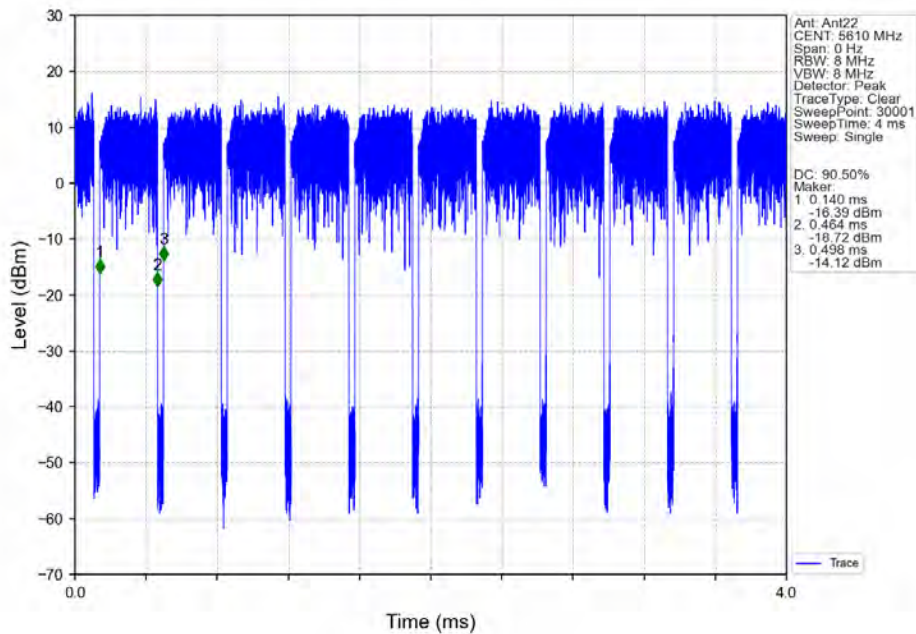
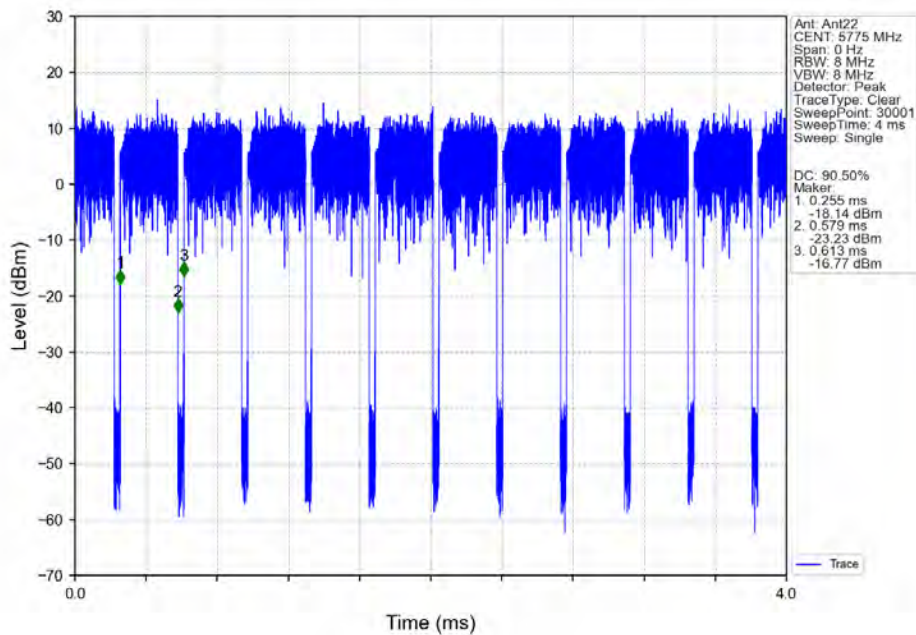


802.11ac(VHT80)_HCH_5610MHz_Ant22_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant22_NTNV



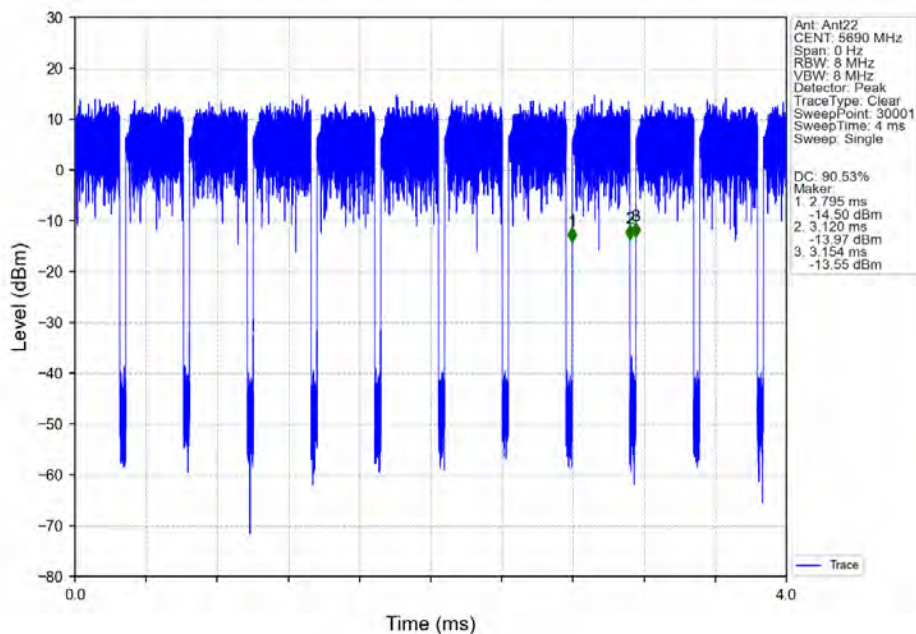
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802.11ac(VHT80)_HCH_5690MHz_Ant22_NTNV



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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	22	17.482	/	Pass
		5200	22	17.821	/	Pass
		5240	22	17.789	/	Pass
		5260	22	17.644	/	Pass
		5300	22	17.607	/	Pass
		5320	22	17.408	/	Pass
		5500	22	17.111	/	Pass
		5580	22	17.497	/	Pass
		5700	22	17.408	/	Pass
		5745	22	17.585	/	Pass
		5785	22	17.639	/	Pass
		5825	22	17.525	/	Pass
		5720	22	17.561	/	Pass
802.11n (HT20)	SISO	5180	22	18.499	/	Pass
		5200	22	18.681	/	Pass
		5240	22	18.684	/	Pass
		5260	22	18.690	/	Pass
		5300	22	18.655	/	Pass
		5320	22	18.397	/	Pass
		5500	22	18.114	/	Pass
		5580	22	18.468	/	Pass
		5700	22	18.249	/	Pass
		5745	22	18.640	/	Pass
		5785	22	18.569	/	Pass
		5825	22	18.674	/	Pass
		5720	22	18.454	/	Pass
802.11n (HT40)	SISO	5190	22	36.656	/	Pass
		5230	22	37.195	/	Pass
		5270	22	37.229	/	Pass
		5310	22	36.463	/	Pass
		5510	22	36.391	/	Pass



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		5550	22	36.957	/	Pass
		5670	22	36.868	/	Pass
		5755	22	37.112	/	Pass
		5795	22	37.184	/	Pass
		5710	22	36.972	/	Pass
802.11ac (VHT20)	SISO	5180	22	18.286	/	Pass
		5200	22	18.566	/	Pass
		5240	22	18.529	/	Pass
		5260	22	18.468	/	Pass
		5300	22	18.417	/	Pass
		5320	22	18.230	/	Pass
		5500	22	18.284	/	Pass
		5580	22	18.305	/	Pass
		5700	22	18.160	/	Pass
		5745	22	18.373	/	Pass
		5785	22	18.332	/	Pass
		5825	22	18.395	/	Pass
		5720	22	18.310	/	Pass
802.11ac (VHT40)	SISO	5190	22	36.678	/	Pass
		5230	22	36.808	/	Pass
		5270	22	36.772	/	Pass
		5310	22	36.231	/	Pass
		5510	22	36.424	/	Pass
		5550	22	36.576	/	Pass
		5670	22	36.515	/	Pass
		5755	22	36.532	/	Pass
		5795	22	36.569	/	Pass
		5710	22	36.692	/	Pass
802.11ac (VHT80)	SISO	5210	22	75.477	/	Pass
		5290	22	75.504	/	Pass
		5530	22	75.423	/	Pass
		5610	22	75.591	/	Pass
		5775	22	75.630	/	Pass
		5690	22	75.806	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	22	15.158	>=0.5	Pass



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		5785	22	15.172	≥ 0.5	Pass
		5825	22	15.151	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	22	15.146	≥ 0.5	Pass
		5785	22	15.136	≥ 0.5	Pass
		5825	22	15.121	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	22	35.149	≥ 0.5	Pass
		5795	22	35.157	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	22	15.162	≥ 0.5	Pass
		5785	22	15.159	≥ 0.5	Pass
		5825	22	15.332	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	22	35.156	≥ 0.5	Pass
		5795	22	35.152	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	22	75.156	≥ 0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	22	19.905	/	Pass
		5200	22	21.148	/	Pass
		5240	22	22.422	/	Pass
		5260	22	20.659	/	Pass
		5300	22	21.260	/	Pass
		5320	22	20.065	/	Pass
		5500	22	19.773	/	Pass
		5580	22	20.237	/	Pass
		5700	22	19.923	/	Pass
		5720	22	19.905	/	Pass
802.11n (HT20)	SISO	5180	22	20.357	/	Pass
		5200	22	23.862	/	Pass
		5240	22	22.942	/	Pass
		5260	22	22.192	/	Pass
		5300	22	21.836	/	Pass
		5320	22	20.260	/	Pass
		5500	22	20.005	/	Pass
		5580	22	20.258	/	Pass
		5700	22	20.273	/	Pass
		5720	22	21.094	/	Pass
802.11n (HT40)	SISO	5190	22	40.850	/	Pass
		5230	22	56.997	/	Pass



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		5270	22	56.922	/	Pass
		5310	22	40.719	/	Pass
		5510	22	40.491	/	Pass
		5550	22	40.949	/	Pass
		5670	22	40.631	/	Pass
		5710	22	40.291	/	Pass
802.11ac (VHT20)	SISO	5180	22	20.348	/	Pass
		5200	22	21.846	/	Pass
		5240	22	23.258	/	Pass
		5260	22	22.829	/	Pass
		5300	22	21.784	/	Pass
		5320	22	20.335	/	Pass
		5500	22	20.268	/	Pass
		5580	22	20.271	/	Pass
		5700	22	20.192	/	Pass
		5720	22	20.244	/	Pass
802.11ac (VHT40)	SISO	5190	22	40.641	/	Pass
		5230	22	43.697	/	Pass
		5270	22	42.623	/	Pass
		5310	22	40.615	/	Pass
		5510	22	40.670	/	Pass
		5550	22	40.512	/	Pass
		5670	22	40.686	/	Pass
		5710	22	40.746	/	Pass
802.11ac (VHT80)	SISO	5210	22	80.841	/	Pass
		5290	22	81.126	/	Pass
		5530	22	80.853	/	Pass
		5610	22	80.802	/	Pass
		5690	22	81.218	/	Pass



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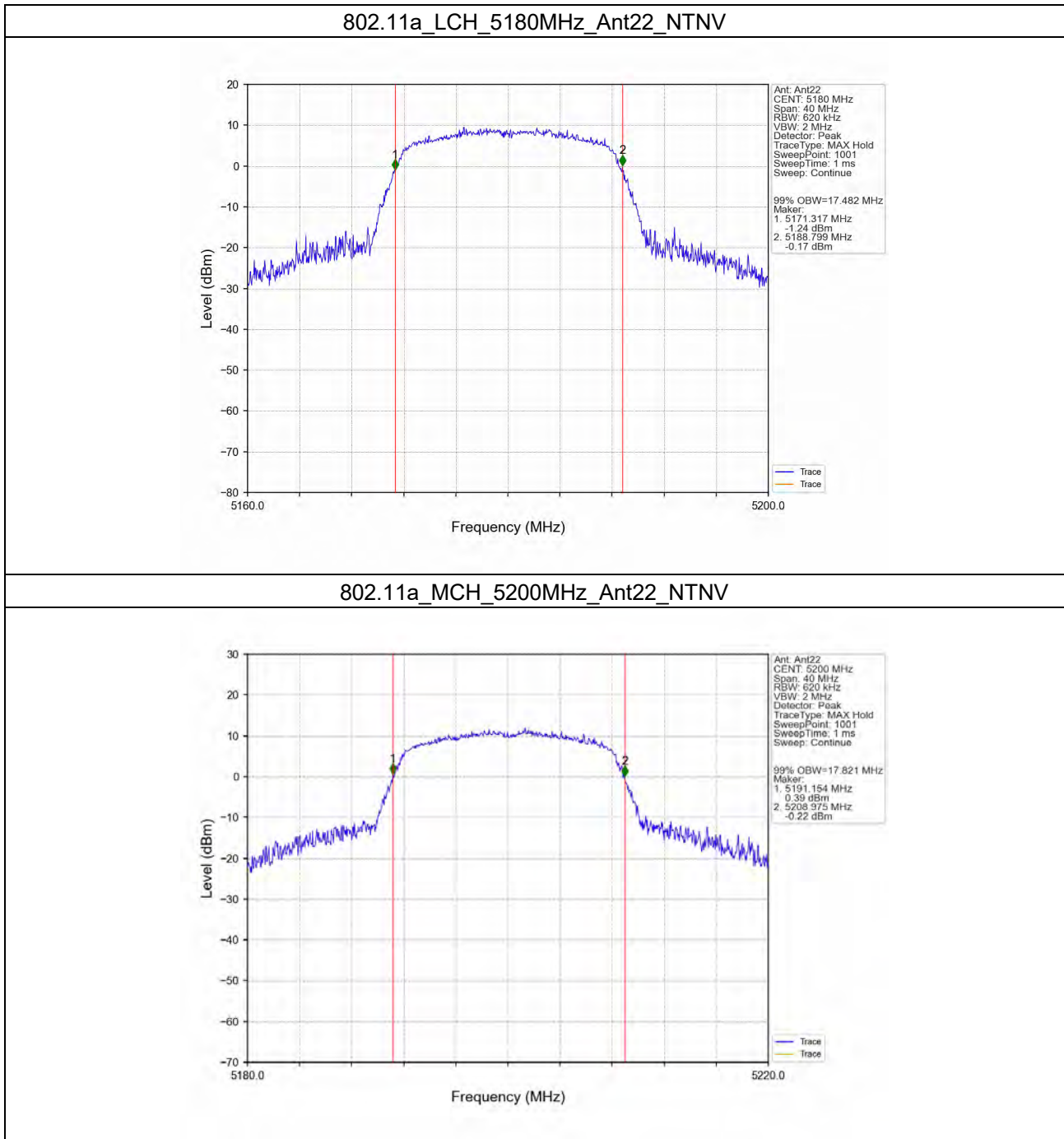
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2.2 Test Graph

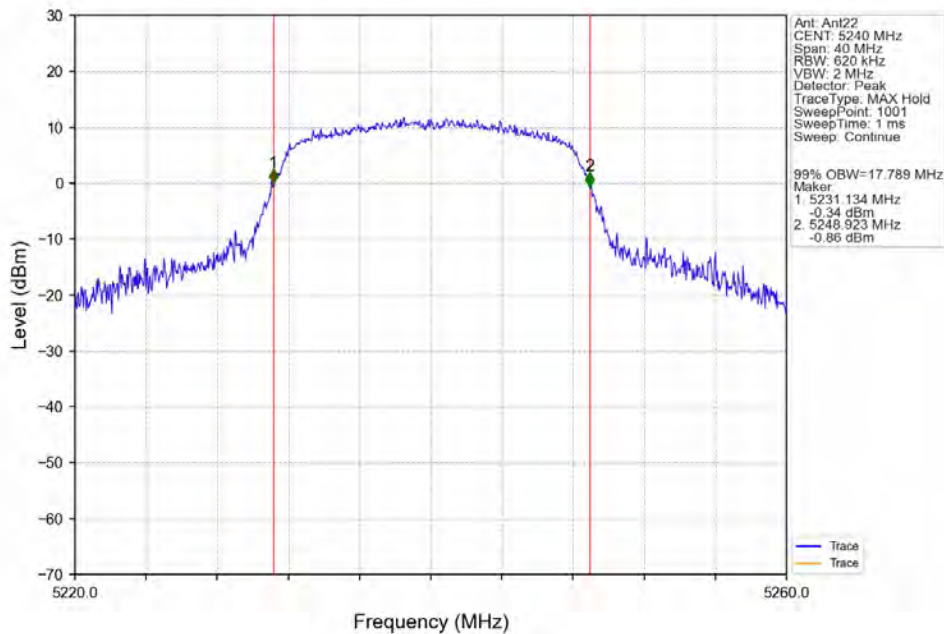
2.2.1 OBW



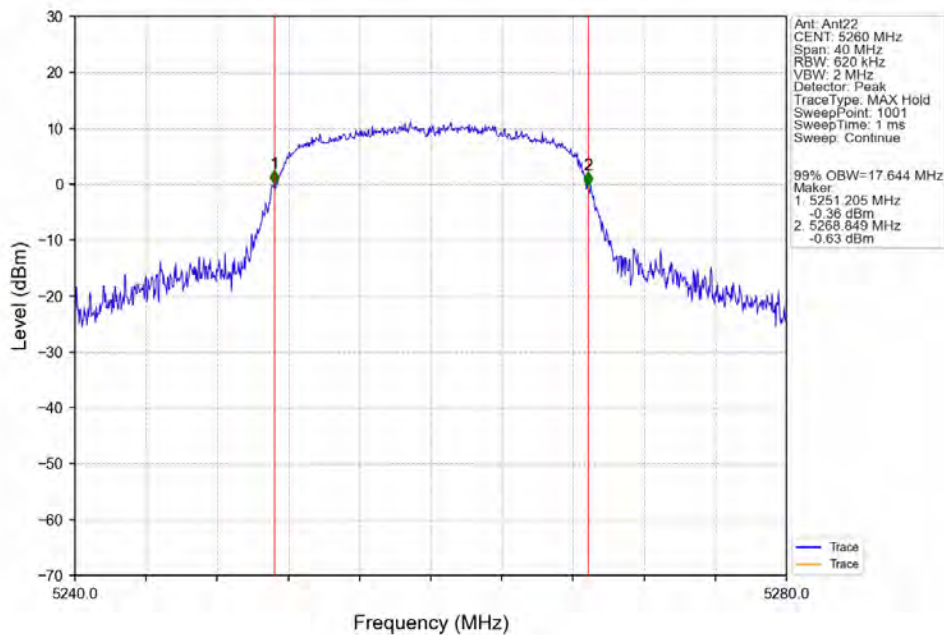
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802.11a_HCH_5240MHz_Ant22_NTNV



802.11a_LCH_5260MHz_Ant22_NTNV



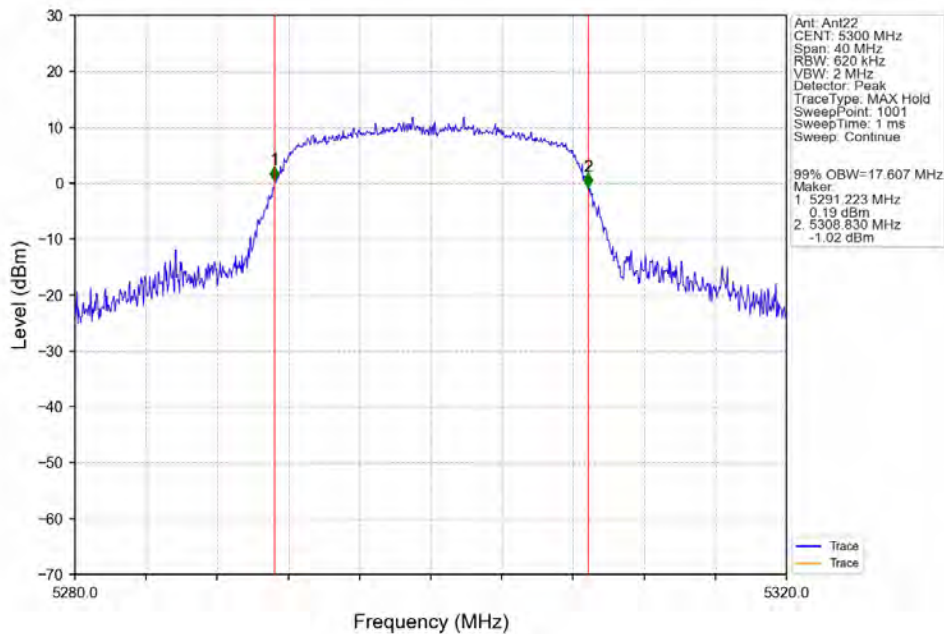
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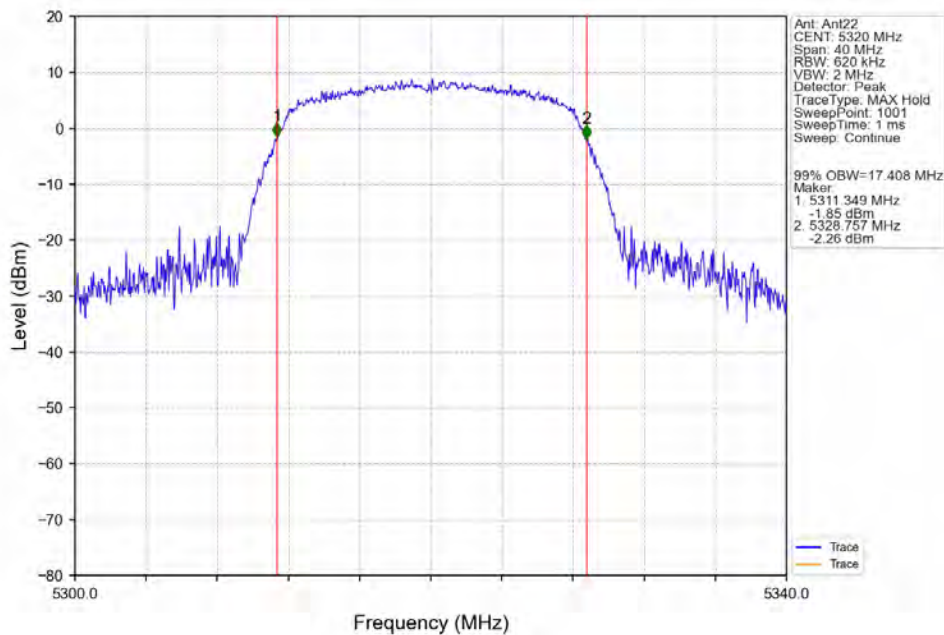
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802.11a_MCH_5300MHz_Ant22_NTNV



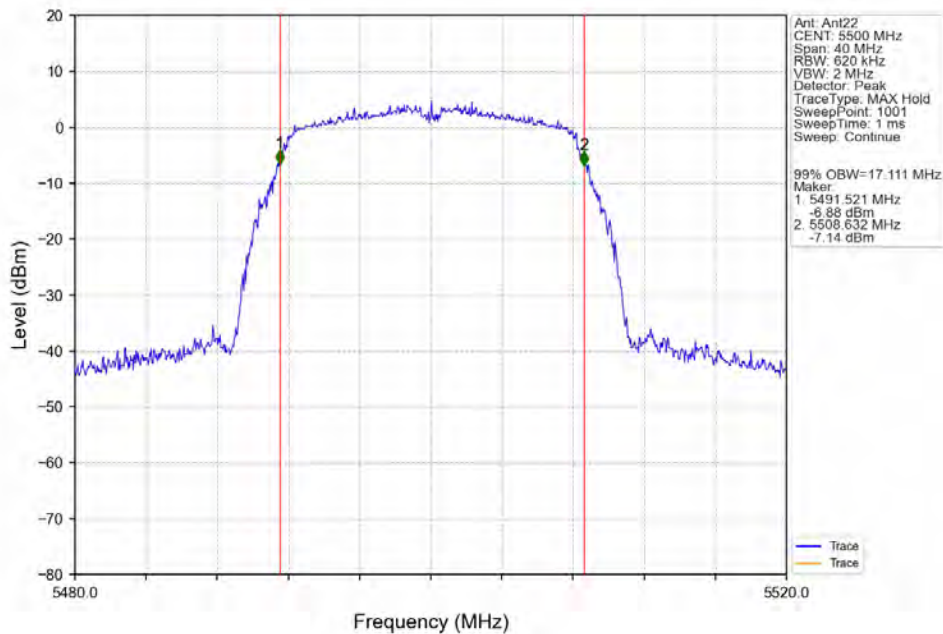
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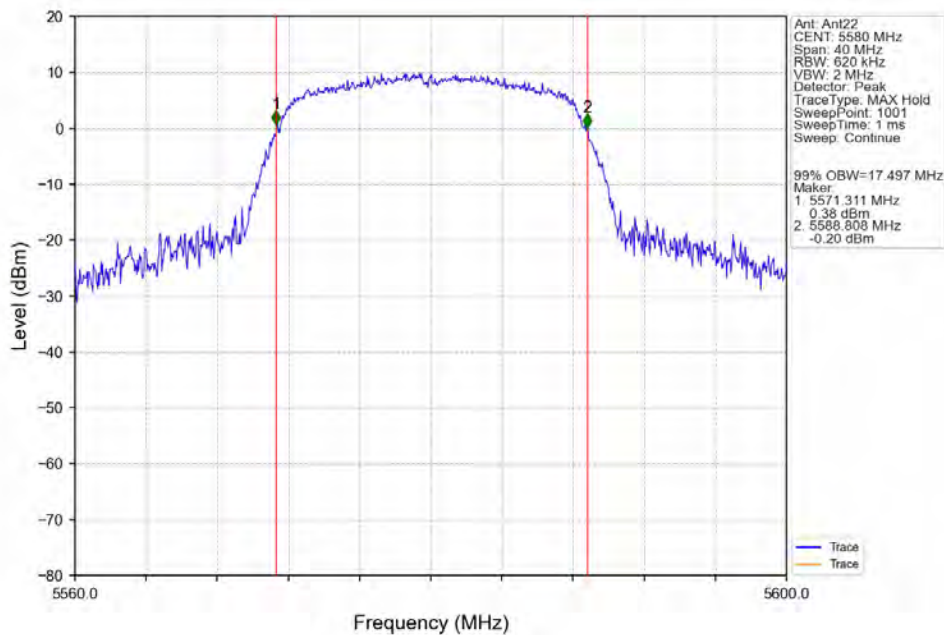
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802.11a_MCH_5580MHz_Ant22_NTNV



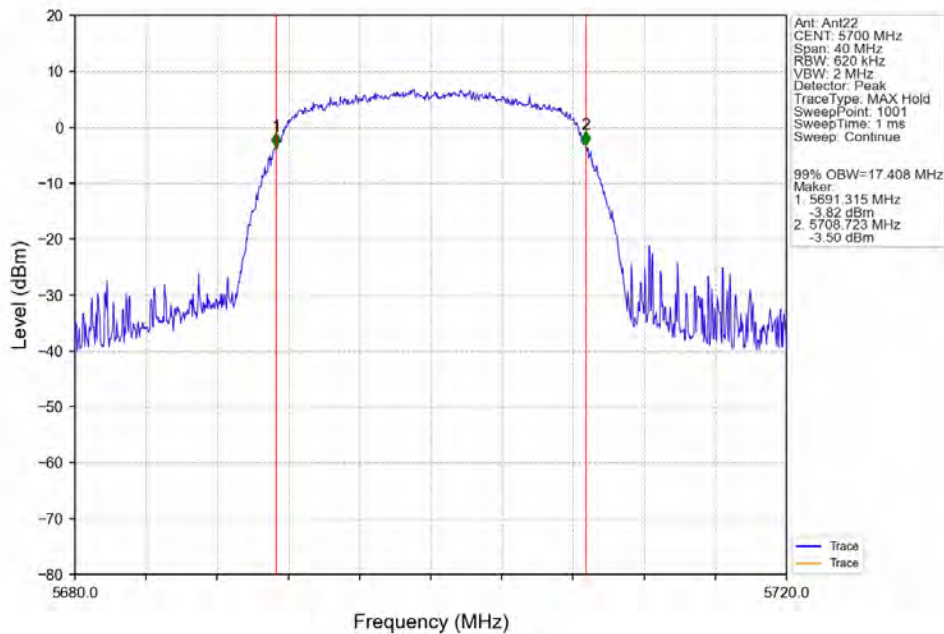
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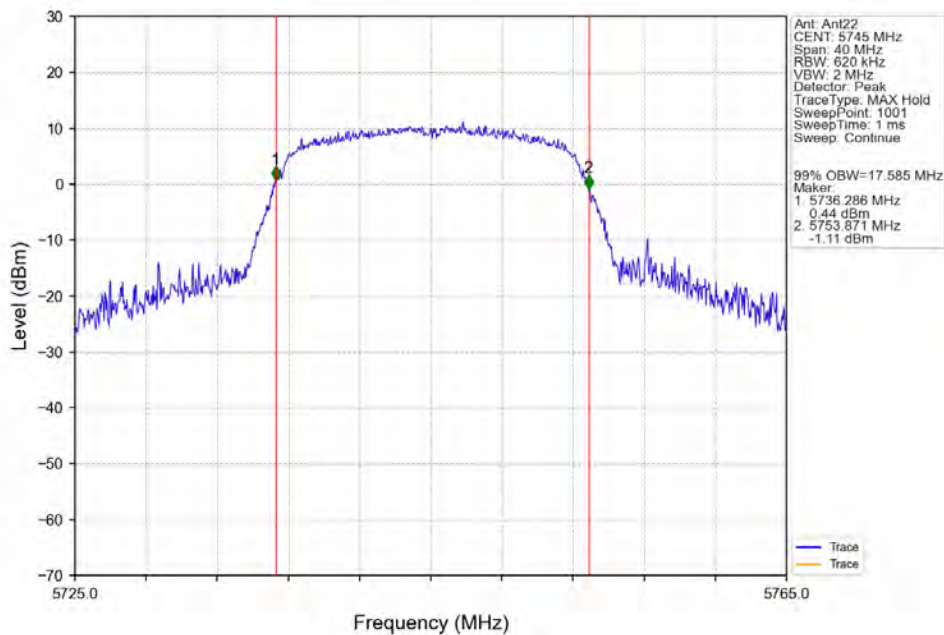
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802.11a_HCH_5700MHz_Ant22_NTNV



802.11a_LCH_5745MHz_Ant22_NTNV



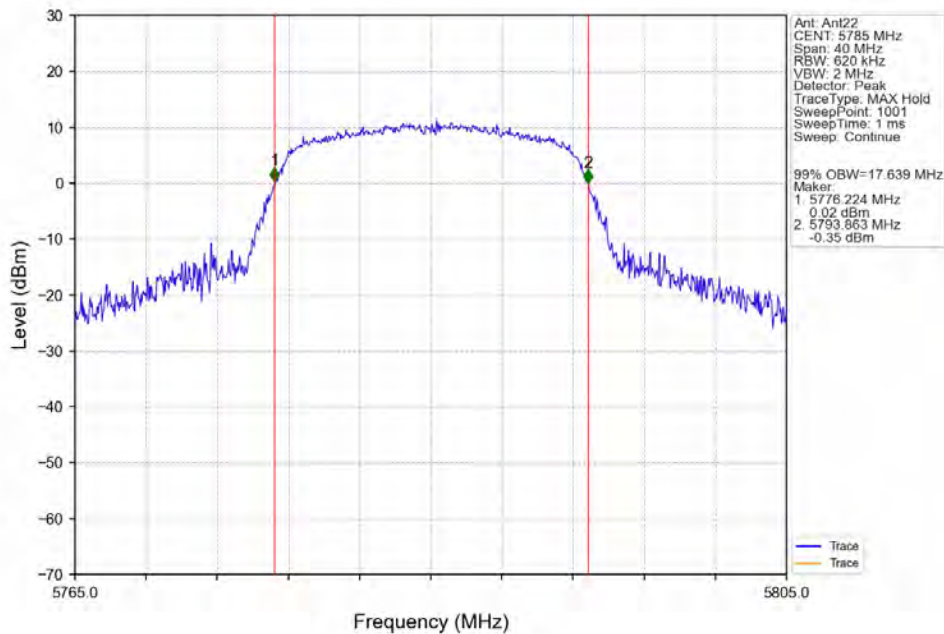
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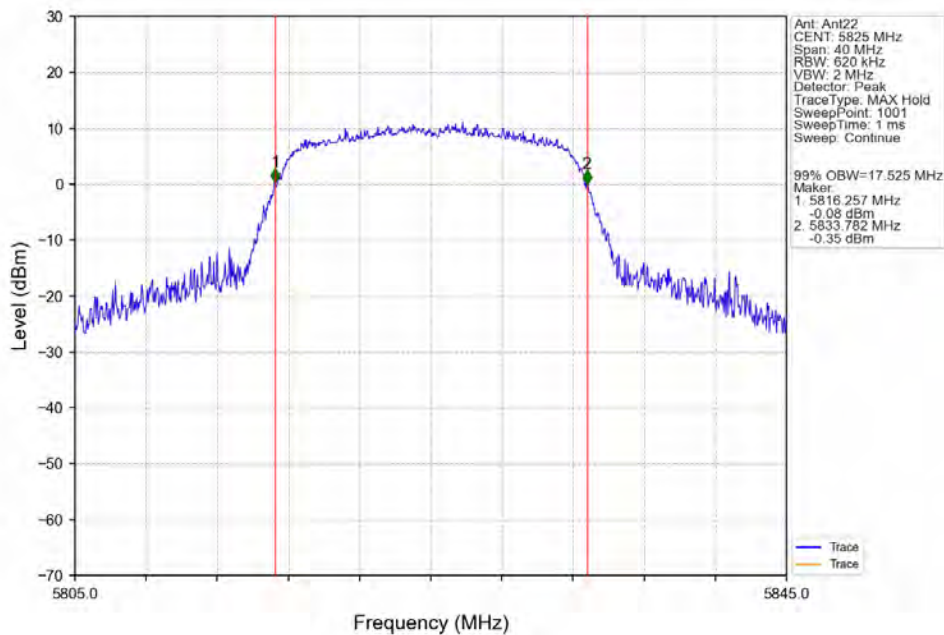
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802.11a_MCH_5785MHz_Ant22_NTNV



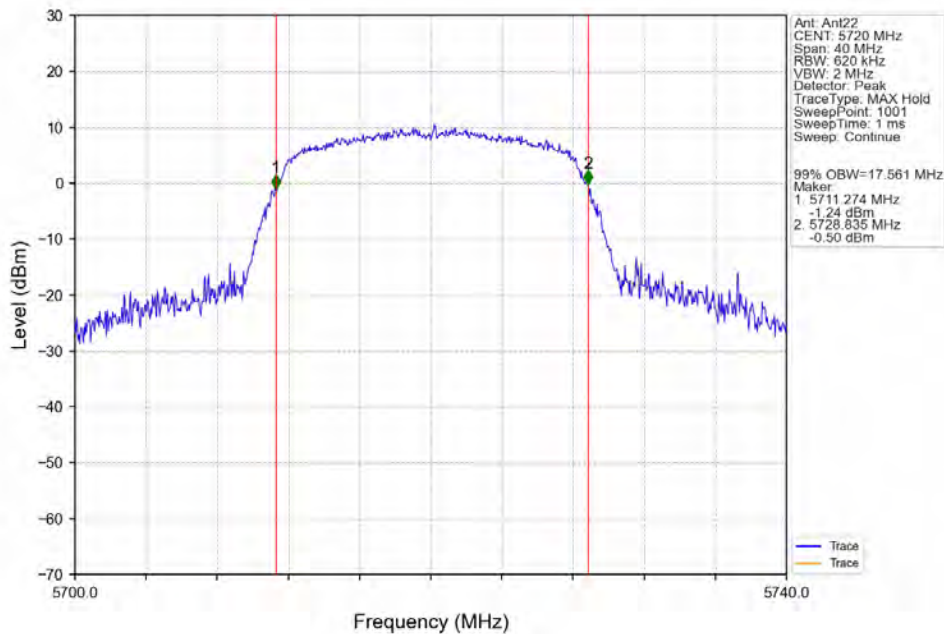
802.11a_HCH_5825MHz_Ant22_NTNV



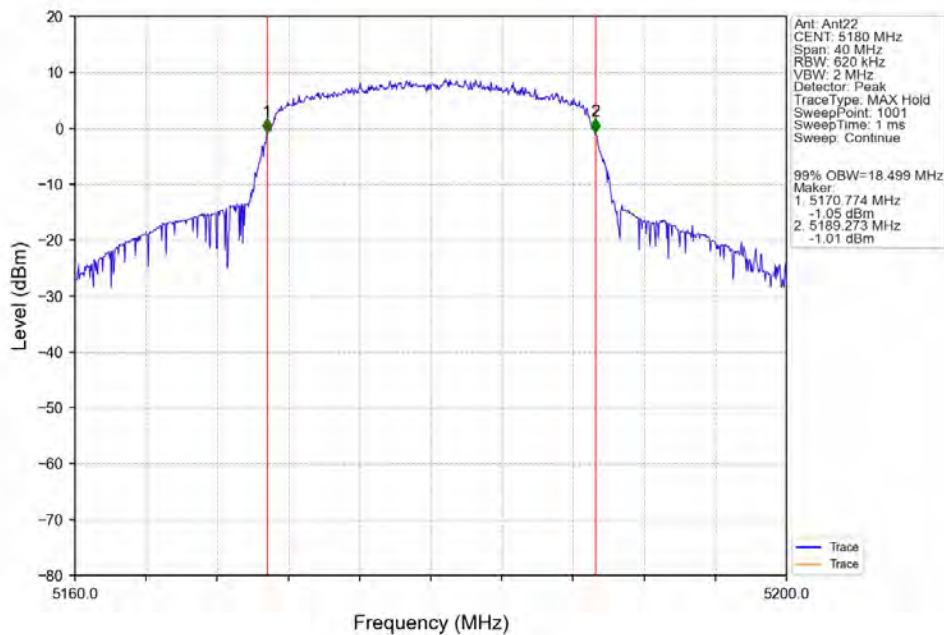
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802.11a_HCH_5720MHz_Ant22_NTNV



802.11n(HT20)_LCH_5180MHz_Ant22_NTNV



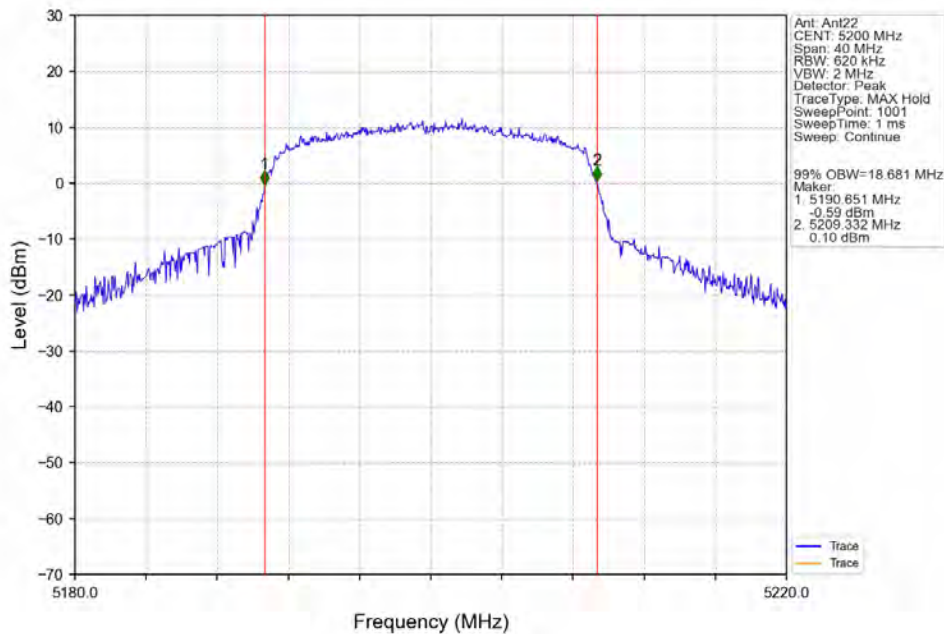
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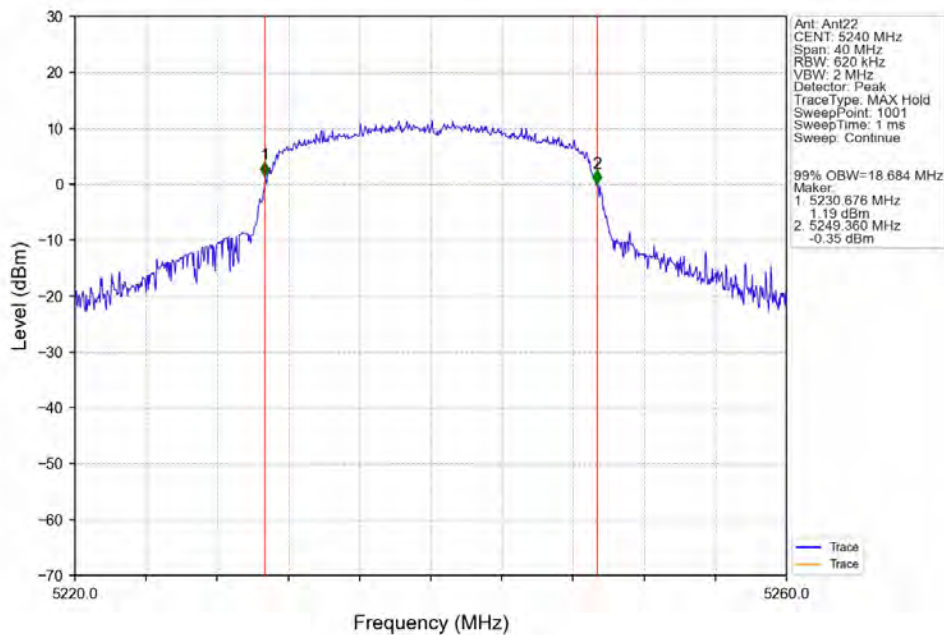
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802.11n(HT20)_MCH_5200MHz_Ant22_NTNV



802.11n(HT20)_HCH_5240MHz_Ant22_NTNV



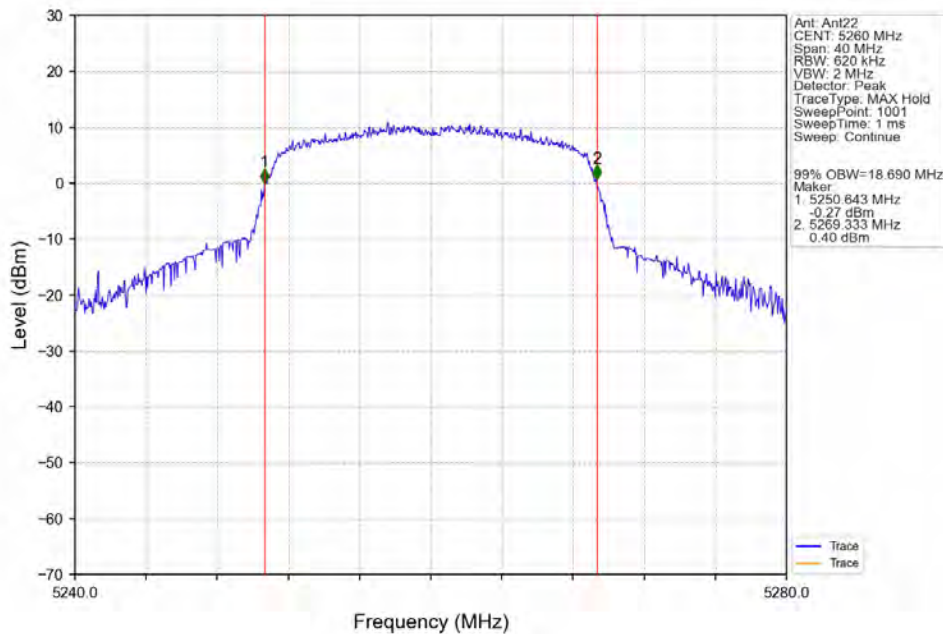
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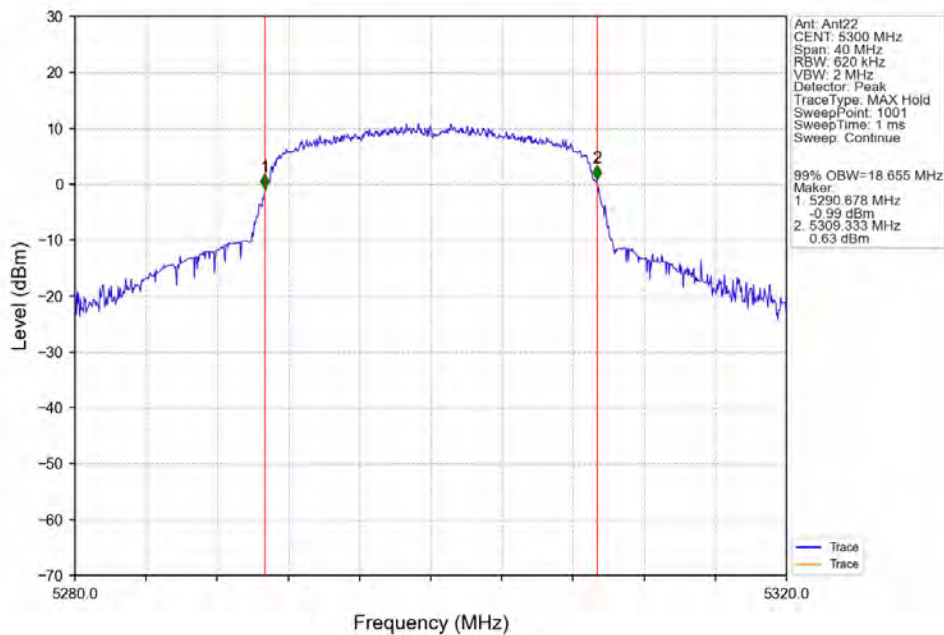
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802.11n(HT20)_LCH_5260MHz_Ant22_NTNV



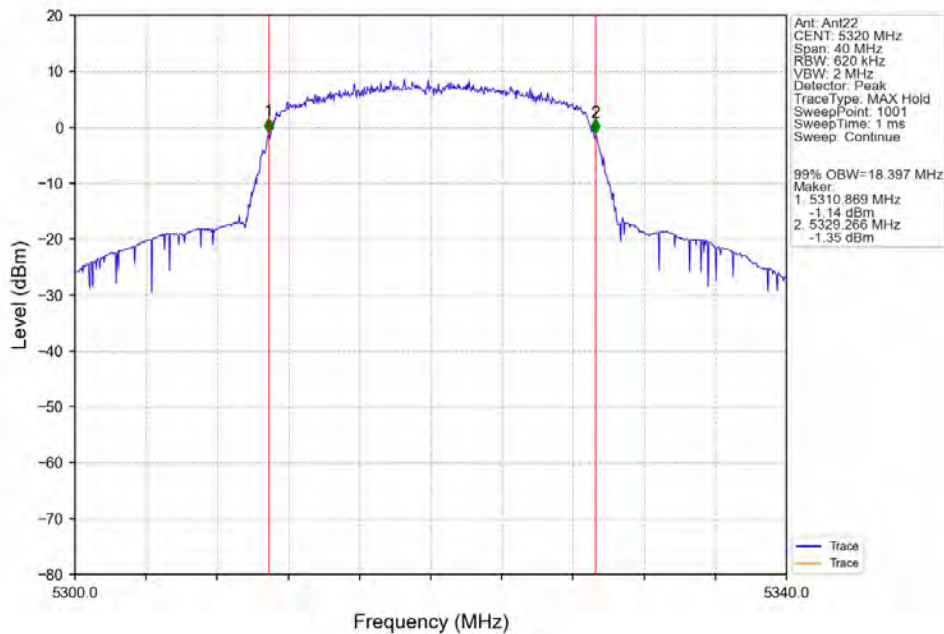
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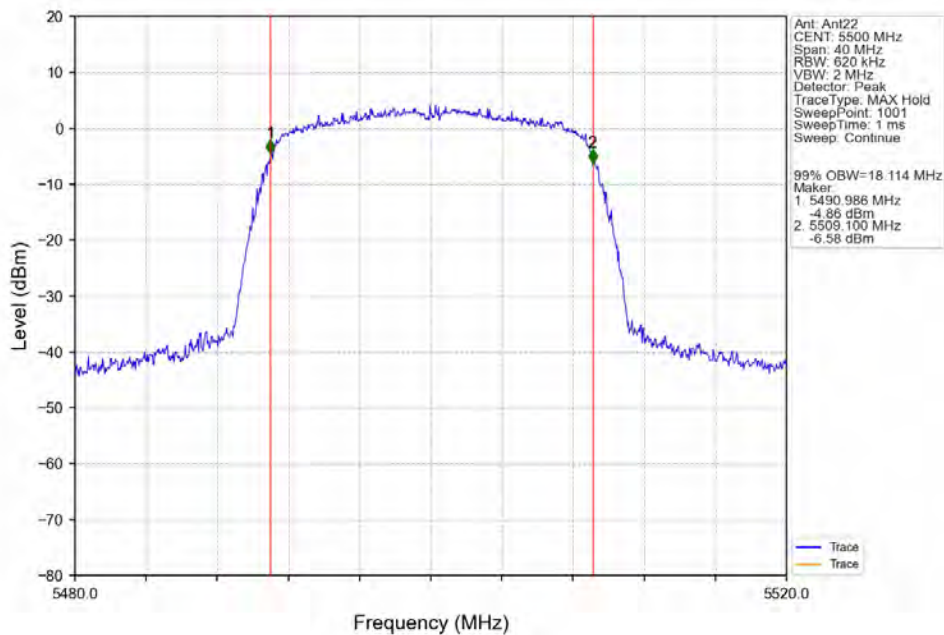
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802.11n(HT20)_HCH_5320MHz_Ant22_NTNV



