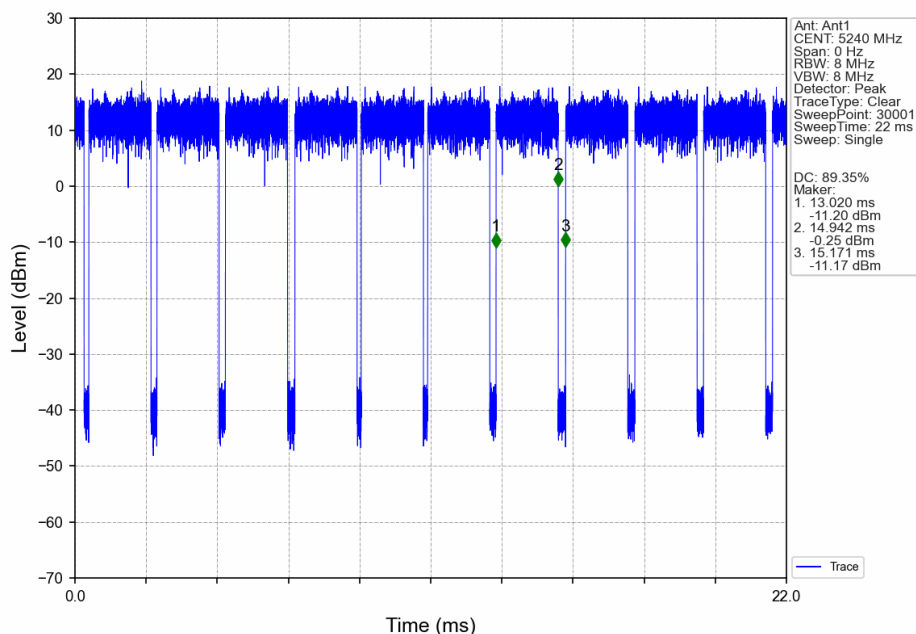
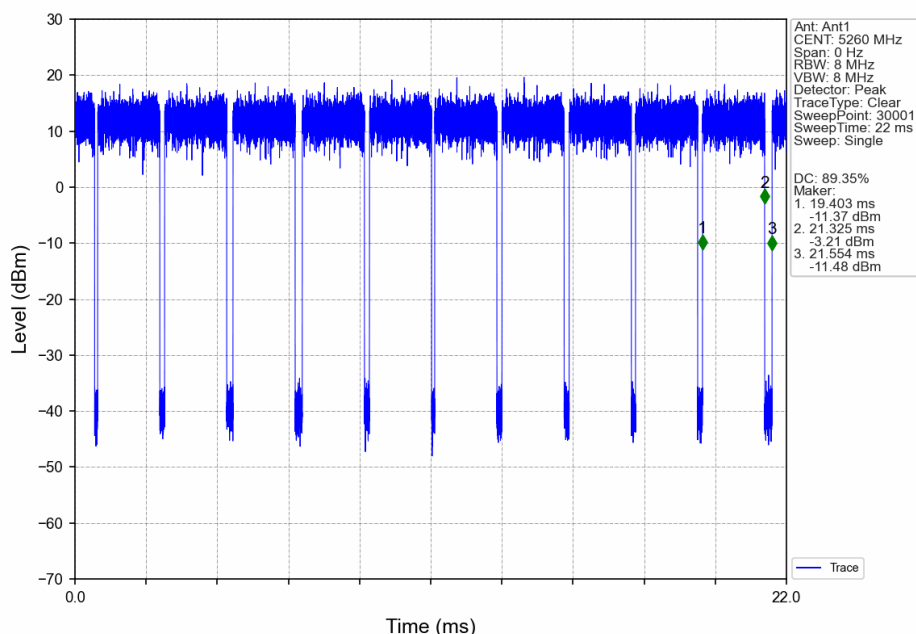


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



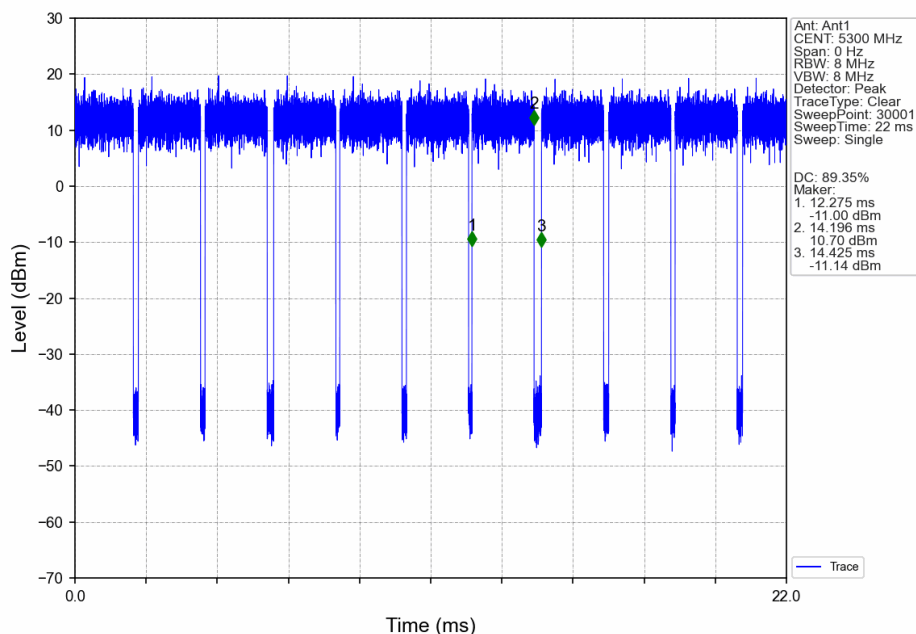
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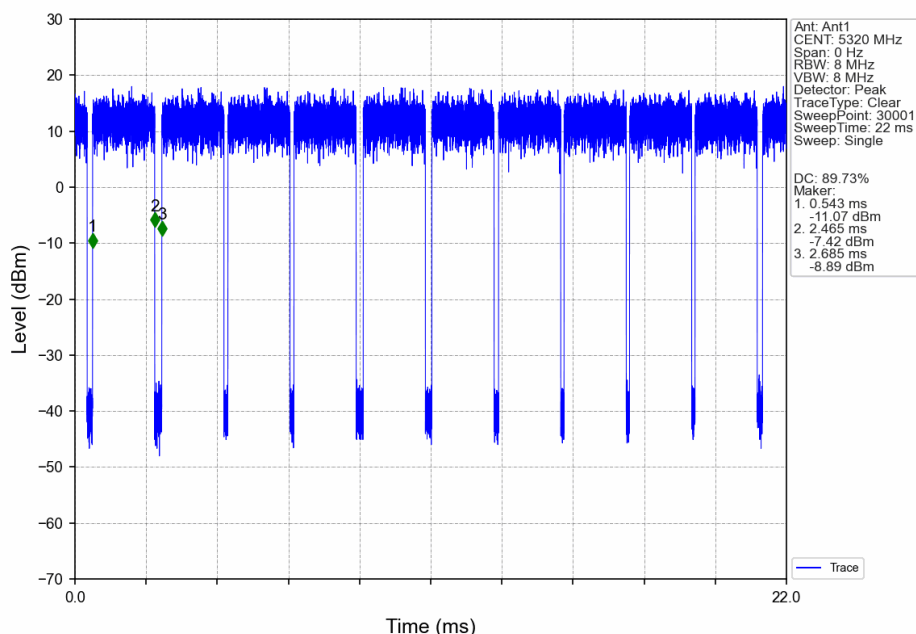
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



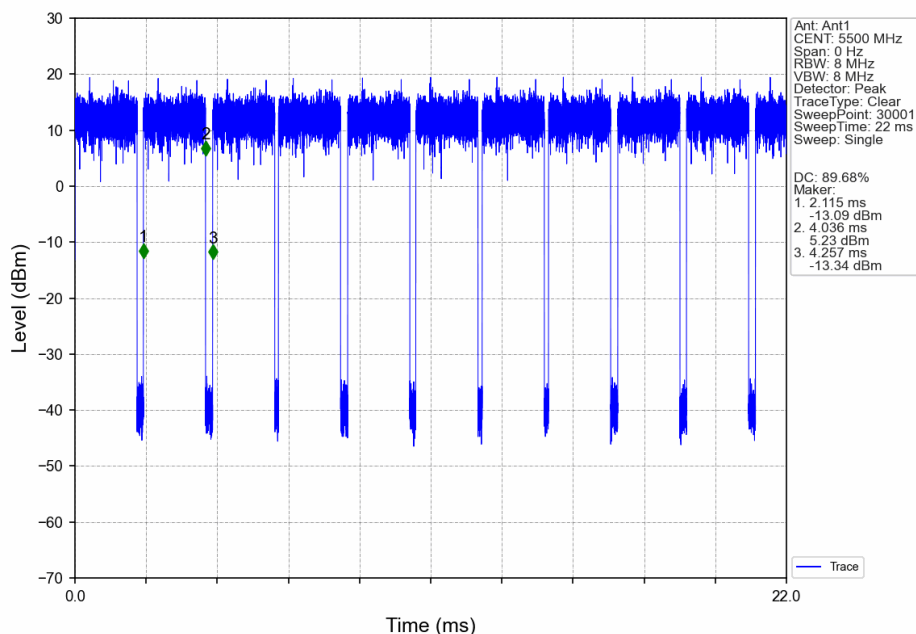
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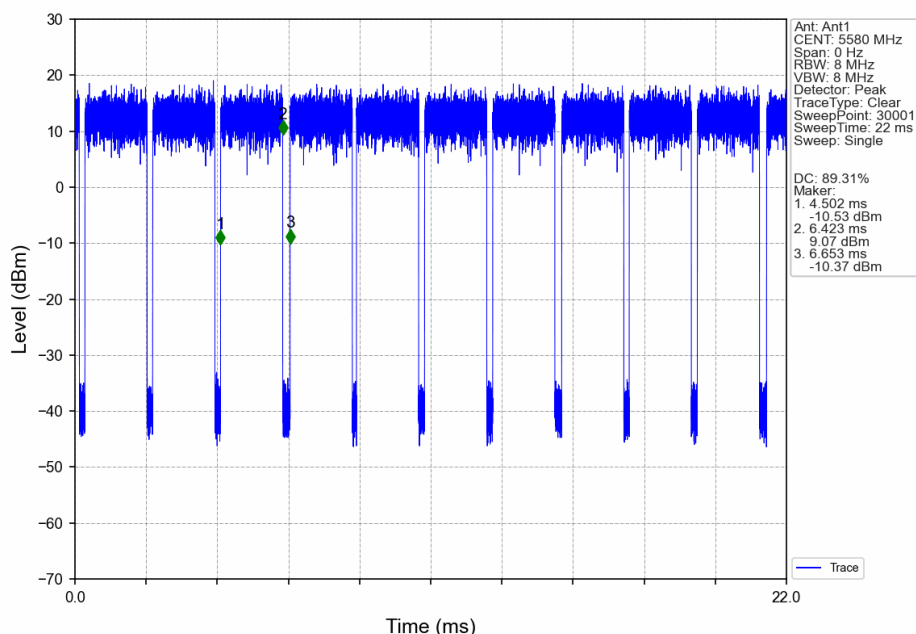
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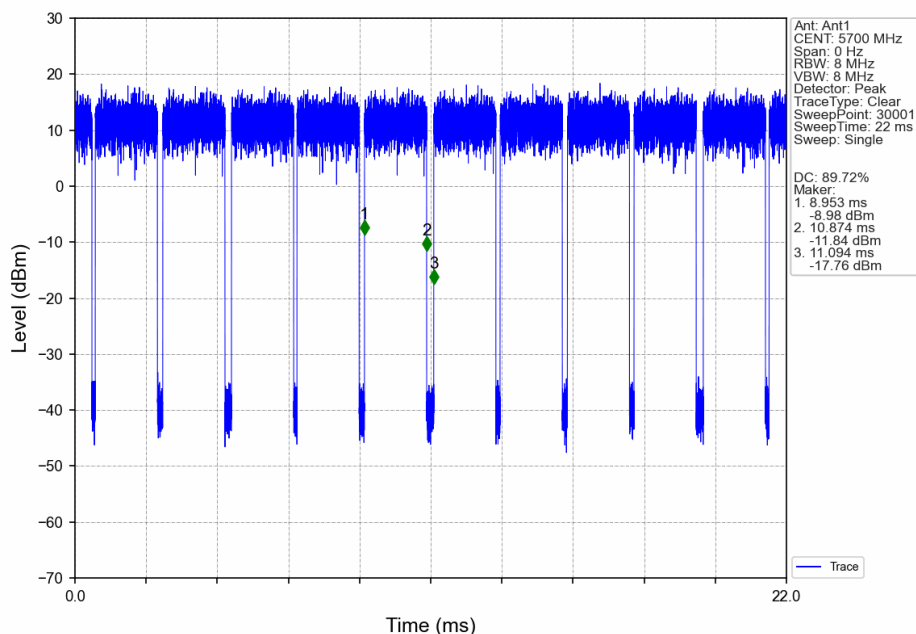
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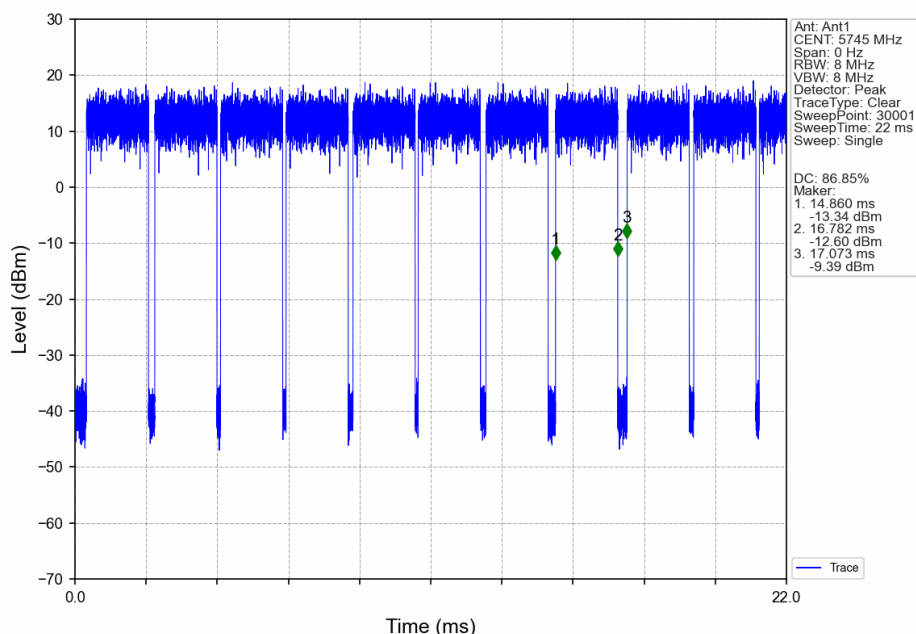
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



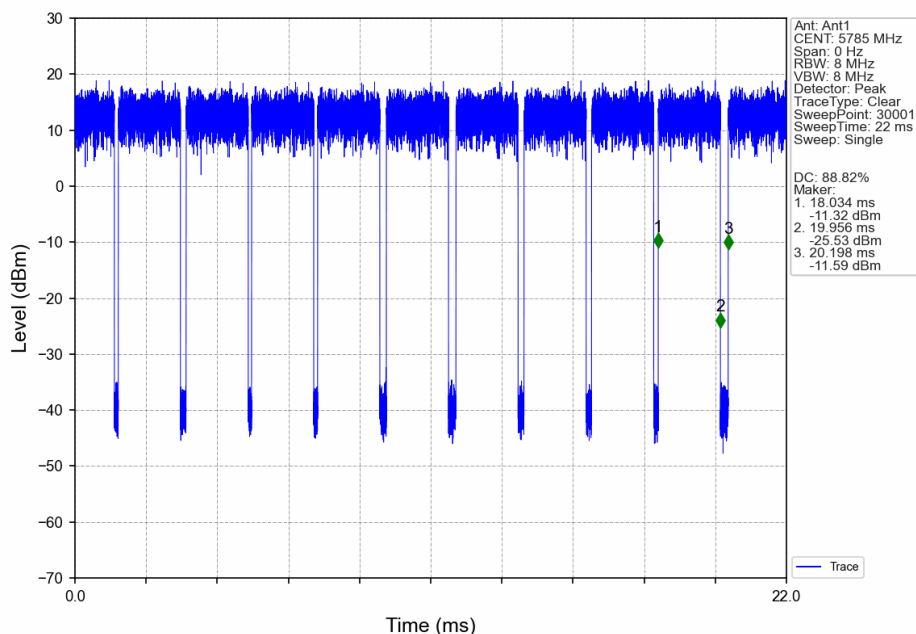
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



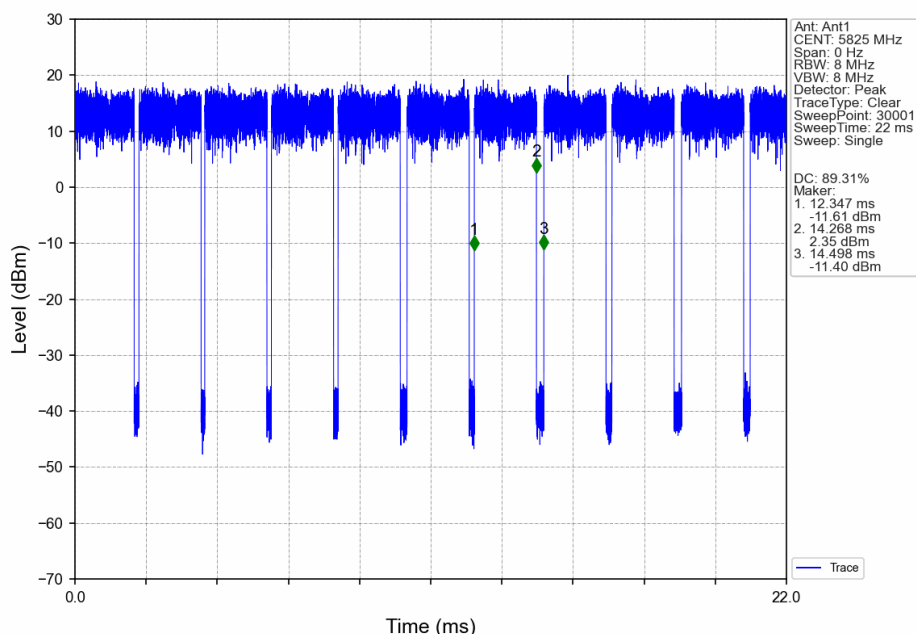
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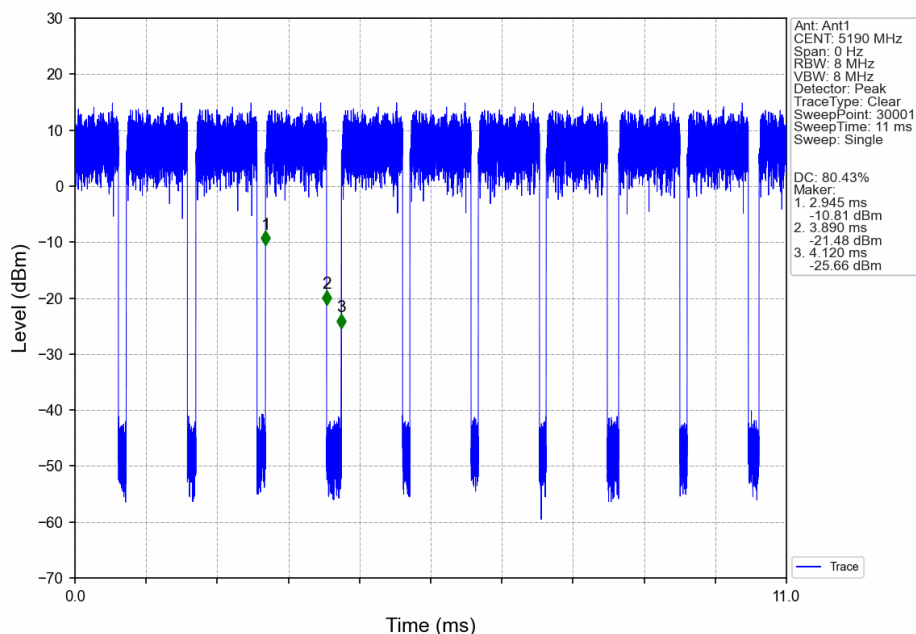
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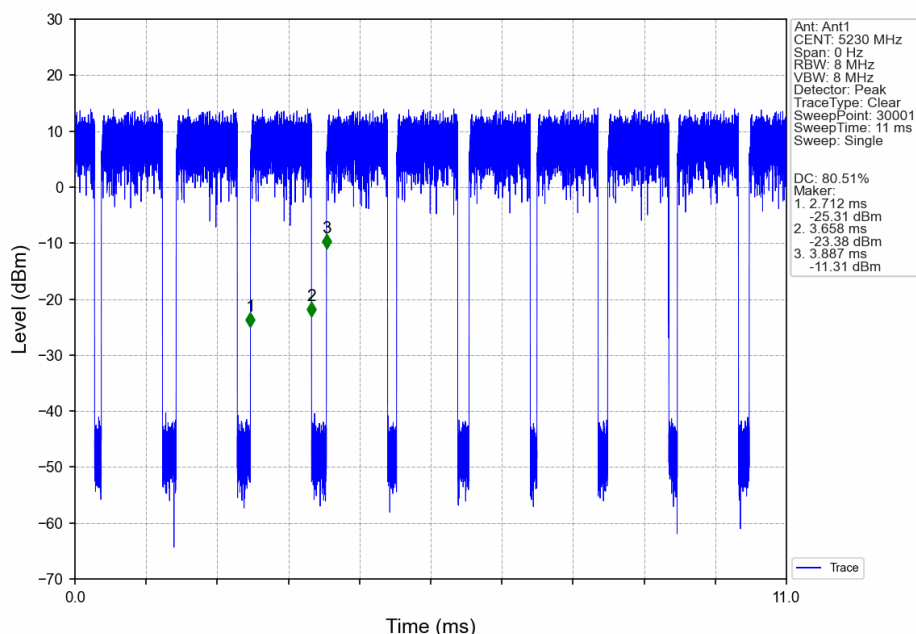
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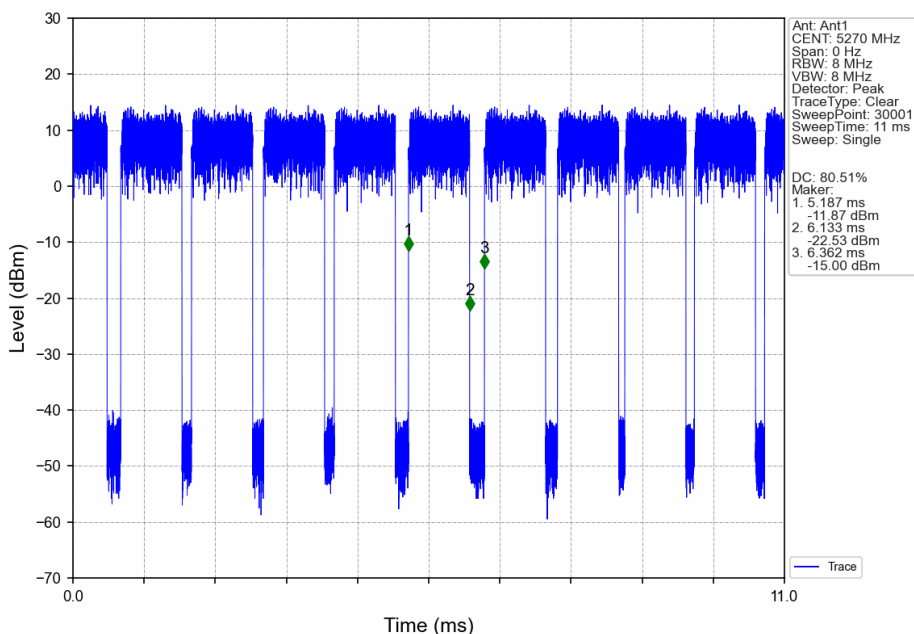
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



