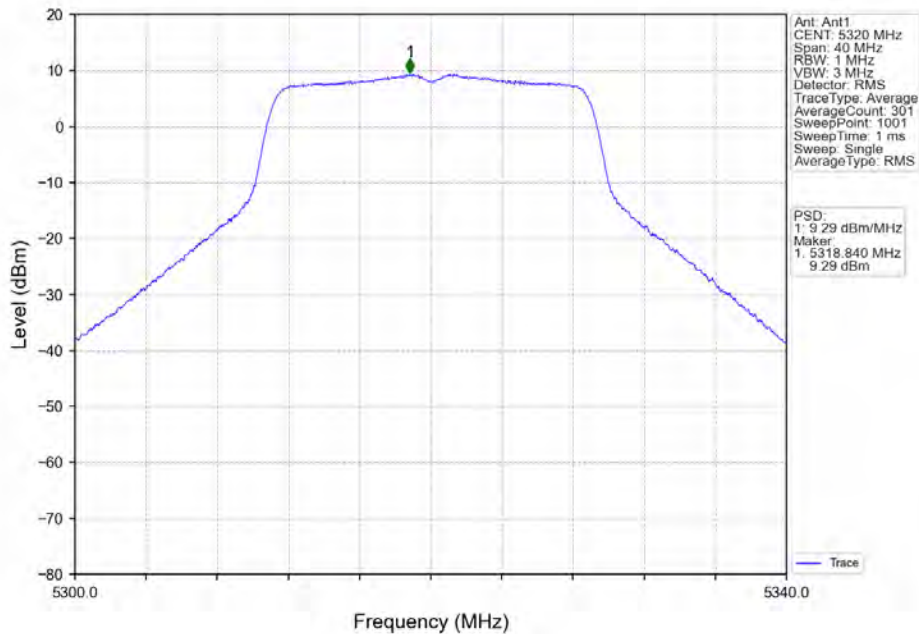
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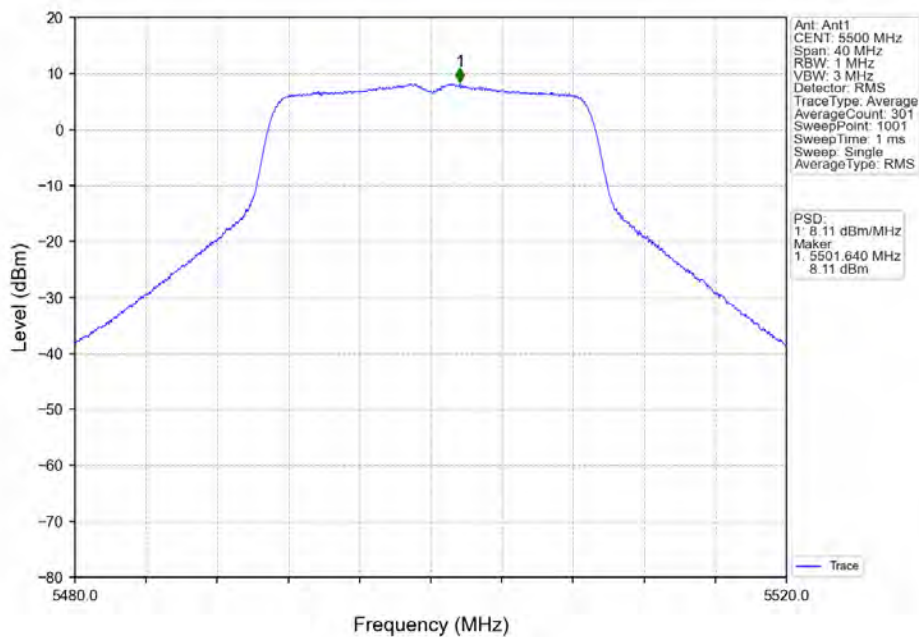
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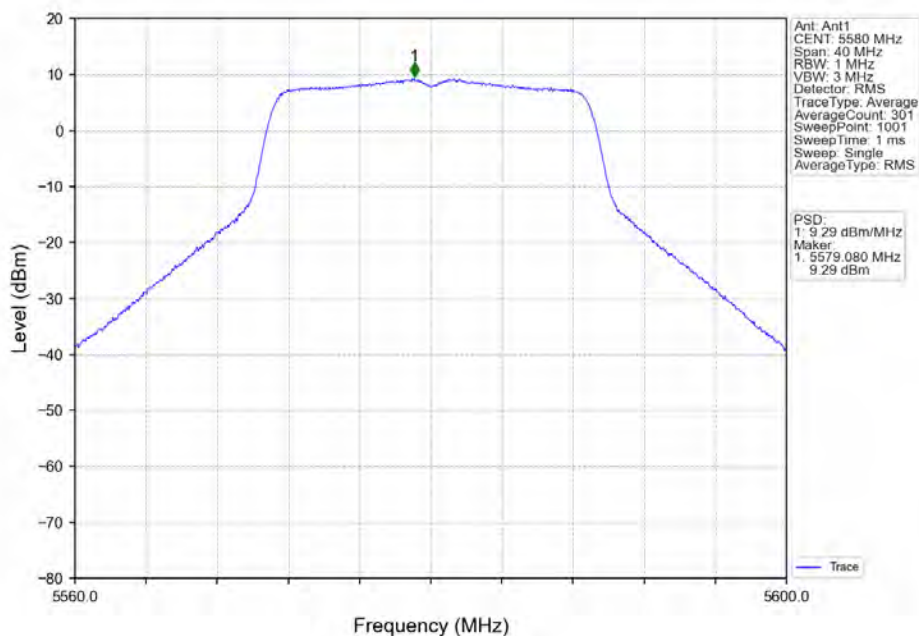
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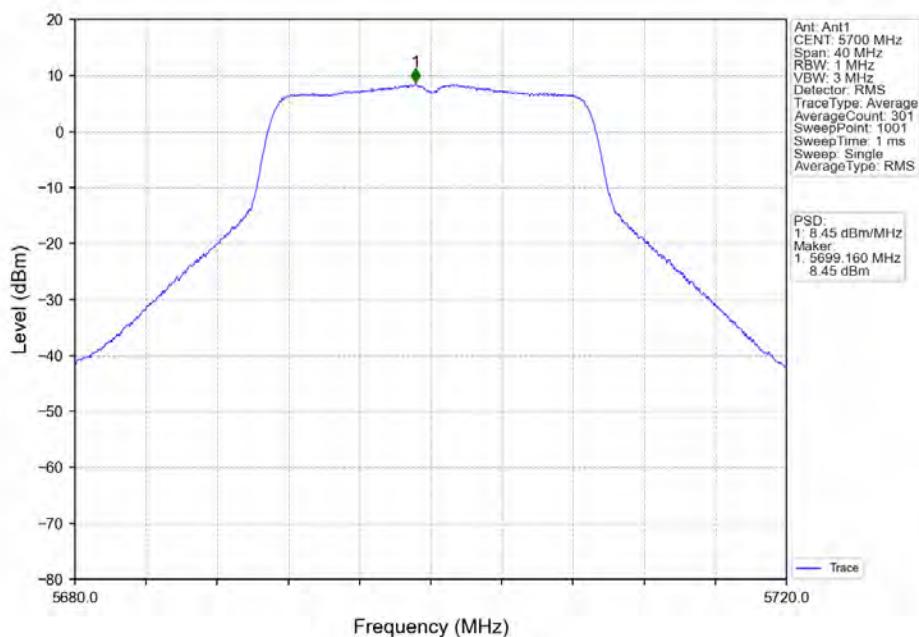
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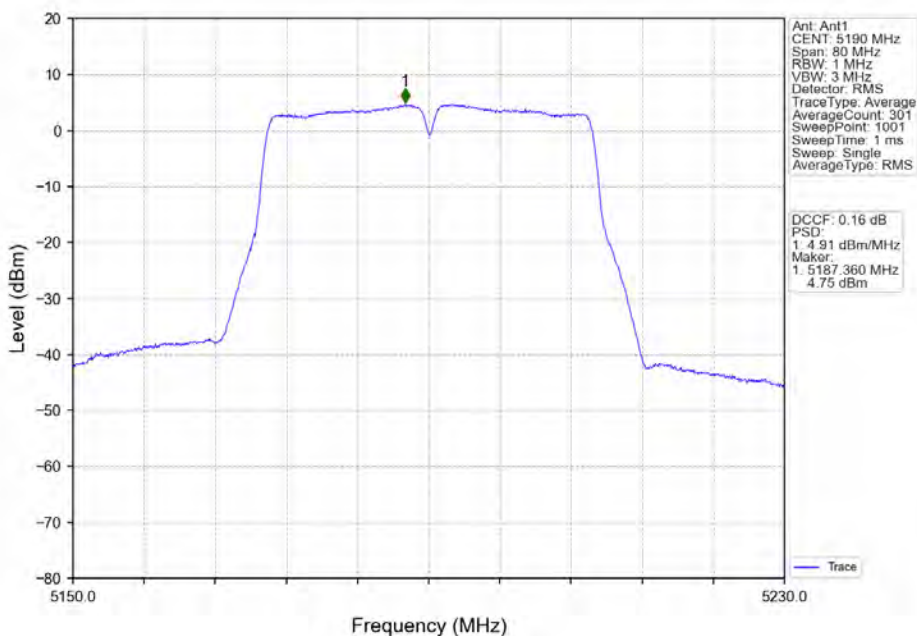
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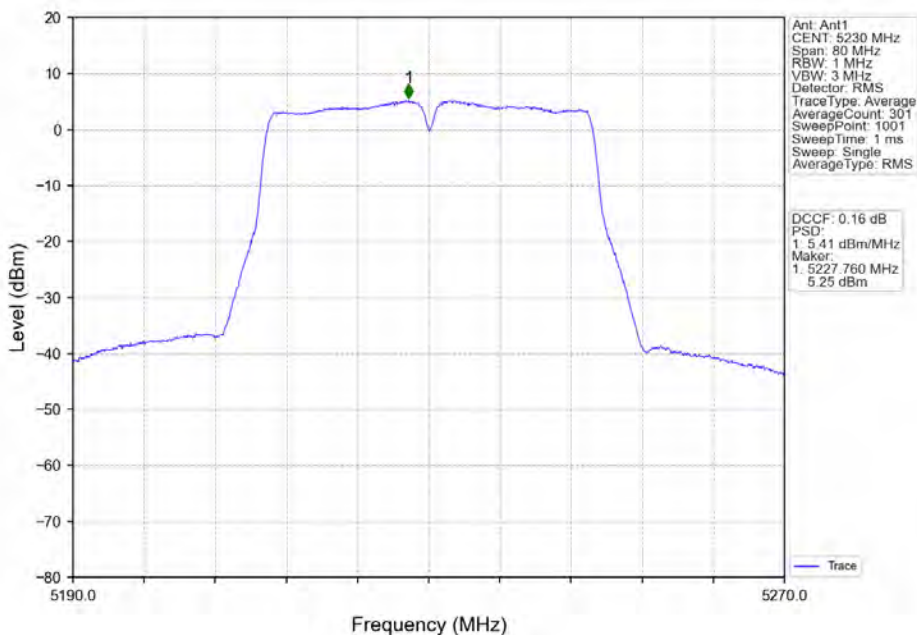
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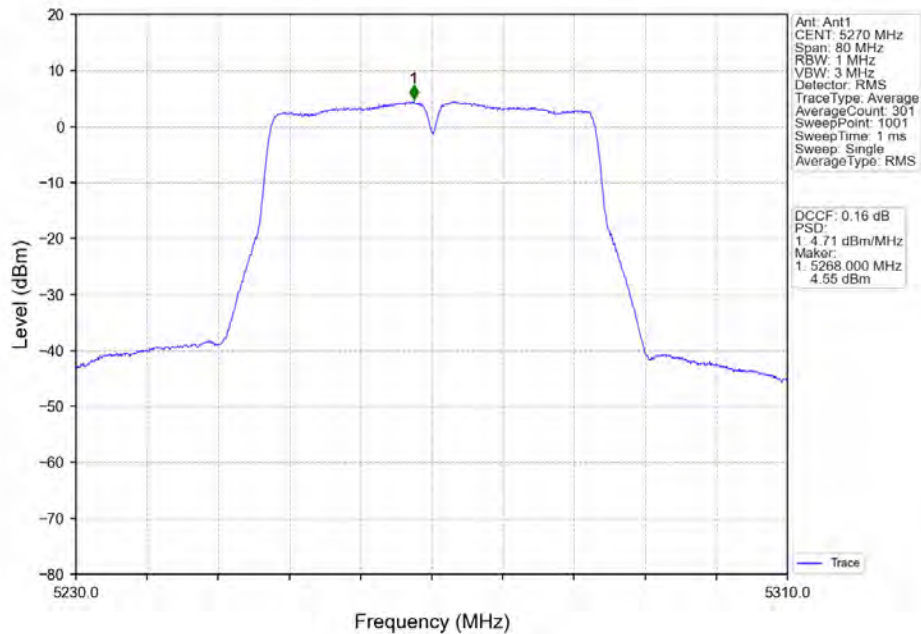
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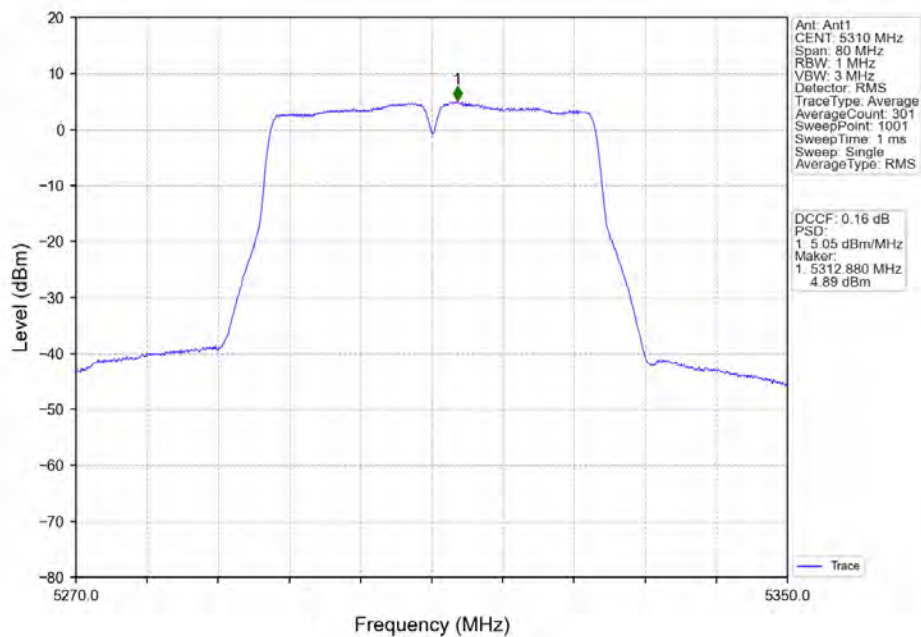
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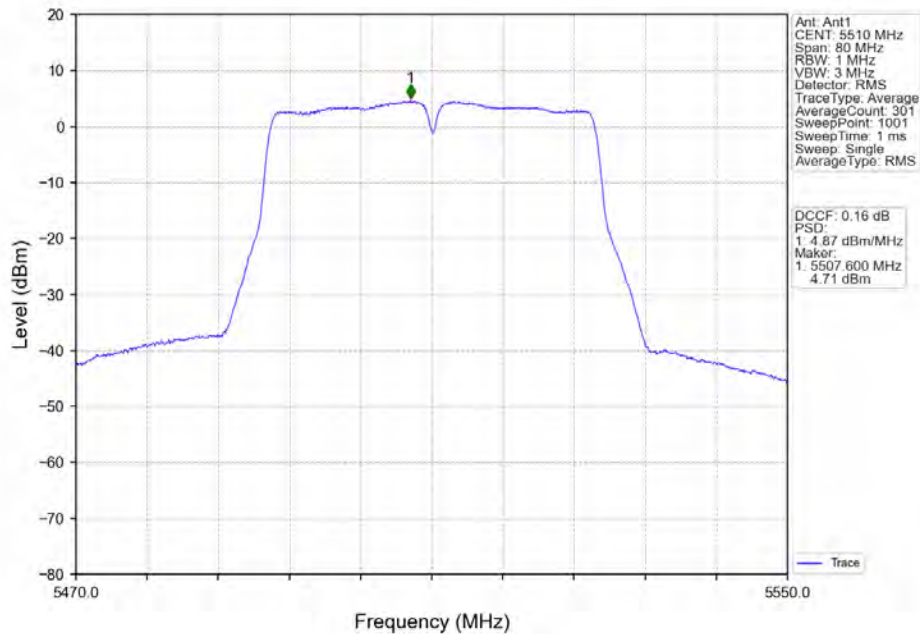
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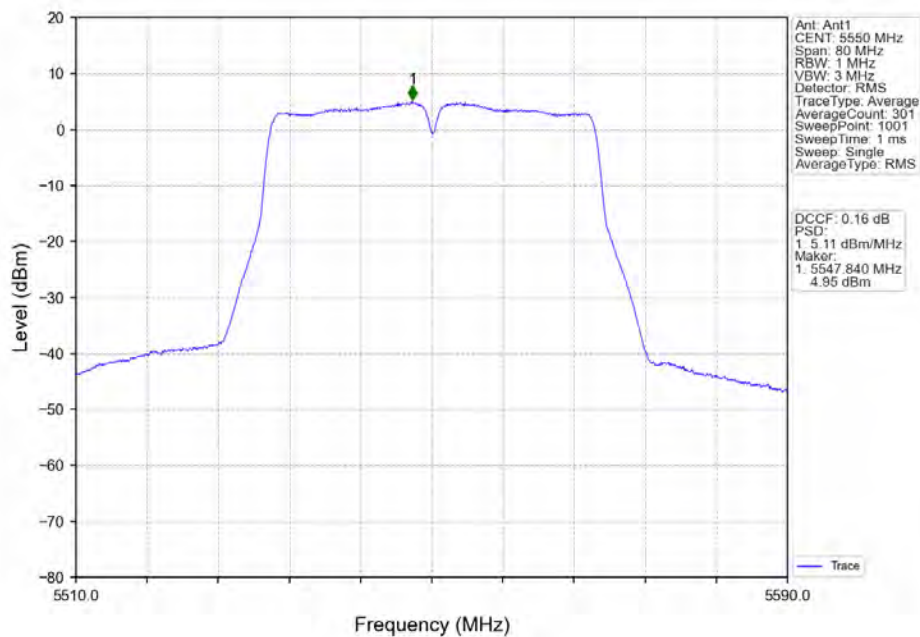