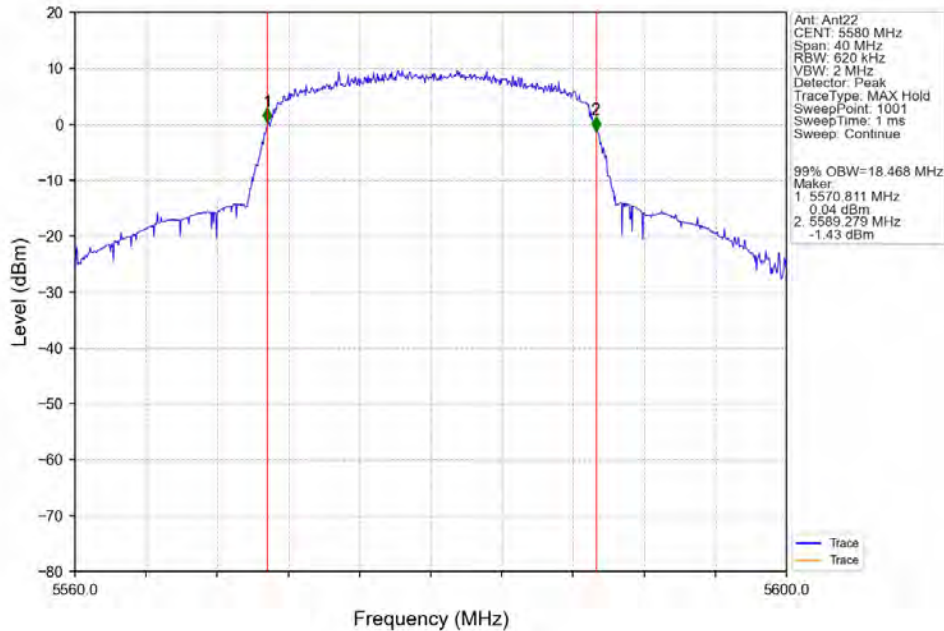
802.11n(HT20)_LCH_5500MHz_Ant22_NTNV



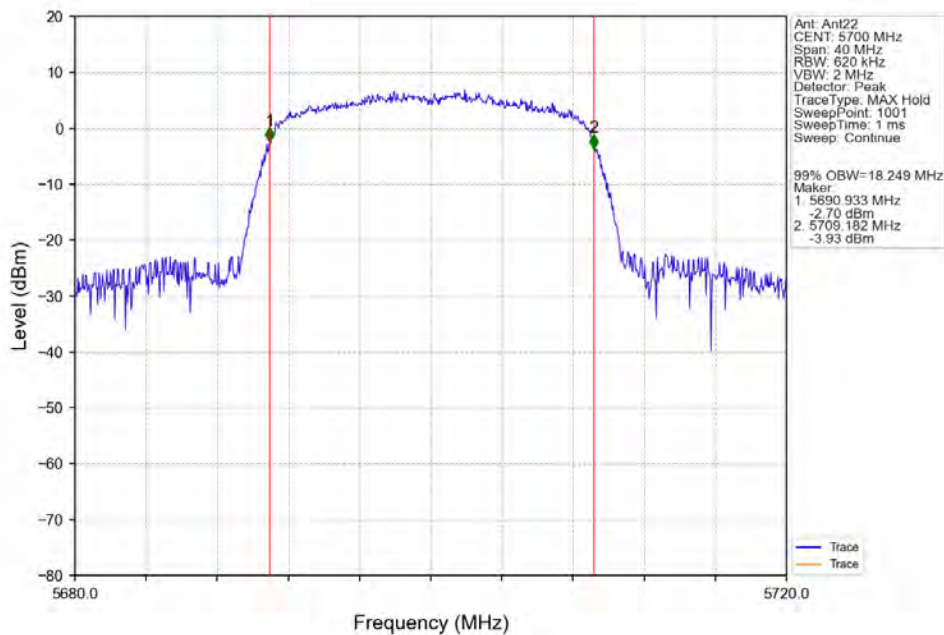
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802.11n(HT20)_MCH_5580MHz_Ant22_NTNV



802.11n(HT20)_HCH_5700MHz_Ant22_NTNV



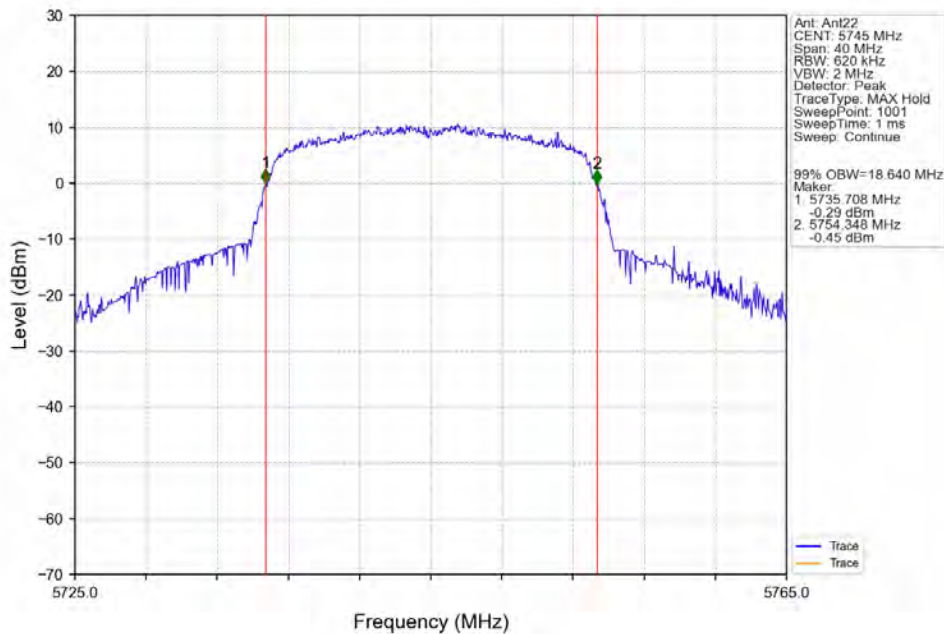
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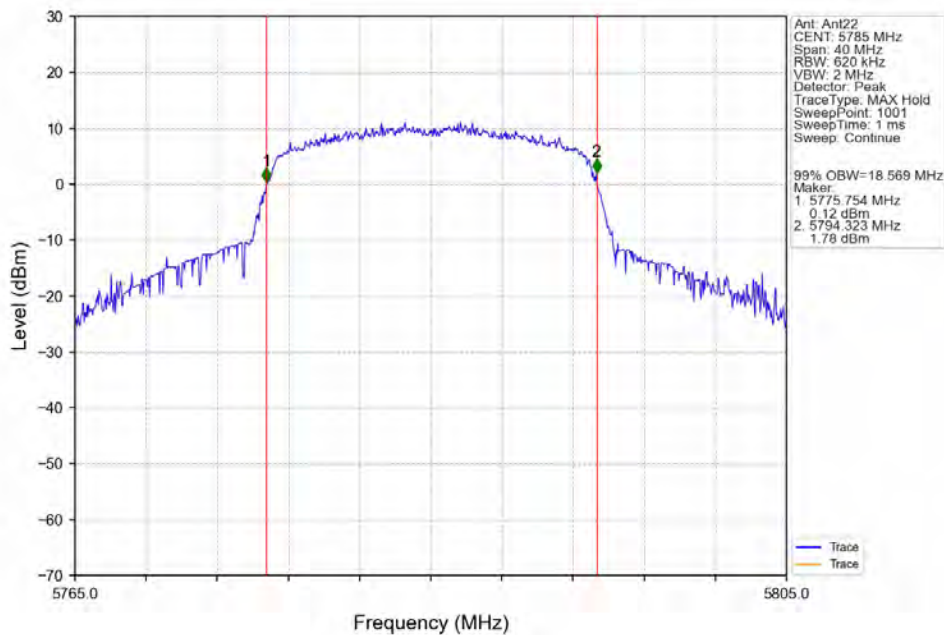
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802.11n(HT20)_LCH_5745MHz_Ant22_NTNV



802.11n(HT20)_MCH_5785MHz_Ant22_NTNV



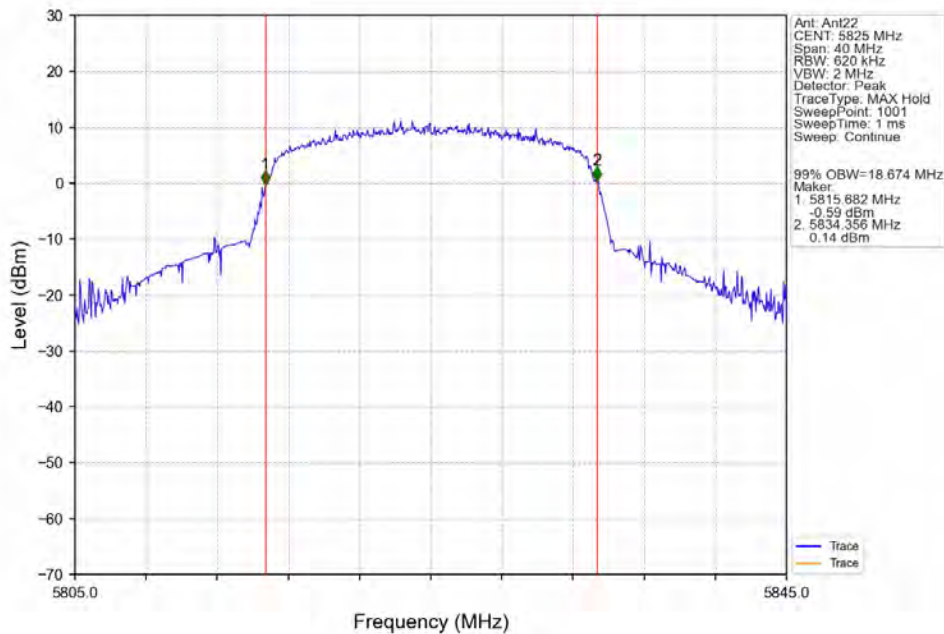
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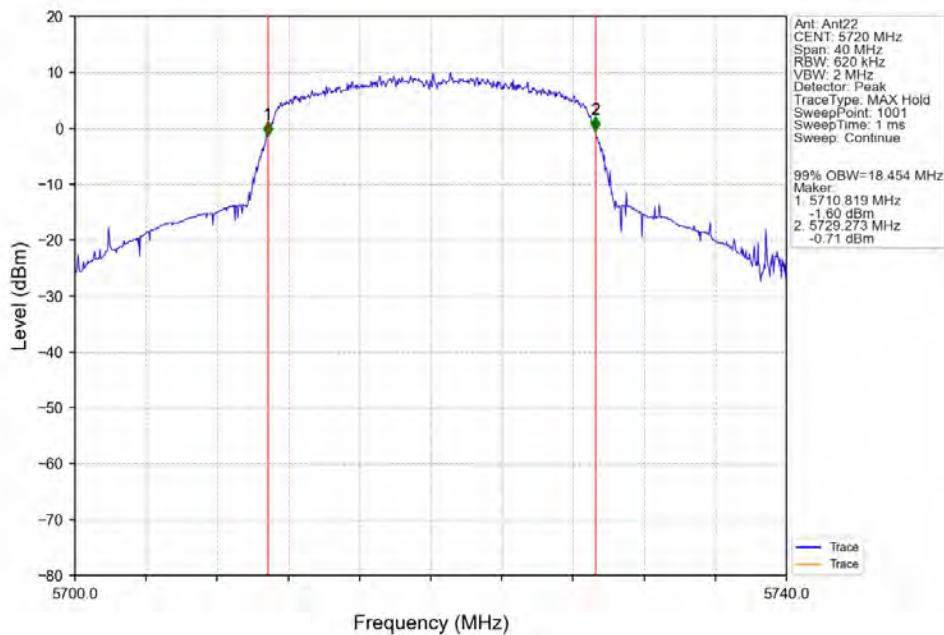
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802.11n(HT20)_HCH_5825MHz_Ant22_NTNV



802.11n(HT20)_HCH_5720MHz_Ant22_NTNV



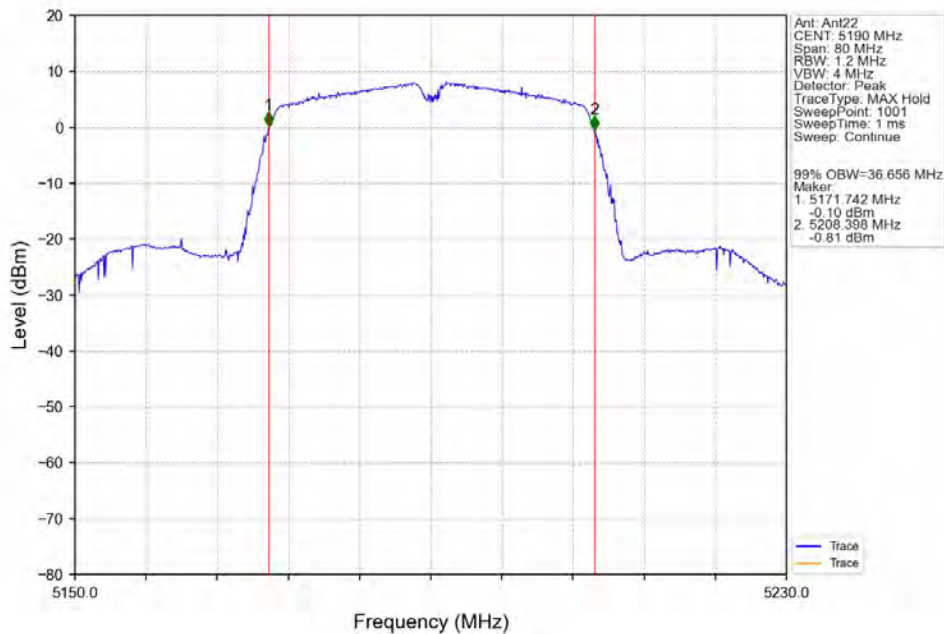
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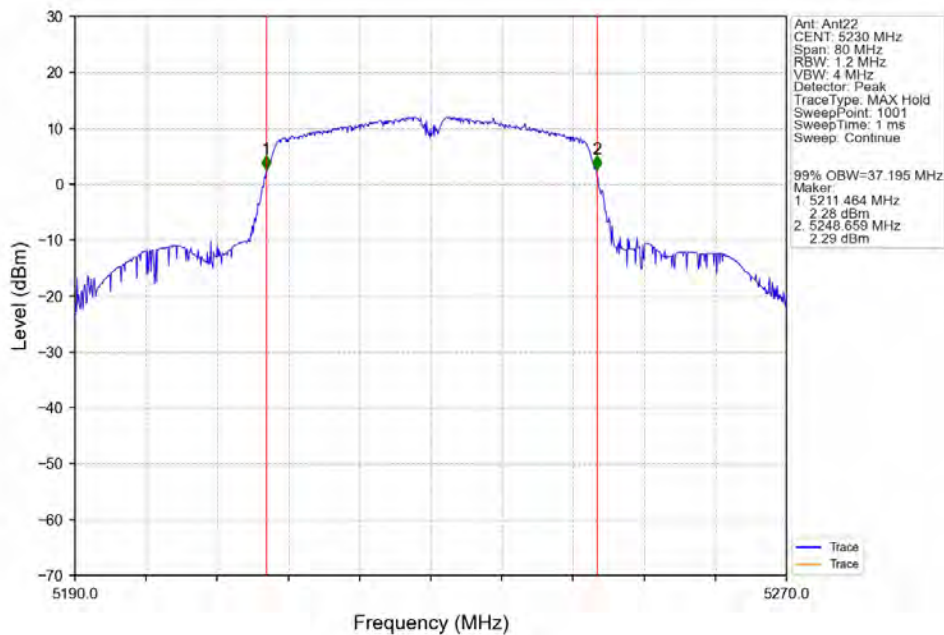
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802.11n(HT40)_LCH_5190MHz_Ant22_NTNV



802.11n(HT40)_HCH_5230MHz_Ant22_NTNV



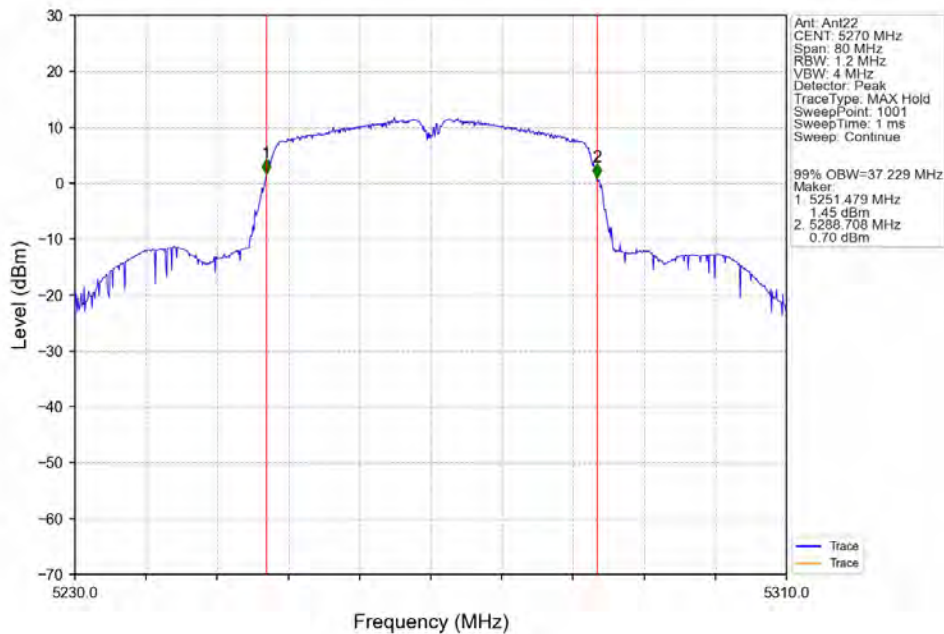
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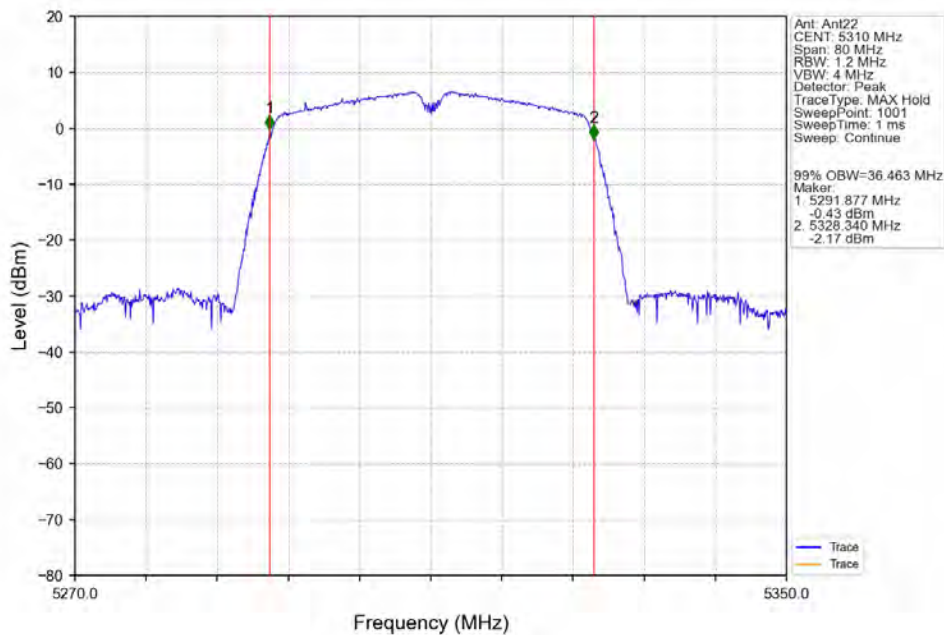
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802.11n(HT40)_LCH_5270MHz_Ant22_NTNV



802.11n(HT40)_HCH_5310MHz_Ant22_NTNV



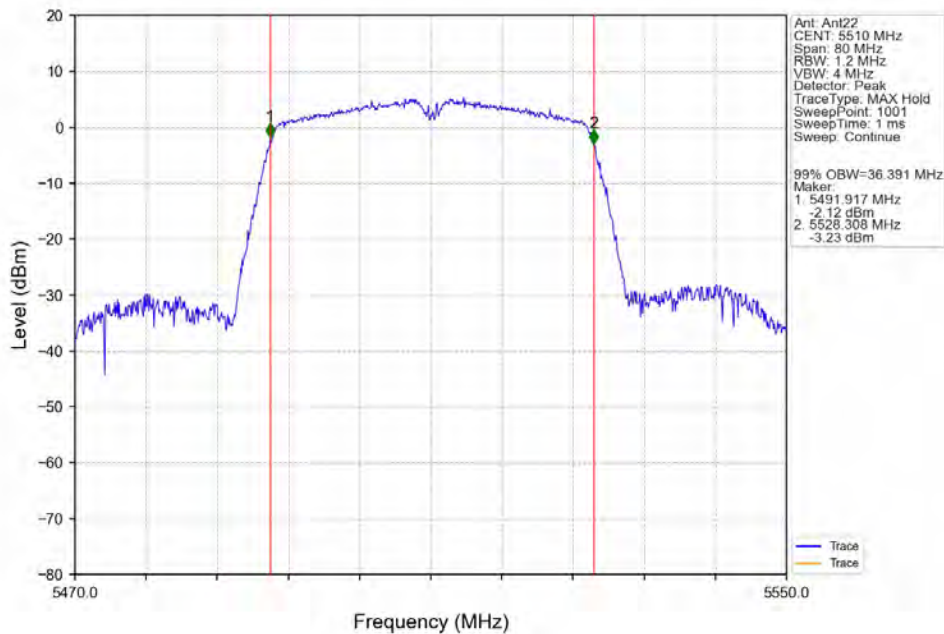
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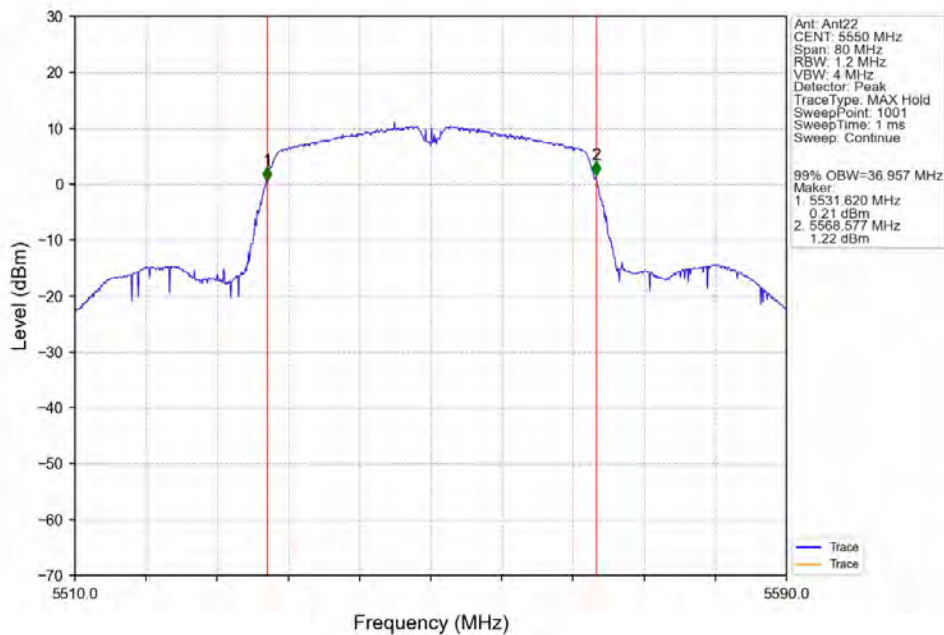
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802.11n(HT40)_LCH_5510MHz_Ant22_NTNV



802.11n(HT40)_MCH_5550MHz_Ant22_NTNV



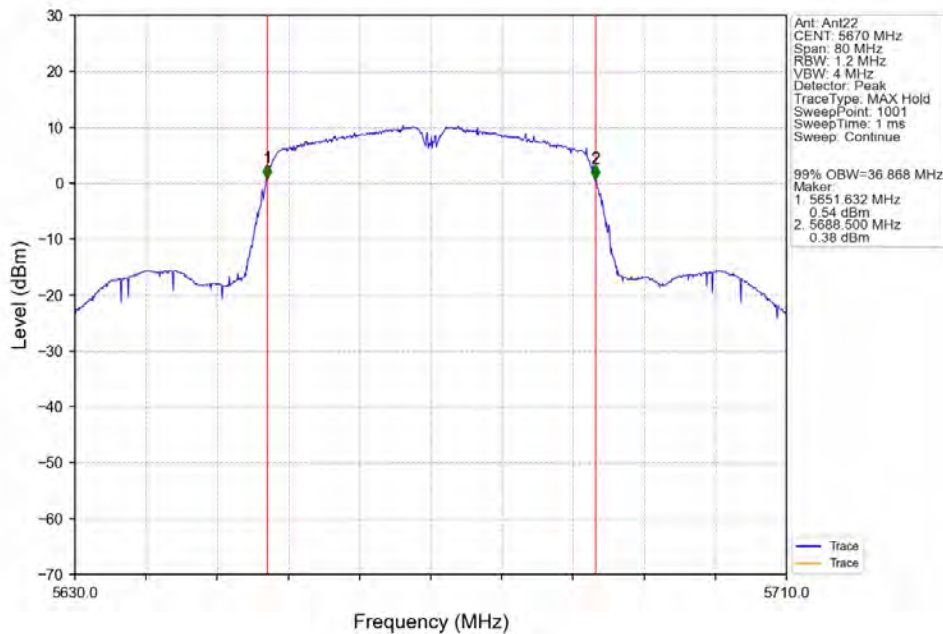
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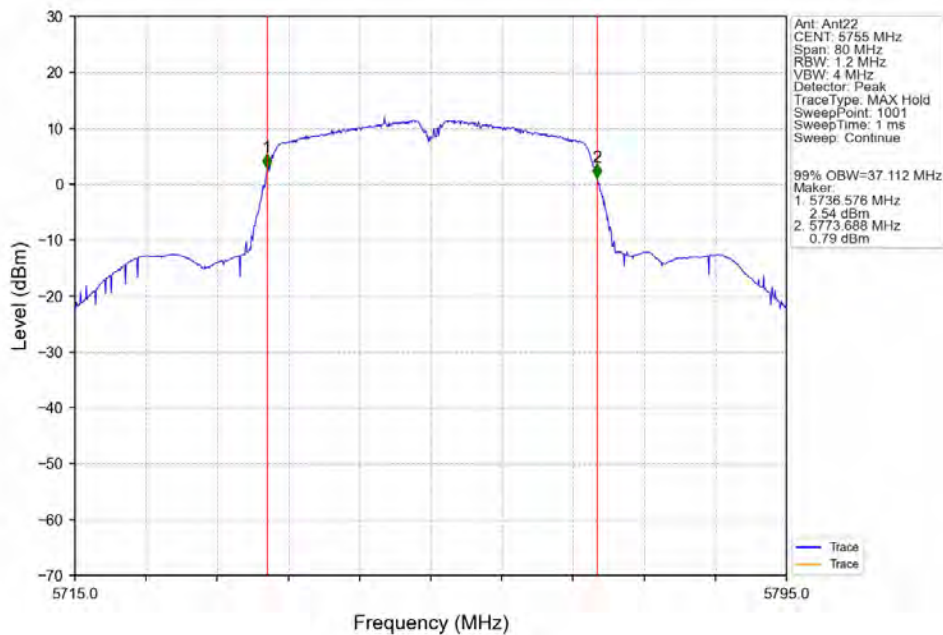
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802.11n(HT40)_HCH_5670MHz_Ant22_NTNV



802.11n(HT40)_LCH_5755MHz_Ant22_NTNV



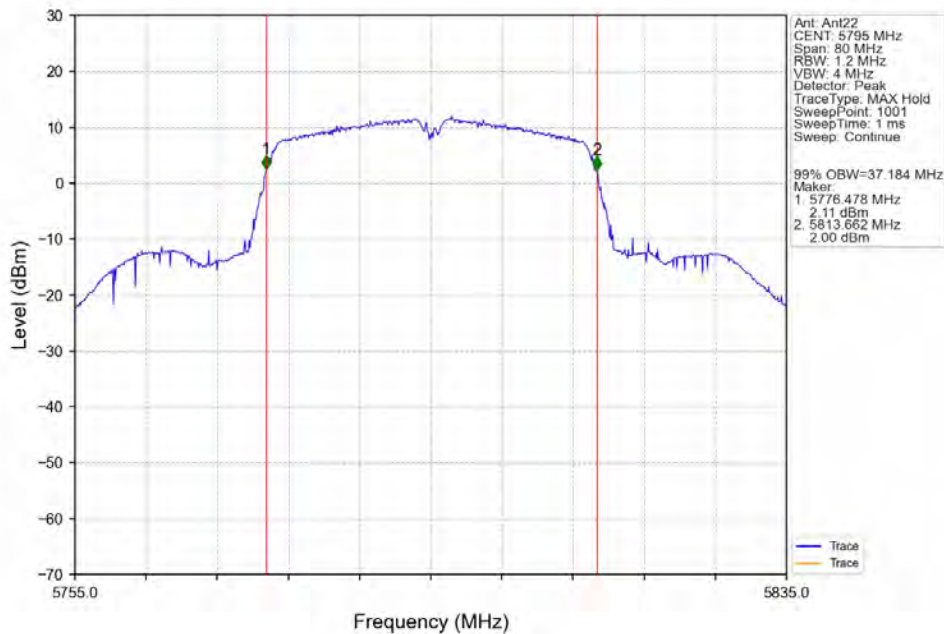
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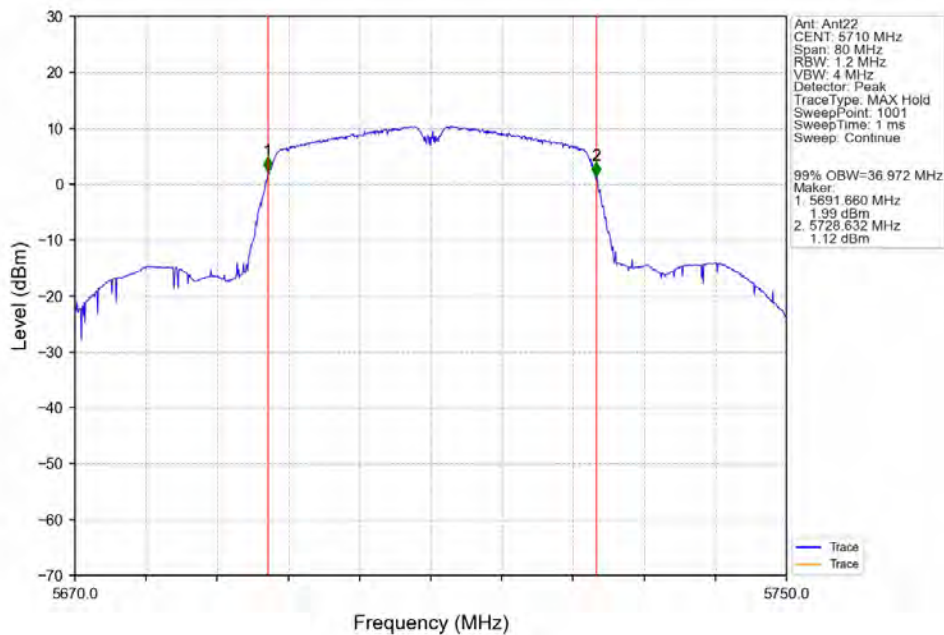
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802.11n(HT40)_HCH_5795MHz_Ant22_NTNV



802.11n(HT40)_HCH_5710MHz_Ant22_NTNV



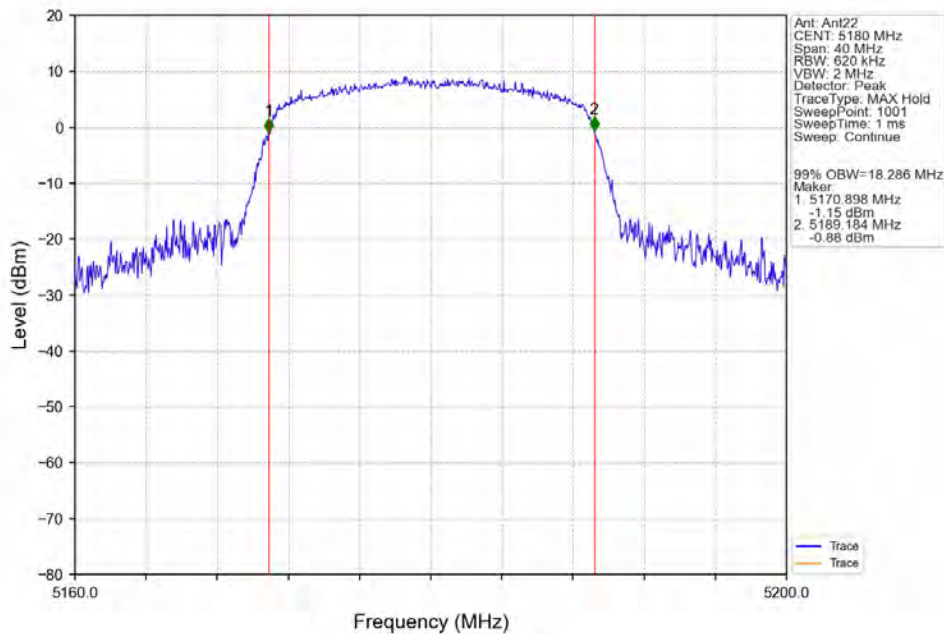
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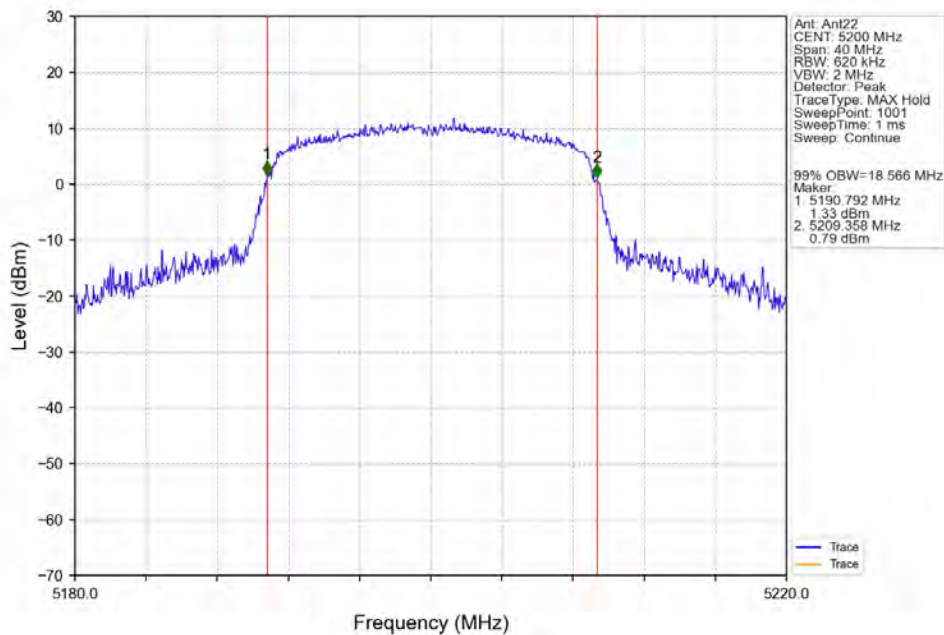
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802.11ac(VHT20)_LCH_5180MHz_Ant22_NTNV



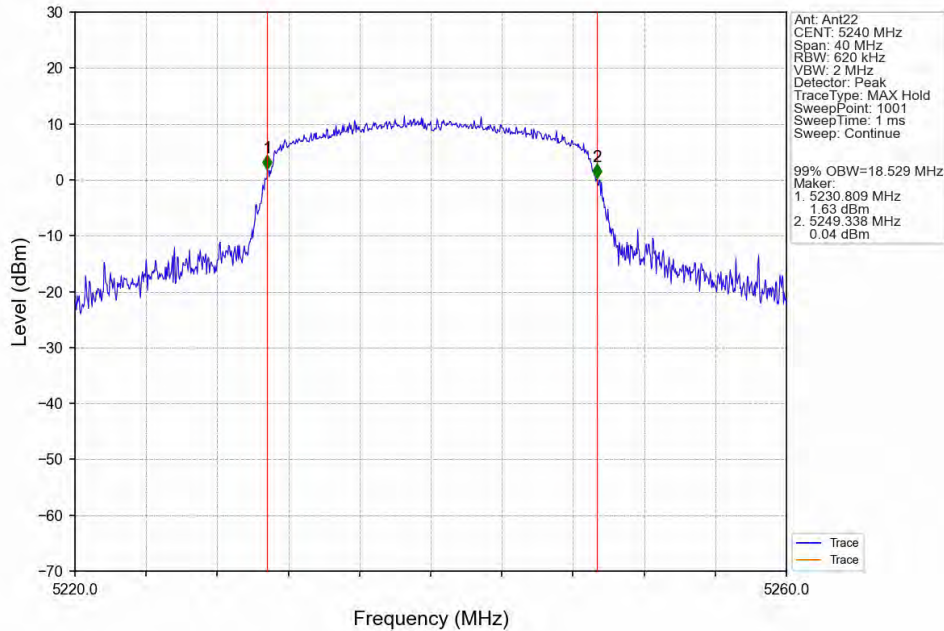
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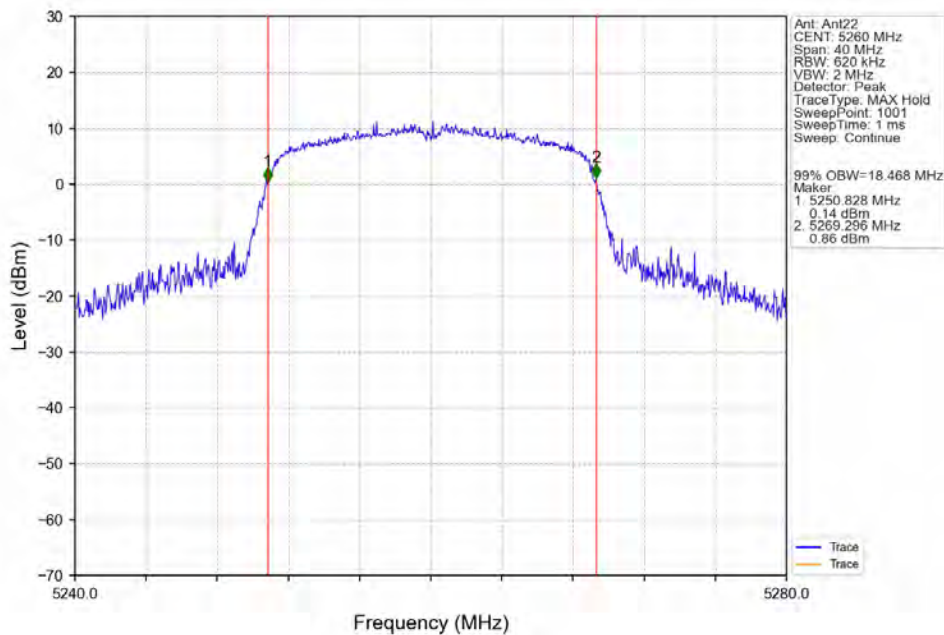
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802.11ac(VHT20)_HCH_5240MHz_Ant22_NTNV



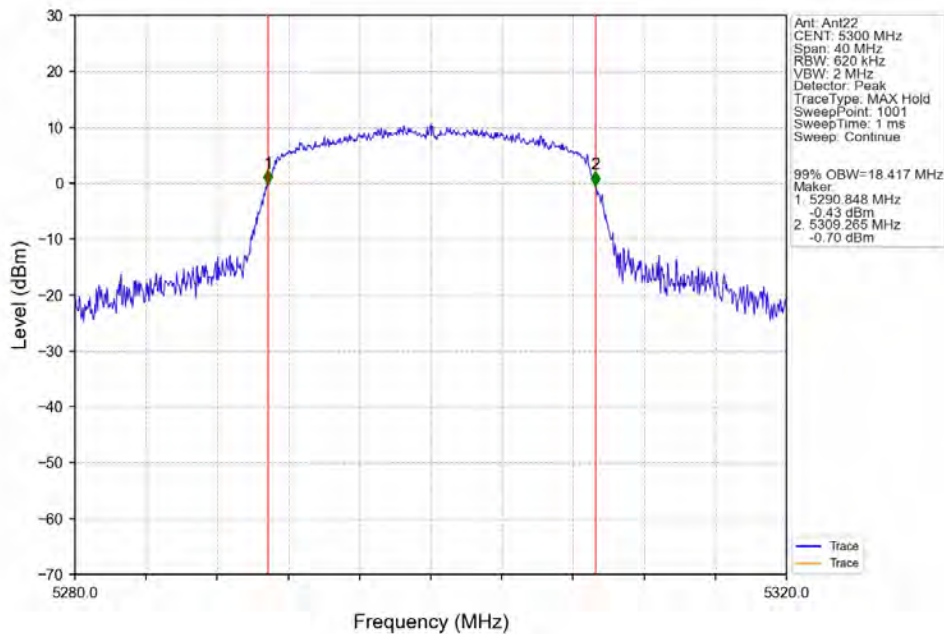
802.11ac(VHT20)_LCH_5260MHz_Ant22_NTNV



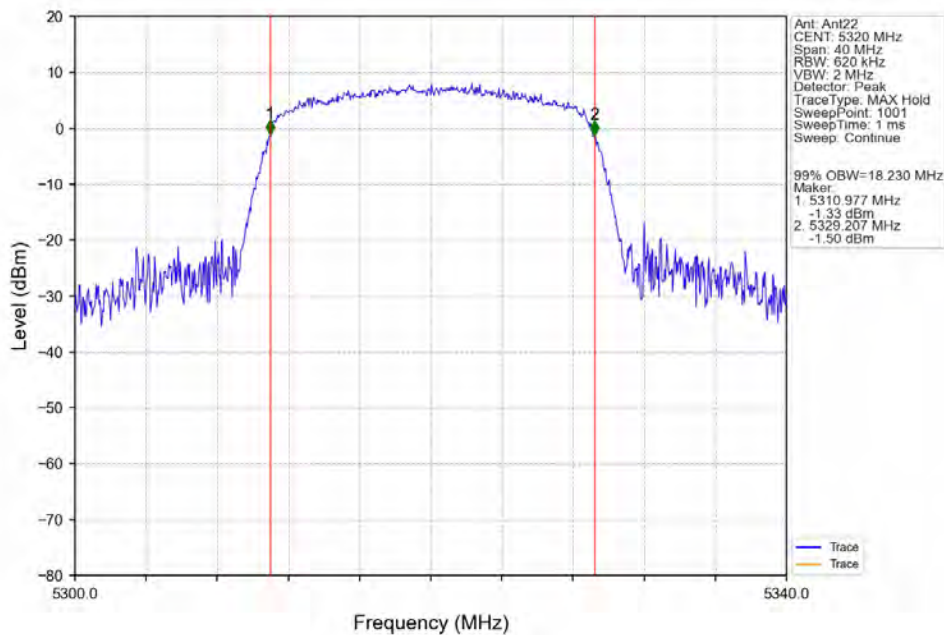
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802.11ac(VHT20)_MCH_5300MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant22_NTNV



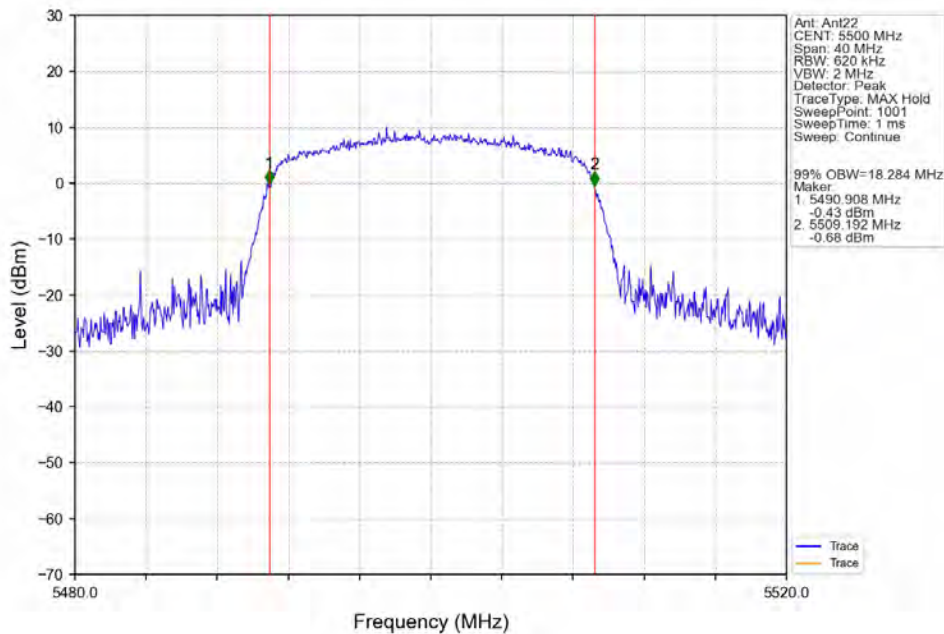
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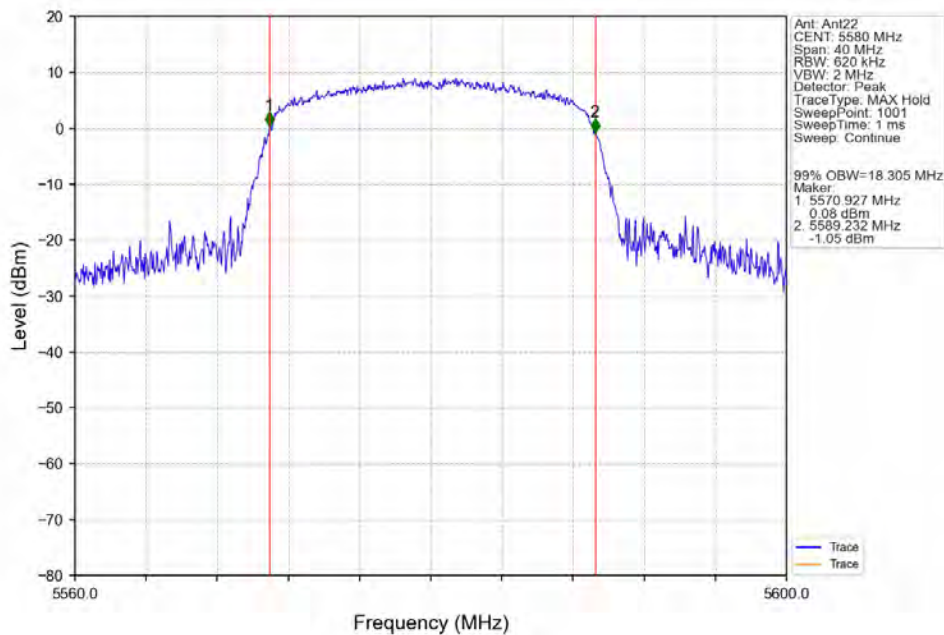
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802.11ac(VHT20)_LCH_5500MHz_Ant22_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant22_NTNV



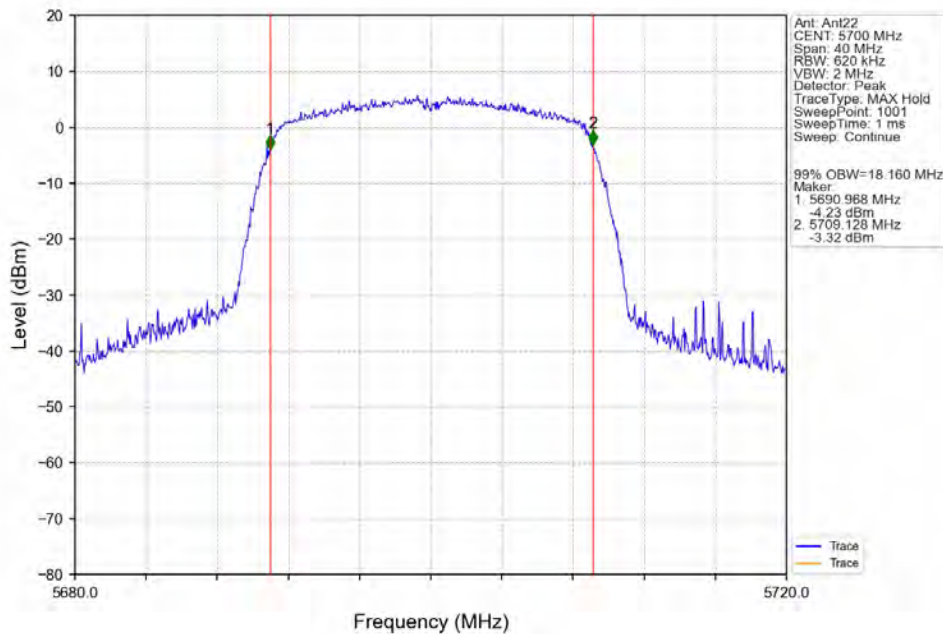
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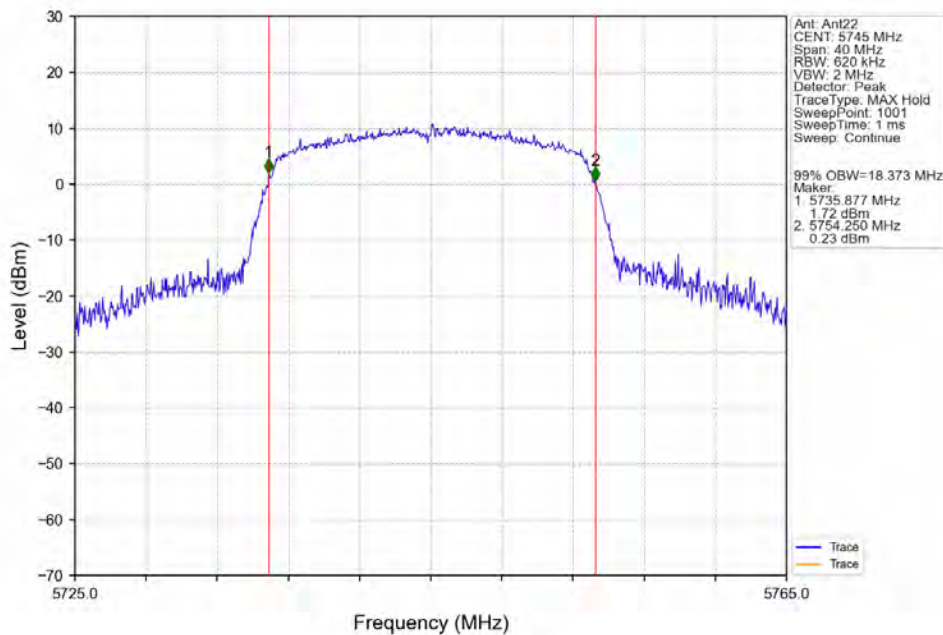
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802.11ac(VHT20)_HCH_5700MHz_Ant22_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant22_NTNV