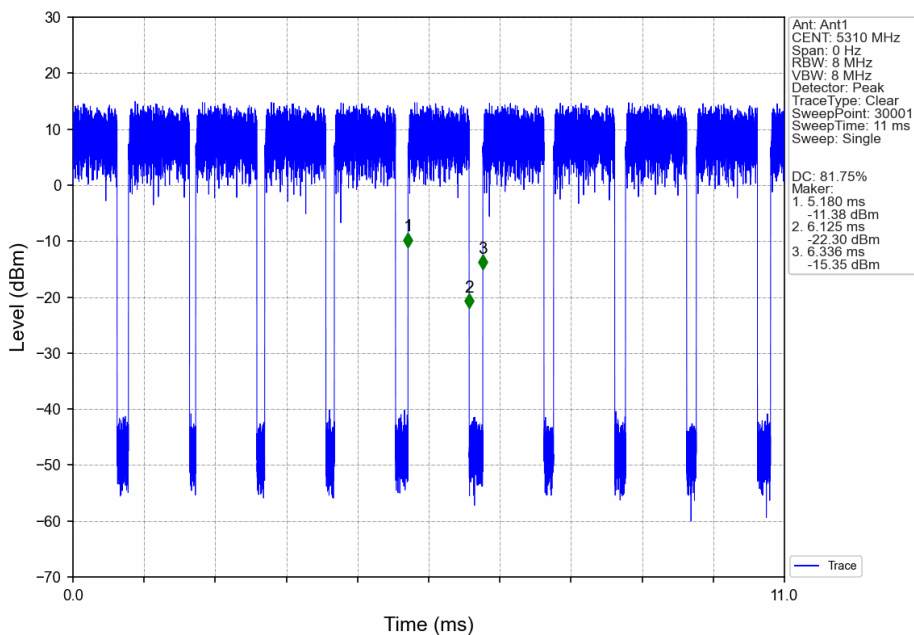
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



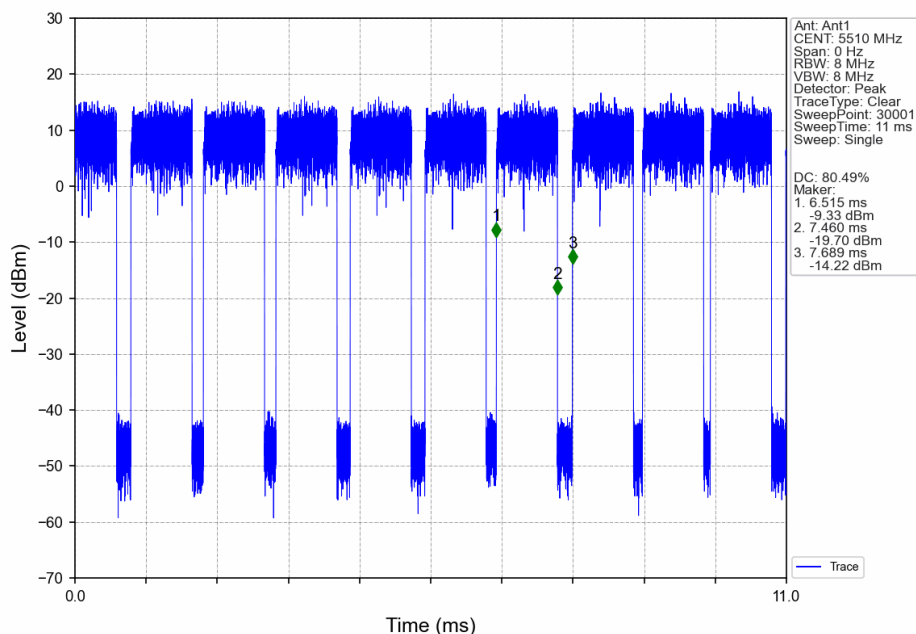
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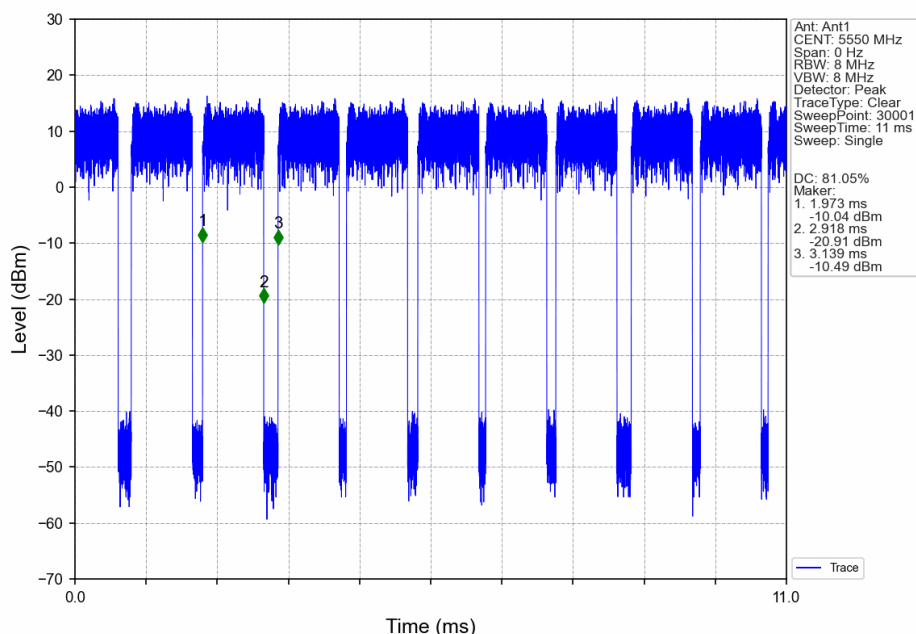
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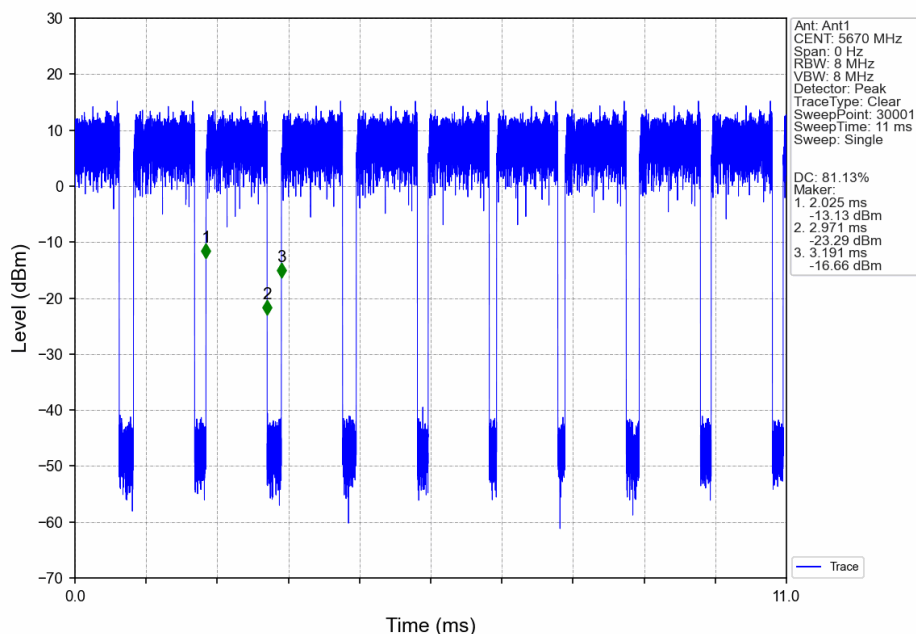
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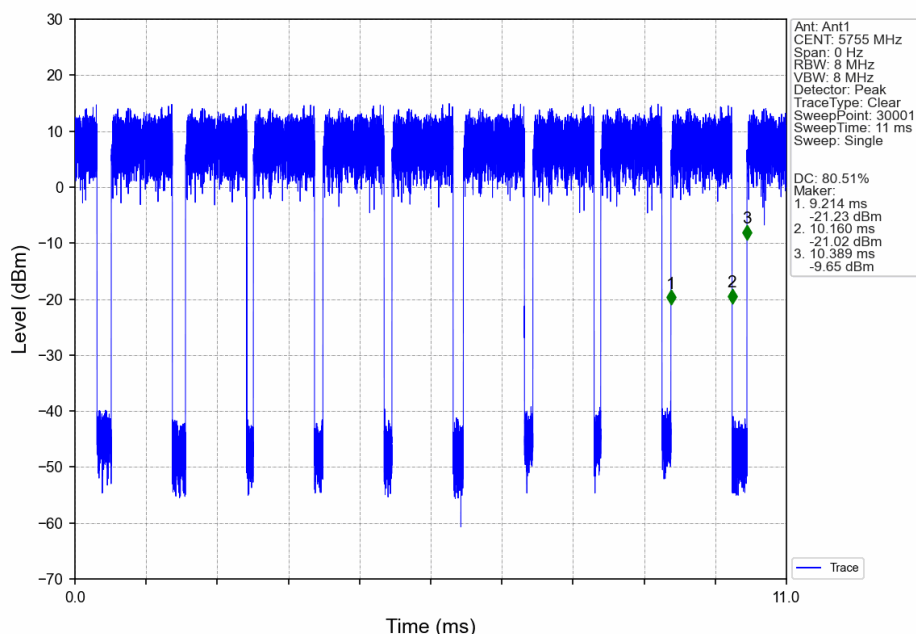
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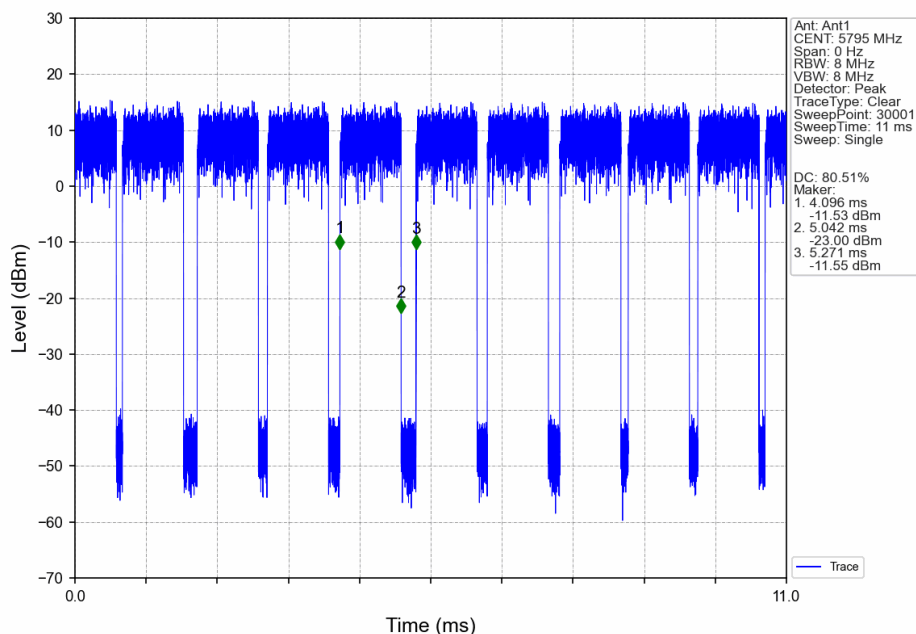
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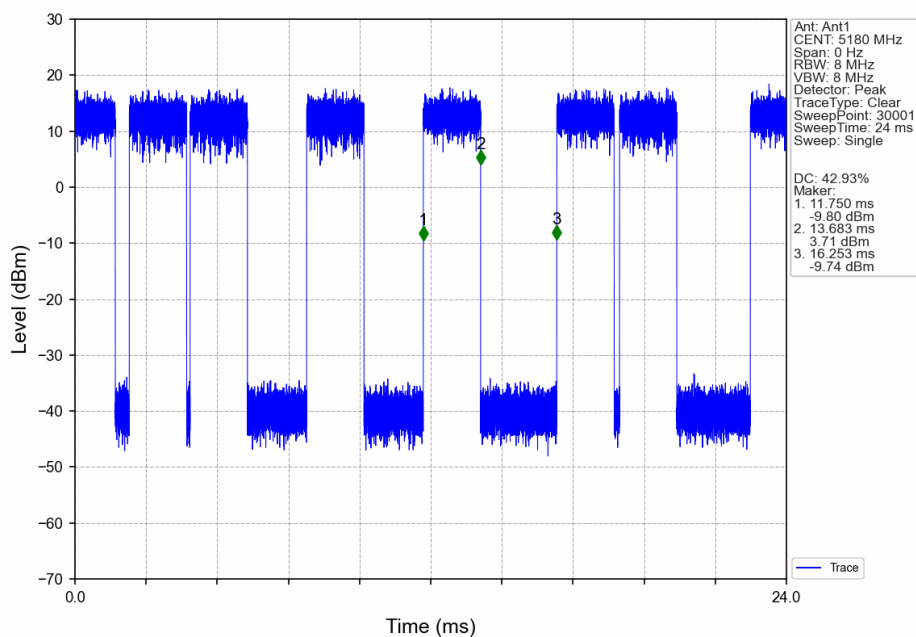
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