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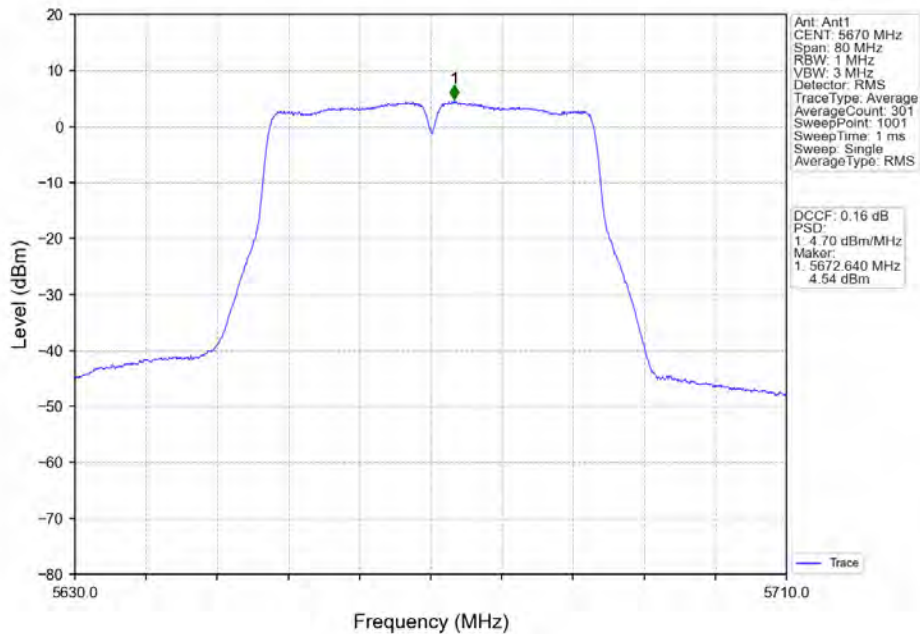
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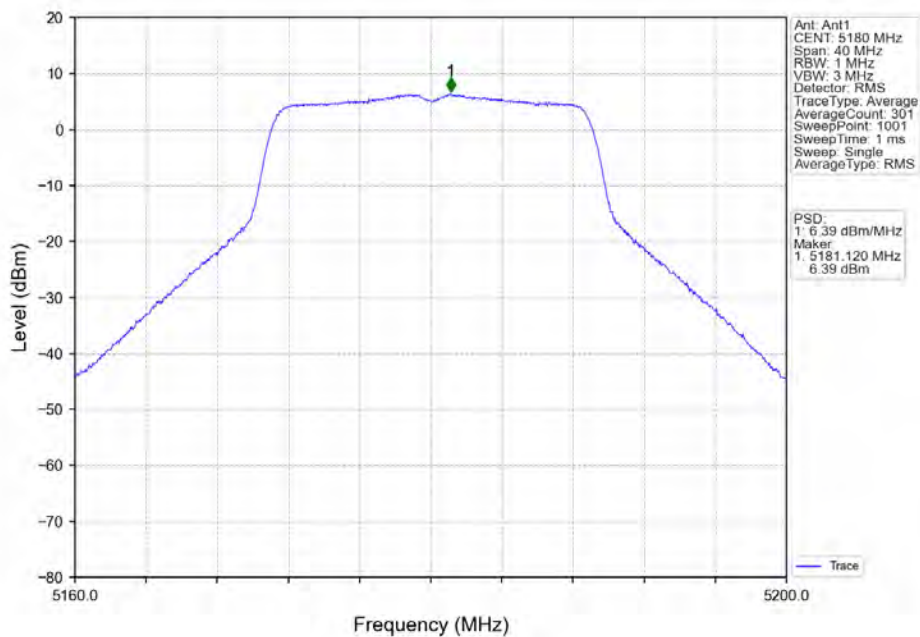
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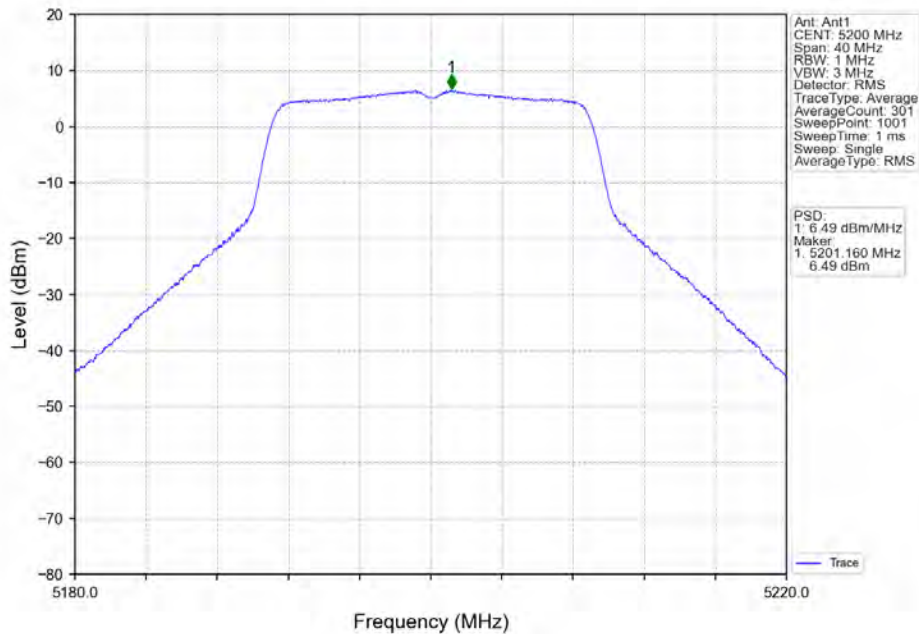
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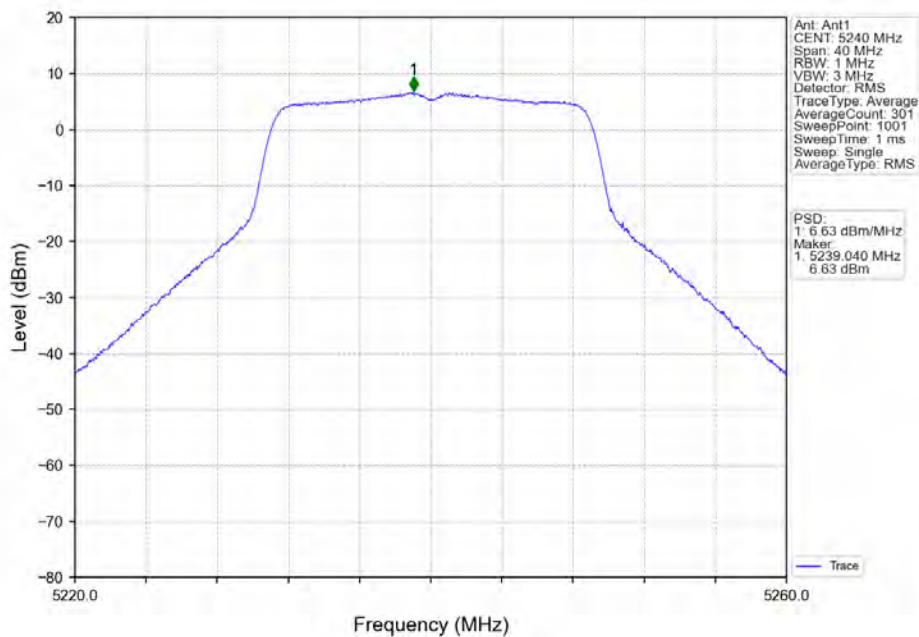
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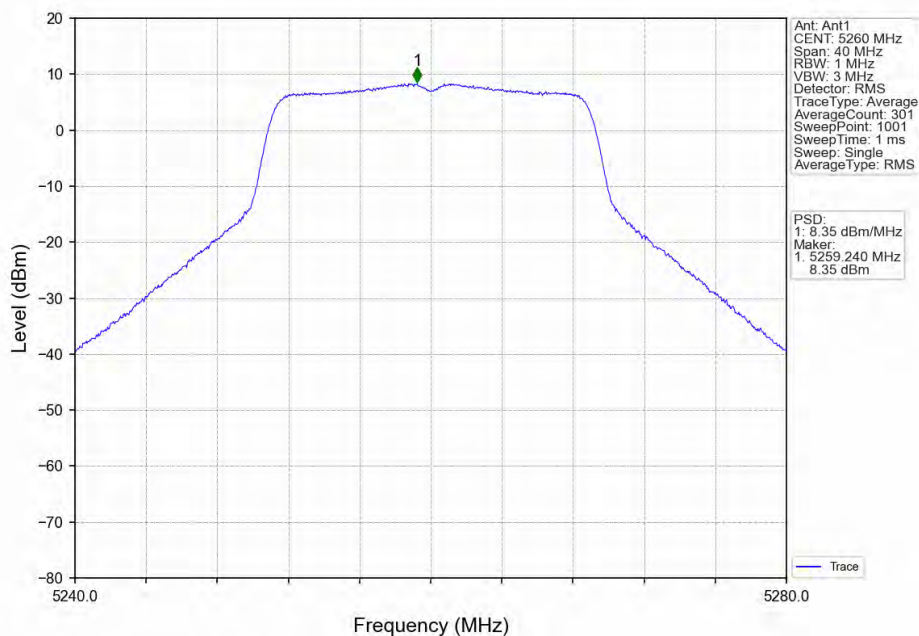
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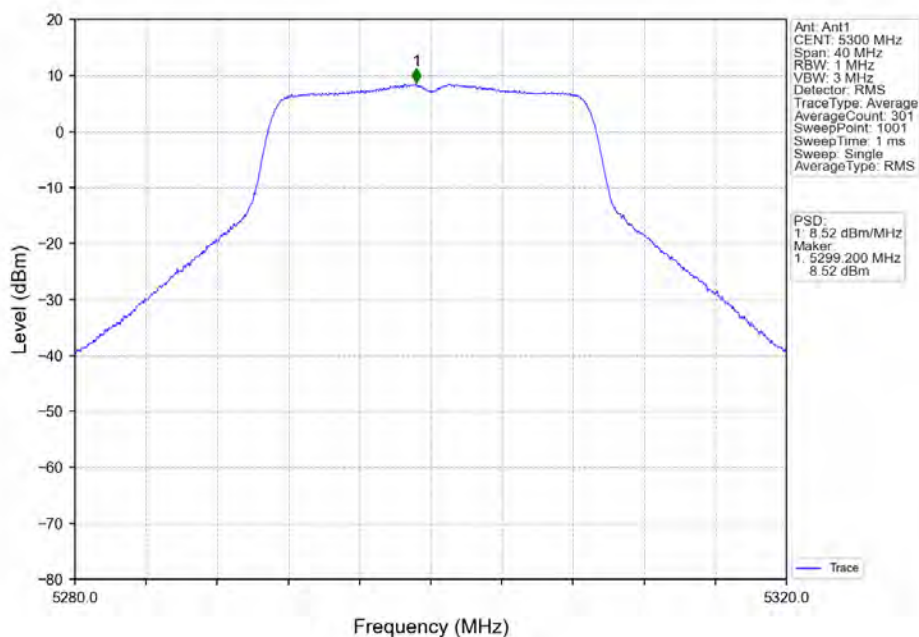
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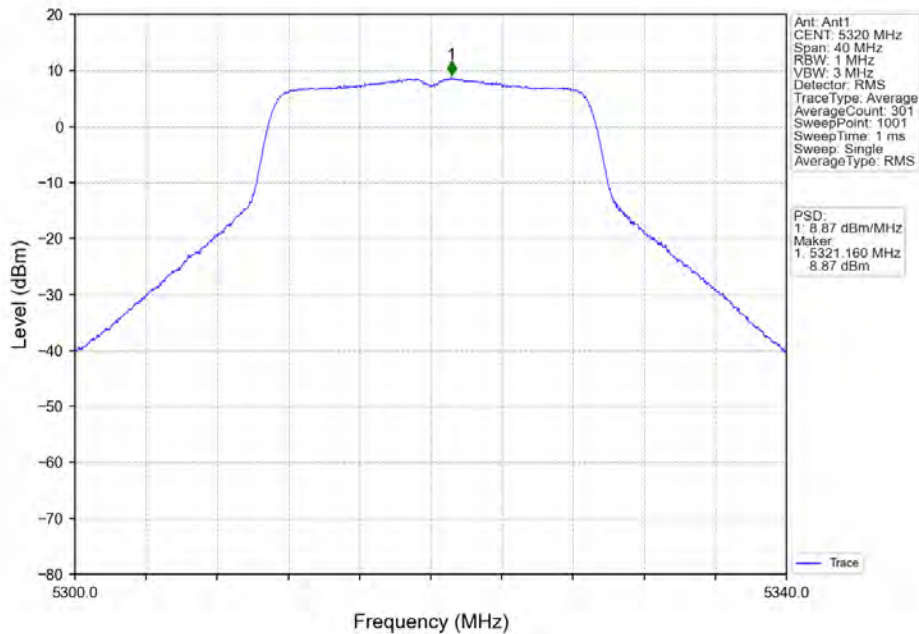
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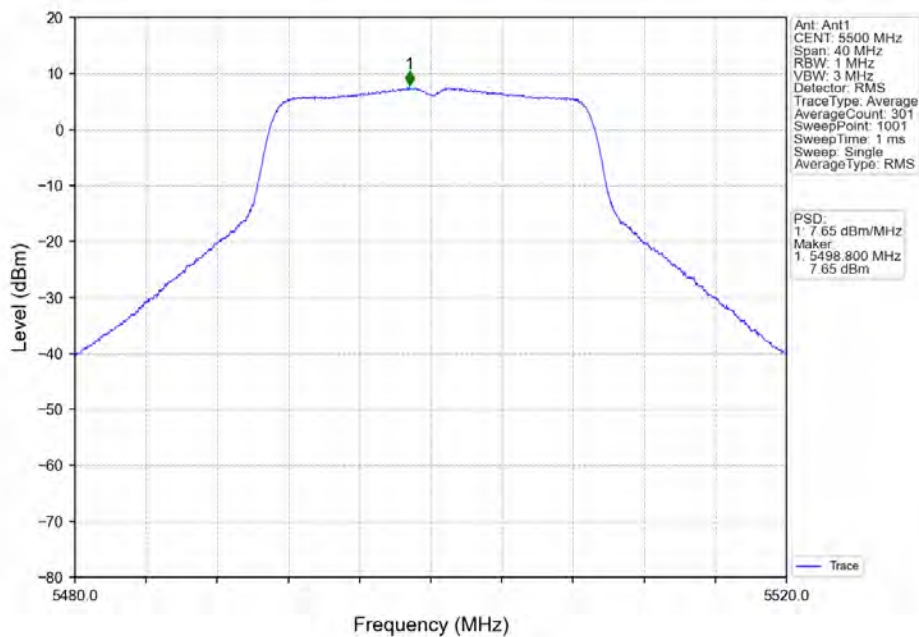
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



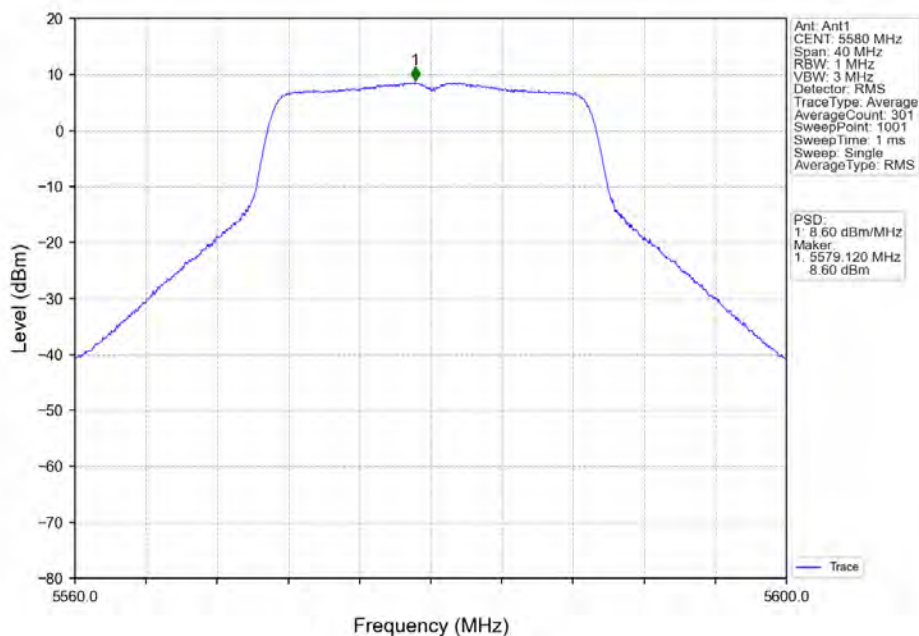