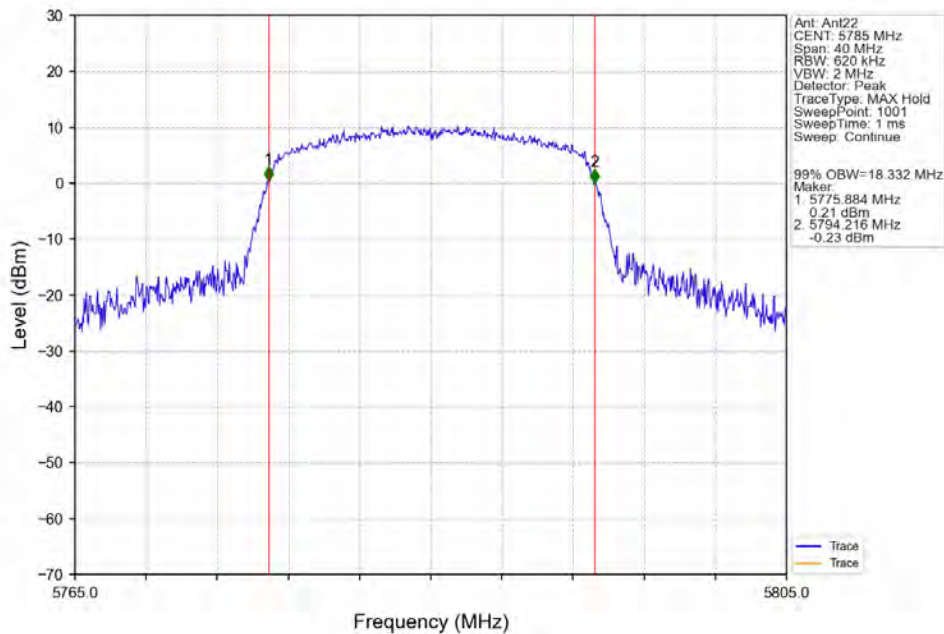
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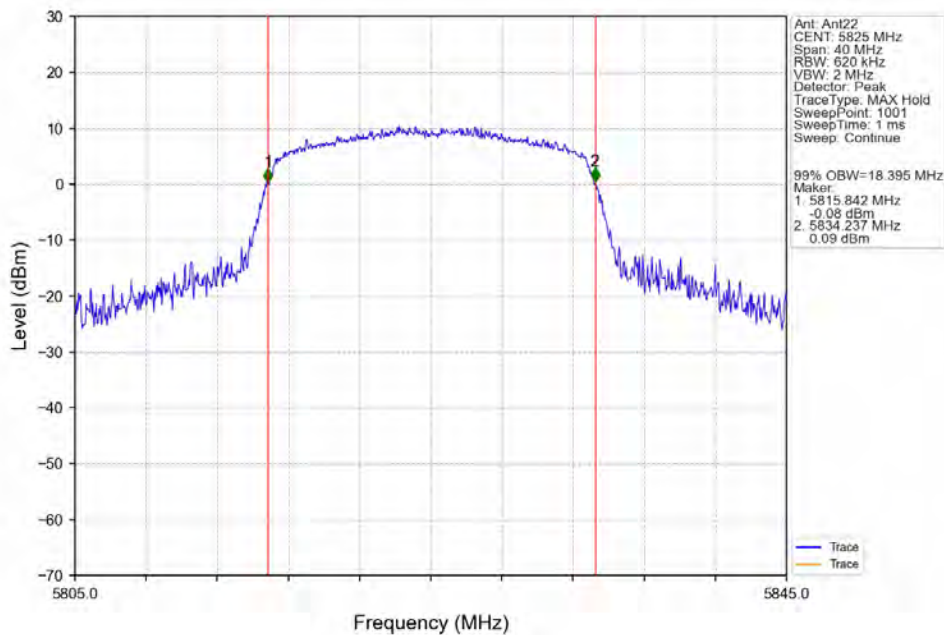
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802.11ac(VHT20)_MCH_5785MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant22_NTNV



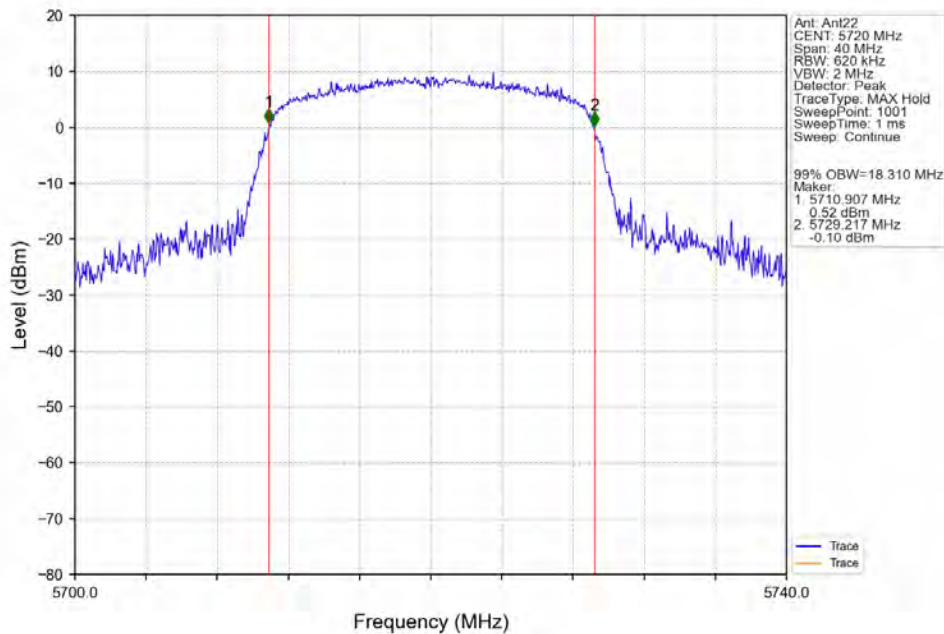
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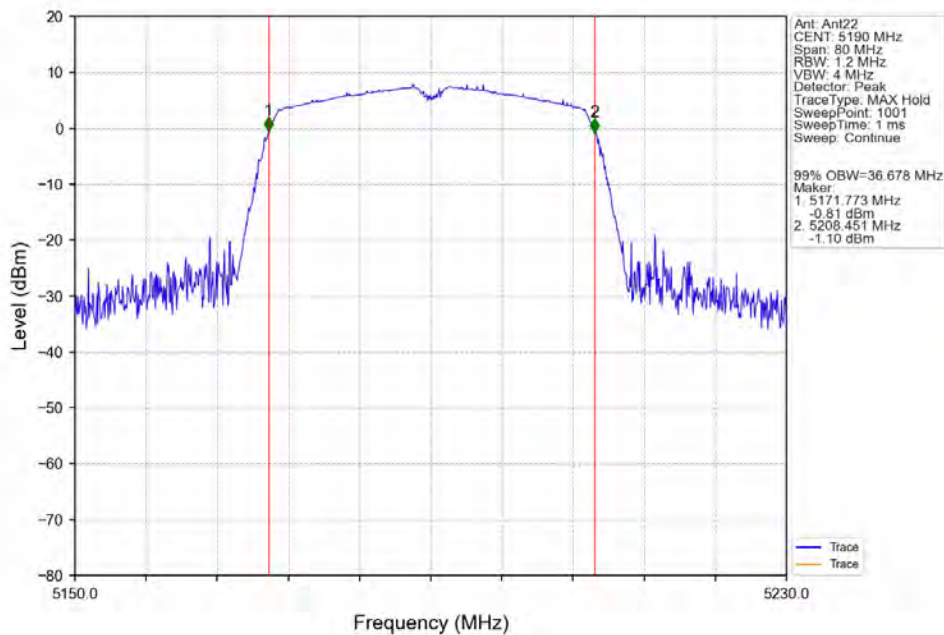
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802.11ac(VHT20)_HCH_5720MHz_Ant22_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant22_NTNV



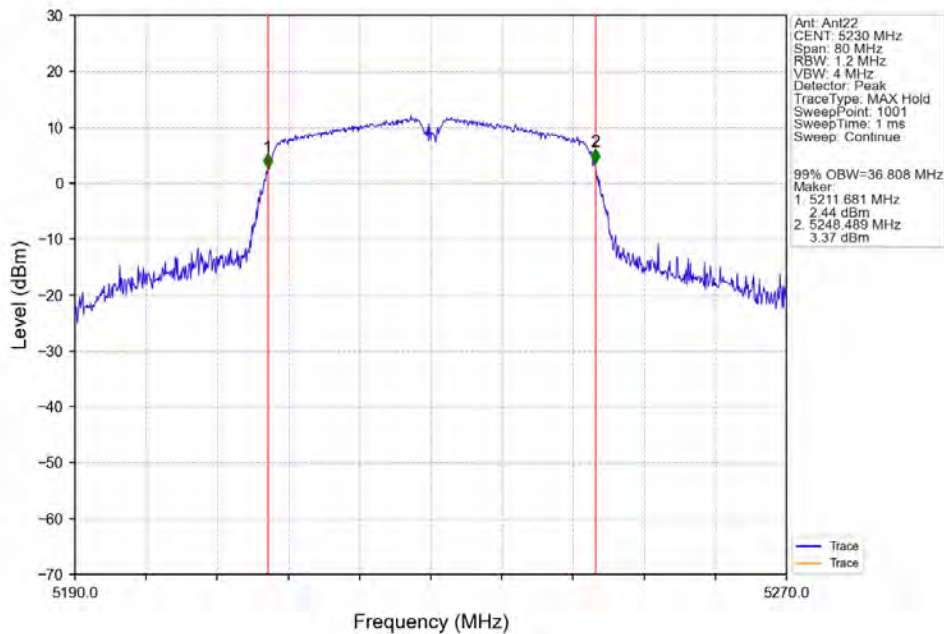
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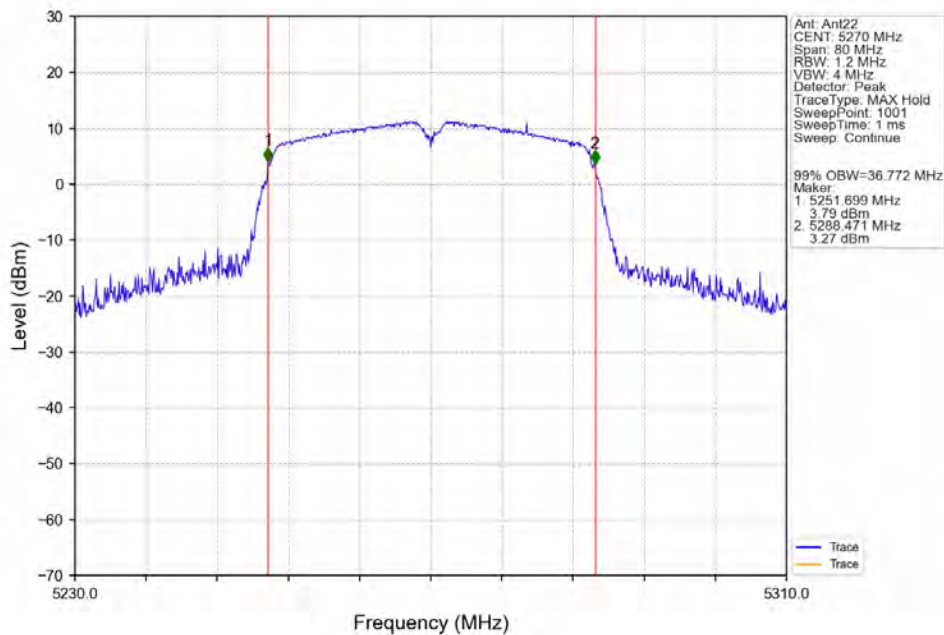
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802.11ac(VHT40)_HCH_5230MHz_Ant22_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant22_NTNV



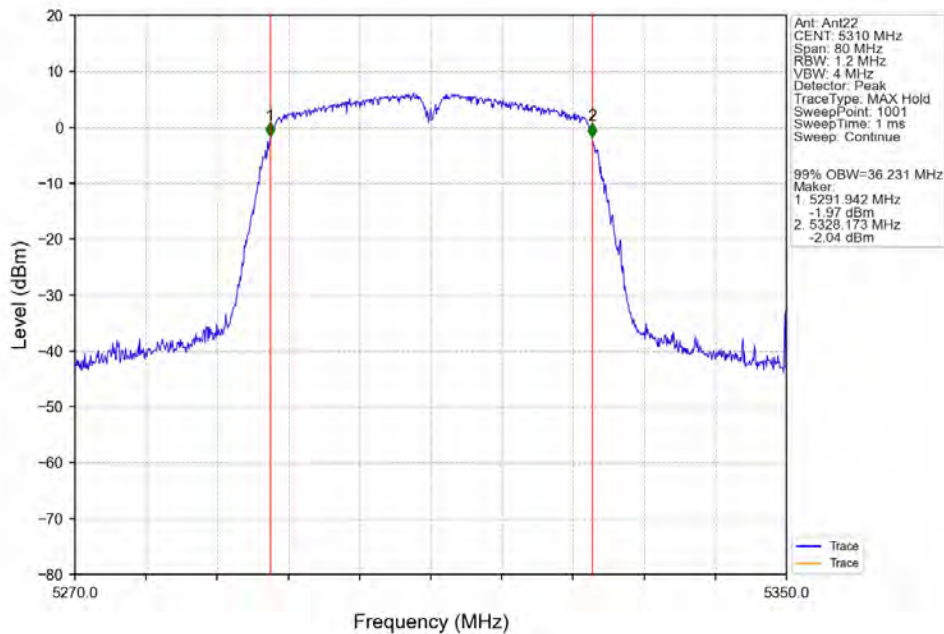
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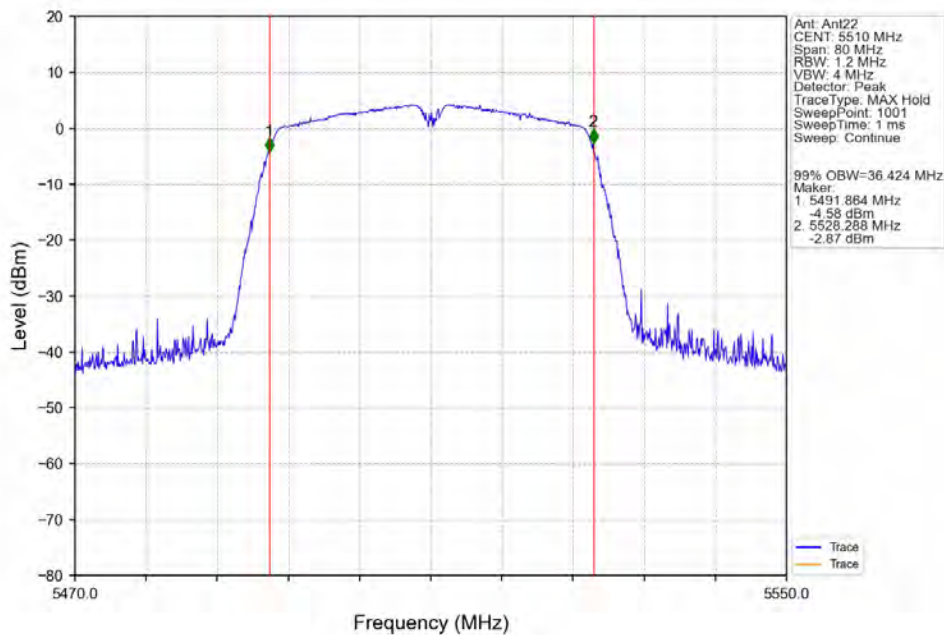
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802.11ac(VHT40)_HCH_5310MHz_Ant22_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant22_NTNV



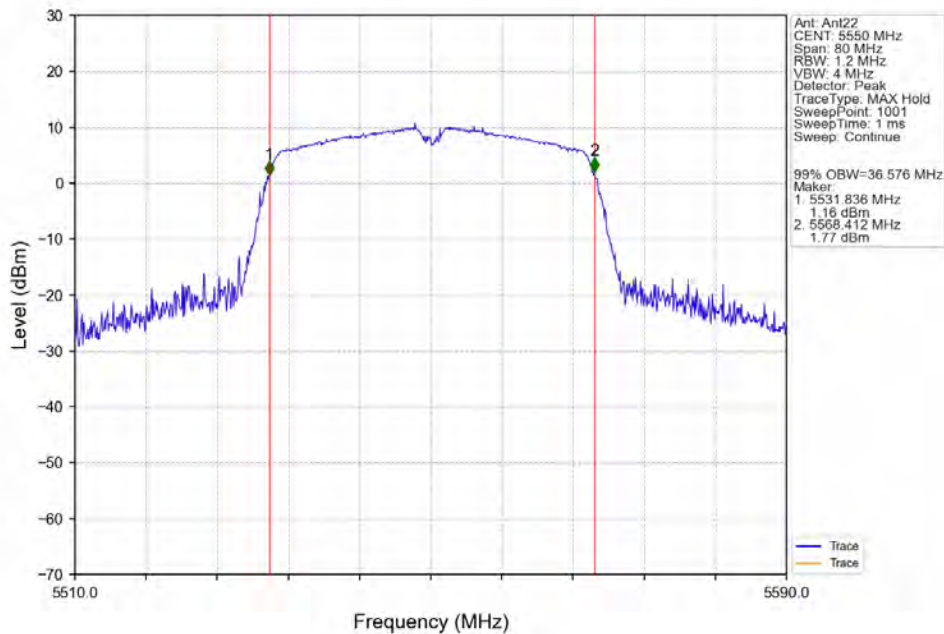
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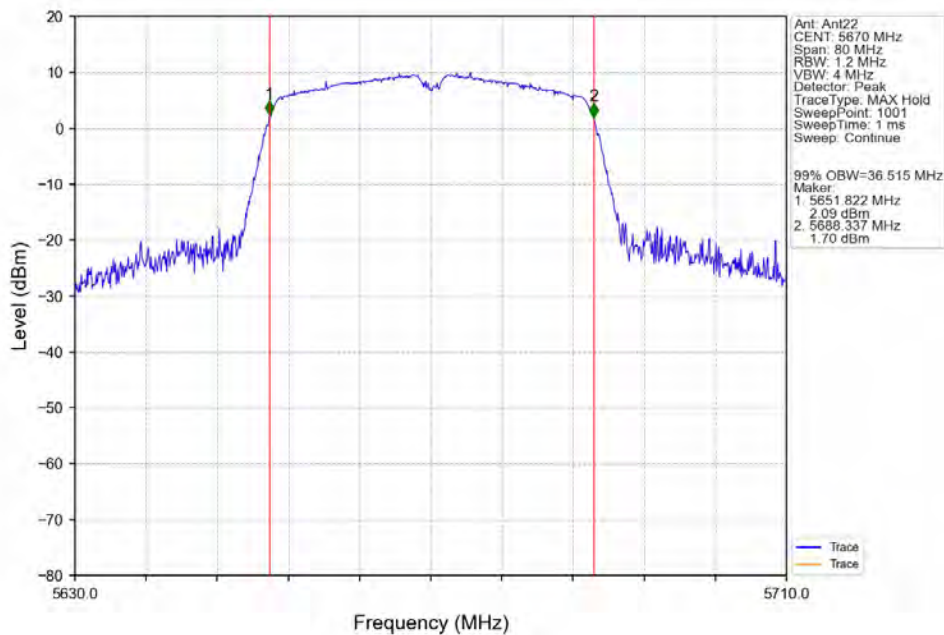
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802.11ac(VHT40)_MCH_5550MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant22_NTNV



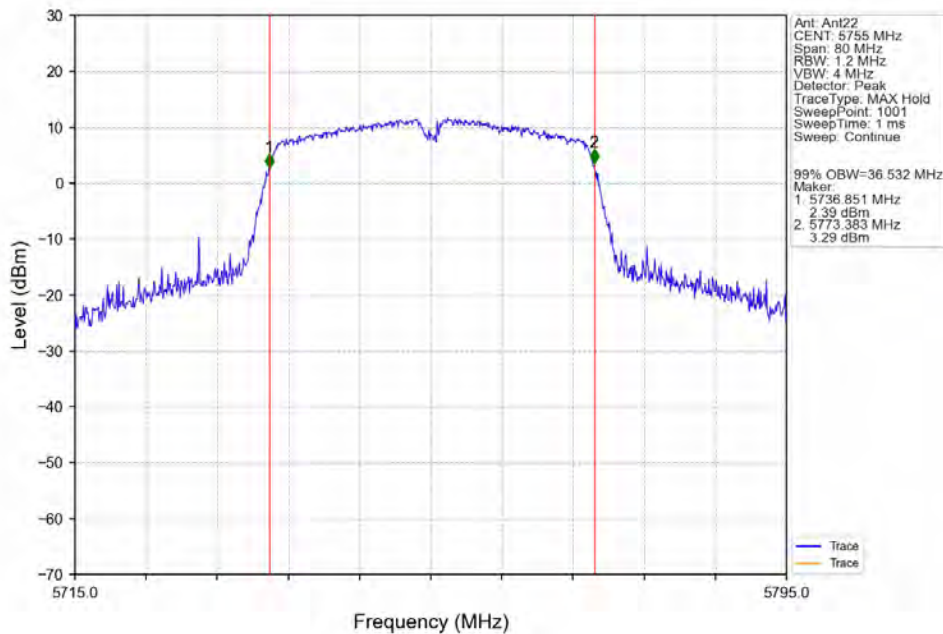
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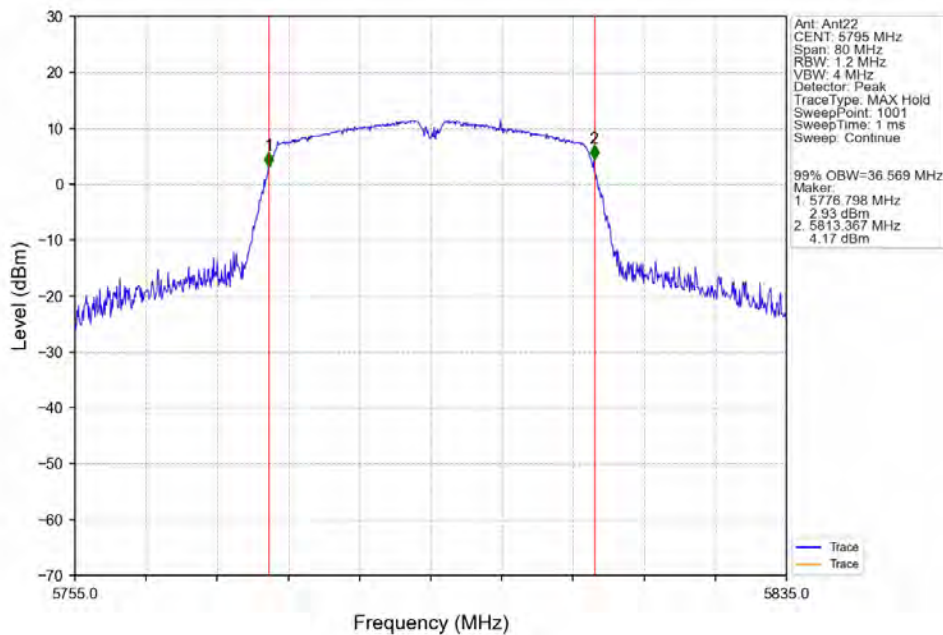
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802.11ac(VHT40)_LCH_5755MHz_Ant22_NTNV



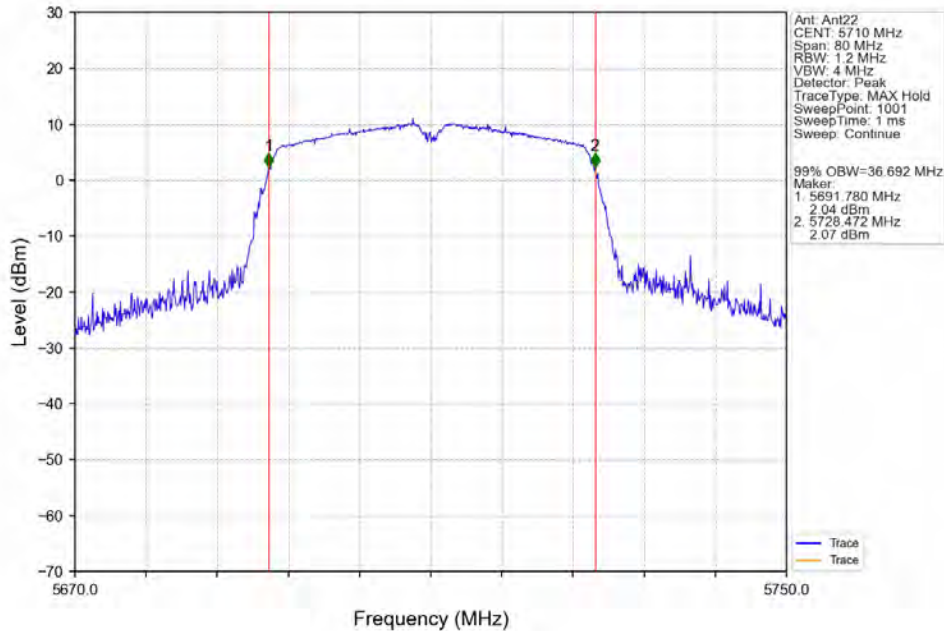
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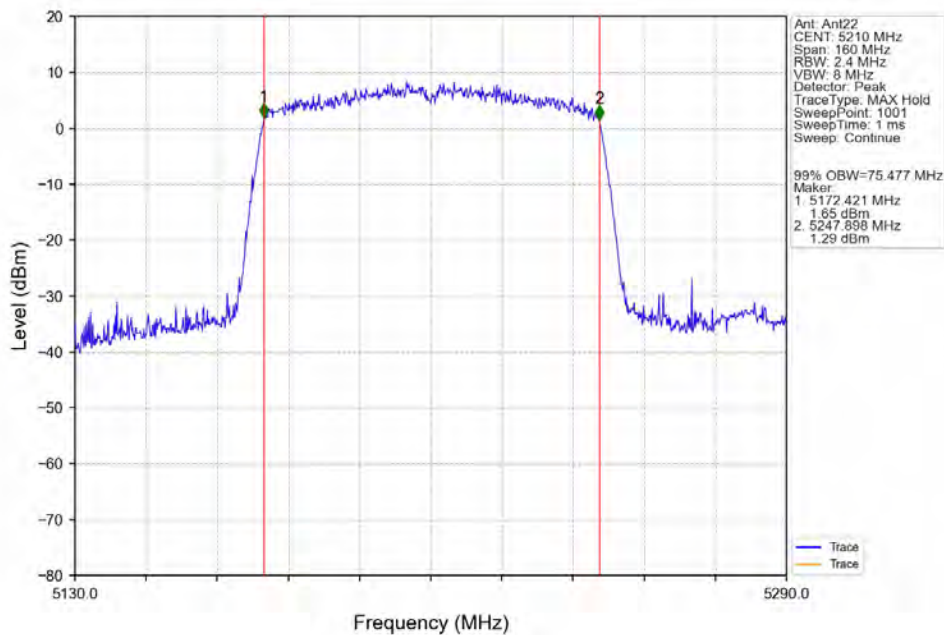
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802.11ac(VHT40)_HCH_5710MHz_Ant22_NTNV



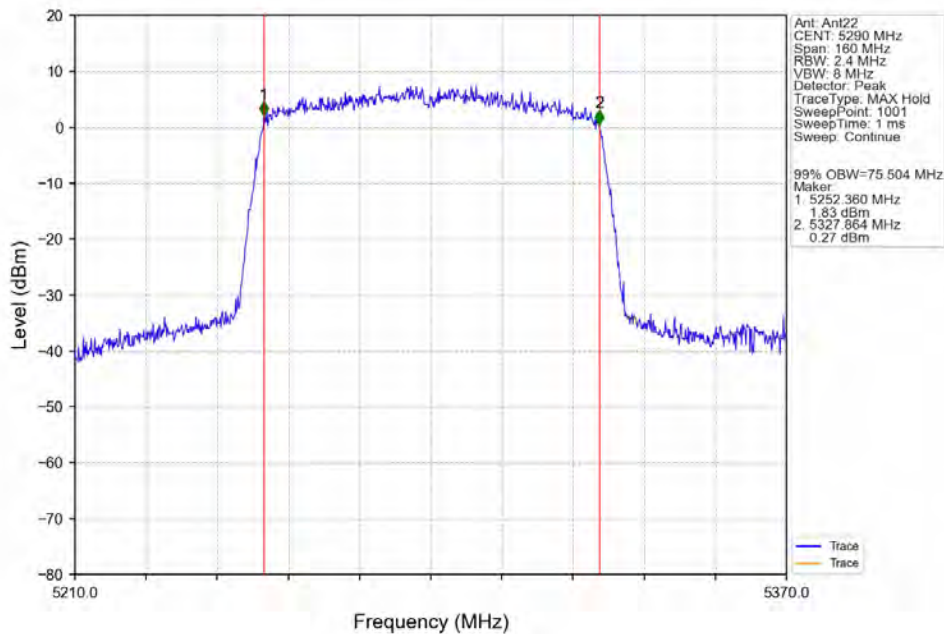
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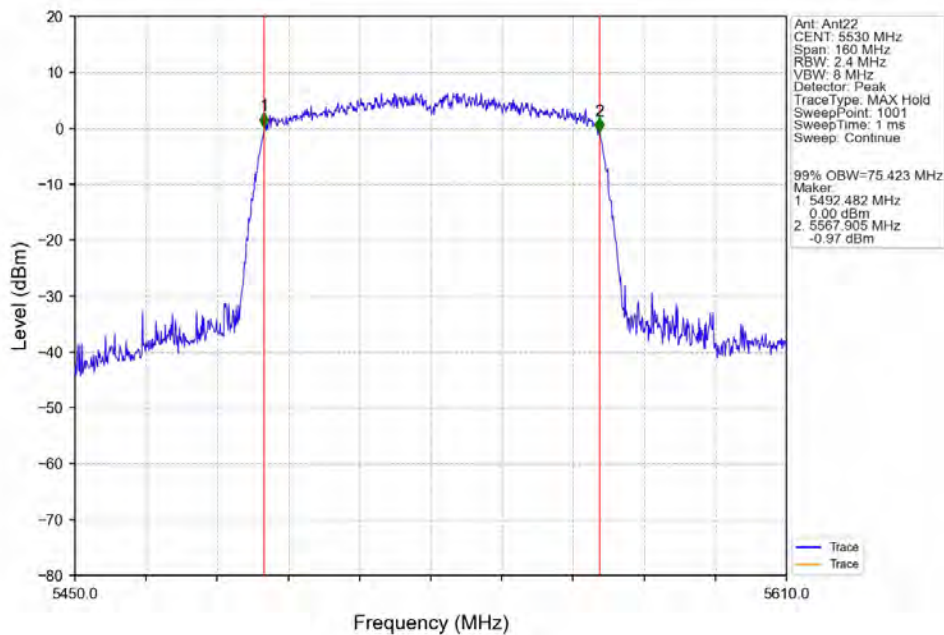
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802.11ac(VHT80)_MCH_5290MHz_Ant22_NTNV



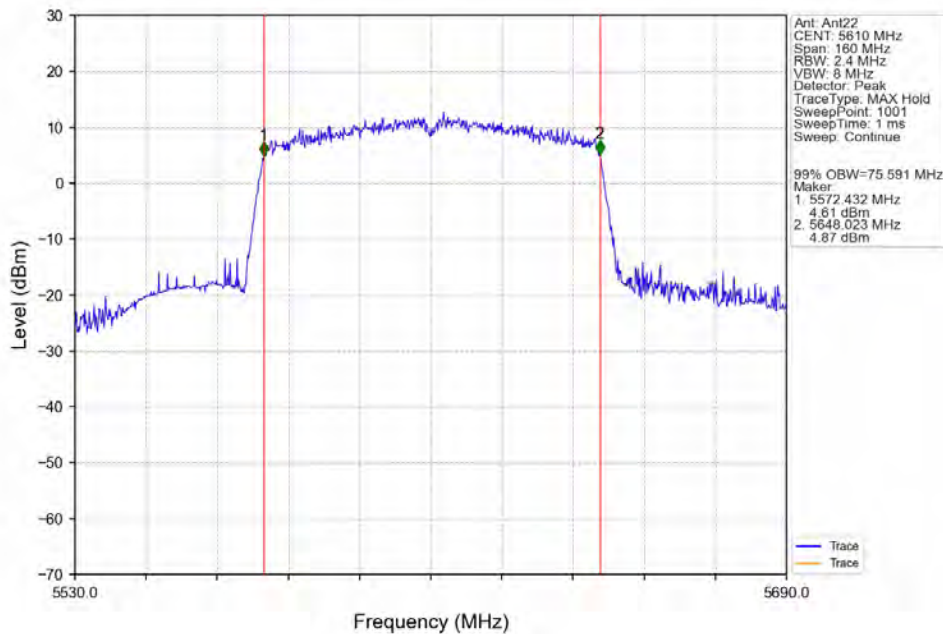
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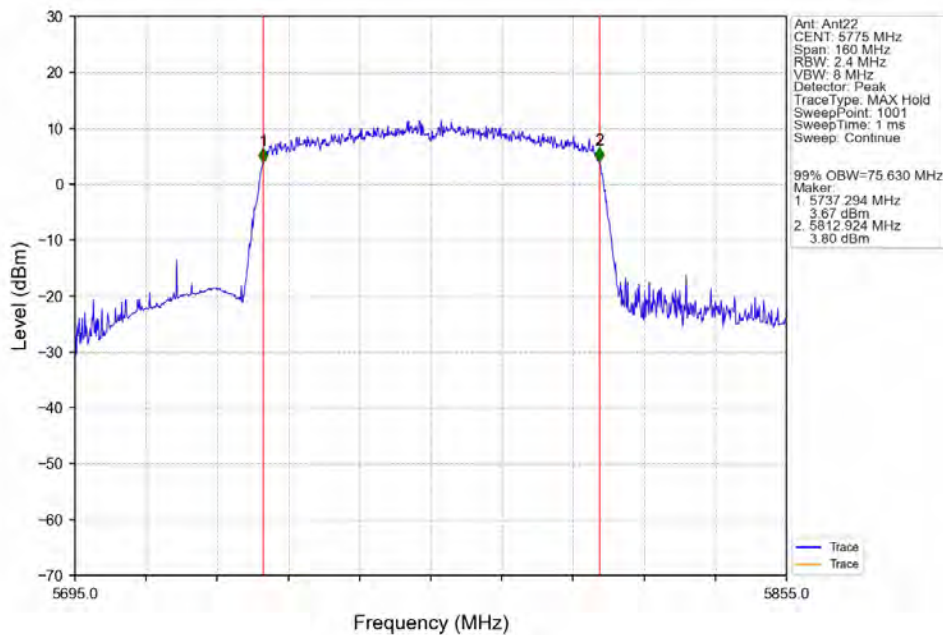
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802.11ac(VHT80)_HCH_5610MHz_Ant22_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant22_NTNV



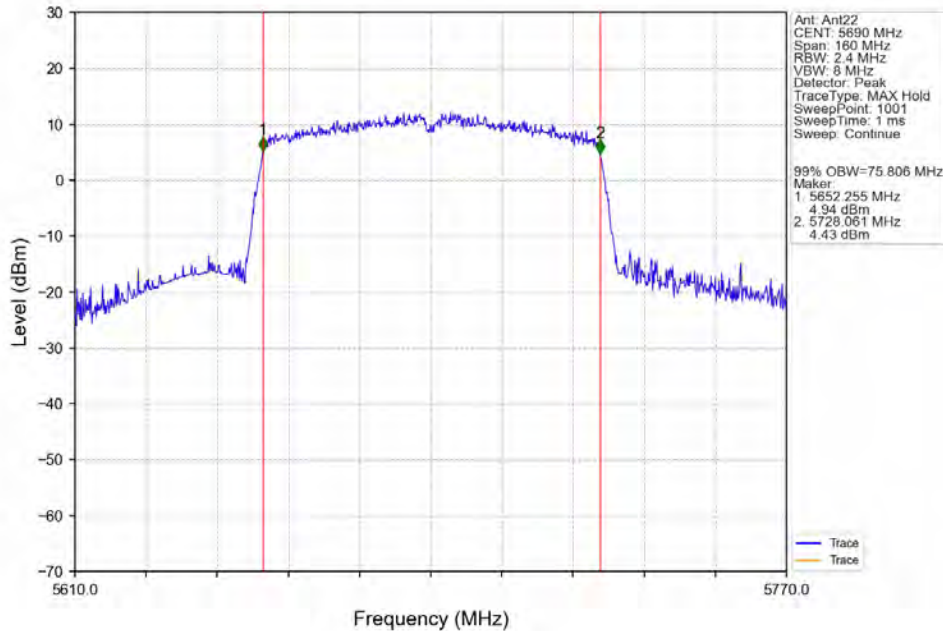
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802.11ac(VHT80)_HCH_5690MHz_Ant22_NTNV



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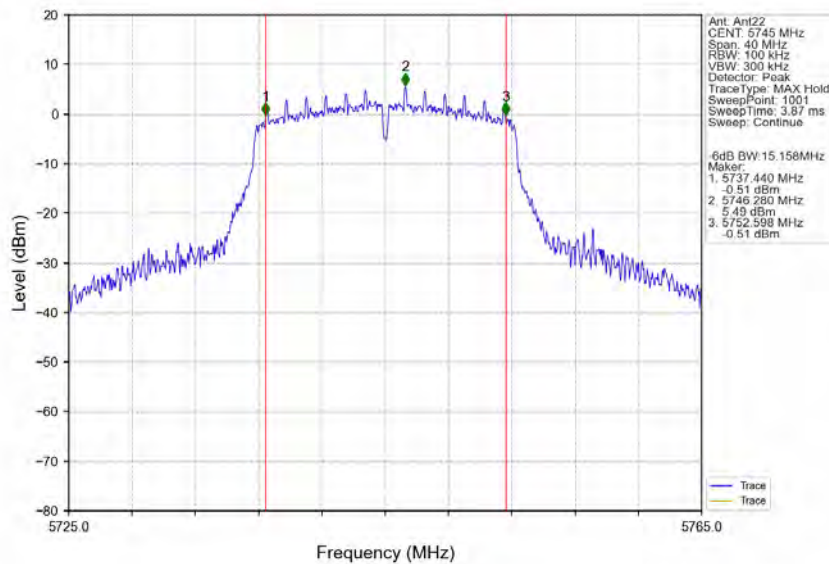
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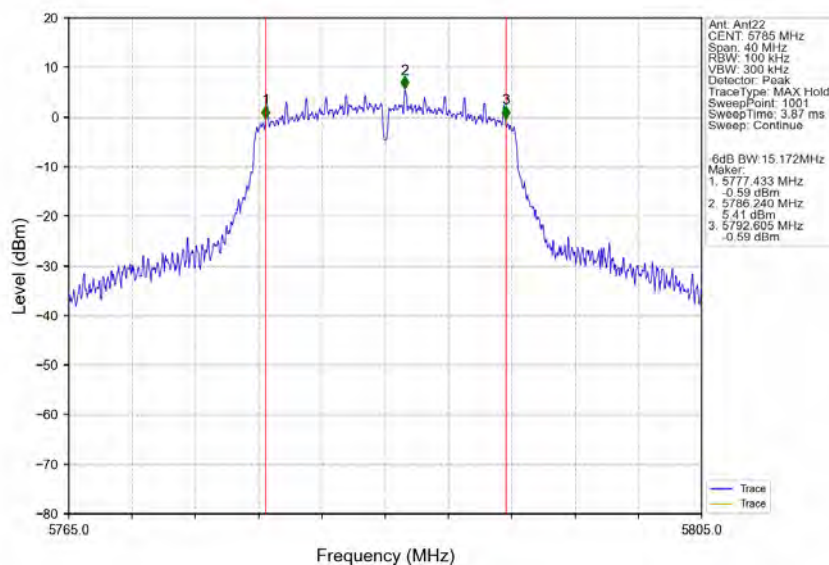
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2.2.2 6dB BW

802.11a_LCH_5745MHz_Ant22_NTNV



802.11a_MCH_5785MHz_Ant22_NTNV



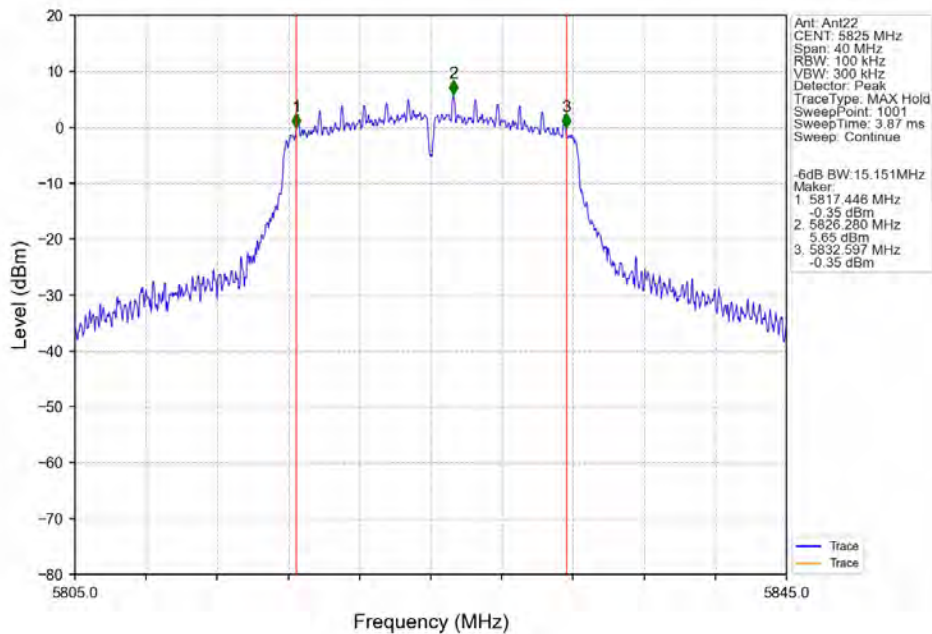
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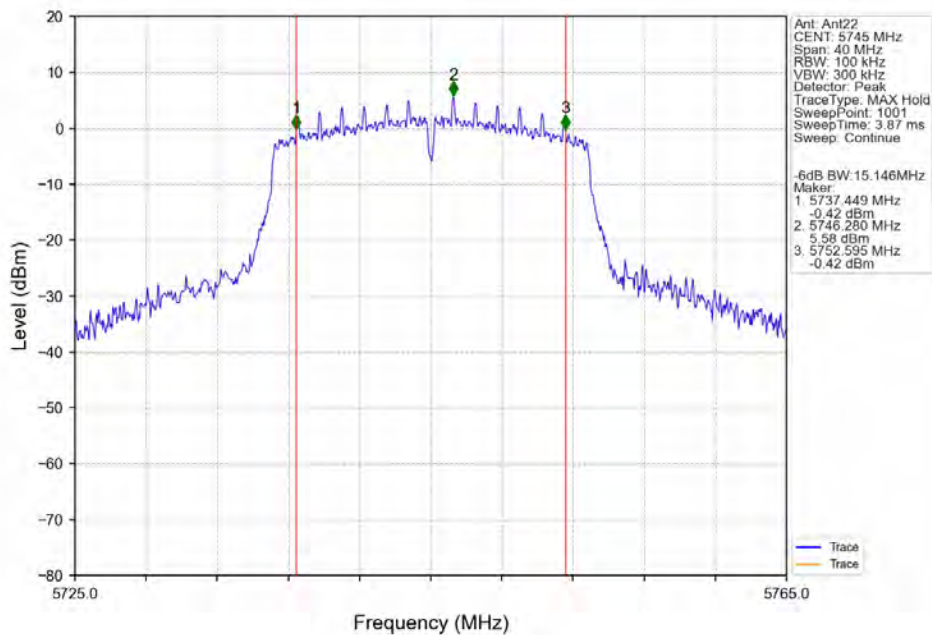
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802.11a_HCH_5825MHz_Ant22_NTNV



802.11n(HT20)_LCH_5745MHz_Ant22_NTNV



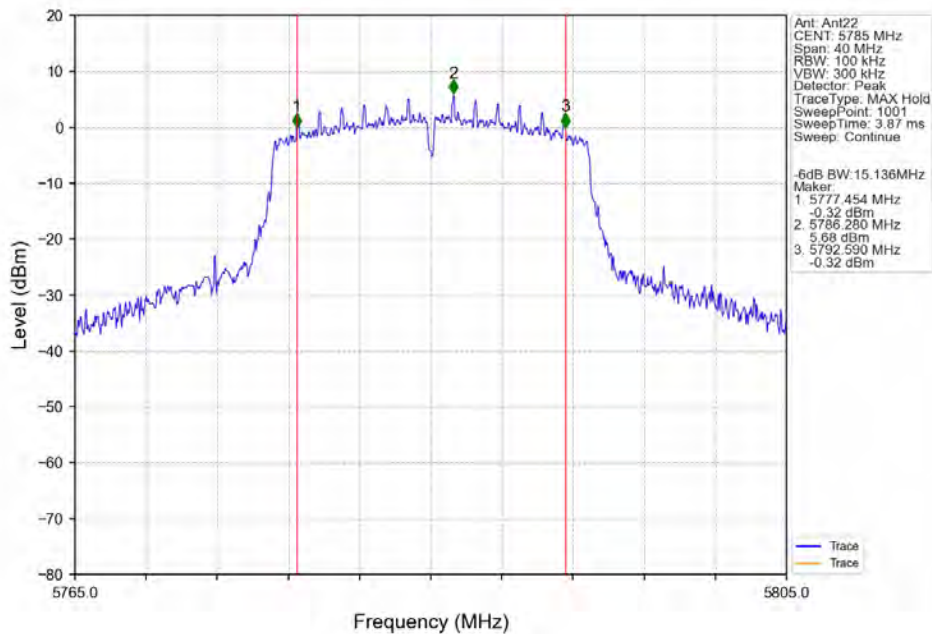
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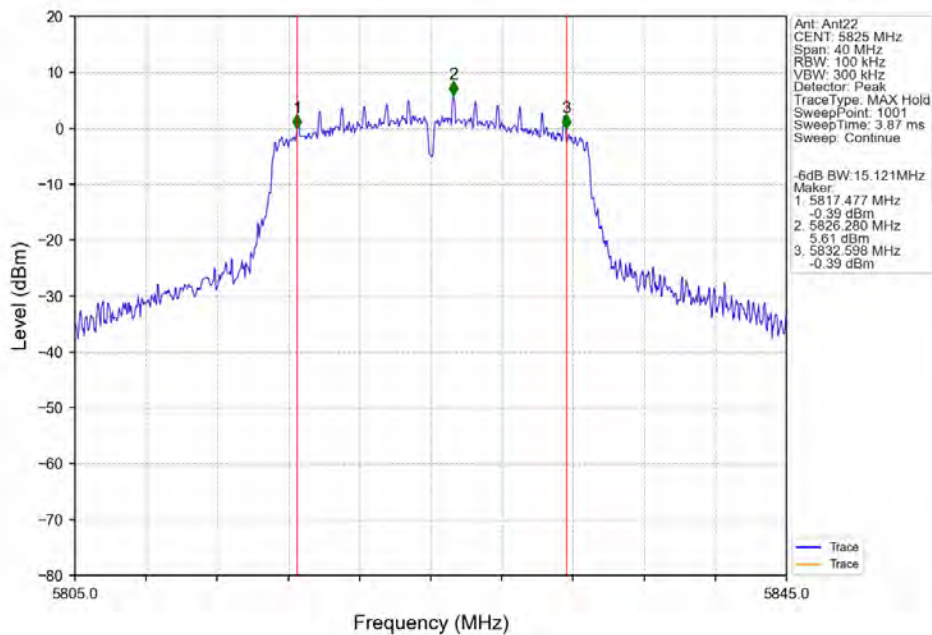
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802.11n(HT20)_MCH_5785MHz_Ant22_NTNV



802.11n(HT20)_HCH_5825MHz_Ant22_NTNV



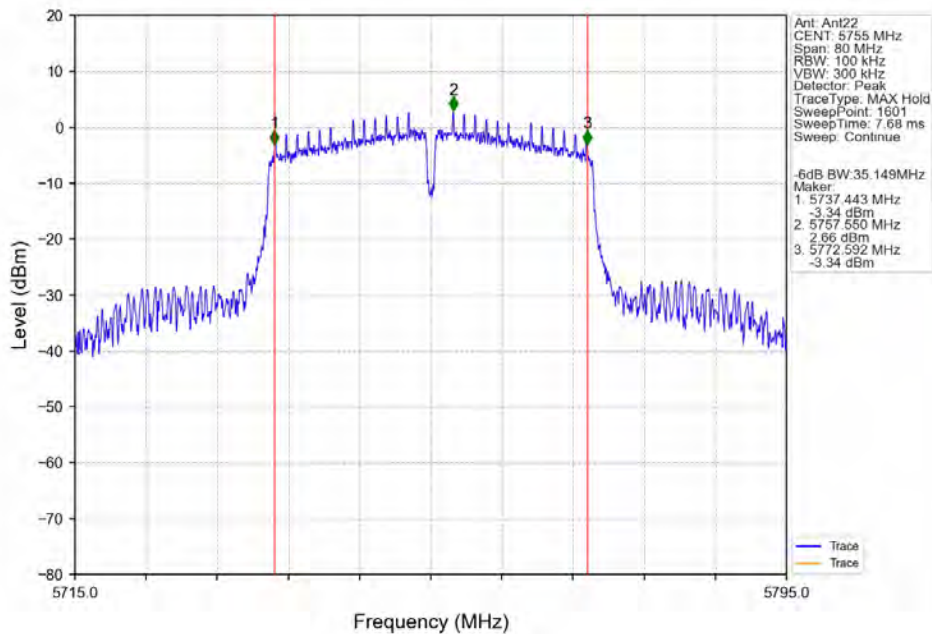
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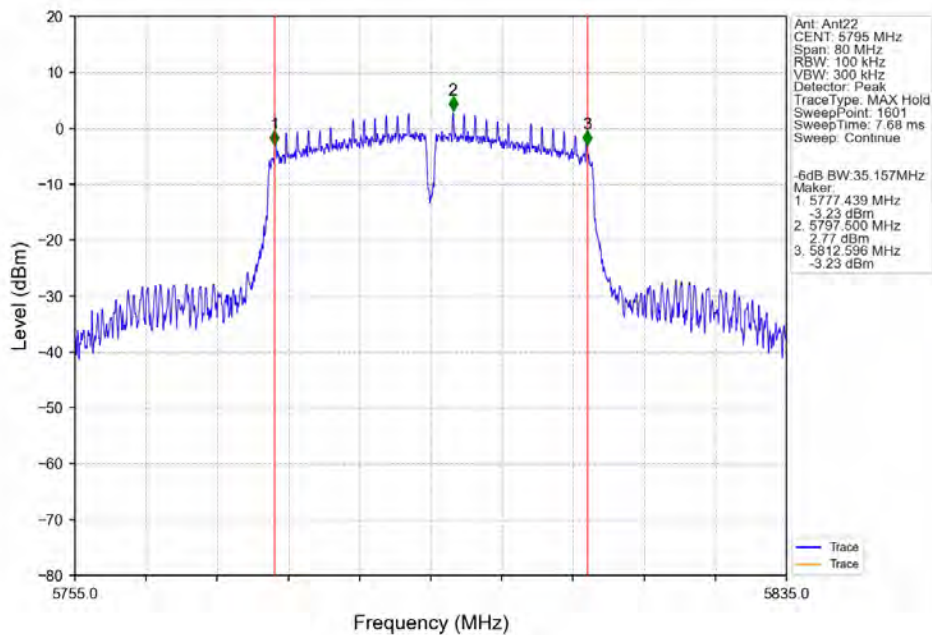
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802.11n(HT40)_LCH_5755MHz_Ant22_NTNV



