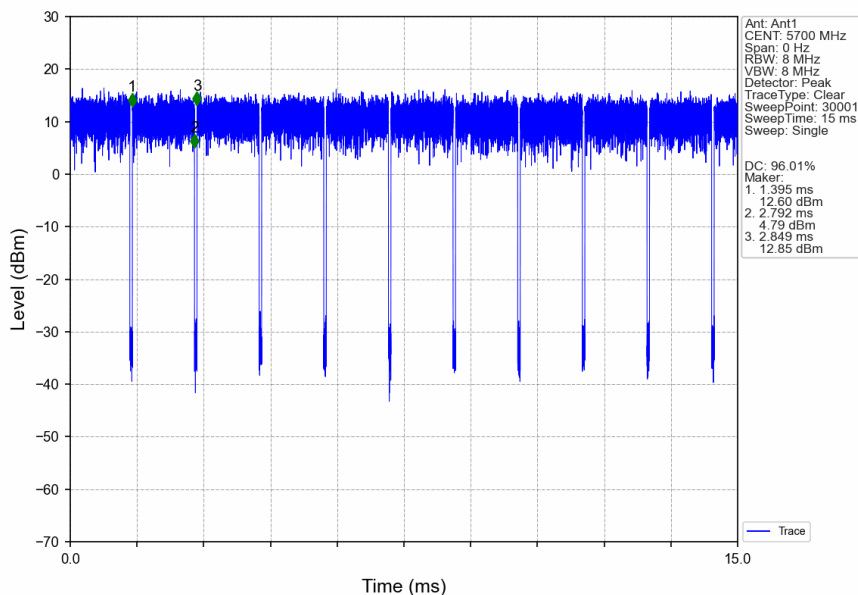
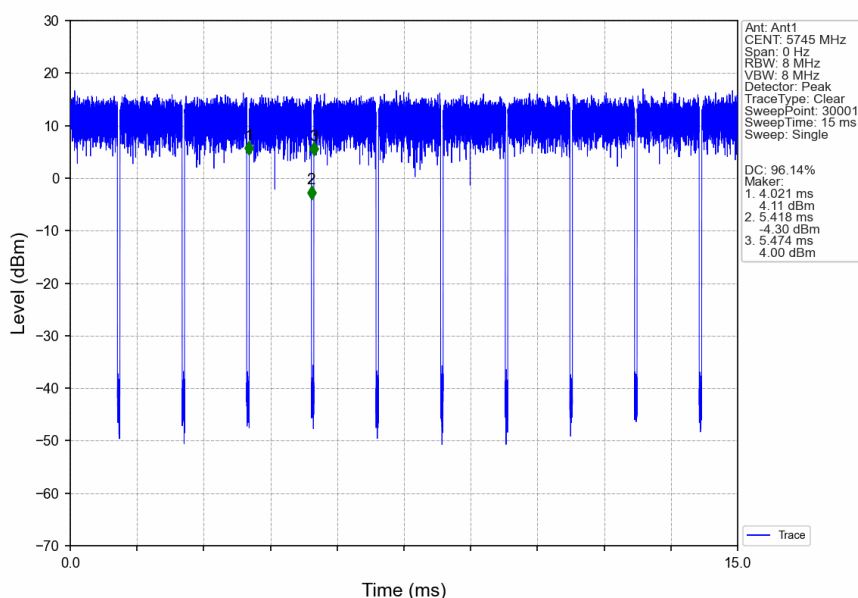


802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



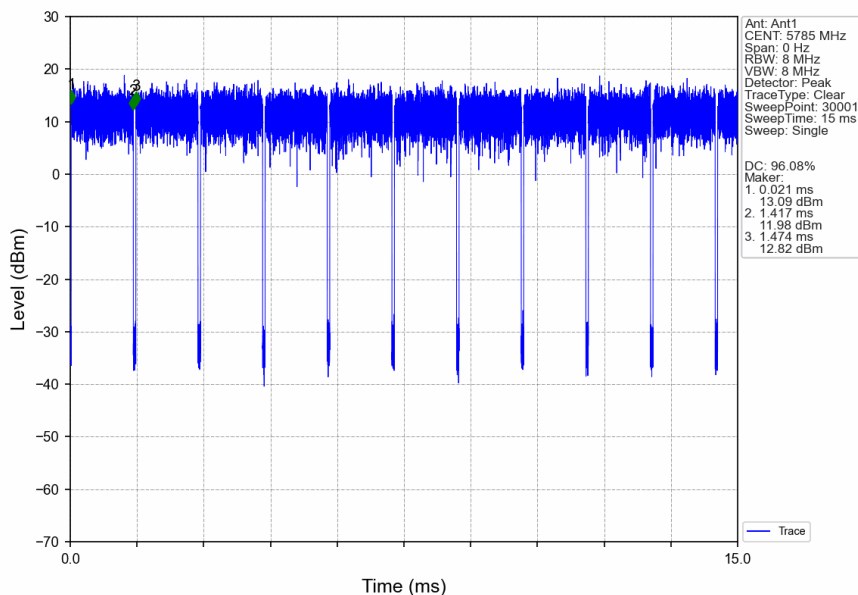
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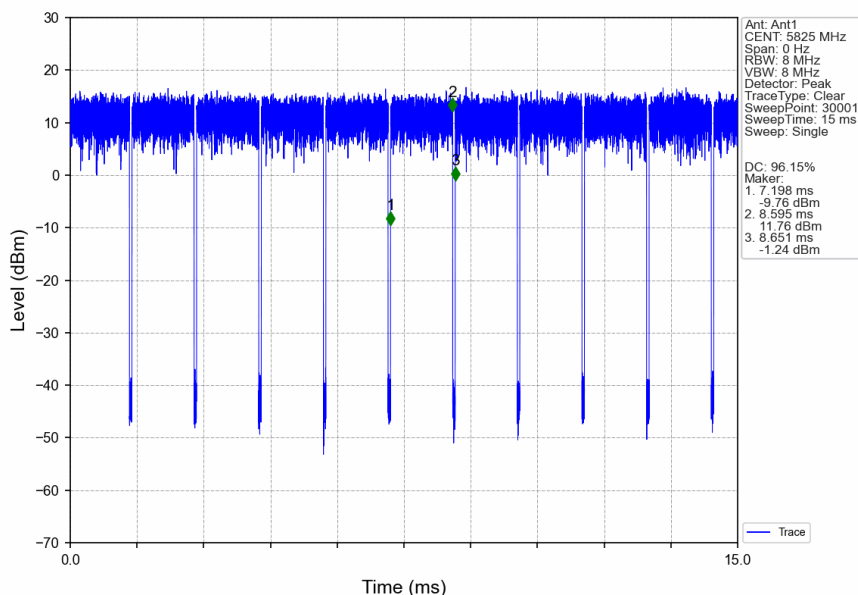
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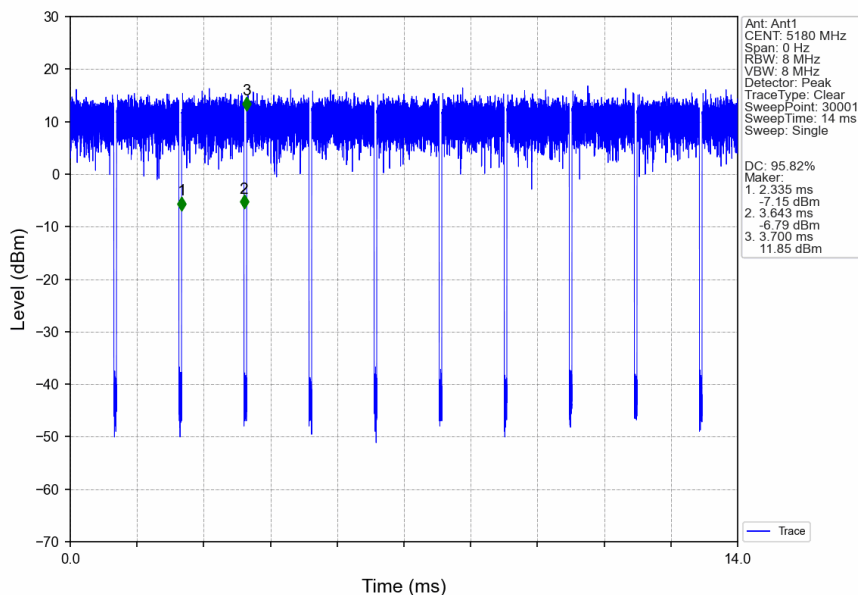
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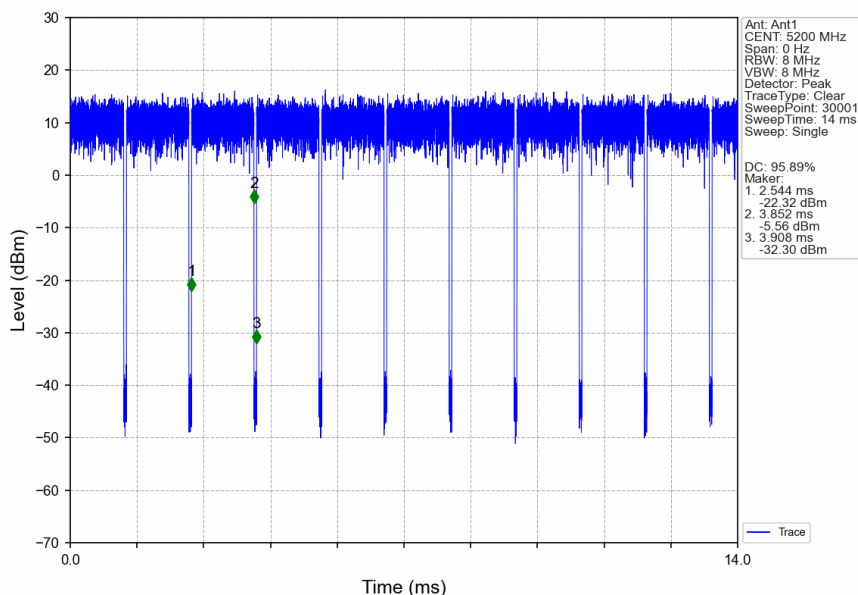
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



