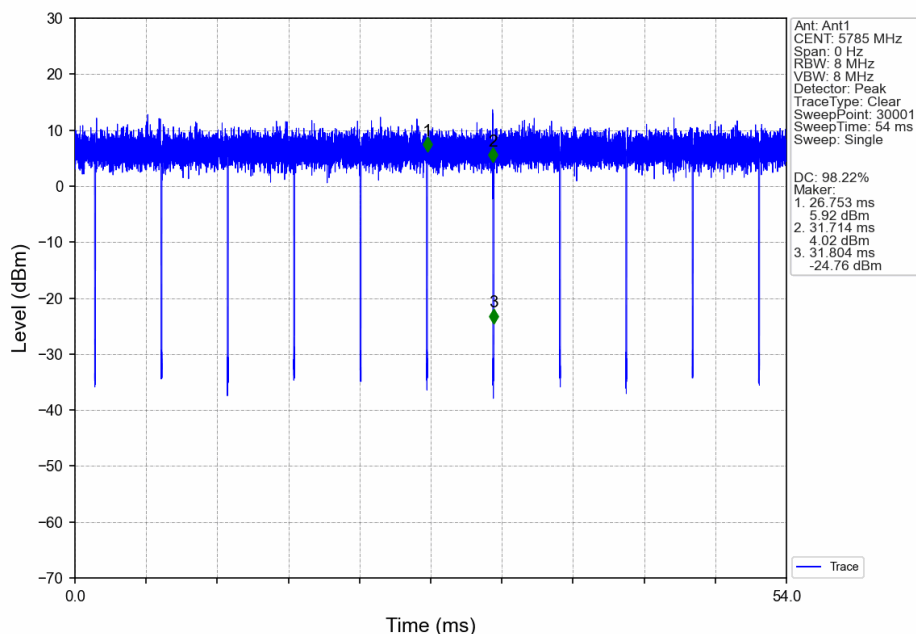
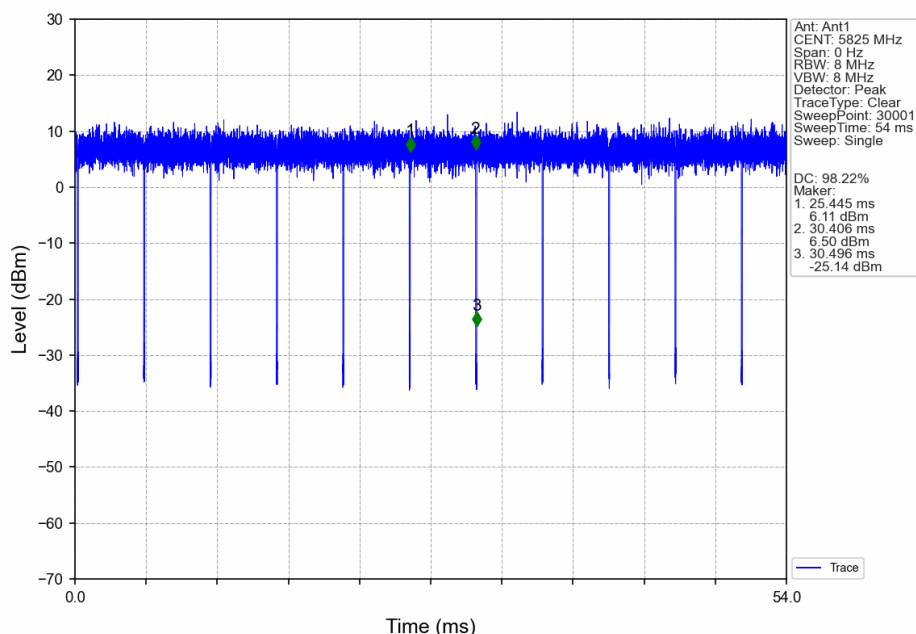


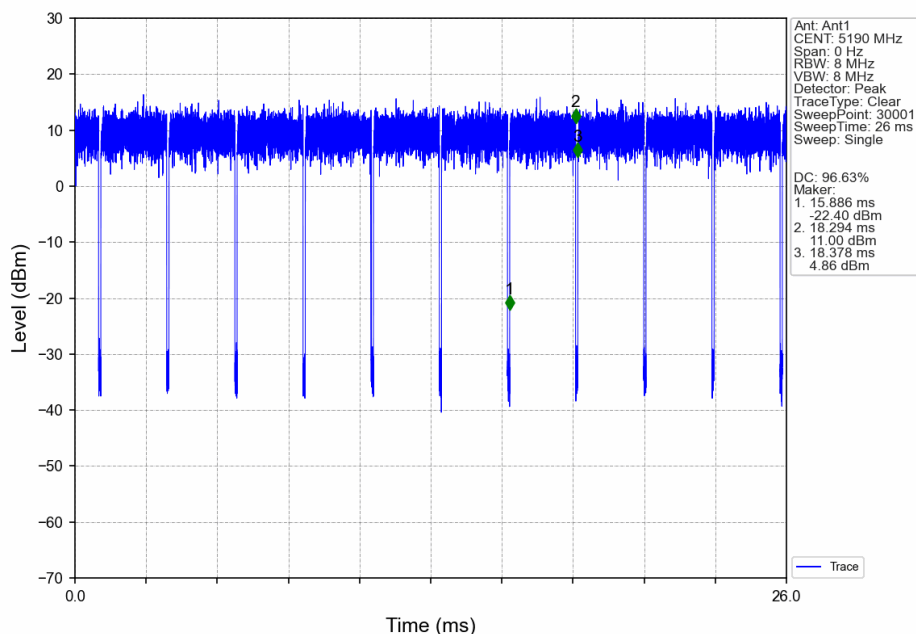
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



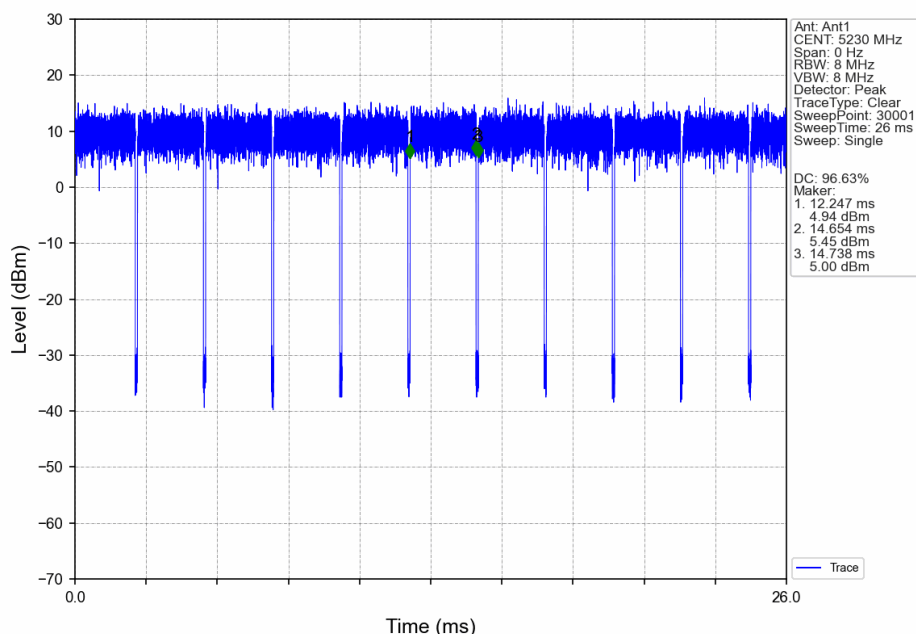
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



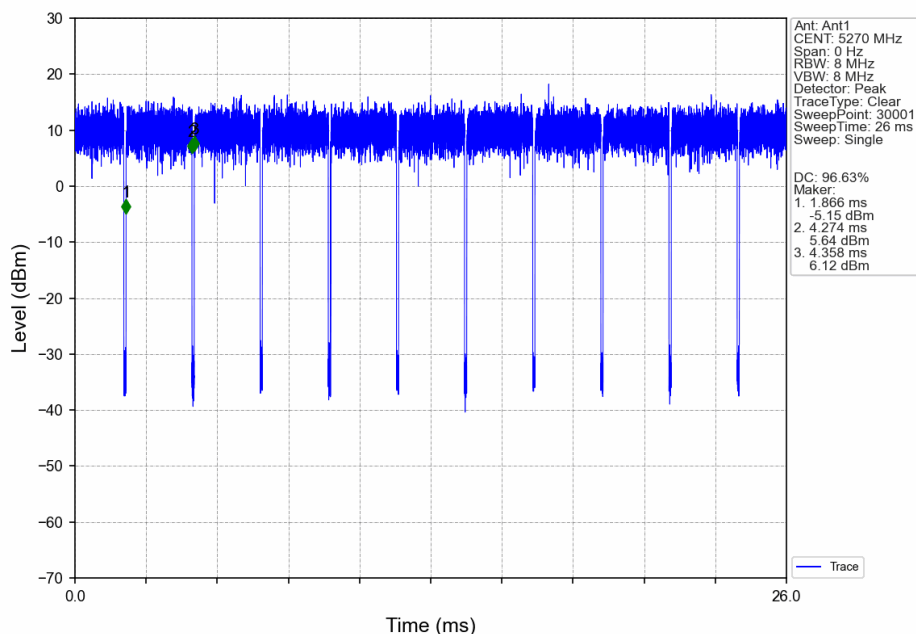
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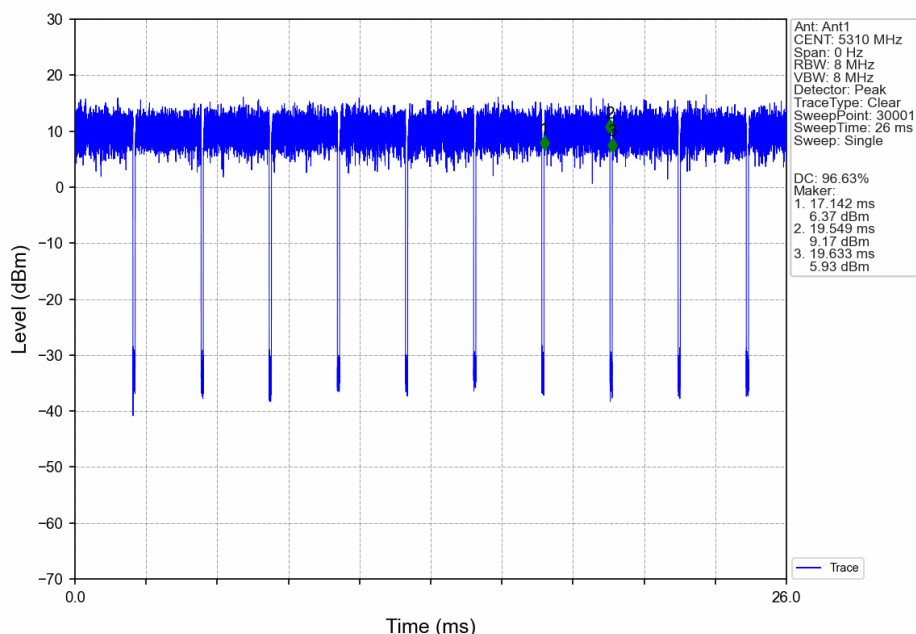
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



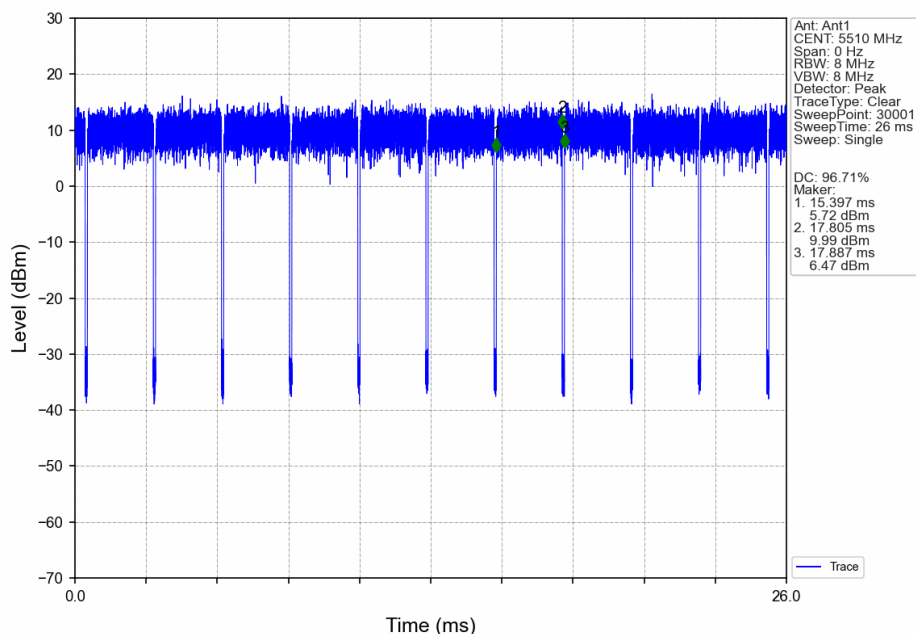
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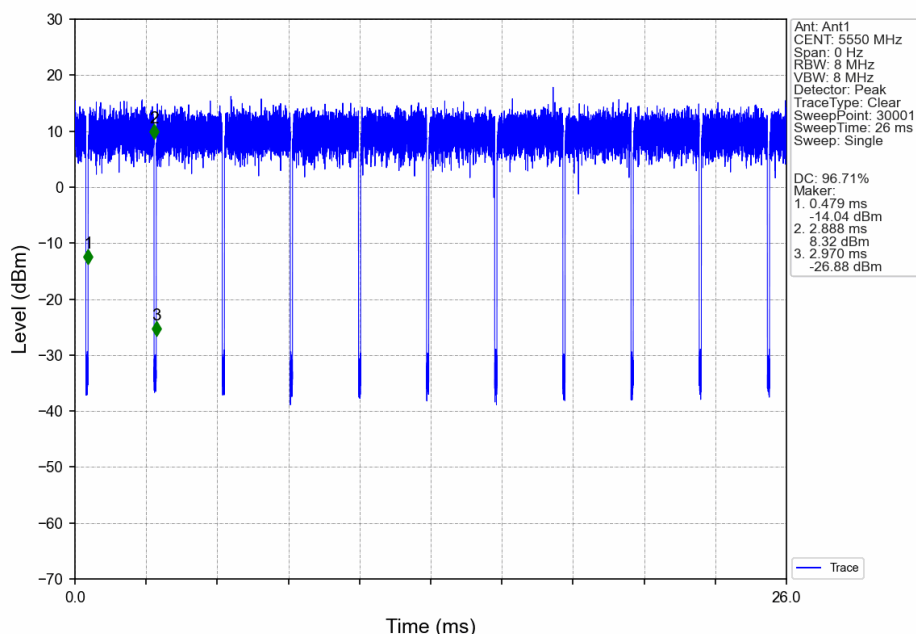
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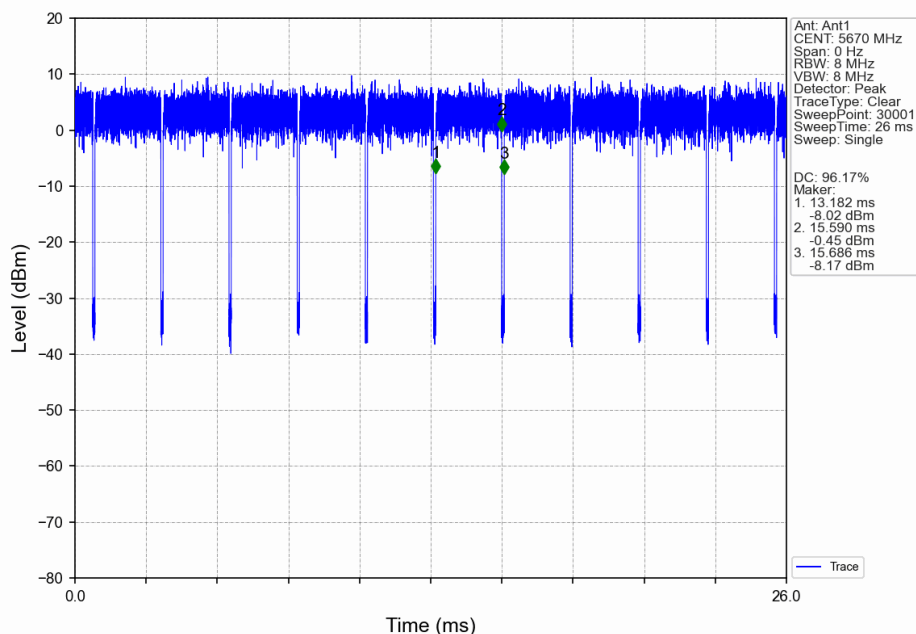
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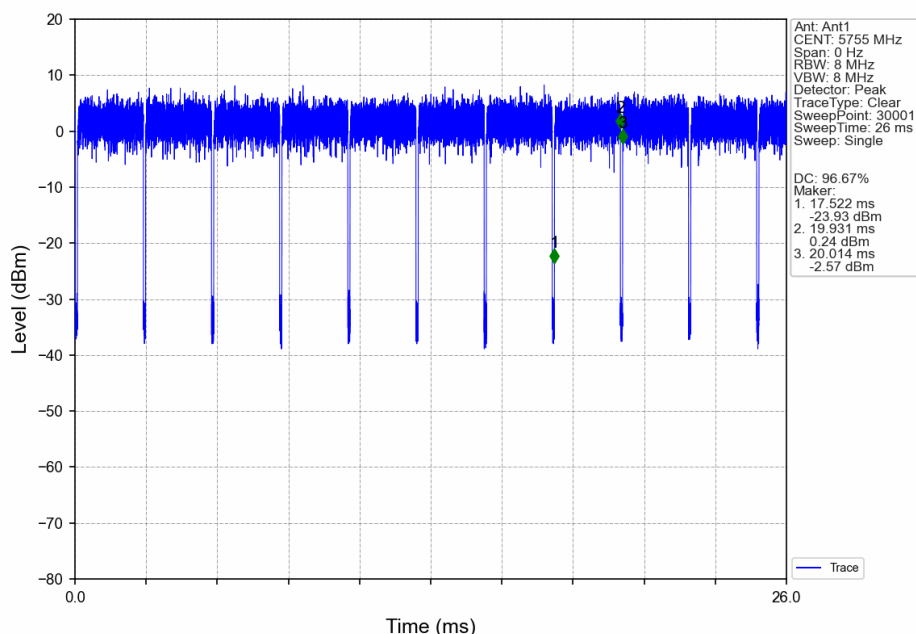
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