802.11n(HT40)_HCH_5795MHz_Ant22_NTNV



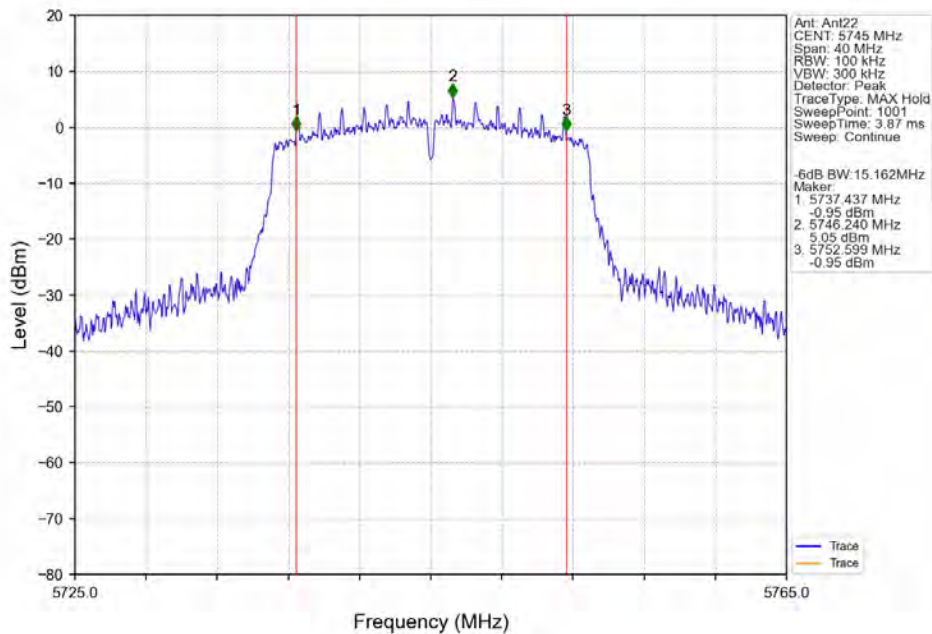
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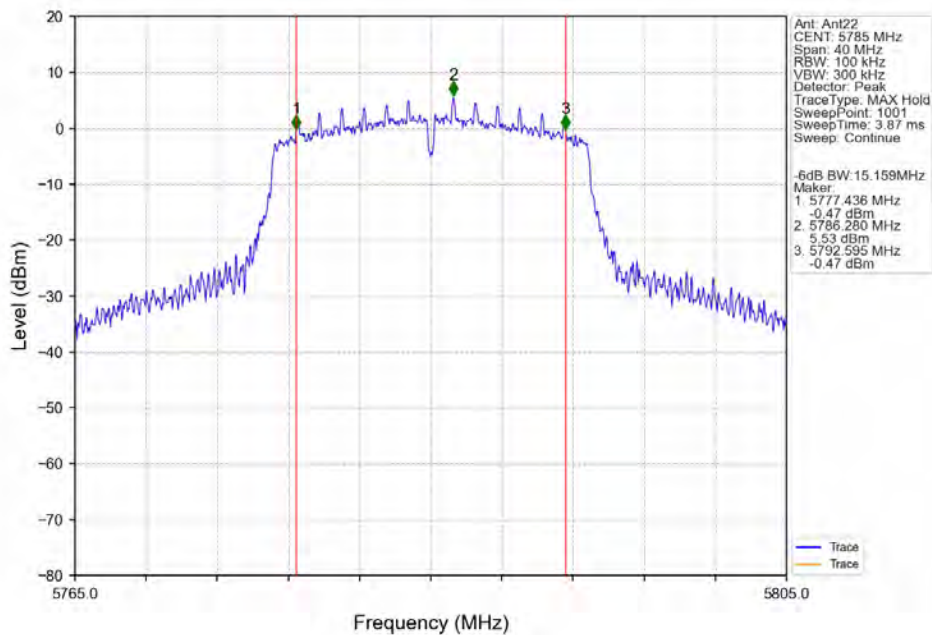
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802.11ac(VHT20)_LCH_5745MHz_Ant22_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant22_NTNV



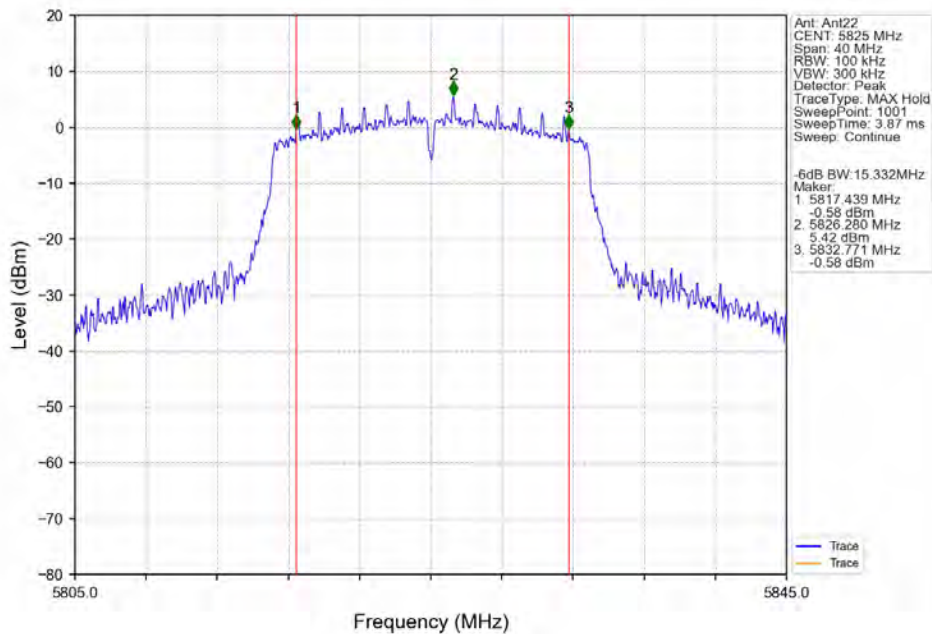
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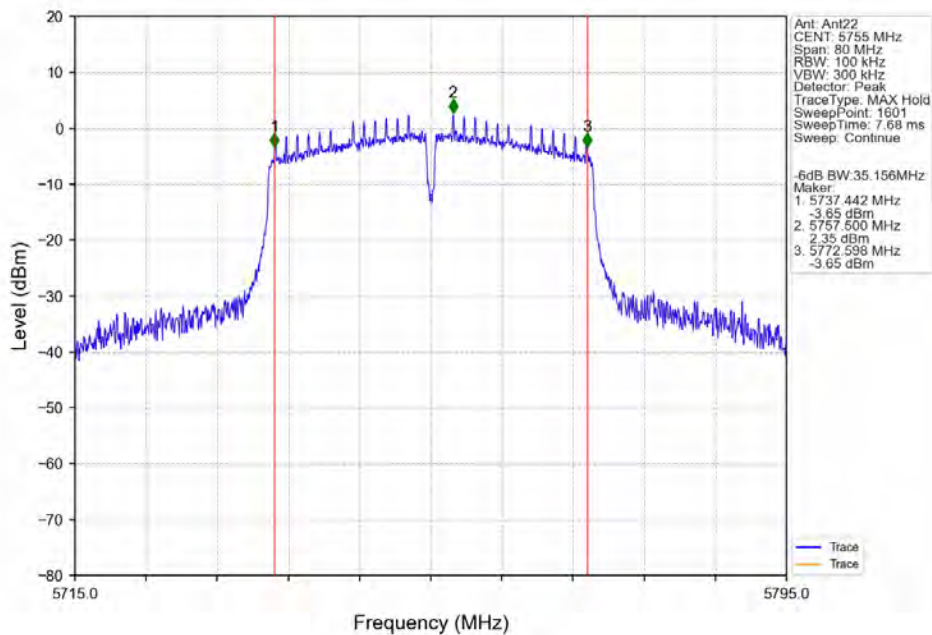
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802.11ac(VHT20)_HCH_5825MHz_Ant22_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant22_NTNV



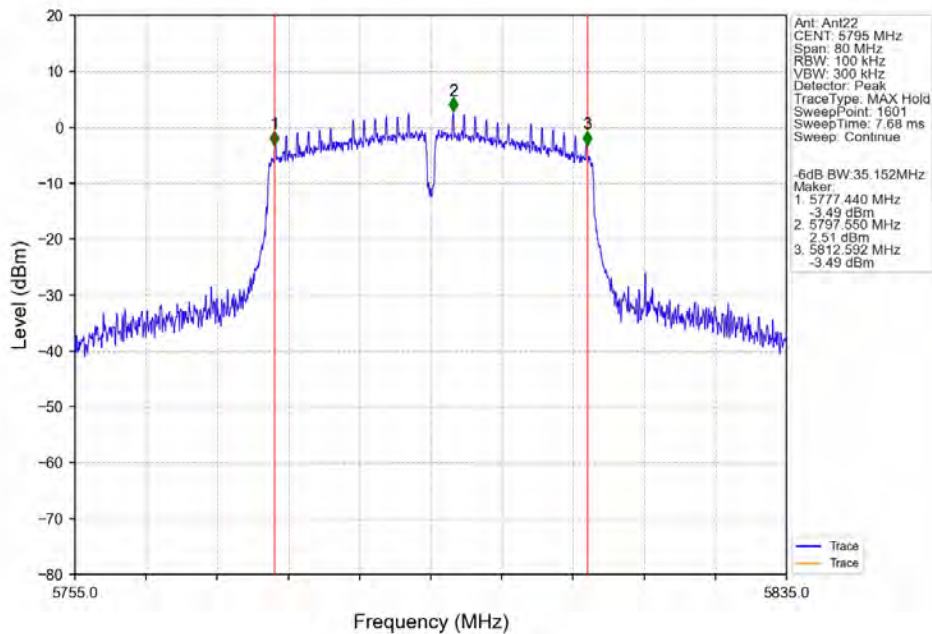
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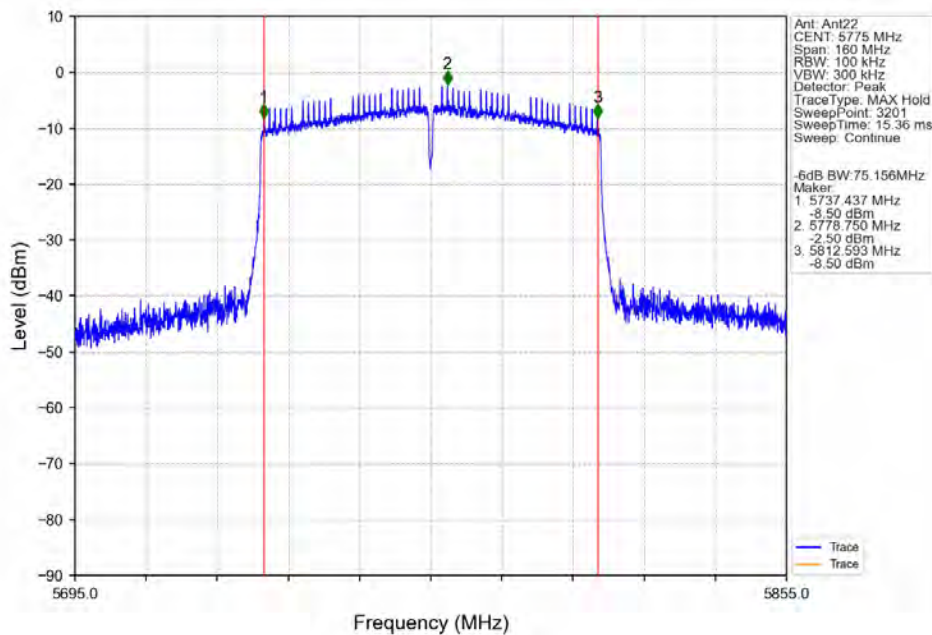
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802.11ac(VHT40)_HCH_5795MHz_Ant22_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant22_NTNV



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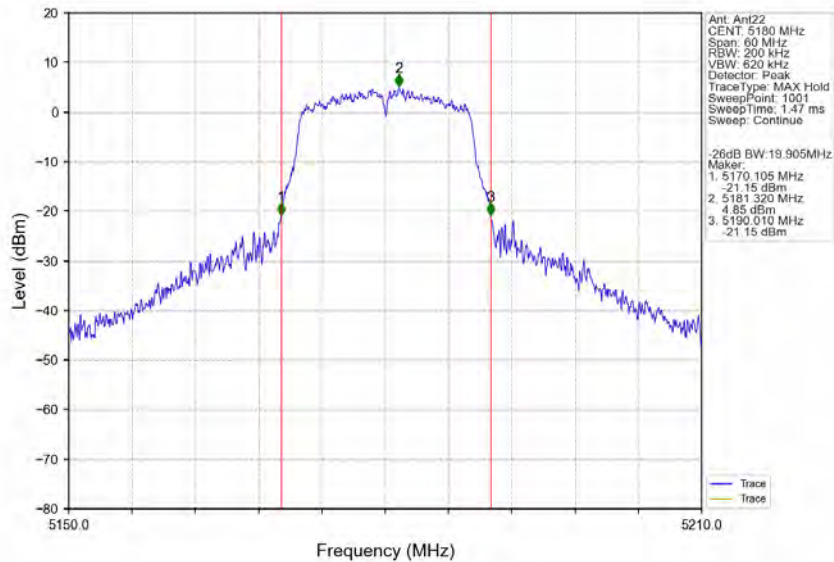
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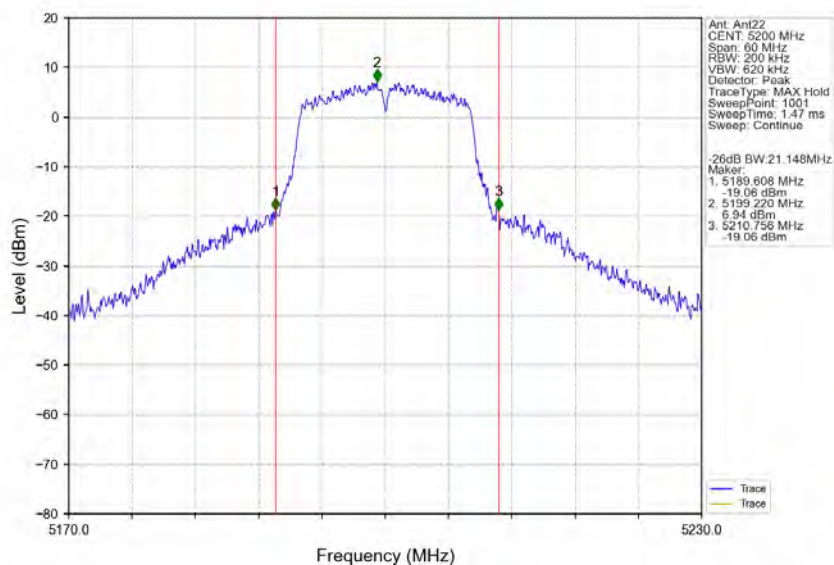
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2.2.3 26dB BW

802.11a_LCH_5180MHz_Ant22_NTNV



802.11a_MCH_5200MHz_Ant22_NTNV



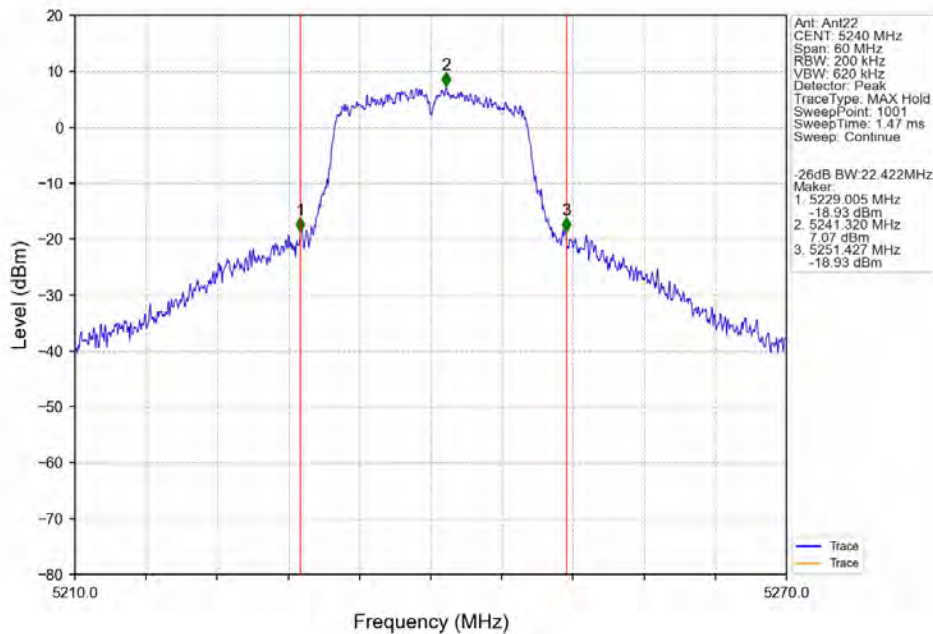
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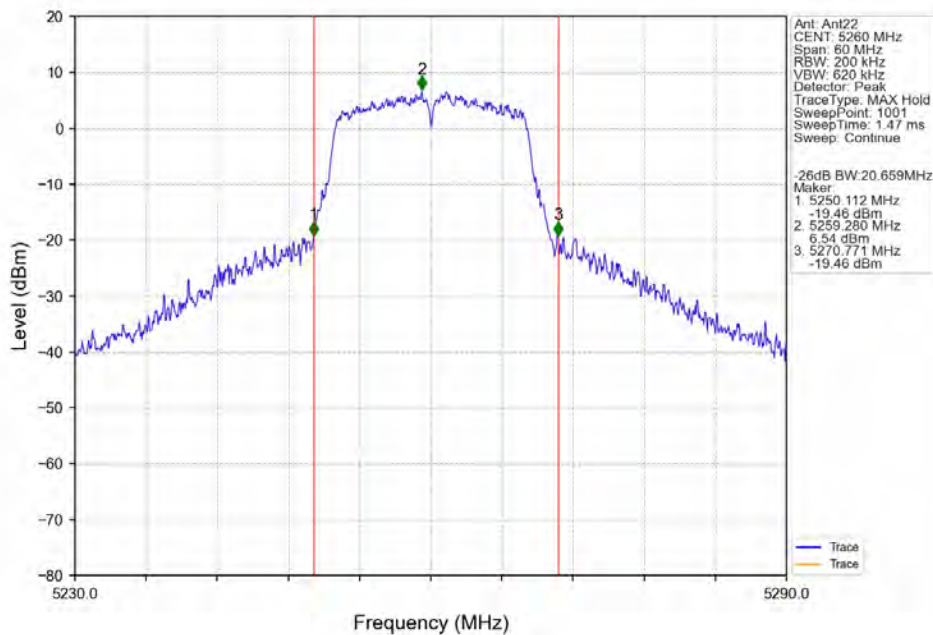
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802.11a_HCH_5240MHz_Ant22_NTNV



802.11a_LCH_5260MHz_Ant22_NTNV



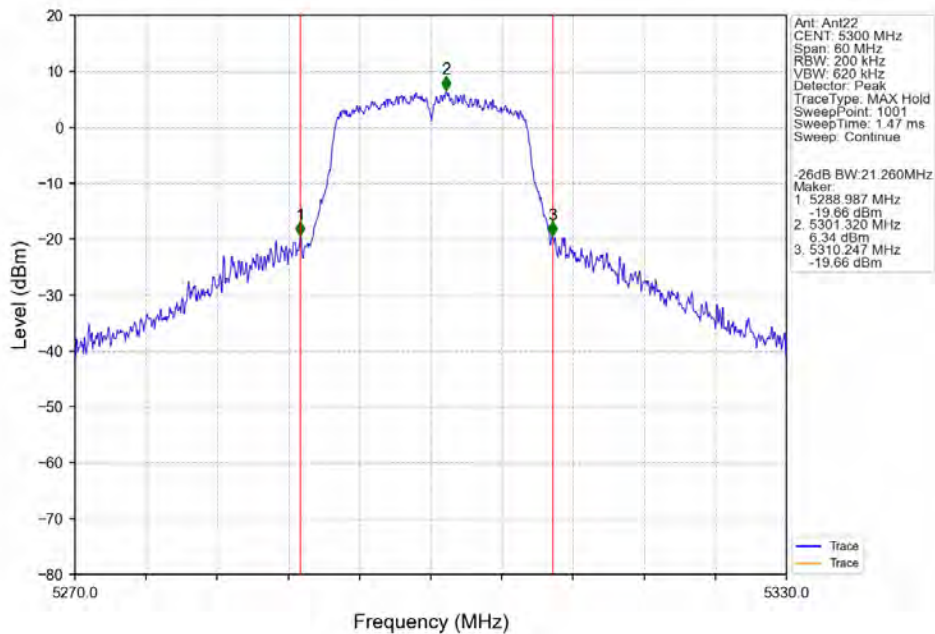
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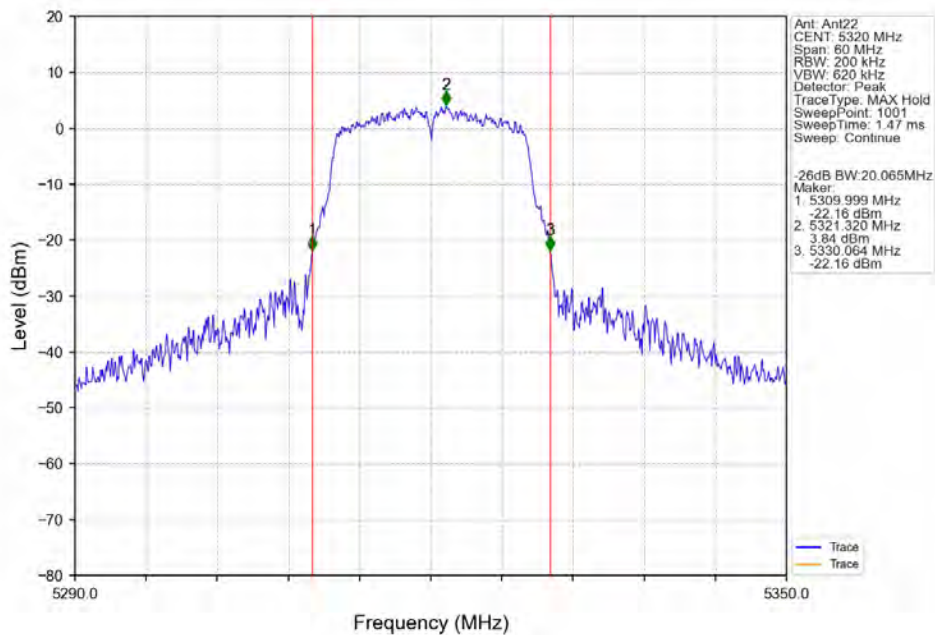
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802.11a_MCH_5300MHz_Ant22_NTNV



802.11a_HCH_5320MHz_Ant22_NTNV



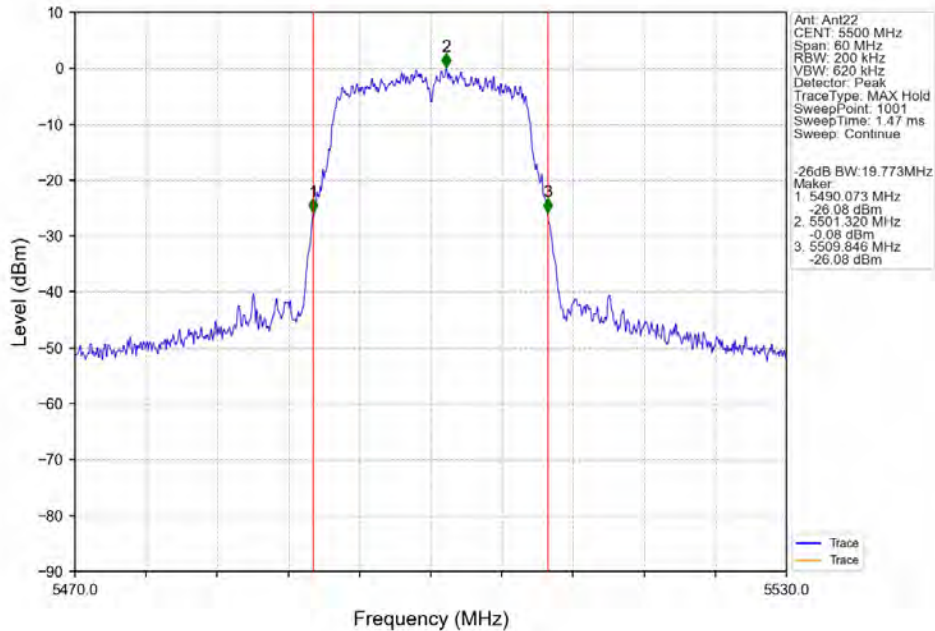
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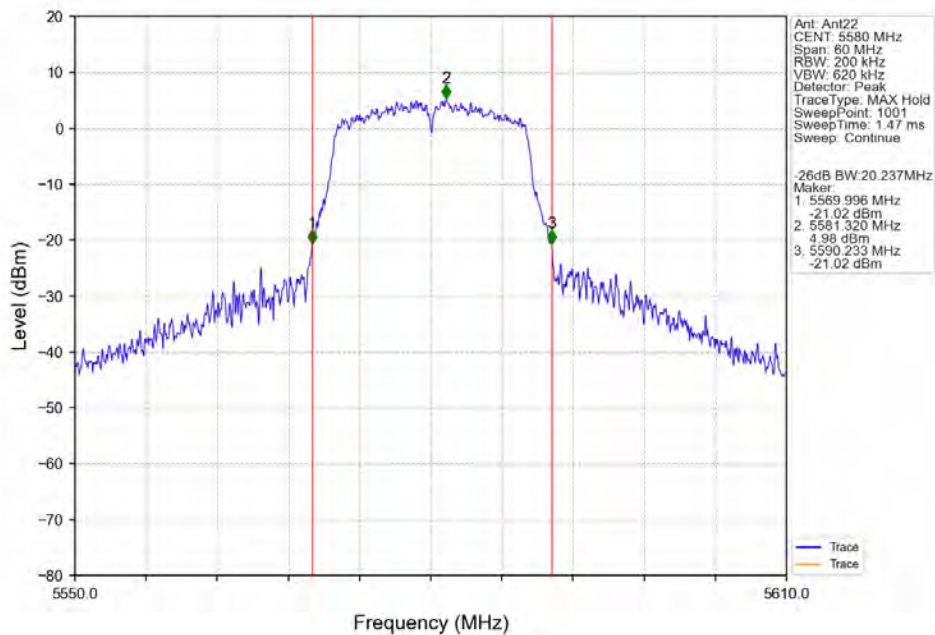
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802.11a_LCH_5500MHz_Ant22_NTNV



802.11a_MCH_5580MHz_Ant22_NTNV



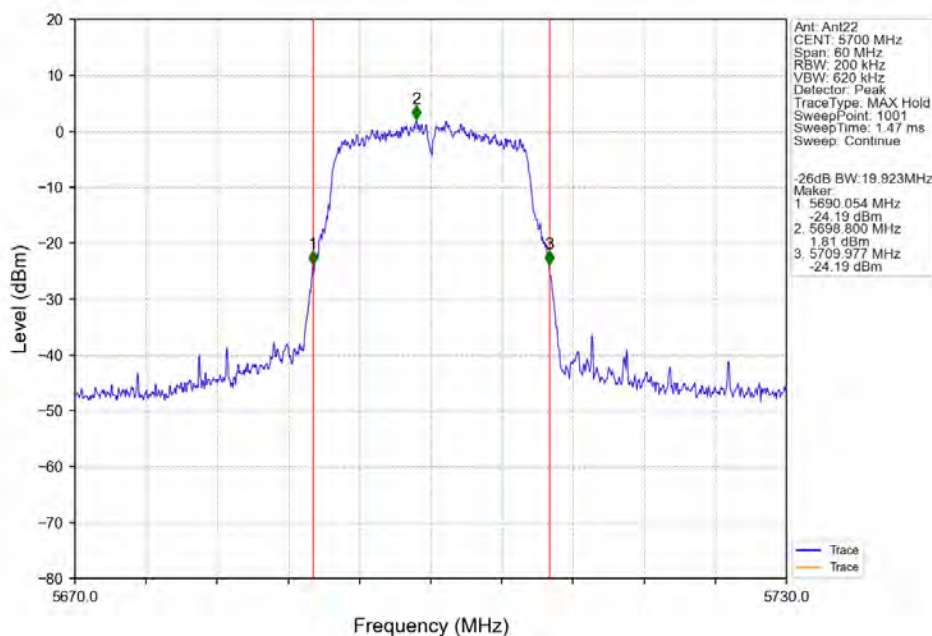
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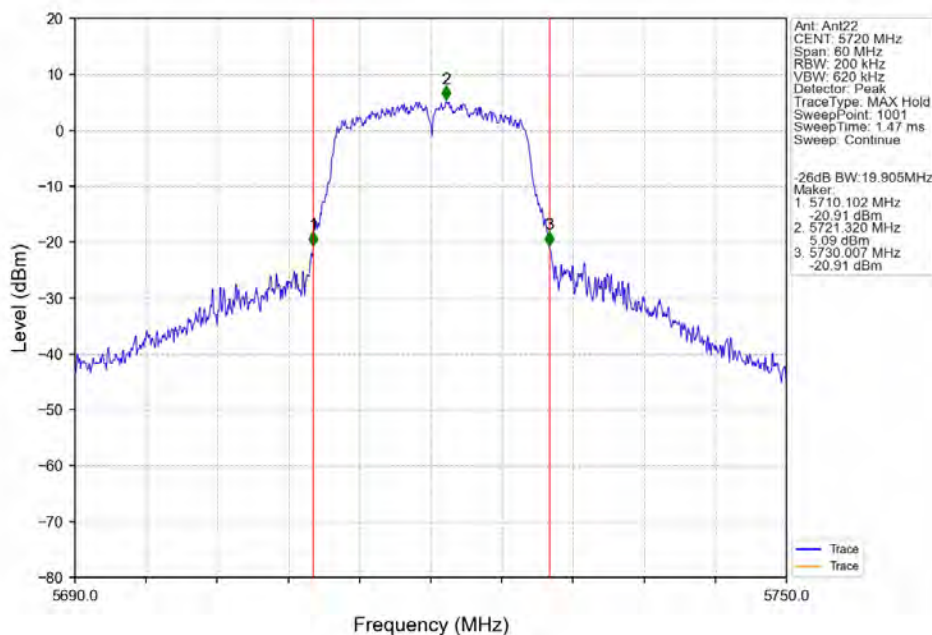
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802.11a_HCH_5700MHz_Ant22_NTNV



802.11a_HCH_5720MHz_Ant22_NTNV



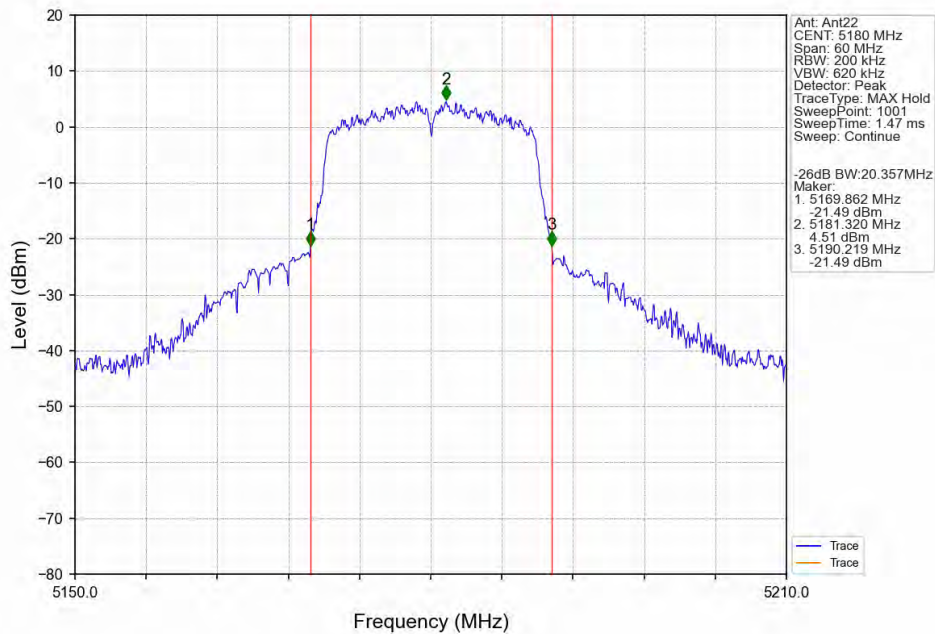
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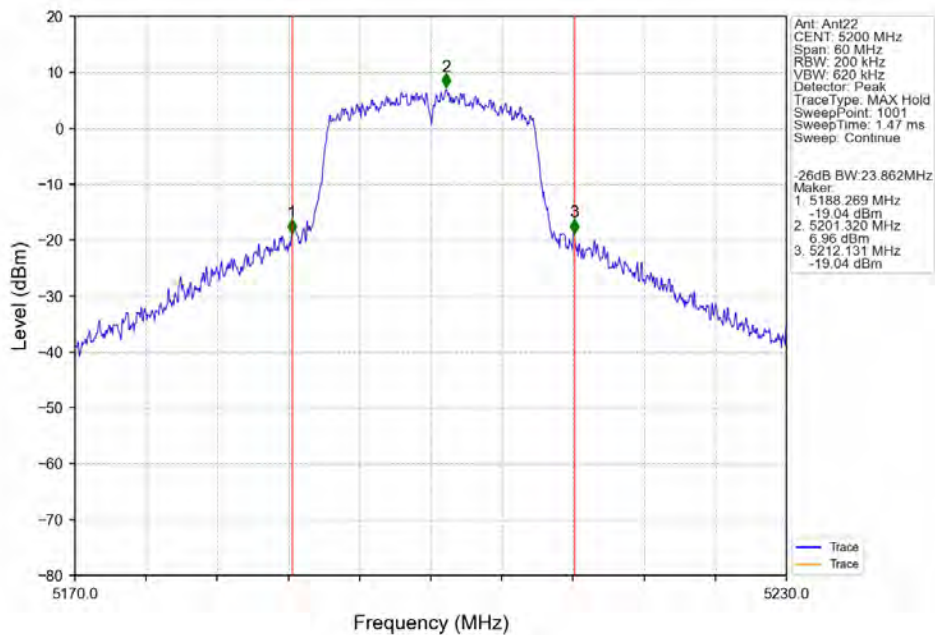
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802.11n(HT20)_LCH_5180MHz_Ant22_NTNV



802.11n(HT20)_MCH_5200MHz_Ant22_NTNV



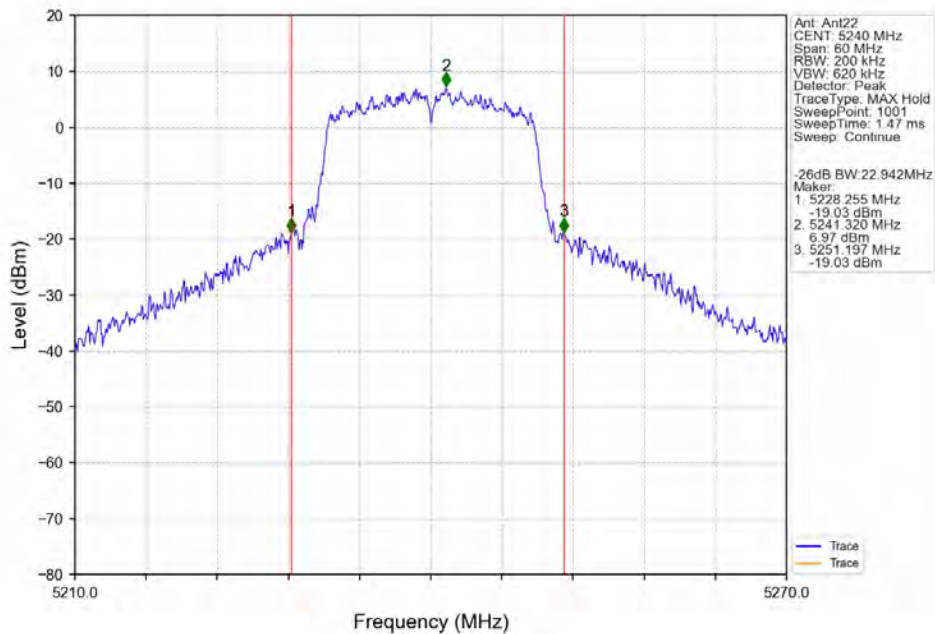
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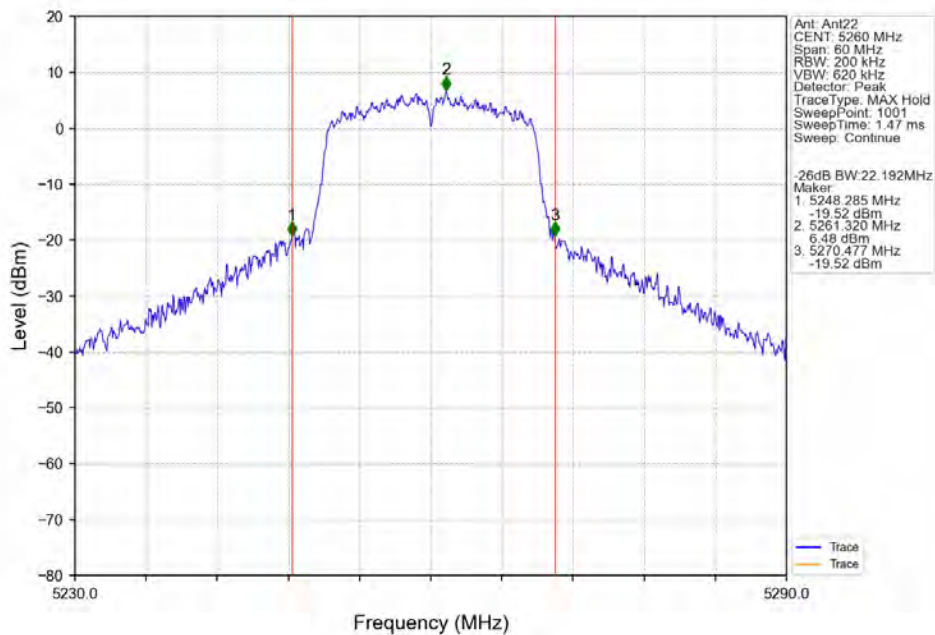
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802.11n(HT20)_HCH_5240MHz_Ant22_NTNV



802.11n(HT20)_LCH_5260MHz_Ant22_NTNV



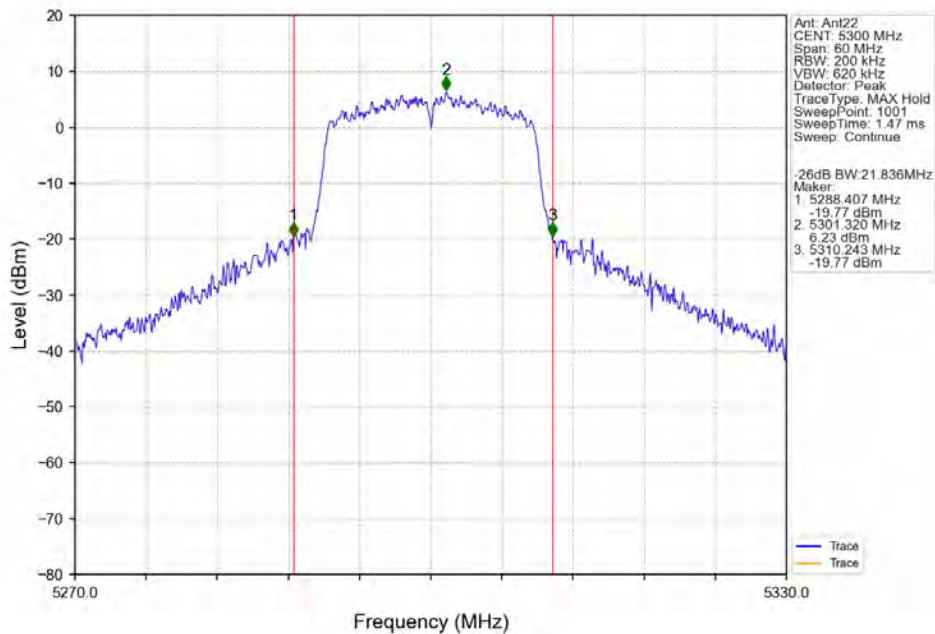
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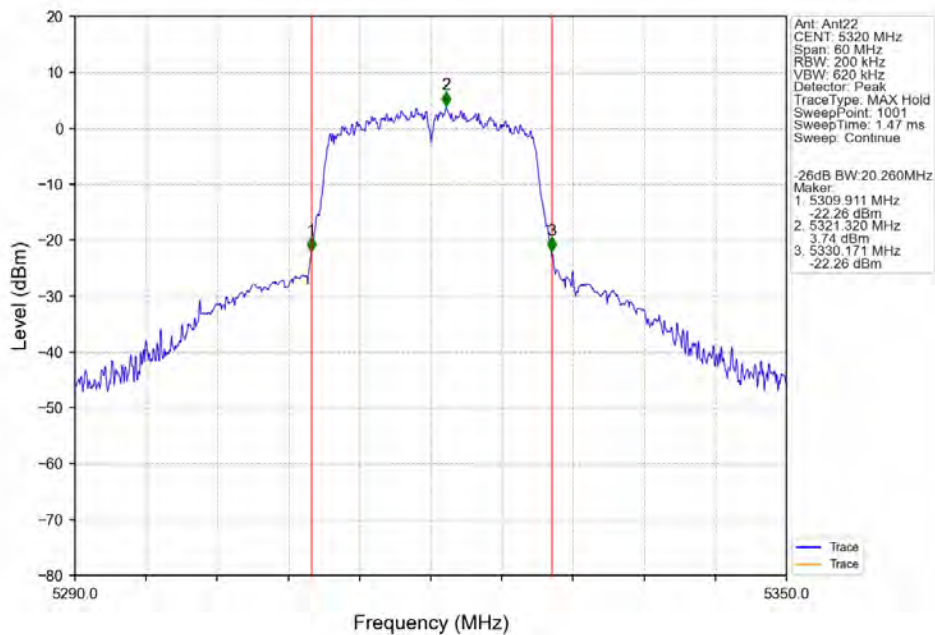
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802.11n(HT20)_MCH_5300MHz_Ant22_NTNV



802.11n(HT20)_HCH_5320MHz_Ant22_NTNV



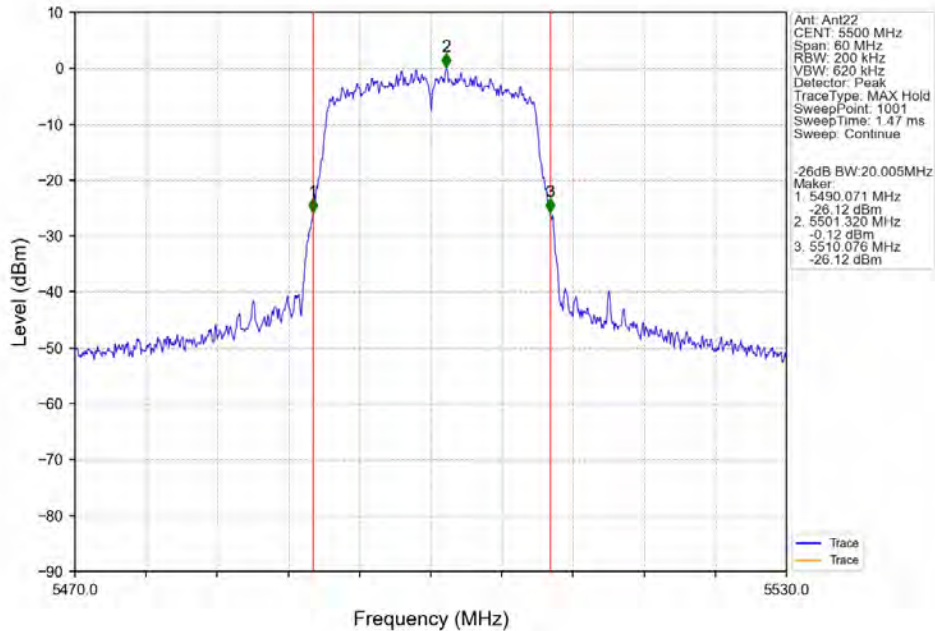
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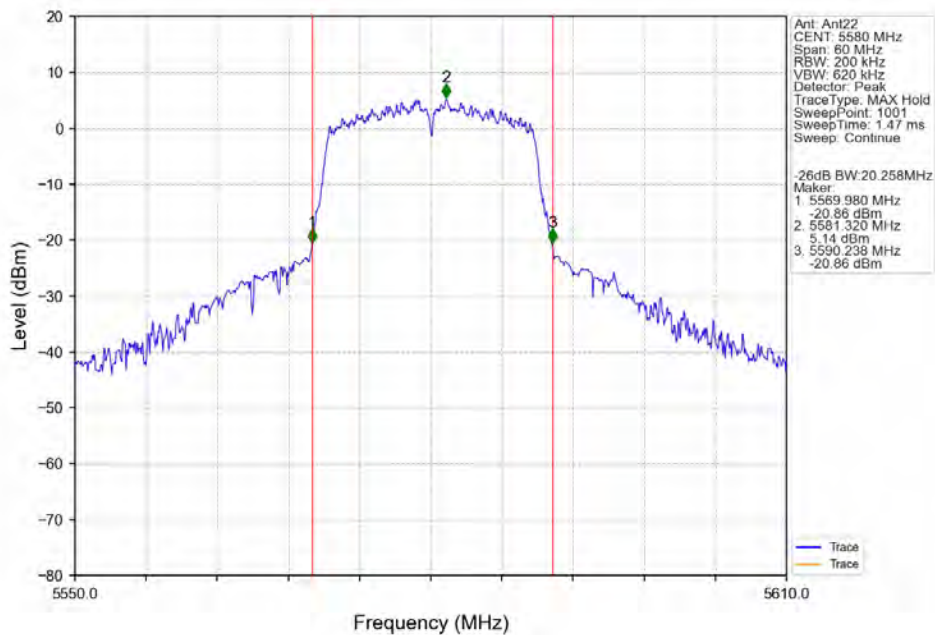
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802.11n(HT20)_LCH_5500MHz_Ant22_NTNV



802.11n(HT20)_MCH_5580MHz_Ant22_NTNV



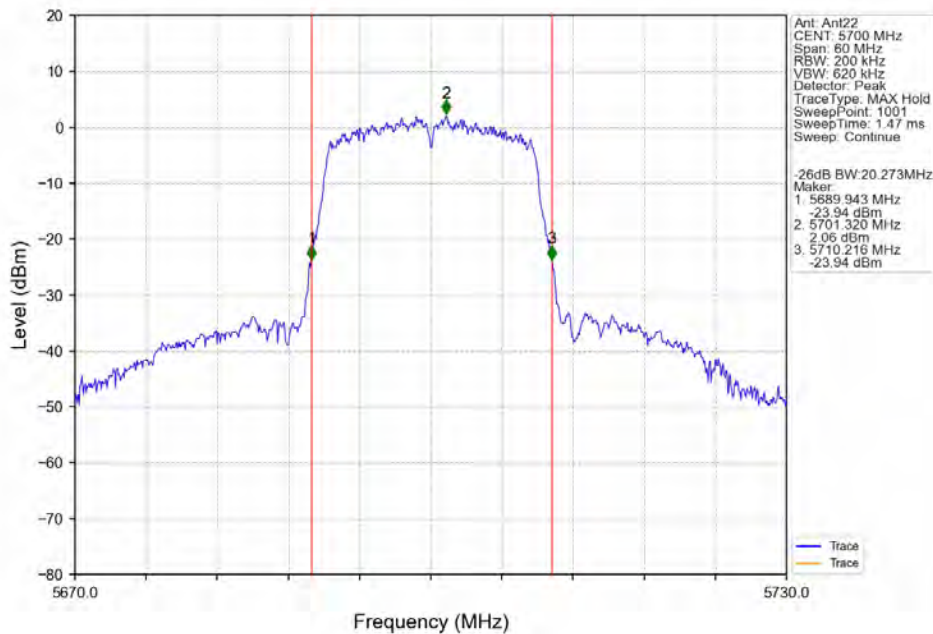
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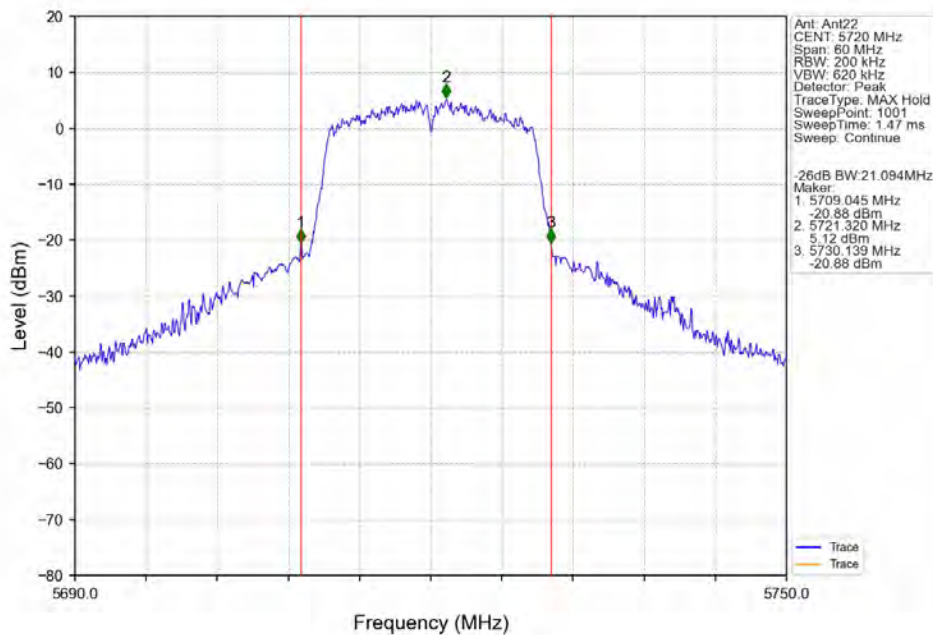
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802.11n(HT20)_HCH_5700MHz_Ant22_NTNV