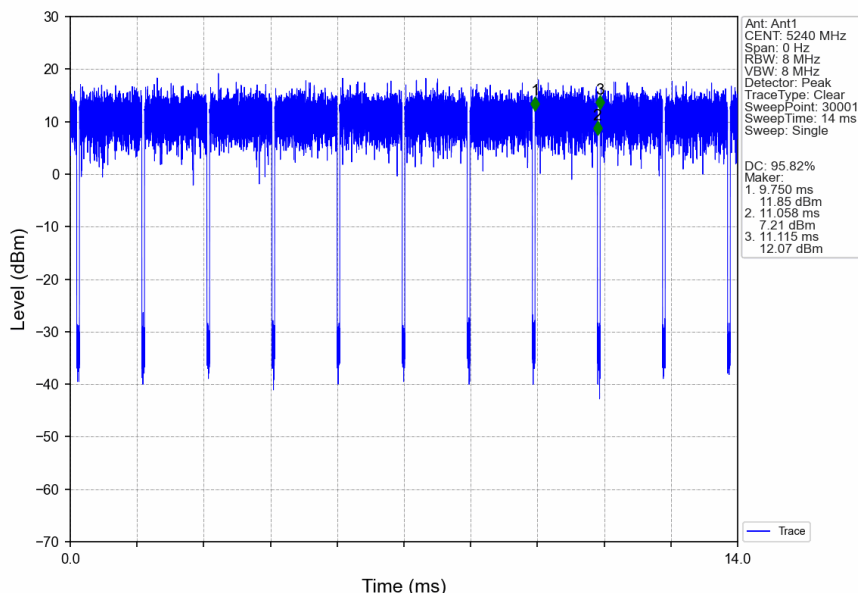
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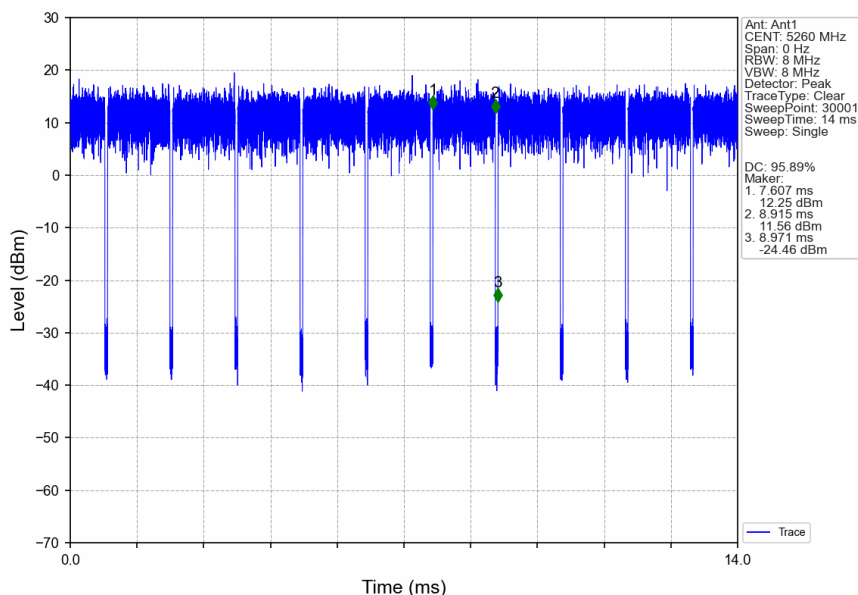
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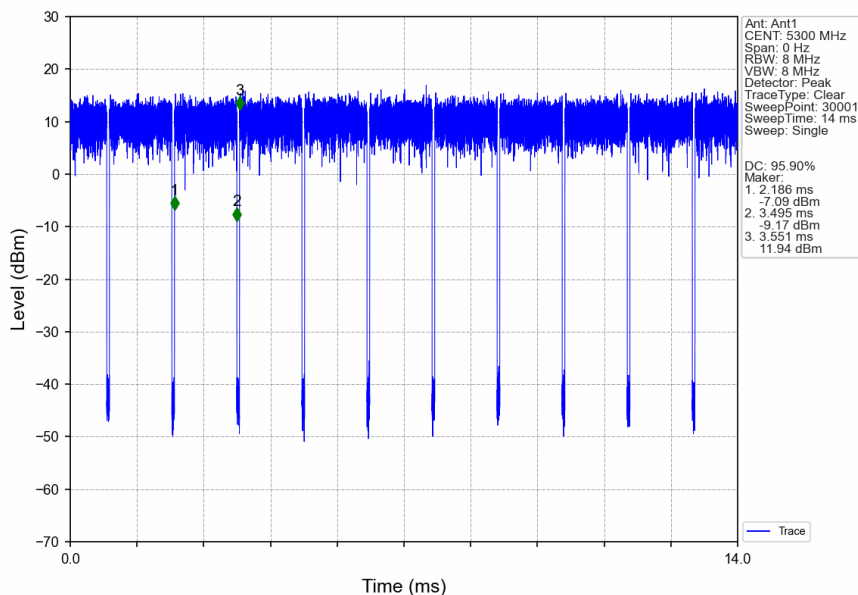
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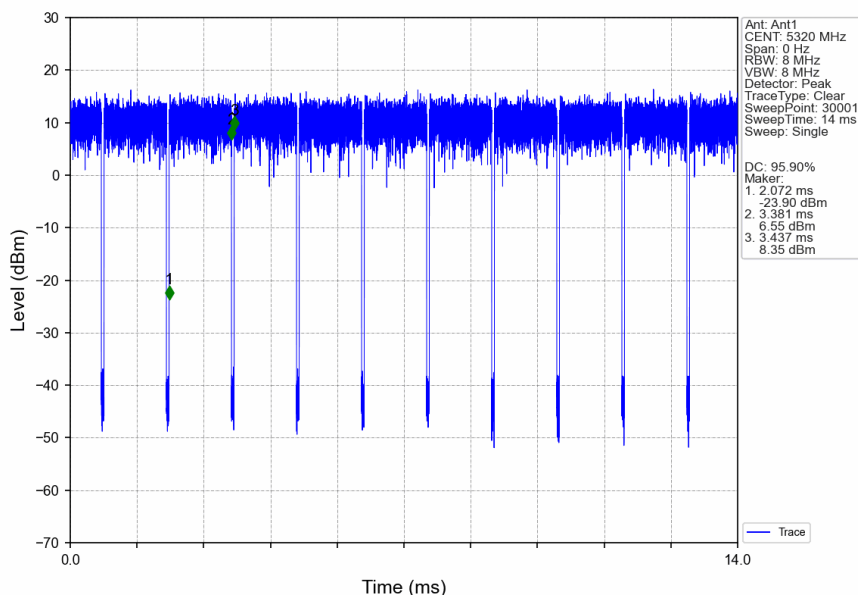
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802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



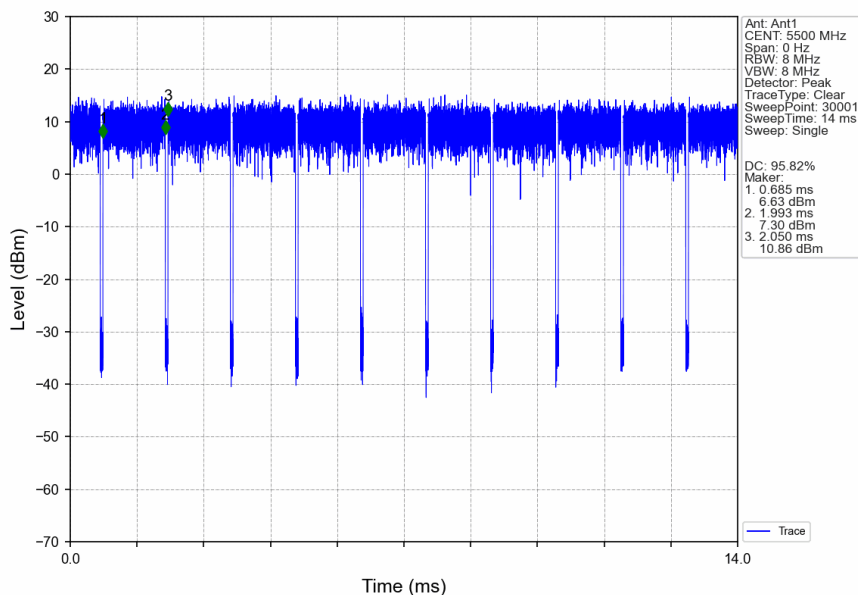
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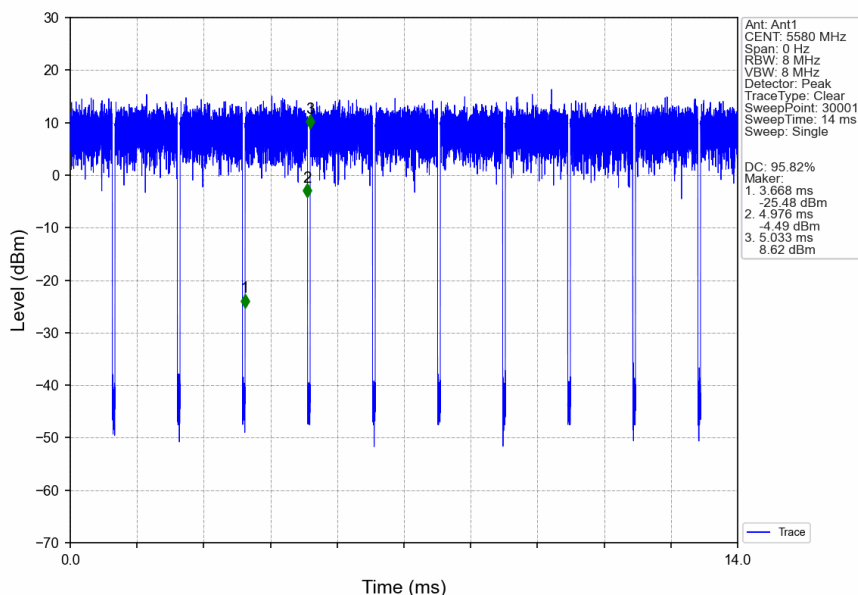
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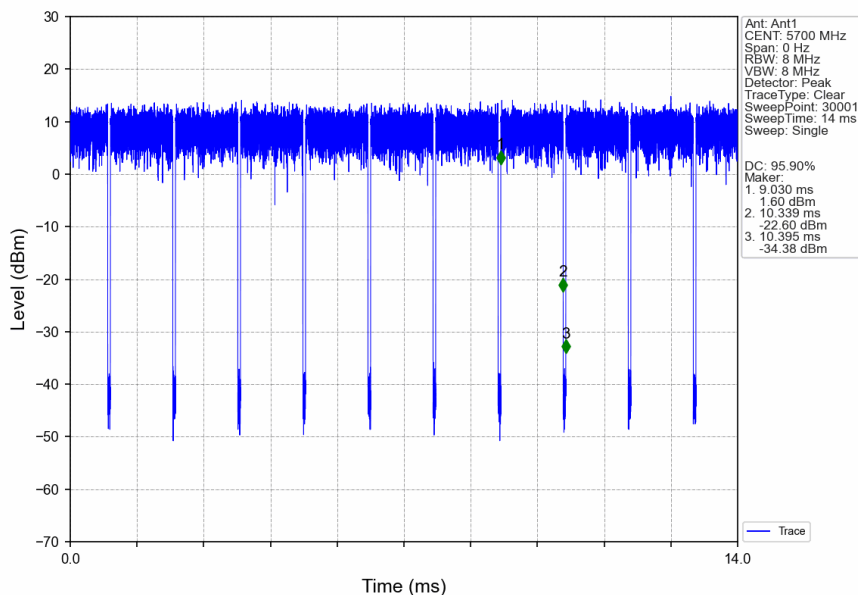
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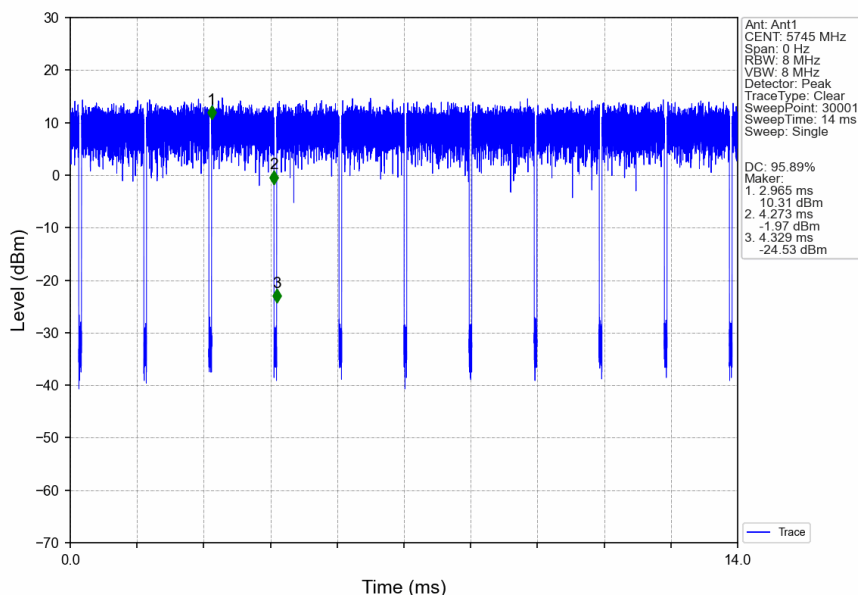
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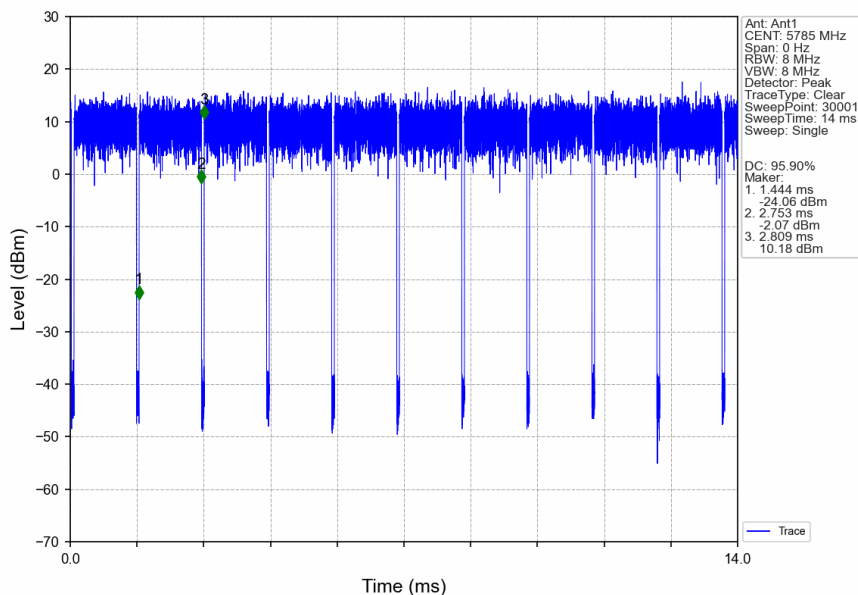
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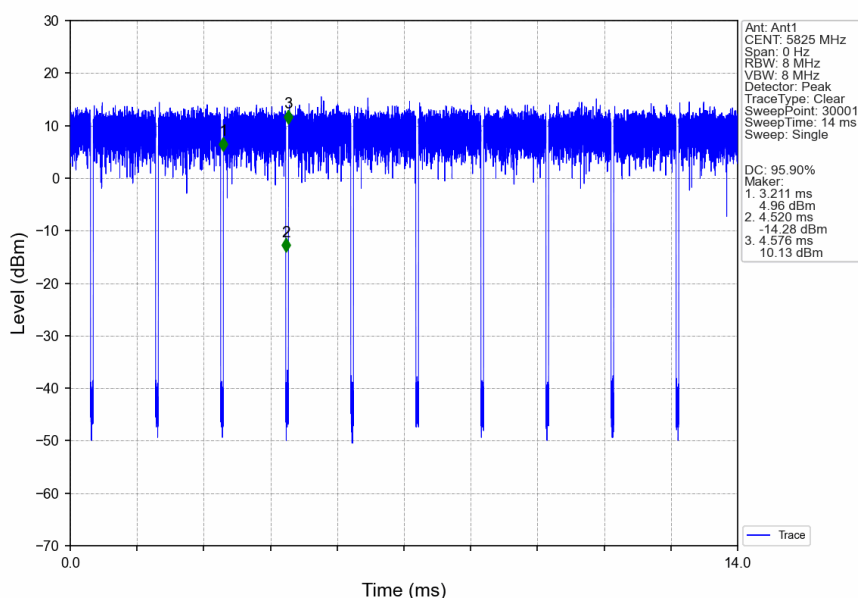
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