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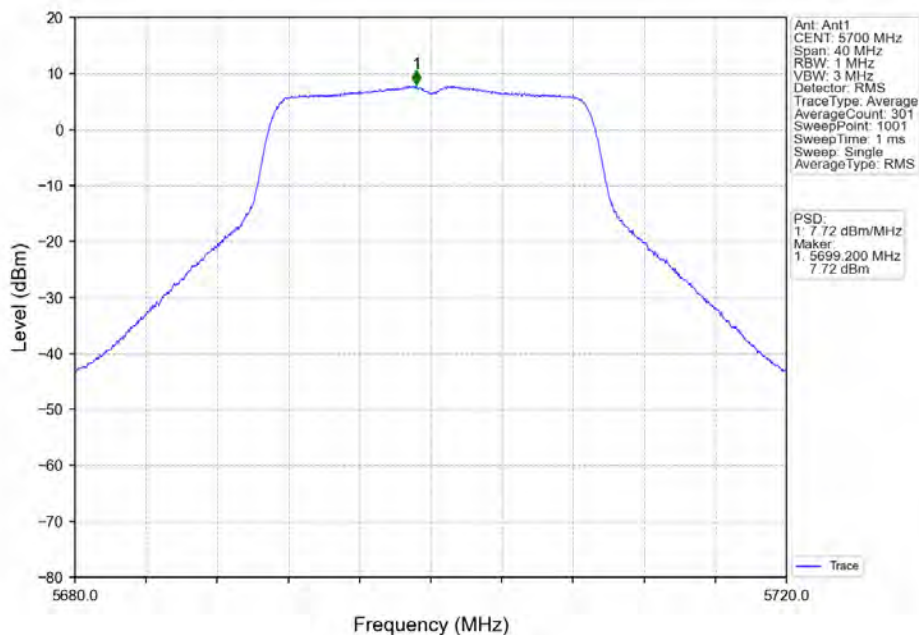
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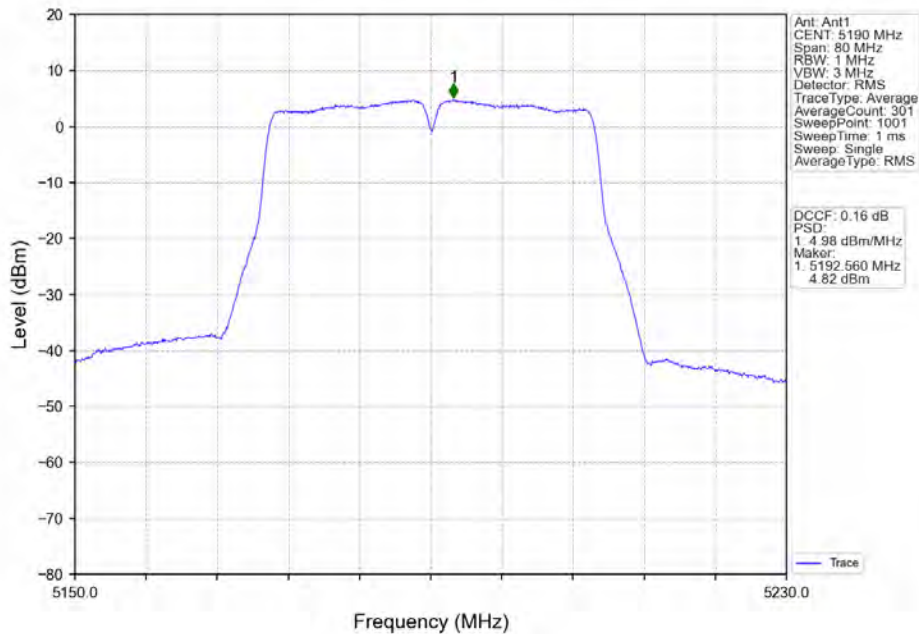
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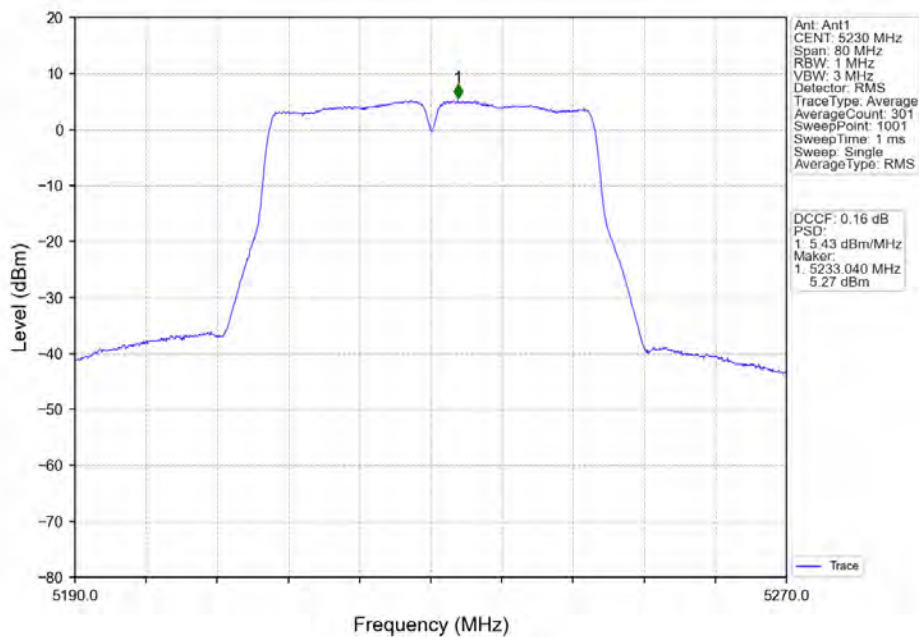
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



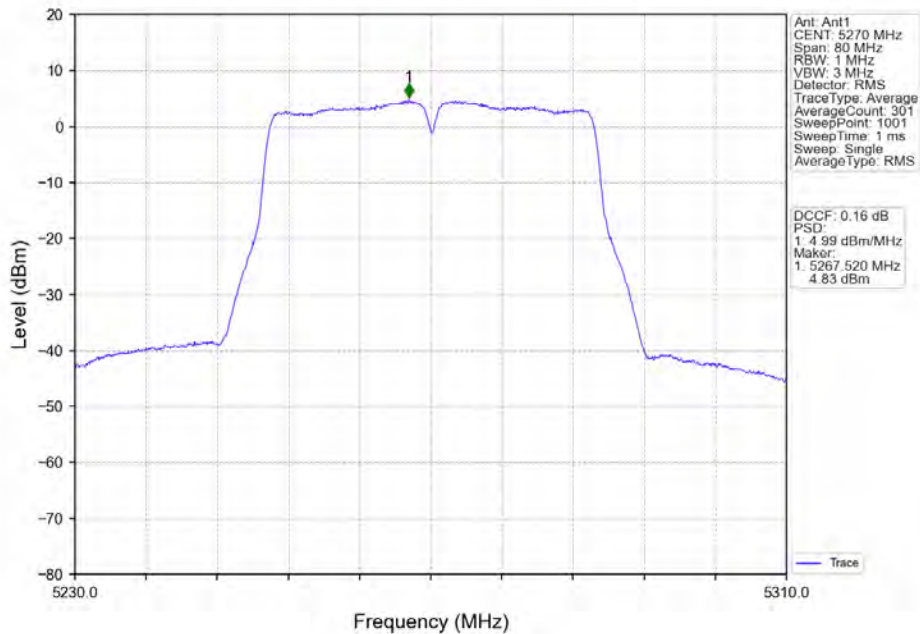
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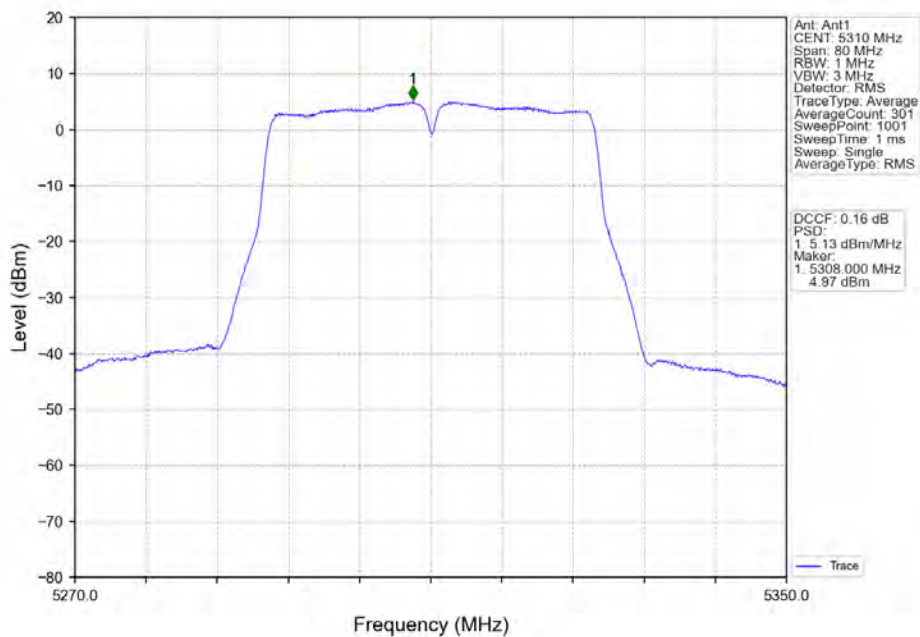
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



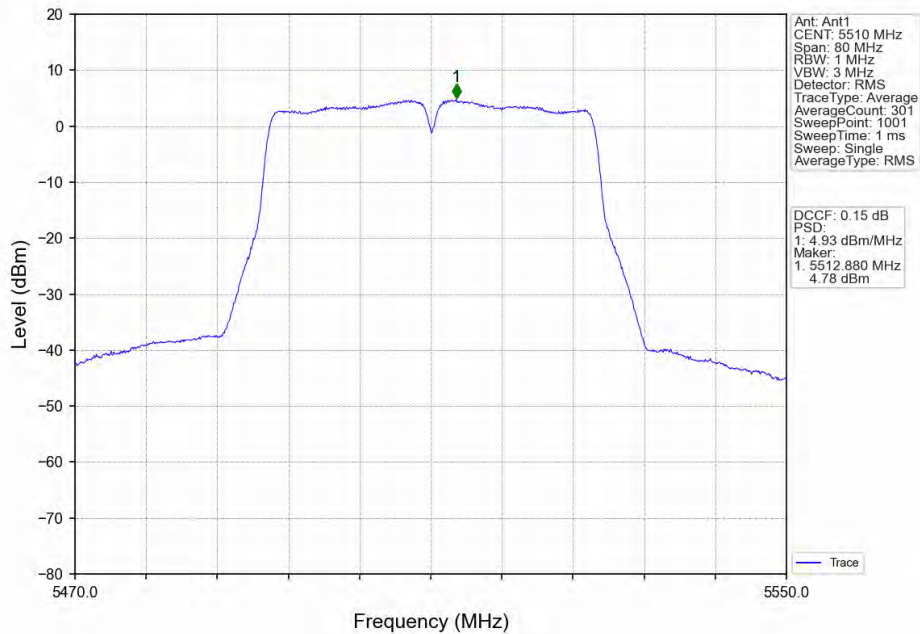
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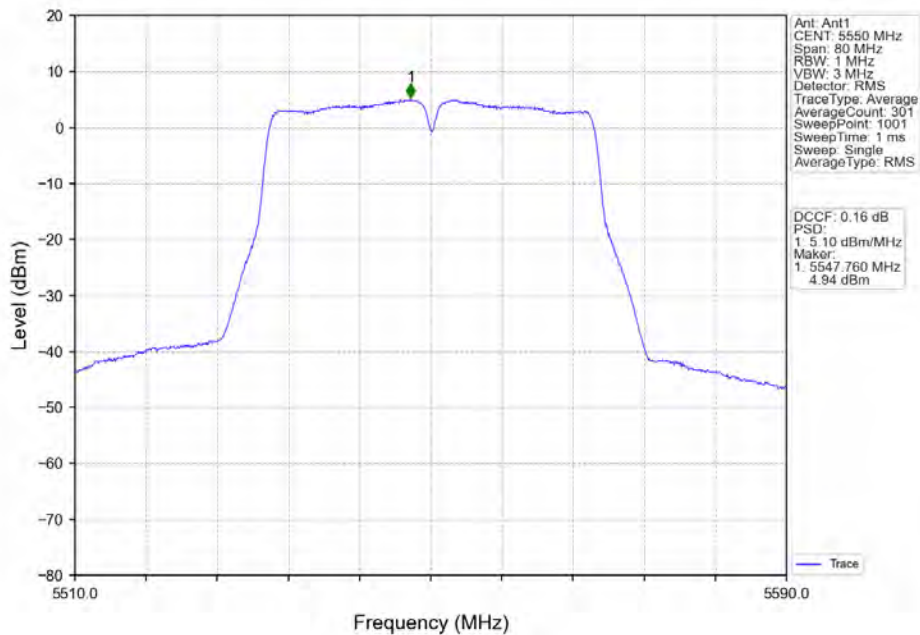
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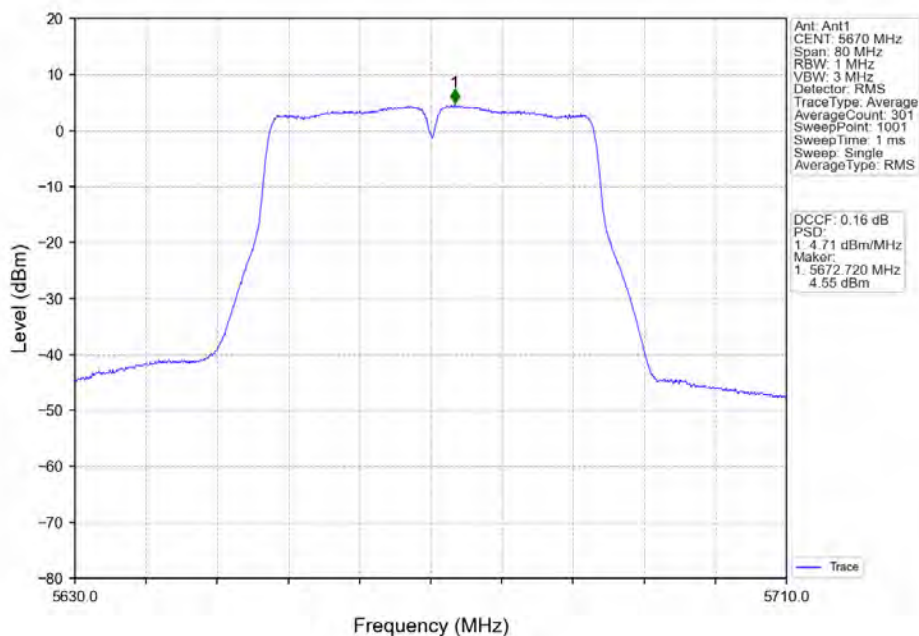
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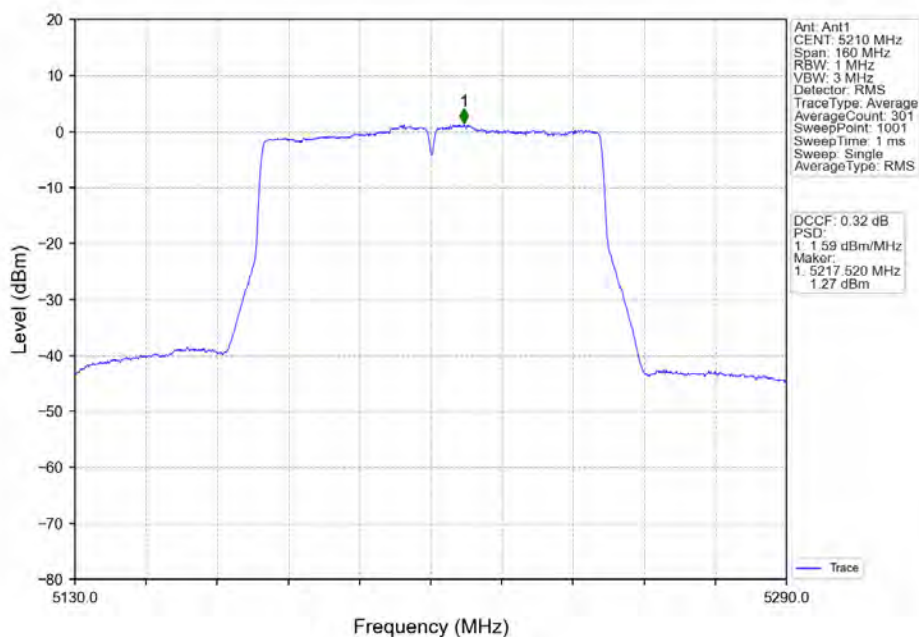