802.11n(HT20)_HCH_5720MHz_Ant22_NTNV



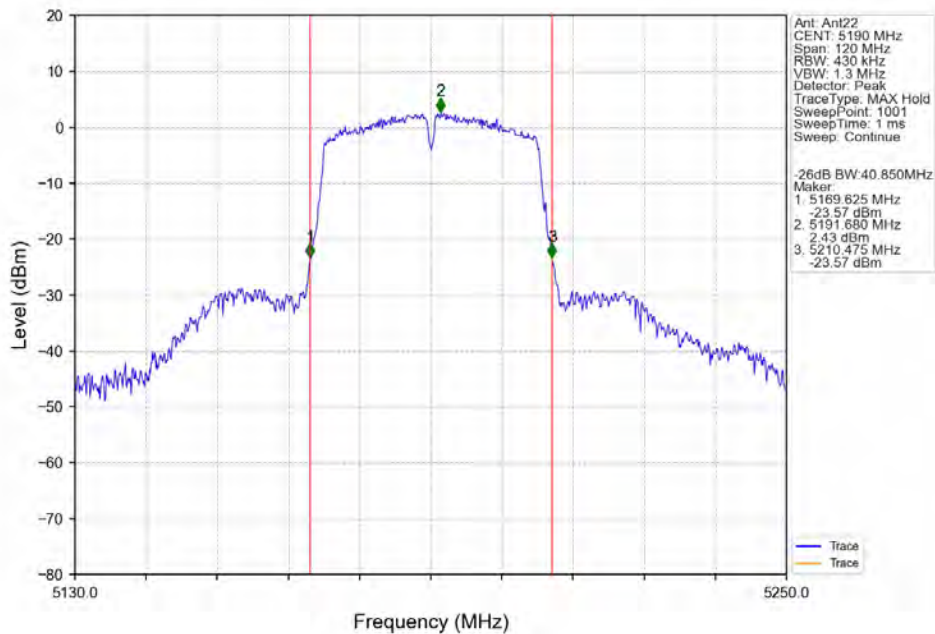
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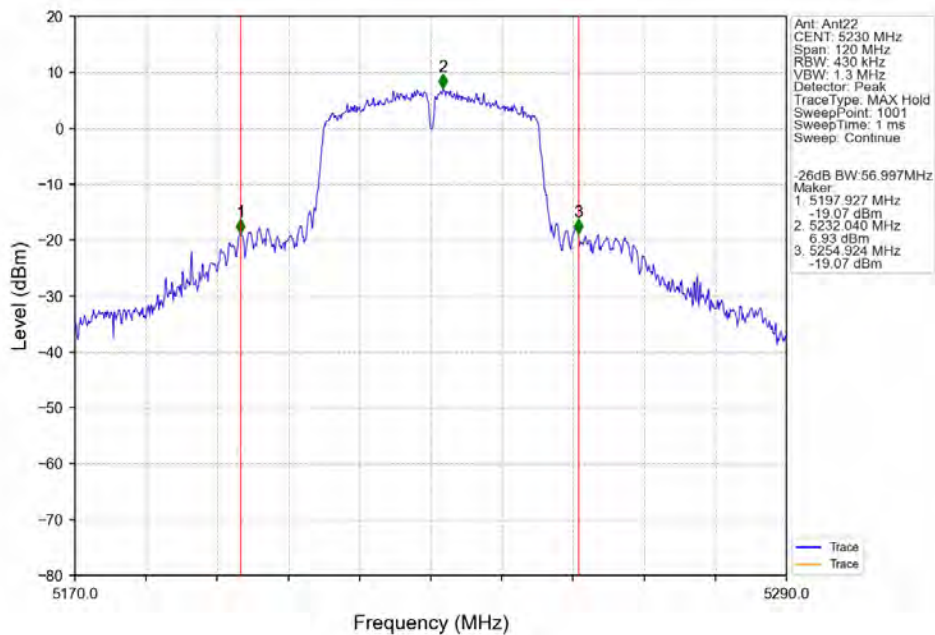
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802.11n(HT40)_LCH_5190MHz_Ant22_NTNV



802.11n(HT40)_HCH_5230MHz_Ant22_NTNV



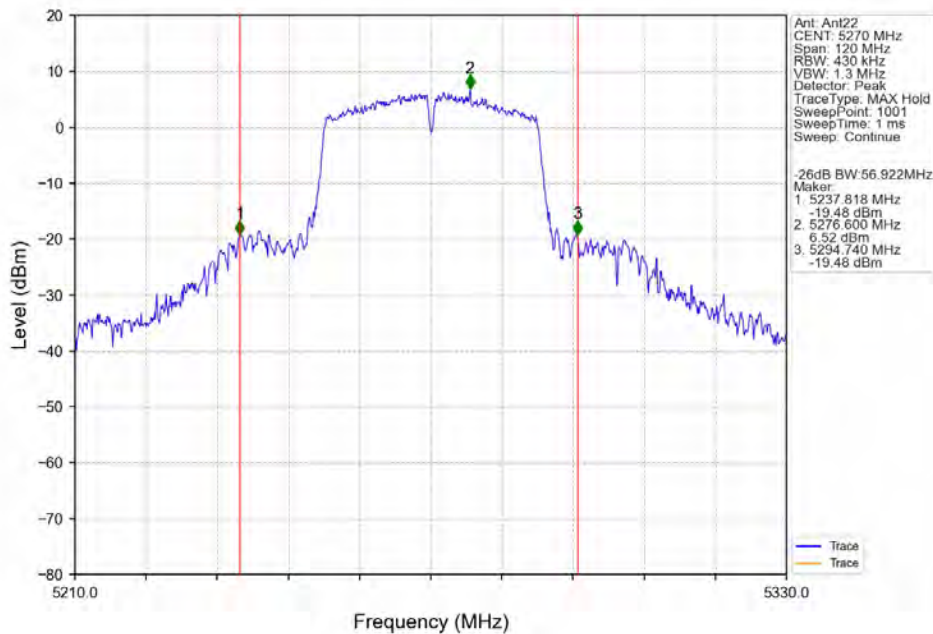
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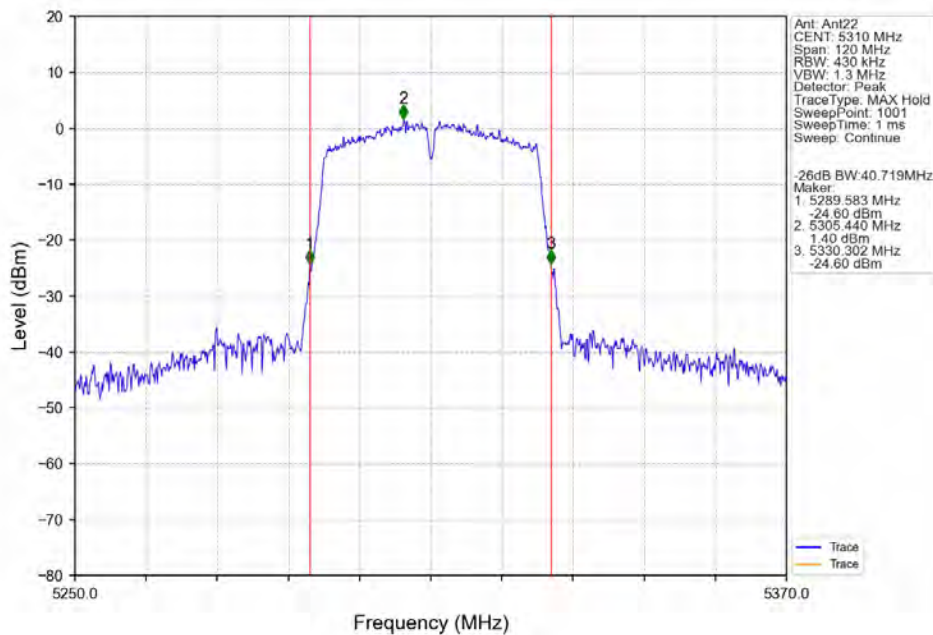
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802.11n(HT40)_LCH_5270MHz_Ant22_NTNV



802.11n(HT40)_HCH_5310MHz_Ant22_NTNV



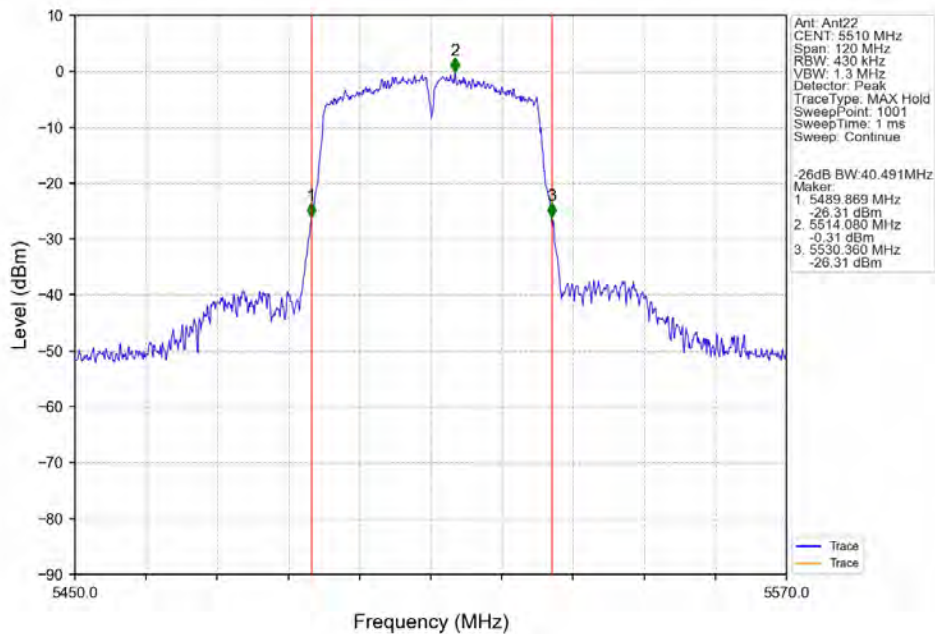
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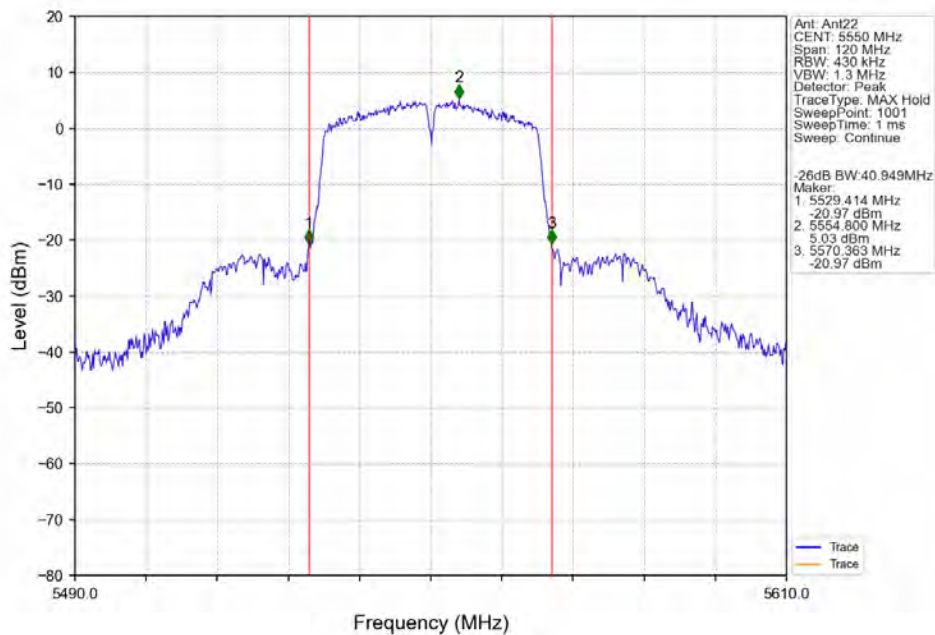
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802.11n(HT40)_LCH_5510MHz_Ant22_NTNV



802.11n(HT40)_MCH_5550MHz_Ant22_NTNV



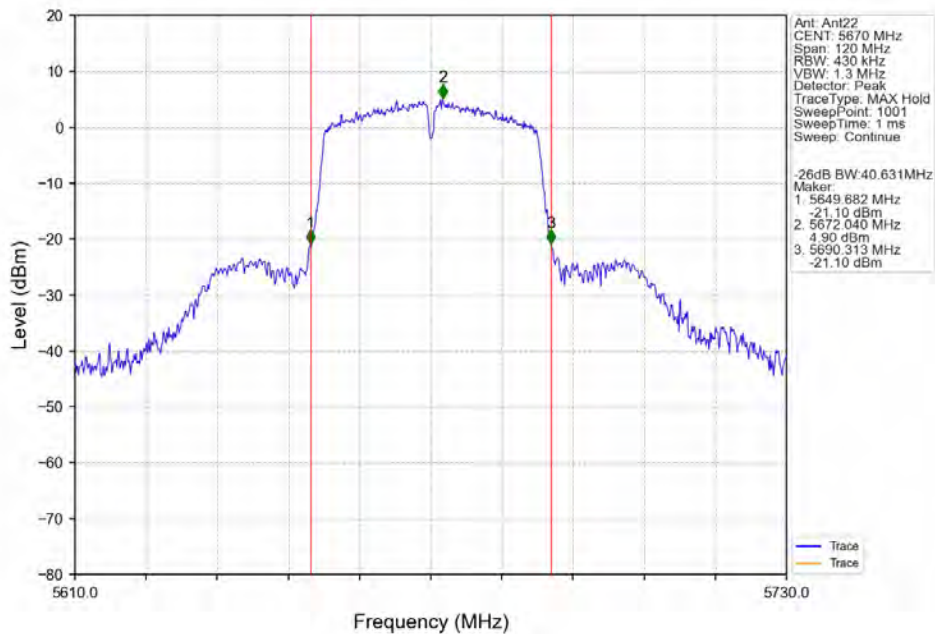
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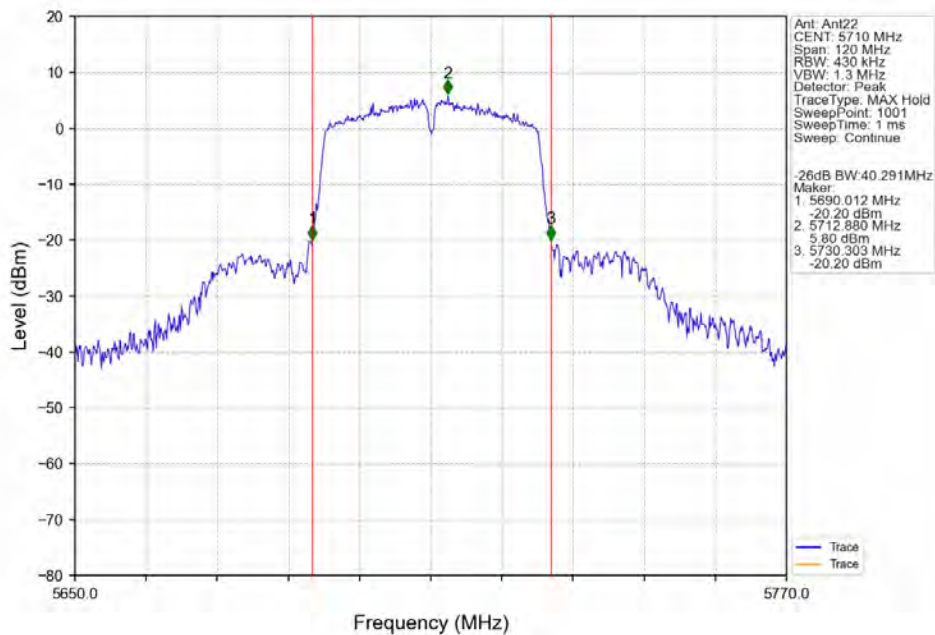
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802.11n(HT40)_HCH_5670MHz_Ant22_NTNV



802.11n(HT40)_HCH_5710MHz_Ant22_NTNV



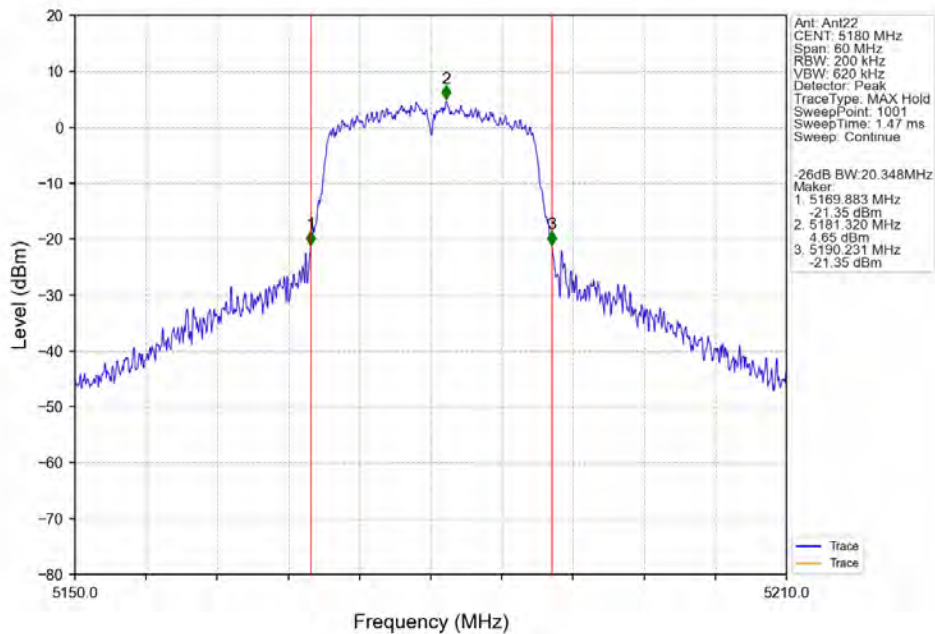
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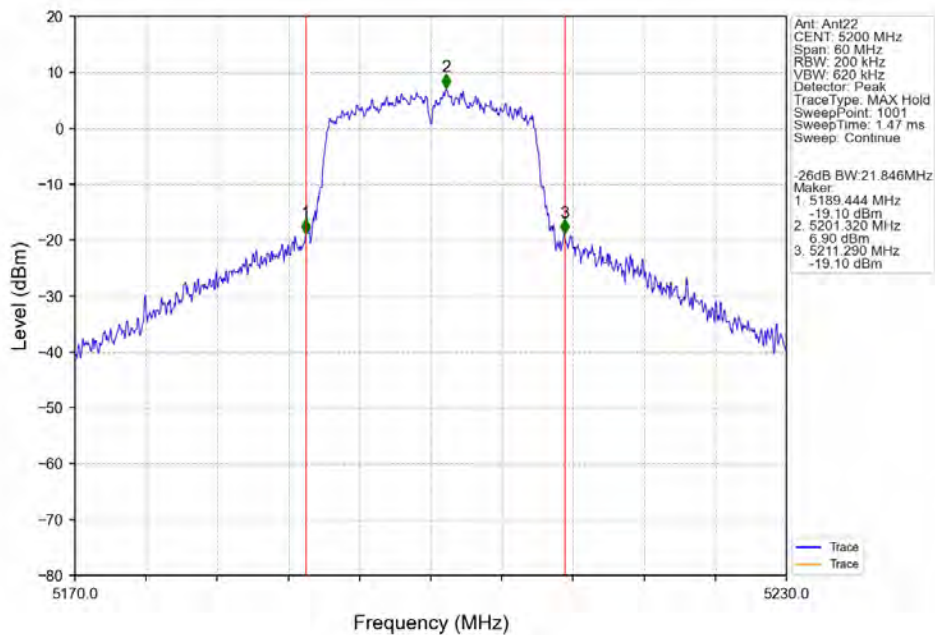
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802.11ac(VHT20)_LCH_5180MHz_Ant22_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant22_NTNV



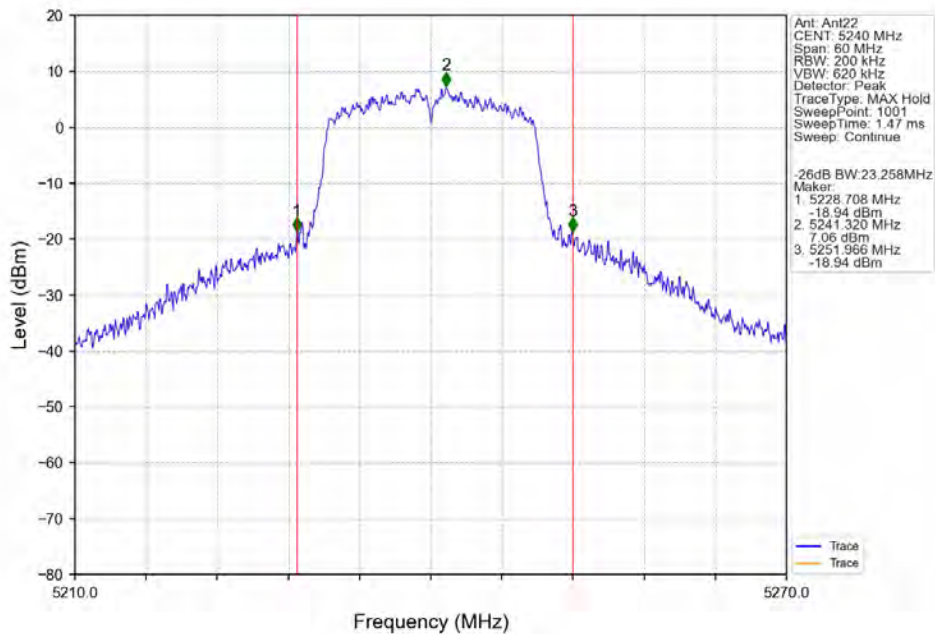
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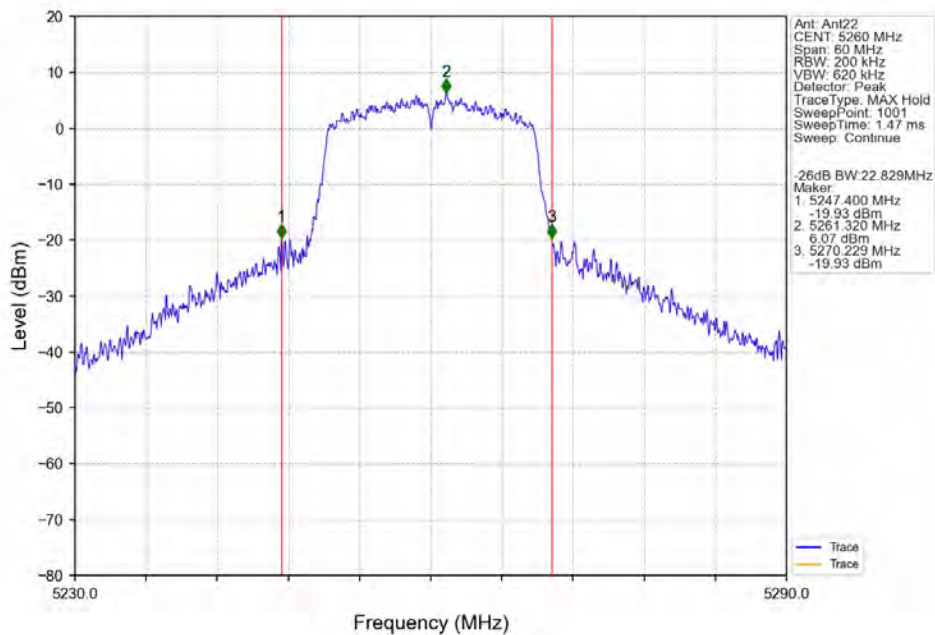
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802.11ac(VHT20)_HCH_5240MHz_Ant22_NTNV



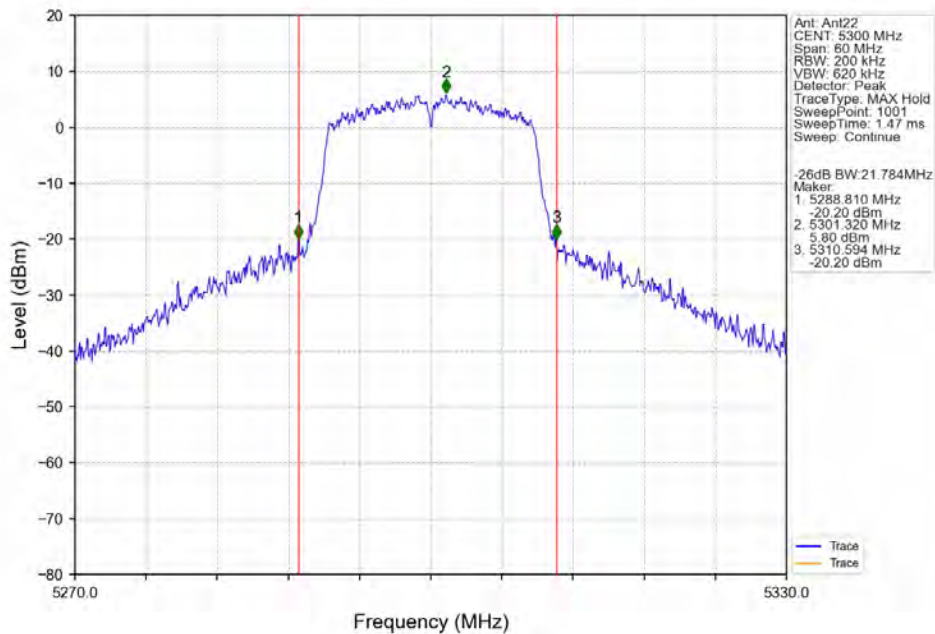
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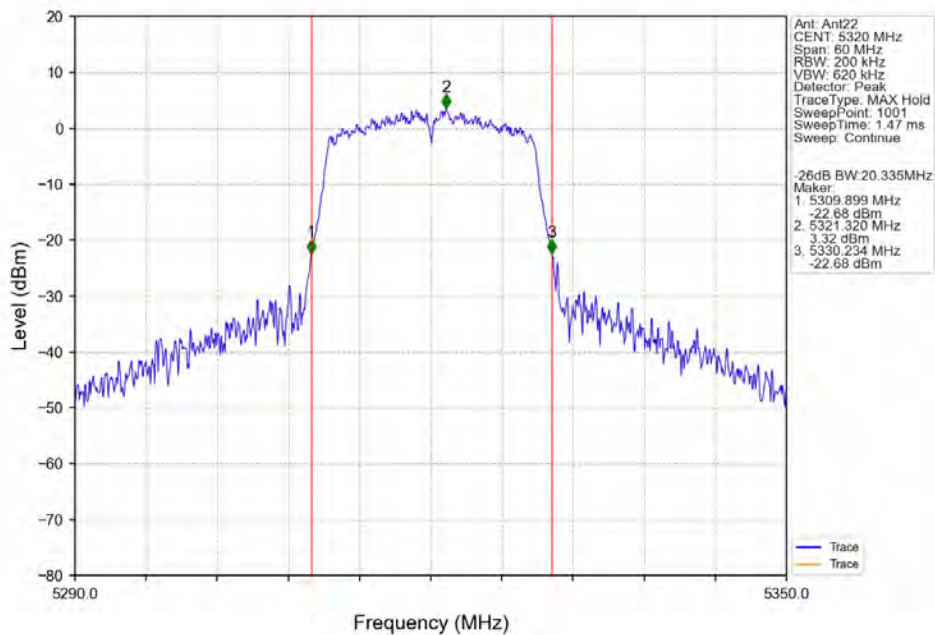
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802.11ac(VHT20)_MCH_5300MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant22_NTNV



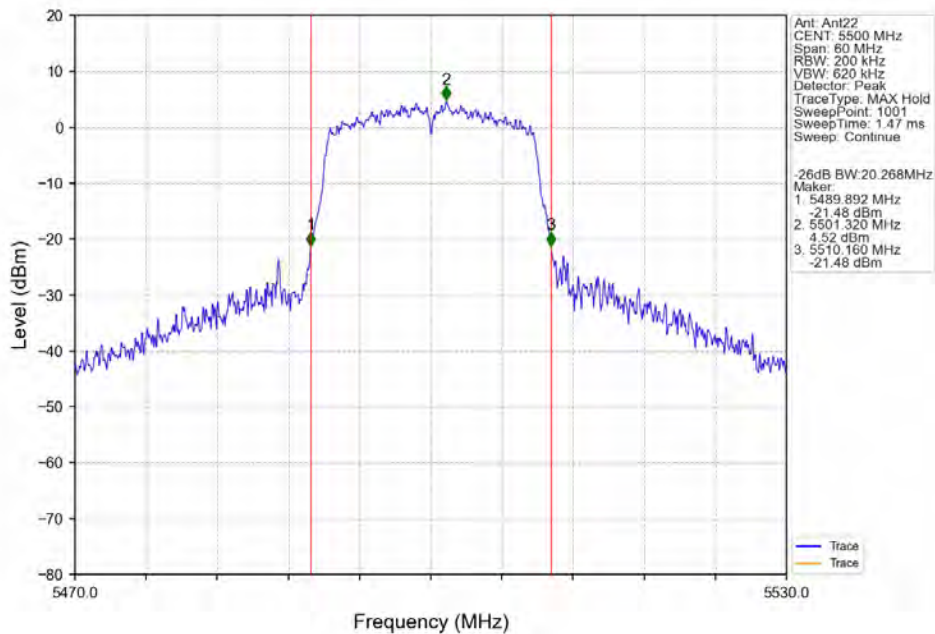
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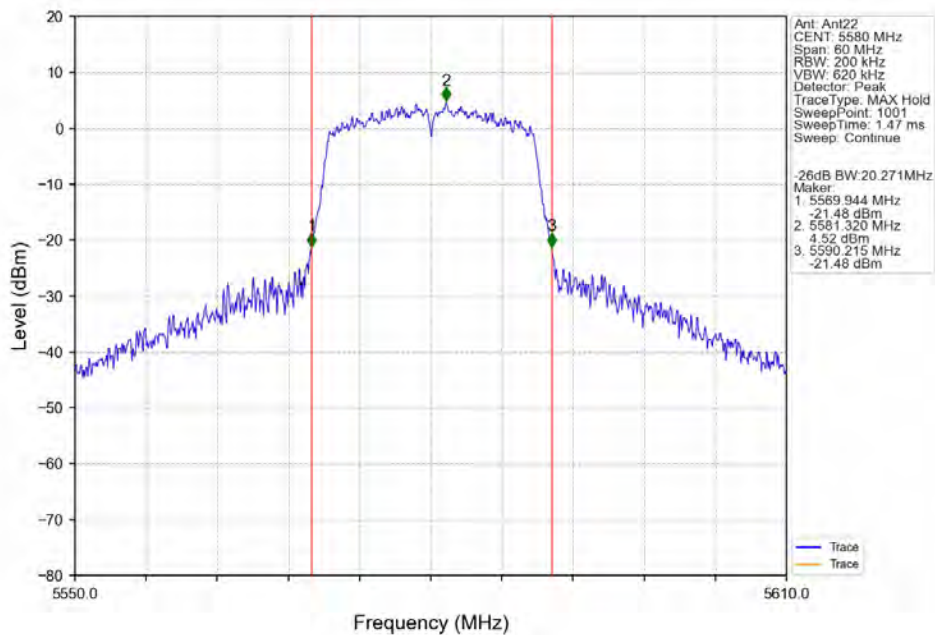
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802.11ac(VHT20)_LCH_5500MHz_Ant22_NTNV



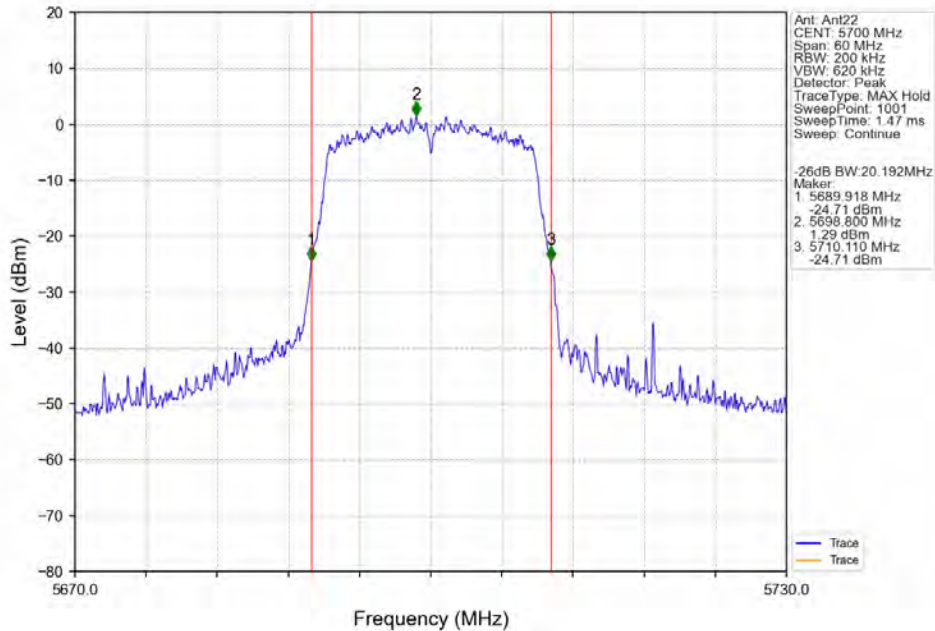
802.11ac(VHT20)_MCH_5580MHz_Ant22_NTNV



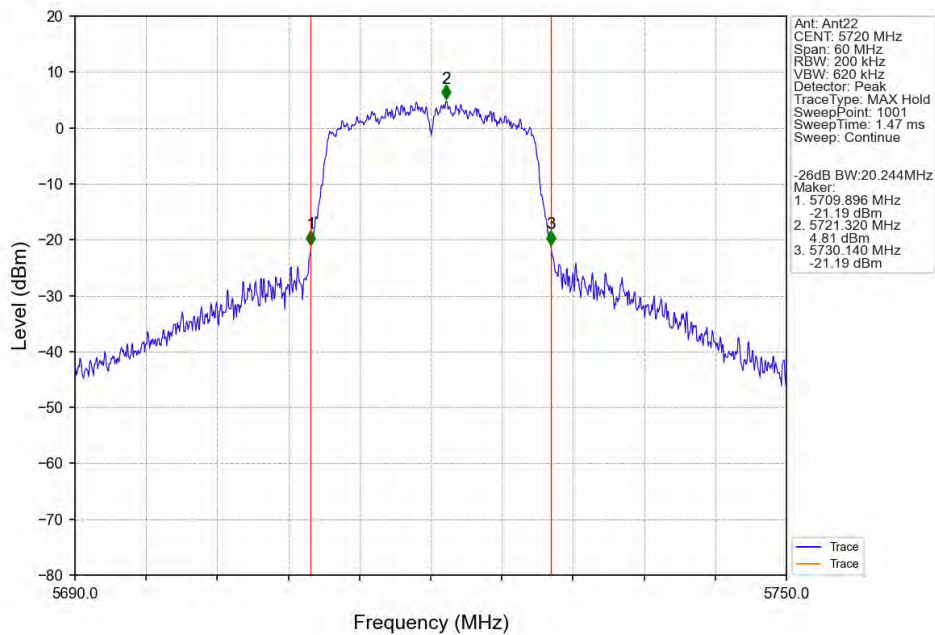
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802.11ac(VHT20)_HCH_5700MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5720MHz_Ant22_NTNV



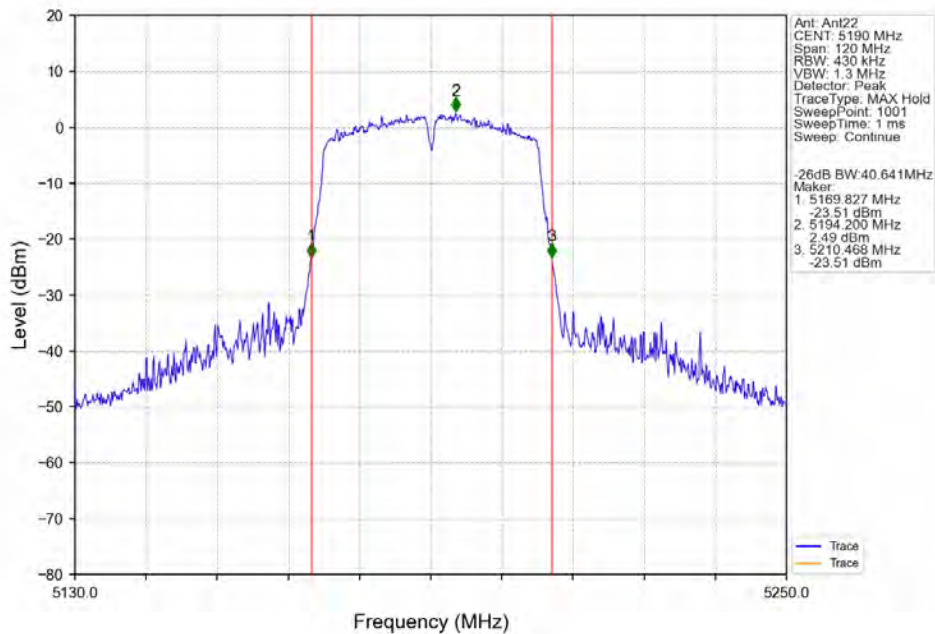
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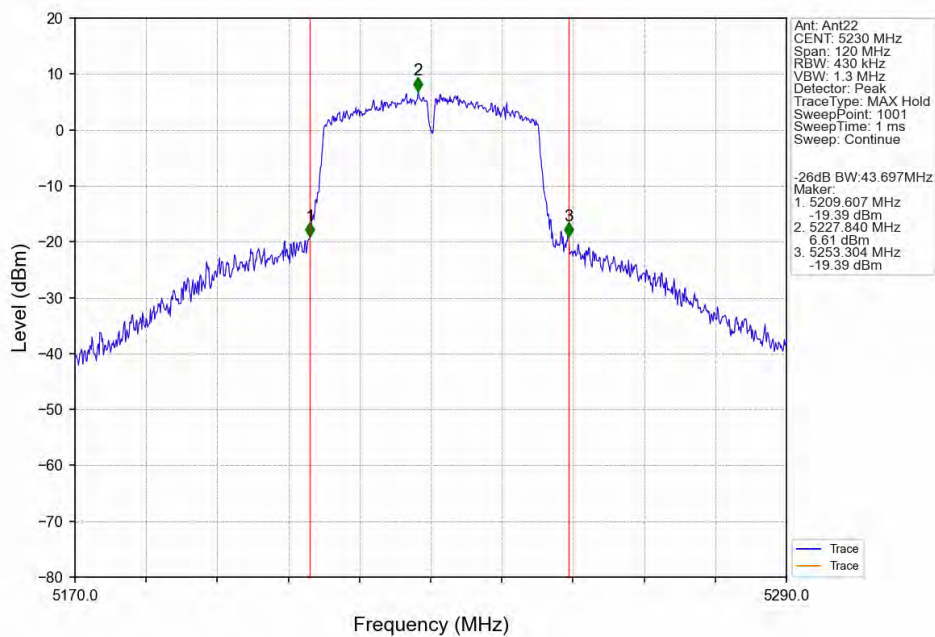
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802.11ac(VHT40)_LCH_5190MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant22_NTNV



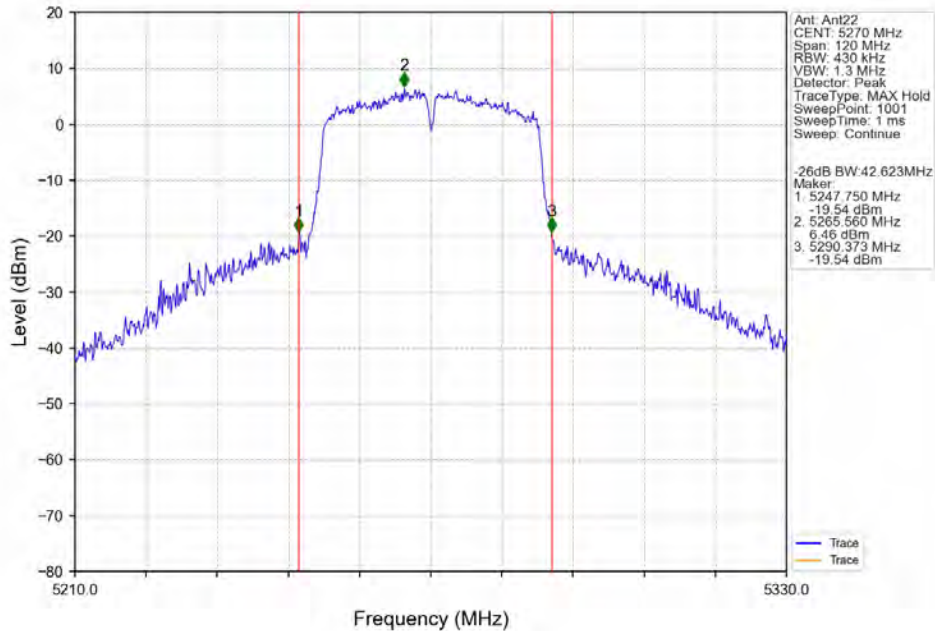
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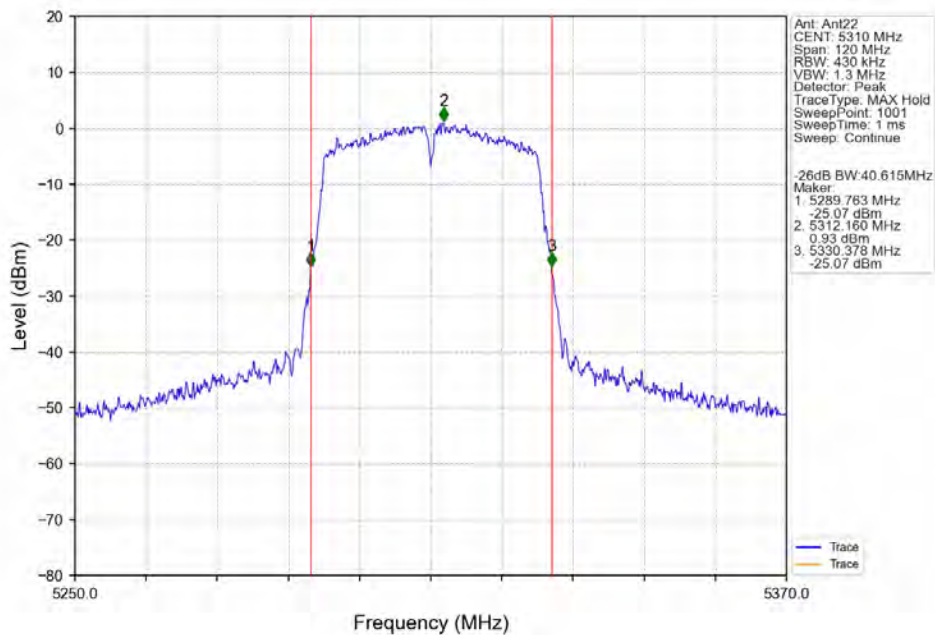
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802.11ac(VHT40)_LCH_5270MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant22_NTNV



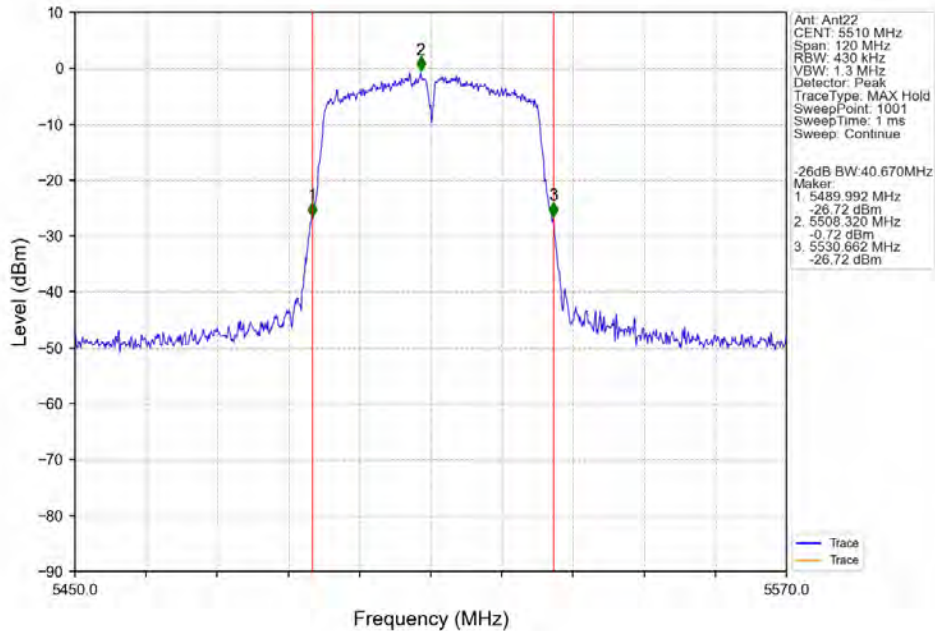
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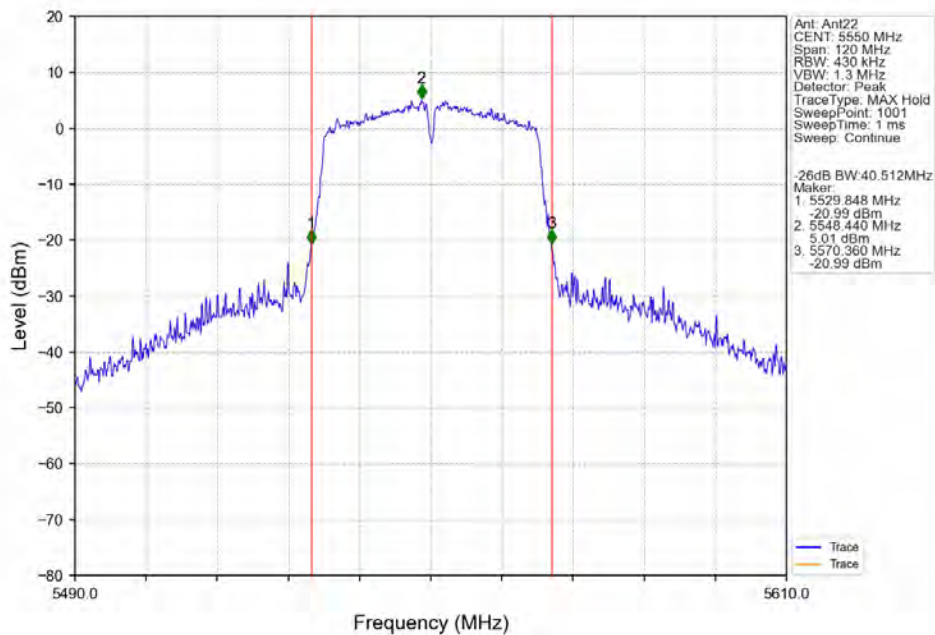
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802.11ac(VHT40)_LCH_5510MHz_Ant22_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant22_NTNV



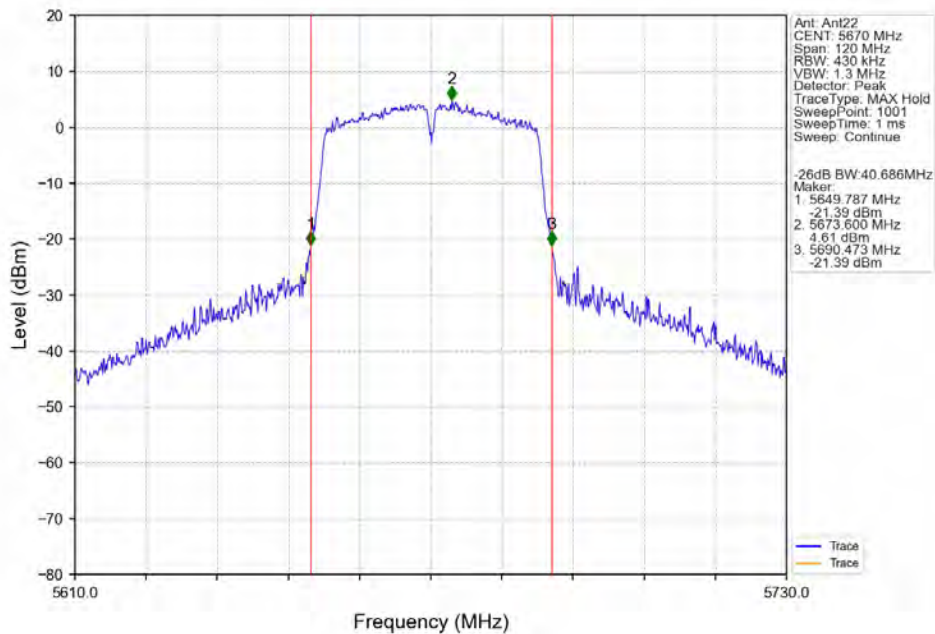
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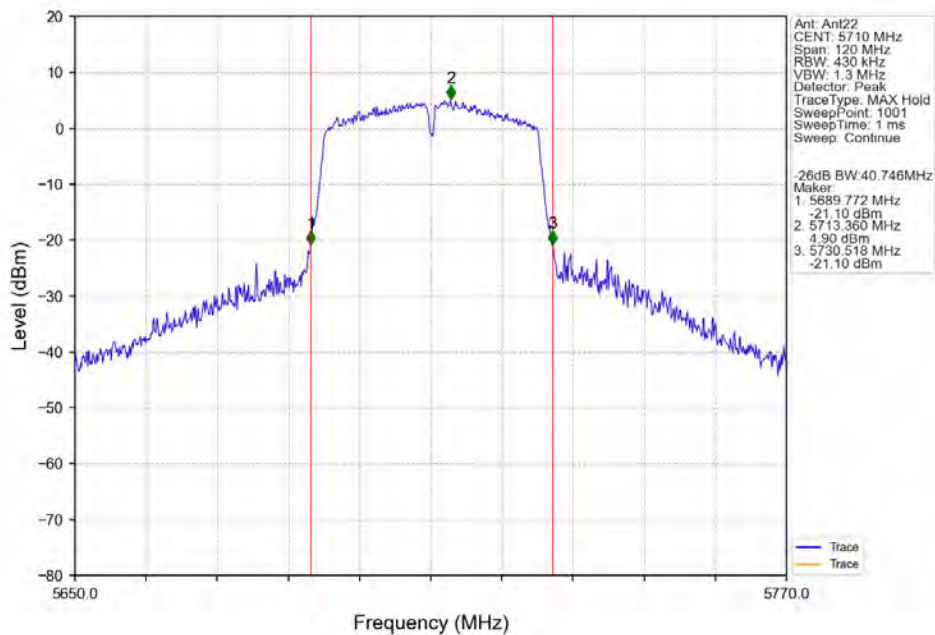
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802.11ac(VHT40)_HCH_5670MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5710MHz_Ant22_NTNV



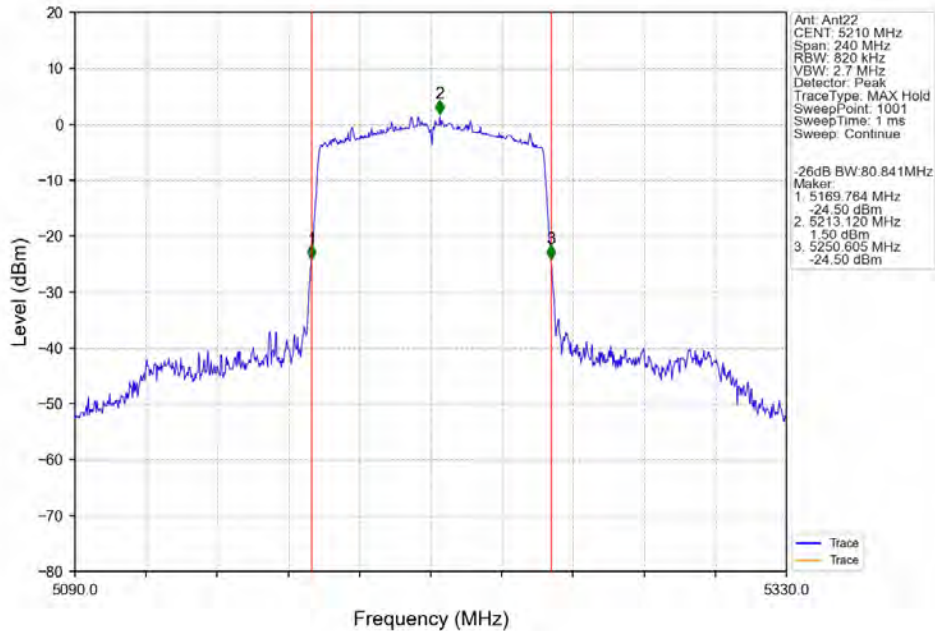
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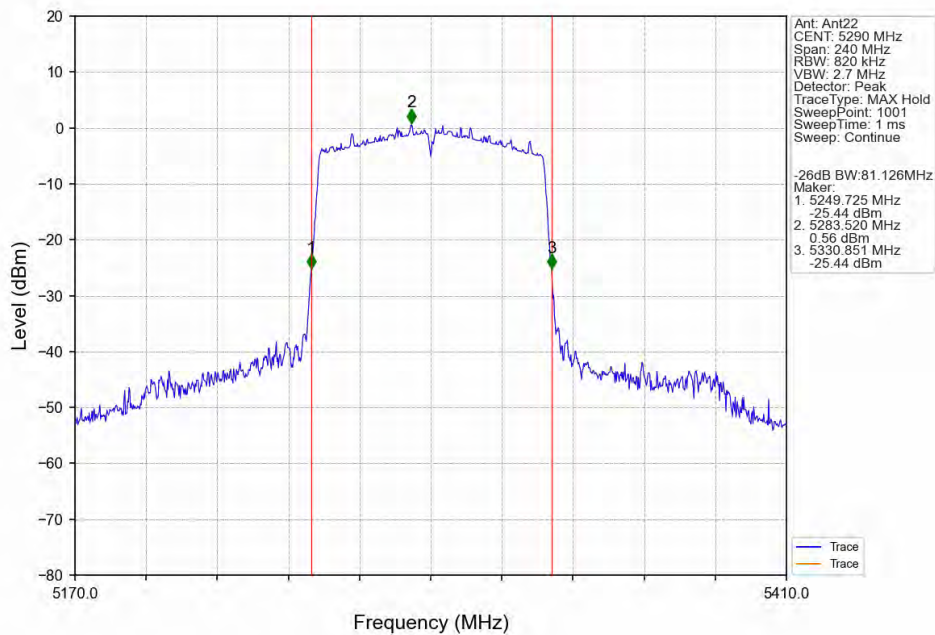
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802.11ac(VHT80)_MCH_5210MHz_Ant22_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant22_NTNV