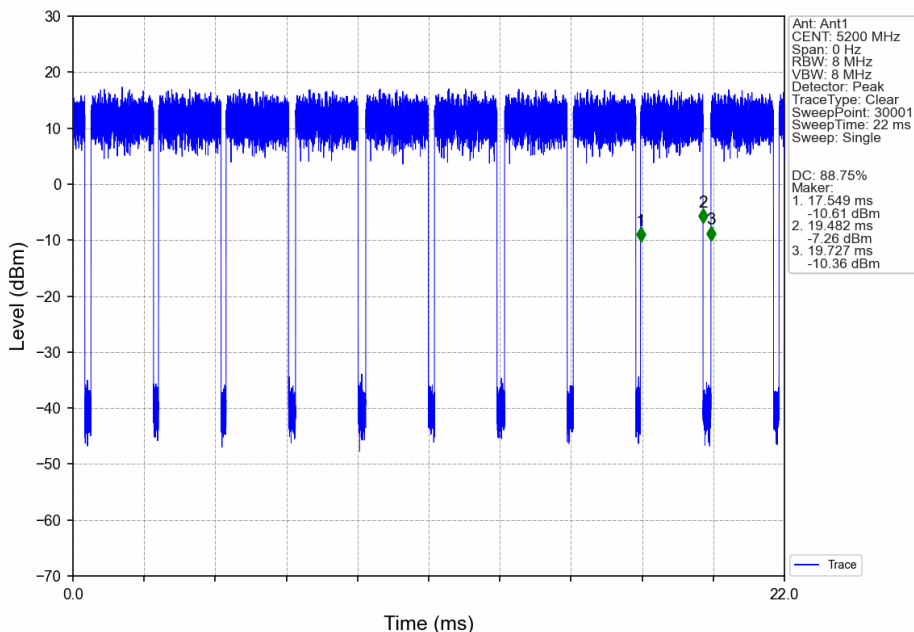
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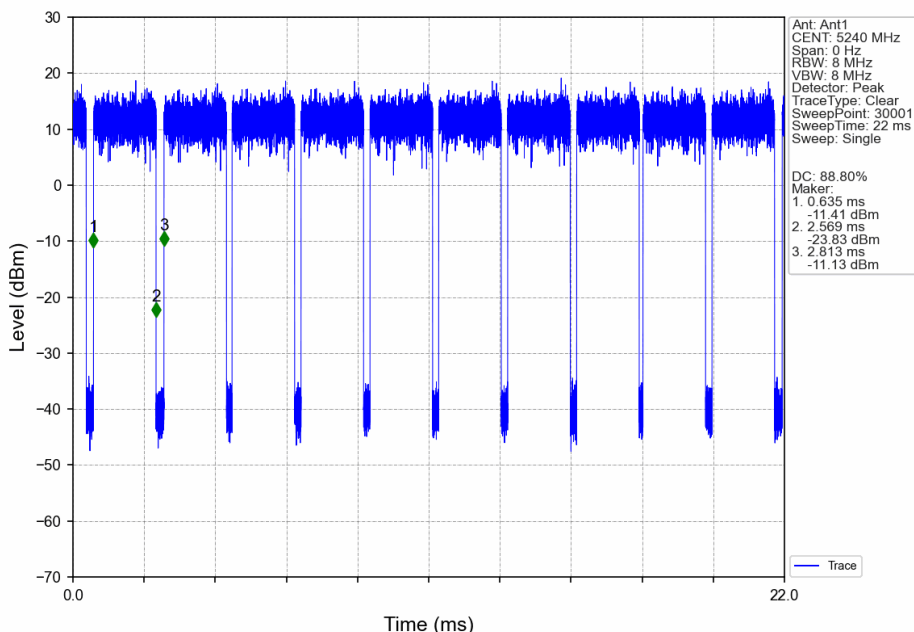
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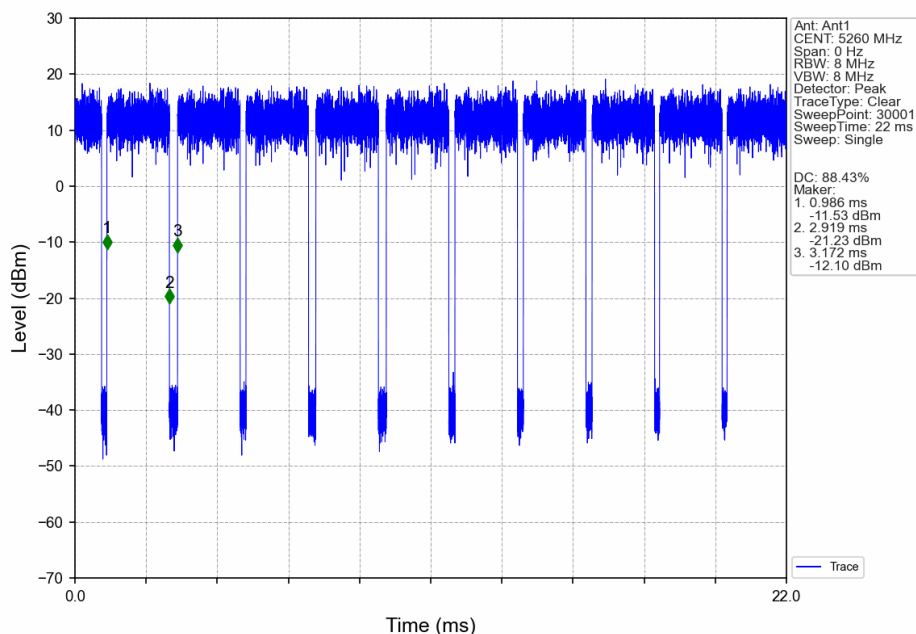
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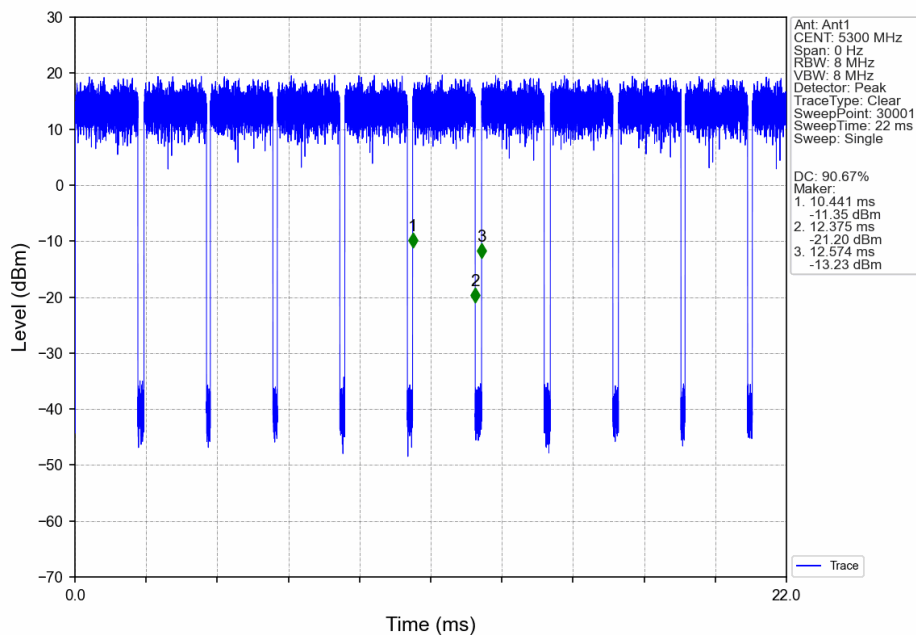
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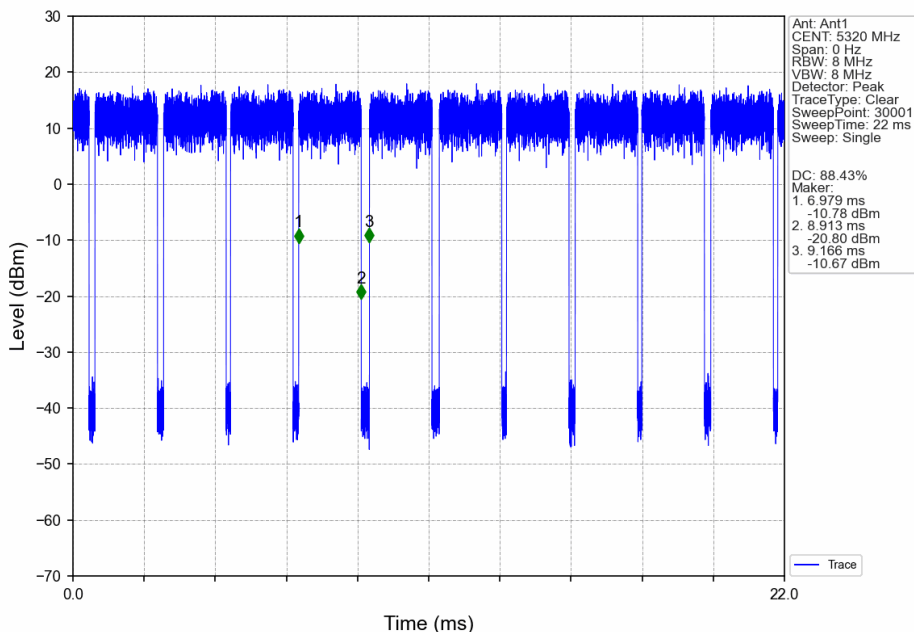
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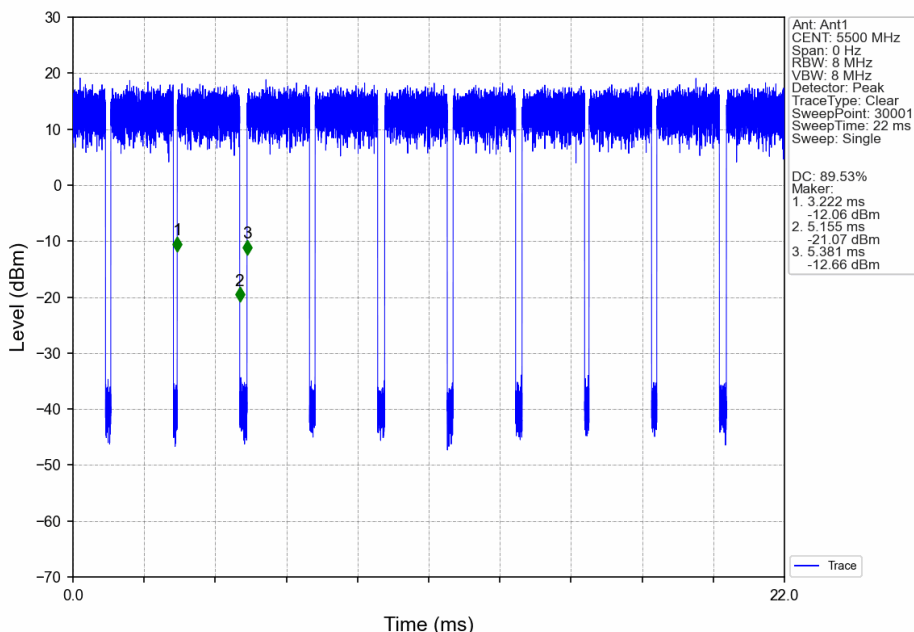
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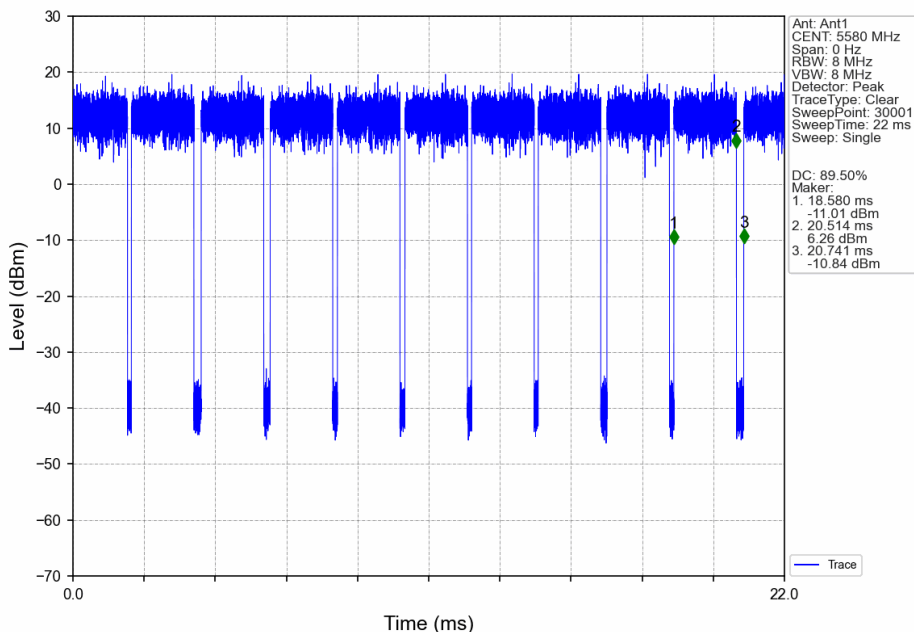
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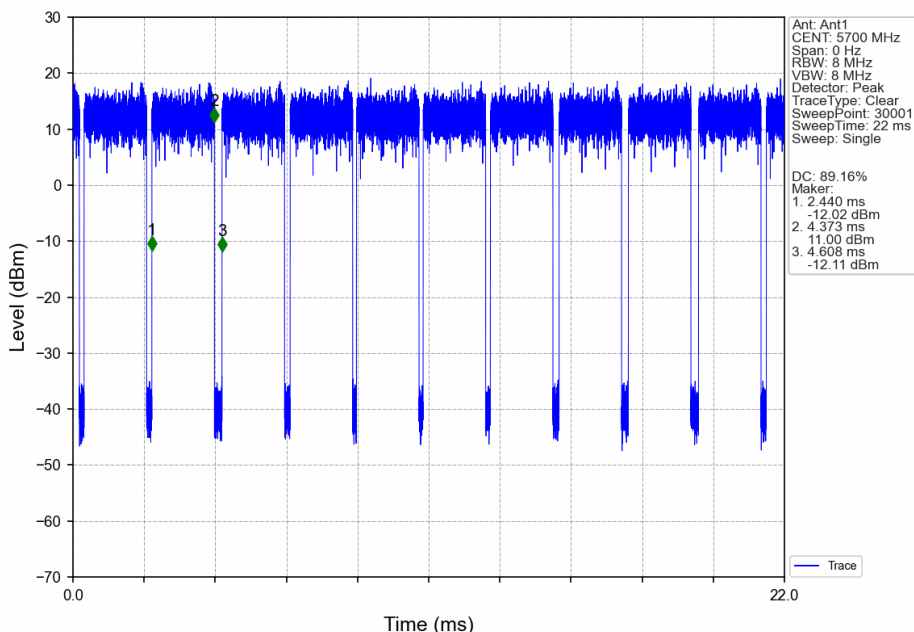
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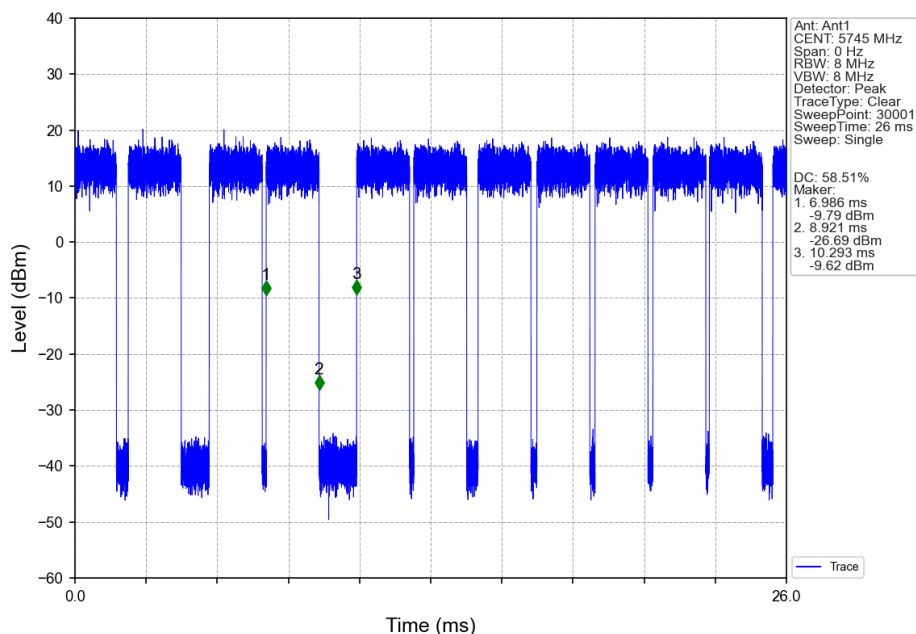
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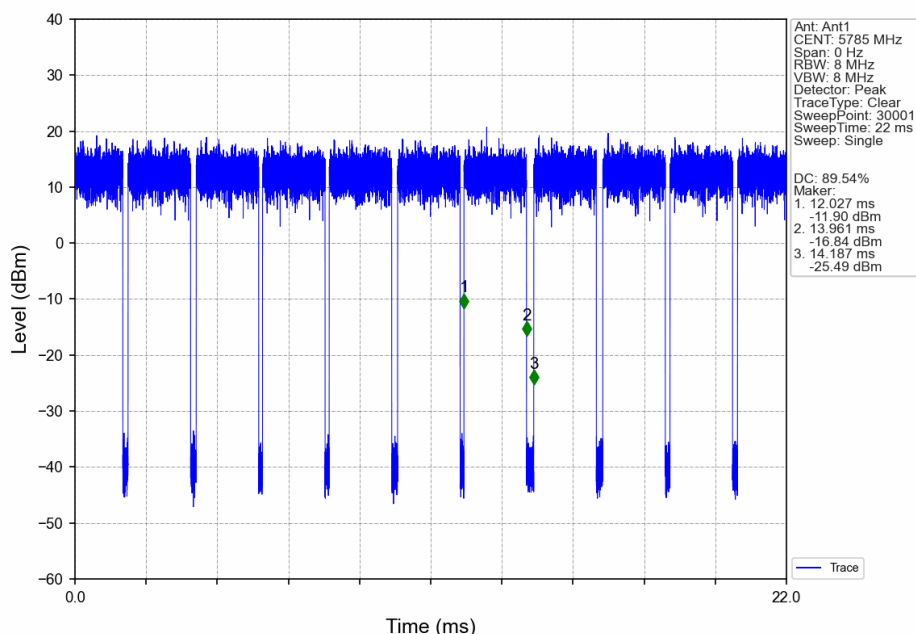
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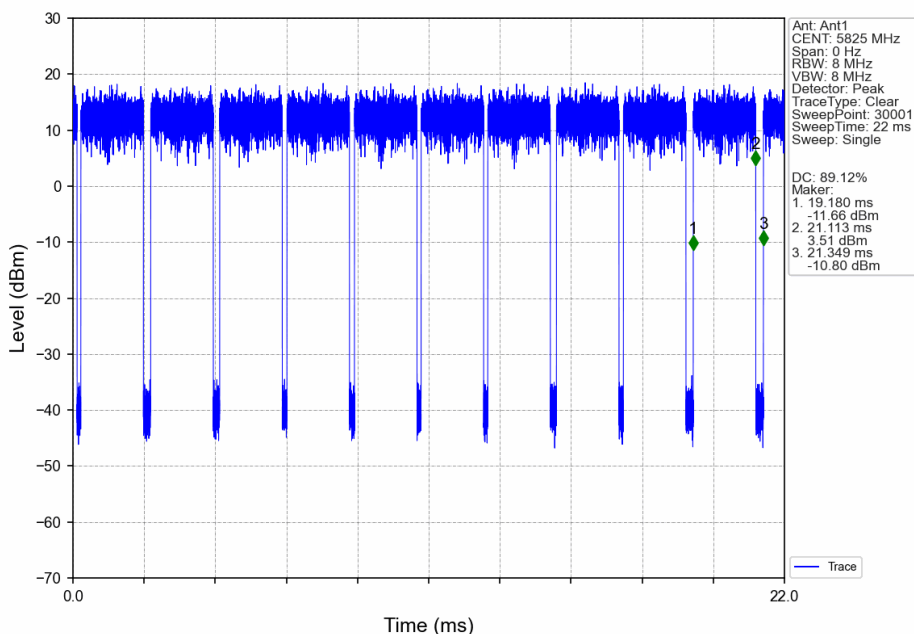
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



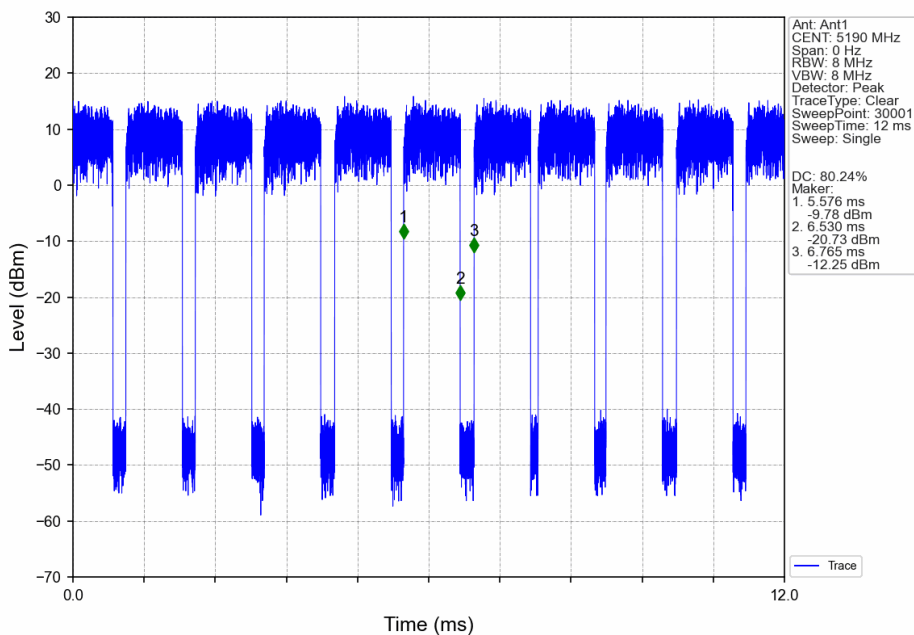
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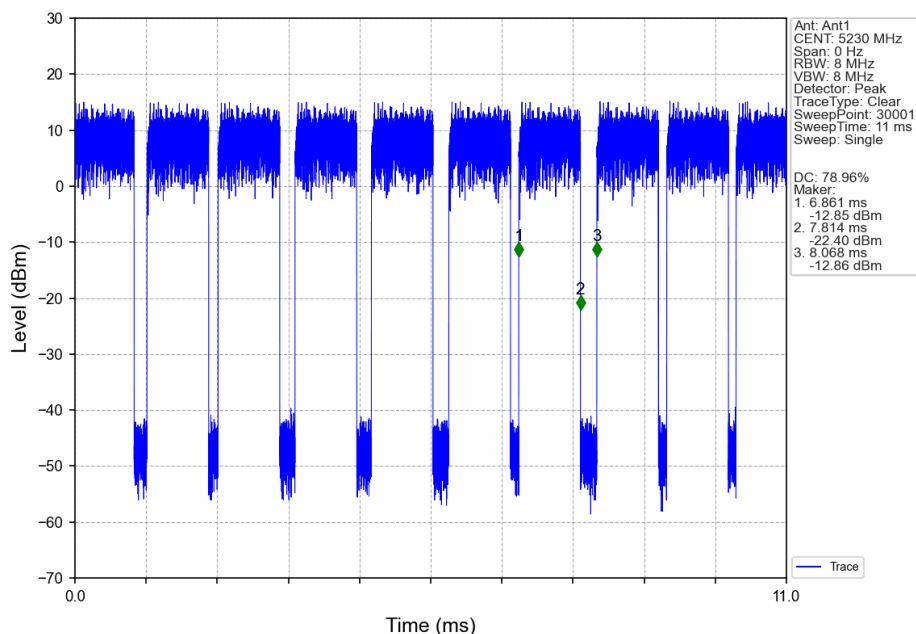
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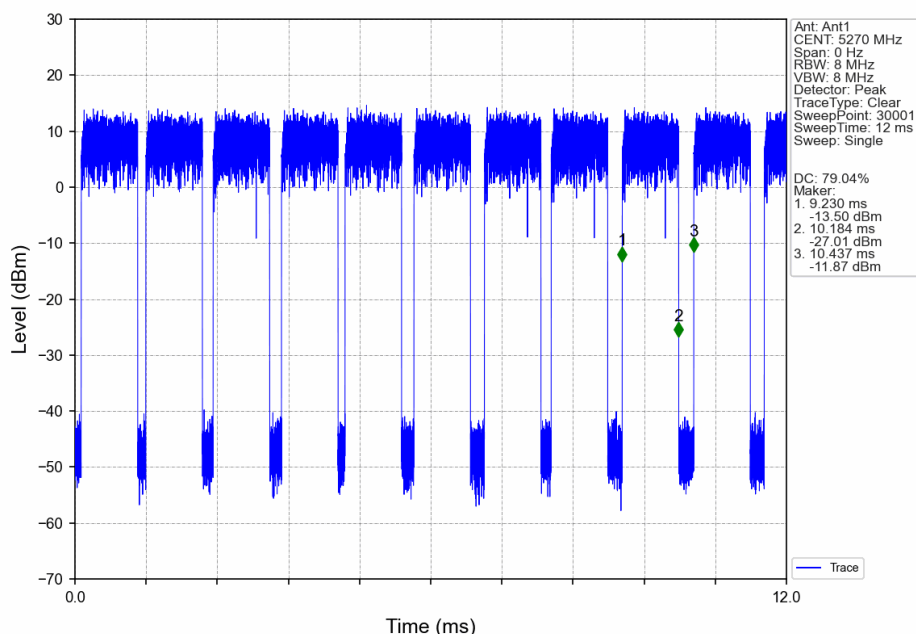
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