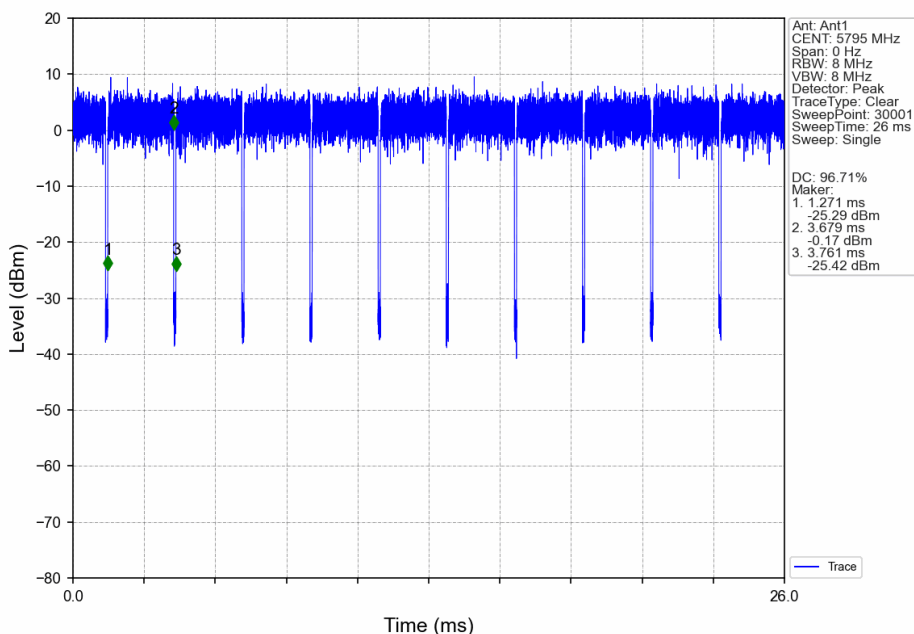
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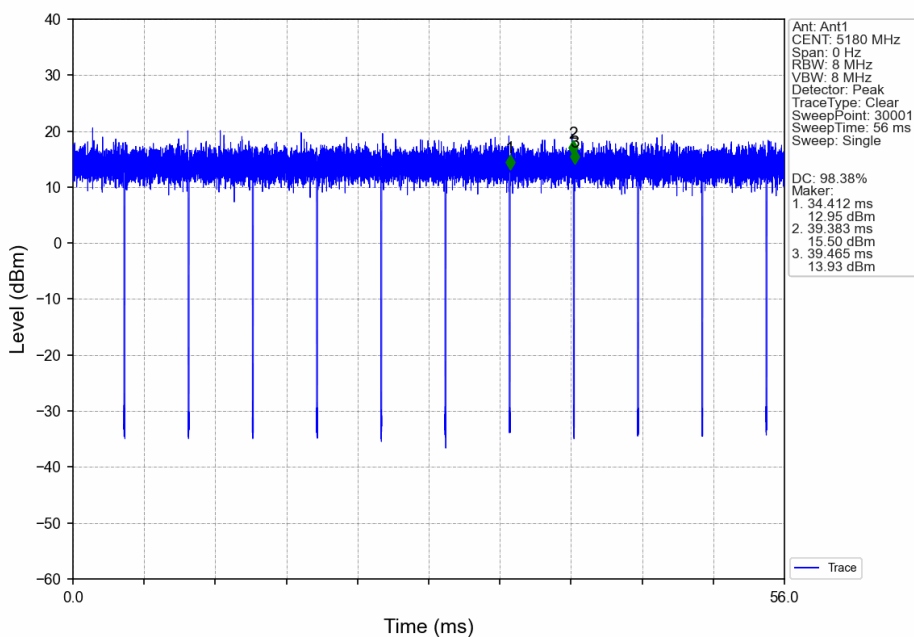
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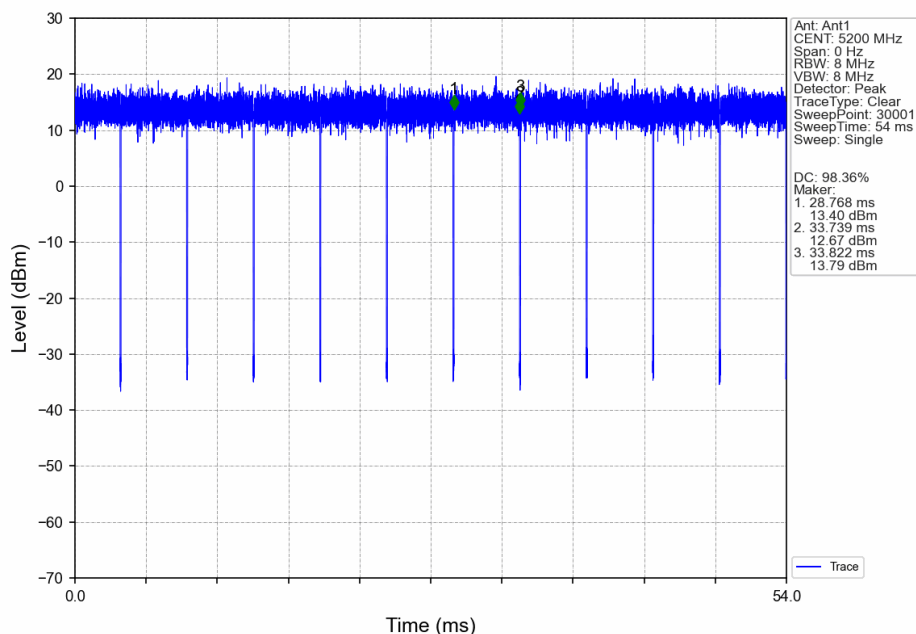
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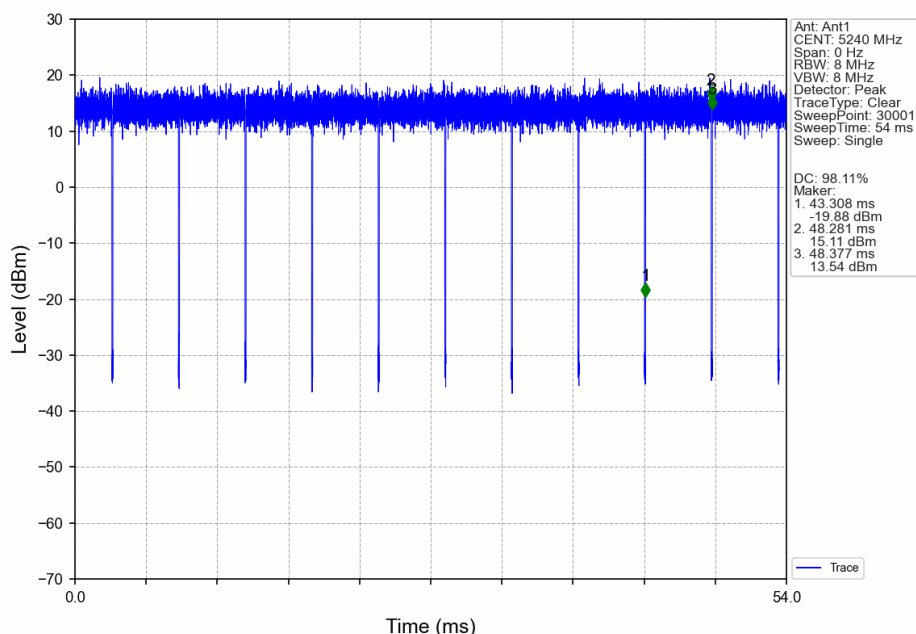
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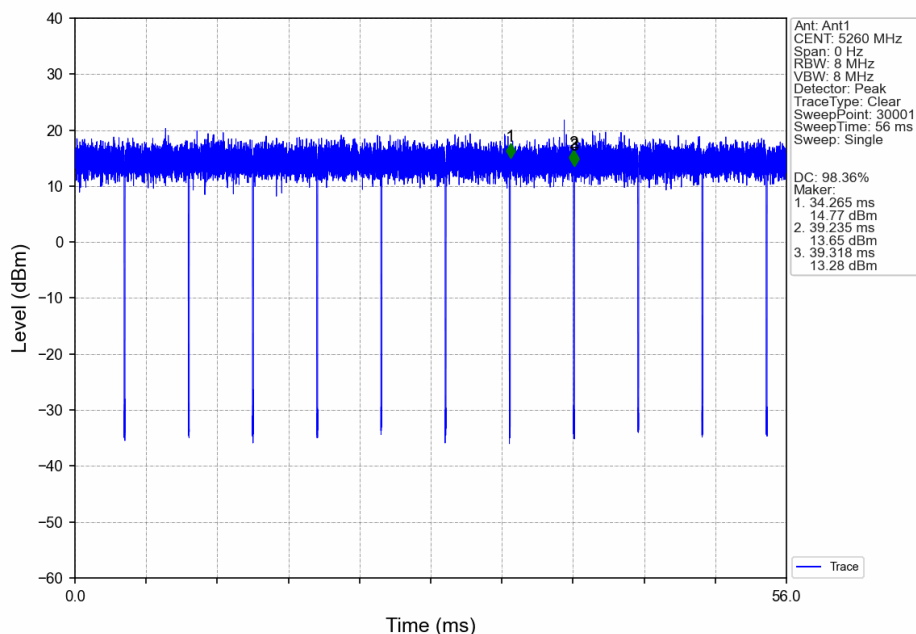
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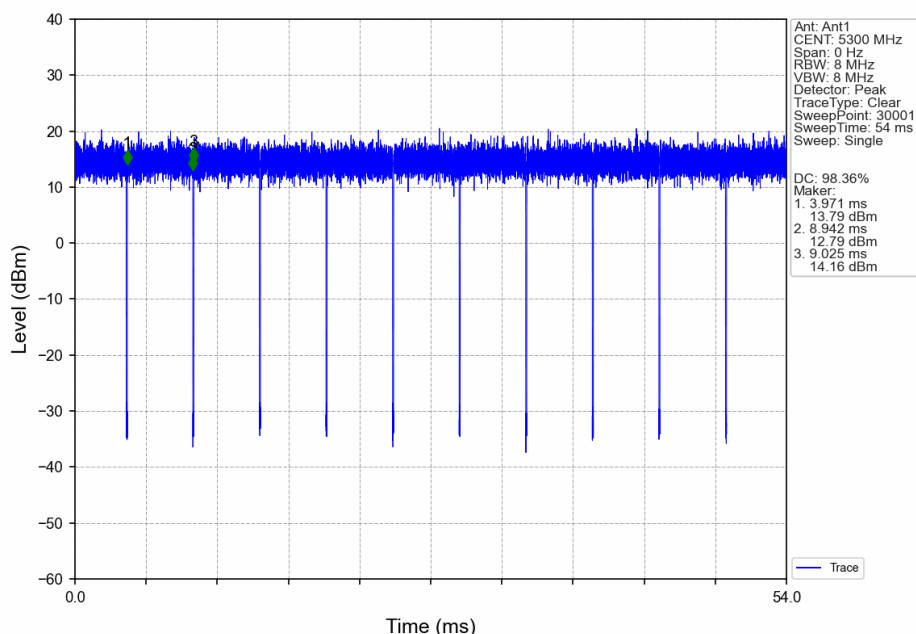
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



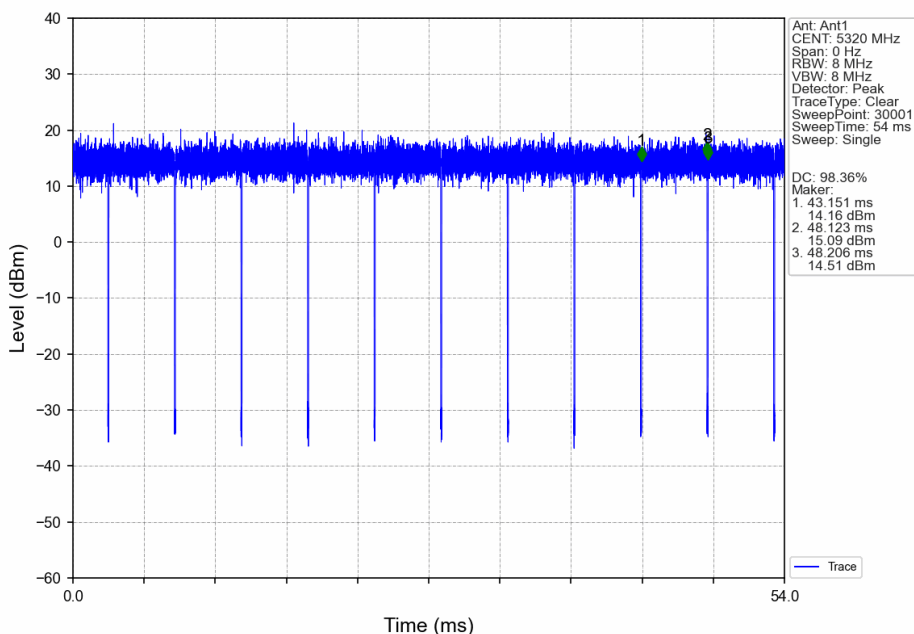
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



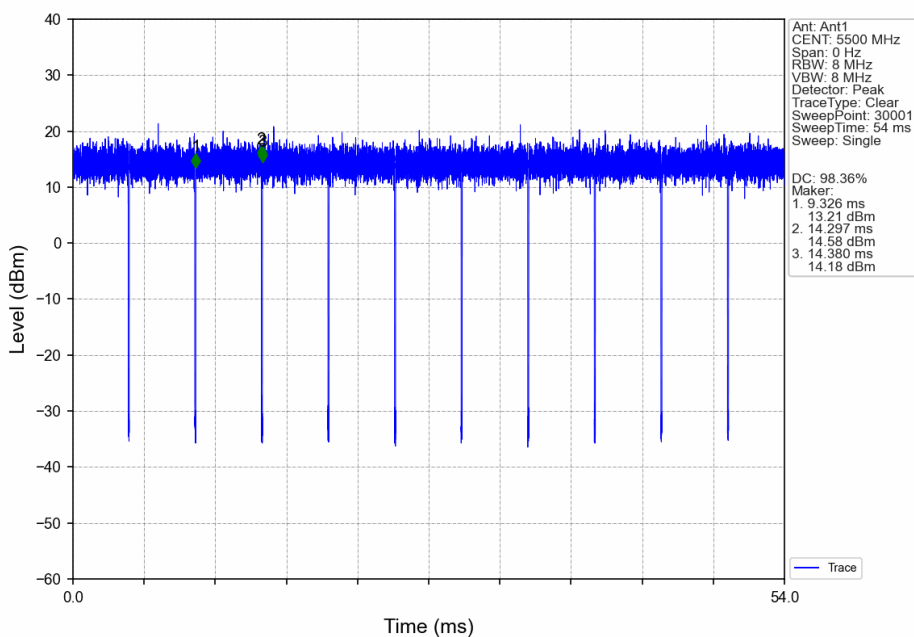
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



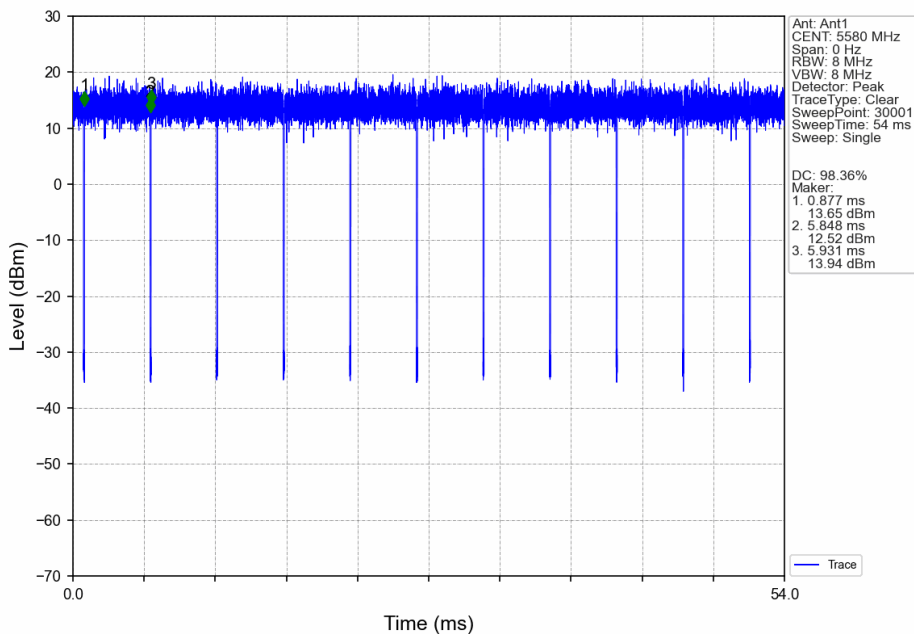
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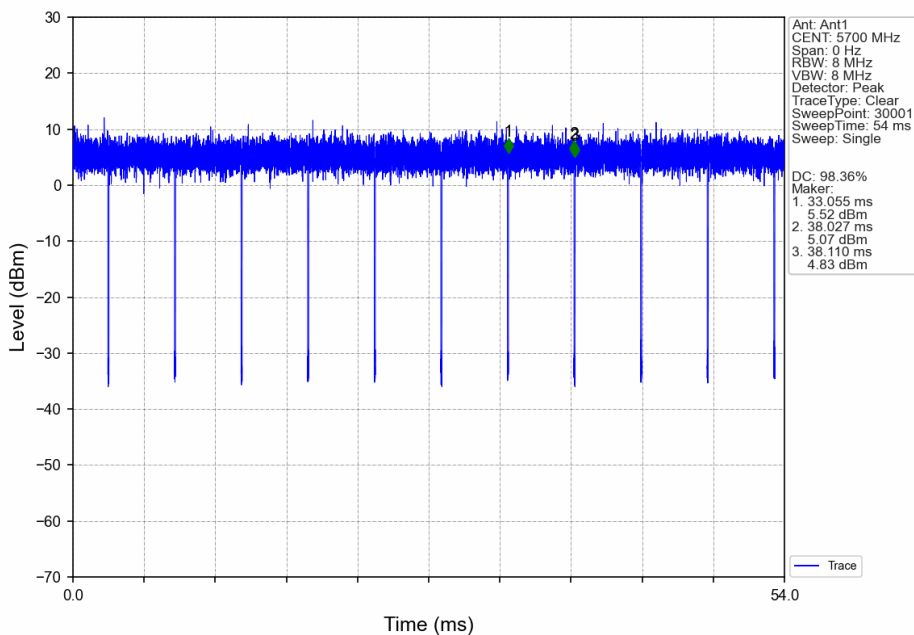
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