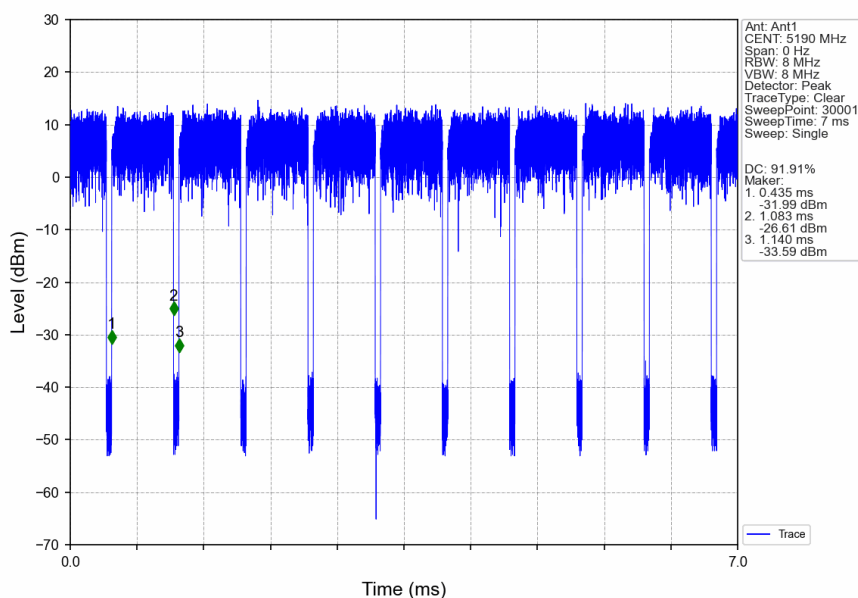


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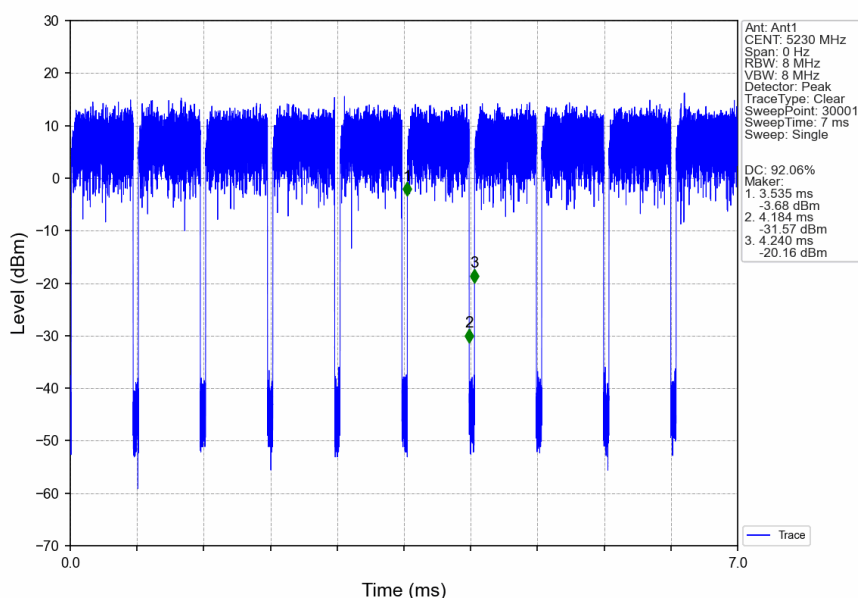
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