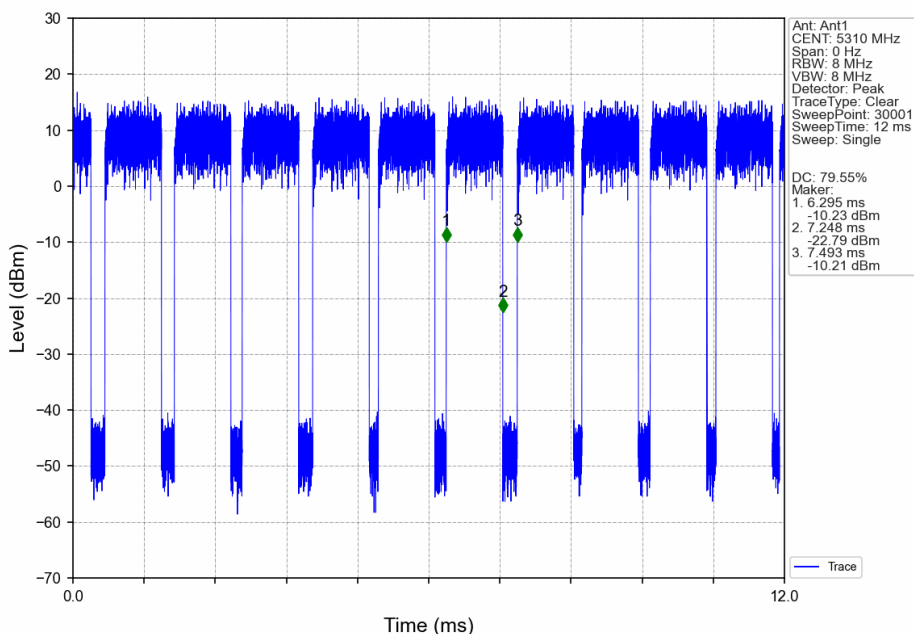
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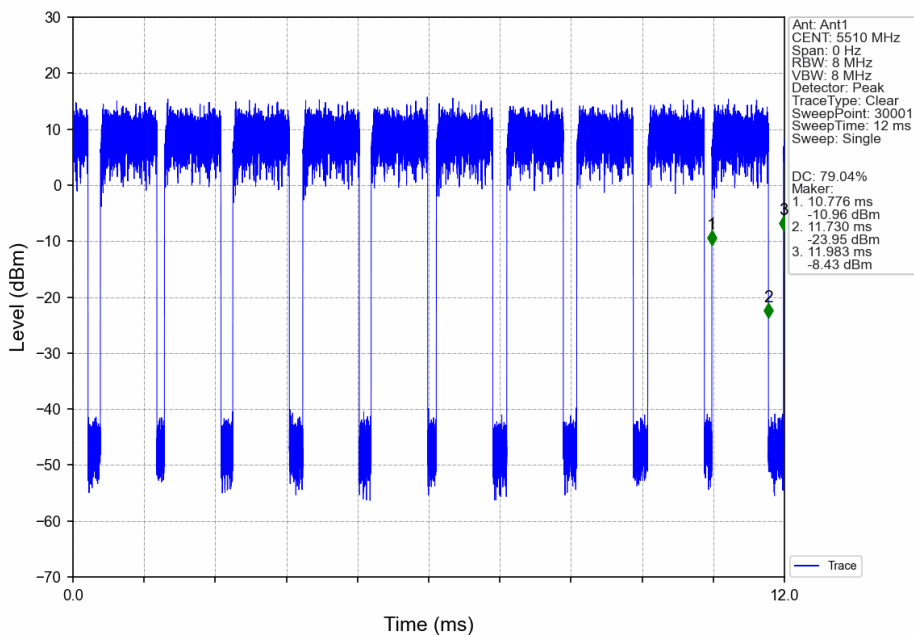
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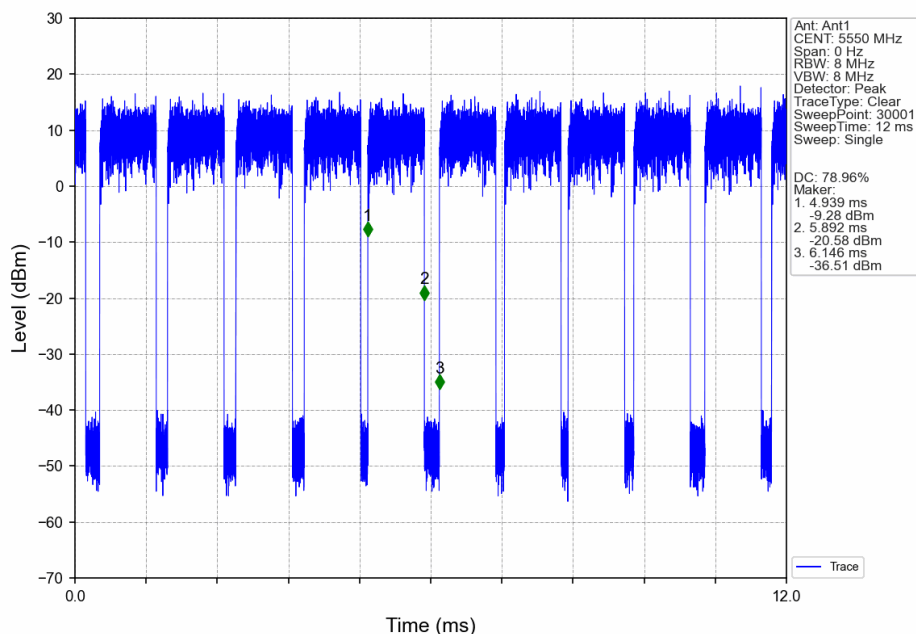
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



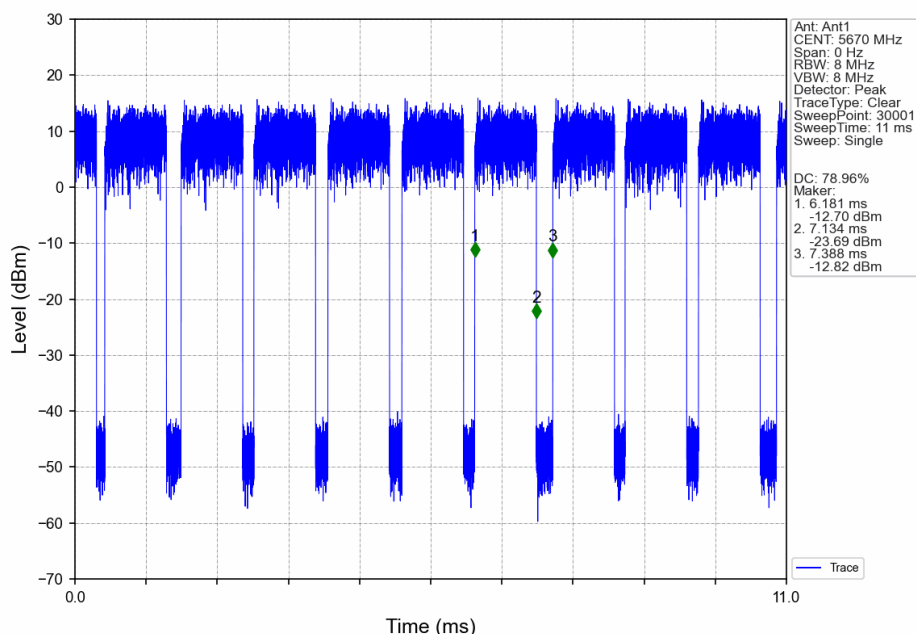
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



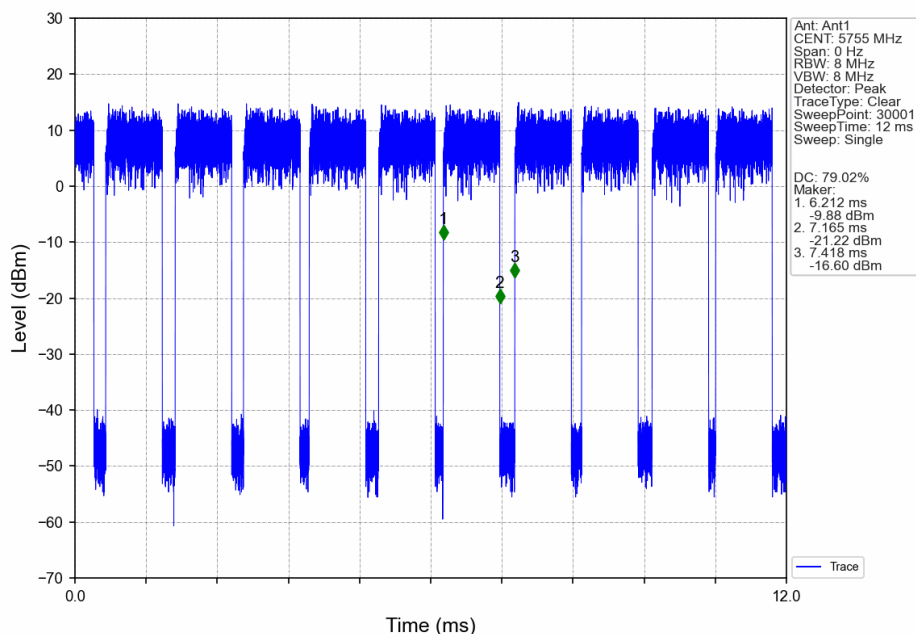
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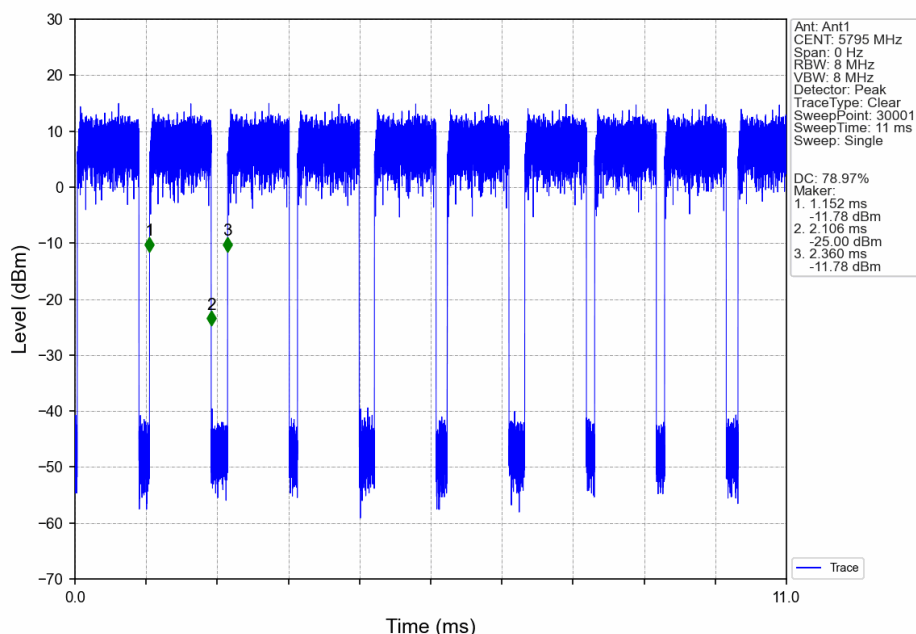
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



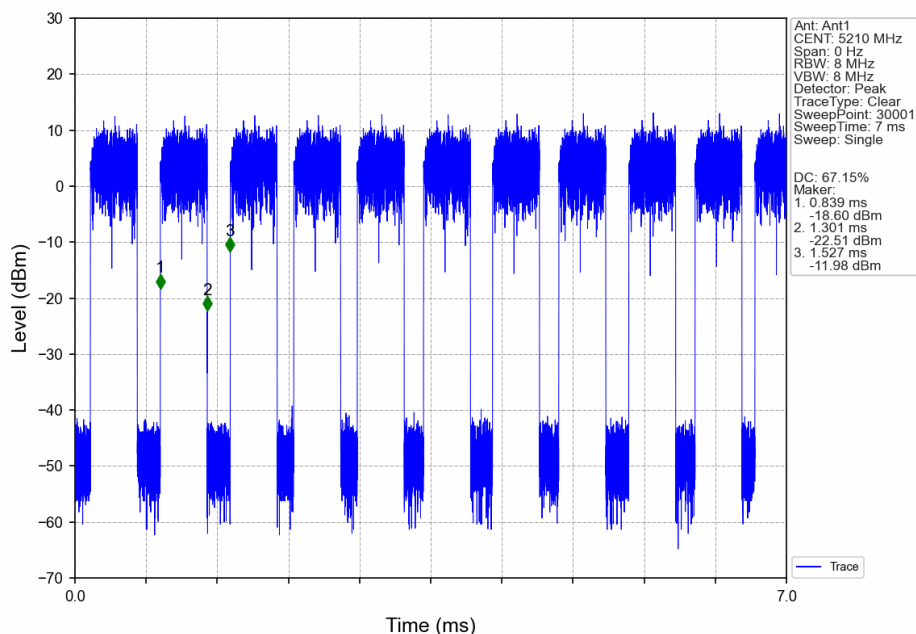
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



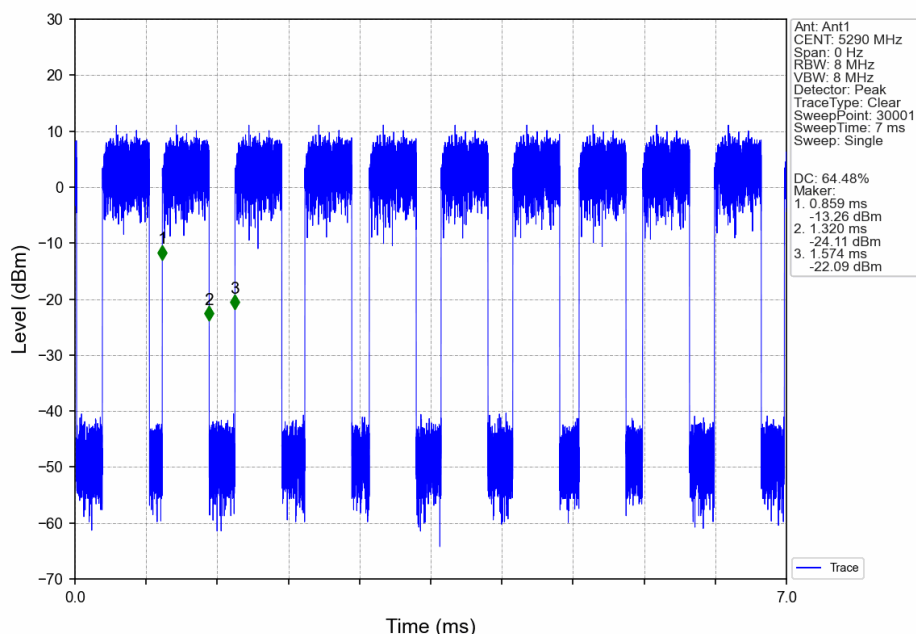
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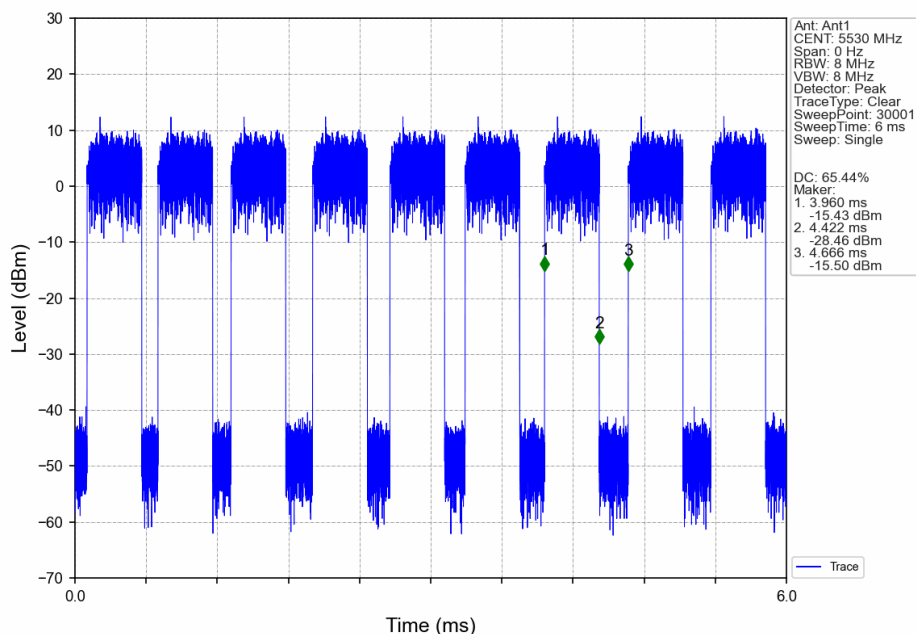
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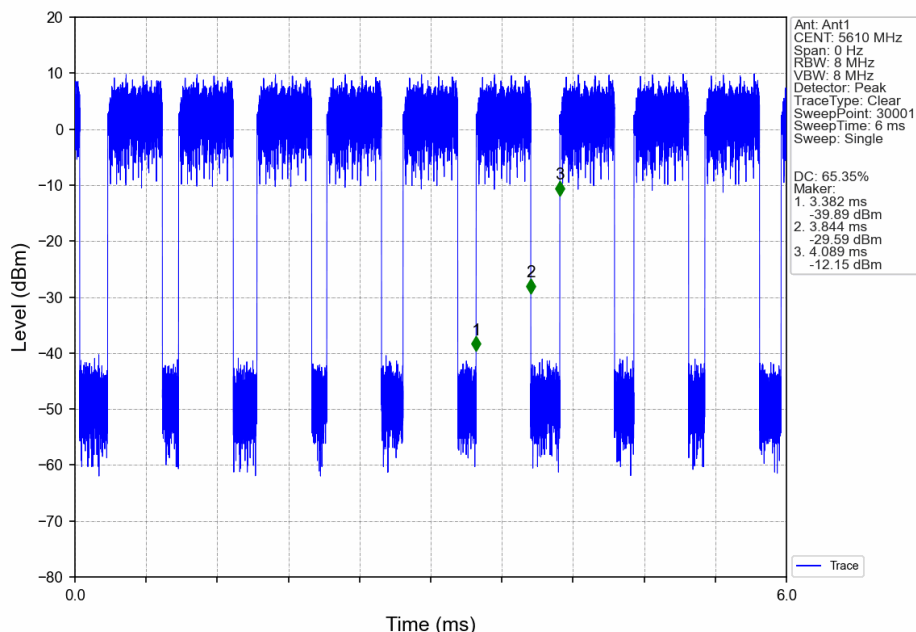
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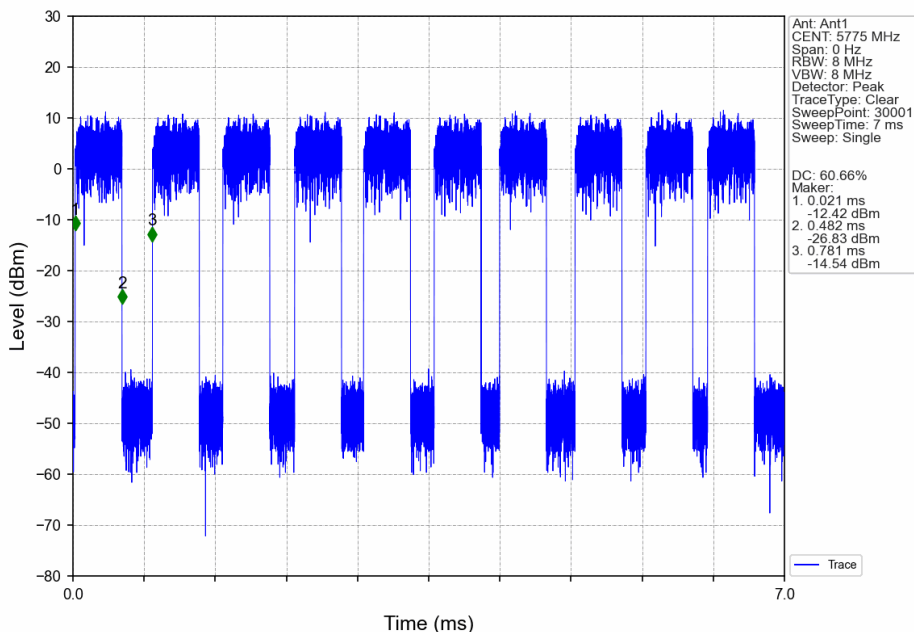
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	MIMO	5180	1	16.666	/	Pass
		5200	1	16.676	/	Pass
		5240	1	16.733	/	Pass
		5260	1	16.680	/	Pass
		5300	1	16.694	/	Pass
		5320	1	16.663	/	Pass
		5500	1	16.687	/	Pass
		5580	1	16.648	/	Pass
		5700	1	16.708	/	Pass
		5745	1	16.683	/	Pass
		5785	1	16.689	/	Pass
		5825	1	16.723	/	Pass
802.11n (HT20)	MIMO	5180	1	17.767	/	Pass
		5200	1	17.784	/	Pass
		5240	1	17.755	/	Pass
		5260	1	17.785	/	Pass
		5300	1	17.776	/	Pass
		5320	1	17.771	/	Pass
		5500	1	17.792	/	Pass
		5580	1	17.778	/	Pass
		5700	1	17.789	/	Pass
		5745	1	17.789	/	Pass
		5785	1	17.747	/	Pass
		5825	1	17.761	/	Pass
802.11n (HT40)	MIMO	5190	1	36.361	/	Pass
		5230	1	36.393	/	Pass
		5270	1	36.539	/	Pass
		5310	1	36.557	/	Pass
		5510	1	36.536	/	Pass
		5550	1	36.499	/	Pass
		5670	1	36.588	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240800303505

Page: 271 of 388

		5755	1	36.388	/	Pass
		5795	1	36.283	/	Pass
802.11ac (VHT20)	MIMO	5180	1	17.793	/	Pass
		5200	1	17.760	/	Pass
		5240	1	17.782	/	Pass
		5260	1	17.769	/	Pass
		5300	1	17.762	/	Pass
		5320	1	17.806	/	Pass
		5500	1	17.761	/	Pass
		5580	1	17.743	/	Pass
		5700	1	17.765	/	Pass
		5745	1	17.776	/	Pass
		5785	1	17.764	/	Pass
		5825	1	17.762	/	Pass
802.11ac (VHT40)	MIMO	5190	1	36.330	/	Pass
		5230	1	36.379	/	Pass
		5270	1	36.588	/	Pass
		5310	1	36.527	/	Pass
		5510	1	36.304	/	Pass
		5550	1	36.346	/	Pass
		5670	1	36.444	/	Pass
		5755	1	36.646	/	Pass
802.11ac (VHT80)	MIMO	5795	1	36.583	/	Pass
		5210	1	75.131	/	Pass
		5290	1	74.910	/	Pass
		5530	1	74.624	/	Pass
		5610	1	75.107	/	Pass
		5775	1	74.476	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	MIMO	5745	1	16.323	>=0.5	Pass
		5785	1	16.352	>=0.5	Pass
		5825	1	16.356	>=0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.165	>=0.5	Pass
		5785	1	16.917	>=0.5	Pass
		5825	1	17.536	>=0.5	Pass
802.11n	MIMO	5755	1	35.172	>=0.5	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240800303505