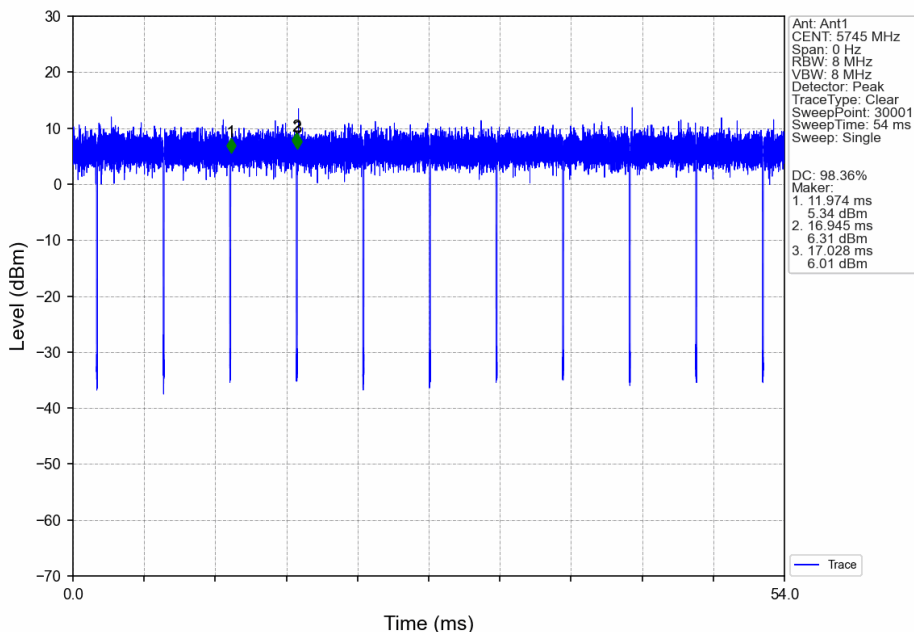
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



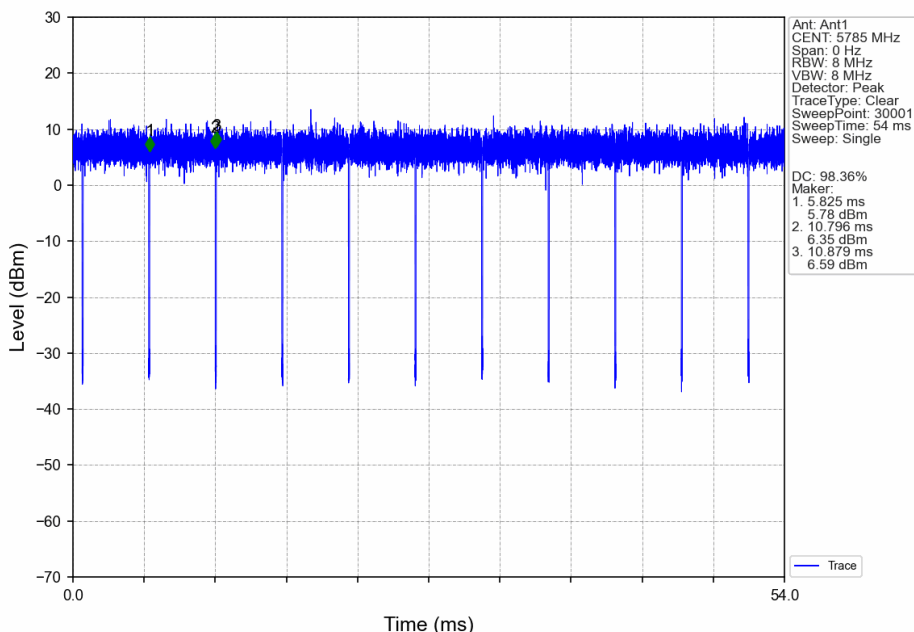
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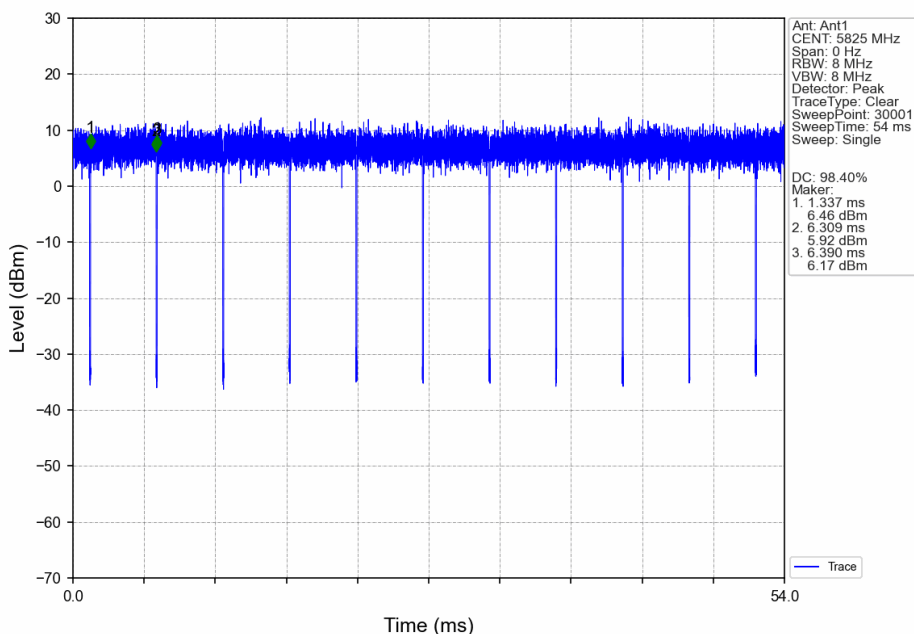
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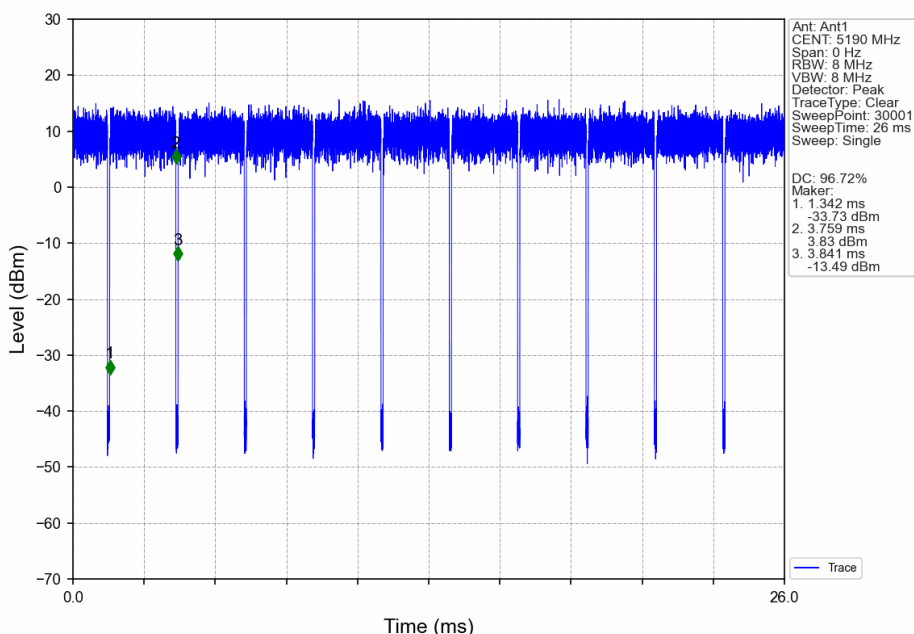
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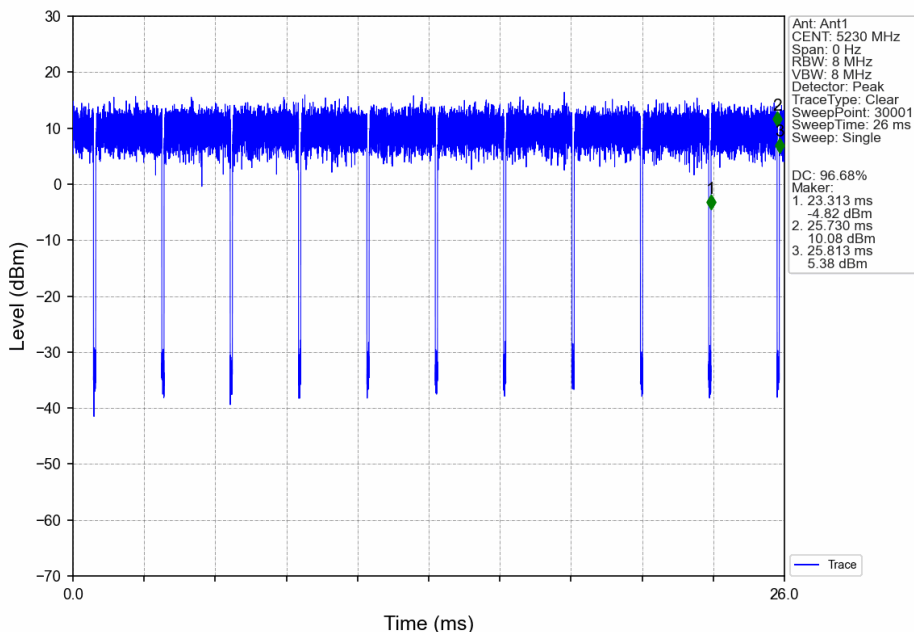
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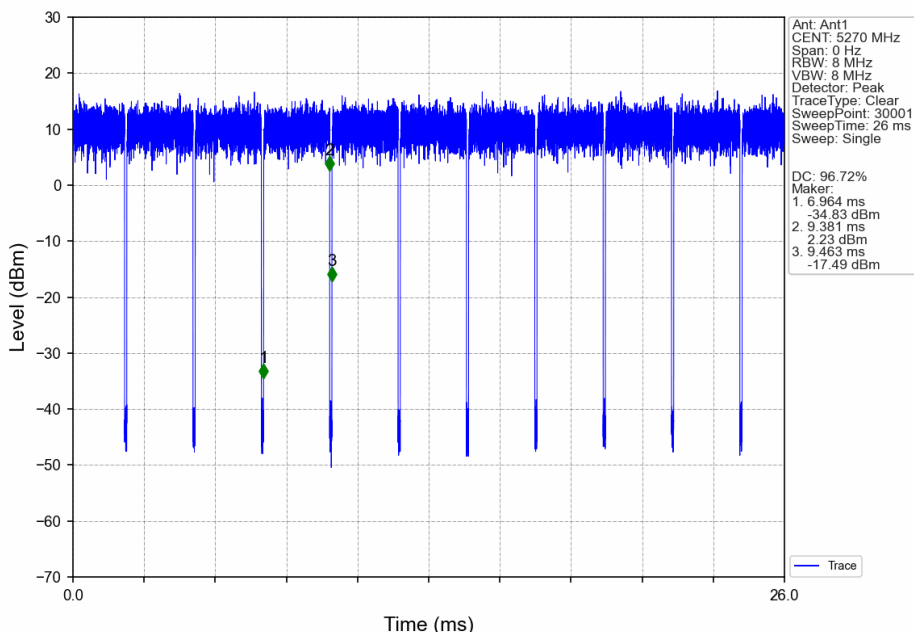
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



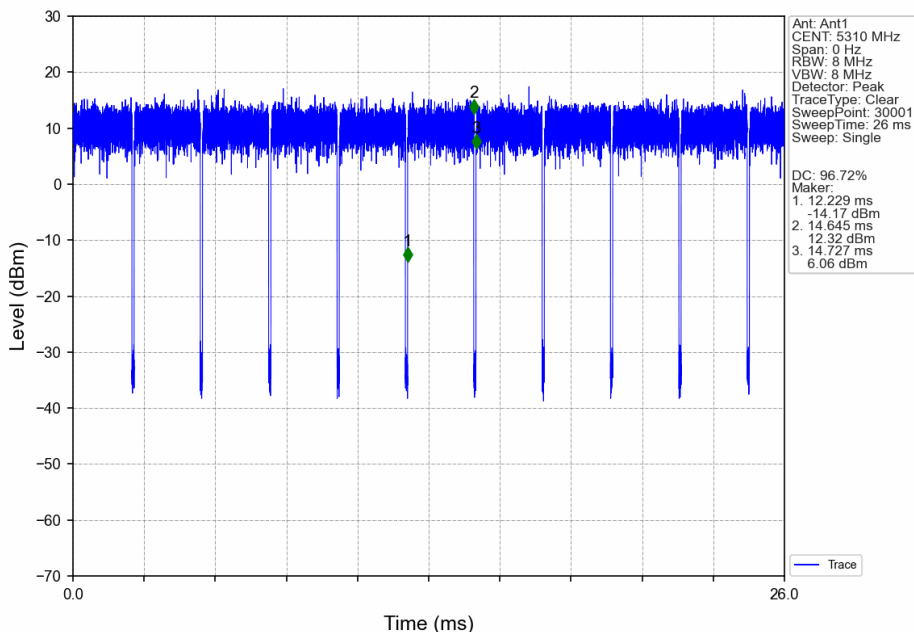
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



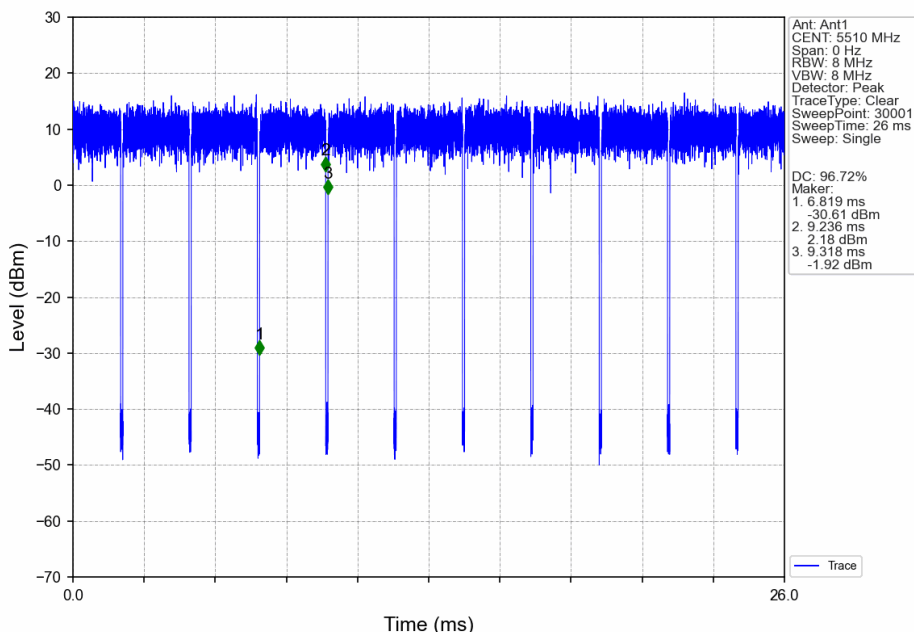
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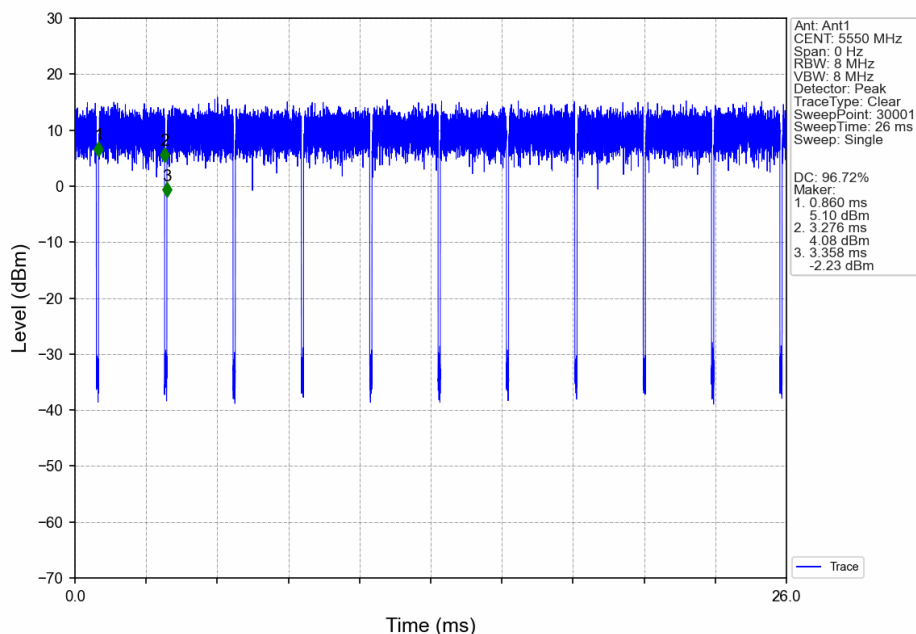
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



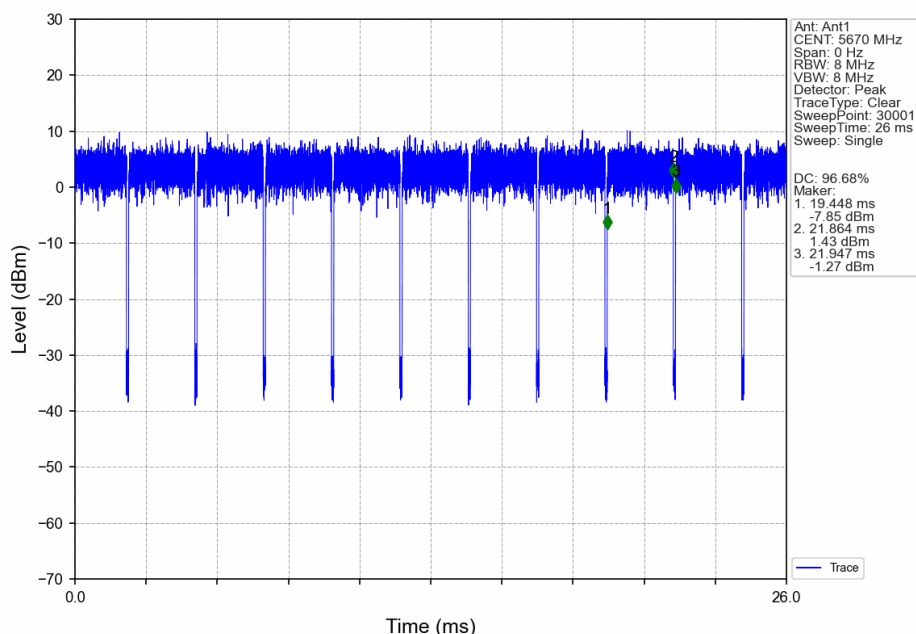
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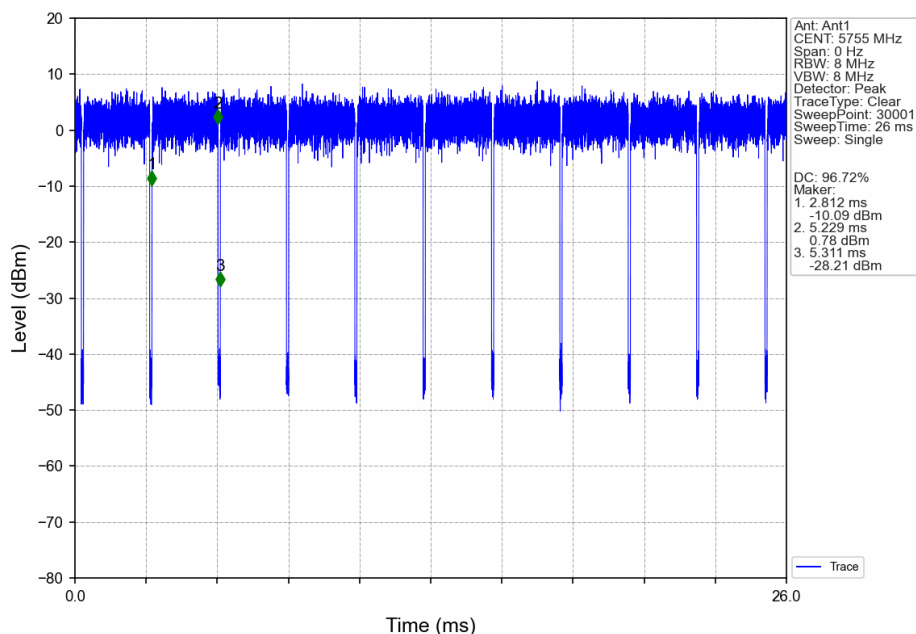
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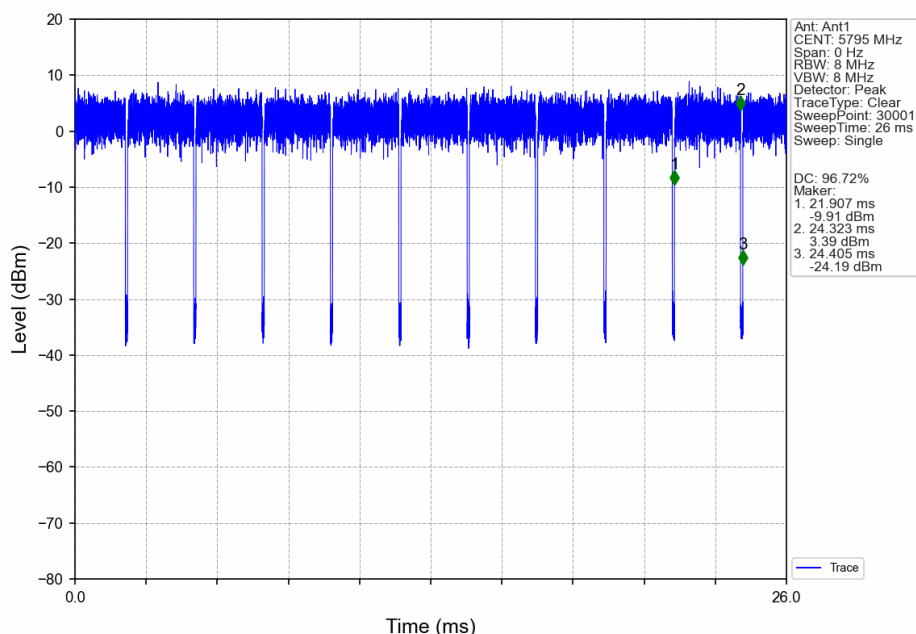
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