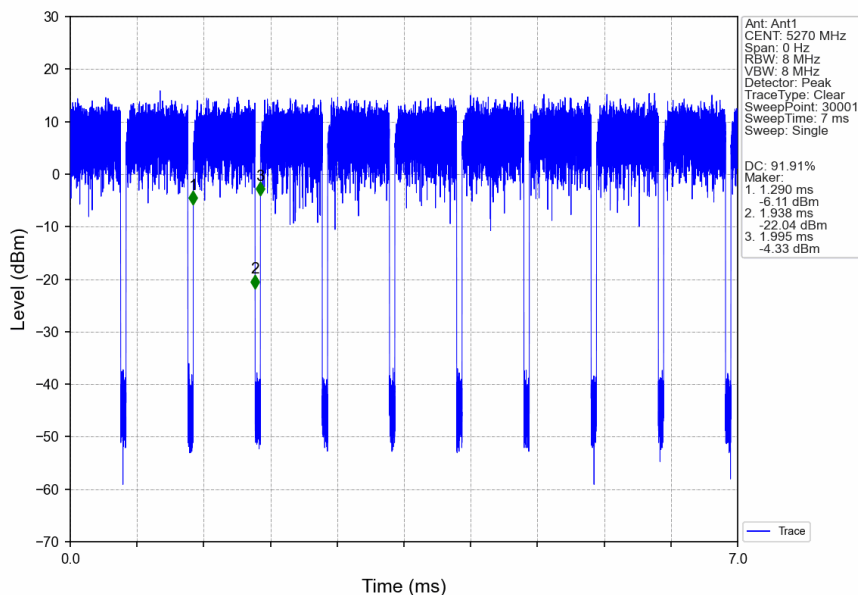
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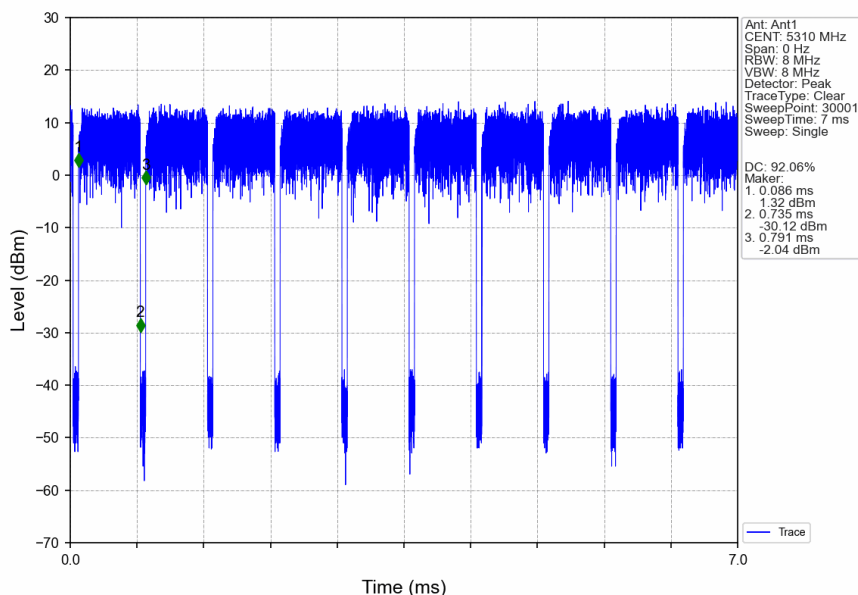
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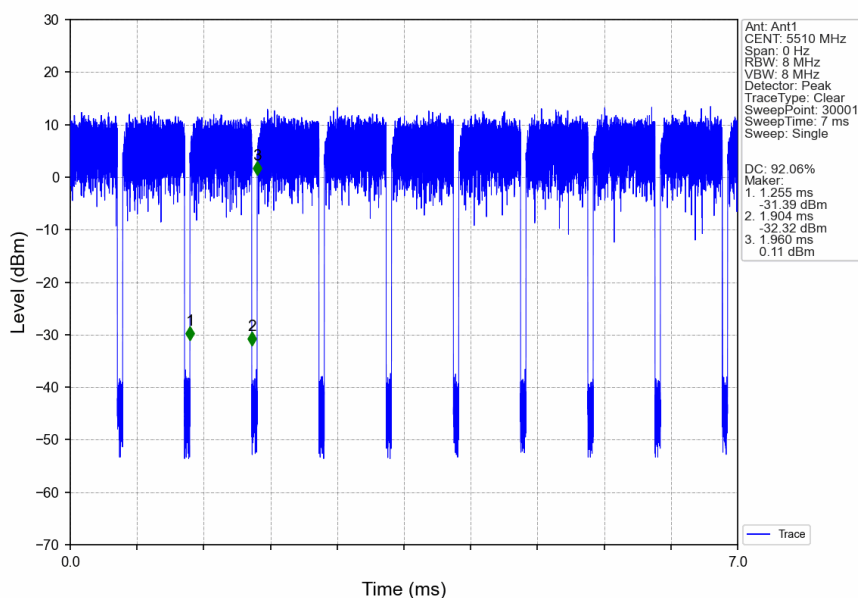
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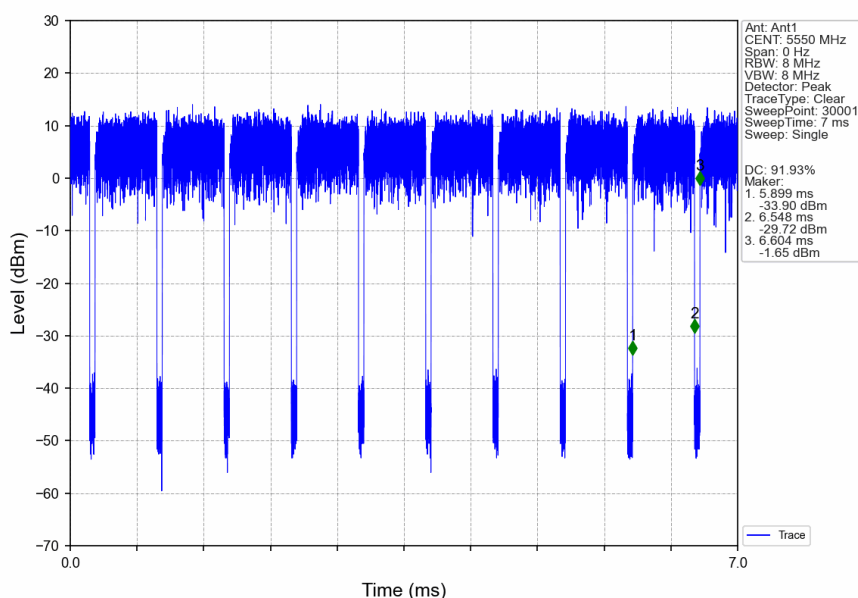
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



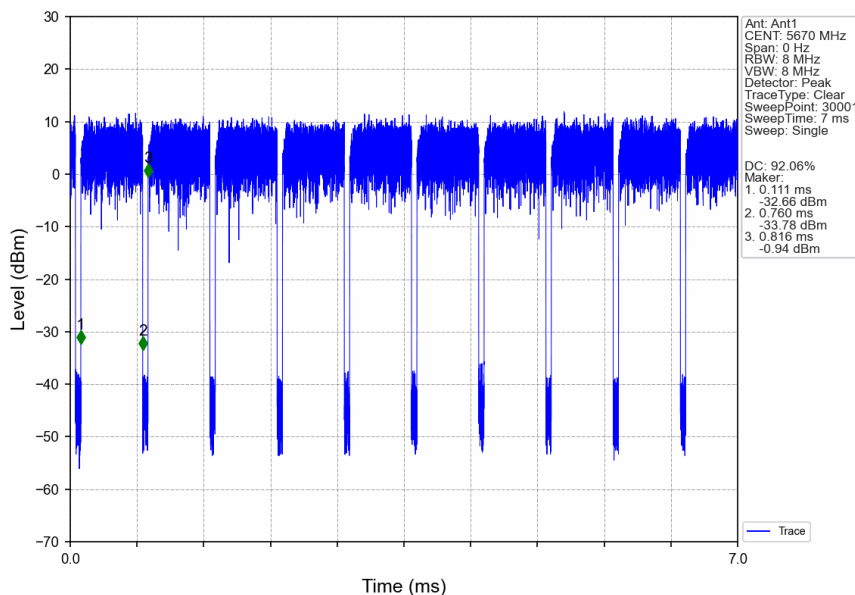
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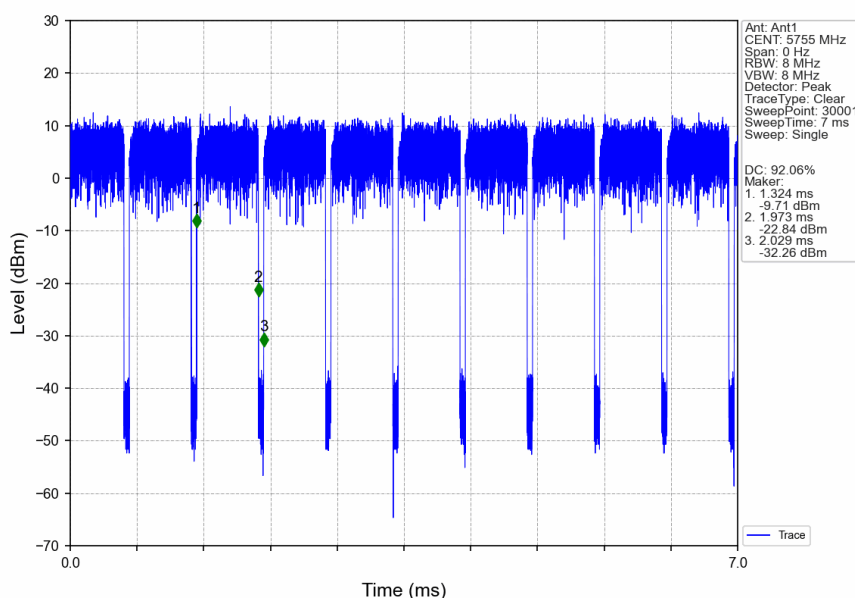
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



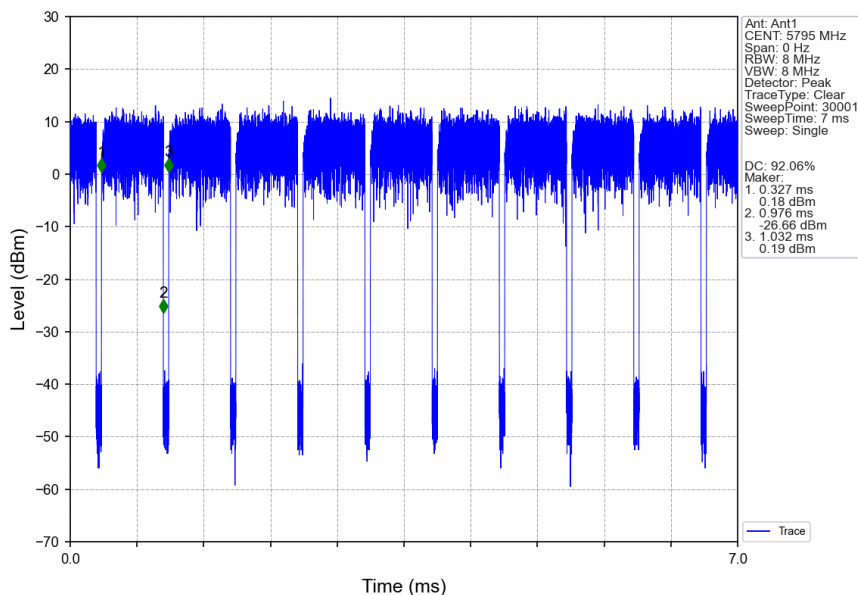
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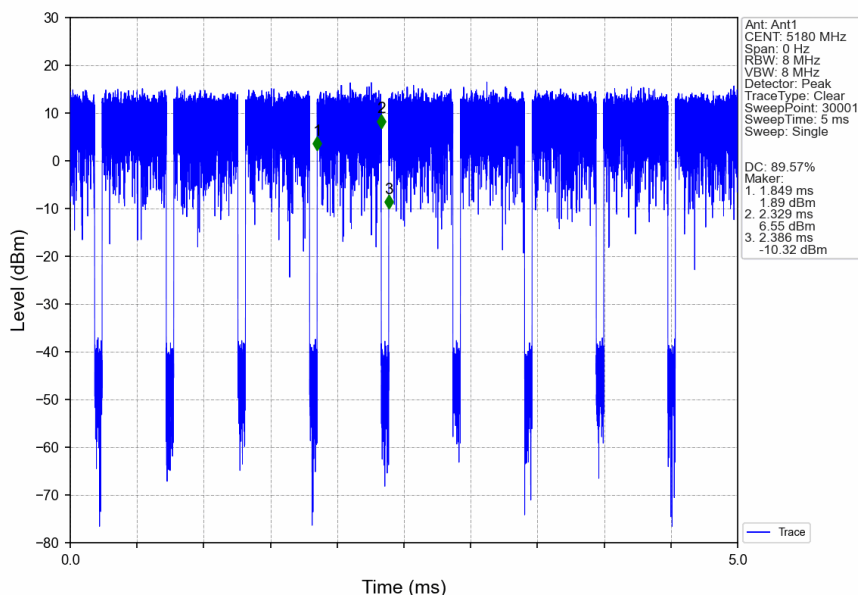
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