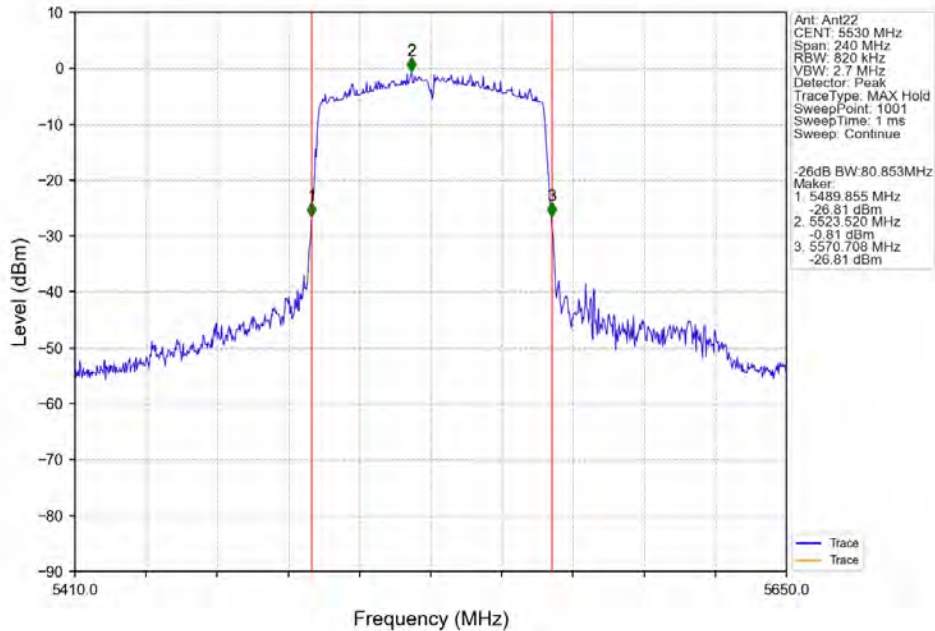
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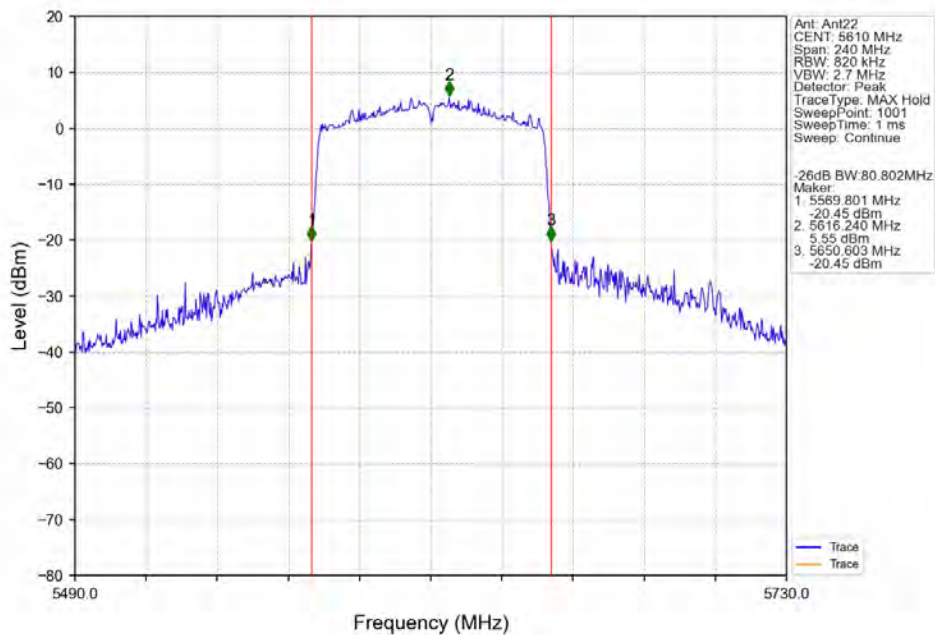
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802.11ac(VHT80)_LCH_5530MHz_Ant22_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant22_NTNV



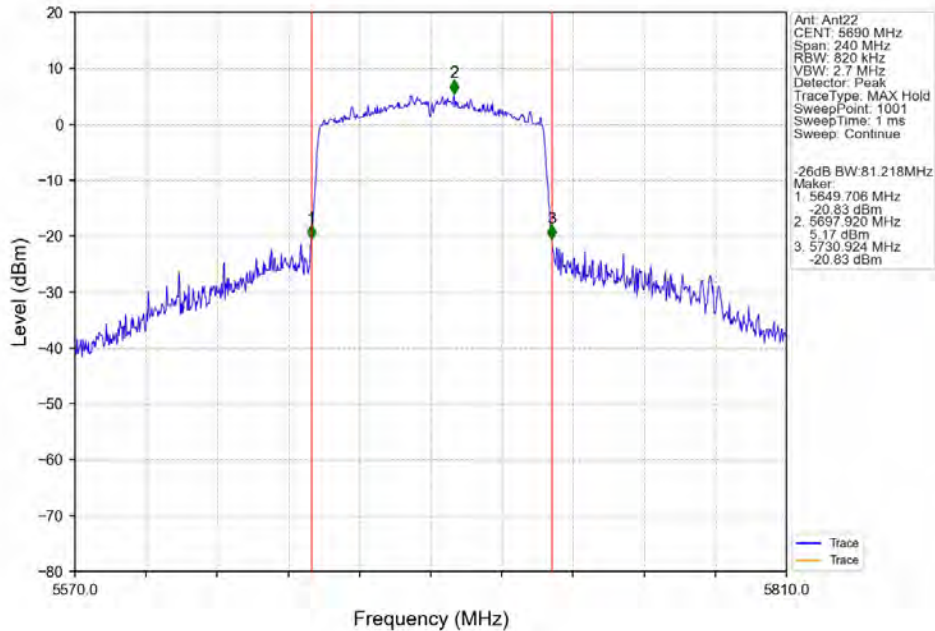
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802.11ac(VHT80)_HCH_5690MHz_Ant22_NTNV



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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
			ANT22	Limit	
802.11a	SISO	5180	14.00	<=23.98	Pass
		5200	16.20	<=23.98	Pass
		5240	16.39	<=23.98	Pass
		5260	15.69	<=23.98	Pass
		5300	15.60	<=23.98	Pass
		5320	13.02	<=23.98	Pass
		5500	9.10	<=23.96	Pass
		5580	14.31	<=23.98	Pass
		5700	11.16	<=23.98	Pass
		5745	15.35	<=30	Pass
		5785	15.57	<=30	Pass
		5825	15.48	<=30	Pass
		5720	14.41	<=23.98	Pass
802.11n (HT20)	SISO	5180	13.66	<=23.98	Pass
		5200	15.95	<=23.98	Pass
		5240	16.11	<=23.98	Pass
		5260	15.49	<=23.98	Pass
		5300	15.43	<=23.98	Pass
		5320	12.87	<=23.98	Pass
		5500	9.01	<=23.98	Pass
		5580	14.25	<=23.98	Pass
		5700	11.12	<=23.98	Pass
		5745	15.30	<=30	Pass
		5785	15.48	<=30	Pass
		5825	15.38	<=30	Pass
		5720	14.20	<=23.98	Pass
802.11n (HT40)	SISO	5190	11.82	<=23.98	Pass
		5230	16.03	<=23.98	Pass
		5270	15.46	<=23.98	Pass
		5310	10.45	<=23.98	Pass



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SZEMC-TRF-01 Rev. A/1

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		5510	8.56	<=23.98	Pass
		5550	14.28	<=23.98	Pass
		5670	13.95	<=23.98	Pass
		5755	15.48	<=30	Pass
		5795	15.61	<=30	Pass
		5710	14.30	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	13.59	<=23.98	Pass
		5200	15.93	<=23.98	Pass
		5240	16.05	<=23.98	Pass
		5260	15.19	<=23.98	Pass
		5300	15.10	<=23.98	Pass
		5320	12.56	<=23.98	Pass
		5500	13.67	<=23.98	Pass
		5580	13.63	<=23.98	Pass
		5700	10.60	<=23.98	Pass
		5745	15.05	<=30	Pass
		5785	15.27	<=30	Pass
		5825	15.18	<=30	Pass
		5720	13.92	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	11.42	<=23.98	Pass
		5230	15.59	<=23.98	Pass
		5270	15.20	<=23.98	Pass
		5310	10.11	<=23.98	Pass
		5510	8.22	<=23.98	Pass
		5550	13.81	<=23.98	Pass
		5670	13.53	<=23.98	Pass
		5755	15.25	<=30	Pass
		5795	15.34	<=30	Pass
		5710	14.00	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	10.31	<=23.98	Pass
		5290	9.17	<=23.98	Pass
		5530	8.30	<=23.98	Pass
		5610	14.30	<=23.98	Pass
		5775	13.17	<=30	Pass
		5690	14.07	<=23.98	Pass

Note1: Antenna Gain: Ant22: 0.94dBi;



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT22	Limit	
802.11a	SISO	5180	3.64	<=11	Pass
		5200	6.04	<=11	Pass
		5240	6.13	<=11	Pass
		5260	5.47	<=11	Pass
		5300	5.31	<=11	Pass
		5320	2.76	<=11	Pass
		5500	-1.11	<=11	Pass
		5580	4.09	<=11	Pass
		5700	0.86	<=11	Pass
		5720	4.32	<=11	Pass
802.11n (HT20)	SISO	5180	3.27	<=11	Pass
		5200	5.45	<=11	Pass
		5240	5.77	<=11	Pass
		5260	5.04	<=11	Pass
		5300	5.09	<=11	Pass
		5320	2.36	<=11	Pass
		5500	-1.28	<=11	Pass
		5580	3.77	<=11	Pass
		5700	0.68	<=11	Pass
		5720	3.73	<=11	Pass
802.11n (HT40)	SISO	5190	-1.49	<=11	Pass
		5230	2.73	<=11	Pass
		5270	2.14	<=11	Pass
		5310	-2.87	<=11	Pass
		5510	-5.00	<=11	Pass
		5550	0.92	<=11	Pass
		5670	0.62	<=11	Pass
		5710	0.96	<=11	Pass
802.11ac (VHT20)	SISO	5180	3.07	<=11	Pass
		5200	5.60	<=11	Pass
		5240	5.69	<=11	Pass
		5260	4.73	<=11	Pass



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SZEMC-TRF-01 Rev. A/1

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		5300	4.56	<=11	Pass
		5320	2.16	<=11	Pass
		5500	3.32	<=11	Pass
		5580	3.13	<=11	Pass
		5700	0.11	<=11	Pass
		5720	3.42	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.99	<=11	Pass
		5230	2.21	<=11	Pass
		5270	1.86	<=11	Pass
		5310	-3.27	<=11	Pass
		5510	-5.12	<=11	Pass
		5550	0.59	<=11	Pass
		5670	0.14	<=11	Pass
		5710	0.75	<=11	Pass
802.11ac (VHT80)	SISO	5210	-6.23	<=11	Pass
		5290	-7.55	<=11	Pass
		5530	-8.31	<=11	Pass
		5610	-2.16	<=11	Pass
		5690	-2.46	<=11	Pass

Note1: Antenna Gain: Ant22: 0.94dBi;



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4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT22	Limit	
802.11a	SISO	5745	2.18	<=30	Pass
		5785	2.38	<=30	Pass
		5825	2.49	<=30	Pass
		5720	-0.66	<=30	Pass
802.11n (HT20)	SISO	5745	1.85	<=30	Pass
		5785	2.30	<=30	Pass
		5825	1.98	<=30	Pass
		5720	-1.06	<=30	Pass
802.11n (HT40)	SISO	5755	-0.84	<=30	Pass
		5795	-0.65	<=30	Pass
		5710	-5.37	<=30	Pass
802.11ac (VHT20)	SISO	5745	1.56	<=30	Pass
		5785	1.95	<=30	Pass
		5825	1.77	<=30	Pass
		5720	-1.26	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.24	<=30	Pass
		5795	-1.05	<=30	Pass
		5710	-5.94	<=30	Pass
802.11ac (VHT80)	SISO	5775	-6.24	<=30	Pass
		5690	-8.90	<=30	Pass

Note1: Antenna Gain: Ant22: 0.47dBi;



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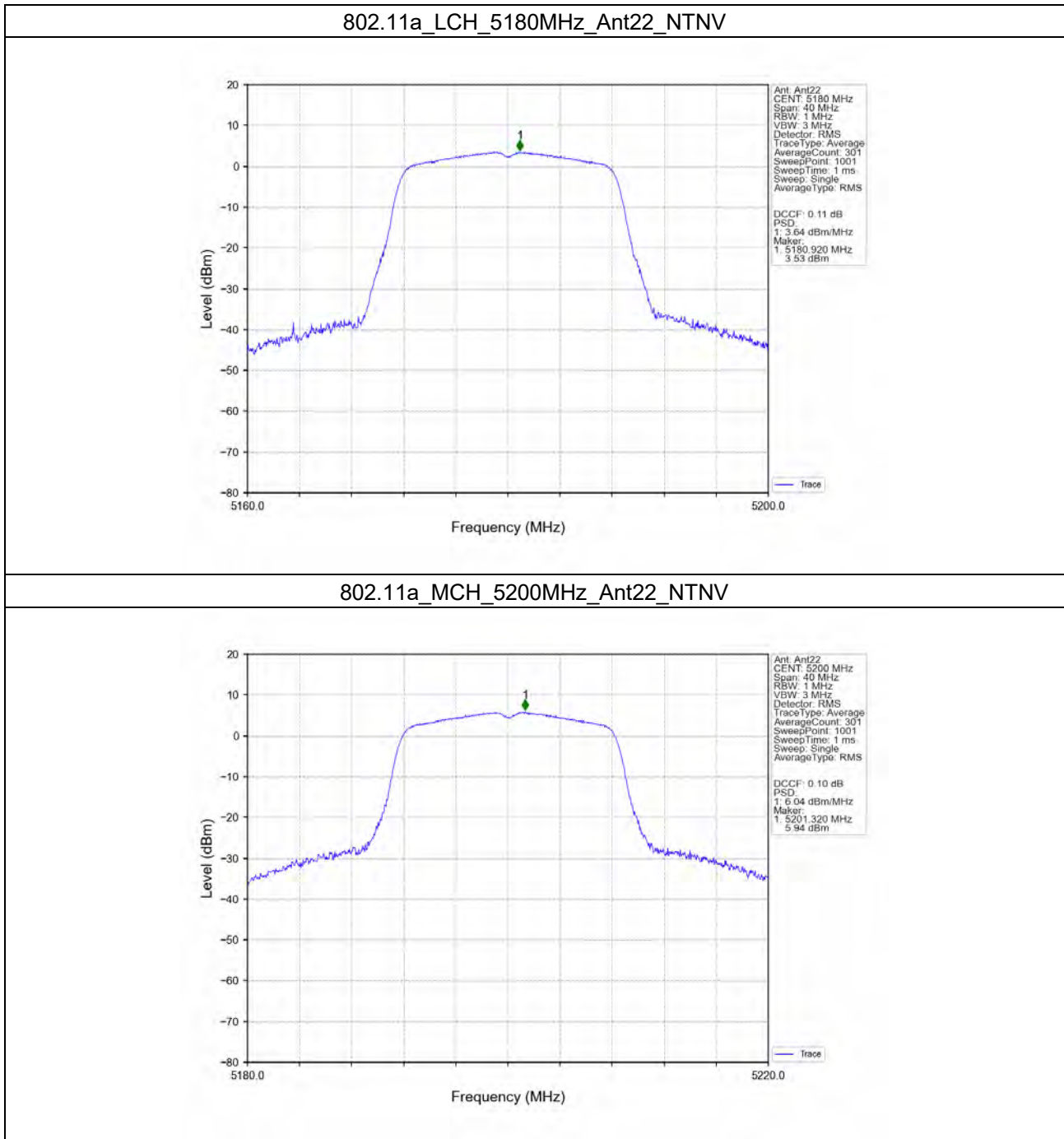
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4.2 Test Graph

4.2.1 PSD



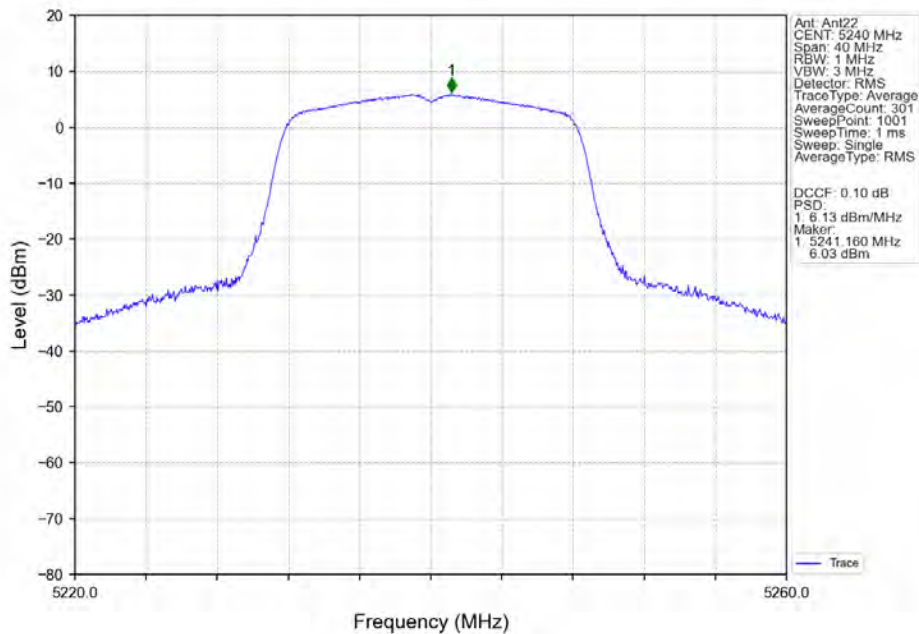
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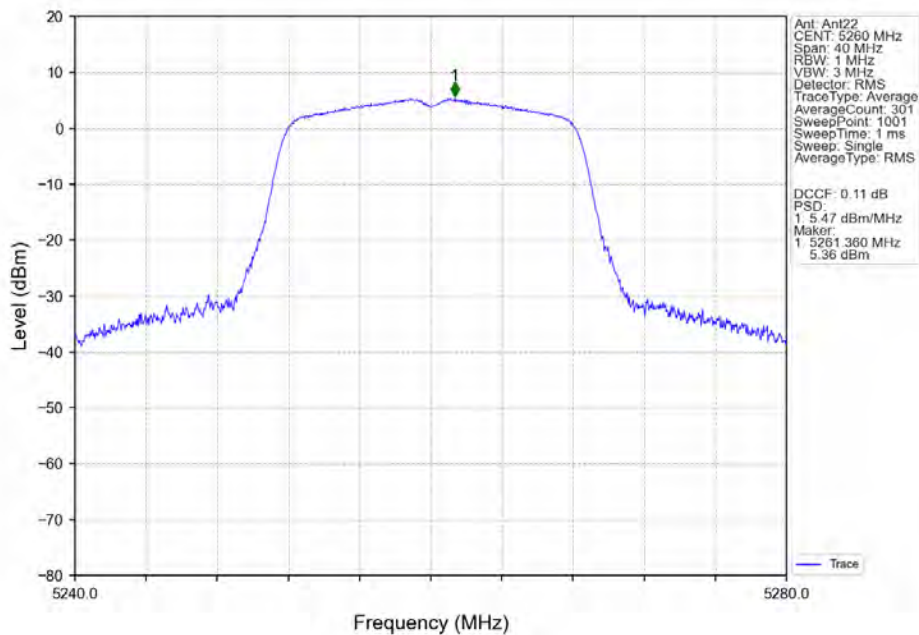
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802.11a_HCH_5240MHz_Ant22_NTNV



802.11a_LCH_5260MHz_Ant22_NTNV



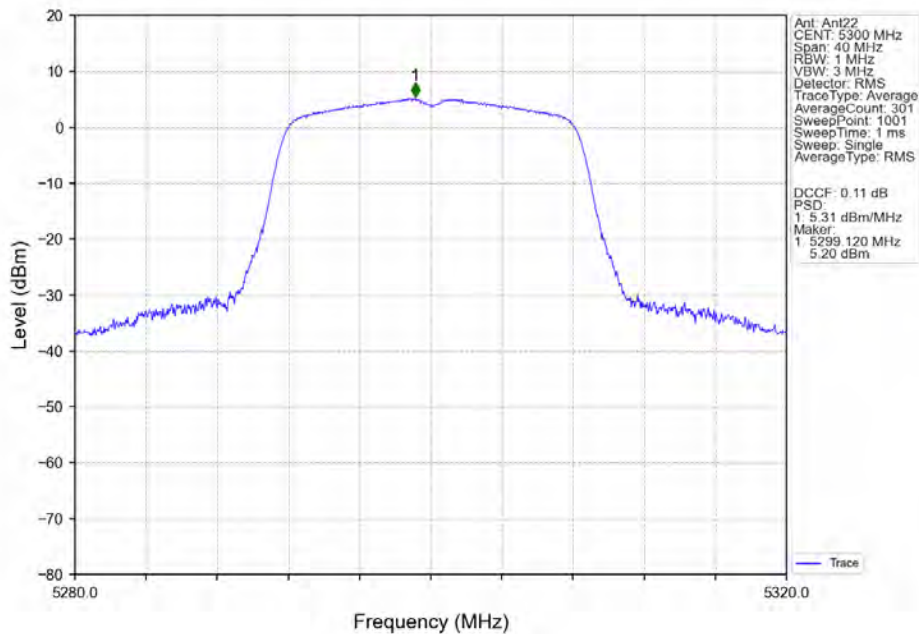
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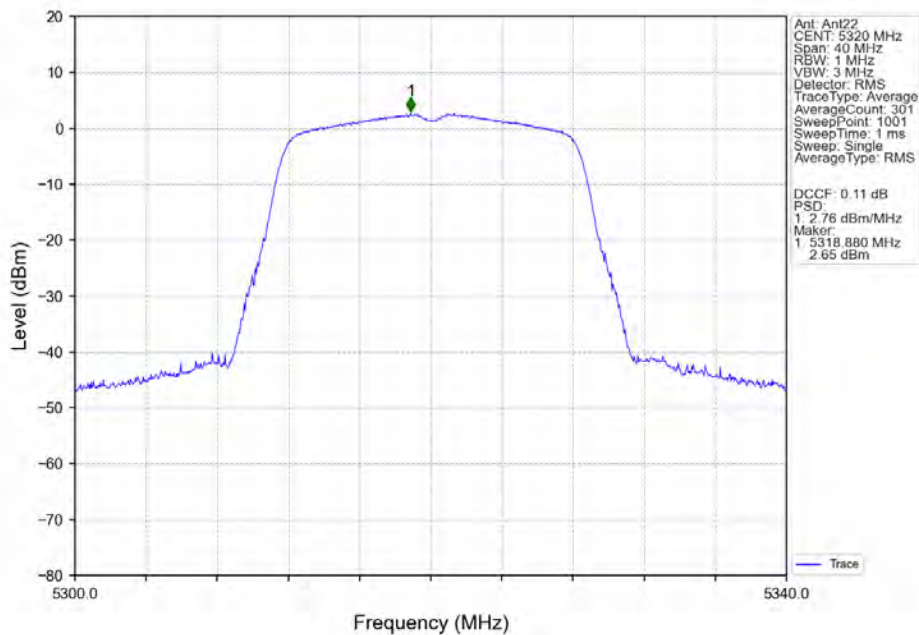
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802.11a_MCH_5300MHz_Ant22_NTNV



802.11a_HCH_5320MHz_Ant22_NTNV



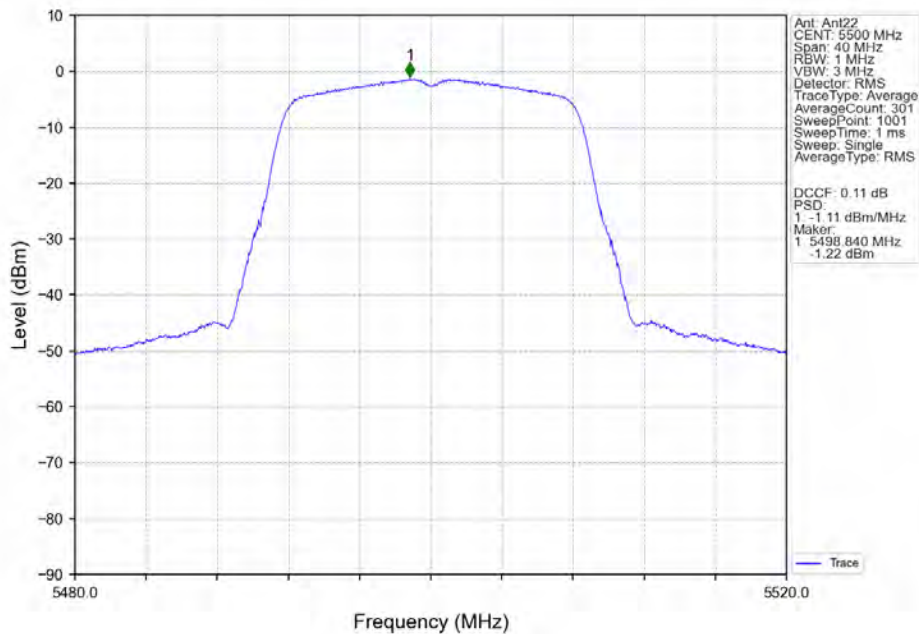
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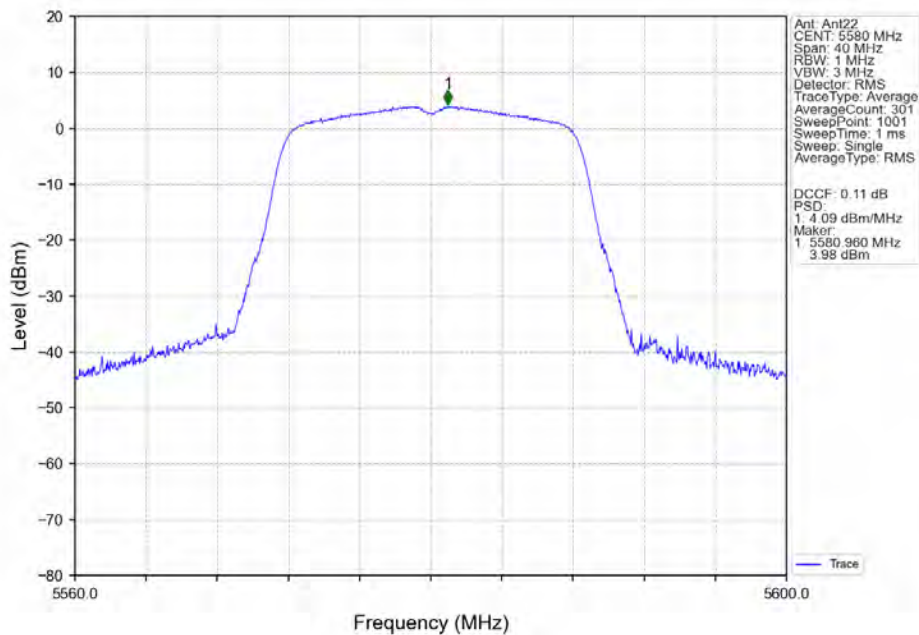
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802.11a_LCH_5500MHz_Ant22_NTNV



802.11a_MCH_5580MHz_Ant22_NTNV



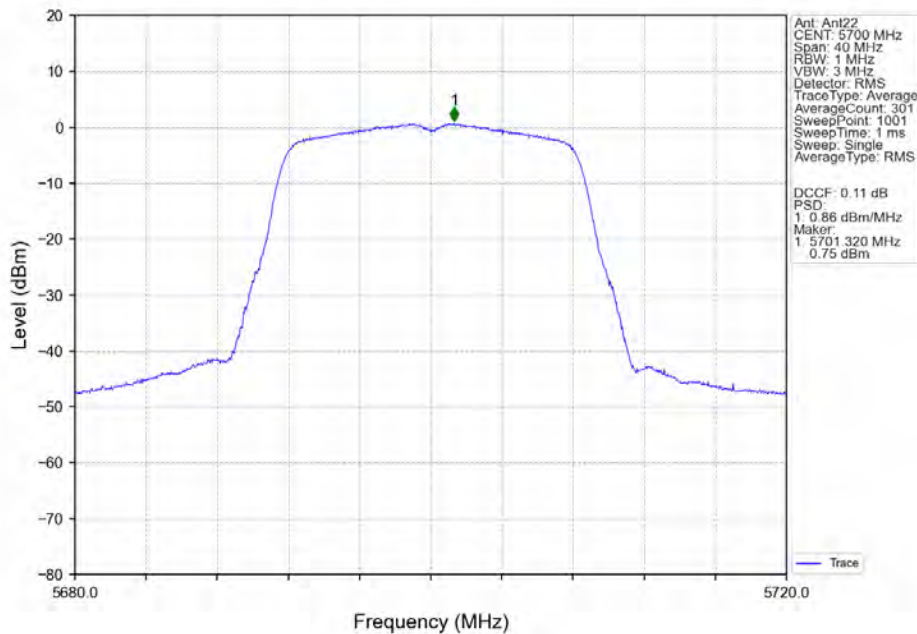
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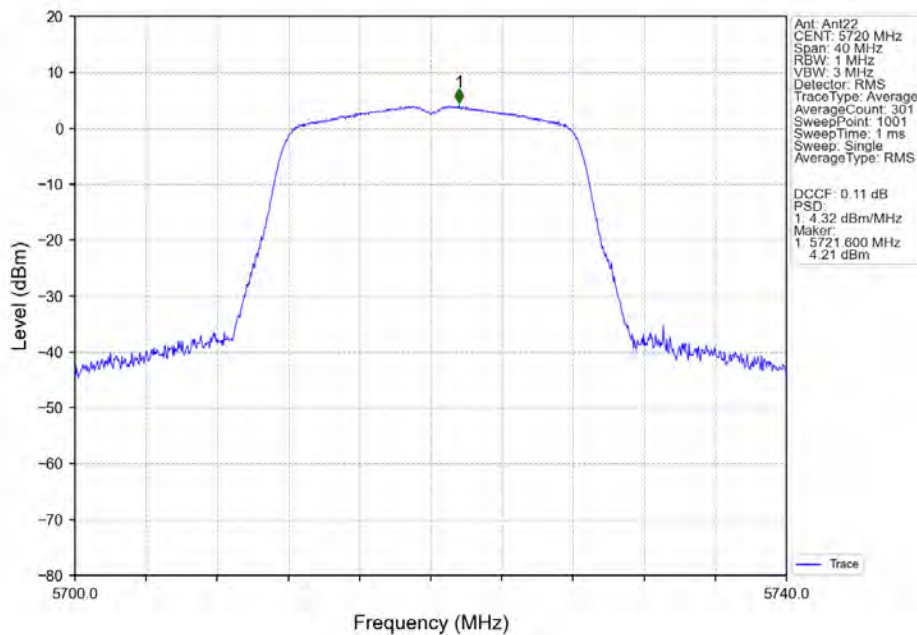
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802.11a_HCH_5700MHz_Ant22_NTNV



802.11a_HCH_5720MHz_Ant22_NTNV



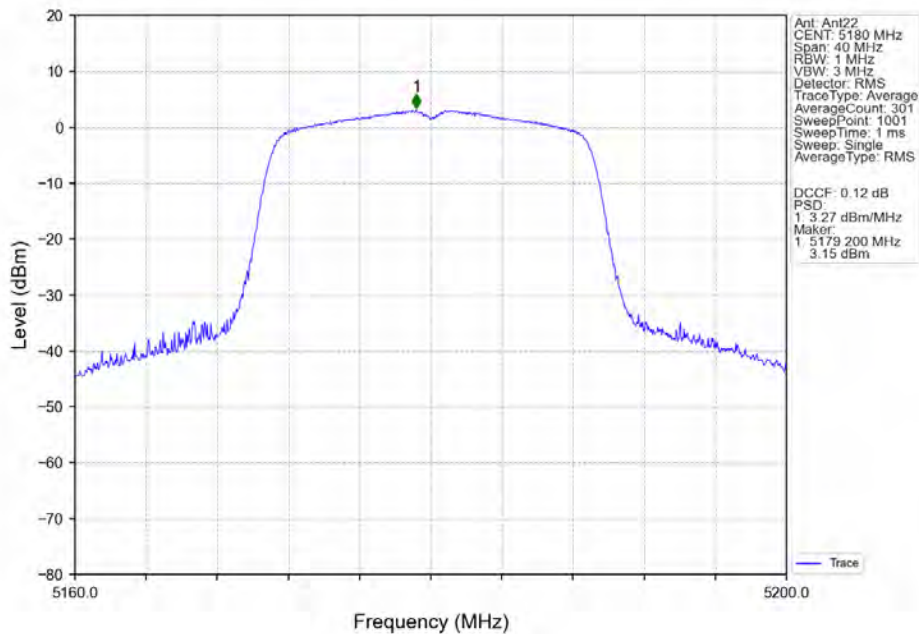
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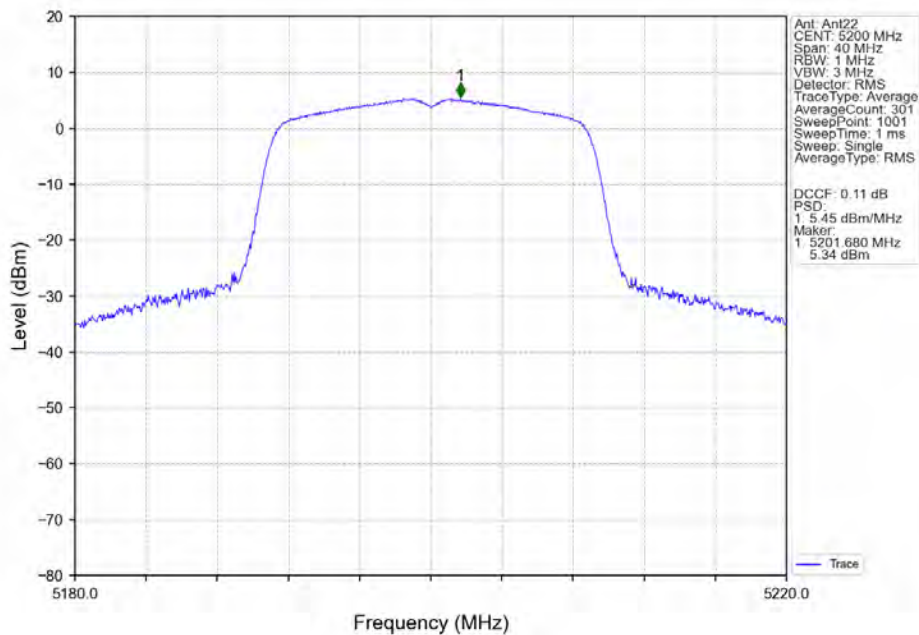
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802.11n(HT20)_MCH_5200MHz_Ant22_NTNV



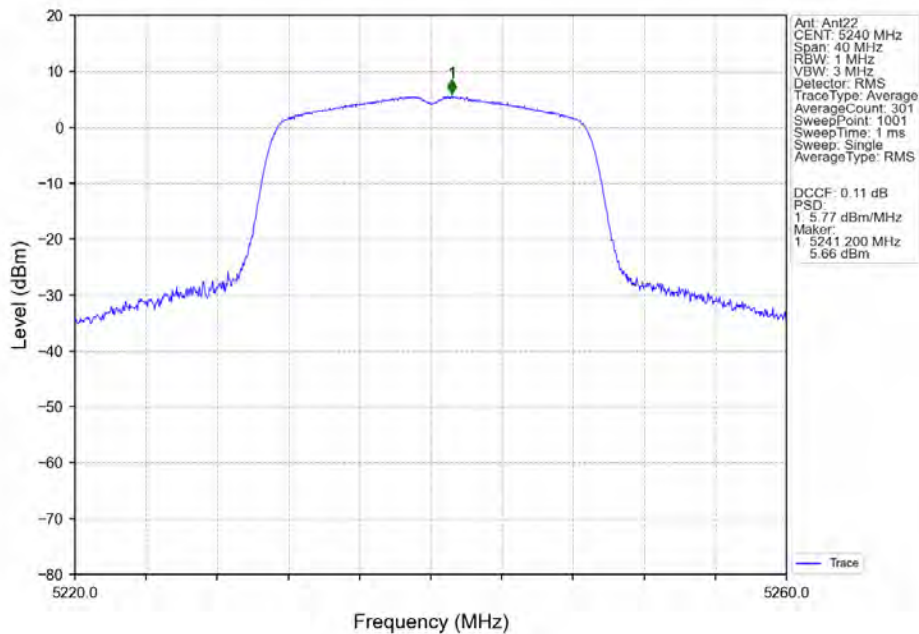
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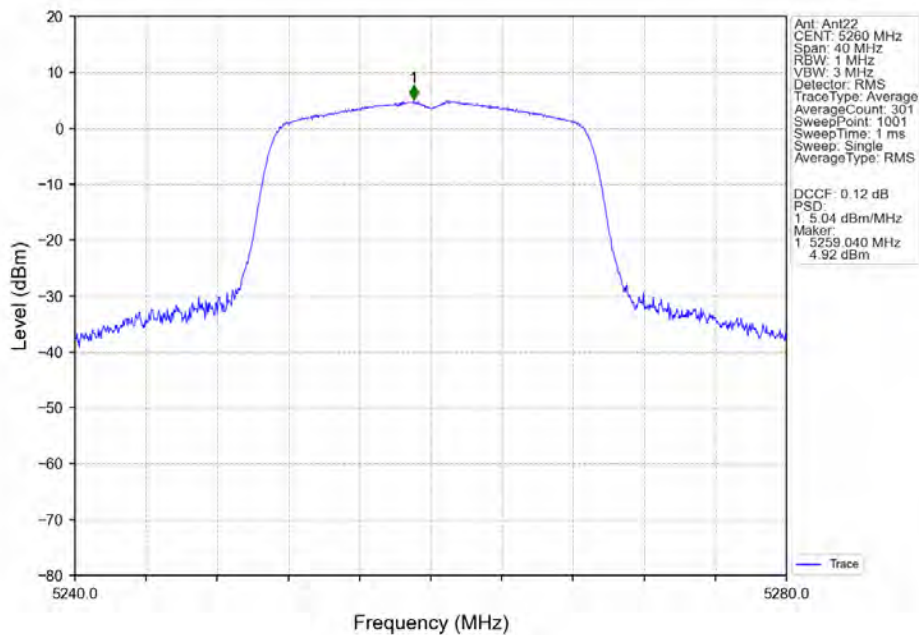
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802.11n(HT20)_LCH_5260MHz_Ant22_NTNV



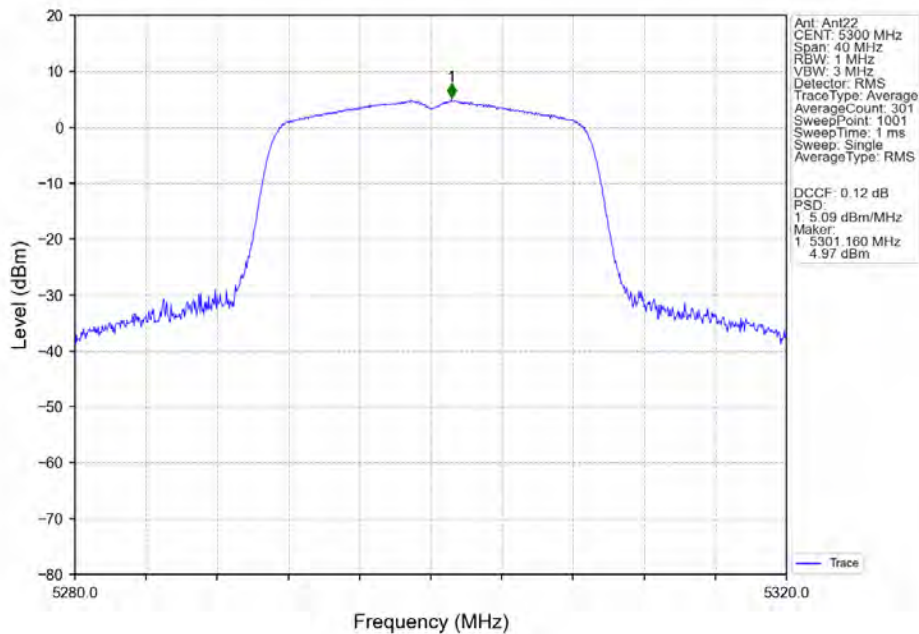
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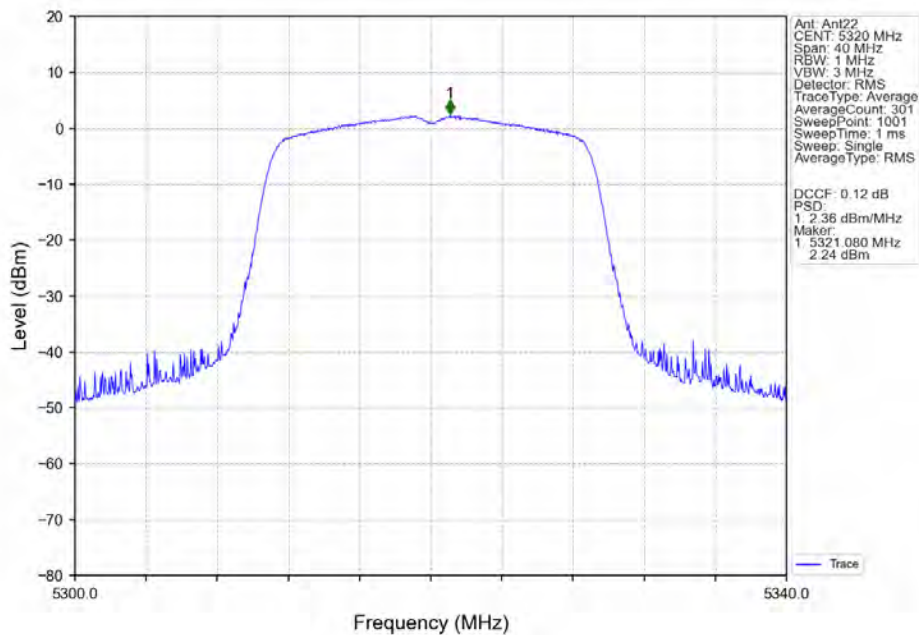
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802.11n(HT20)_HCH_5320MHz_Ant22_NTNV



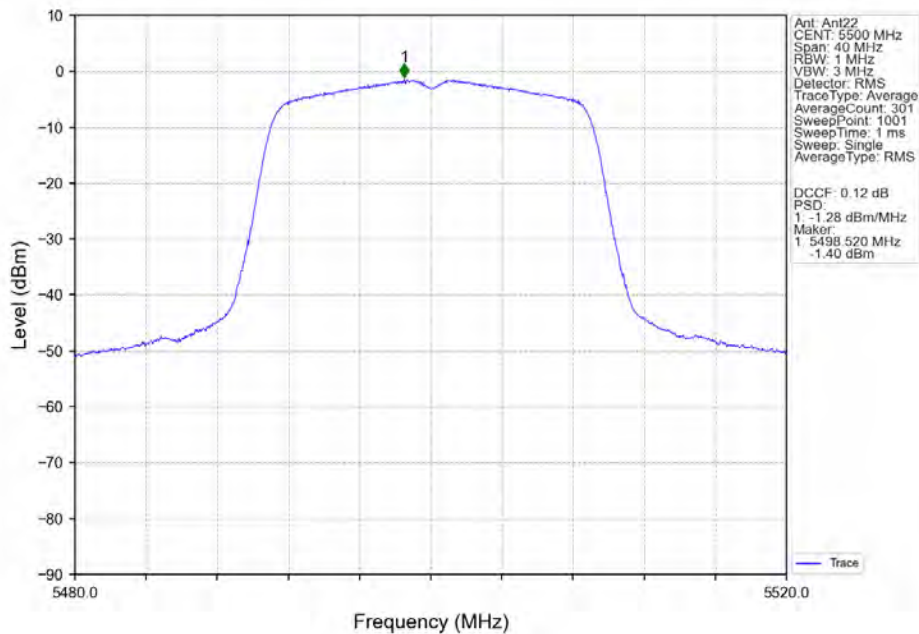
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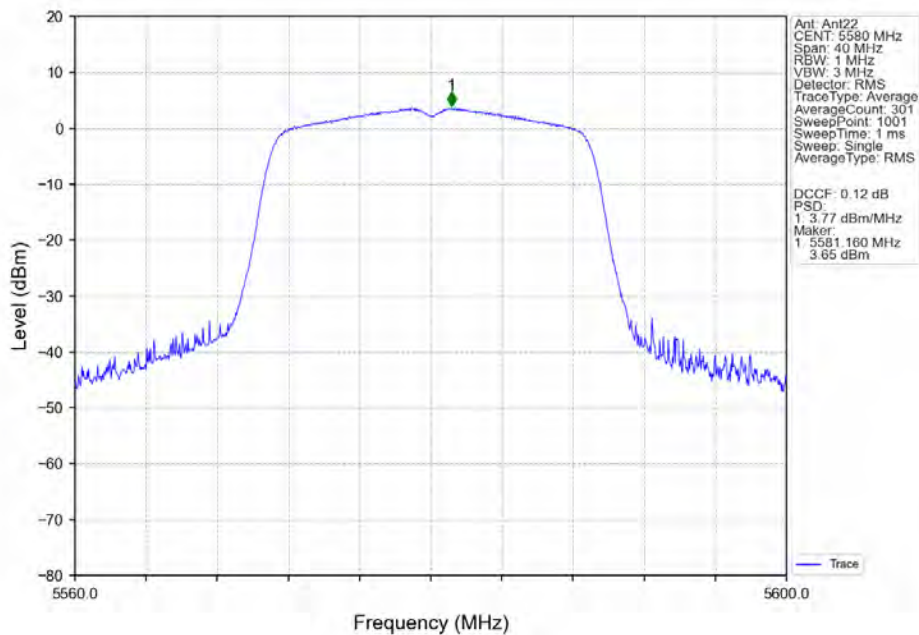
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802.11n(HT20)_LCH_5500MHz_Ant22_NTNV



802.11n(HT20)_MCH_5580MHz_Ant22_NTNV



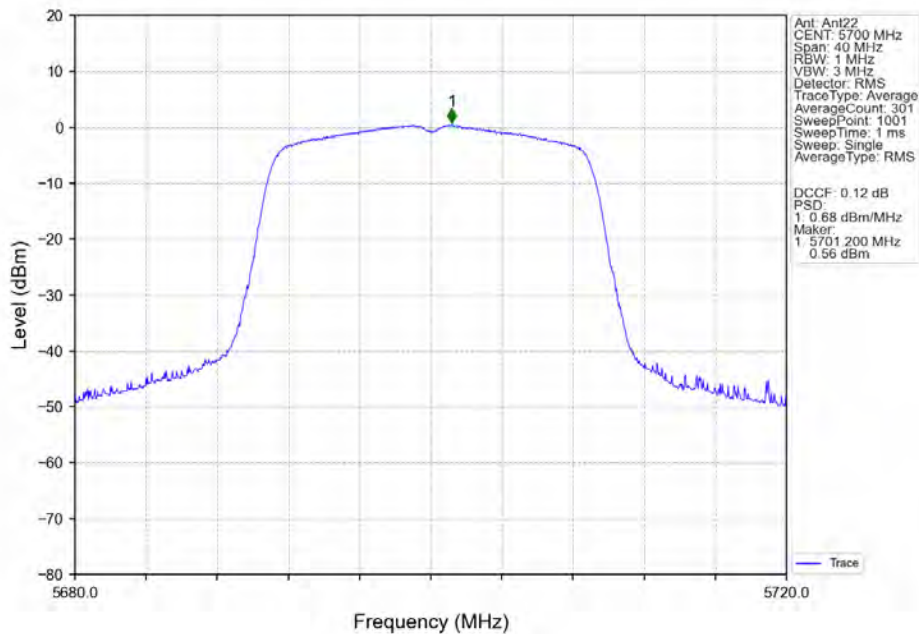
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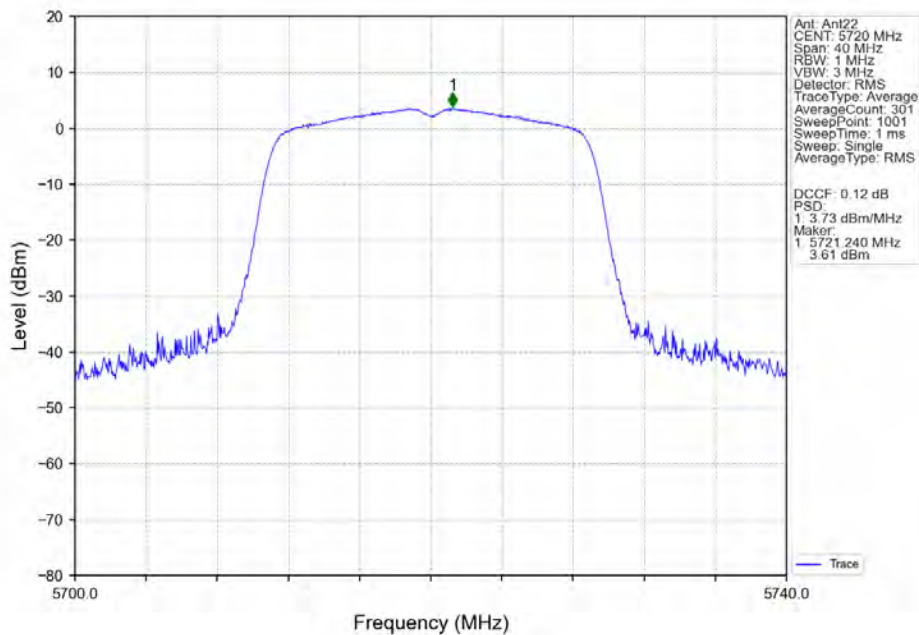
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802.11n(HT20)_HCH_5720MHz_Ant22_NTNV