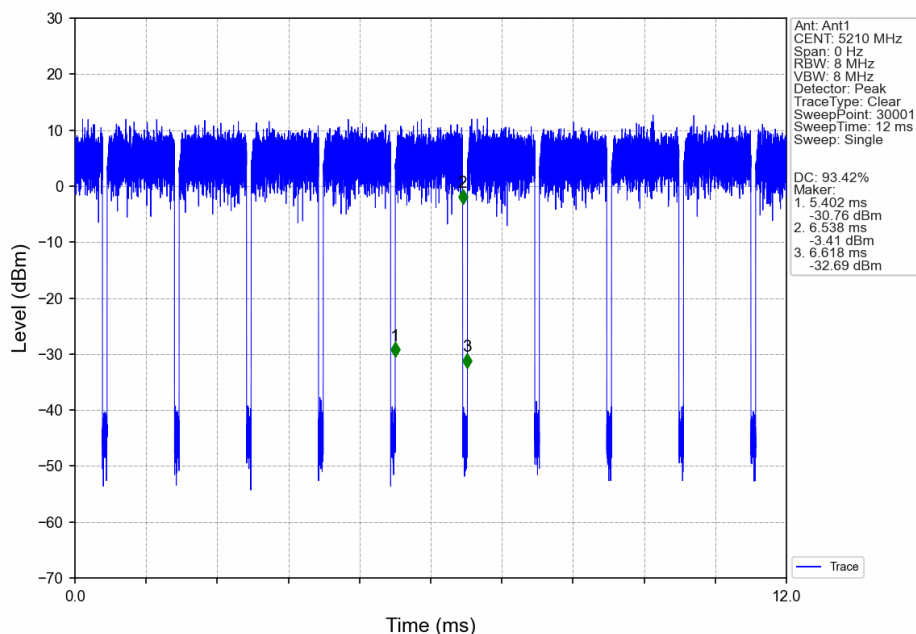
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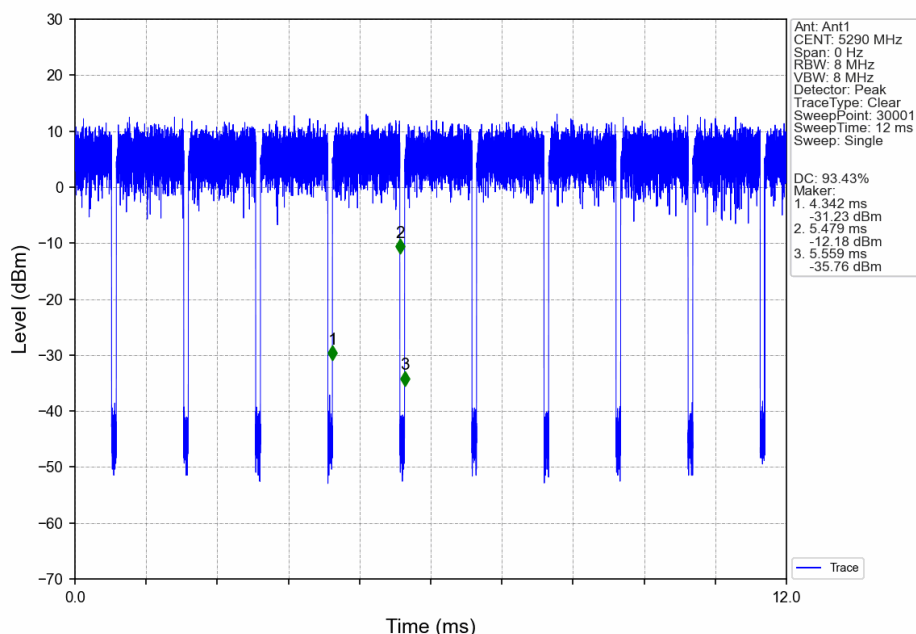
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



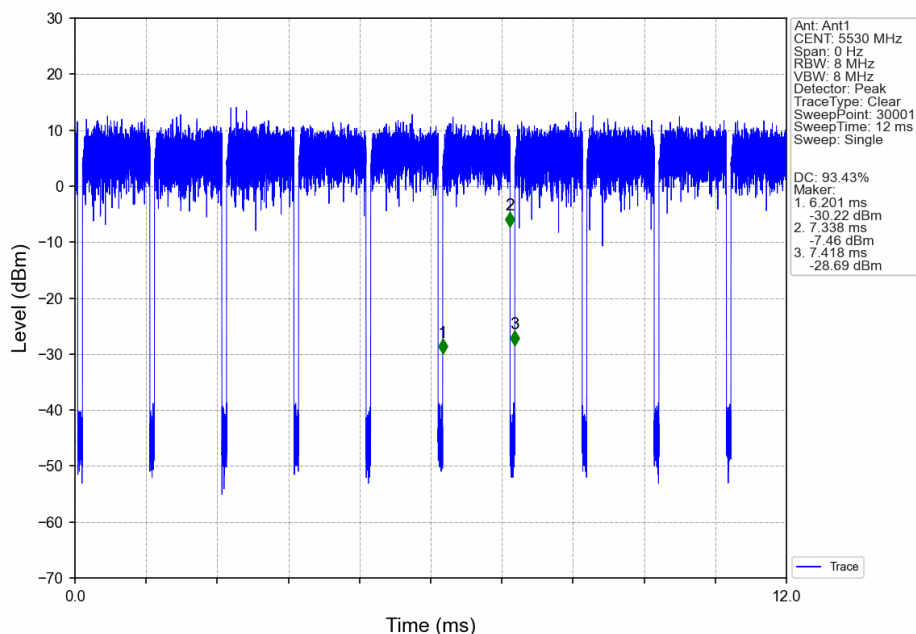
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



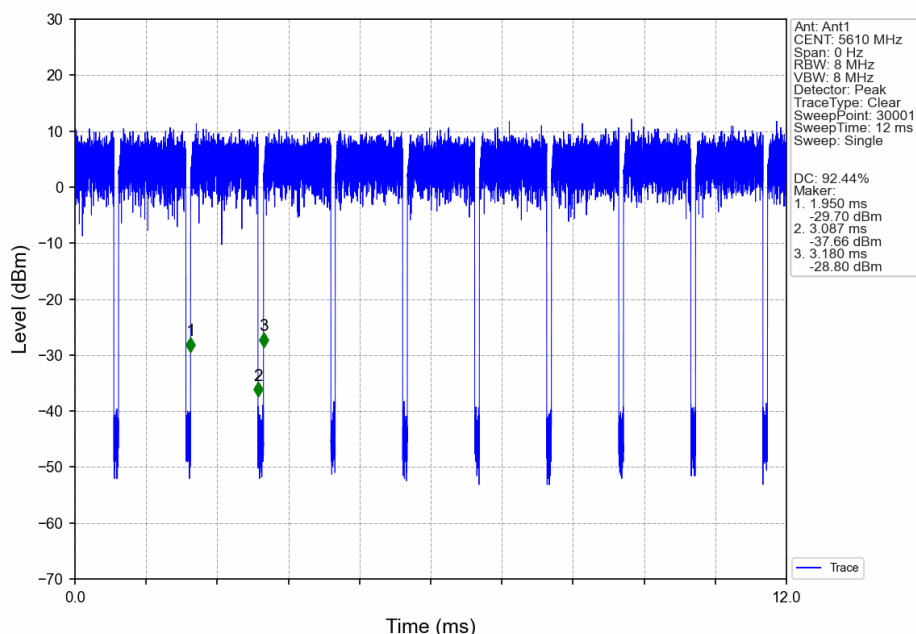
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



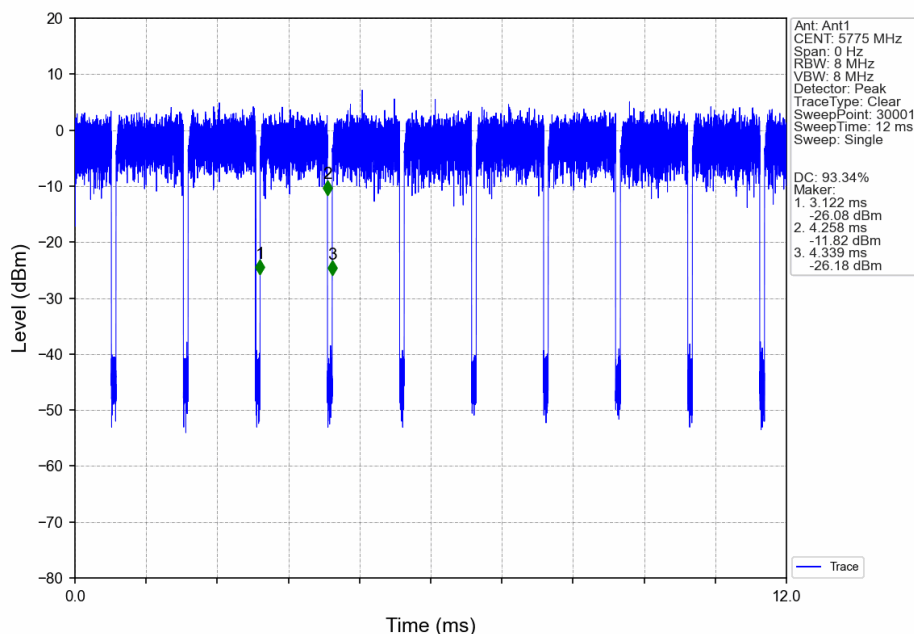
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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	17.702	/	Pass
		5200	1	17.691	/	Pass
		5240	1	17.714	/	Pass
		5260	1	17.746	/	Pass
		5300	1	17.773	/	Pass
		5320	1	17.796	/	Pass
		5500	1	17.744	/	Pass
		5580	1	17.677	/	Pass
		5700	1	17.692	/	Pass
		5745	1	17.629	/	Pass
		5785	1	17.663	/	Pass
		5825	1	17.776	/	Pass
802.11n (HT20)	MIMO	5180	1	18.768	/	Pass
		5200	1	18.709	/	Pass
		5240	1	18.803	/	Pass
		5260	1	18.764	/	Pass
		5300	1	18.780	/	Pass
		5320	1	18.760	/	Pass
		5500	1	18.715	/	Pass
		5580	1	18.748	/	Pass
		5700	1	18.699	/	Pass
		5745	1	18.706	/	Pass
		5785	1	18.661	/	Pass
		5825	1	18.713	/	Pass
802.11n (HT40)	MIMO	5190	1	37.398	/	Pass
		5230	1	37.543	/	Pass
		5270	1	37.392	/	Pass
		5310	1	37.455	/	Pass
		5510	1	37.404	/	Pass
		5550	1	37.350	/	Pass
		5670	1	37.482	/	Pass



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		5755	1	37.571	/	Pass
		5795	1	37.385	/	Pass
802.11ac (VHT20)	MIMO	5180	1	18.780	/	Pass
		5200	1	18.779	/	Pass
		5240	1	18.797	/	Pass
		5260	1	18.791	/	Pass
		5300	1	18.776	/	Pass
		5320	1	18.784	/	Pass
		5500	1	18.731	/	Pass
		5580	1	18.750	/	Pass
		5700	1	18.700	/	Pass
		5745	1	18.734	/	Pass
		5785	1	18.685	/	Pass
		5825	1	18.700	/	Pass
802.11ac (VHT40)	MIMO	5190	1	37.404	/	Pass
		5230	1	37.465	/	Pass
		5270	1	37.374	/	Pass
		5310	1	37.440	/	Pass
		5510	1	37.376	/	Pass
		5550	1	37.553	/	Pass
		5670	1	37.328	/	Pass
		5755	1	37.346	/	Pass
802.11ac (VHT80)	MIMO	5795	1	37.423	/	Pass
		5210	1	77.683	/	Pass
		5290	1	77.496	/	Pass
		5530	1	77.498	/	Pass
		5610	1	77.488	/	Pass
		5775	1	77.716	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.398	≥ 0.5	Pass
		5785	1	16.395	≥ 0.5	Pass
		5825	1	16.402	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.654	≥ 0.5	Pass
		5785	1	17.660	≥ 0.5	Pass
		5825	1	17.621	≥ 0.5	Pass
802.11n	MIMO	5755	1	36.376	≥ 0.5	Pass



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(HT40)		5795	1	36.344	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.604	≥ 0.5	Pass
		5785	1	17.623	≥ 0.5	Pass
		5825	1	17.616	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	36.341	≥ 0.5	Pass
		5795	1	36.124	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	76.346	≥ 0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	21.691	/	Pass
		5200	1	21.783	/	Pass
		5240	1	21.864	/	Pass
		5260	1	21.961	/	Pass
		5300	1	21.586	/	Pass
		5320	1	21.825	/	Pass
		5500	1	21.613	/	Pass
		5580	1	21.563	/	Pass
802.11n (HT20)	MIMO	5180	1	22.658	/	Pass
		5200	1	22.646	/	Pass
		5240	1	22.630	/	Pass
		5260	1	22.879	/	Pass
		5300	1	22.683	/	Pass
		5320	1	22.431	/	Pass
		5500	1	23.272	/	Pass
		5580	1	22.517	/	Pass
802.11n (HT40)	MIMO	5190	1	43.998	/	Pass
		5230	1	44.820	/	Pass
		5270	1	44.518	/	Pass
		5310	1	44.167	/	Pass
		5510	1	44.307	/	Pass
		5550	1	44.138	/	Pass
		5670	1	44.222	/	Pass
802.11ac (VHT20)	MIMO	5180	1	22.484	/	Pass
		5200	1	22.448	/	Pass
		5240	1	22.816	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250100016404

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		5260	1	22.368	/	Pass
		5300	1	22.932	/	Pass
		5320	1	22.723	/	Pass
		5500	1	22.354	/	Pass
		5580	1	22.469	/	Pass
		5700	1	22.332	/	Pass
802.11ac (VHT40)	MIMO	5190	1	44.158	/	Pass
		5230	1	44.630	/	Pass
		5270	1	44.509	/	Pass
		5310	1	44.558	/	Pass
		5510	1	43.952	/	Pass
		5550	1	43.979	/	Pass
802.11ac (VHT80)	MIMO	5670	1	44.335	/	Pass
		5210	1	89.246	/	Pass
		5290	1	88.749	/	Pass
		5530	1	88.388	/	Pass
		5610	1	88.256	/	Pass



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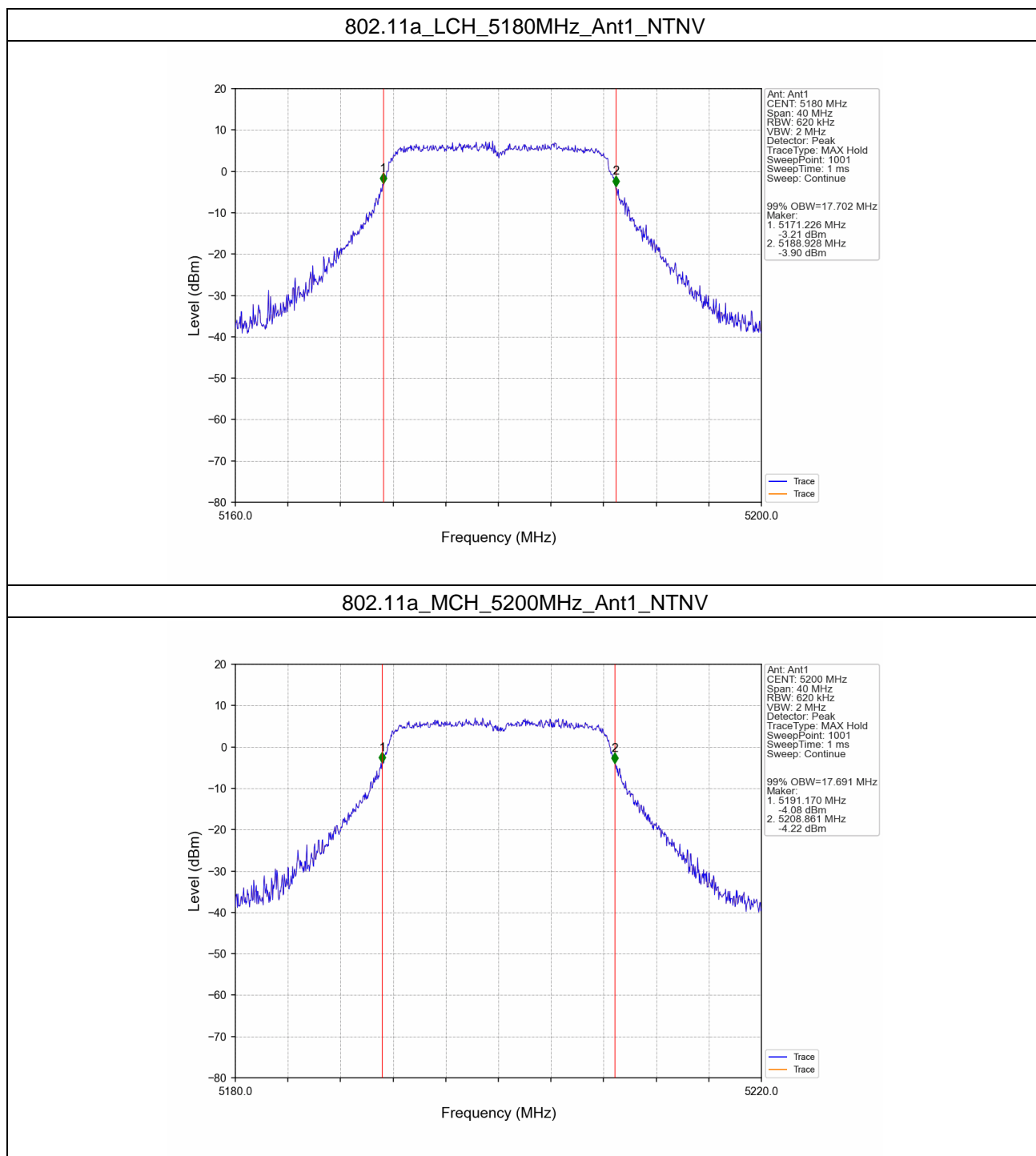
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2.2 Test Graph