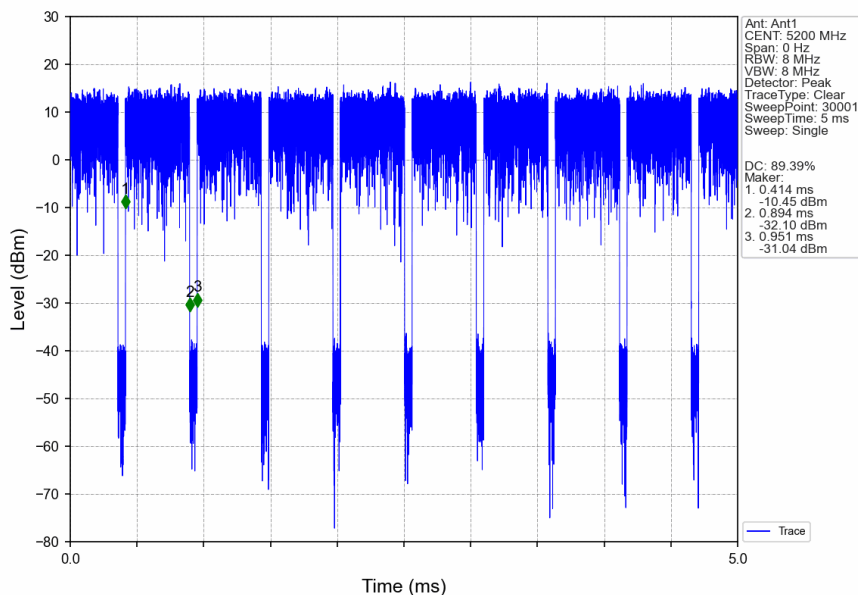
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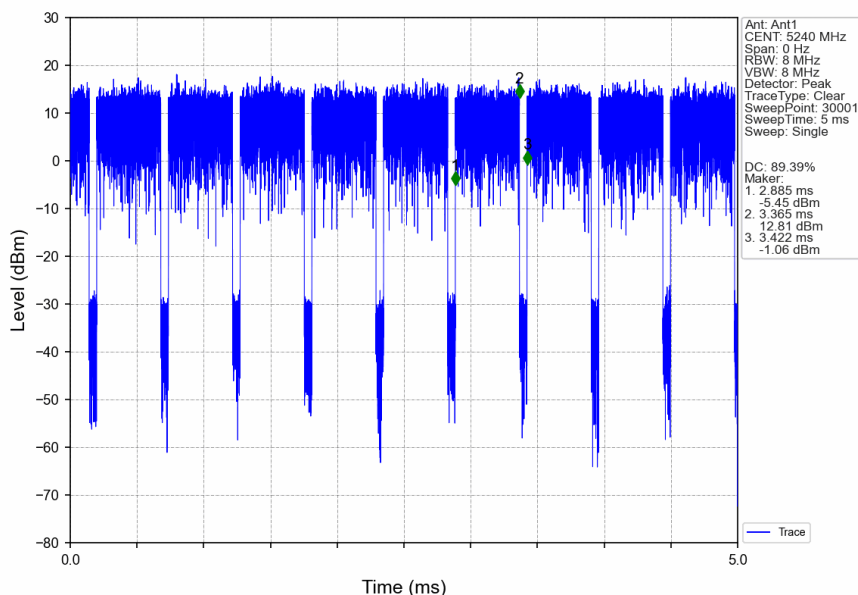
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



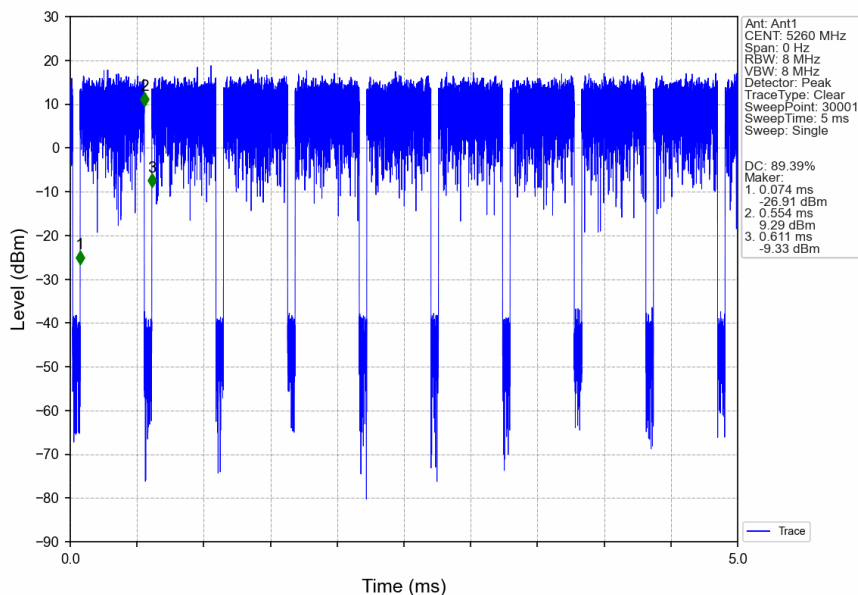
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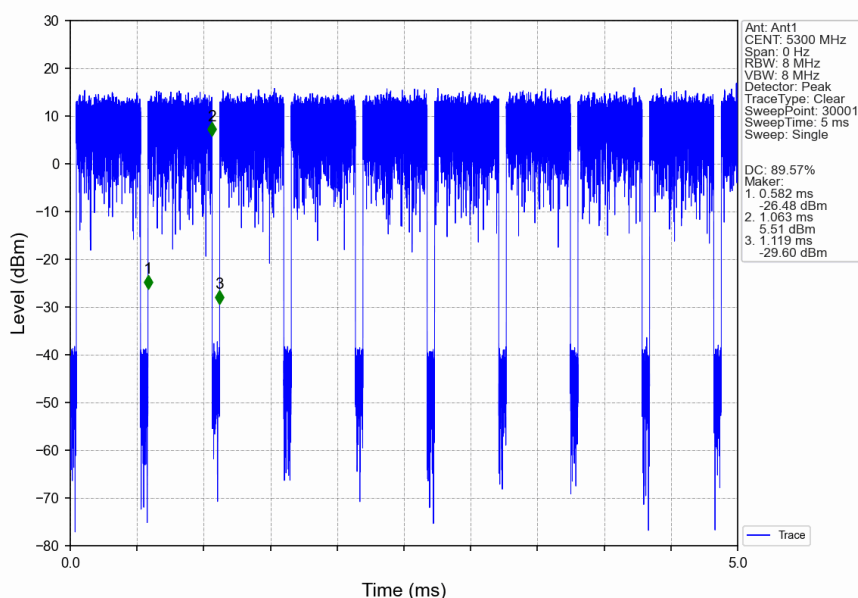
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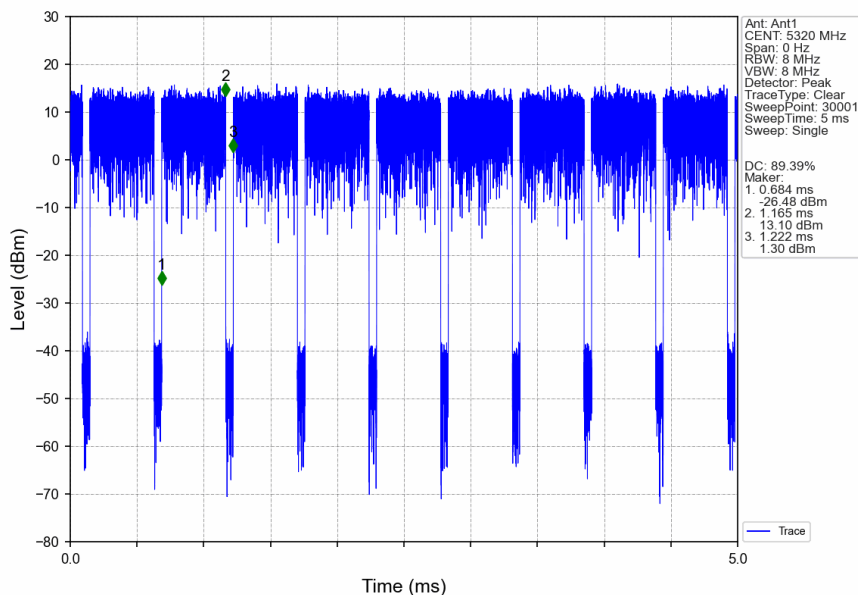
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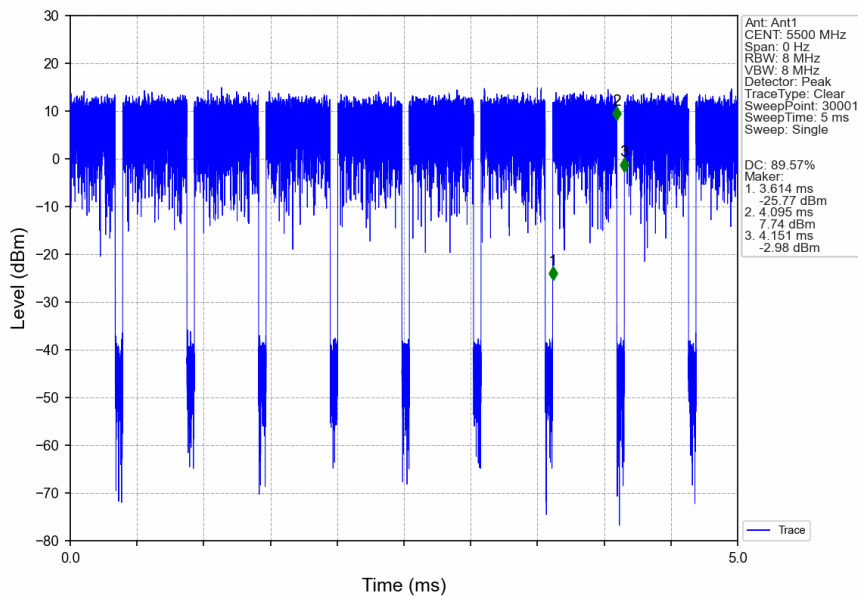
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



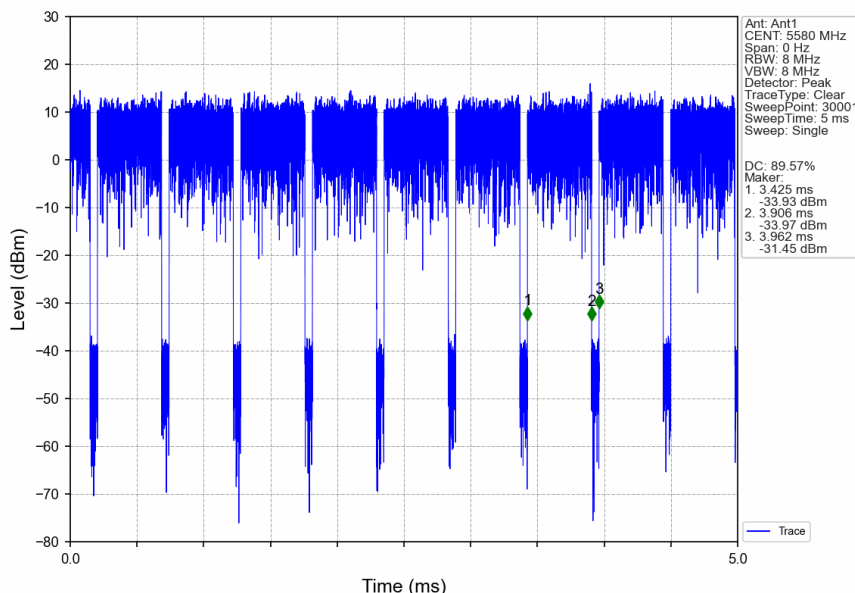
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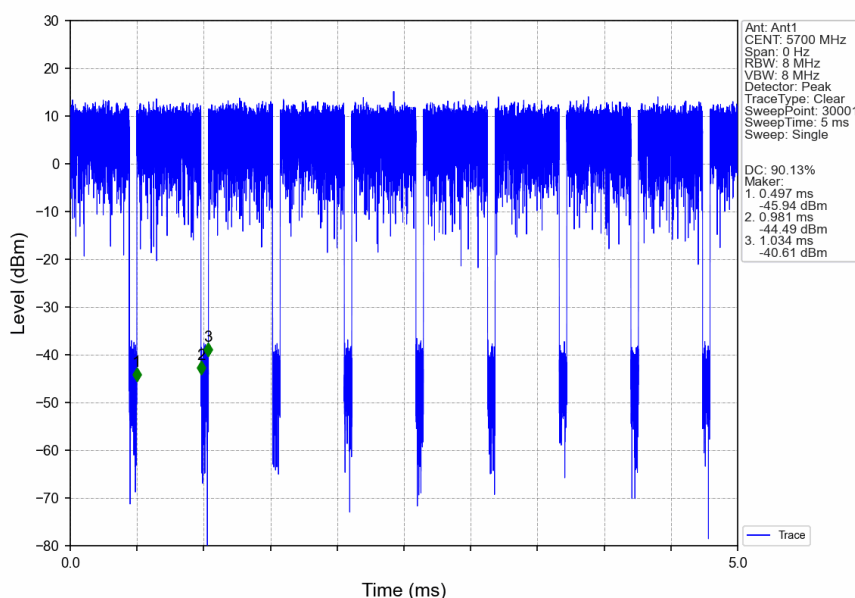
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