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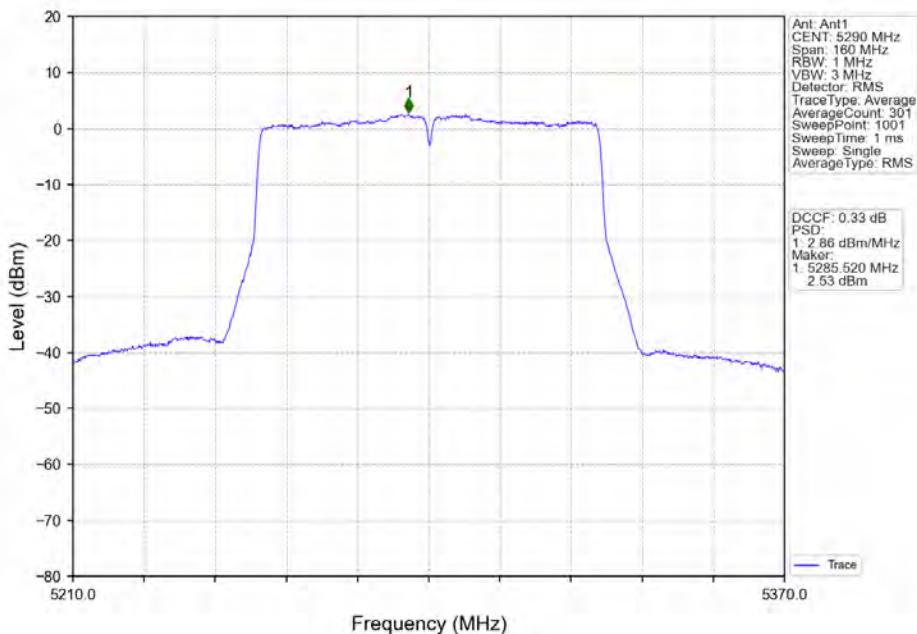
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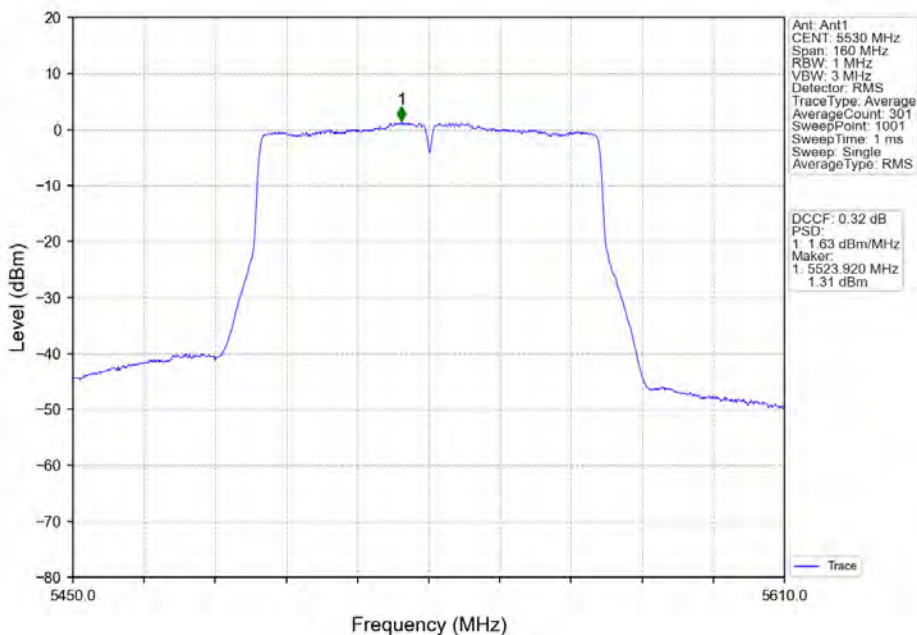
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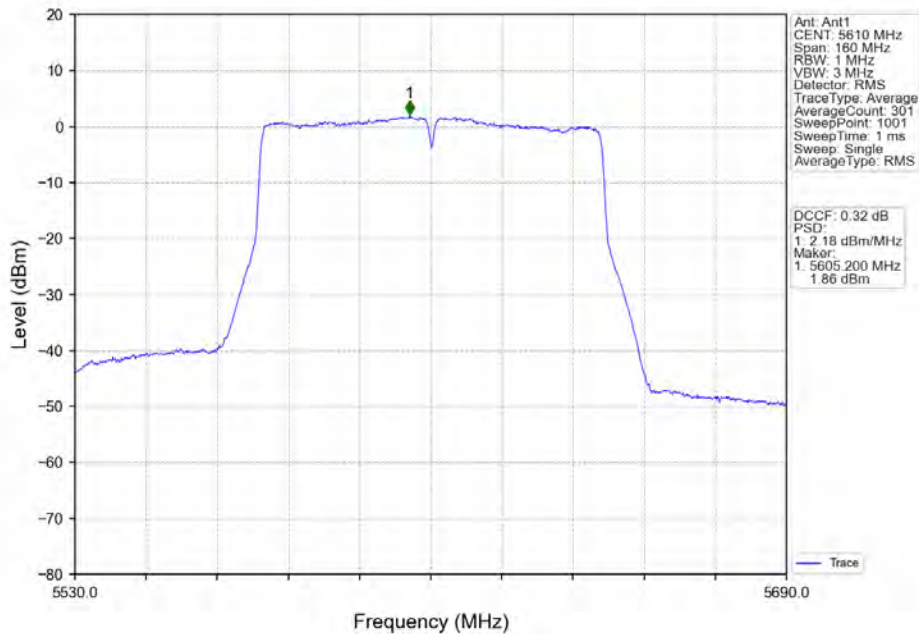
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



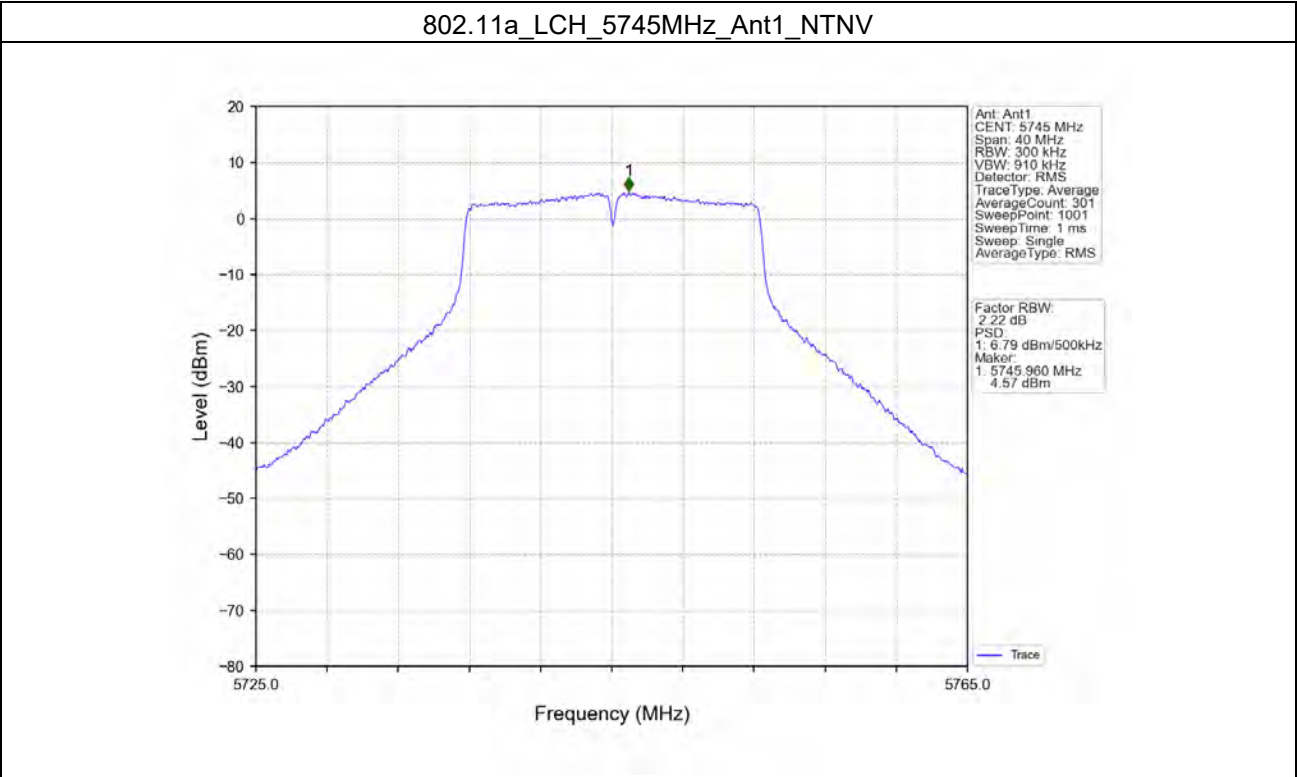
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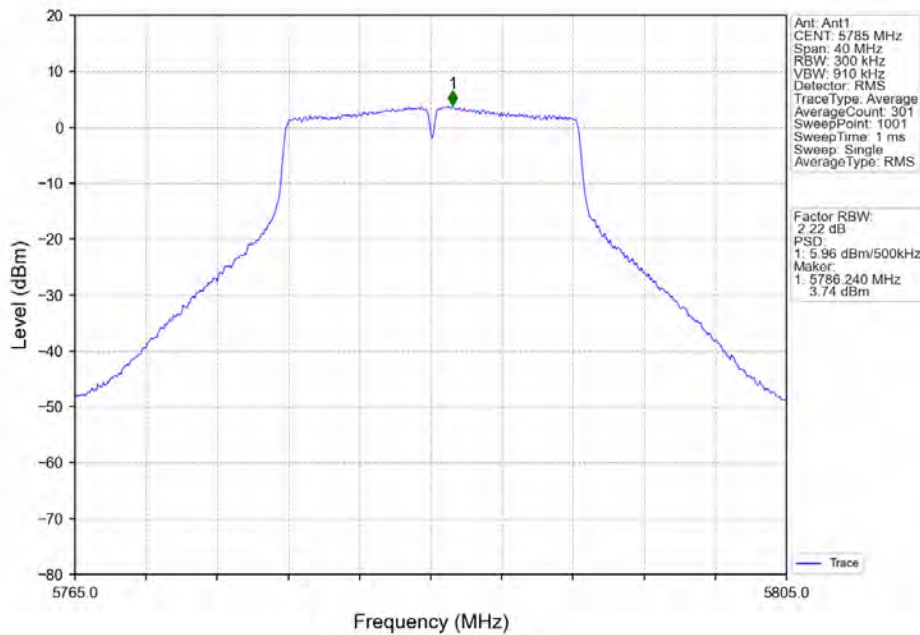
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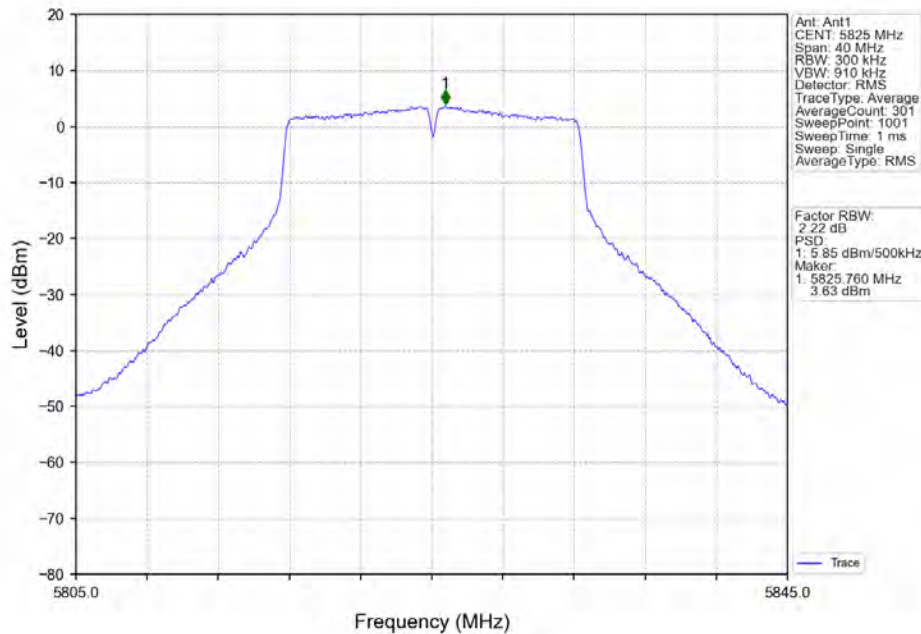
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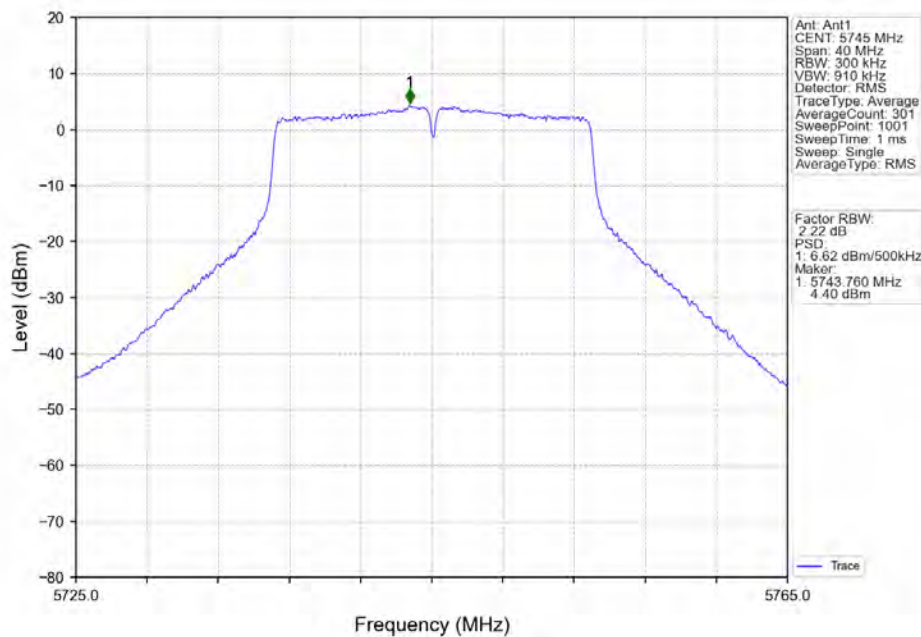
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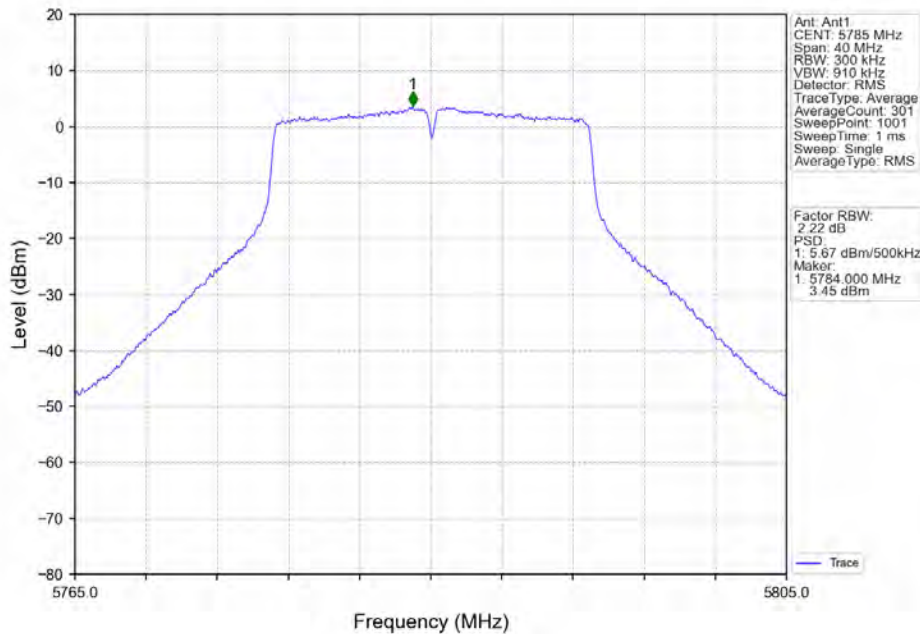
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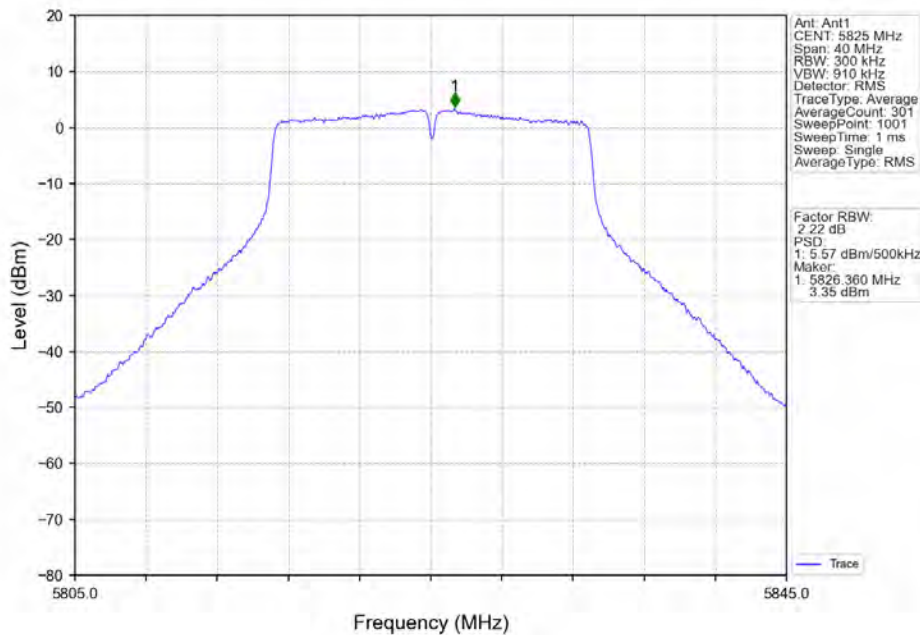
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