2.2.1 OBW



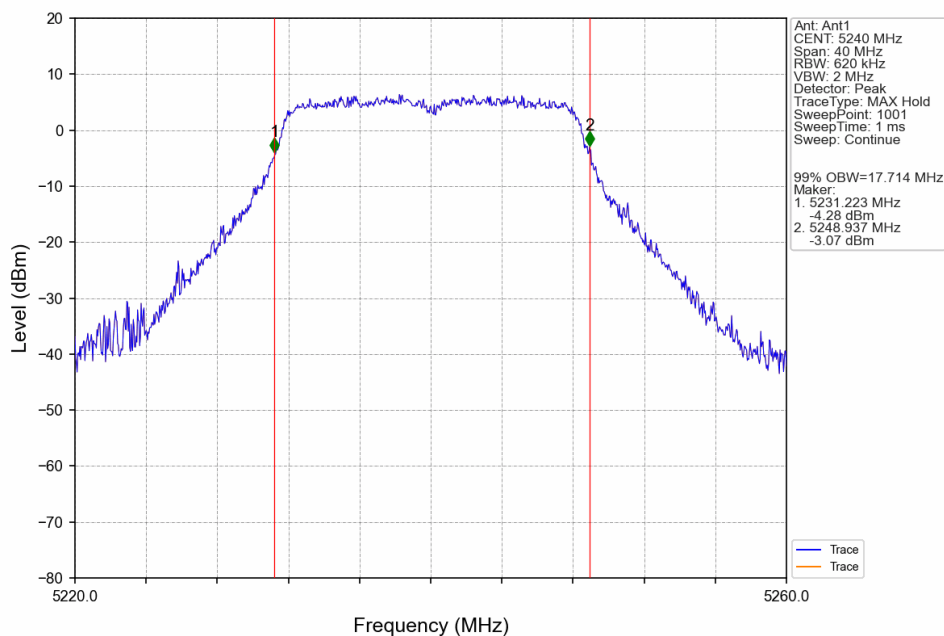
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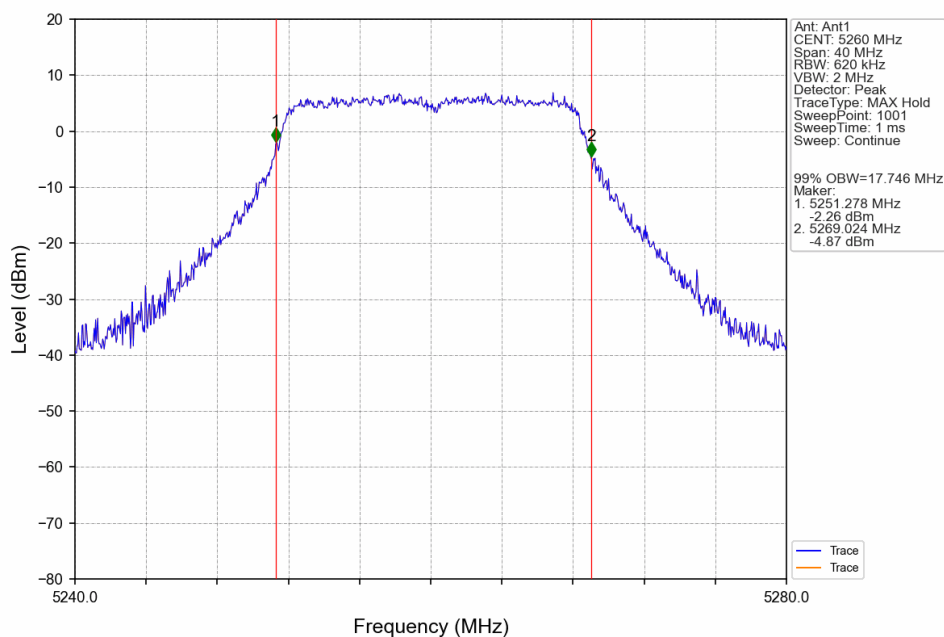
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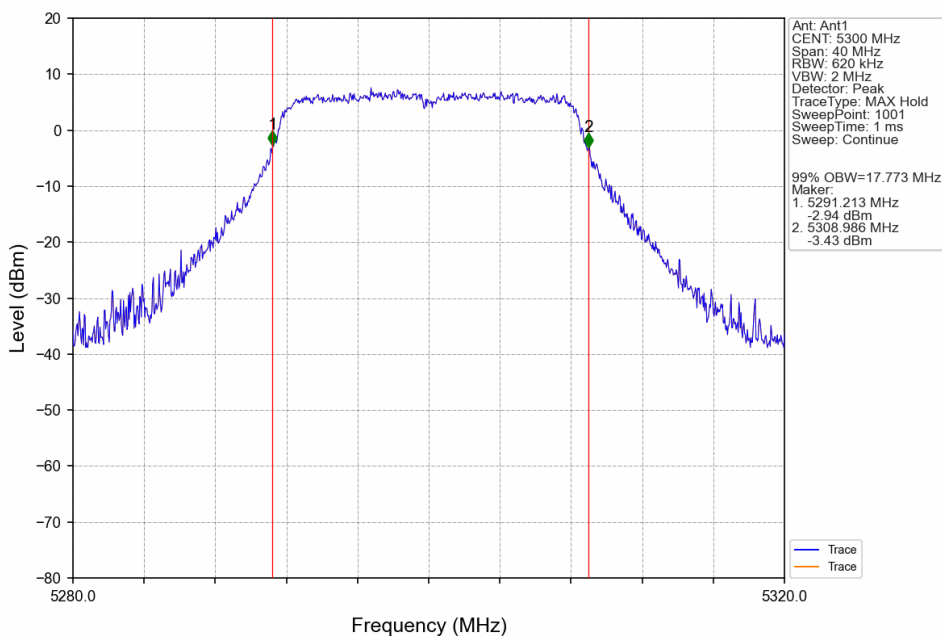
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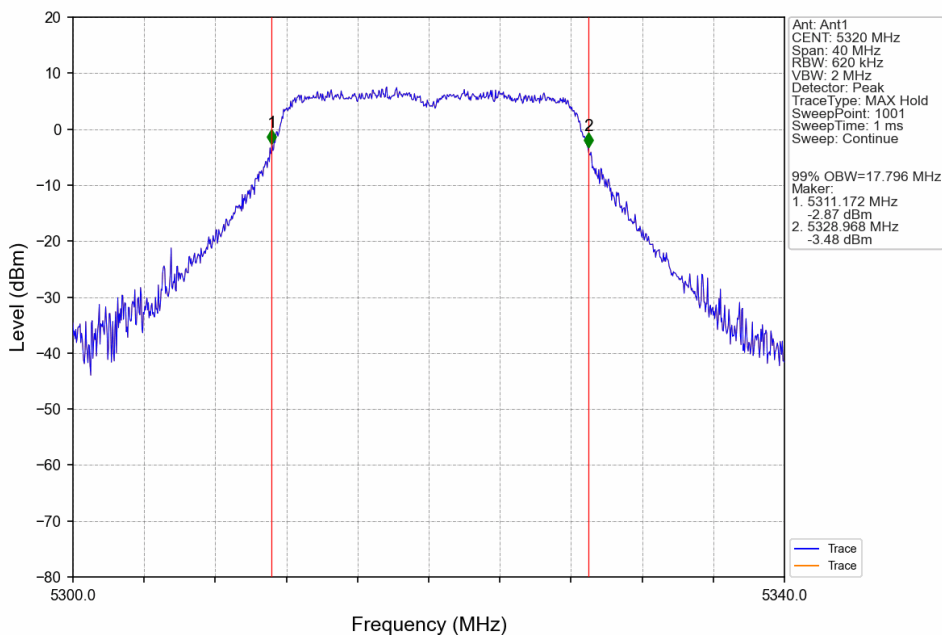
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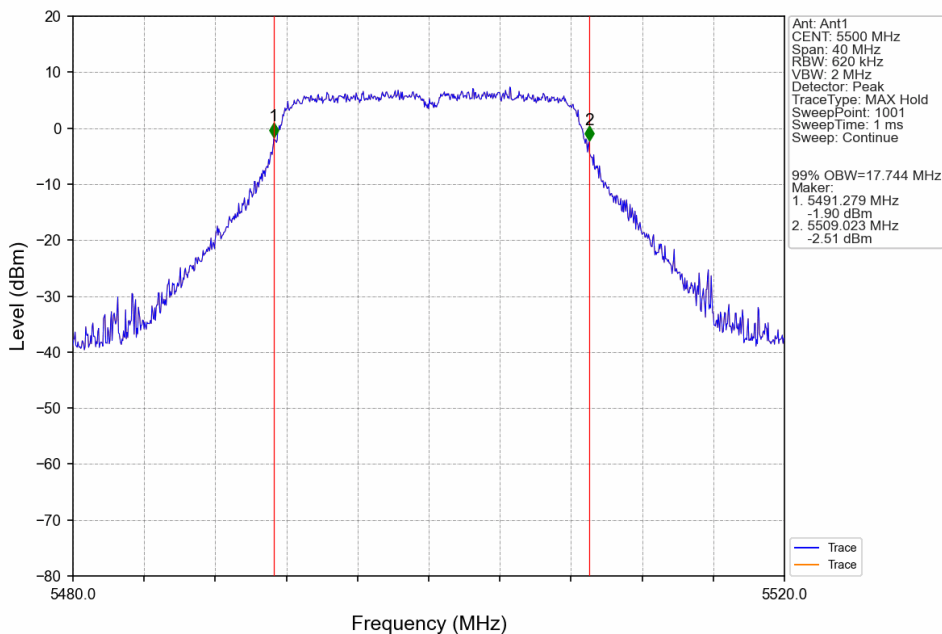
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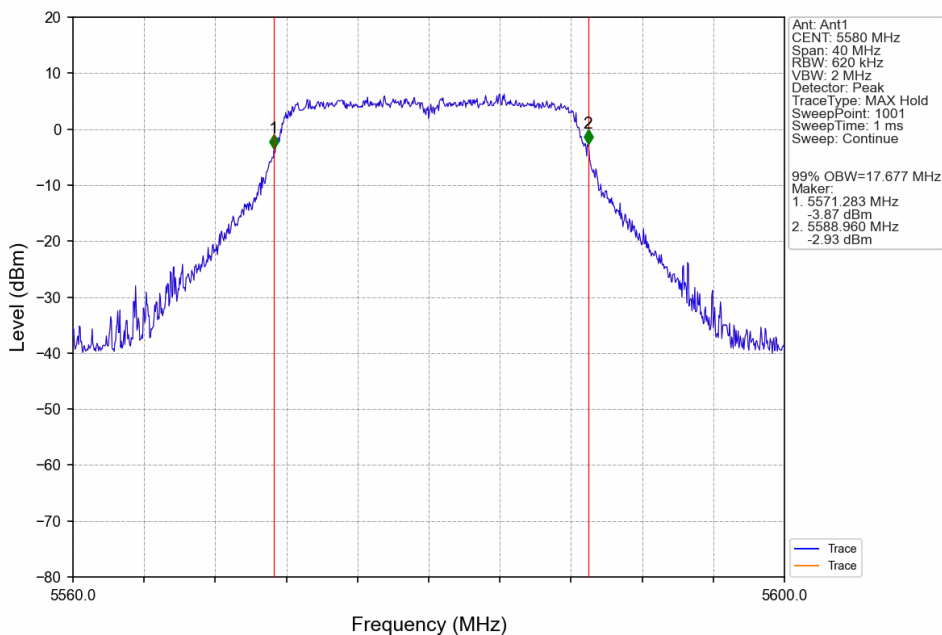
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



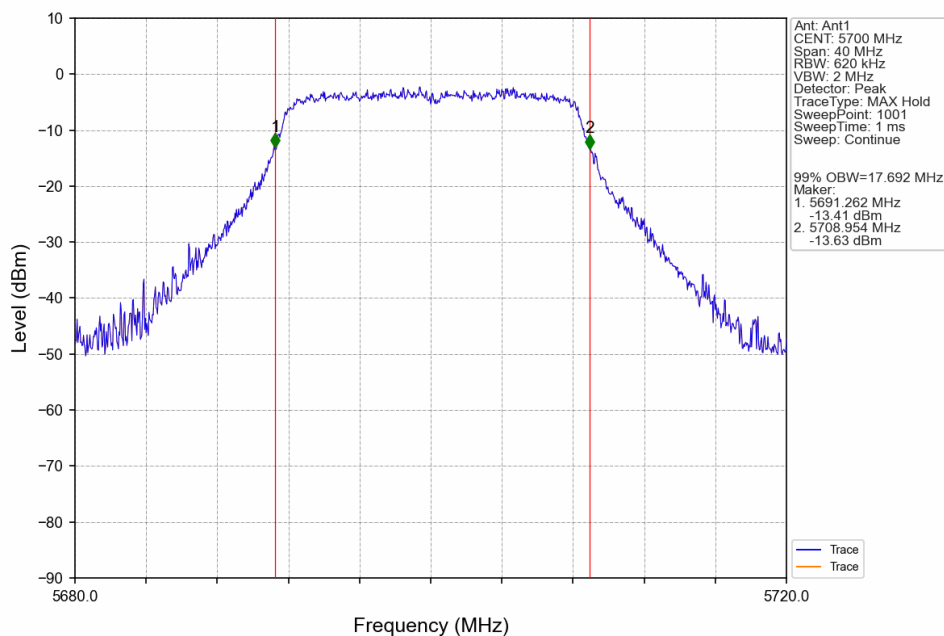
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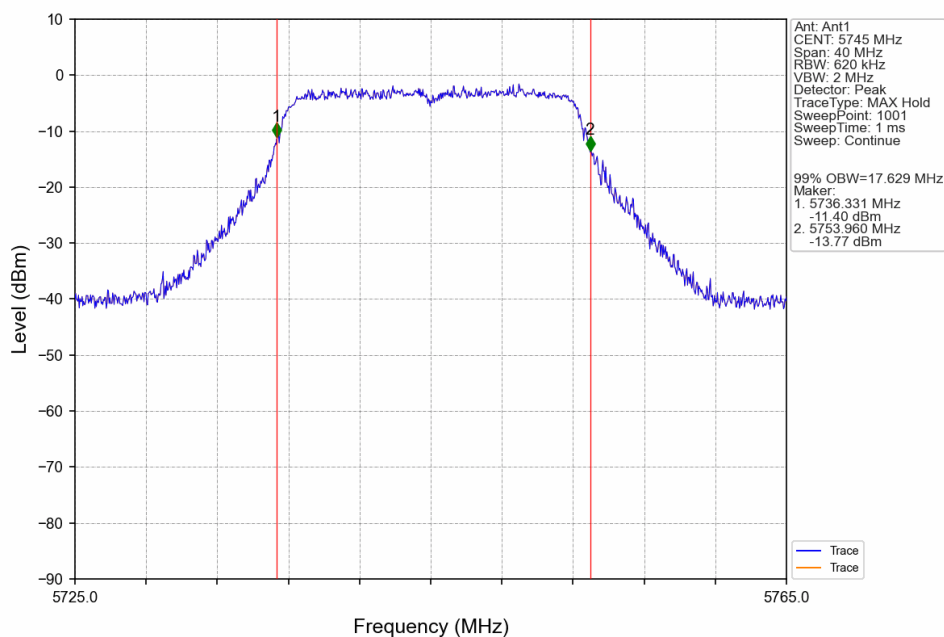
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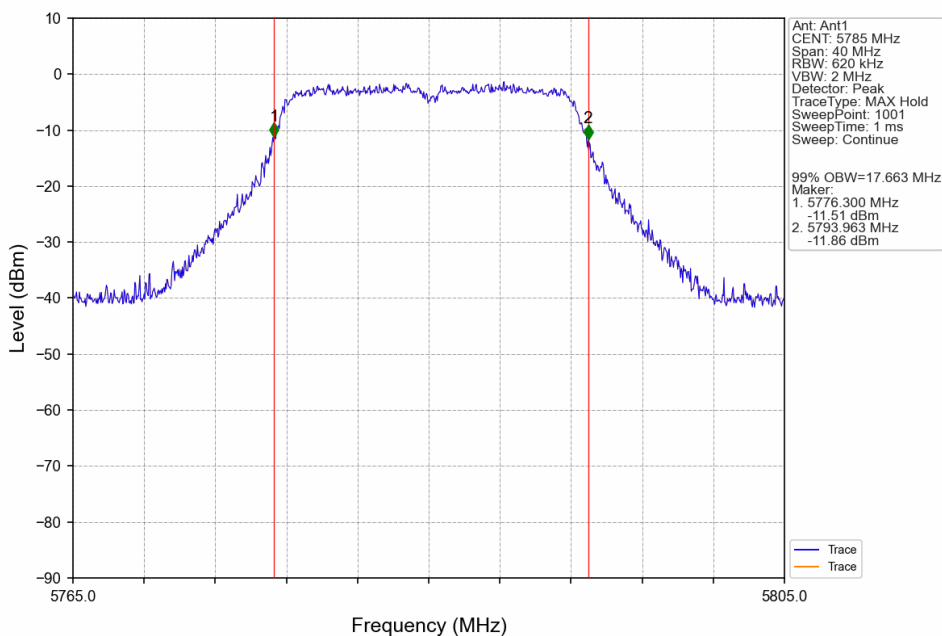
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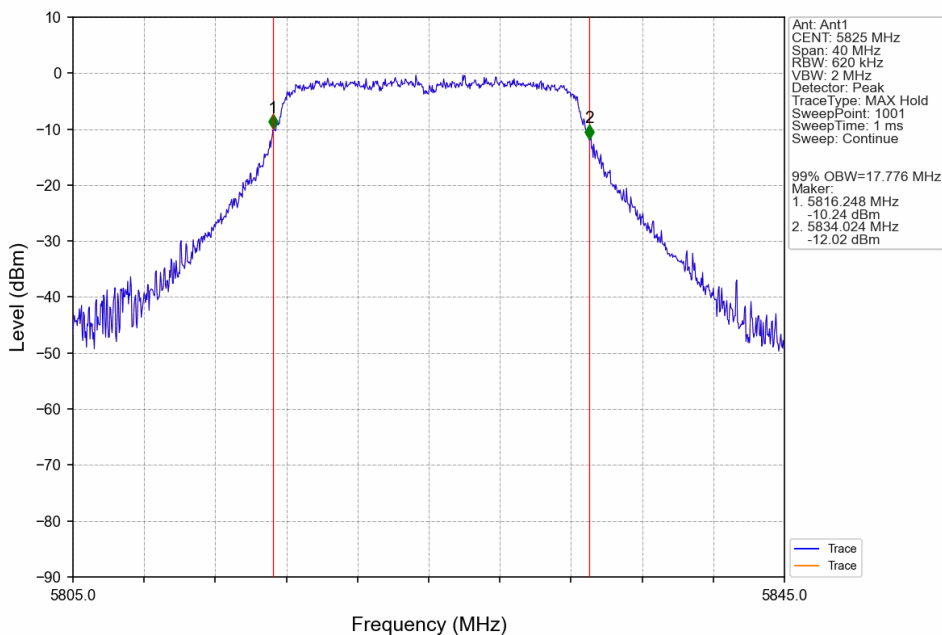
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