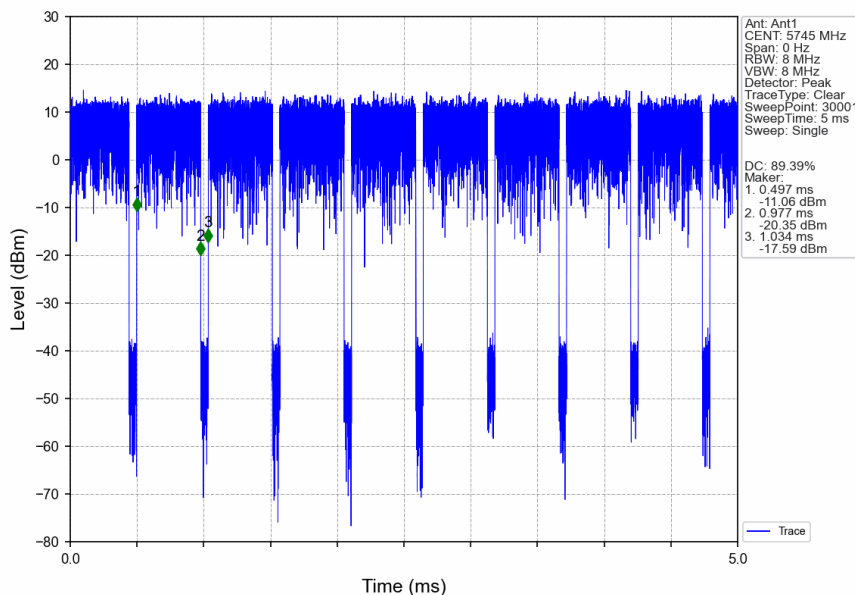
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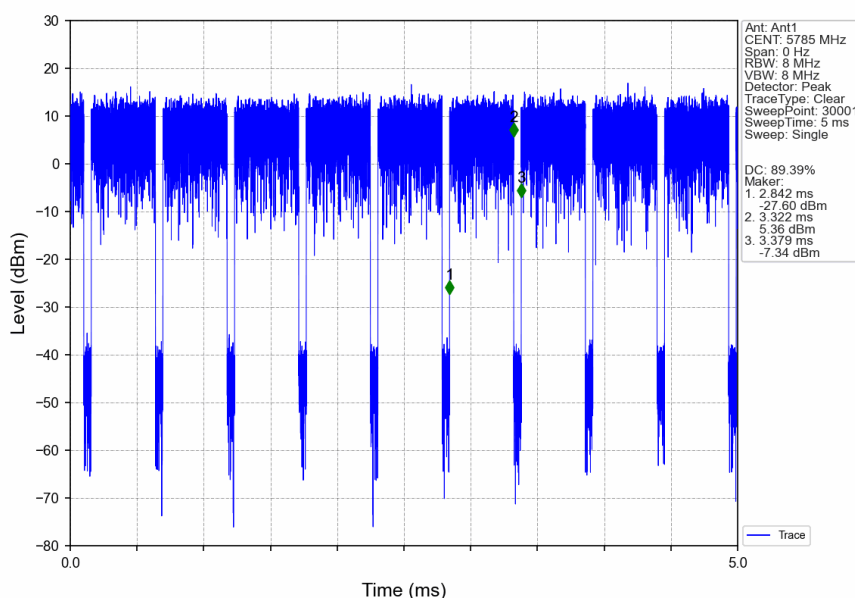
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