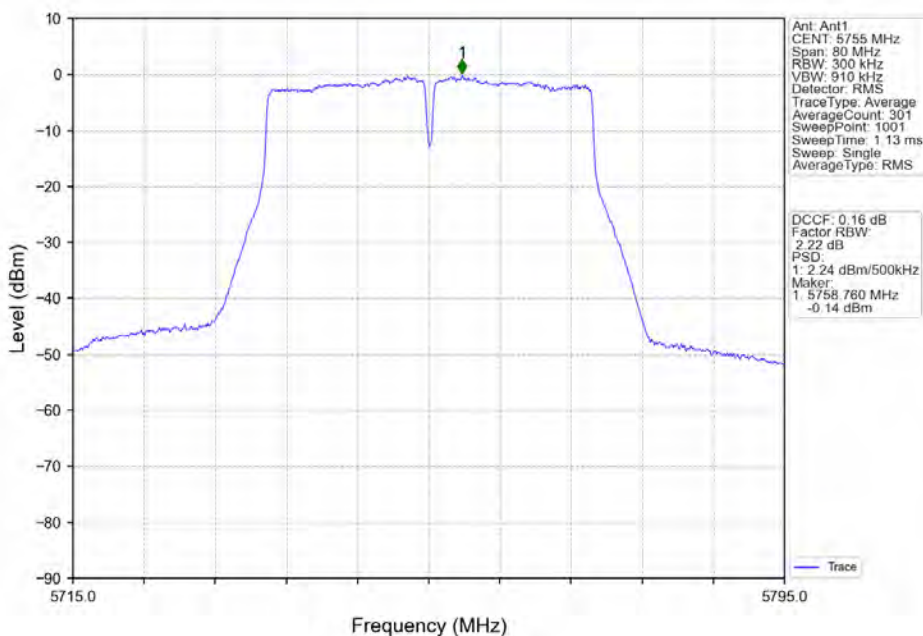
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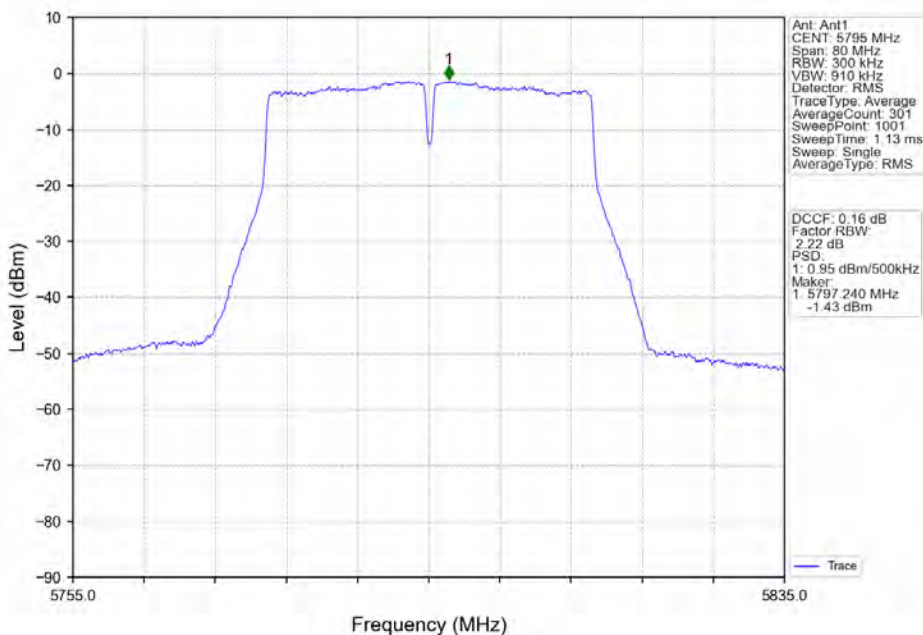
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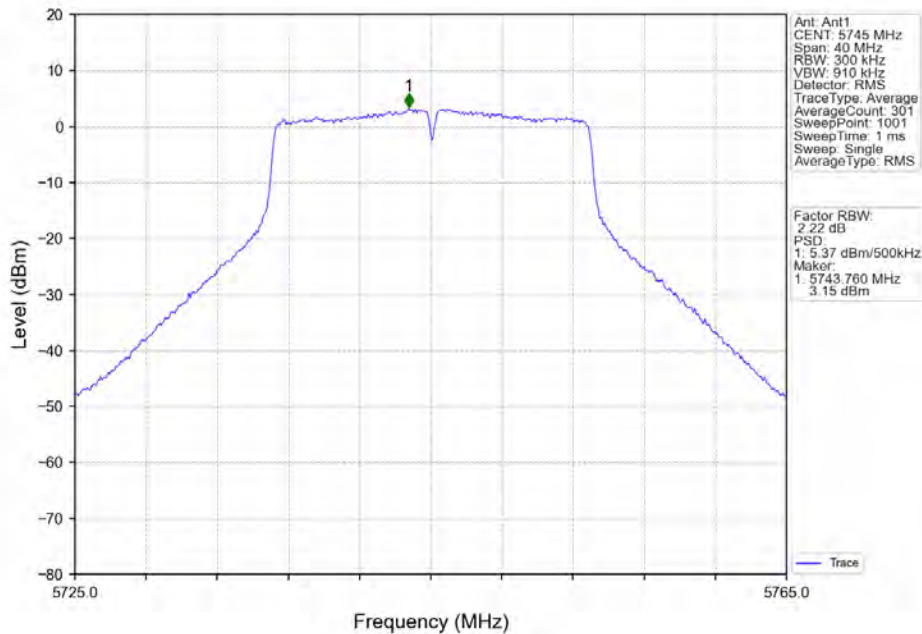
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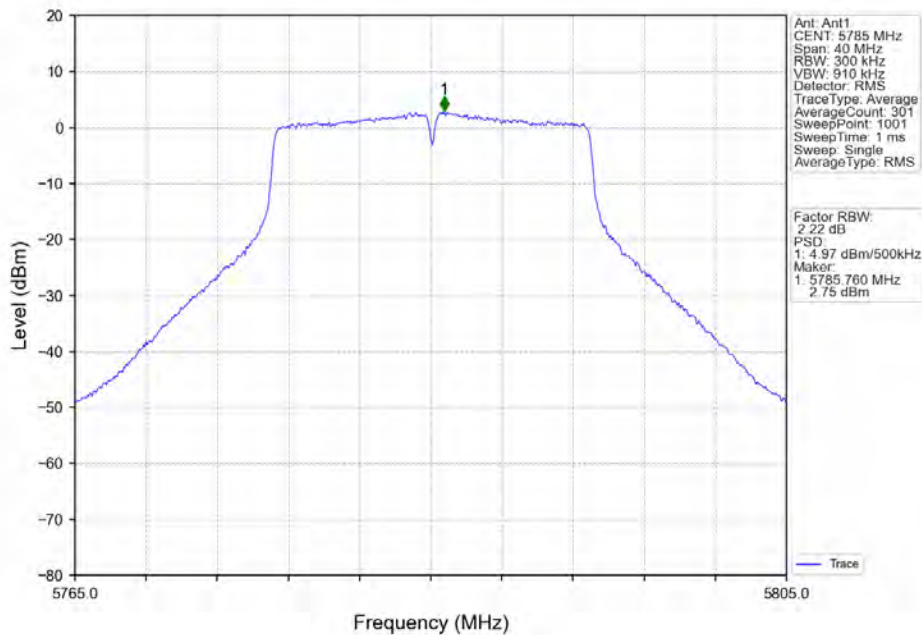
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



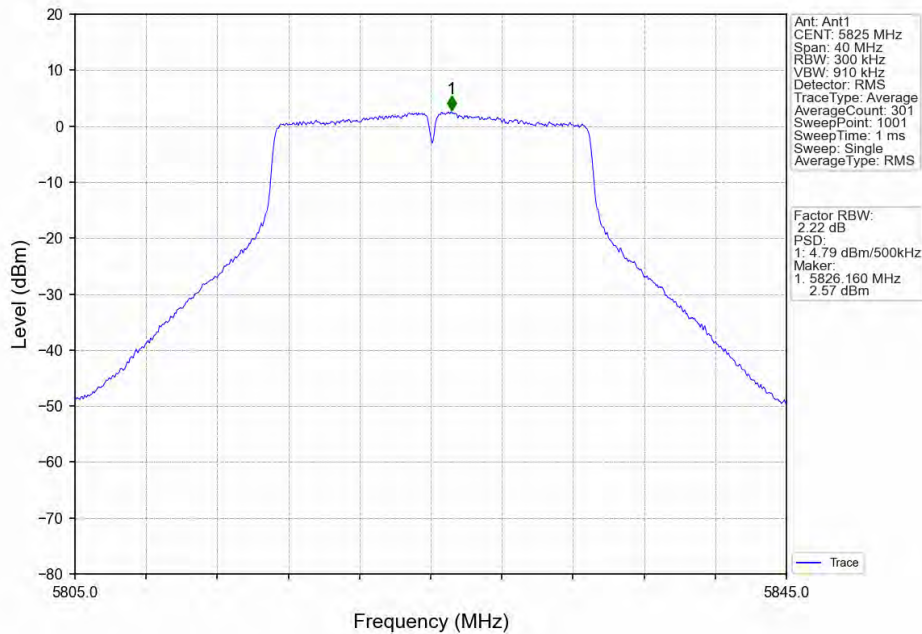
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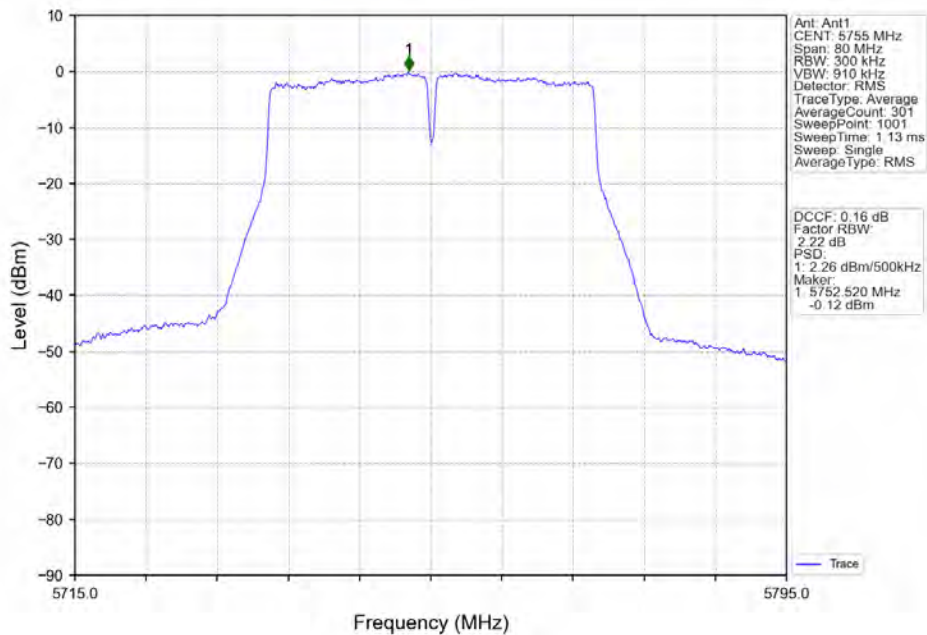
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



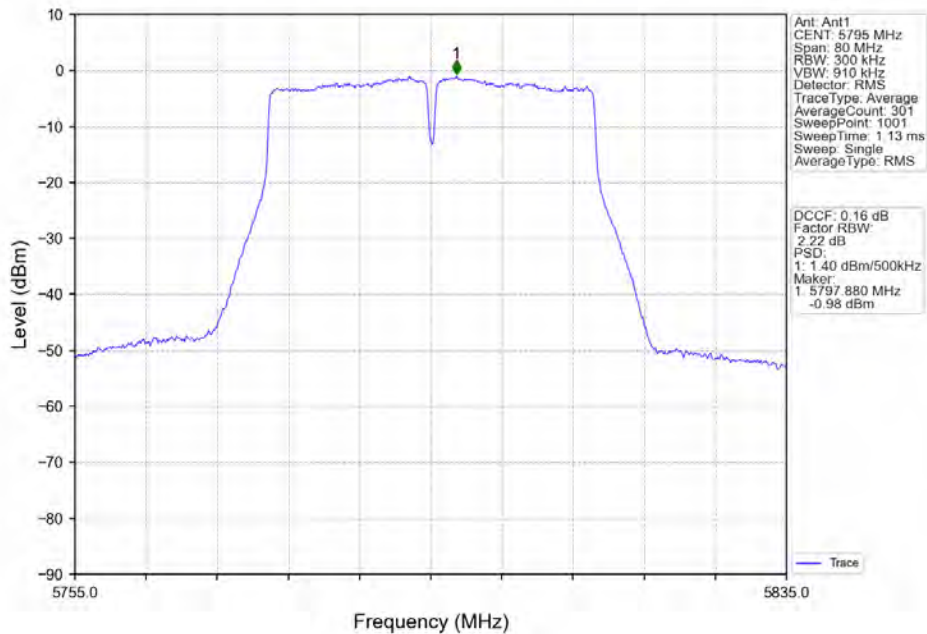
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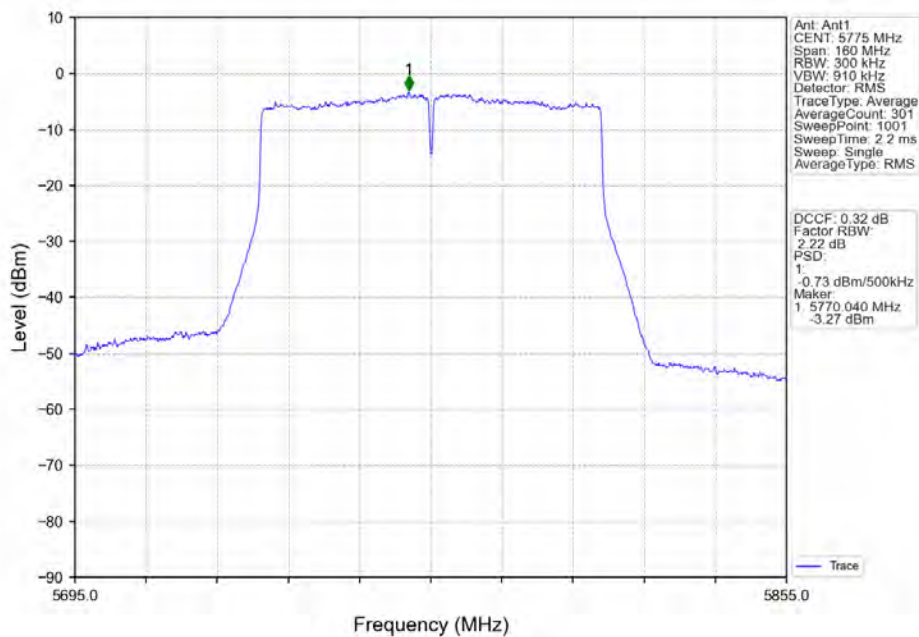
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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	3.55	5180.080	5150 to 5250	Pass
				4	5180.060	5150 to 5250	Pass