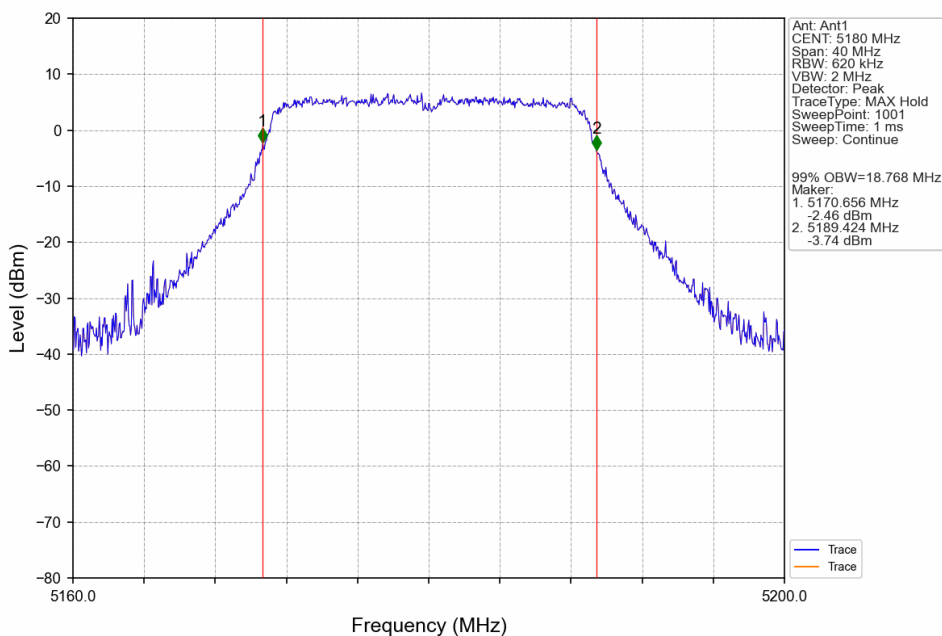
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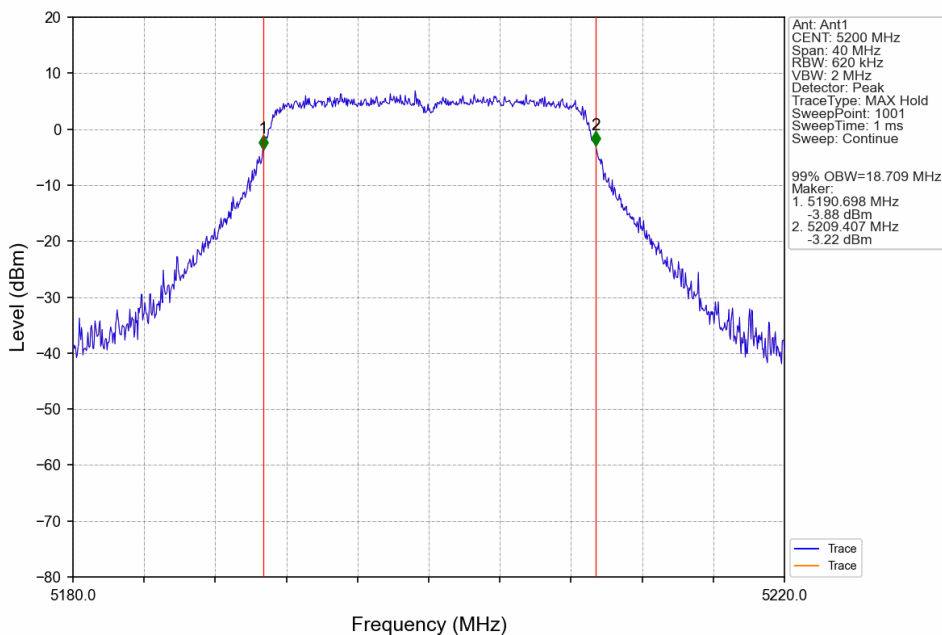
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



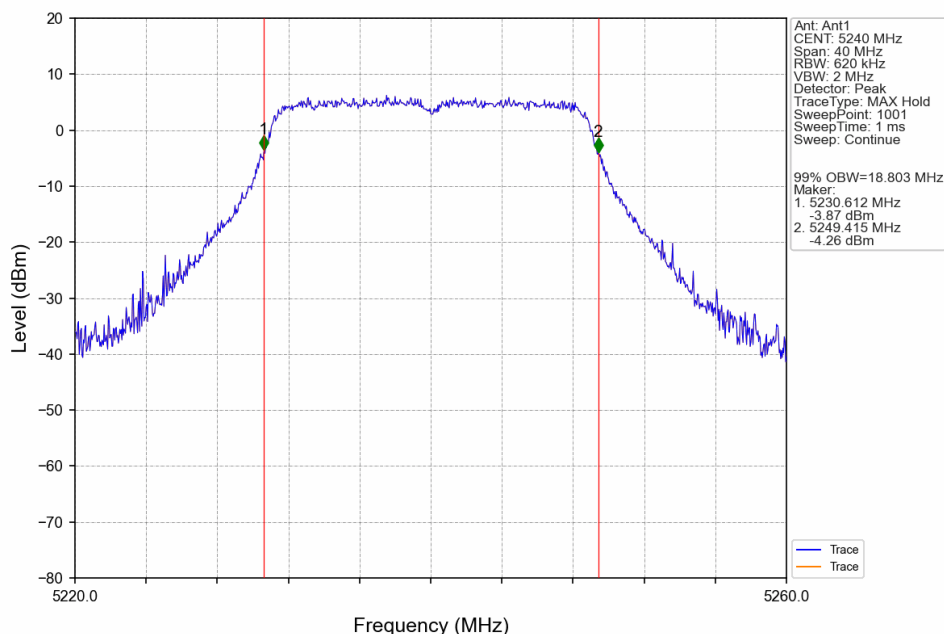
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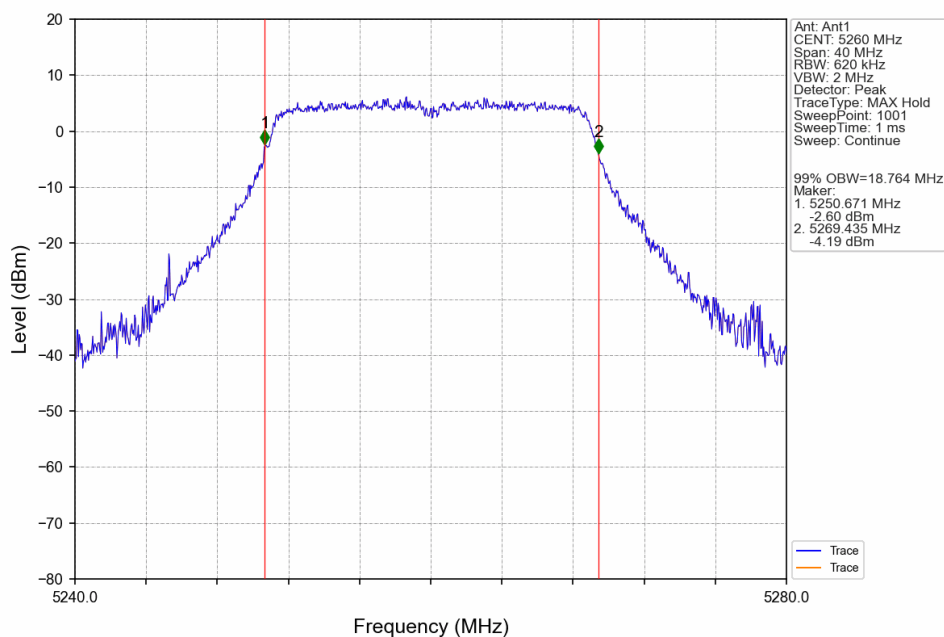
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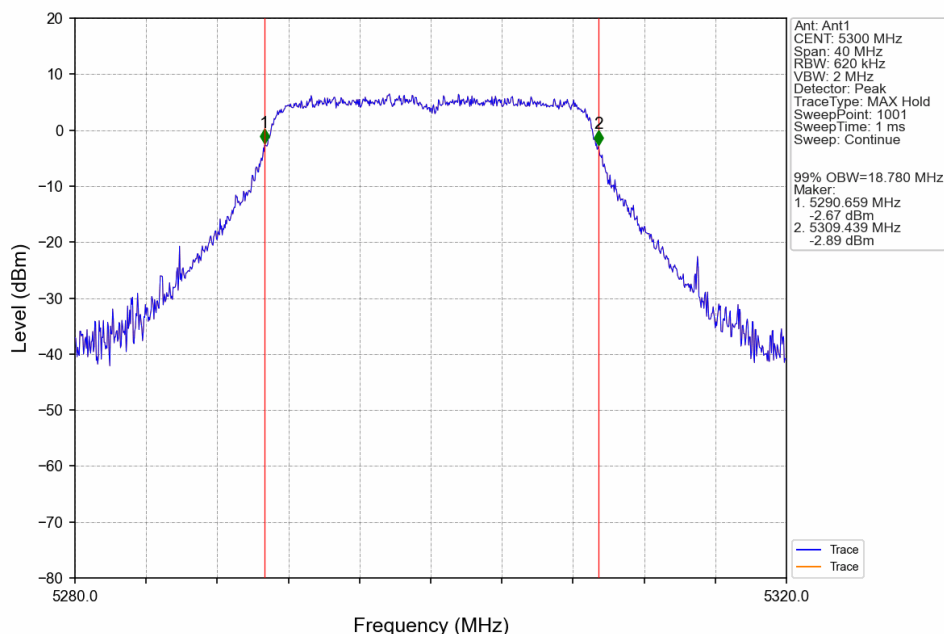
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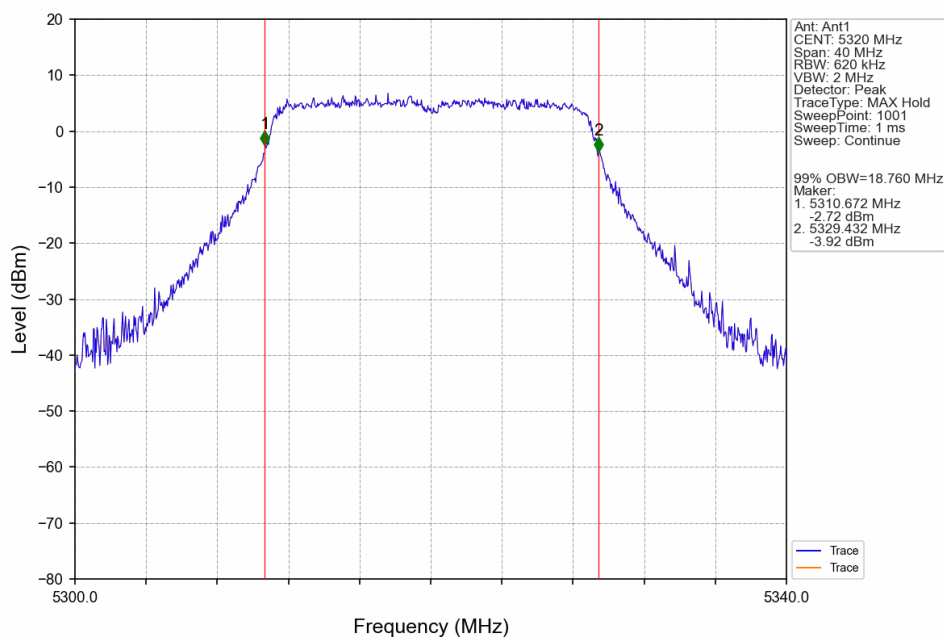
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



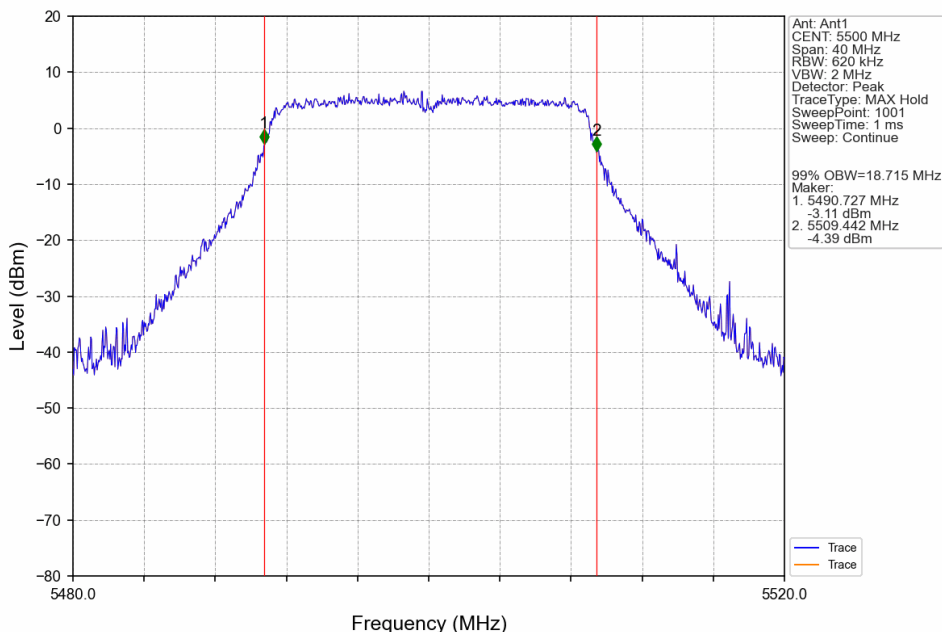
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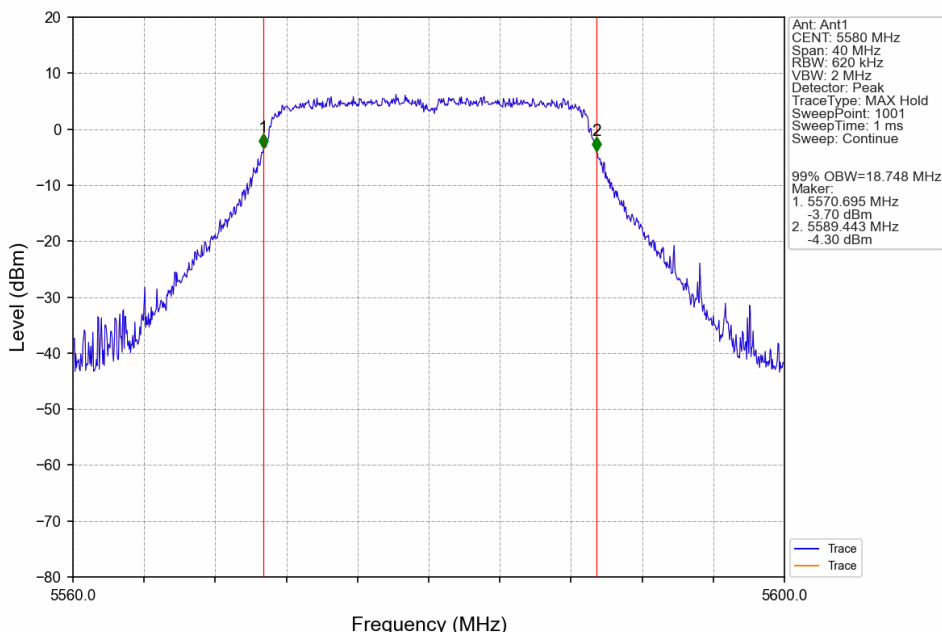
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