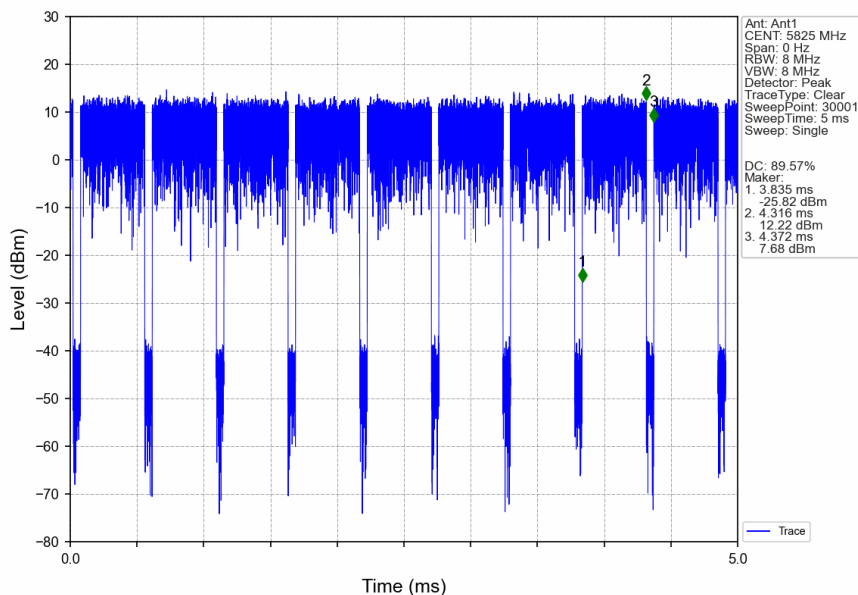


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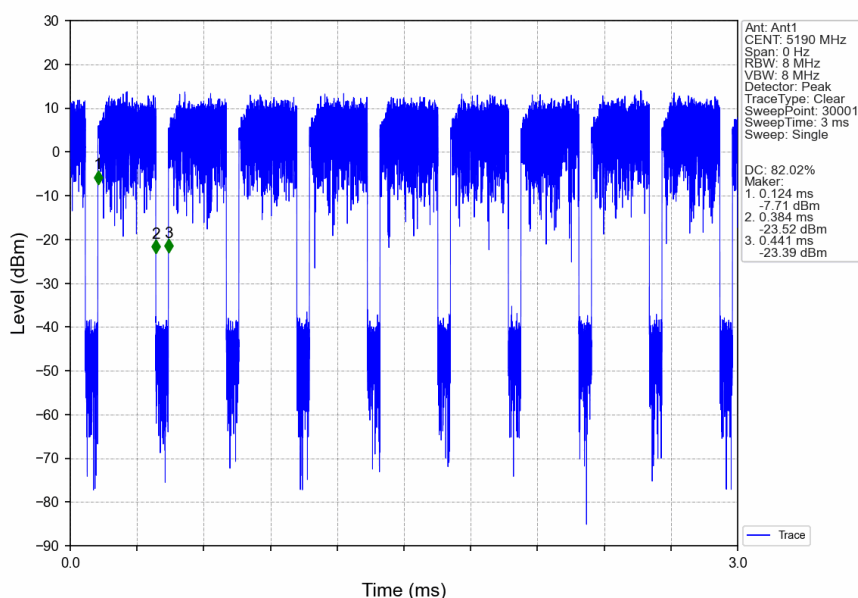
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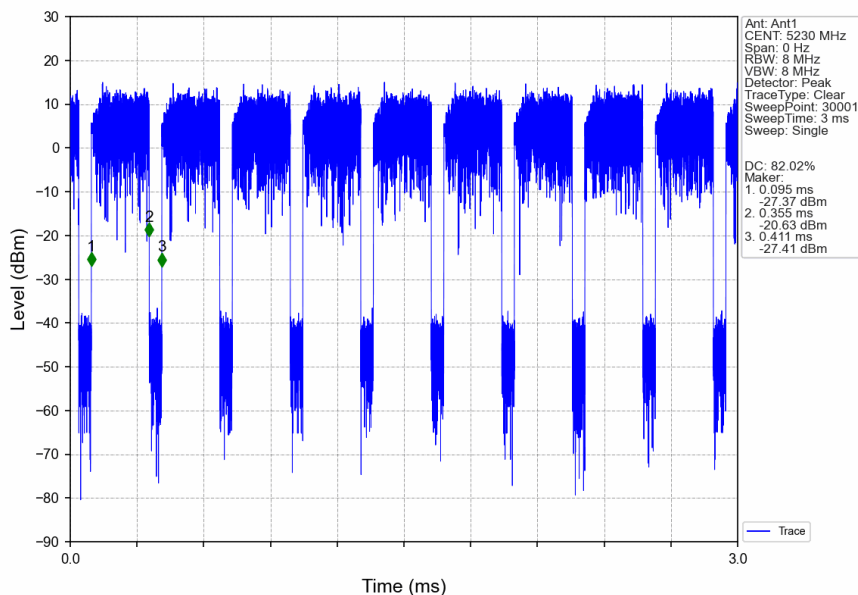
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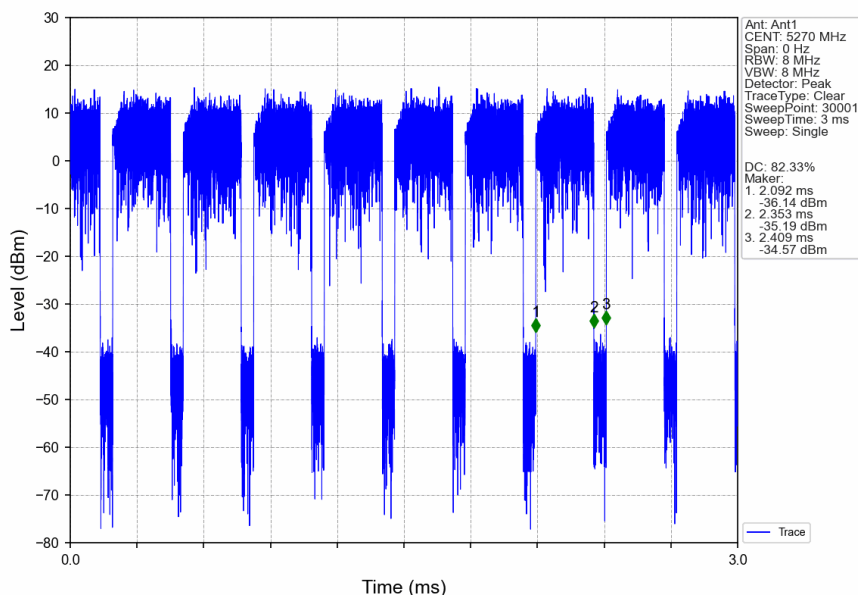
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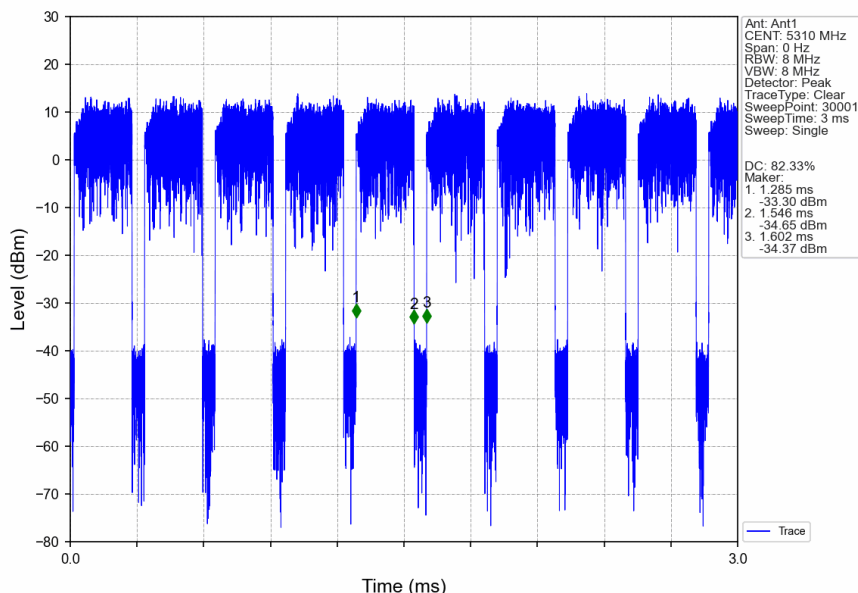
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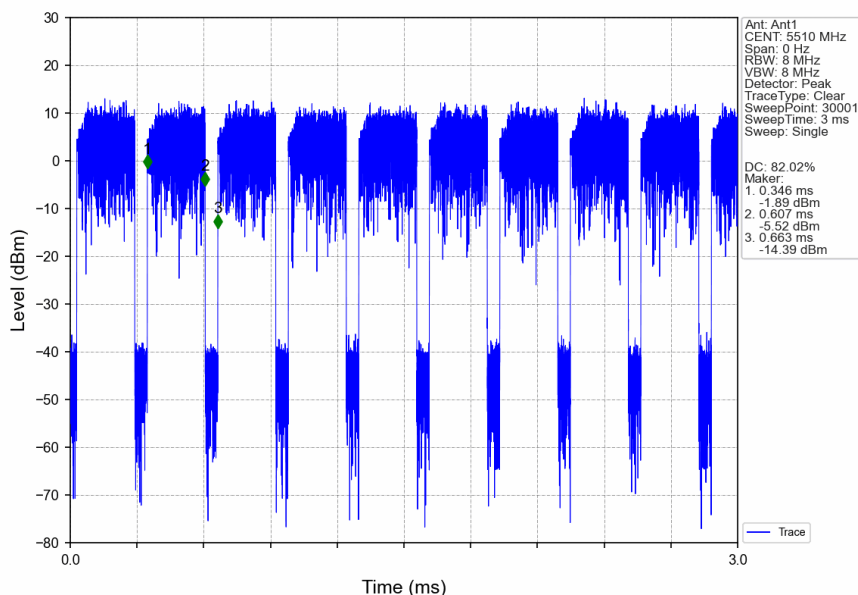
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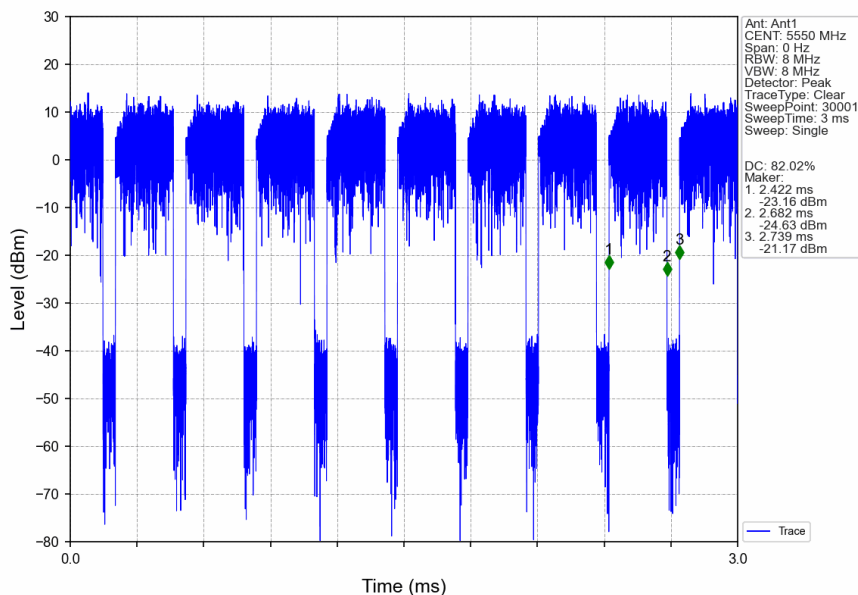
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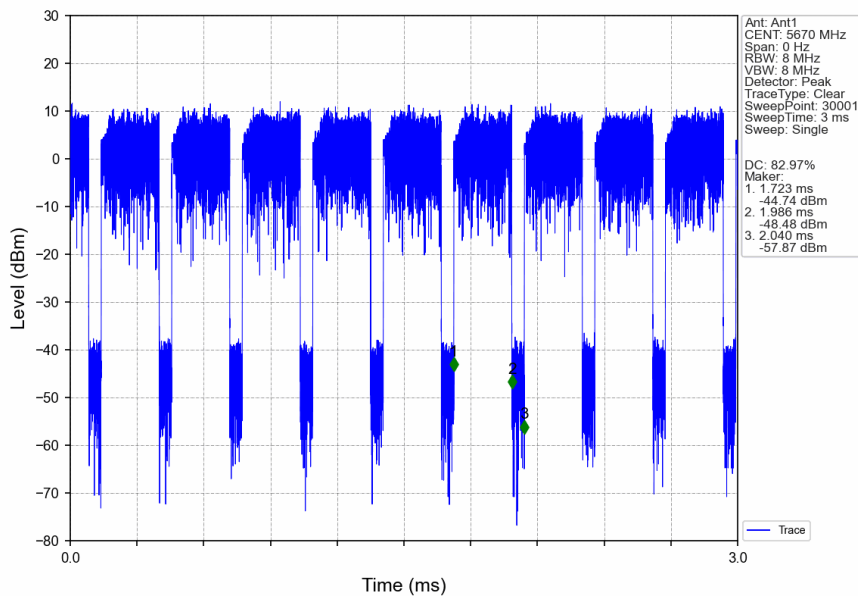
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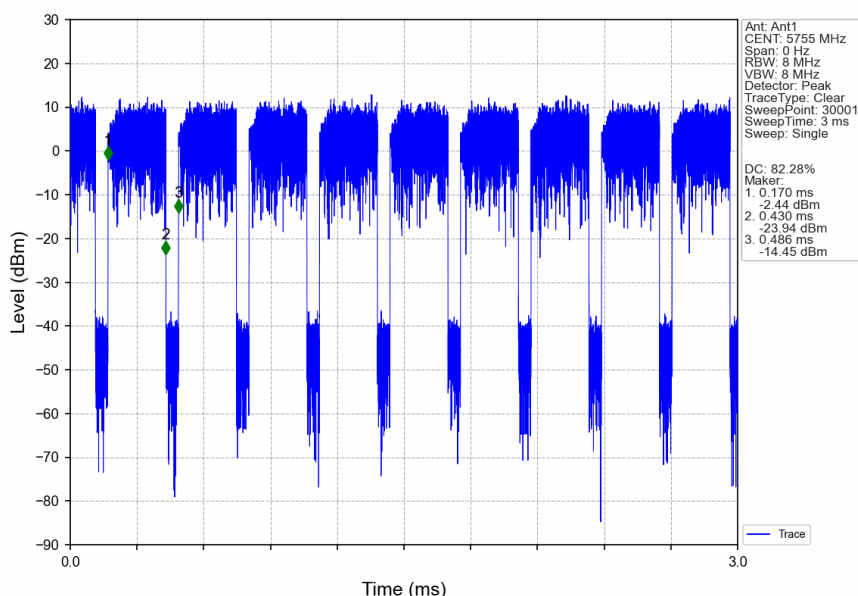
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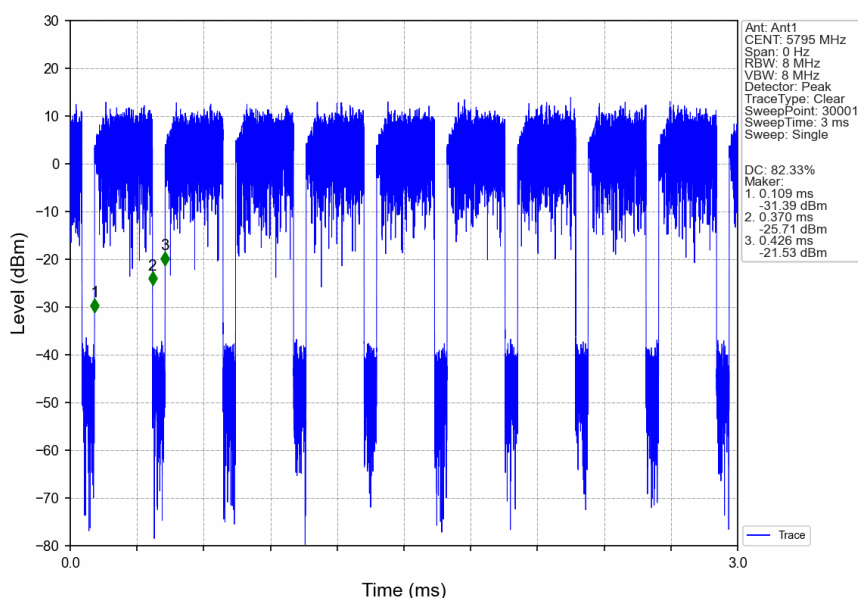
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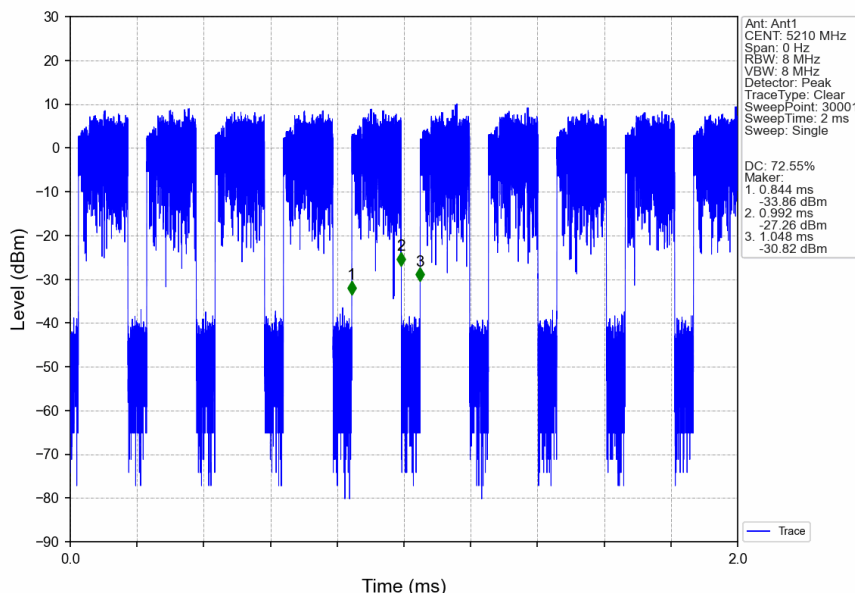
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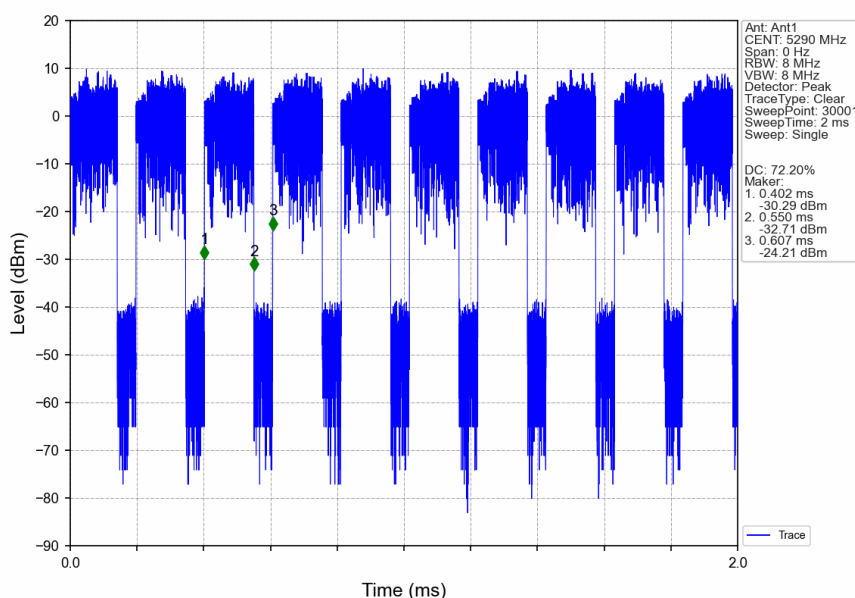
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