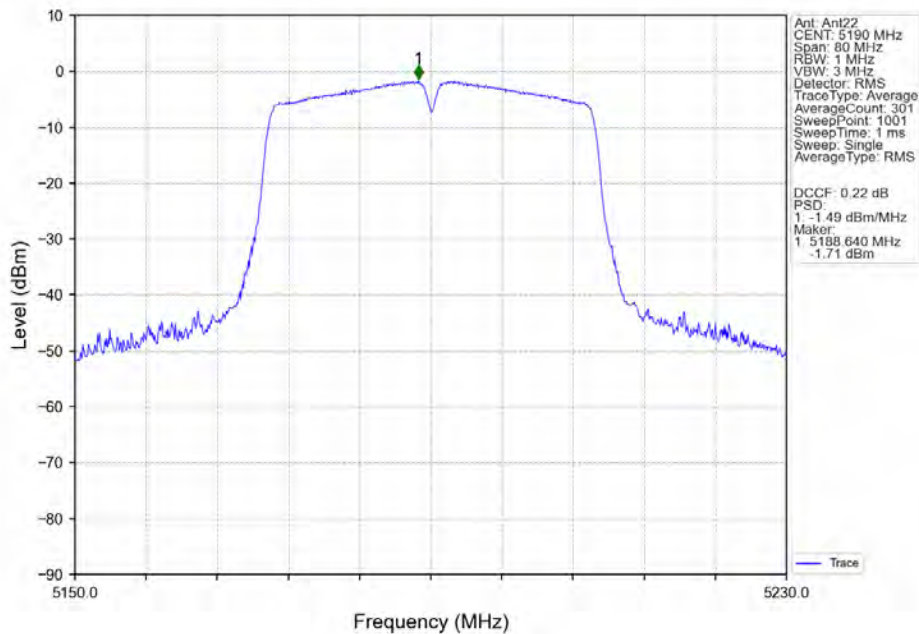
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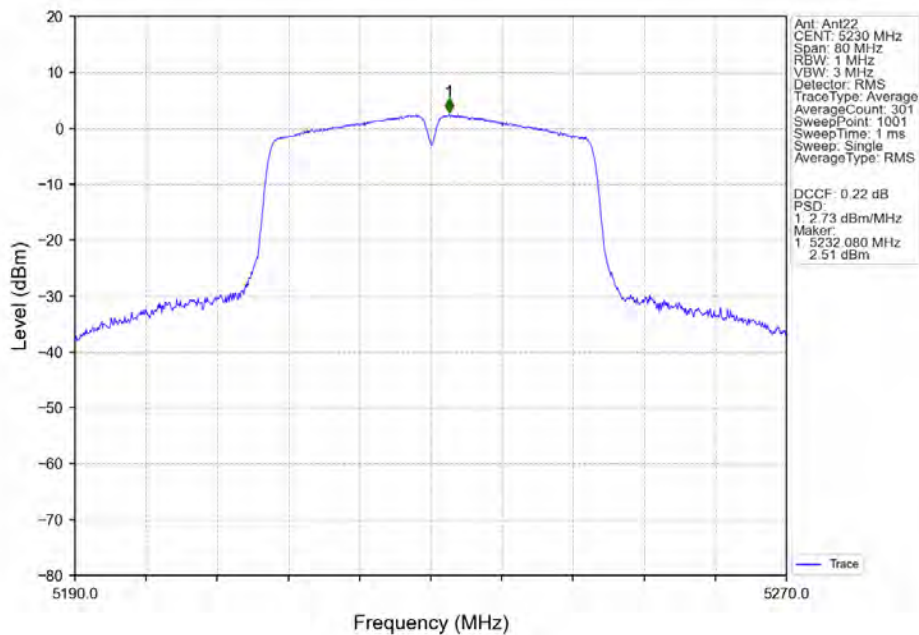
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802.11n(HT40)_LCH_5190MHz_Ant22_NTNV



802.11n(HT40)_HCH_5230MHz_Ant22_NTNV



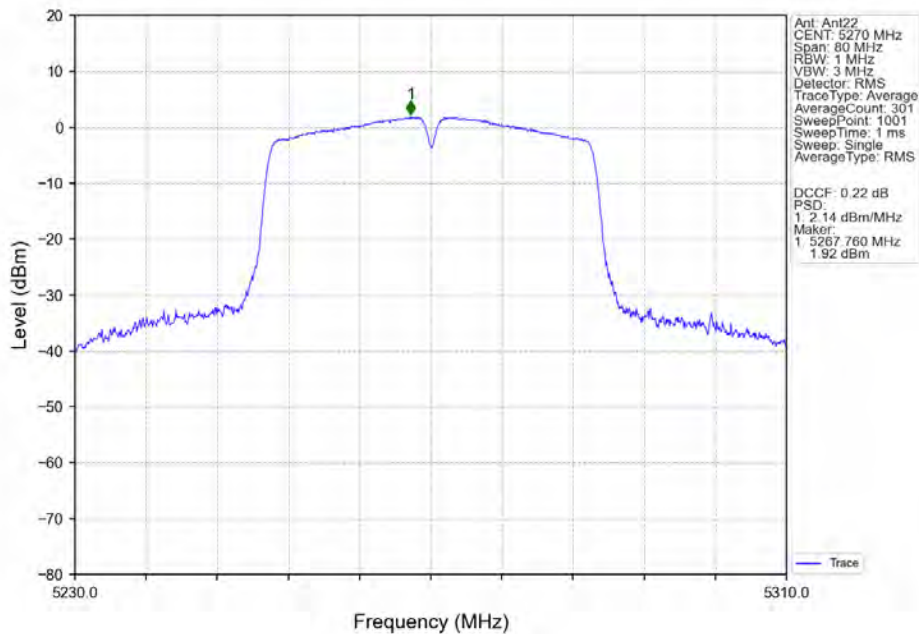
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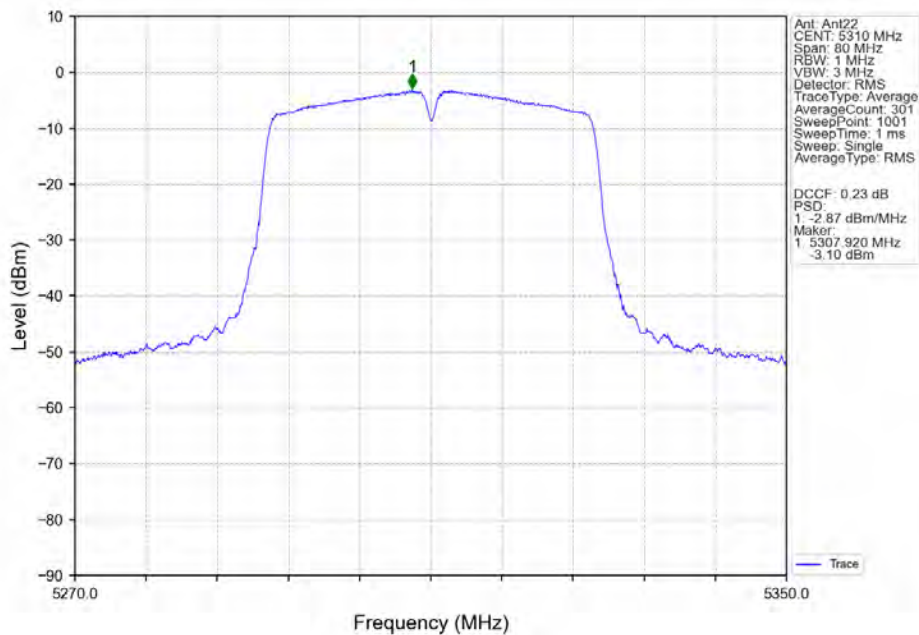
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802.11n(HT40)_LCH_5270MHz_Ant22_NTNV



802.11n(HT40)_HCH_5310MHz_Ant22_NTNV



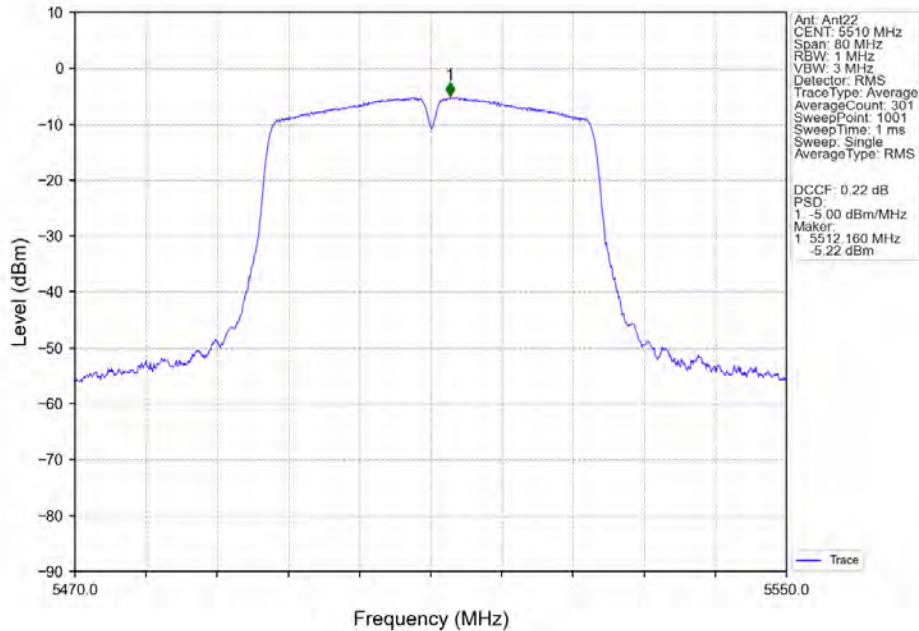
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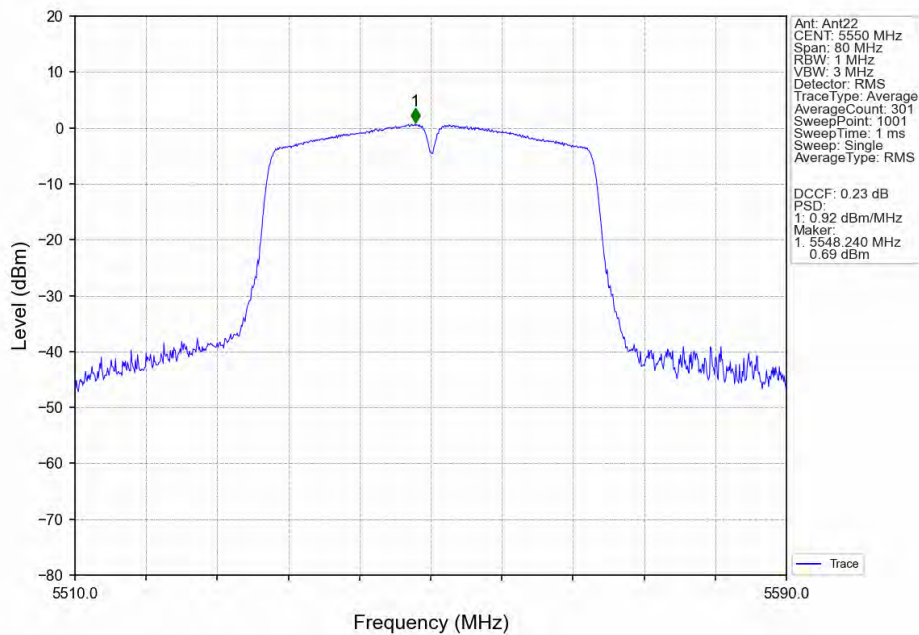
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802.11n(HT40)_LCH_5510MHz_Ant22_NTNV



802.11n(HT40)_MCH_5550MHz_Ant22_NTNV



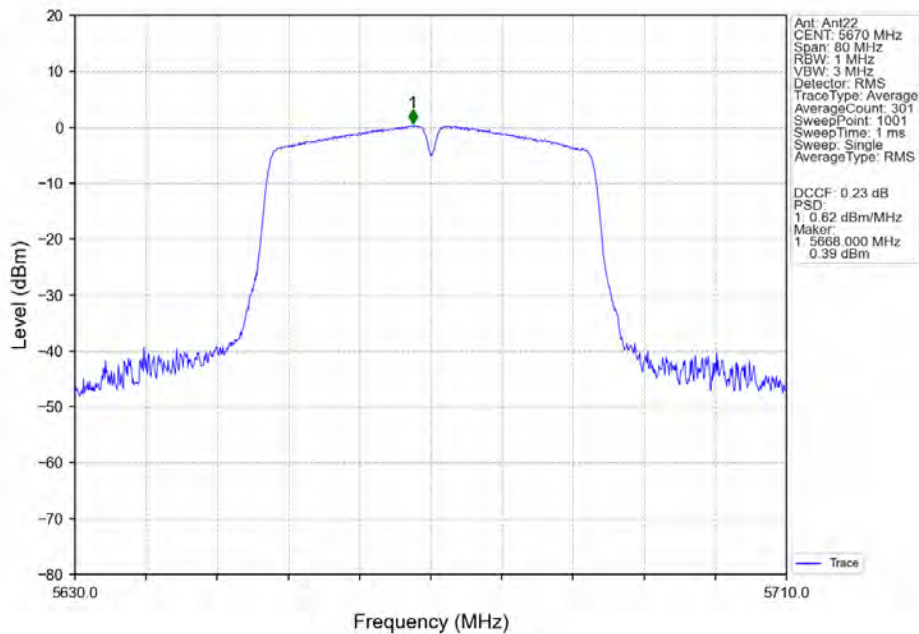
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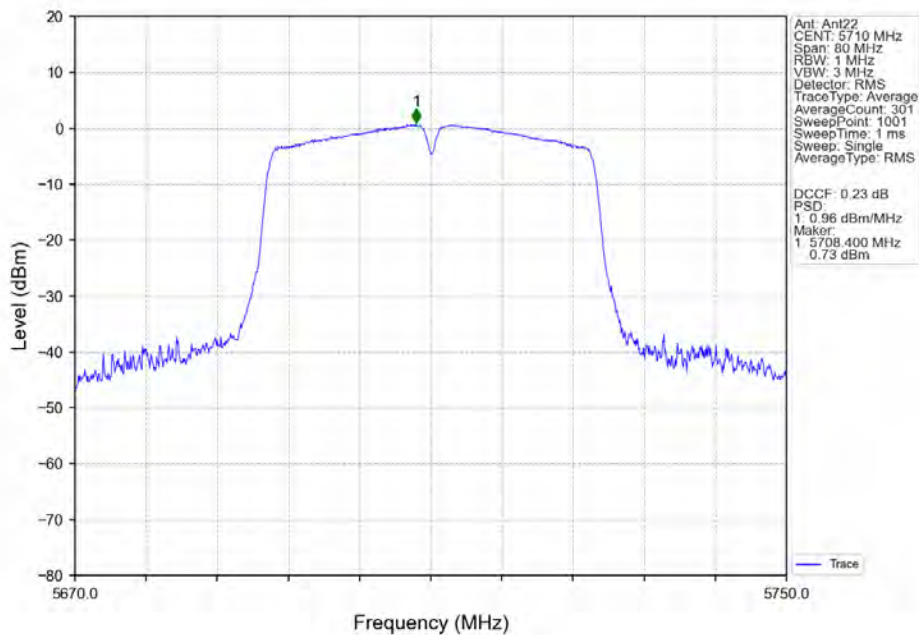
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802.11n(HT40)_HCH_5670MHz_Ant22_NTNV



802.11n(HT40)_HCH_5710MHz_Ant22_NTNV



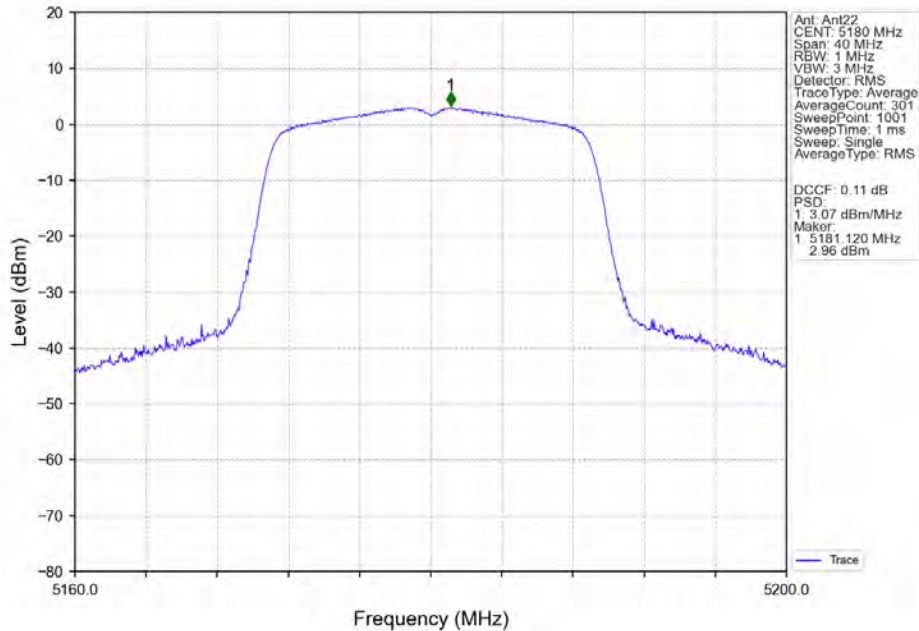
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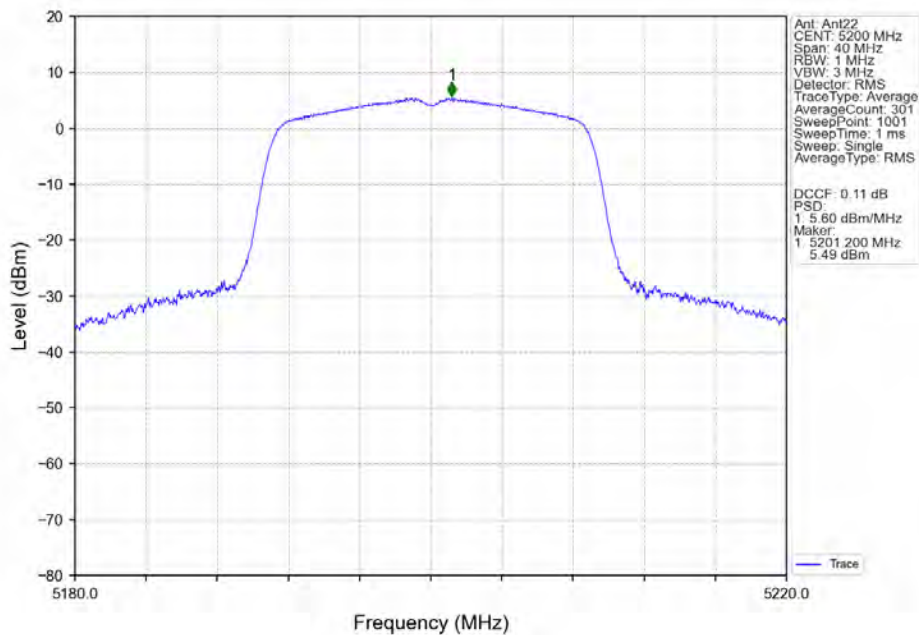
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802.11ac(VHT20)_LCH_5180MHz_Ant22_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant22_NTNV



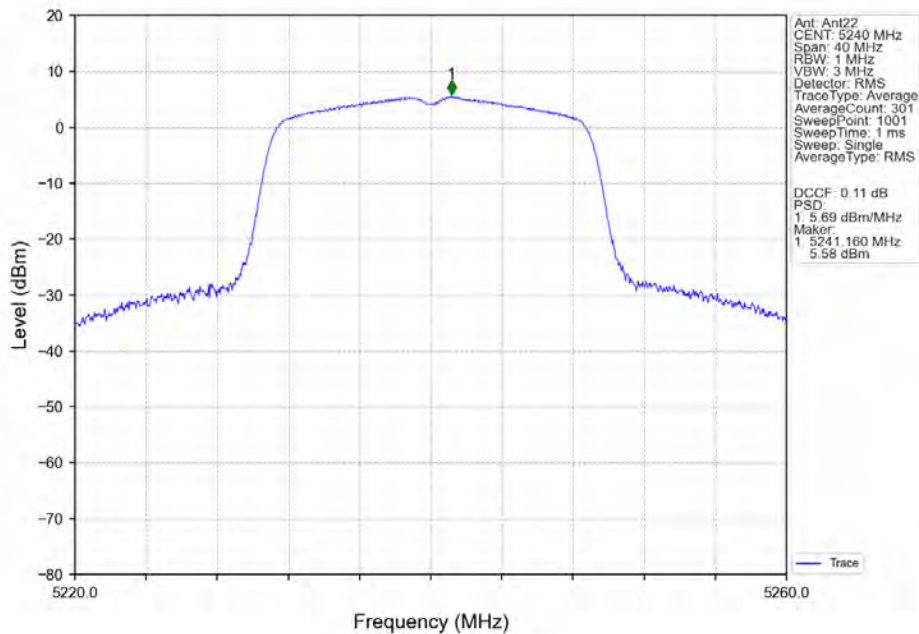
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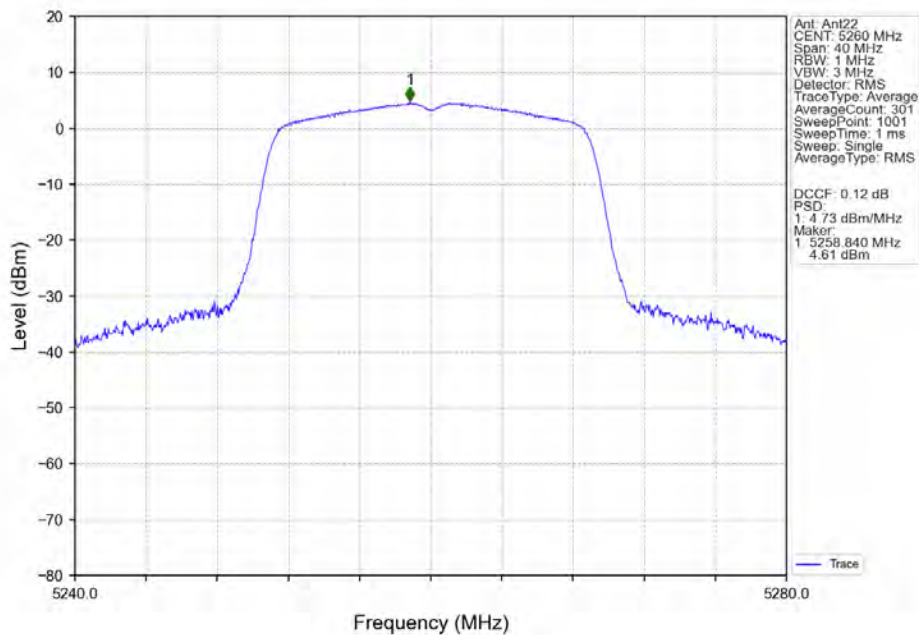
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802.11ac(VHT20)_HCH_5240MHz_Ant22_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant22_NTNV



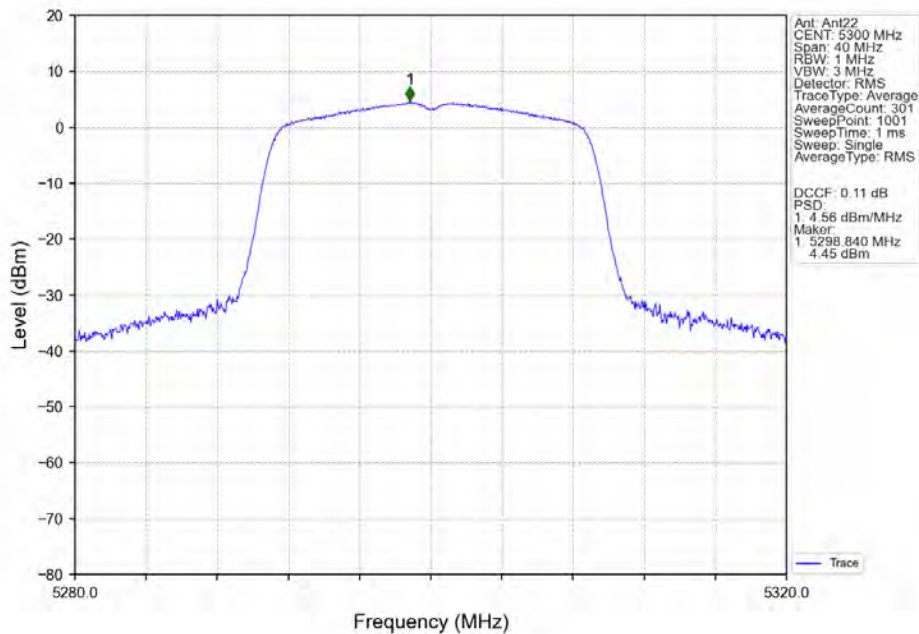
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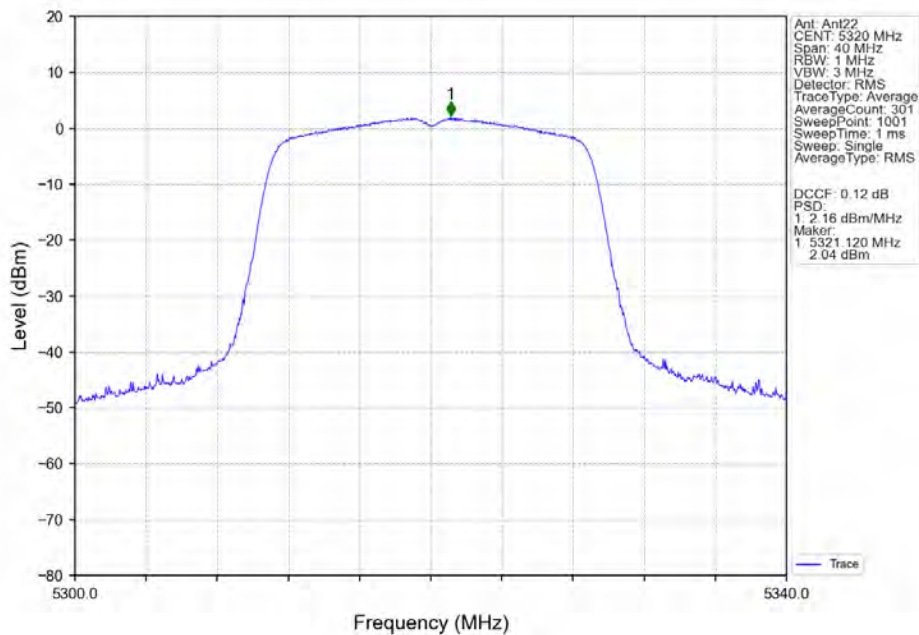
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802.11ac(VHT20)_MCH_5300MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant22_NTNV



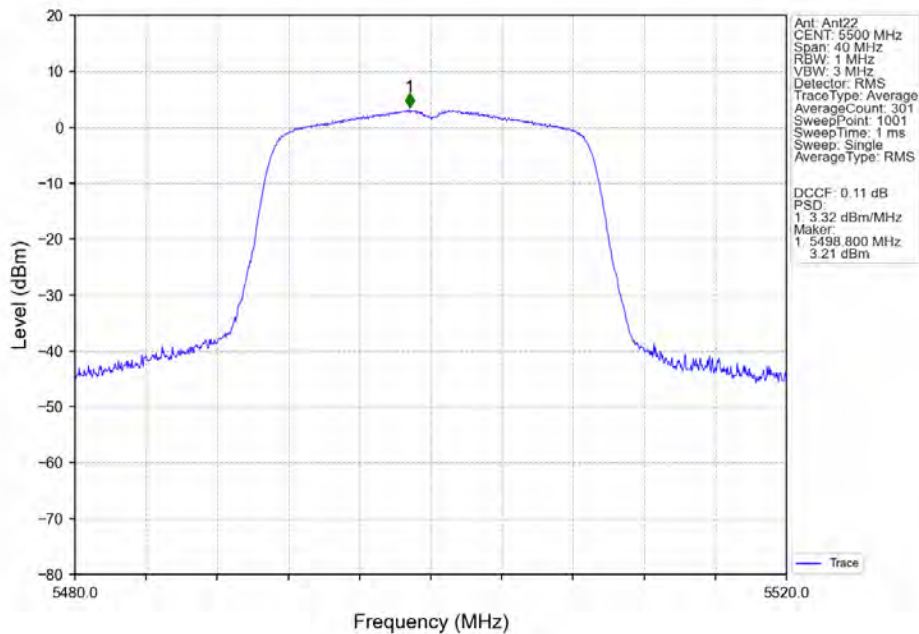
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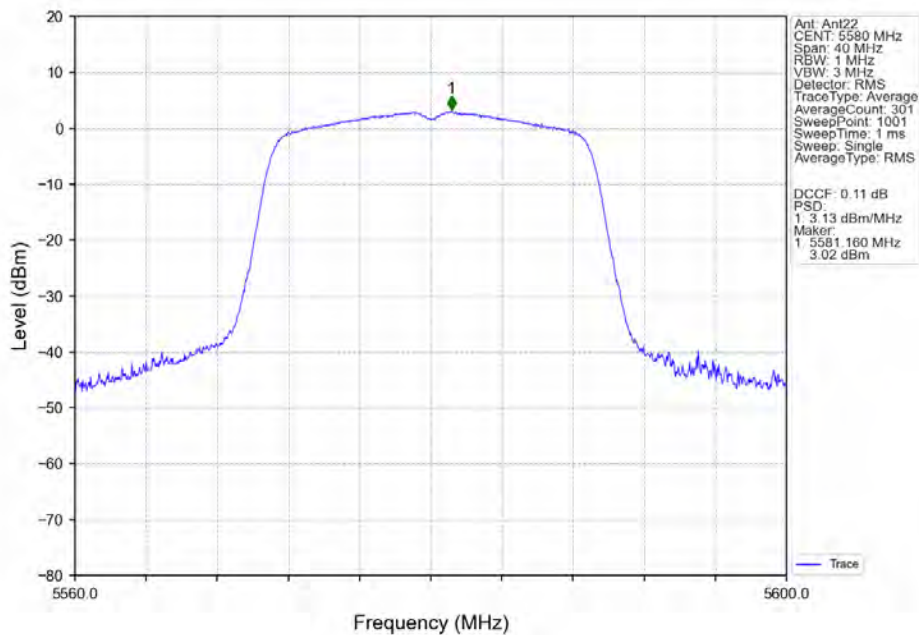
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802.11ac(VHT20)_LCH_5500MHz_Ant22_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant22_NTNV



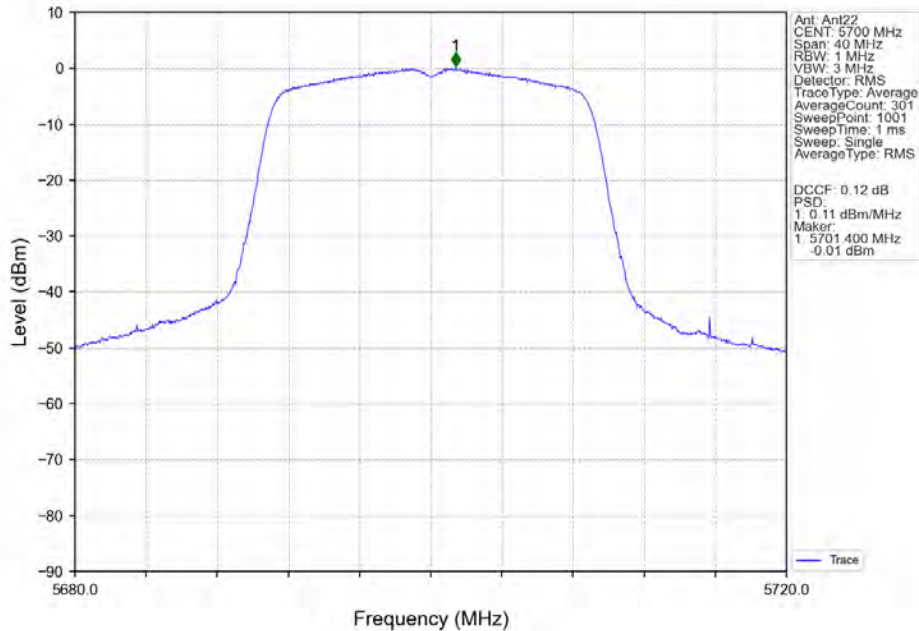
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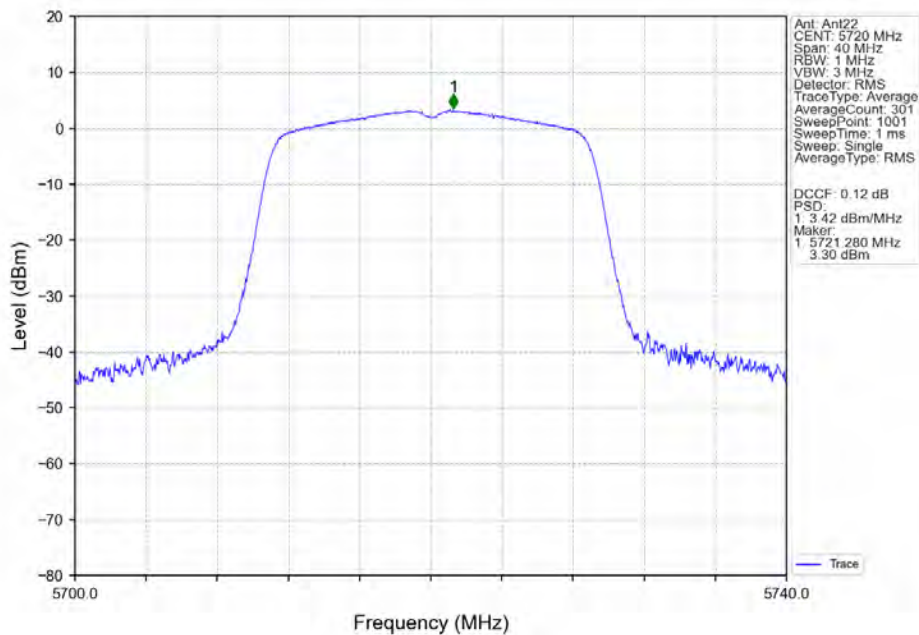
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802.11ac(VHT20)_HCH_5700MHz_Ant22_NTNV



802.11ac(VHT20)_HCH_5720MHz_Ant22_NTNV



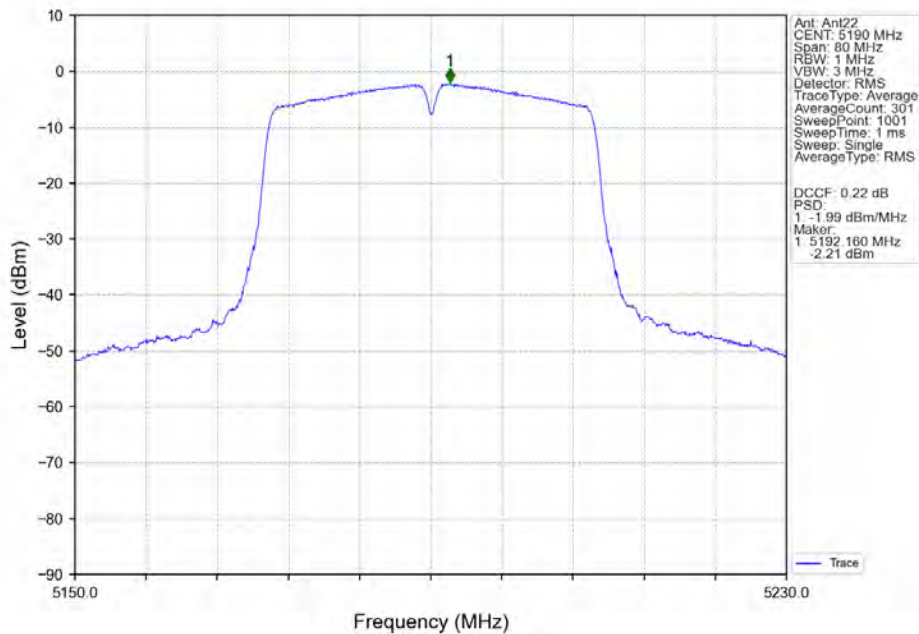
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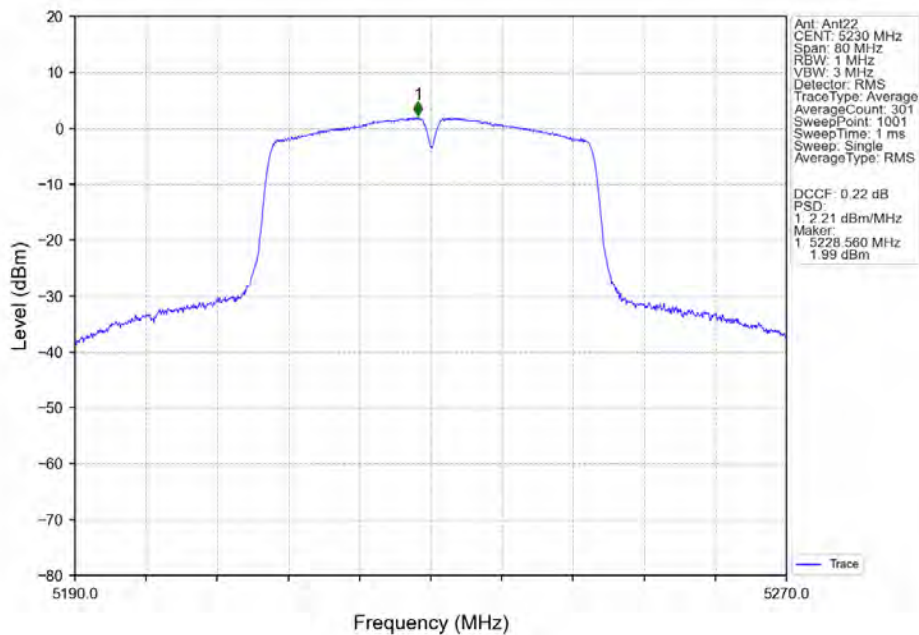
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802.11ac(VHT40)_LCH_5190MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant22_NTNV



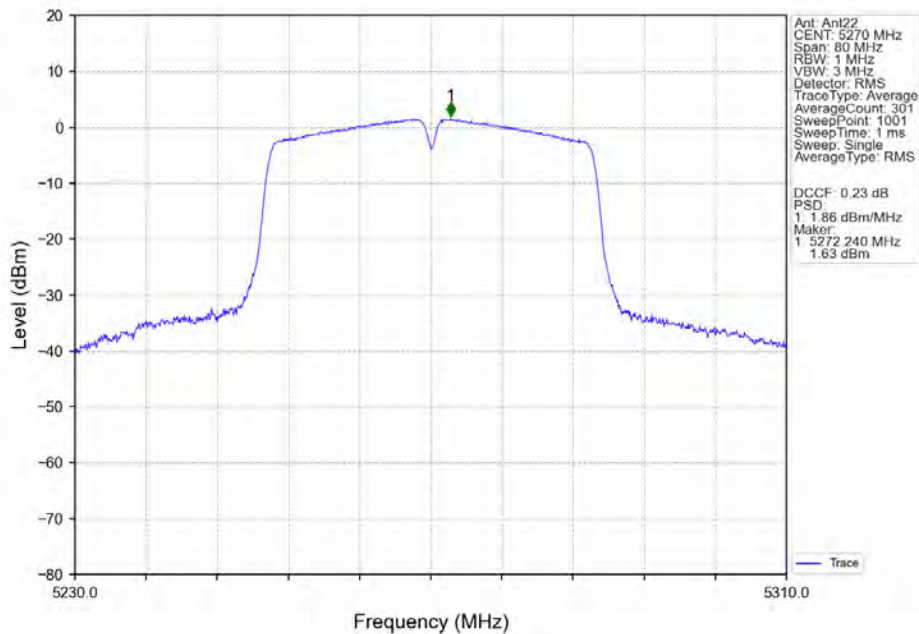
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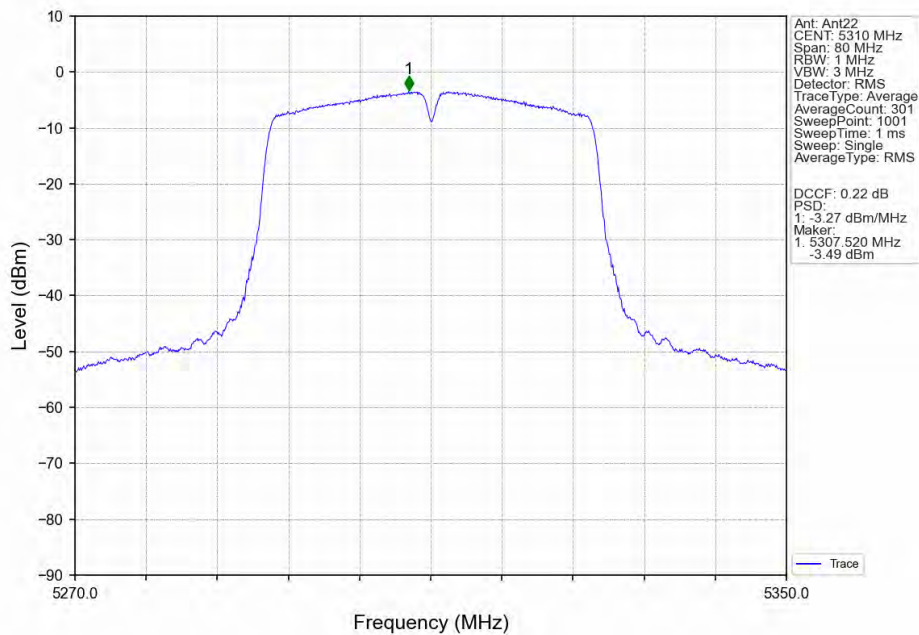
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802.11ac(VHT40)_LCH_5270MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant22_NTNV



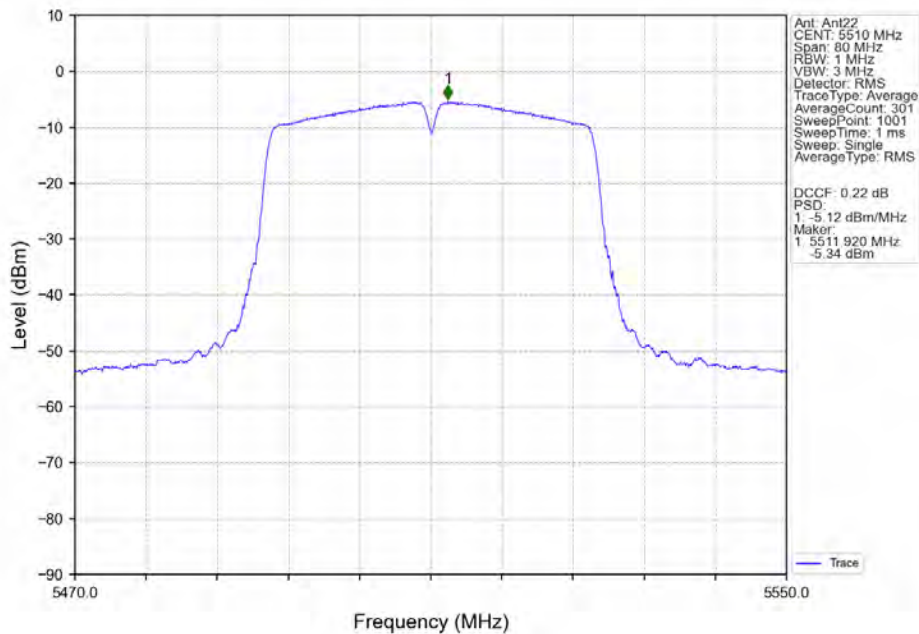
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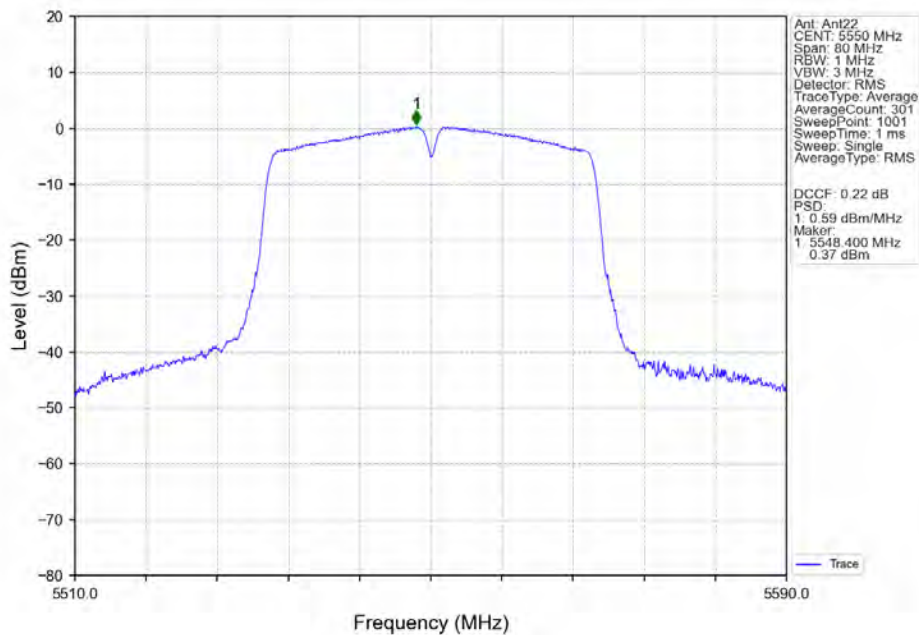
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802.11ac(VHT40)_LCH_5510MHz_Ant22_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant22_NTNV



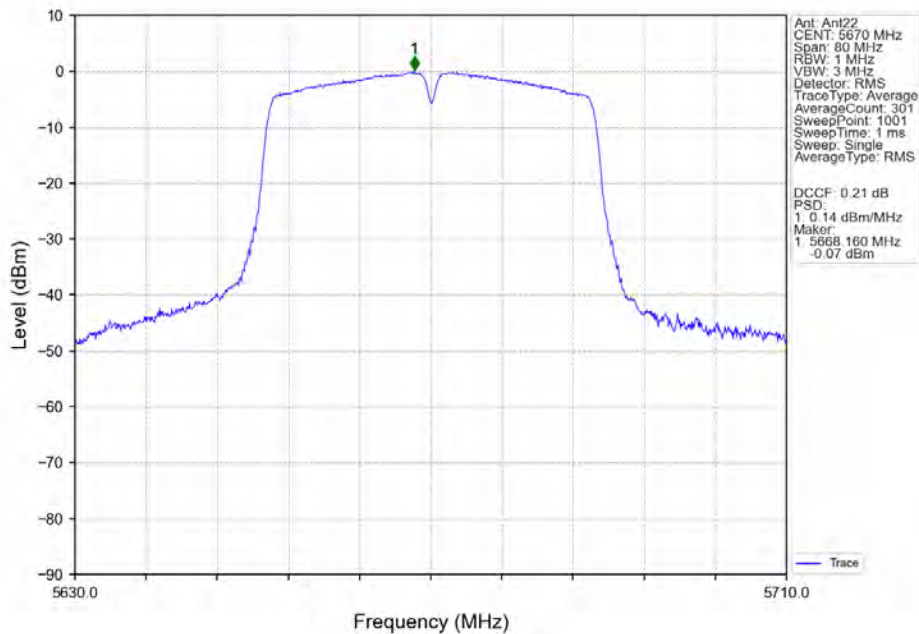
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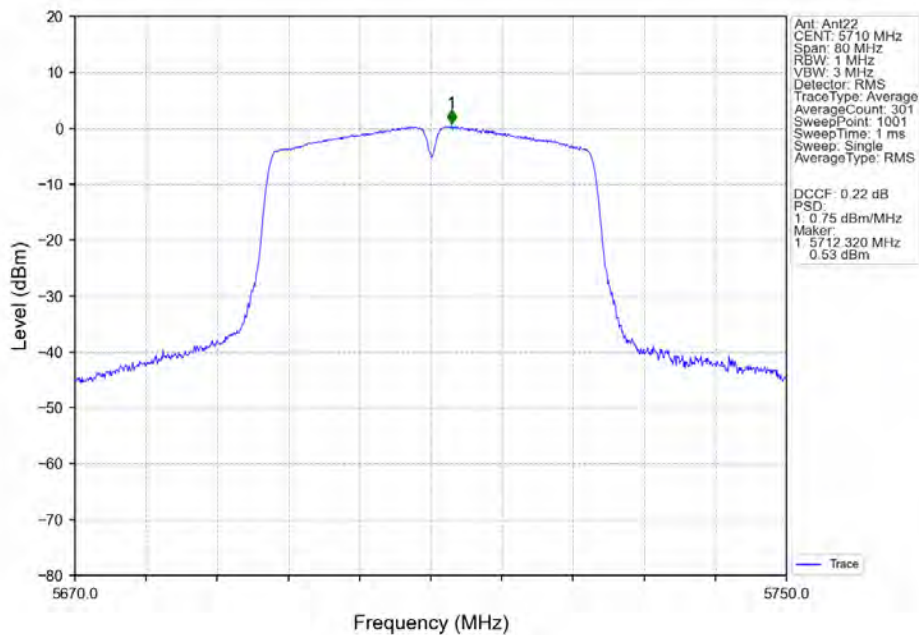
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802.11ac(VHT40)_HCH_5670MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5710MHz_Ant22_NTNV