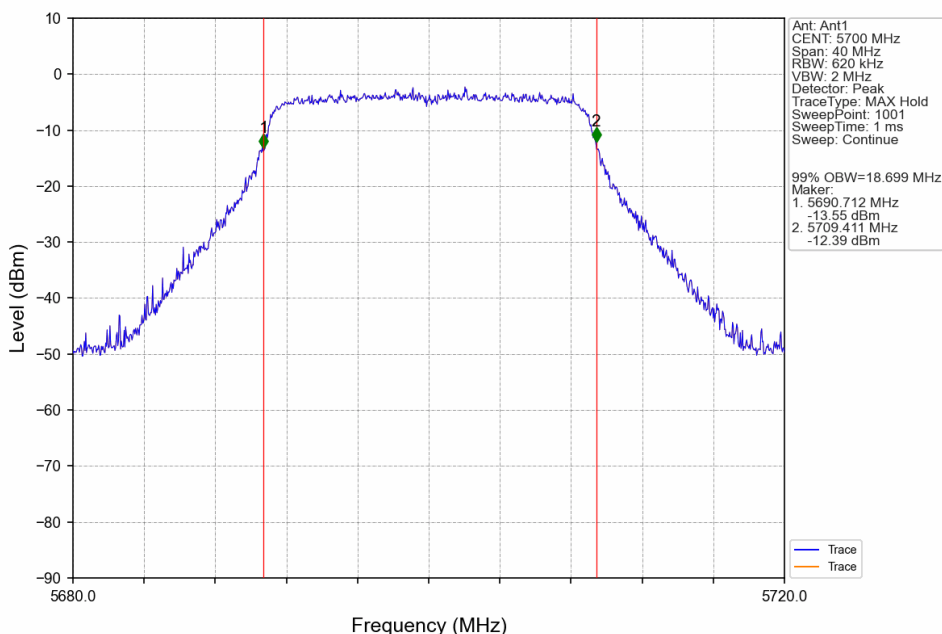
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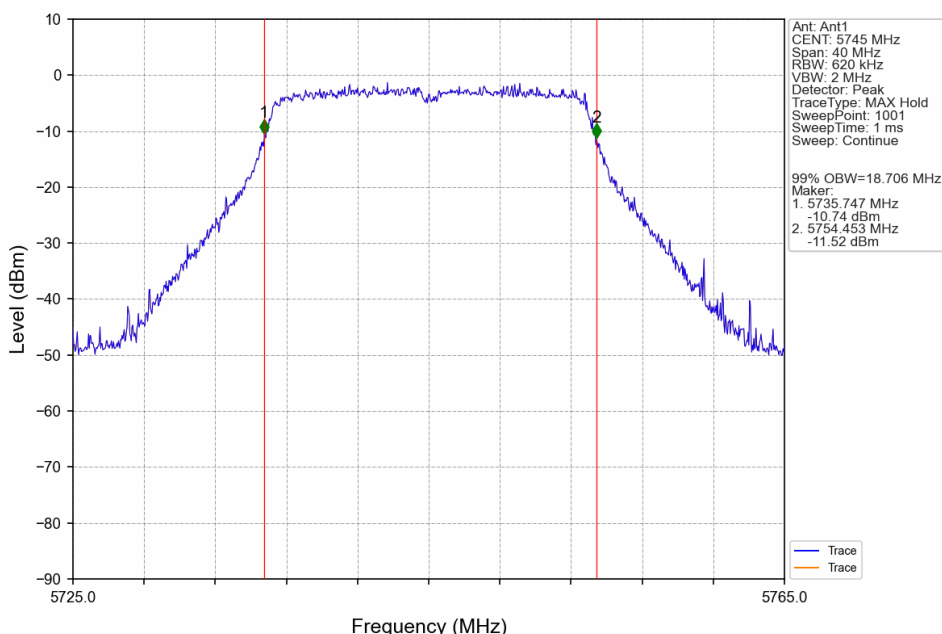
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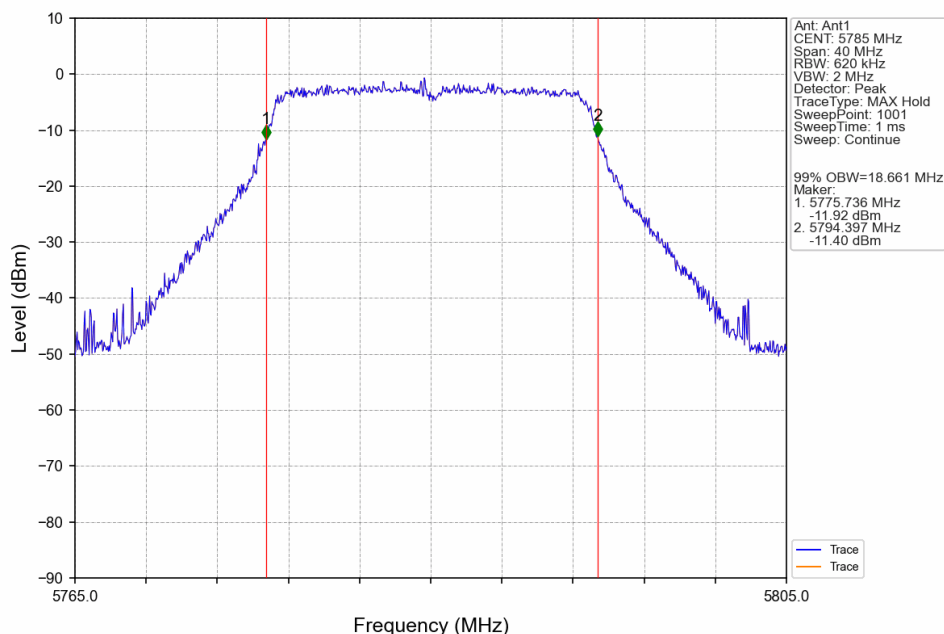
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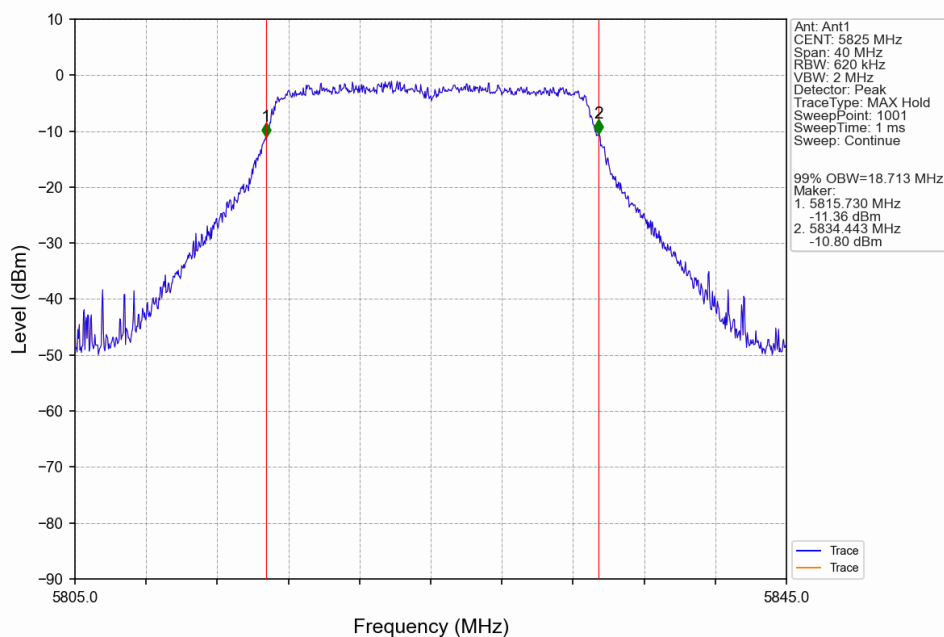
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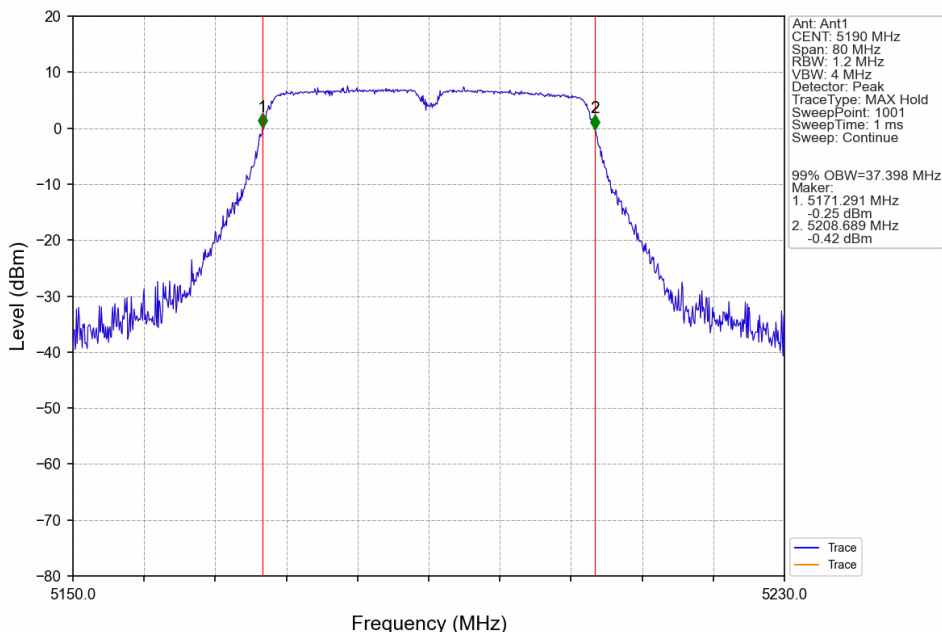
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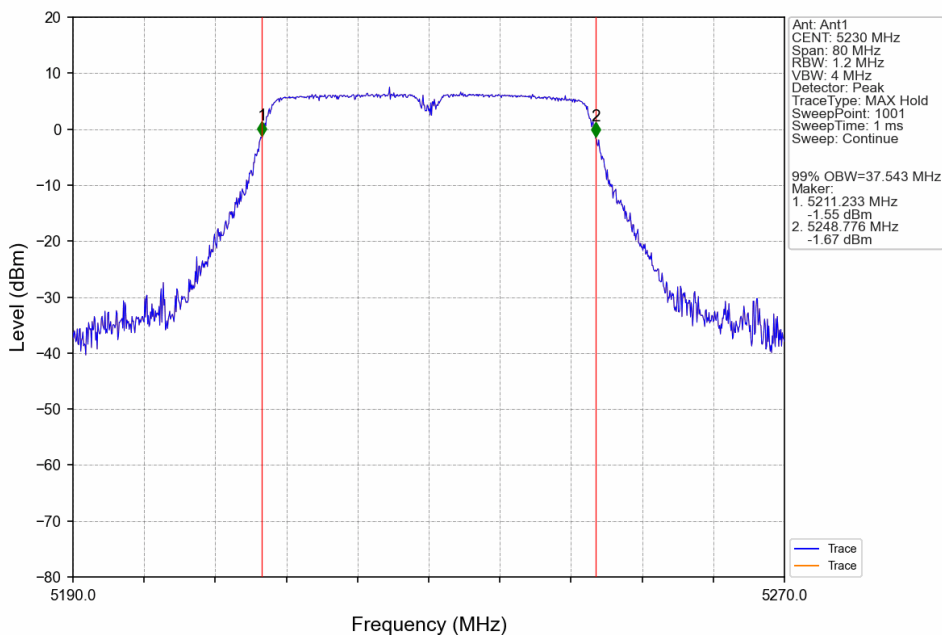
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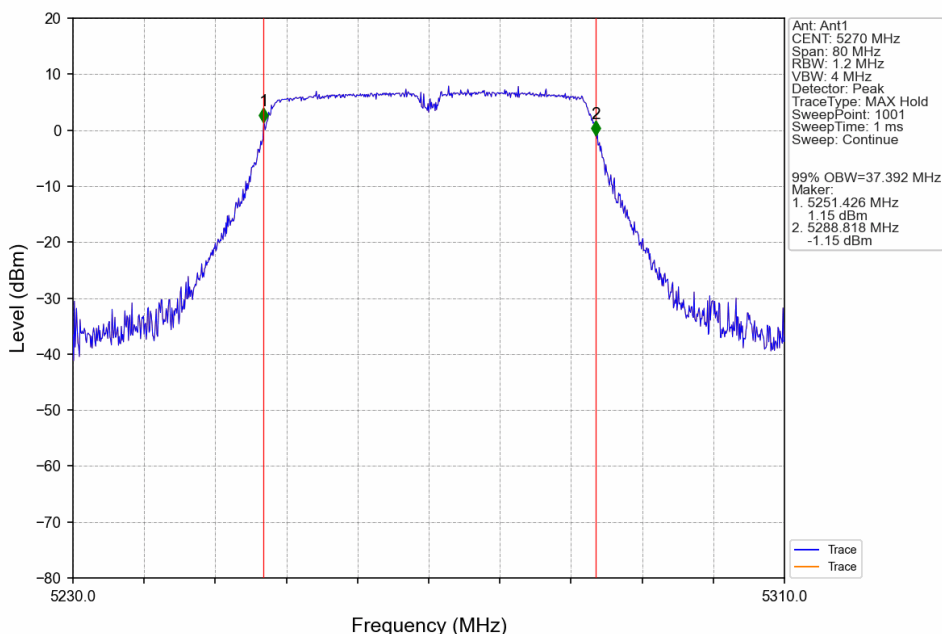
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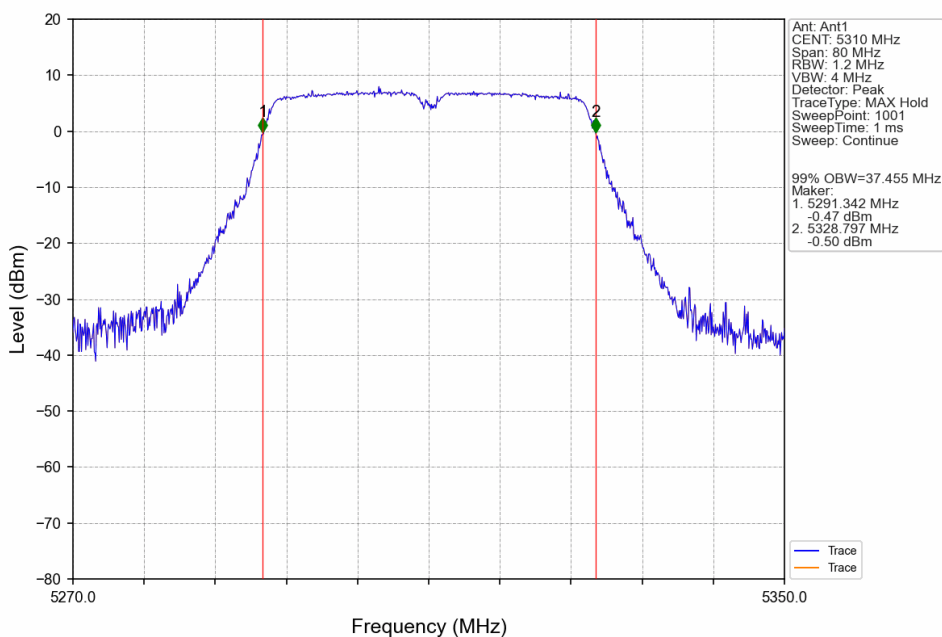
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802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



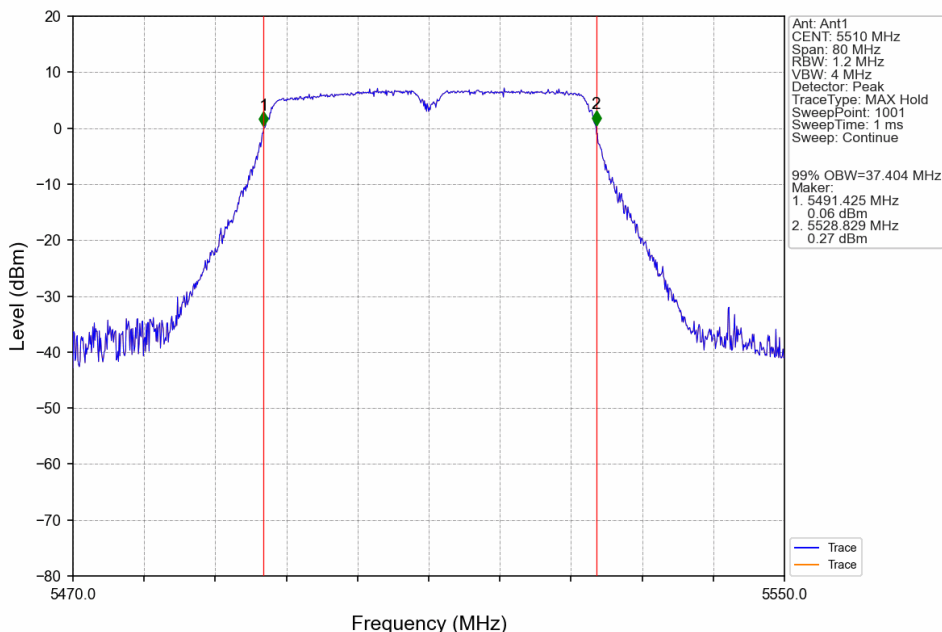
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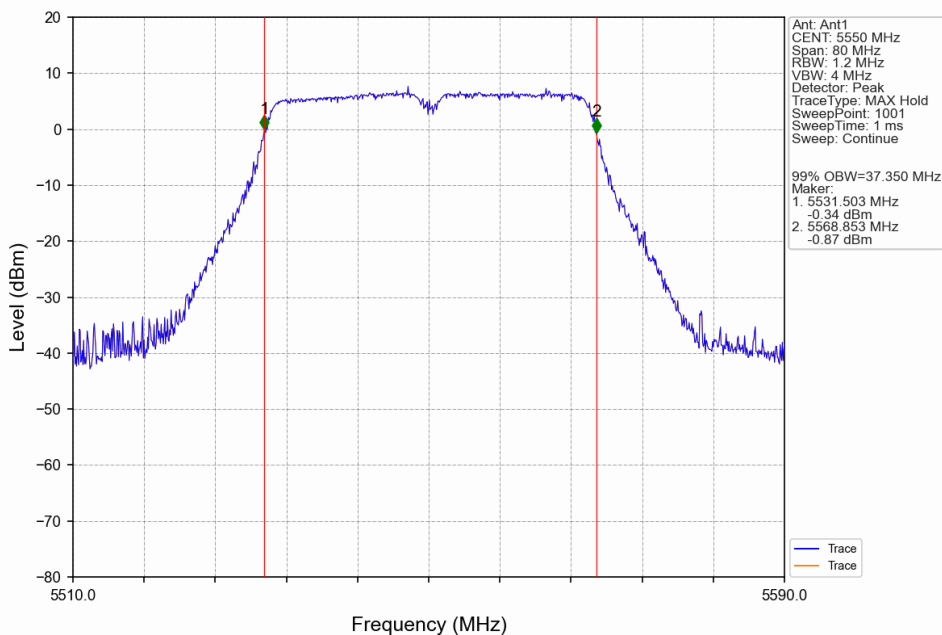
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