Page: 272 of 388

(HT40)		5795	1	35.165	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.334	≥ 0.5	Pass
		5785	1	17.571	≥ 0.5	Pass
		5825	1	17.591	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.144	≥ 0.5	Pass
		5795	1	35.342	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	71.324	≥ 0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	MIMO	5180	1	18.491	/	Pass
		5200	1	18.395	/	Pass
		5240	1	18.409	/	Pass
		5260	1	18.352	/	Pass
		5300	1	18.485	/	Pass
		5320	1	18.520	/	Pass
		5500	1	18.527	/	Pass
		5580	1	18.477	/	Pass
		5700	1	18.435	/	Pass
802.11n (HT20)	MIMO	5180	1	19.475	/	Pass
		5200	1	19.341	/	Pass
		5240	1	19.427	/	Pass
		5260	1	19.378	/	Pass
		5300	1	19.371	/	Pass
		5320	1	19.338	/	Pass
		5500	1	19.403	/	Pass
		5580	1	19.321	/	Pass
		5700	1	19.396	/	Pass
802.11n (HT40)	MIMO	5190	1	41.328	/	Pass
		5230	1	40.979	/	Pass
		5270	1	41.180	/	Pass
		5310	1	41.116	/	Pass
		5510	1	41.364	/	Pass
		5550	1	40.933	/	Pass
		5670	1	40.878	/	Pass
802.11ac (VHT20)	MIMO	5180	1	19.328	/	Pass
		5200	1	19.286	/	Pass
		5240	1	19.373	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240800303505

Page: 273 of 388

		5260	1	19.361	/	Pass
		5300	1	19.409	/	Pass
		5320	1	19.416	/	Pass
		5500	1	19.413	/	Pass
		5580	1	19.335	/	Pass
		5700	1	19.375	/	Pass
802.11ac (VHT40)	MIMO	5190	1	40.572	/	Pass
		5230	1	40.648	/	Pass
		5270	1	41.342	/	Pass
		5310	1	41.483	/	Pass
		5510	1	41.277	/	Pass
		5550	1	41.289	/	Pass
		5670	1	40.927	/	Pass
802.11ac (VHT80)	MIMO	5210	1	80.824	/	Pass
		5290	1	81.270	/	Pass
		5530	1	81.439	/	Pass
		5610	1	80.830	/	Pass



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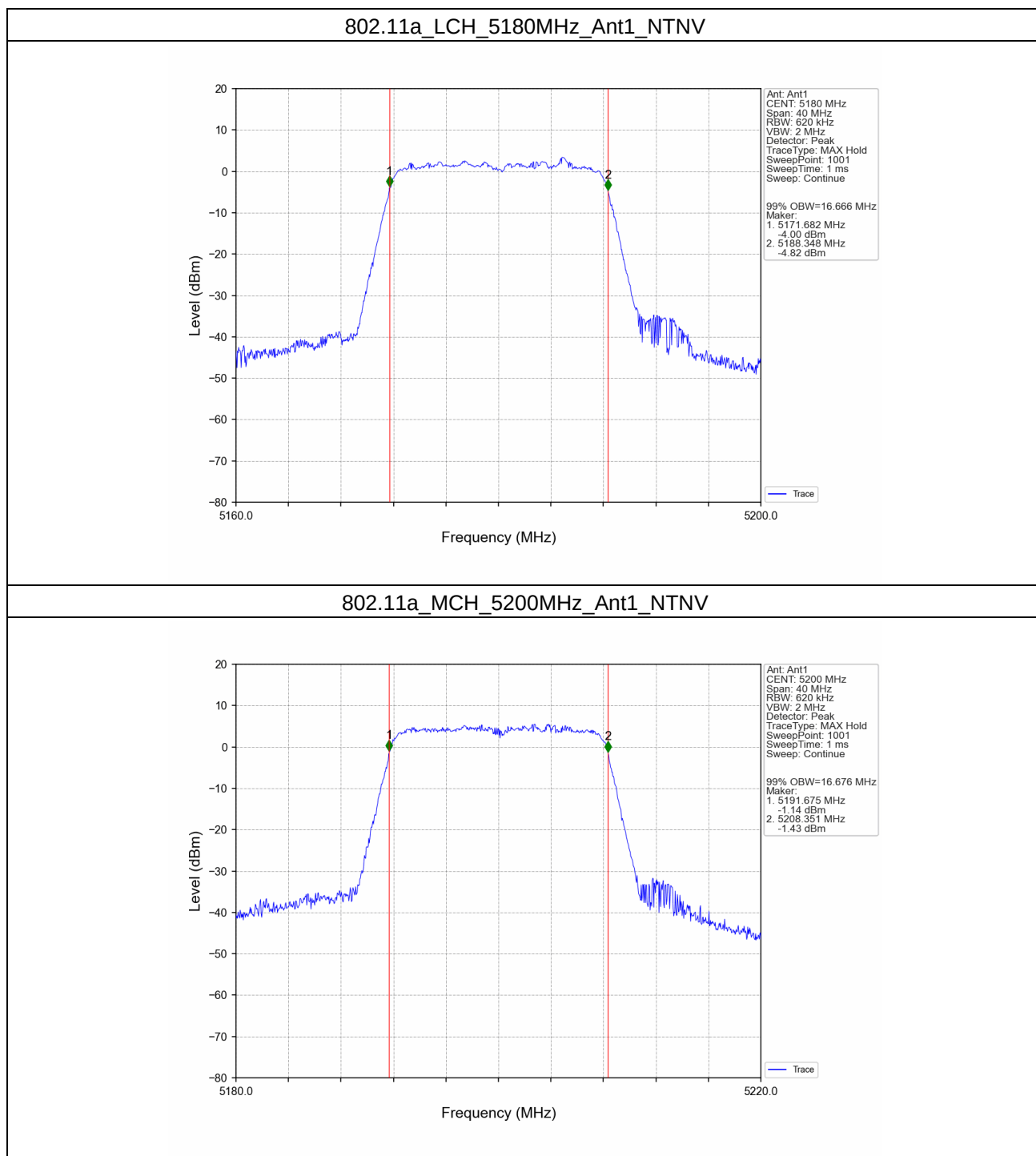
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2.2 Test Graph

2.2.1 OBW



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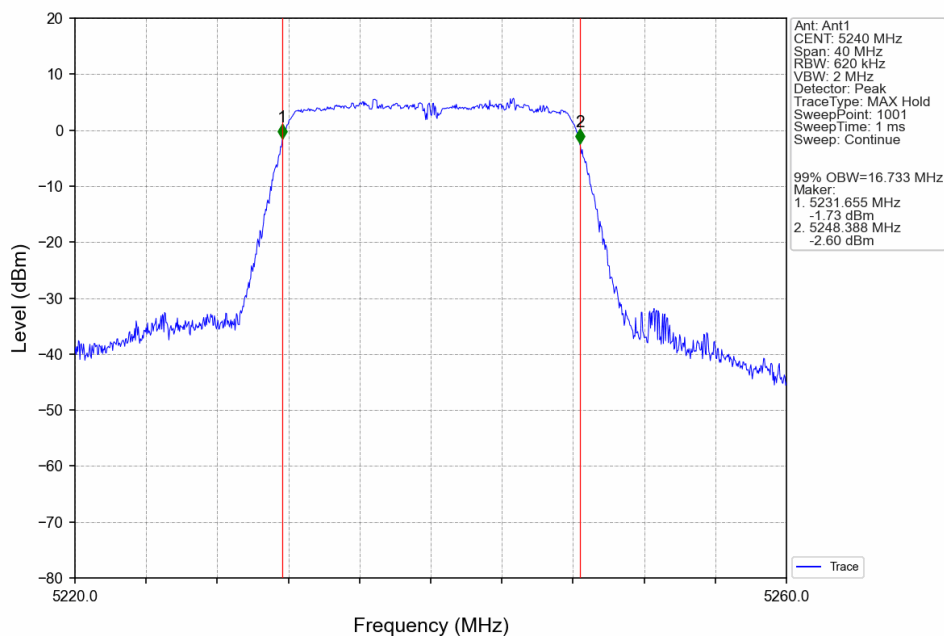
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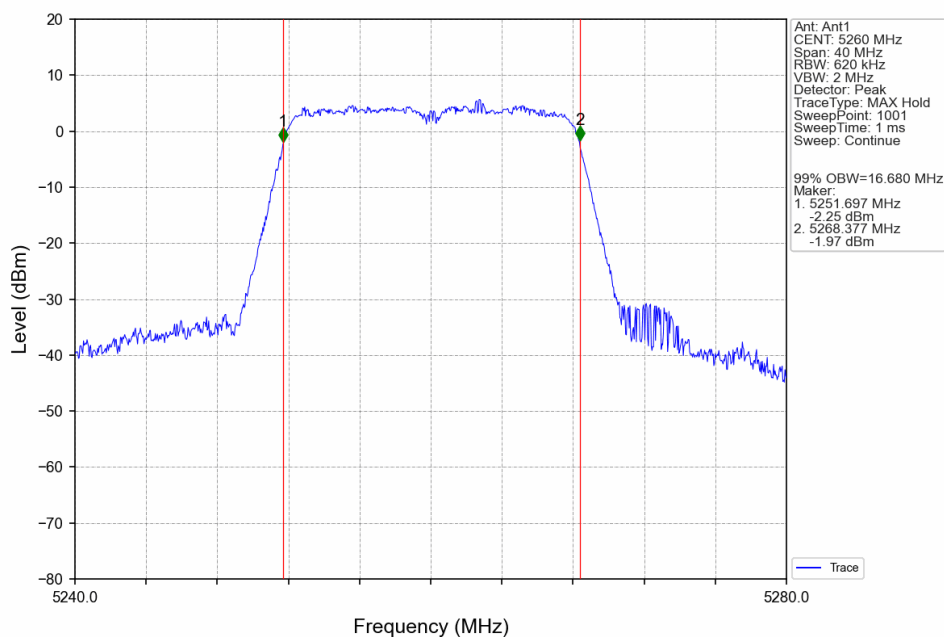
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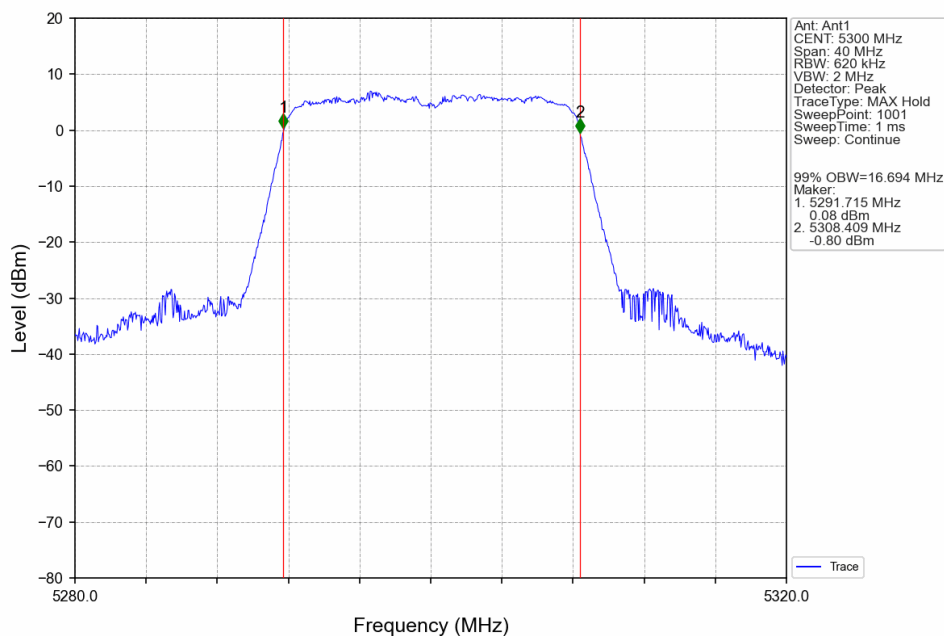
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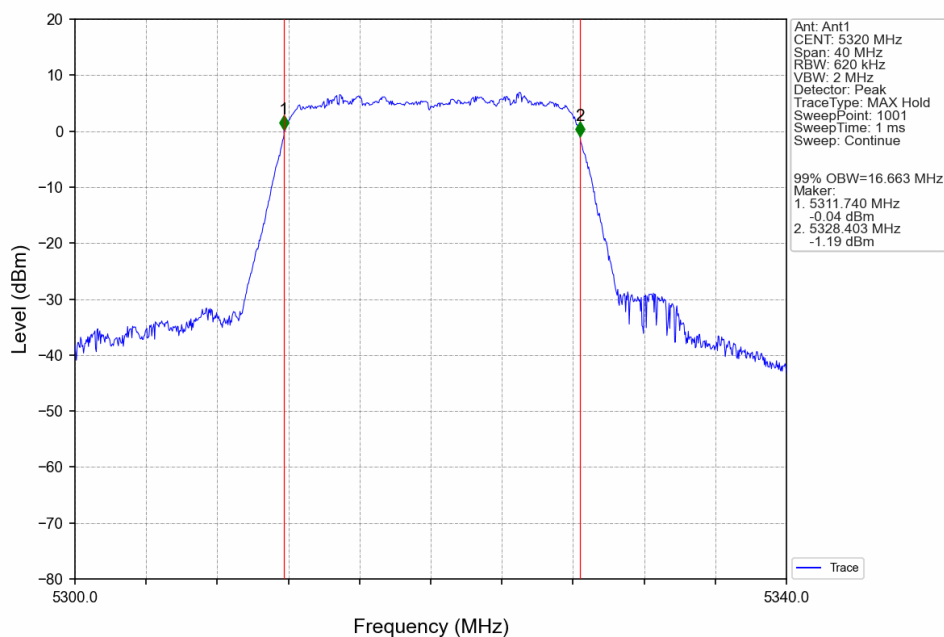
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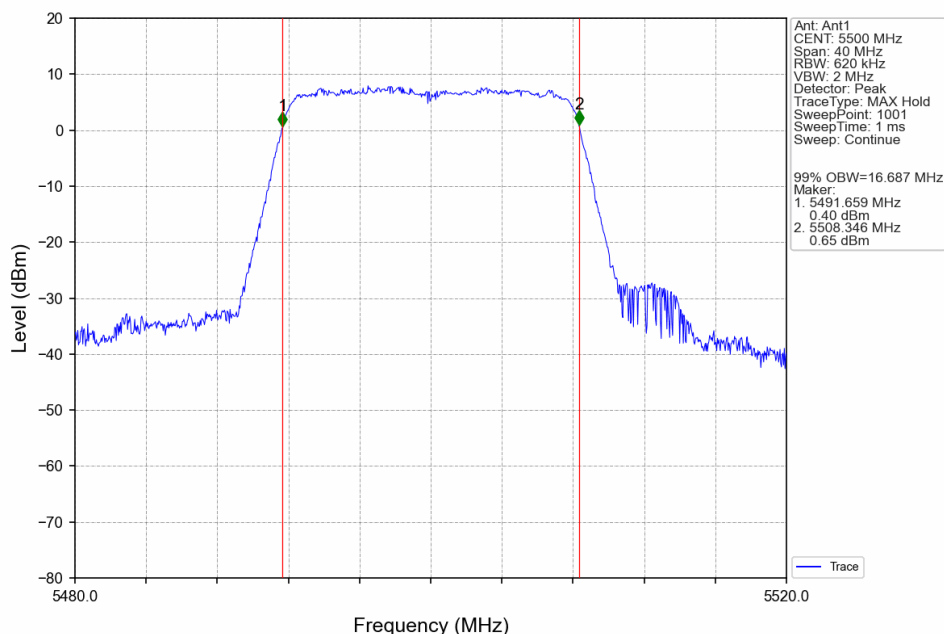
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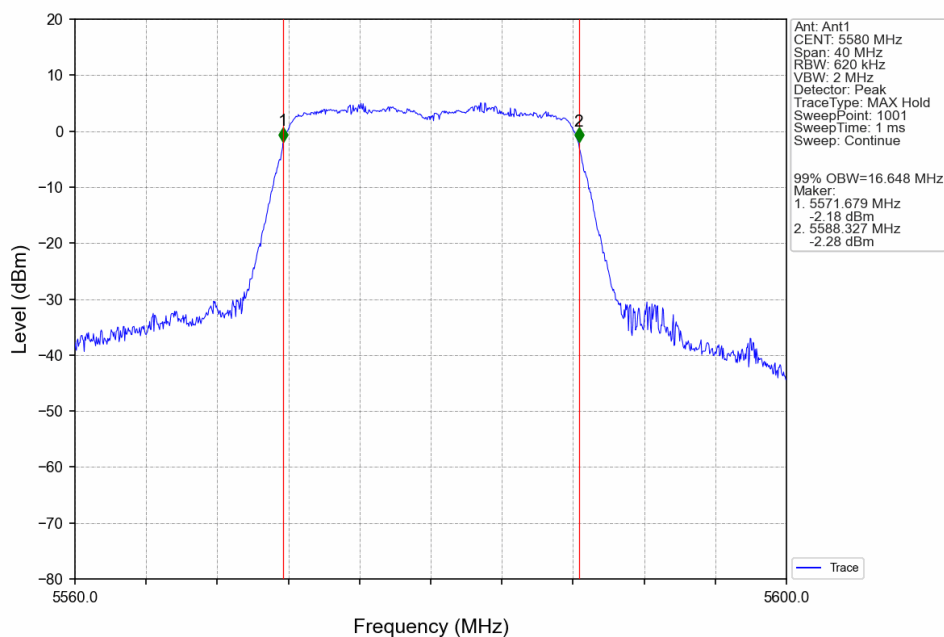
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



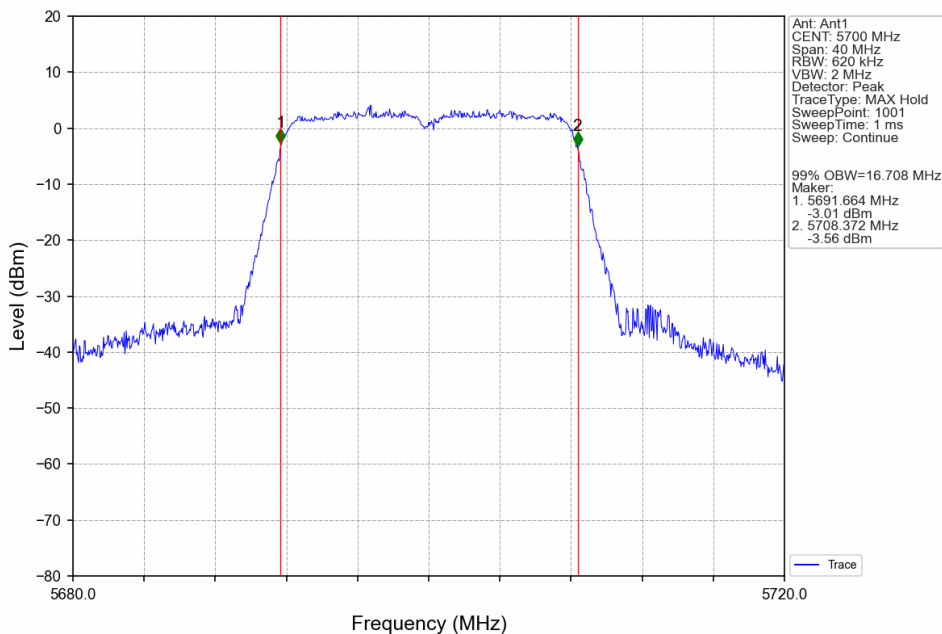
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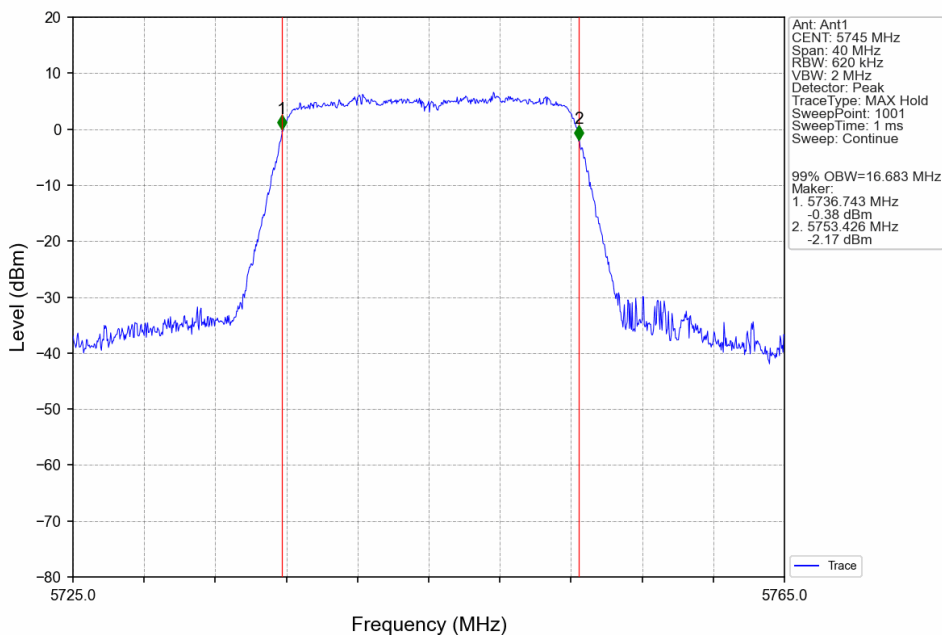
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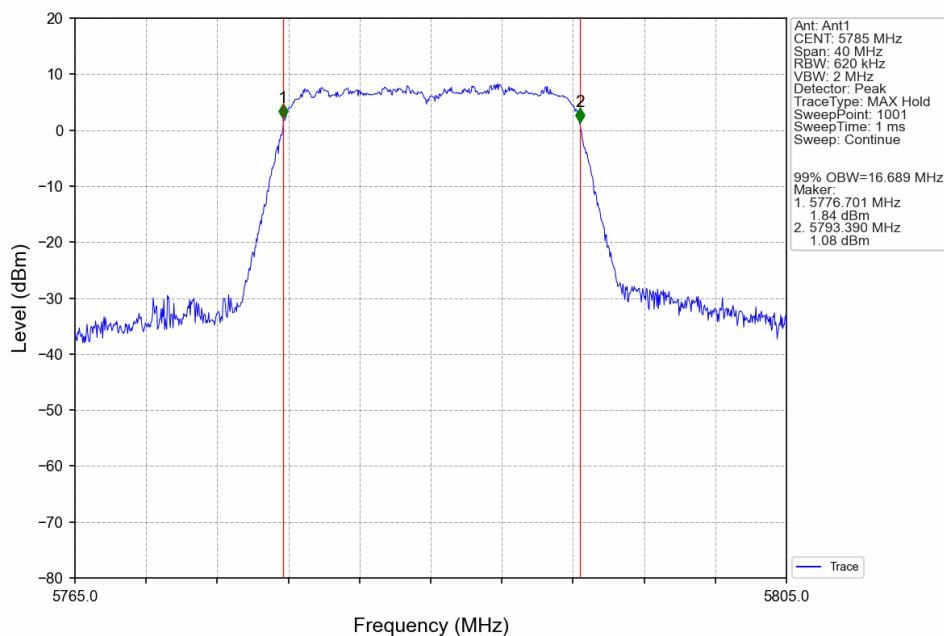
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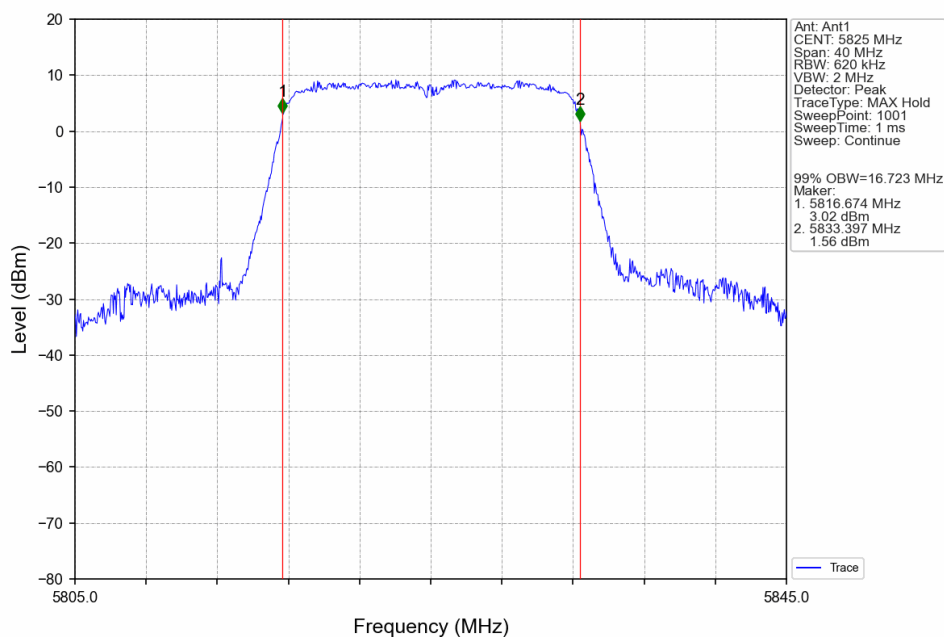
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