				4.4	5180.040	5150 to 5250	Pass
			-30	4	5180.100	5150 to 5250	Pass
			-20	4	5180.040	5150 to 5250	Pass
			-10	4	5180.080	5150 to 5250	Pass
			0	4	5180.120	5150 to 5250	Pass
			10	4	5180.040	5150 to 5250	Pass
			30	4	5180.060	5150 to 5250	Pass
			40	4	5180.060	5150 to 5250	Pass
			50	4	5180.000	5150 to 5250	Pass
		5200	20	3.55	5200.060	5150 to 5250	Pass
				4	5200.100	5150 to 5250	Pass
				4.4	5200.140	5150 to 5250	Pass
			-30	4	5200.040	5150 to 5250	Pass
			-20	4	5200.100	5150 to 5250	Pass
			-10	4	5200.080	5150 to 5250	Pass
			0	4	5200.080	5150 to 5250	Pass
			10	4	5200.100	5150 to 5250	Pass
			30	4	5200.060	5150 to 5250	Pass
			40	4	5200.080	5150 to 5250	Pass
			50	4	5200.100	5150 to 5250	Pass
		5240	20	3.55	5240.120	5150 to 5250	Pass
				4	5240.080	5150 to 5250	Pass
				4.4	5240.140	5150 to 5250	Pass
			-30	4	5240.080	5150 to 5250	Pass