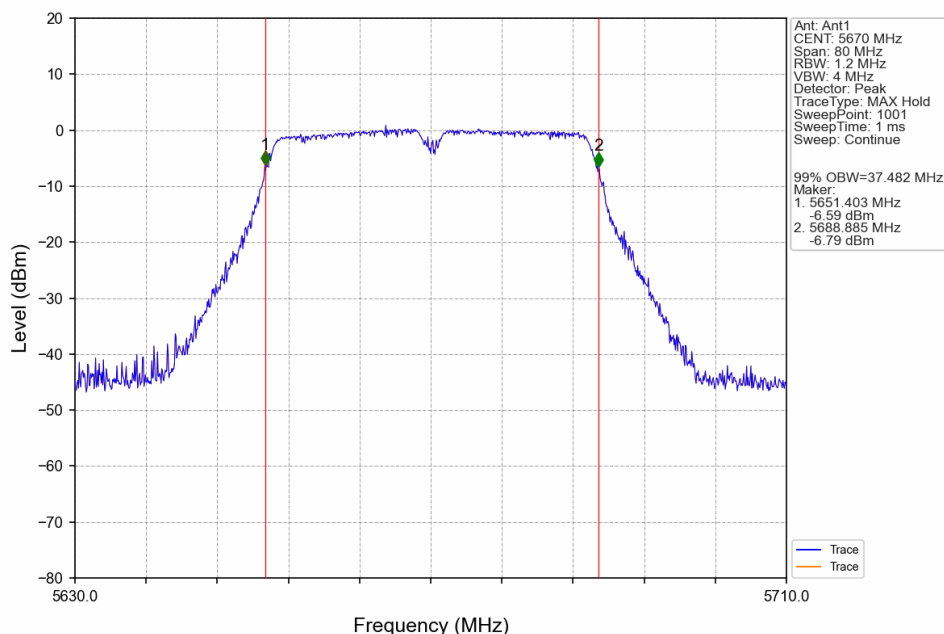
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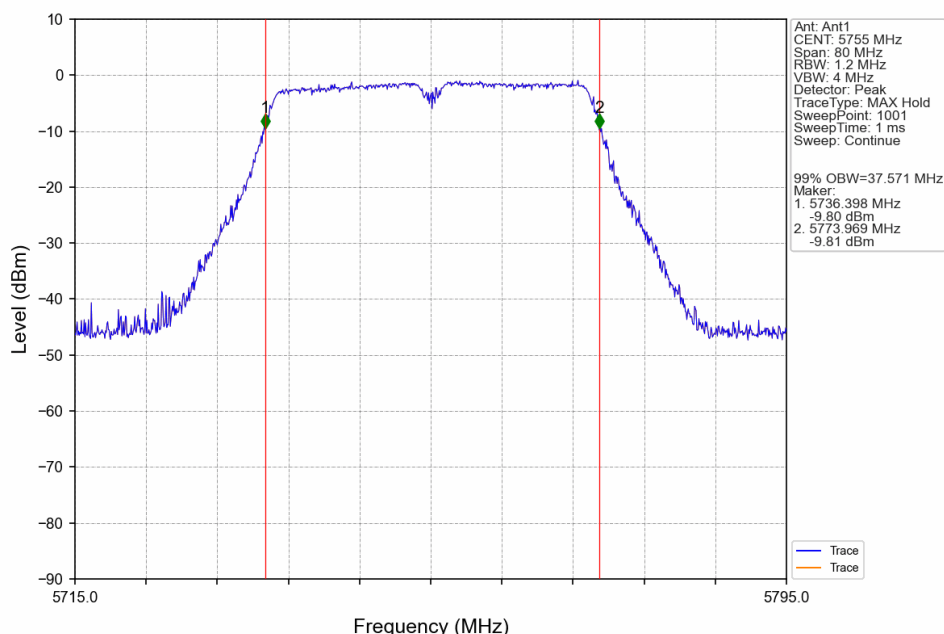
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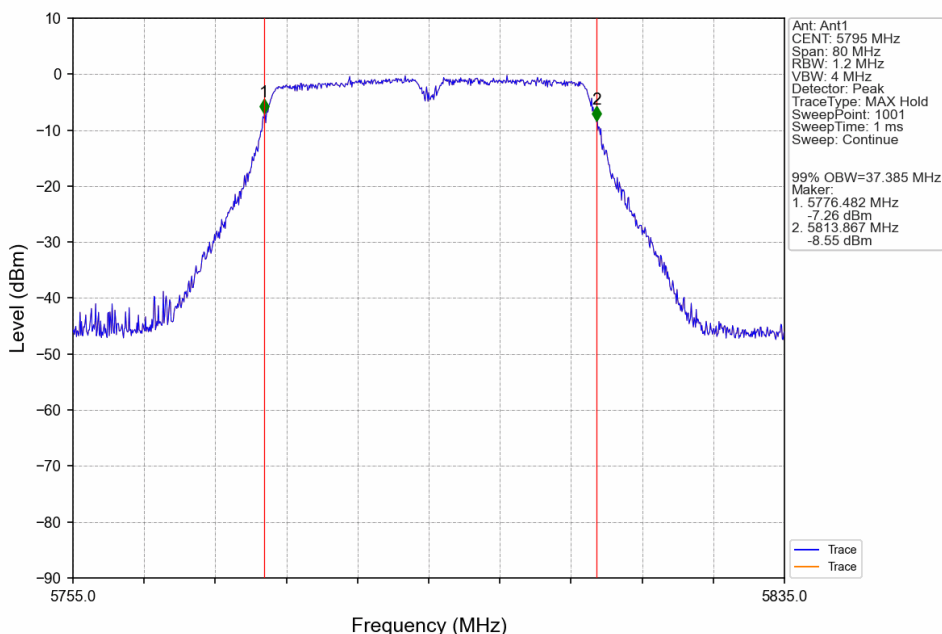
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



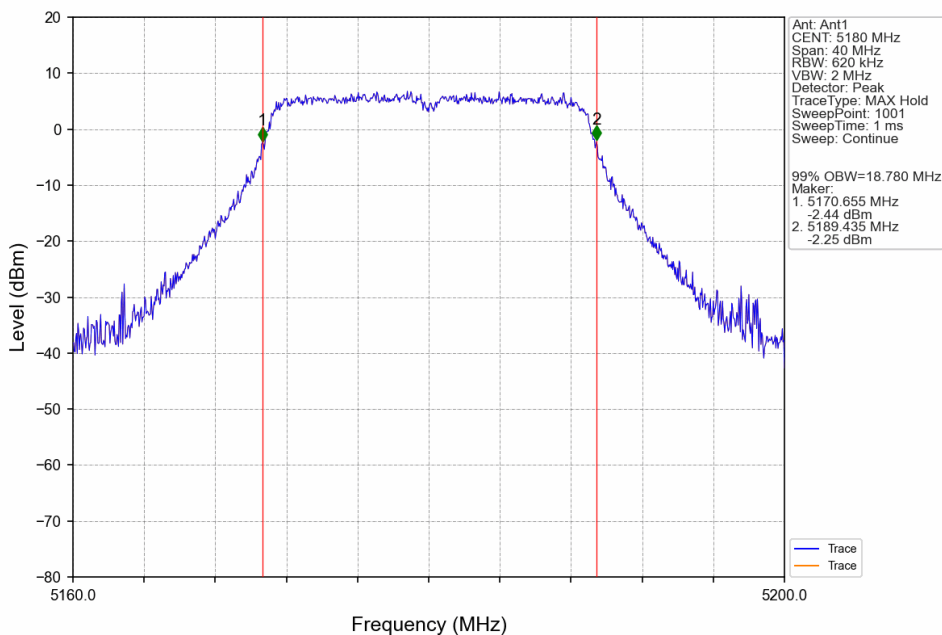
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



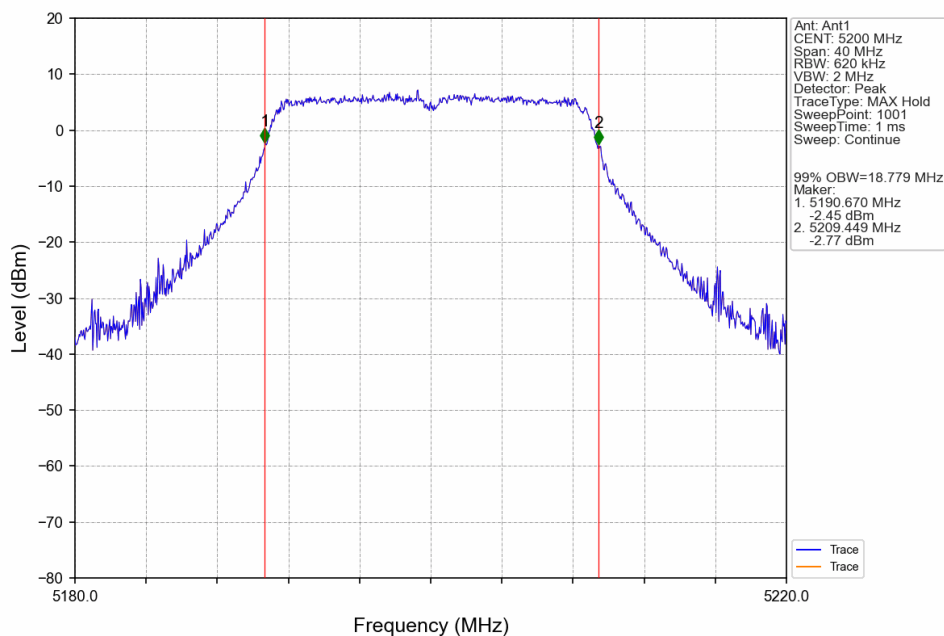
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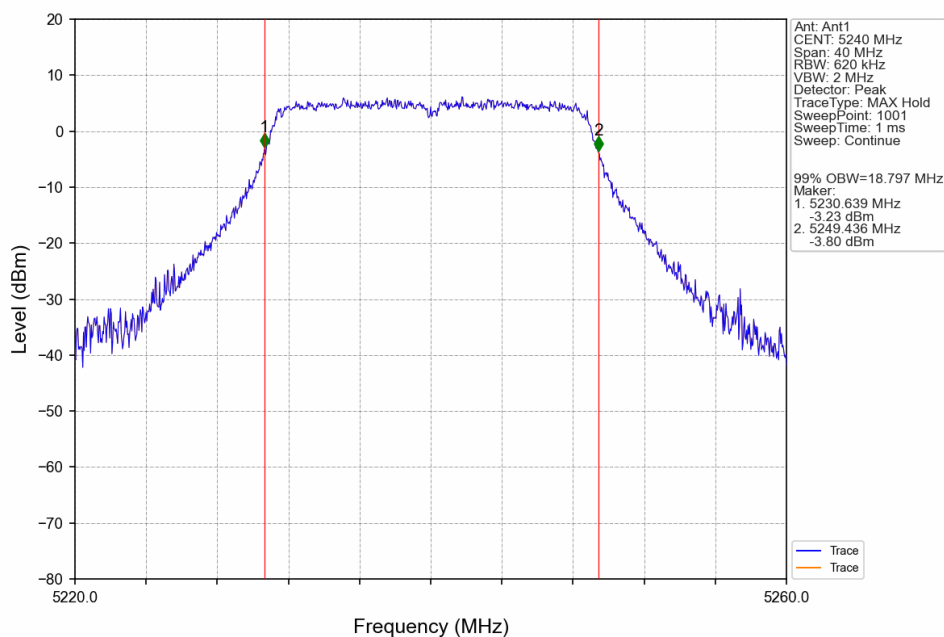
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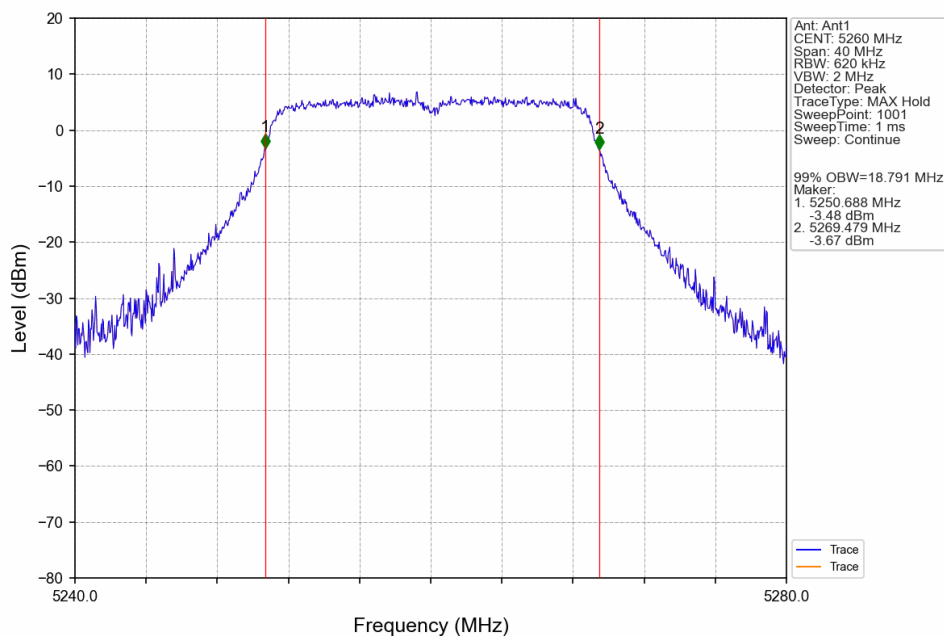
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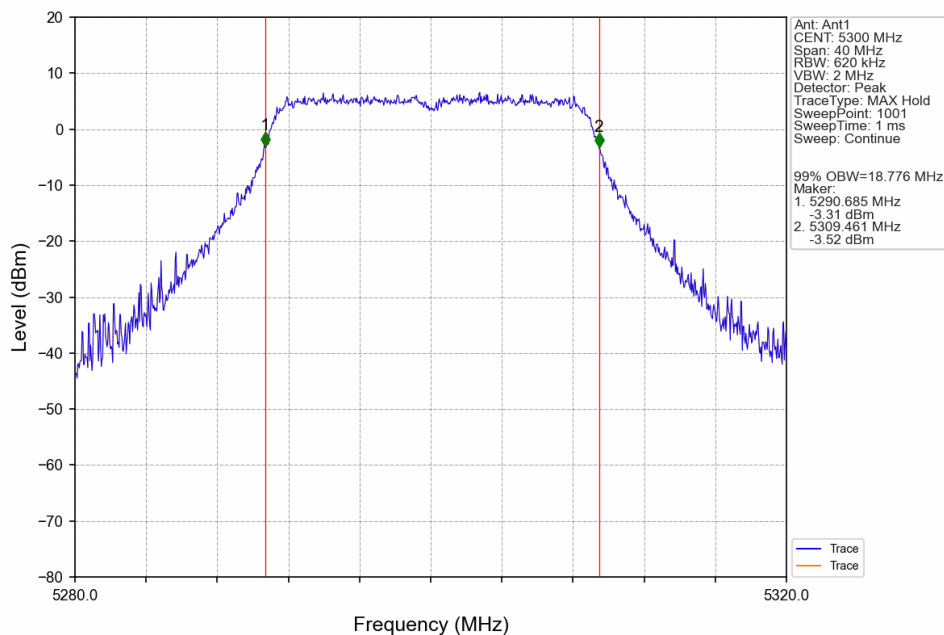
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



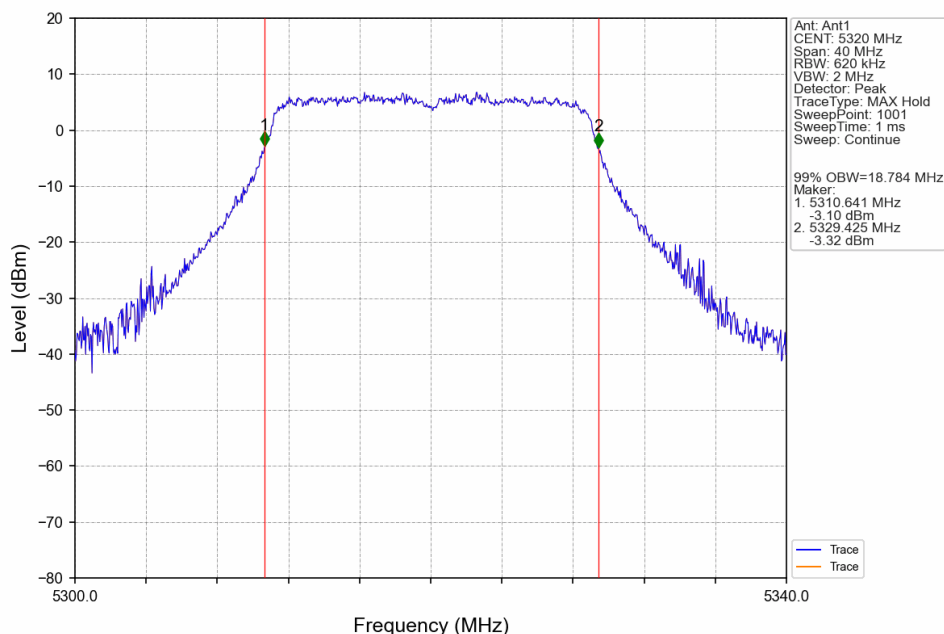
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



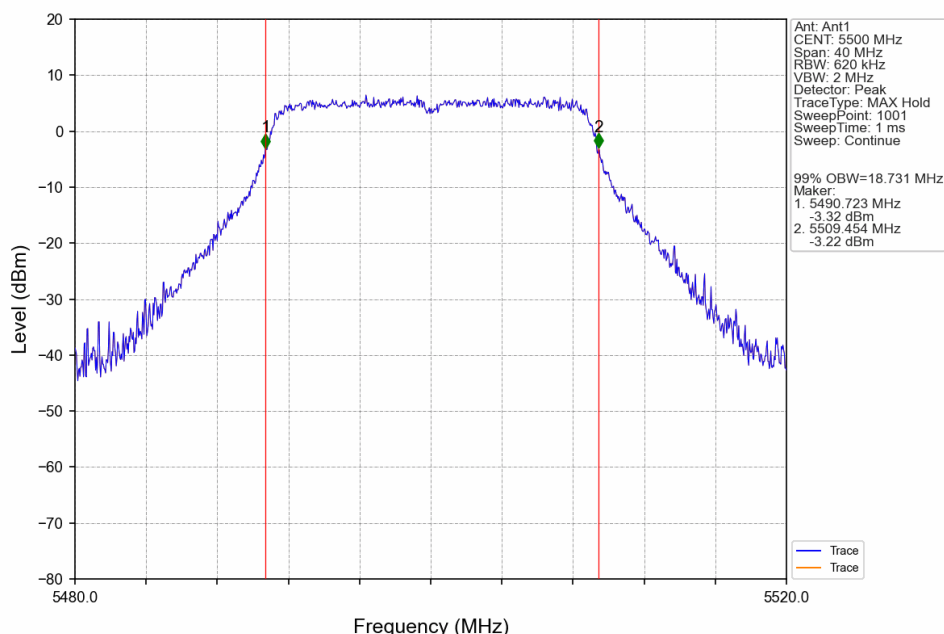
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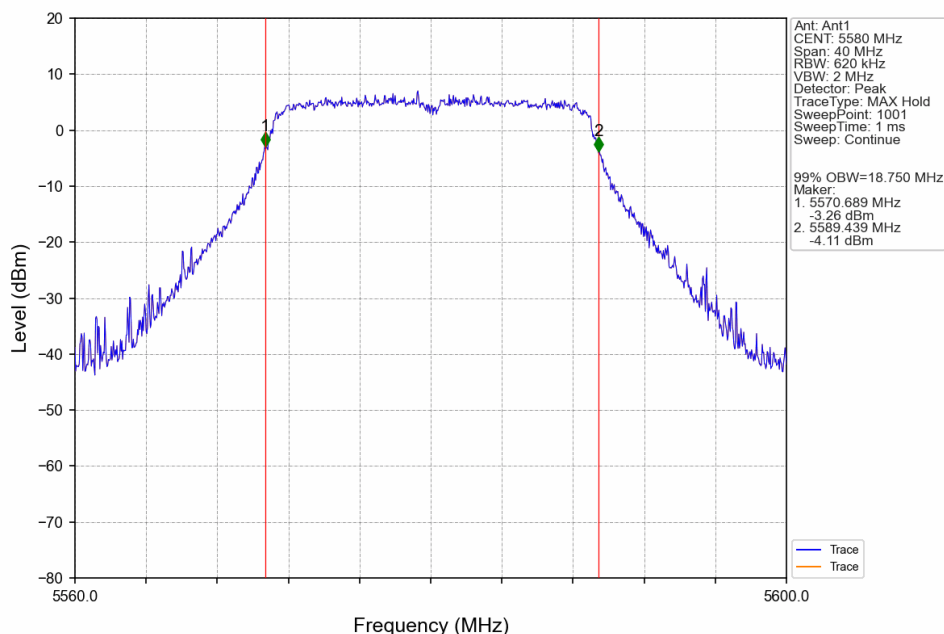
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