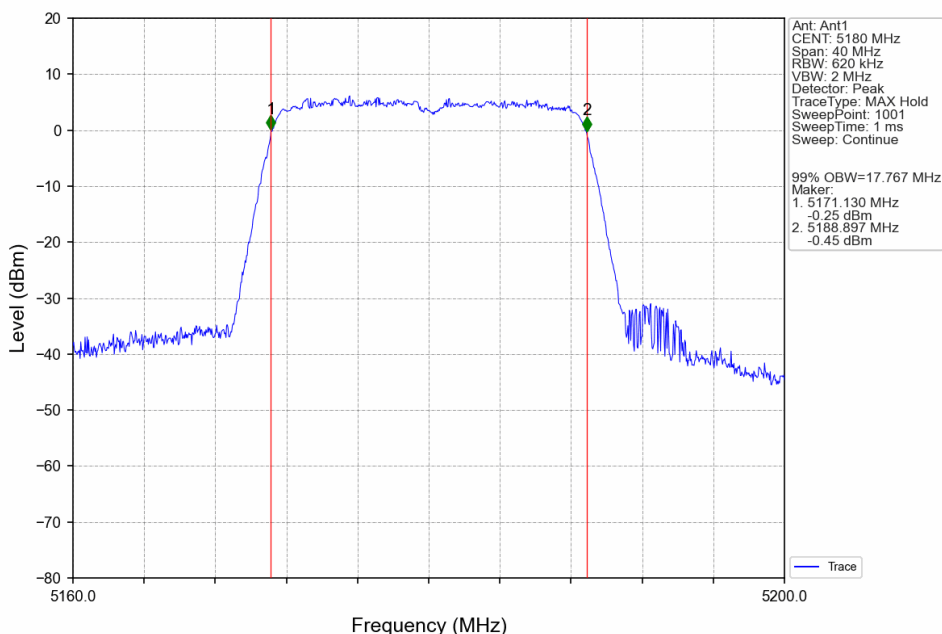
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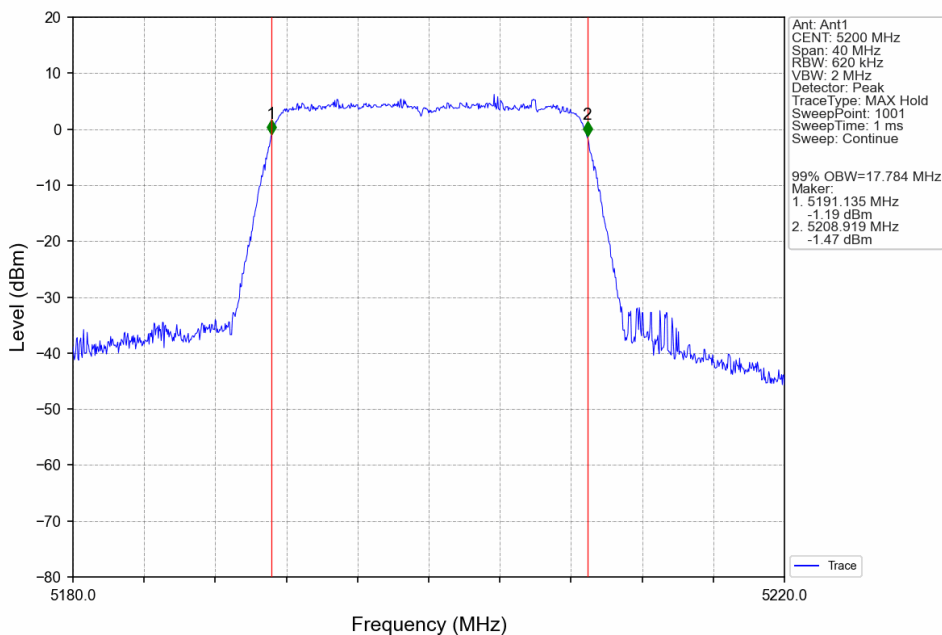
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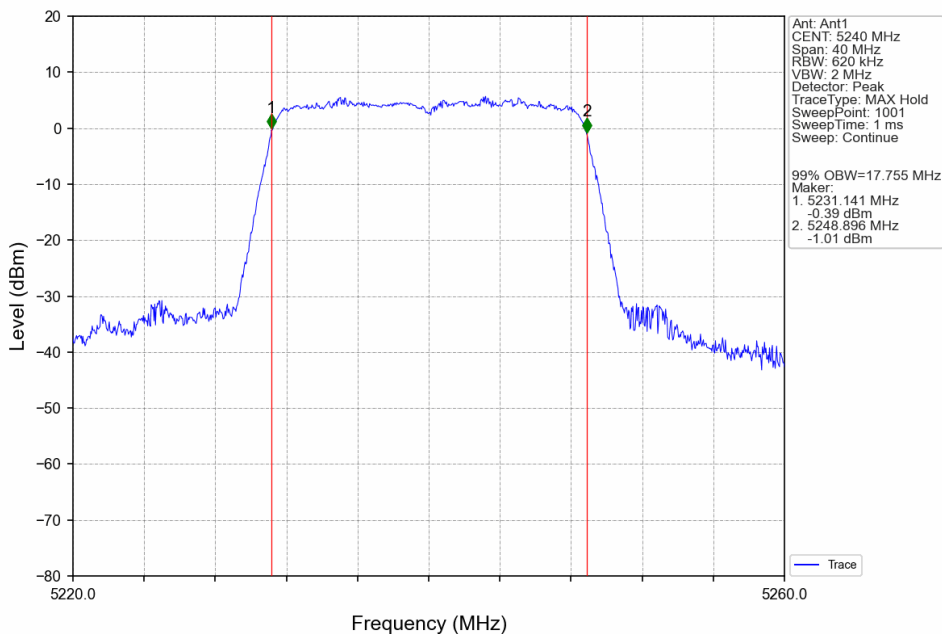
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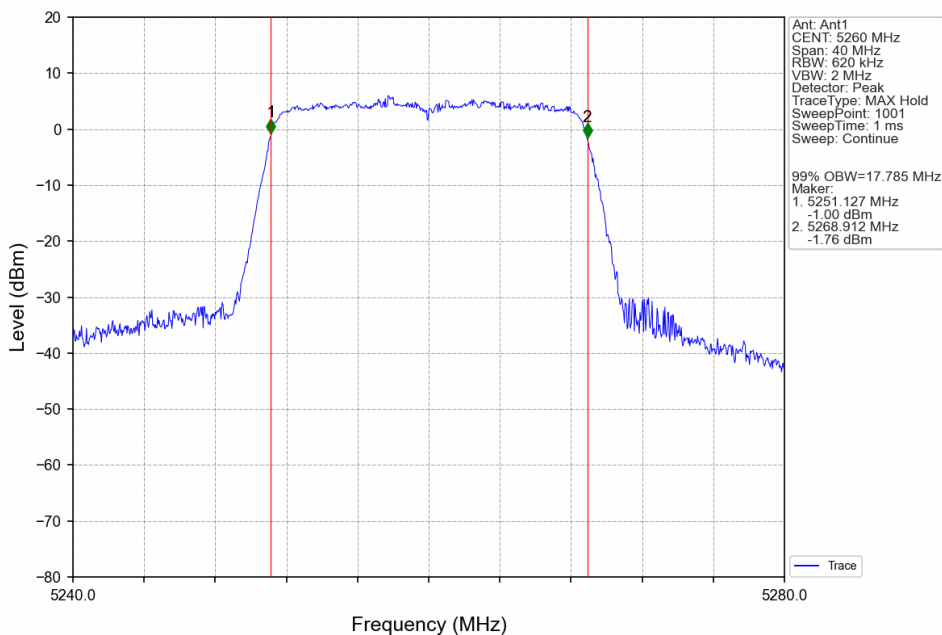
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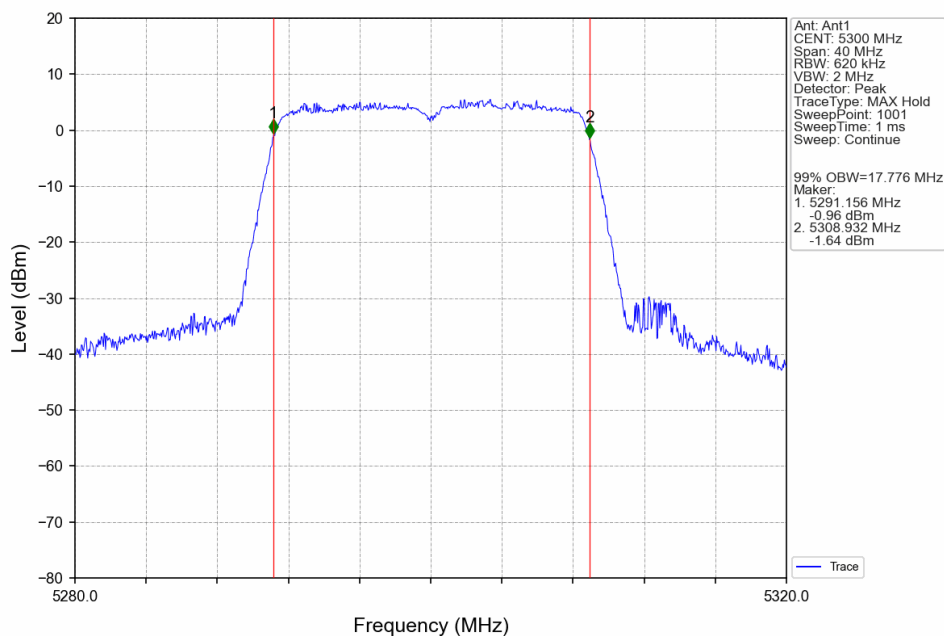
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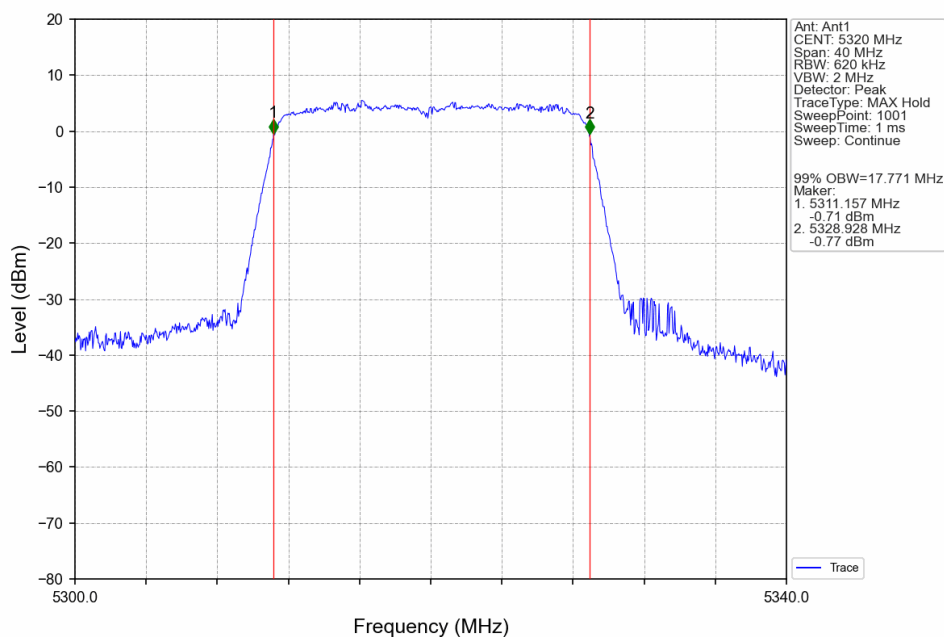
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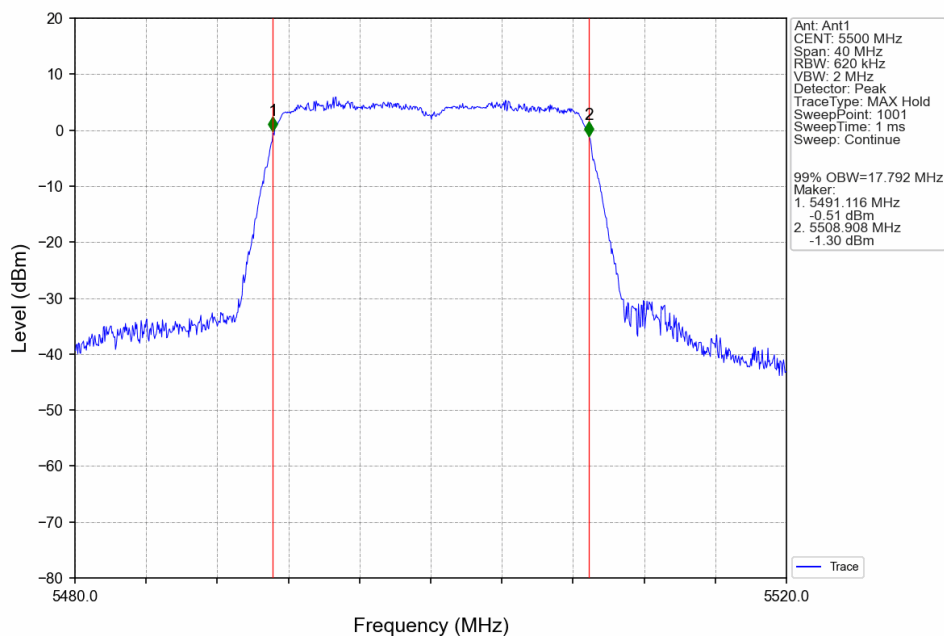
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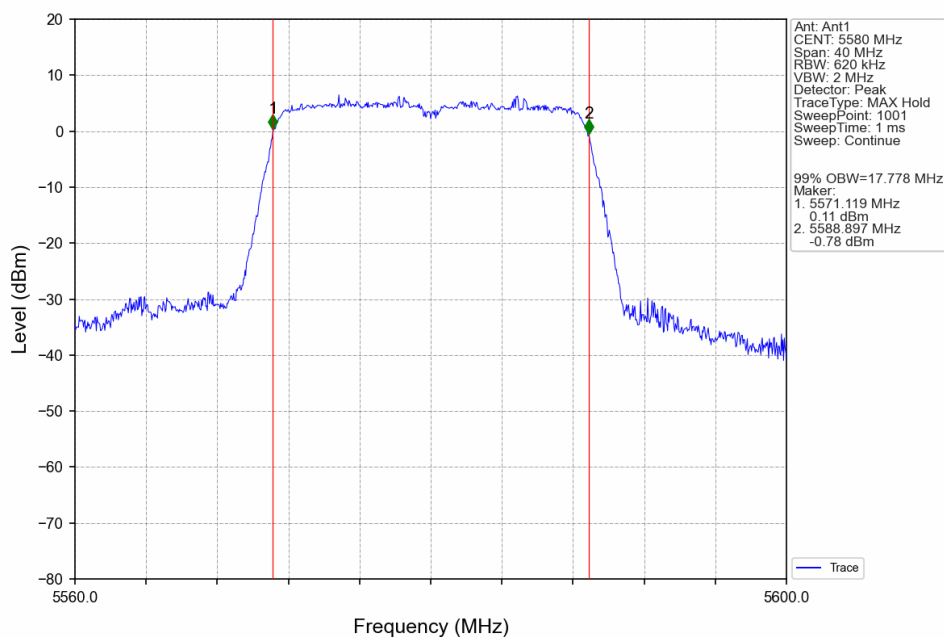
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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