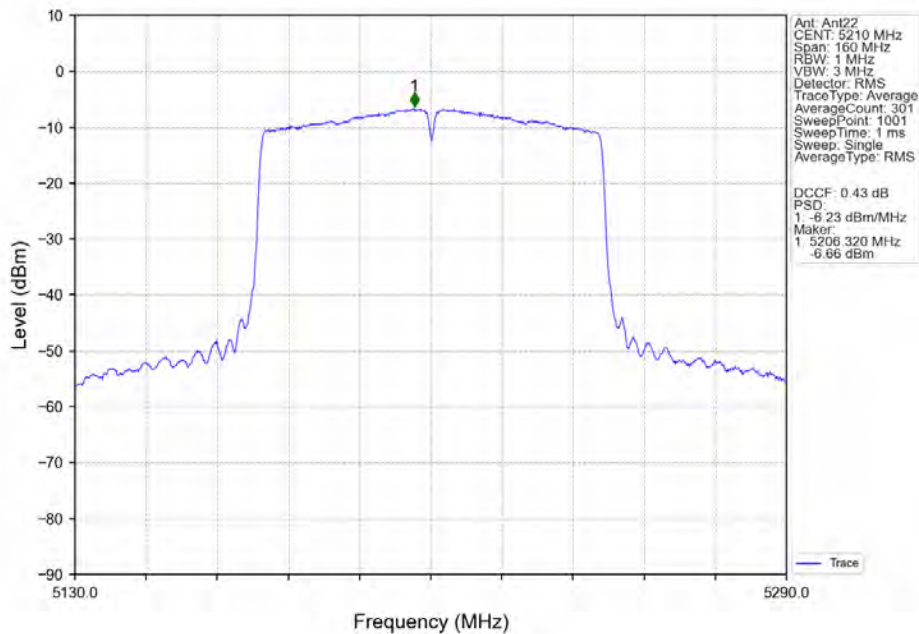
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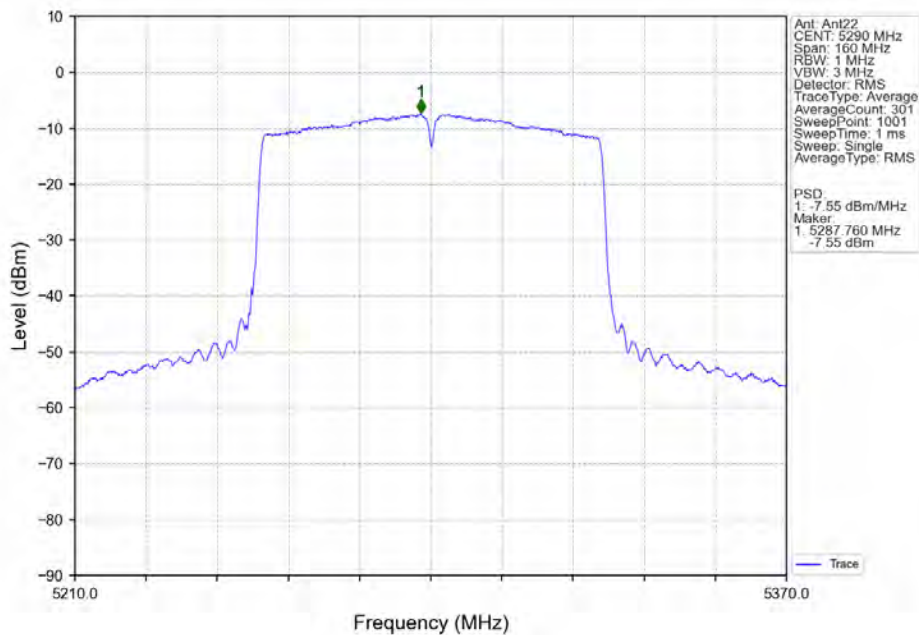
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802.11ac(VHT80)_MCH_5210MHz_Ant22_NTNV



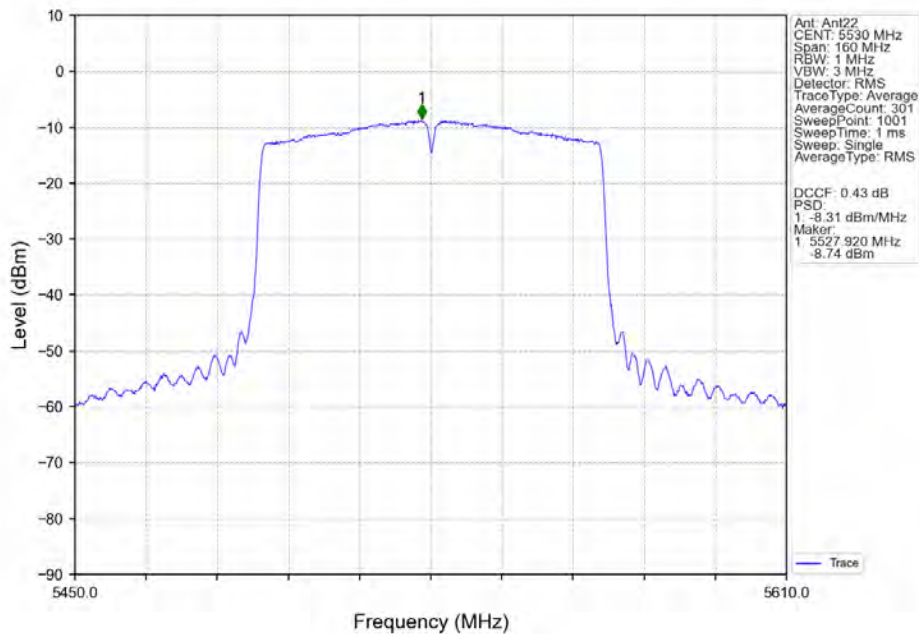
802.11ac(VHT80)_MCH_5290MHz_Ant22_NTNV



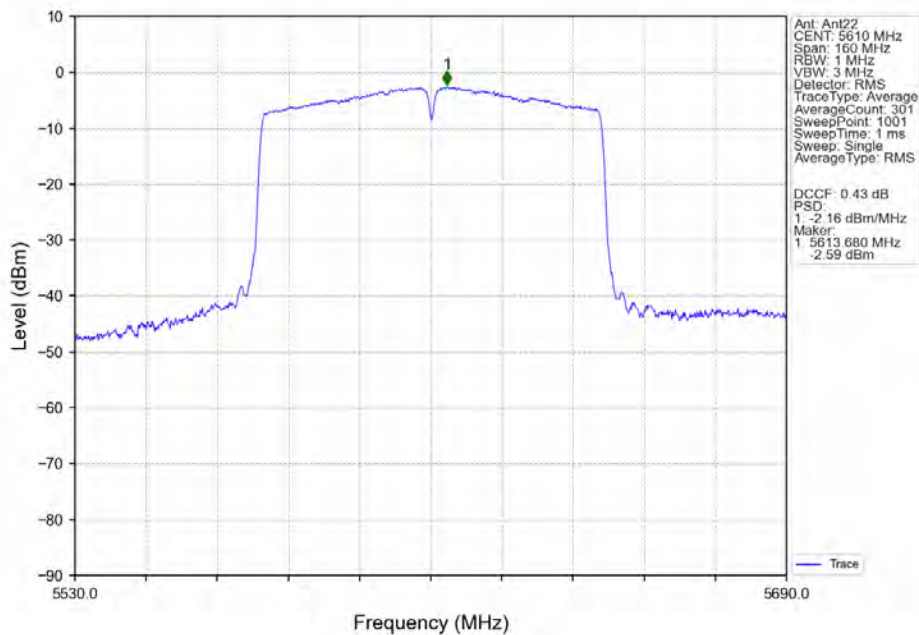
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802.11ac(VHT80)_LCH_5530MHz_Ant22_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant22_NTNV



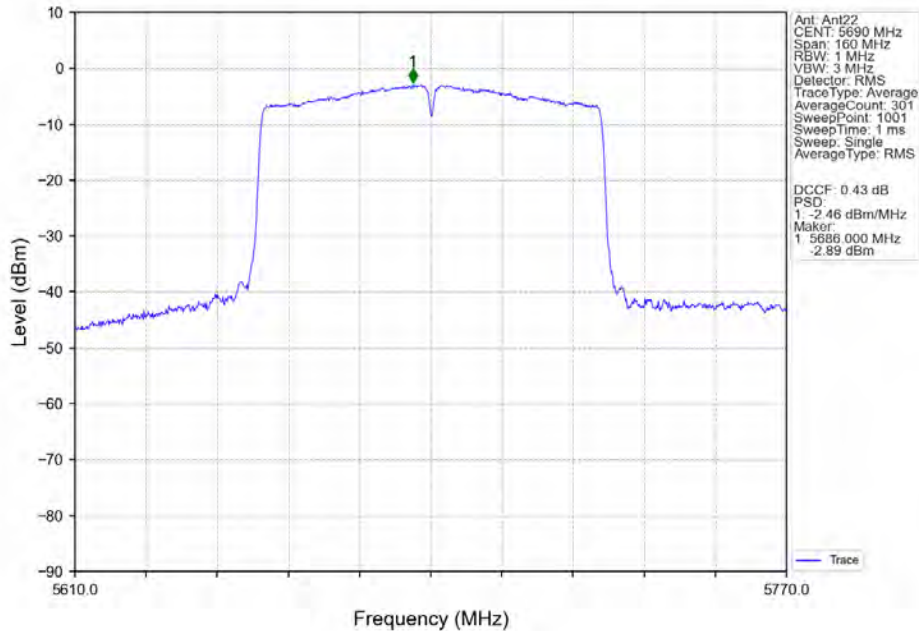
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802.11ac(VHT80)_HCH_5690MHz_Ant22_NTNV

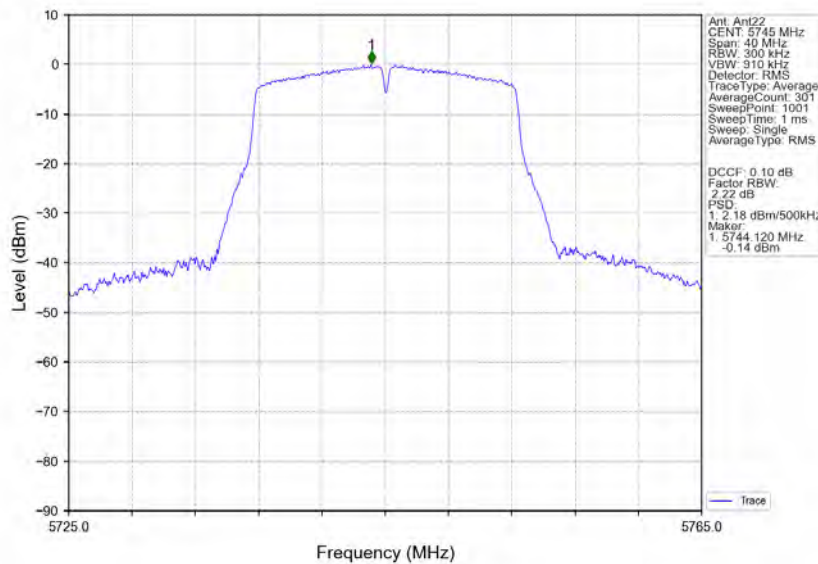


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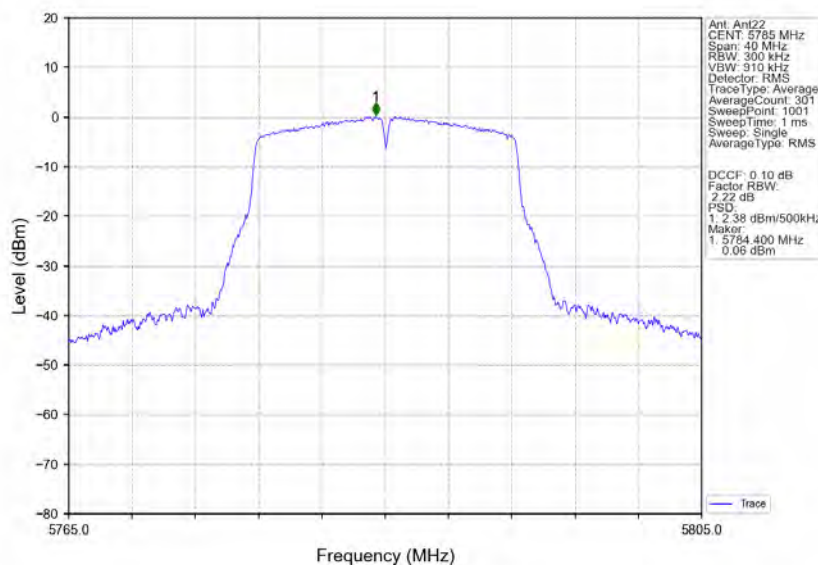
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4.2.2 PSD-Band3

802.11a_LCH_5745MHz_Ant22_NTNV



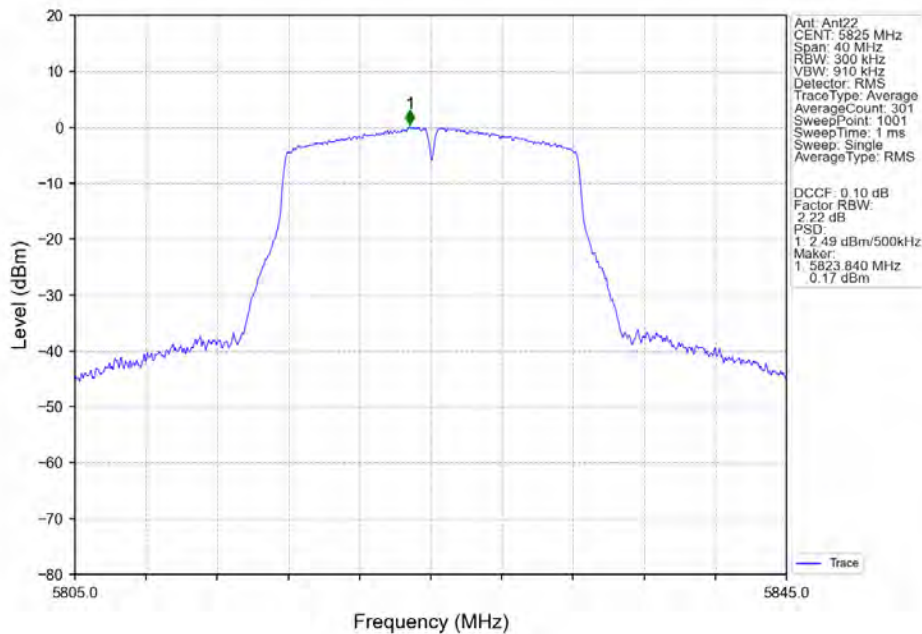
802.11a_MCH_5785MHz_Ant22_NTNV



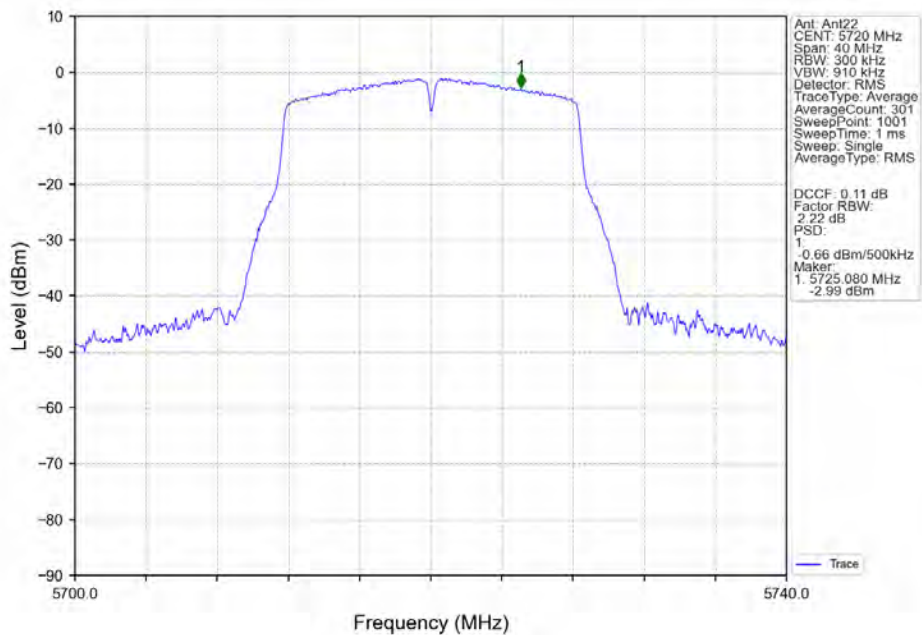
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802.11a_HCH_5825MHz_Ant22_NTNV



802.11a_HCH_5720MHz_Ant22_NTNV



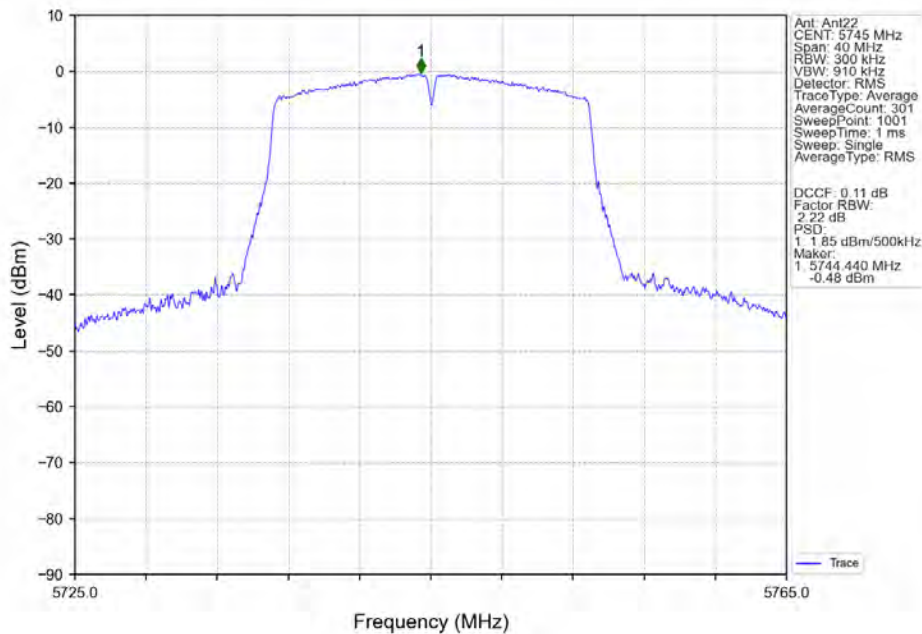
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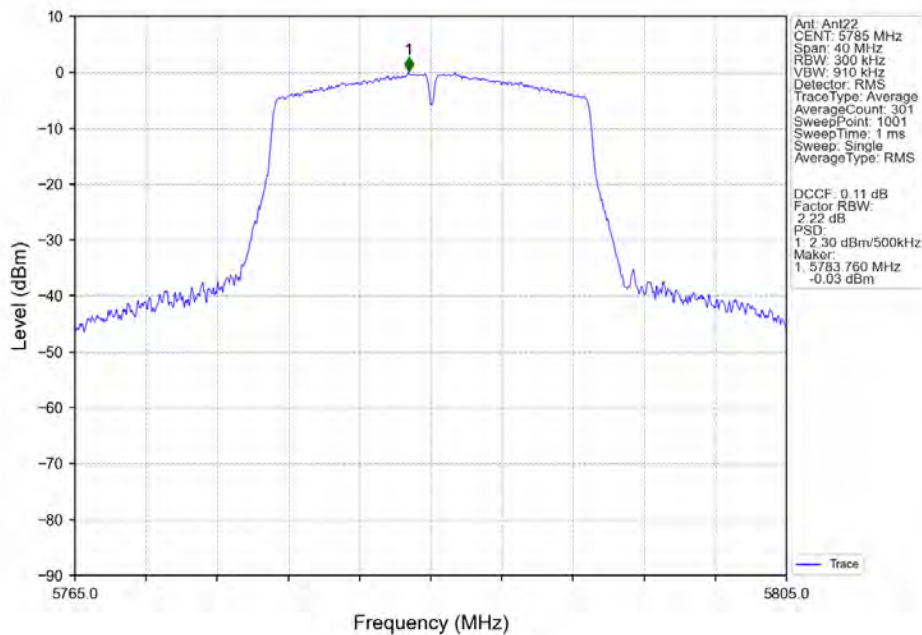
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802.11n(HT20)_LCH_5745MHz_Ant22_NTNV



802.11n(HT20)_MCH_5785MHz_Ant22_NTNV



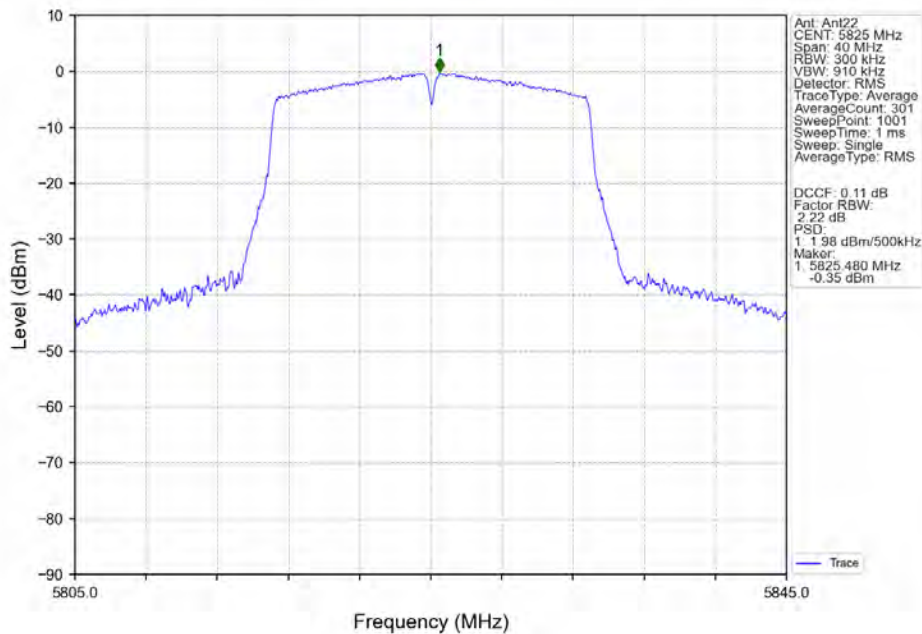
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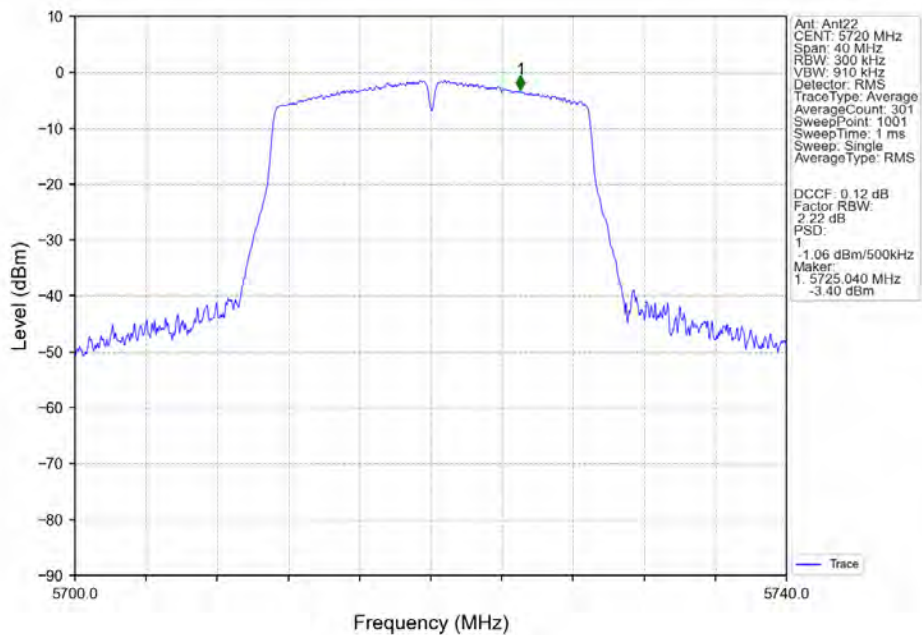
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802.11n(HT20)_HCH_5825MHz_Ant22_NTNV



802.11n(HT20)_HCH_5720MHz_Ant22_NTNV



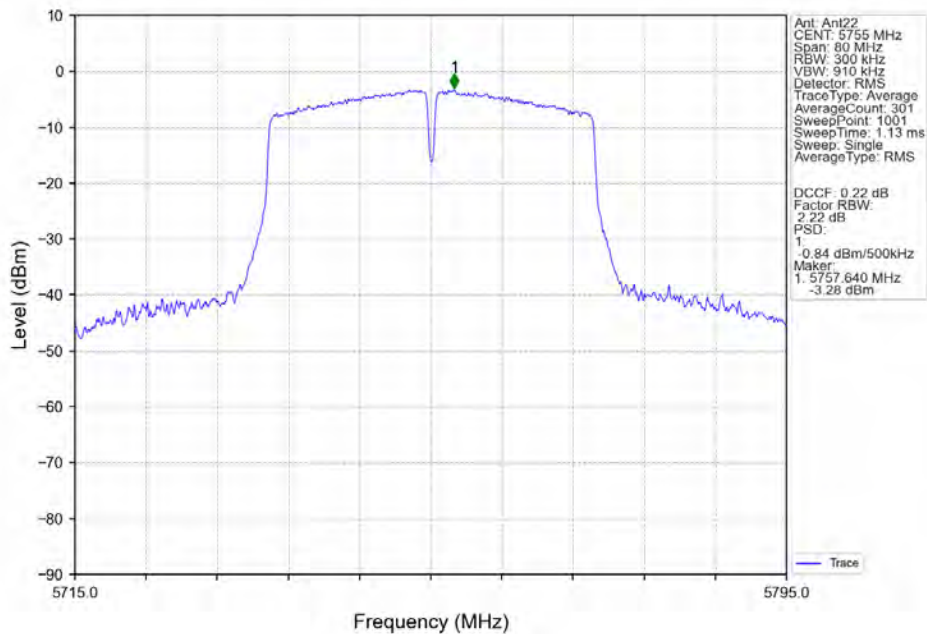
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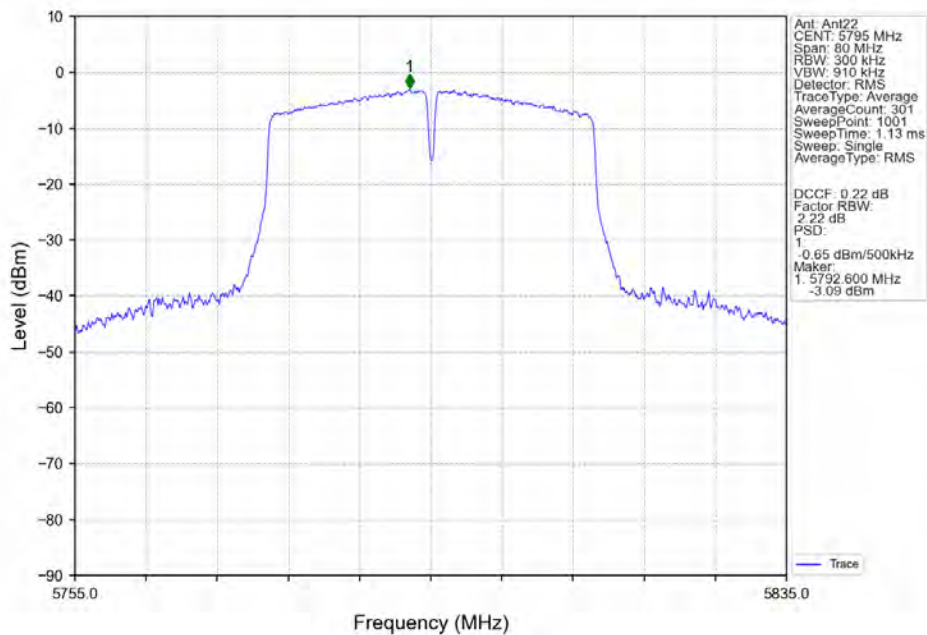
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802.11n(HT40)_LCH_5755MHz_Ant22_NTNV



802.11n(HT40)_HCH_5795MHz_Ant22_NTNV



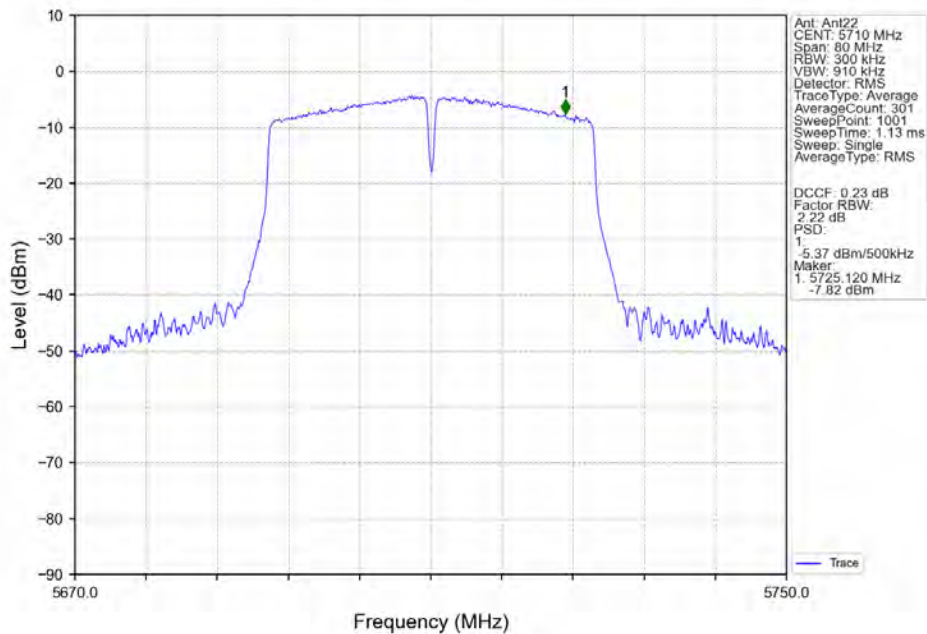
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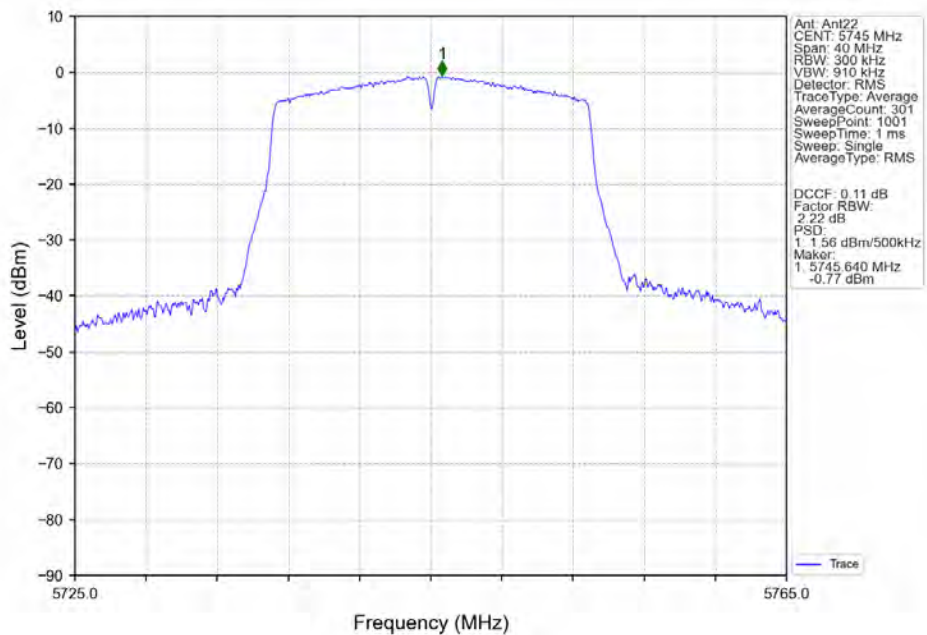
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802.11n(HT40)_HCH_5710MHz_Ant22_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant22_NTNV



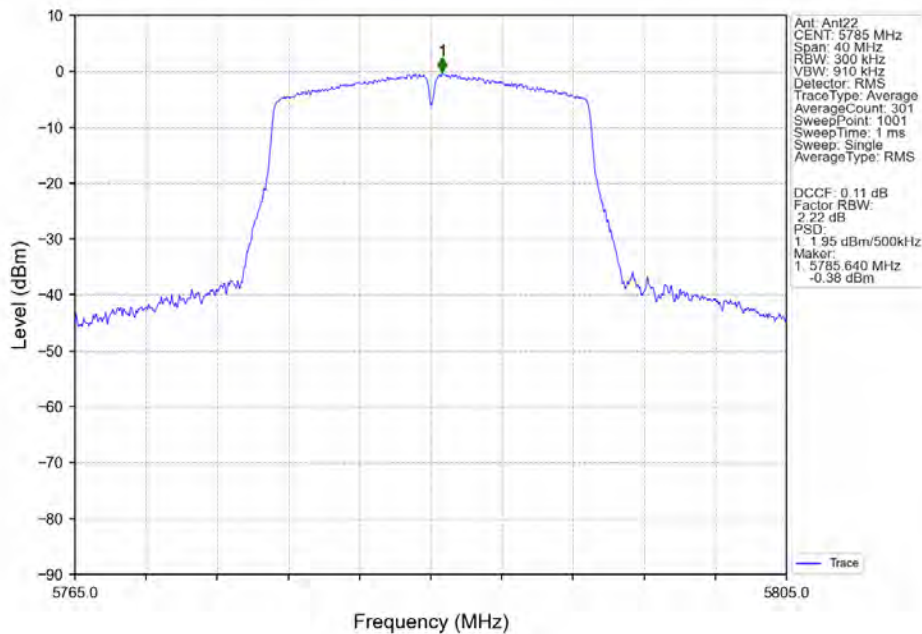
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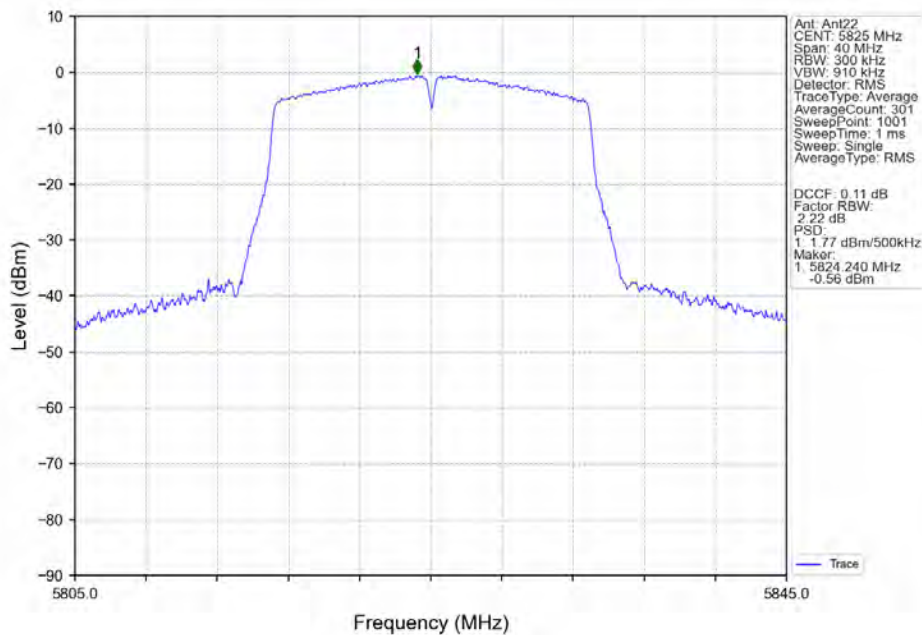
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802.11ac(VHT20)_HCH_5825MHz_Ant22_NTNV



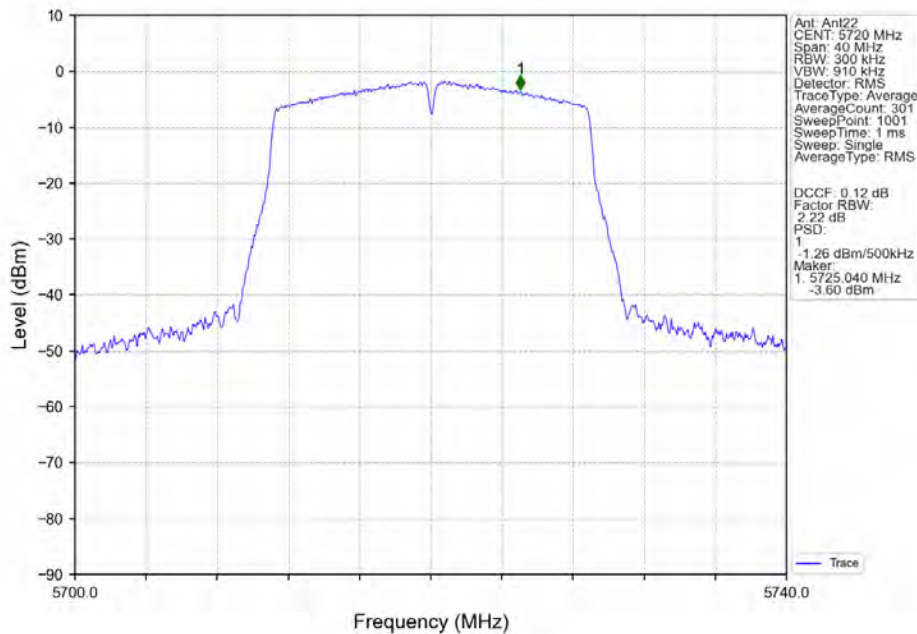
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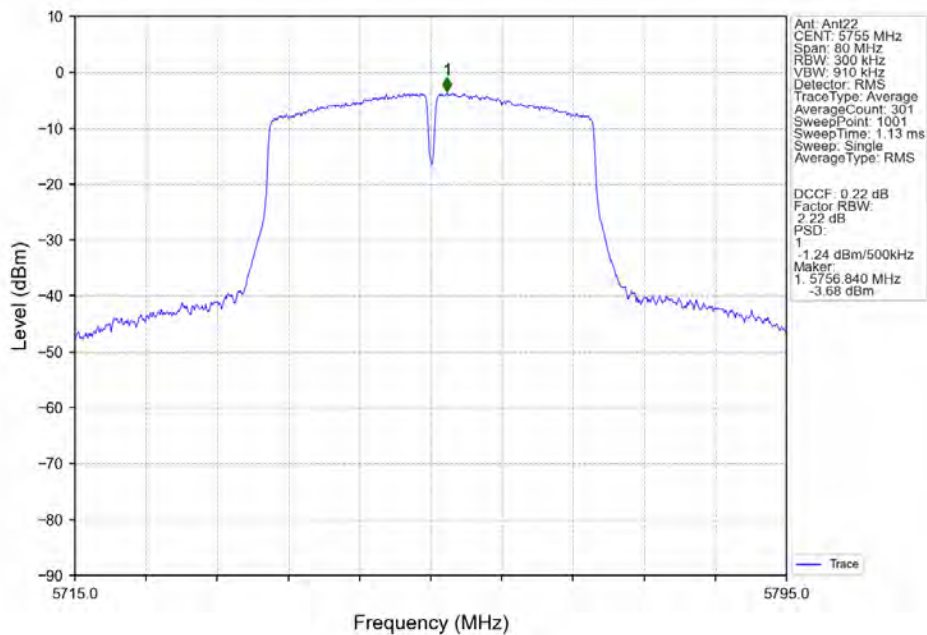
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802.11ac(VHT20)_HCH_5720MHz_Ant22_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant22_NTNV



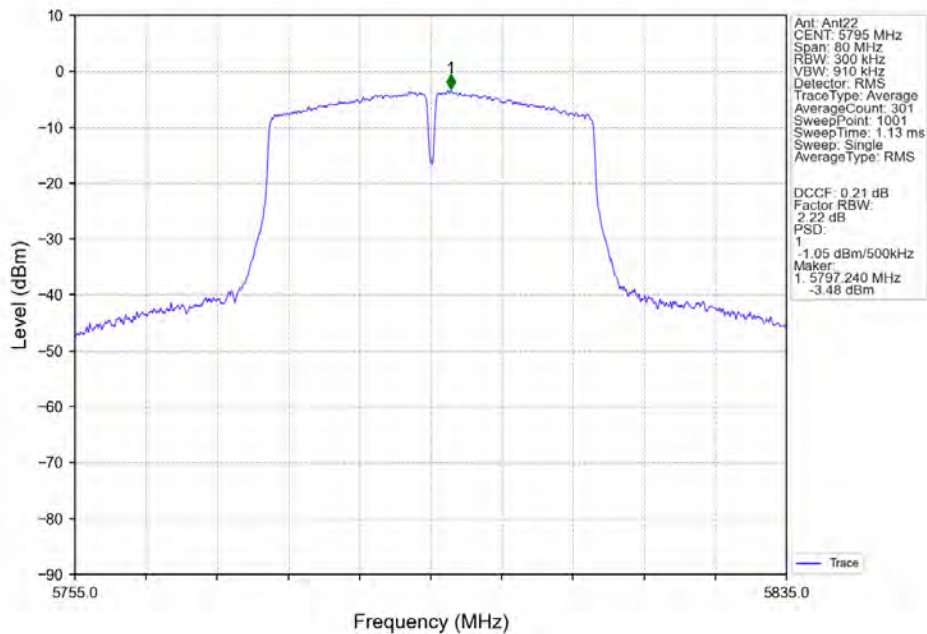
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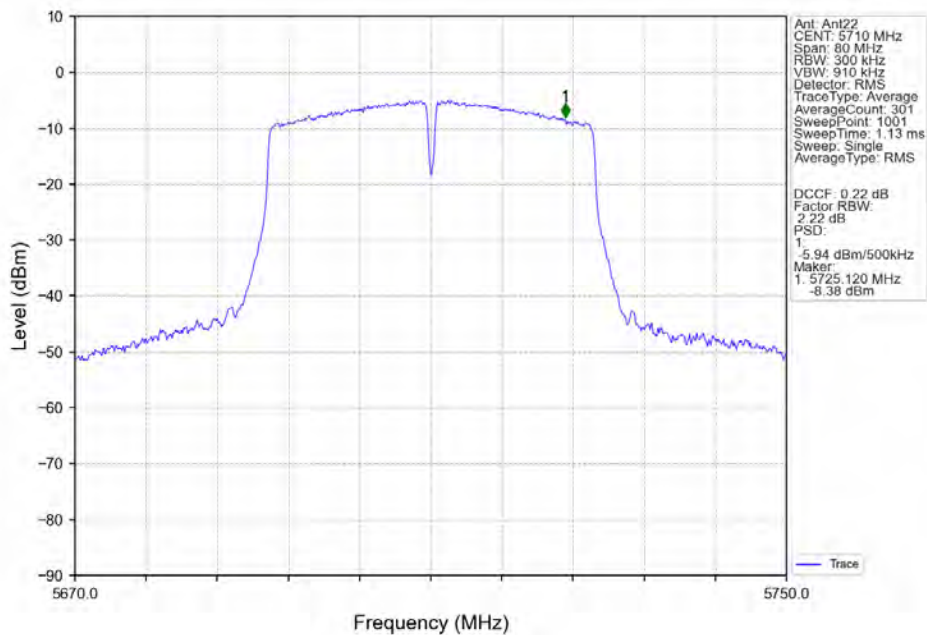
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802.11ac(VHT40)_HCH_5795MHz_Ant22_NTNV



802.11ac(VHT40)_HCH_5710MHz_Ant22_NTNV



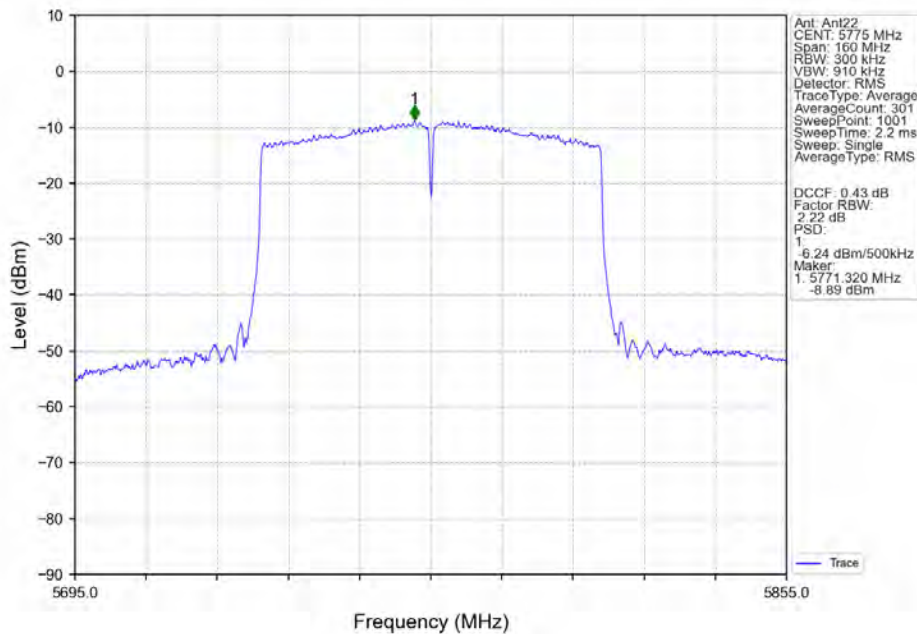
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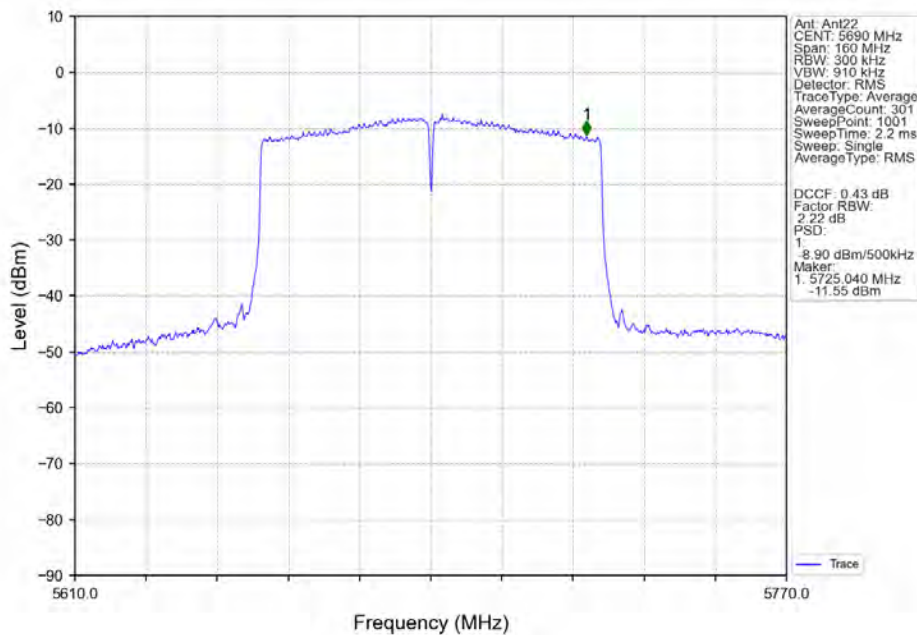
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802.11ac(VHT80)_MCH_5775MHz_Ant22_NTNV



802.11ac(VHT80)_HCH_5690MHz_Ant22_NTNV



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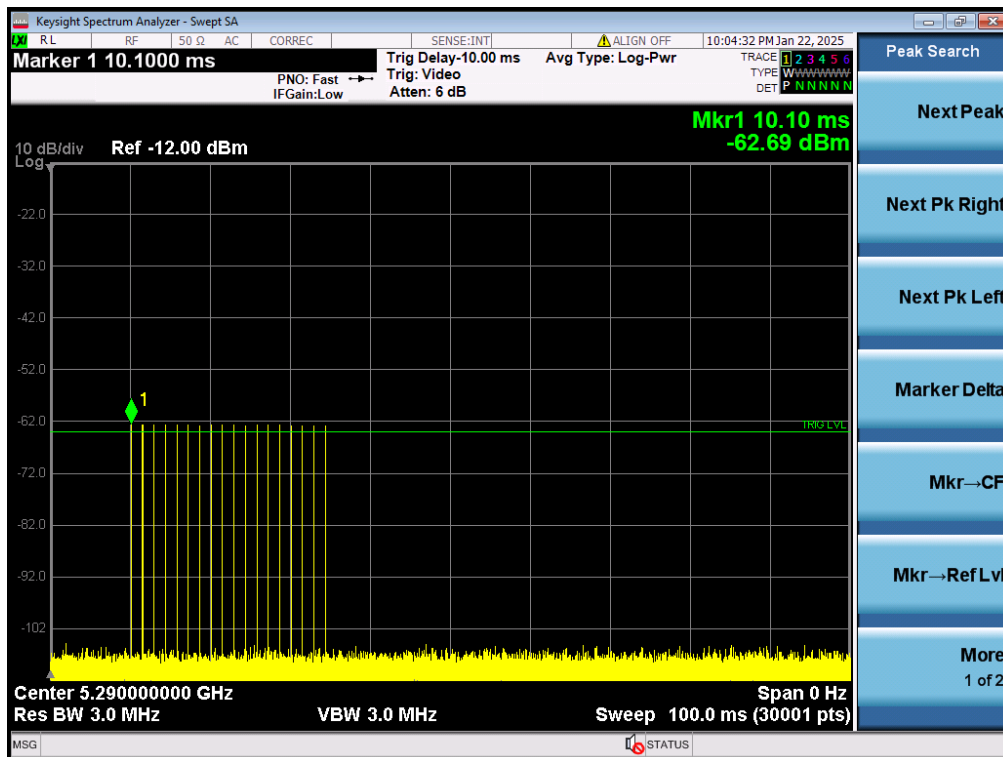
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5. DFS

5.1 Test Result

5.1.1 Rader



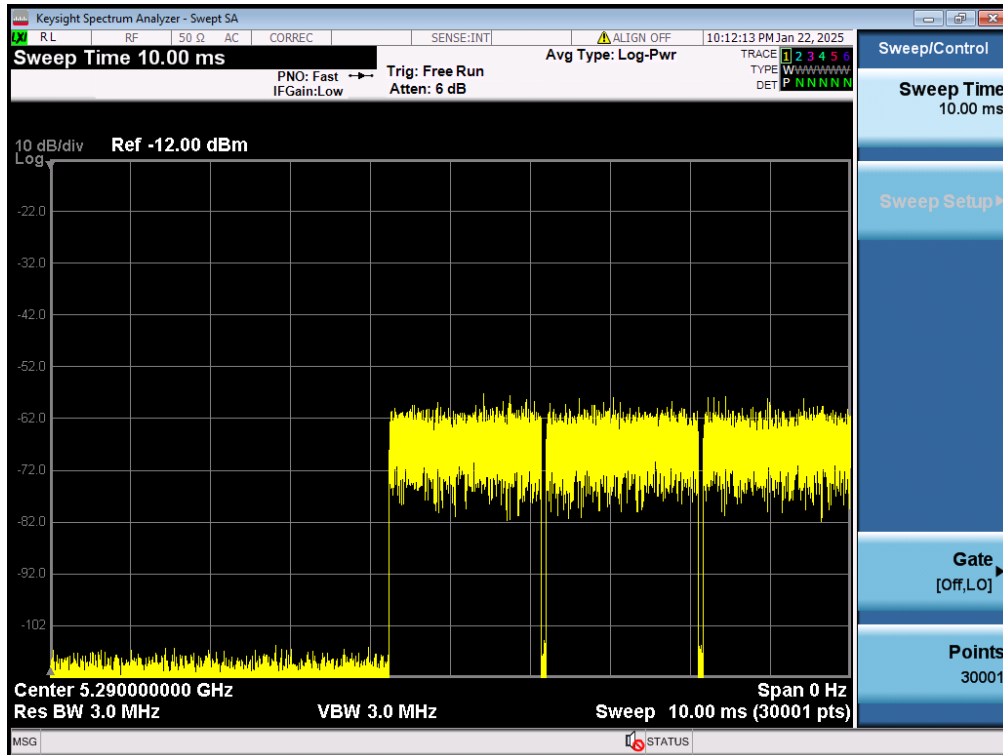
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5.1.2 dc



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