			-20	4	5240.100	5150 to 5250	Pass
			-10	4	5240.100	5150 to 5250	Pass
			0	4	5240.120	5150 to 5250	Pass
			10	4	5240.020	5150 to 5250	Pass



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SZEMC-TRF-01 Rev. A/1

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			30	4	5240.120	5150 to 5250	Pass
			40	4	5240.020	5150 to 5250	Pass
			50	4	5240.100	5150 to 5250	Pass
		5260	20	3.55	5260.120	5250 to 5350	Pass
				4	5260.080	5250 to 5350	Pass
				4.4	5260.080	5250 to 5350	Pass
			-30	4	5260.060	5250 to 5350	Pass
			-20	4	5260.080	5250 to 5350	Pass
			-10	4	5260.100	5250 to 5350	Pass
			0	4	5260.040	5250 to 5350	Pass
			10	4	5260.040	5250 to 5350	Pass
			30	4	5260.020	5250 to 5350	Pass
			40	4	5260.080	5250 to 5350	Pass
			50	4	5260.100	5250 to 5350	Pass
		5300	20	3.55	5300.060	5250 to 5350	Pass
				4	5300.040	5250 to 5350	Pass
				4.4	5300.060	5250 to 5350	Pass
			-30	4	5300.140	5250 to 5350	Pass
			-20	4	5300.100	5250 to 5350	Pass
			-10	4	5300.040	5250 to 5350	Pass
			0	4	5300.080	5250 to 5350	Pass
			10	4	5300.060	5250 to 5350	Pass
			30	4	5300.060	5250 to 5350	Pass
			40	4	5300.120	5250 to 5350	Pass
			50	4	5300.060	5250 to 5350	Pass
		5320	20	3.55	5320.100	5250 to 5350	Pass
				4	5320.100	5250 to 5350	Pass
				4.4	5320.080	5250 to 5350	Pass
			-30	4	5320.120	5250 to 5350	Pass
			-20	4	5320.140	5250 to 5350	Pass
			-10	4	5320.140	5250 to 5350	Pass
			0	4	5320.100	5250 to 5350	Pass
			10	4	5320.020	5250 to 5350	Pass
			30	4	5320.000	5250 to 5350	Pass
			40	4	5320.040	5250 to 5350	Pass
			50	4	5320.060	5250 to 5350	Pass
		5500	20	3.55	5500.080	5470 to 5725	Pass
				4	5500.060	5470 to 5725	Pass
				4.4	5500.080	5470 to 5725	Pass
			-30	4	5500.020	5470 to 5725	Pass



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