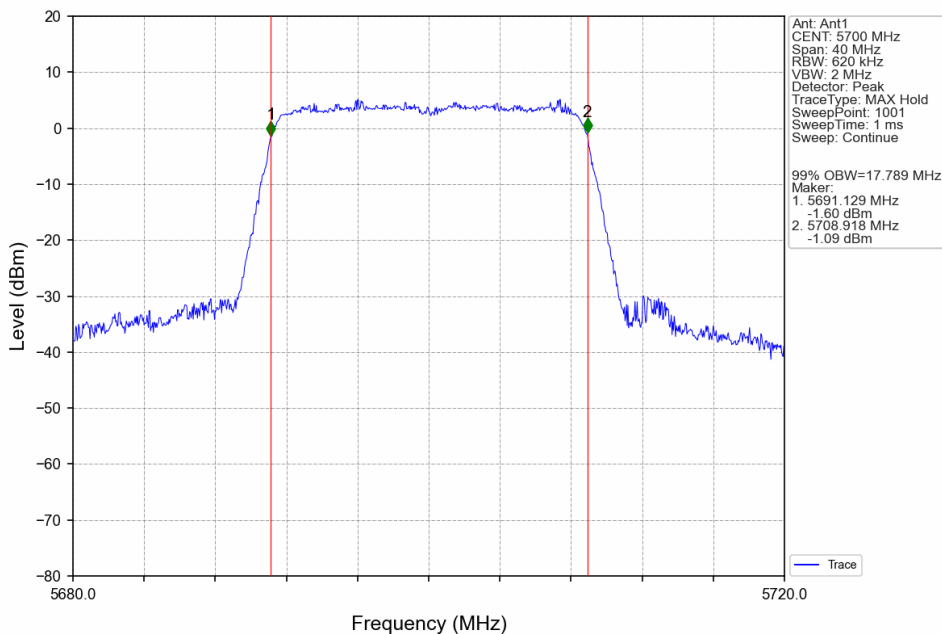
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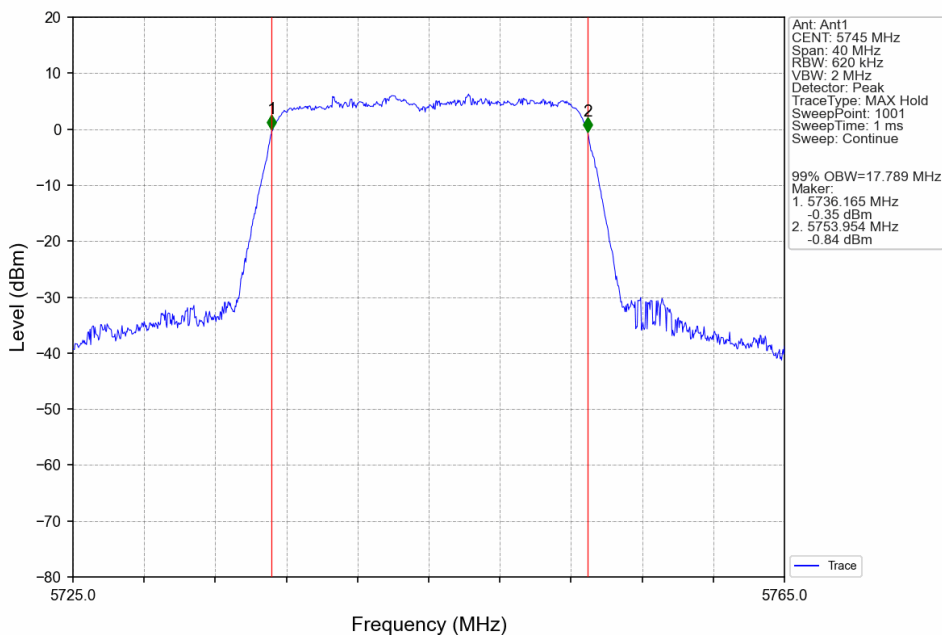
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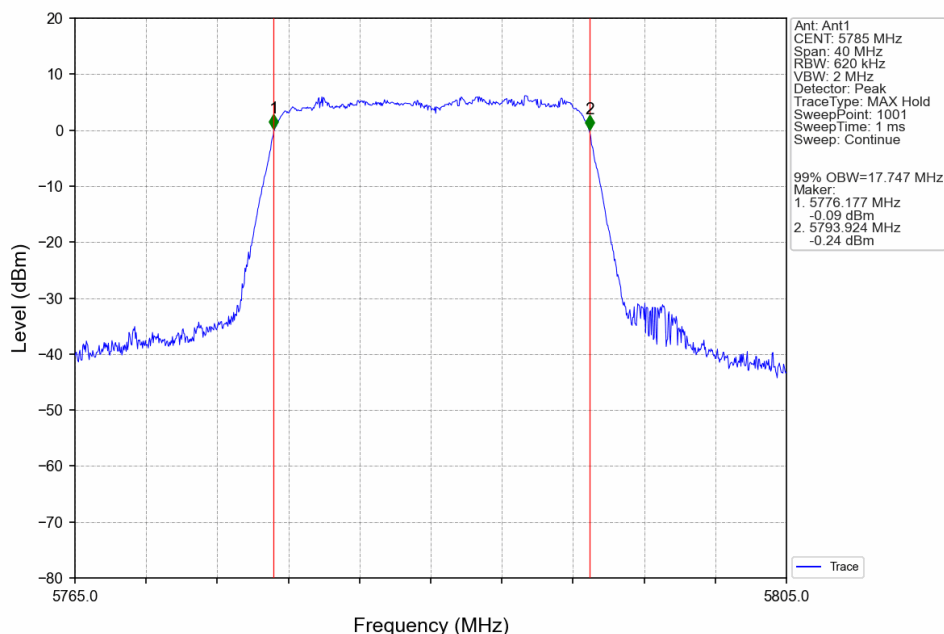
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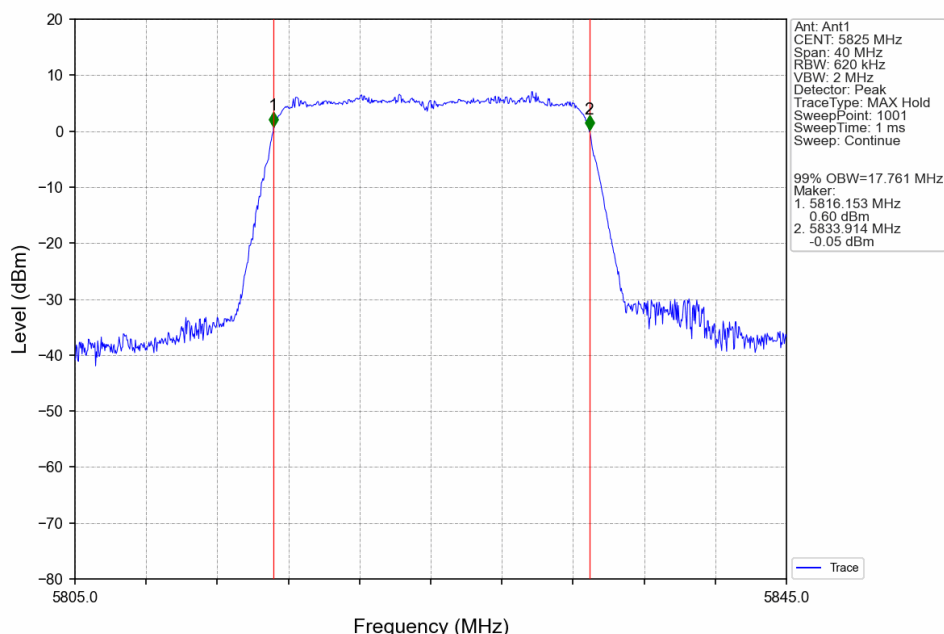
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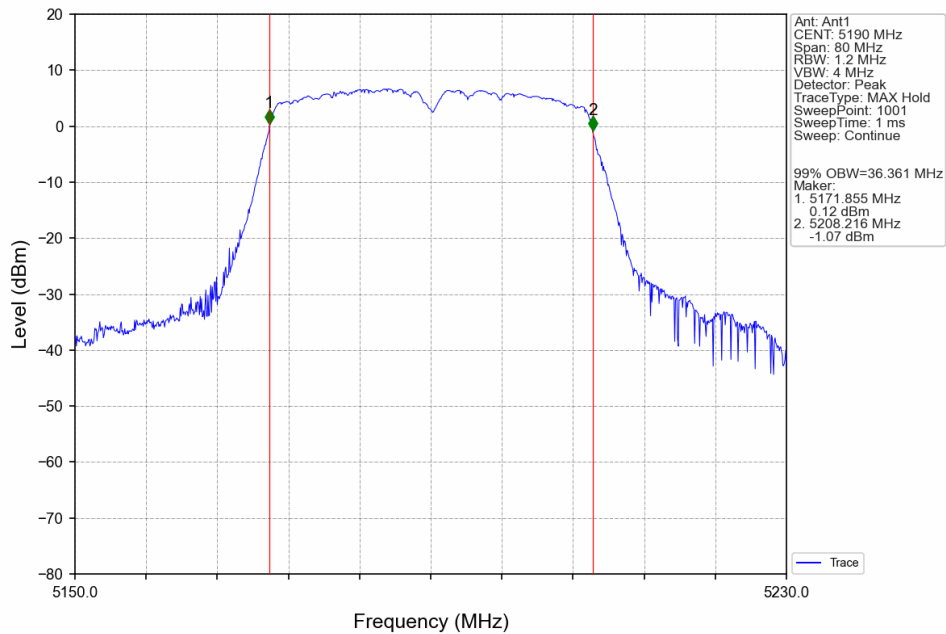
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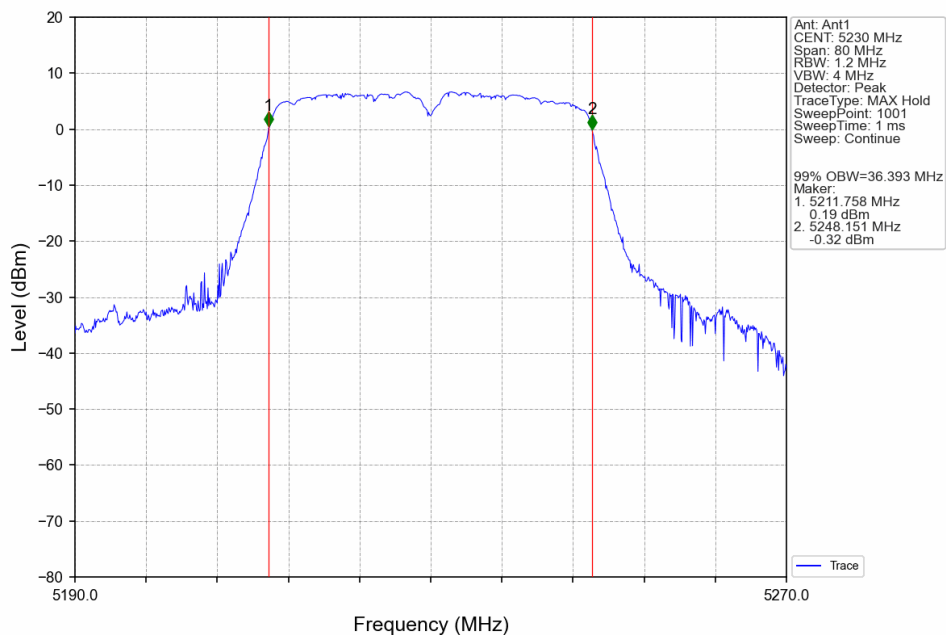
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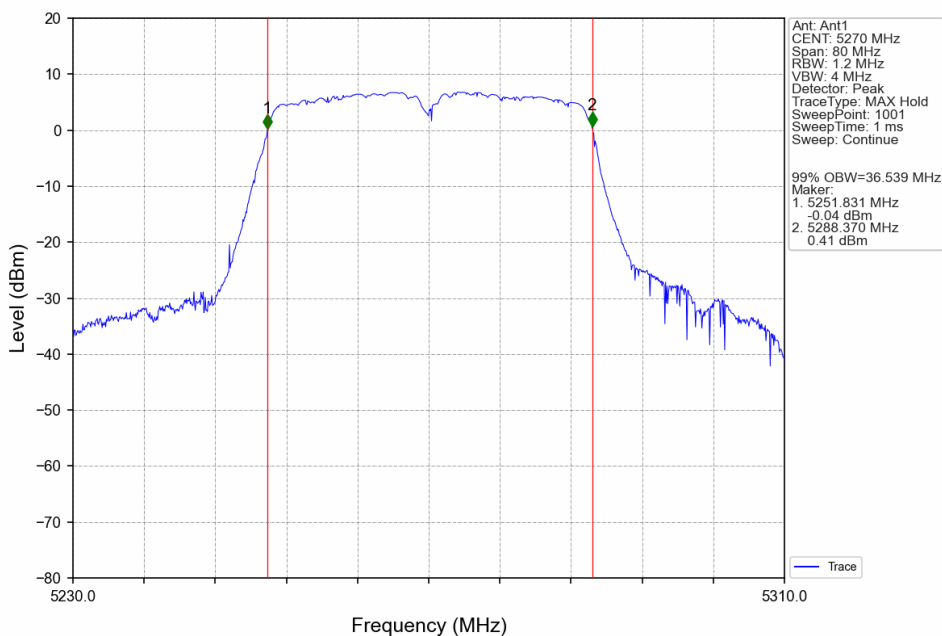
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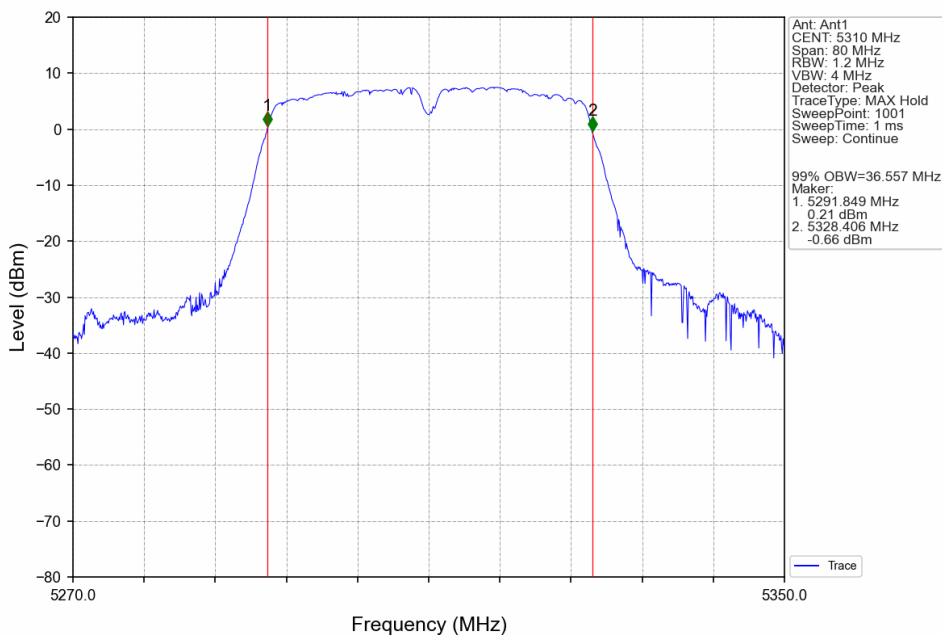
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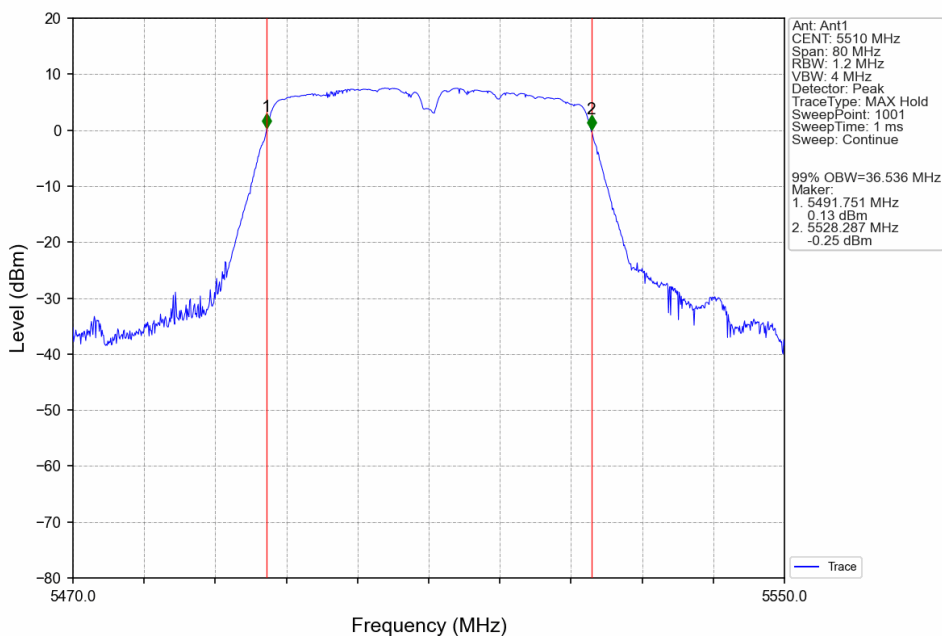
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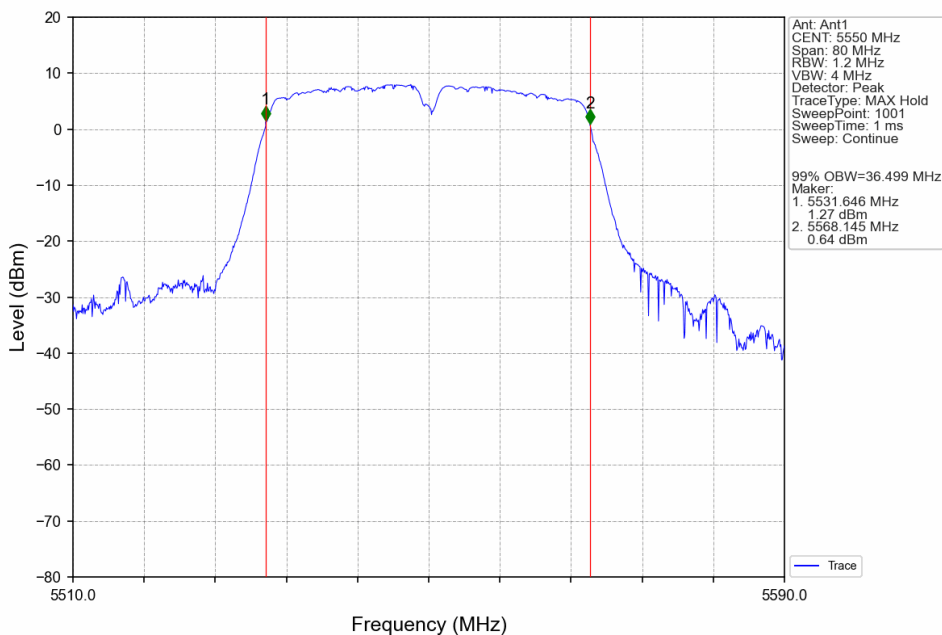
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



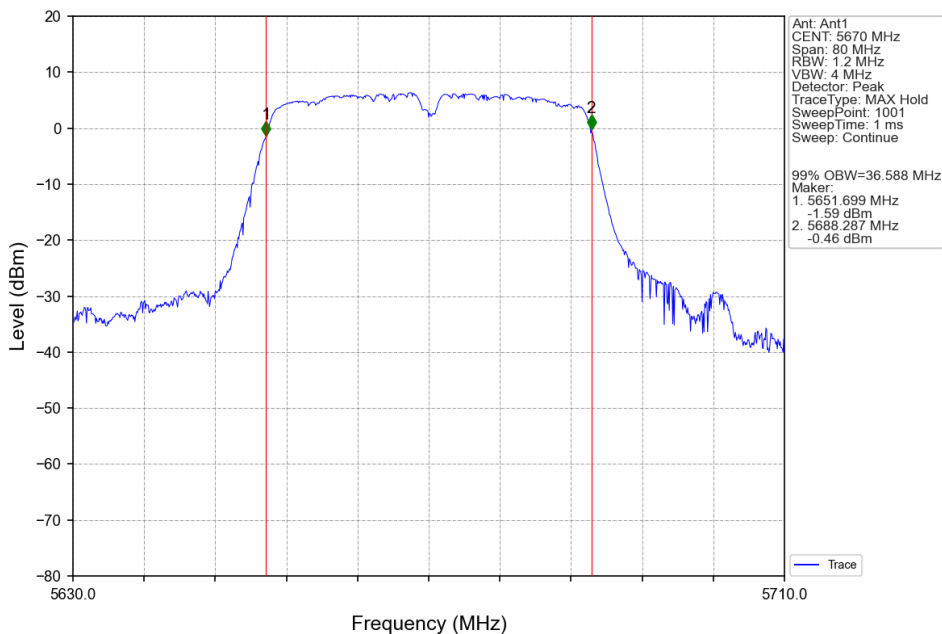
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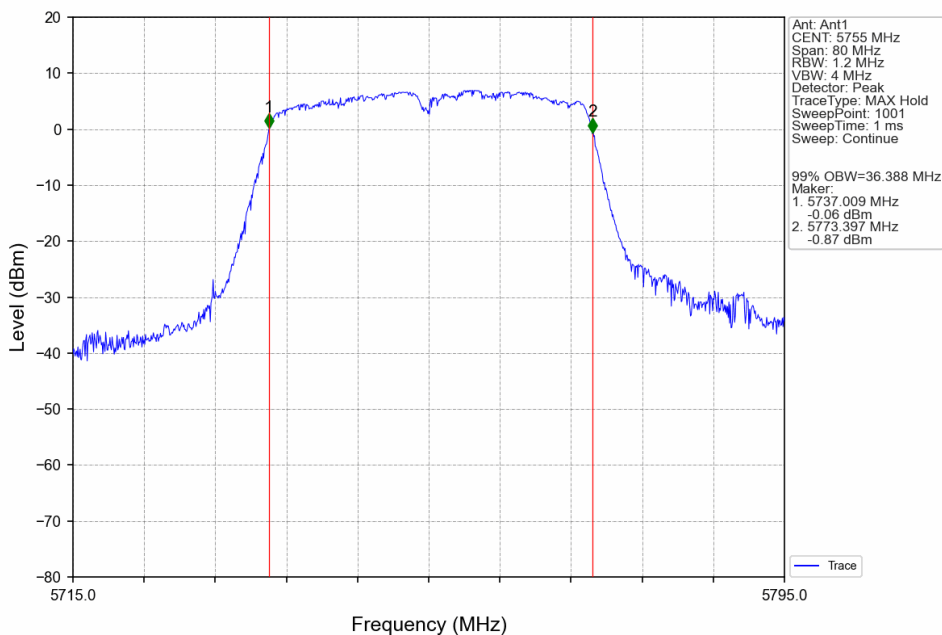
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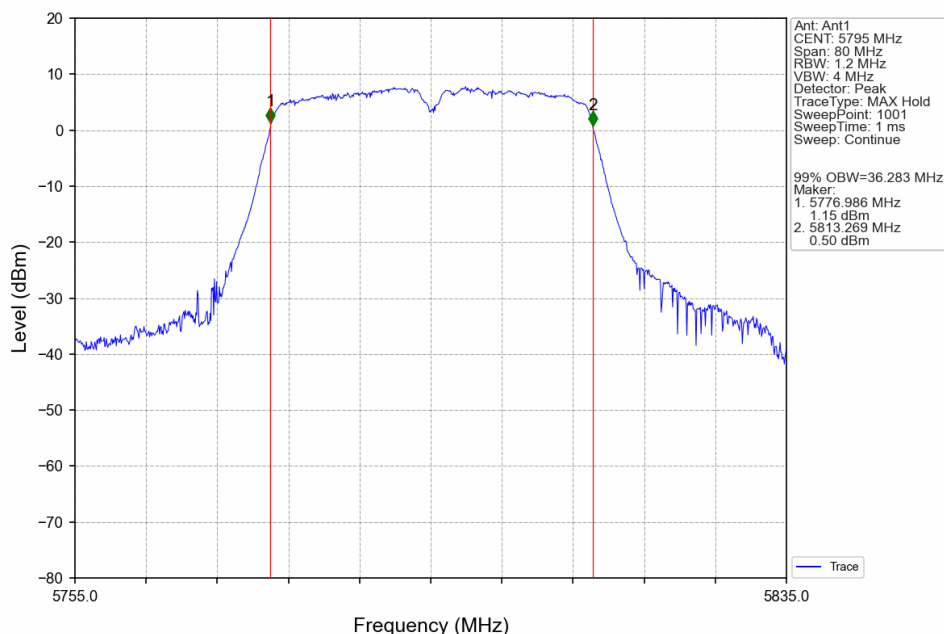
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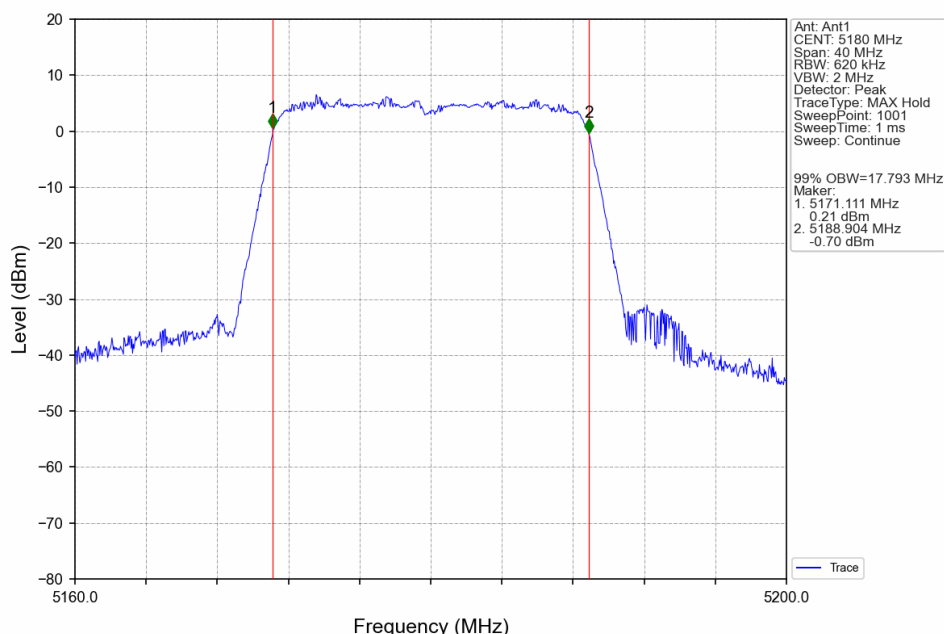
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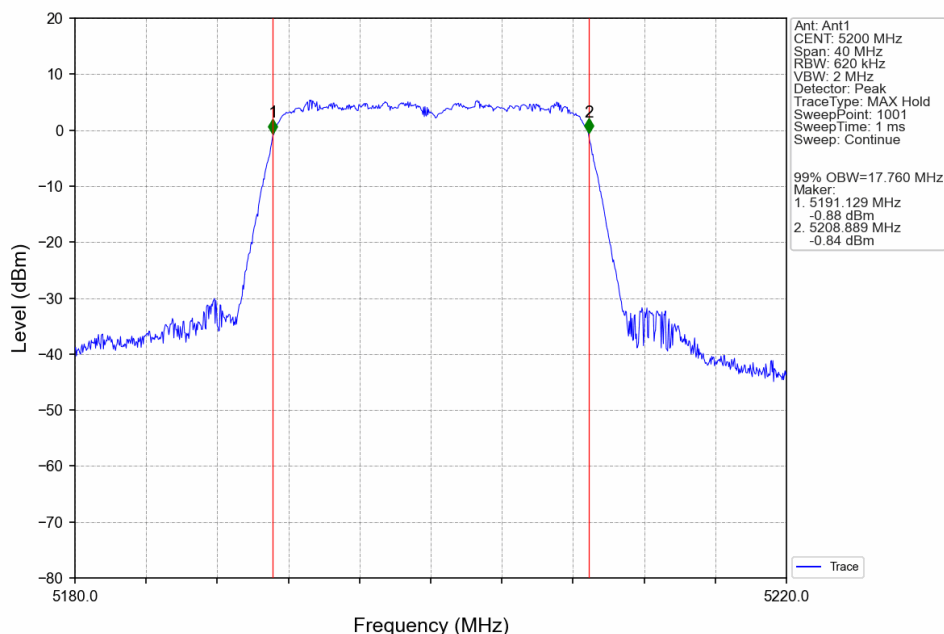
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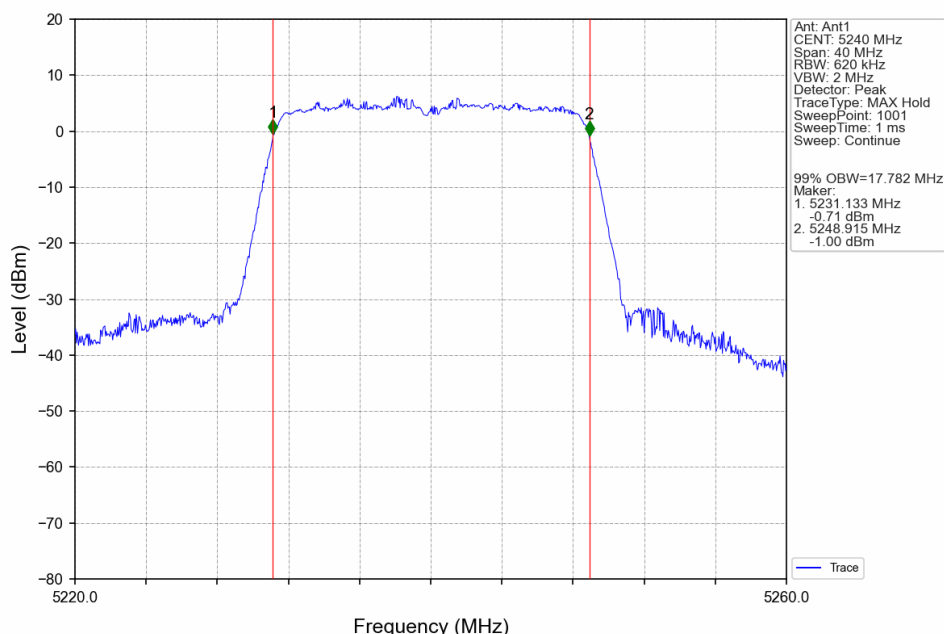
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



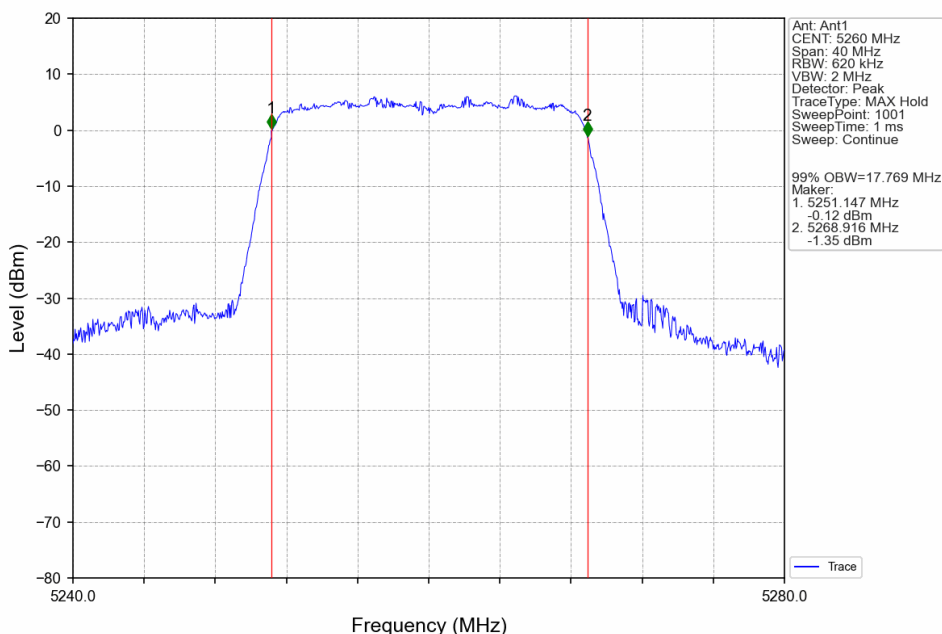
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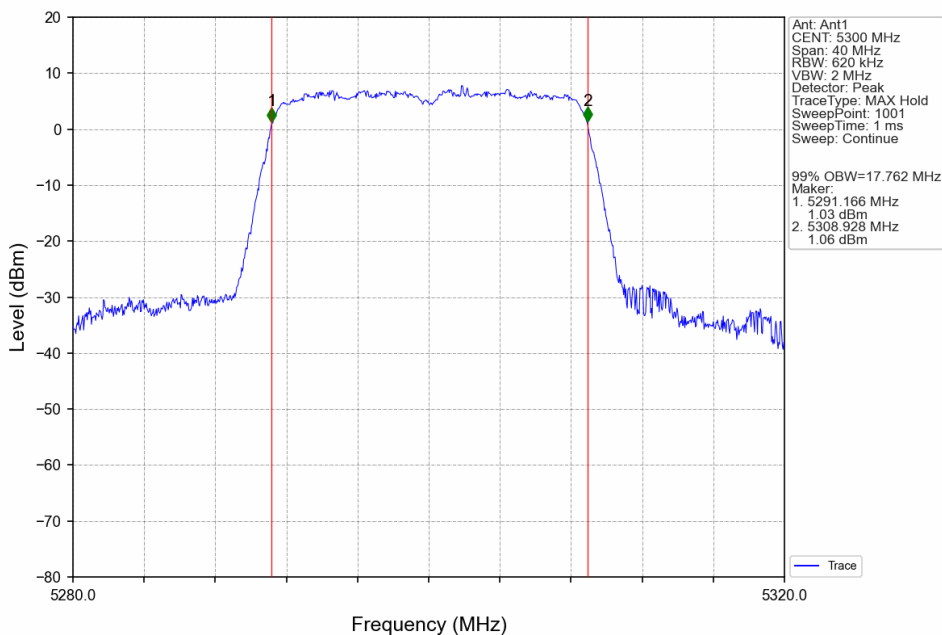
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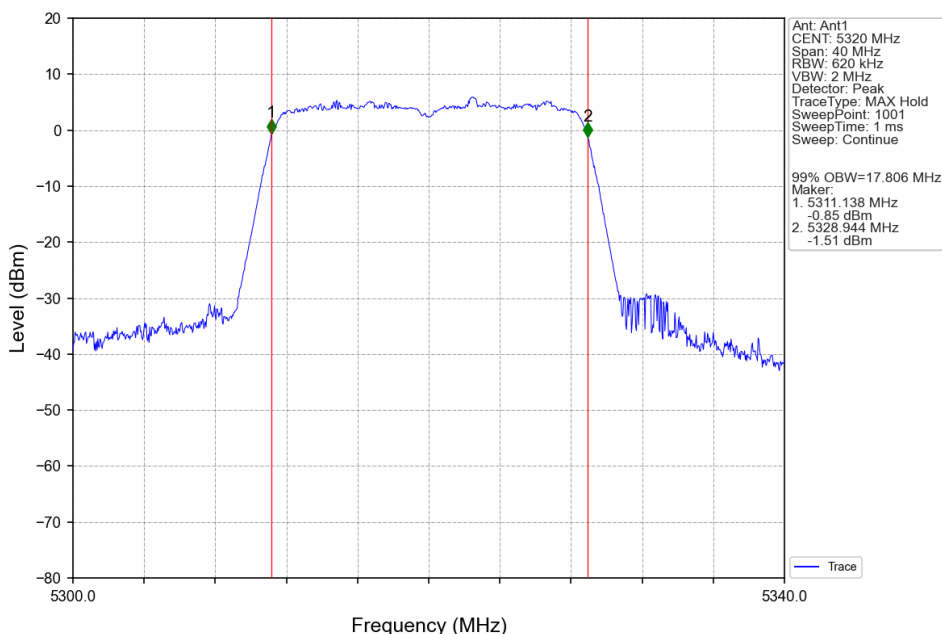
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



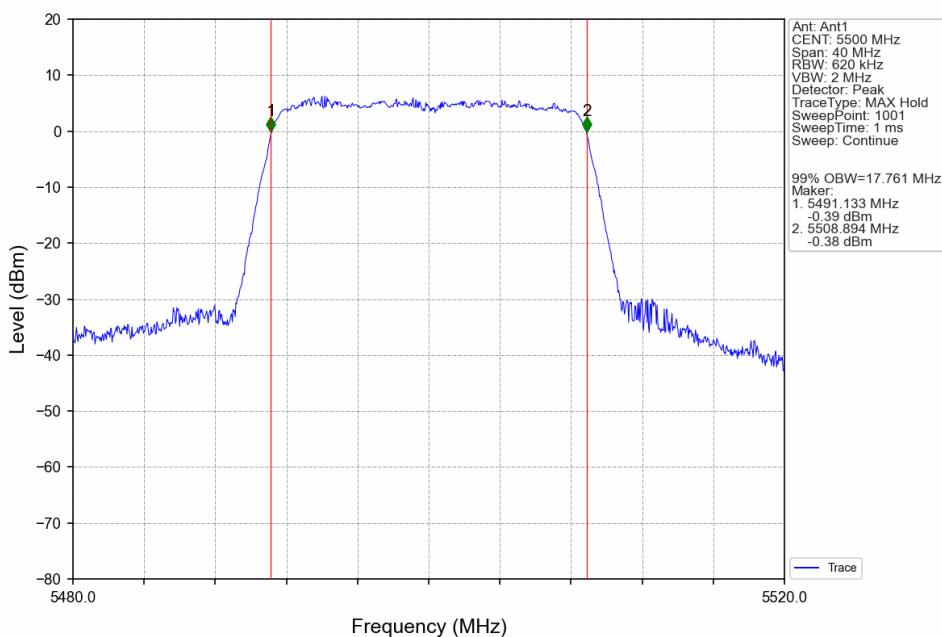
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



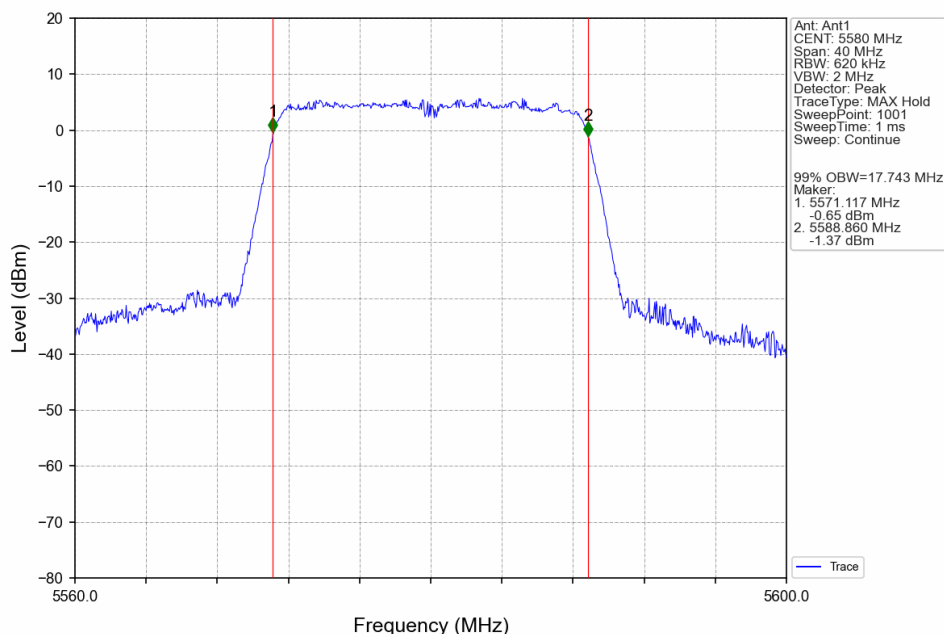
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



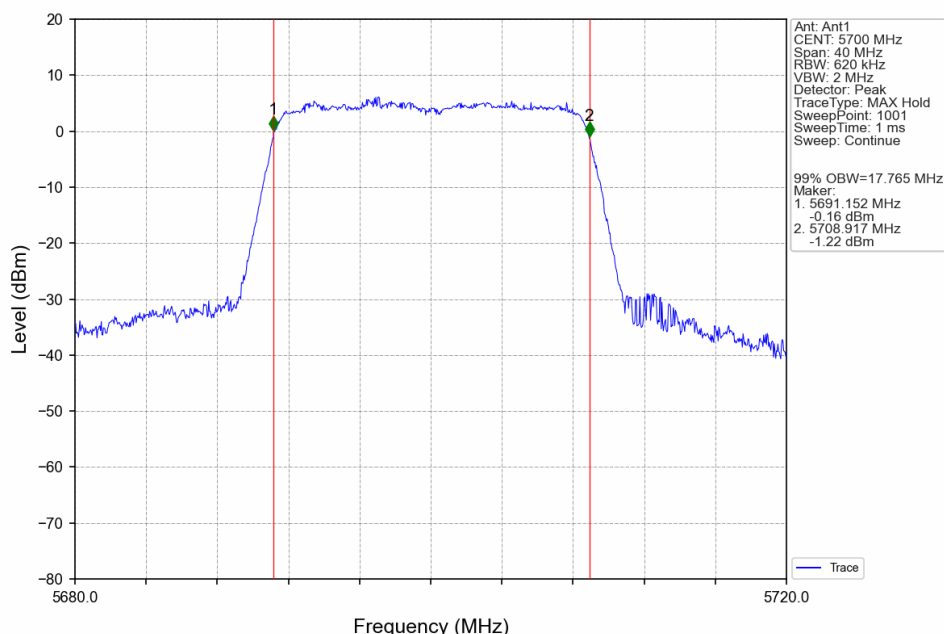
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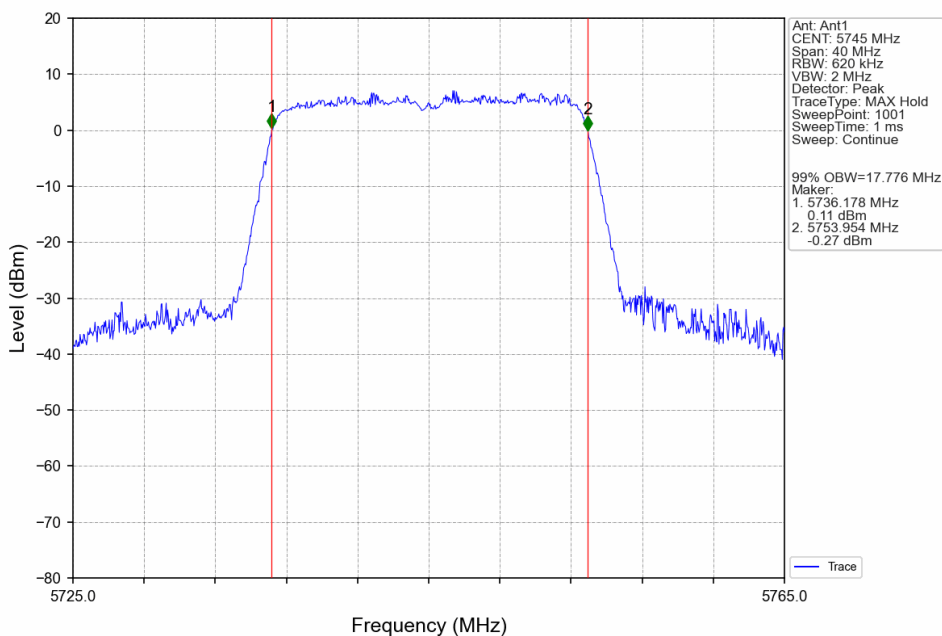
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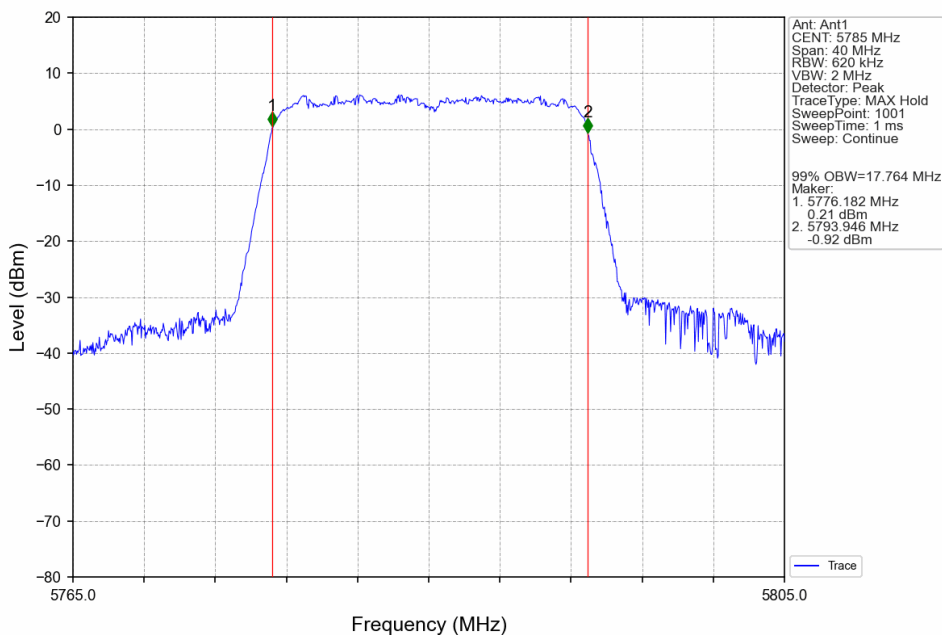
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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