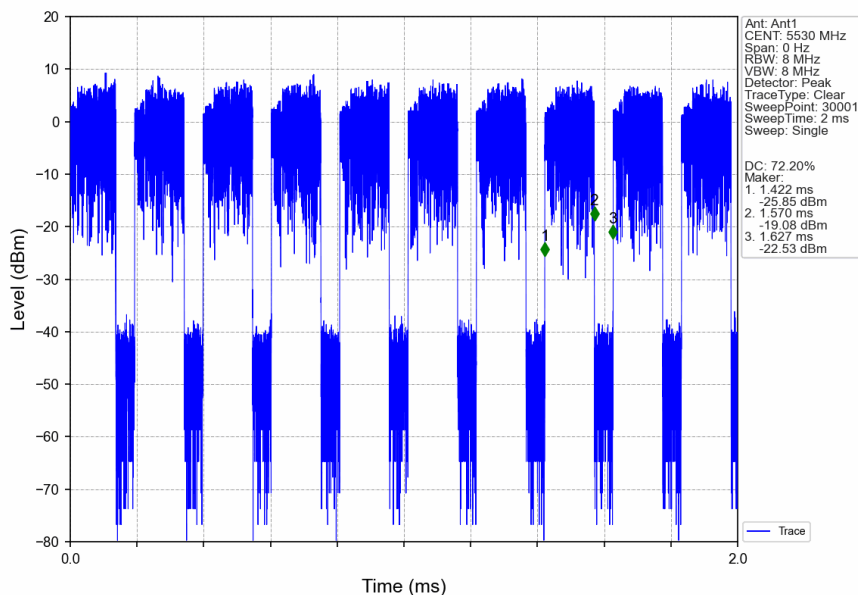
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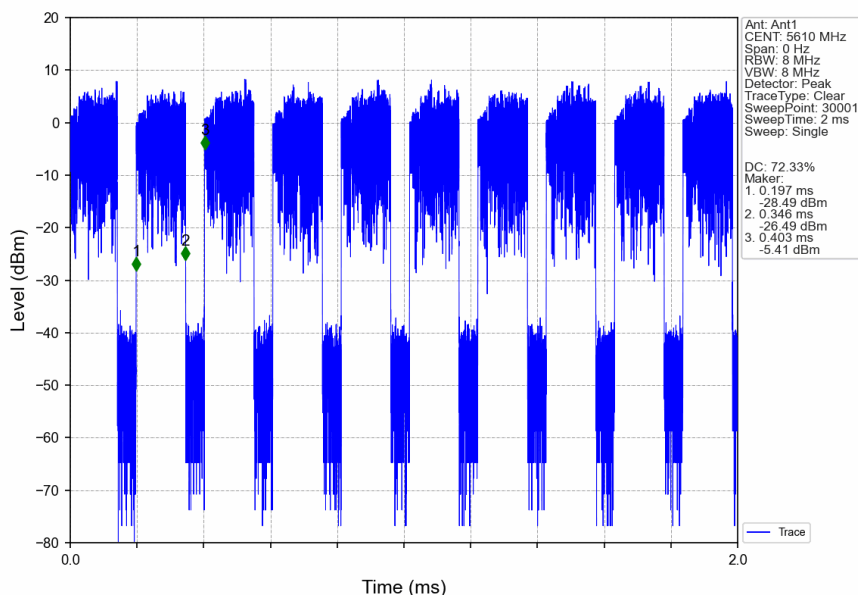
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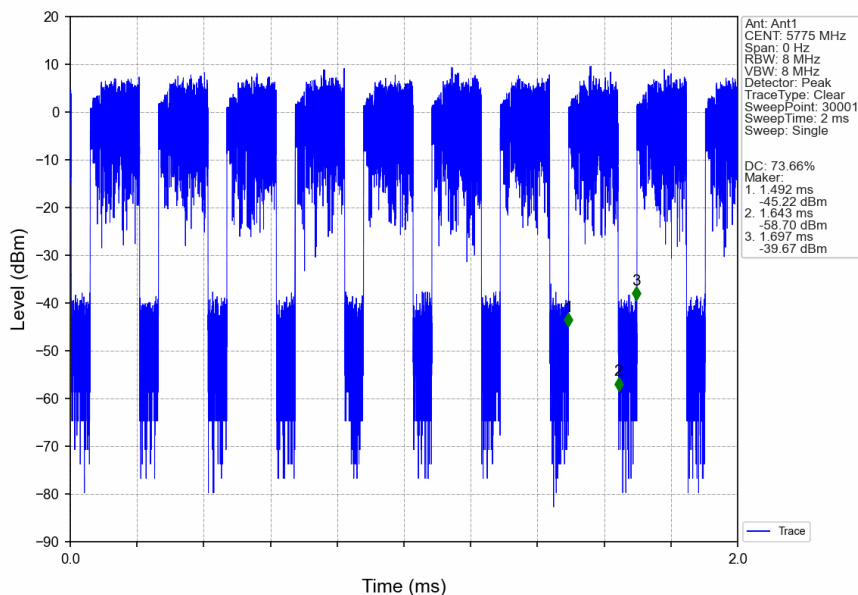
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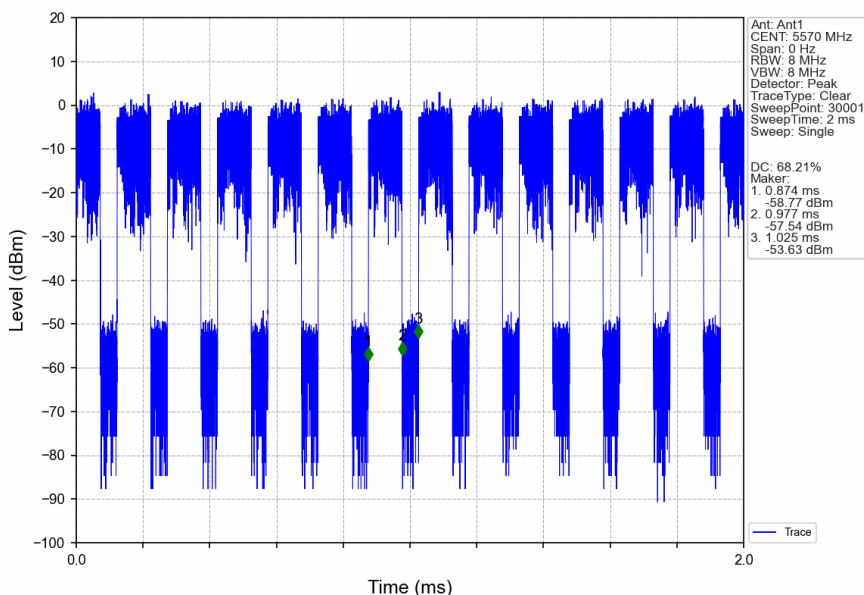
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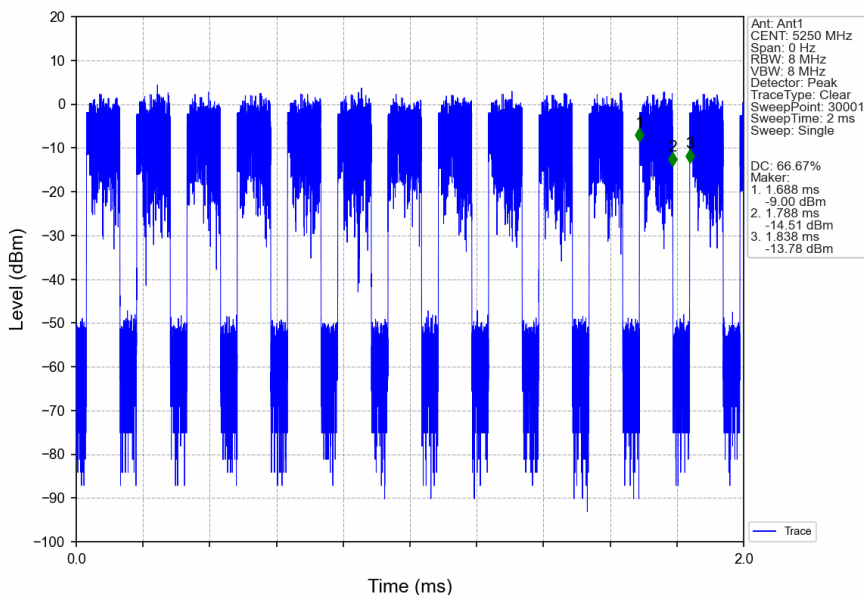


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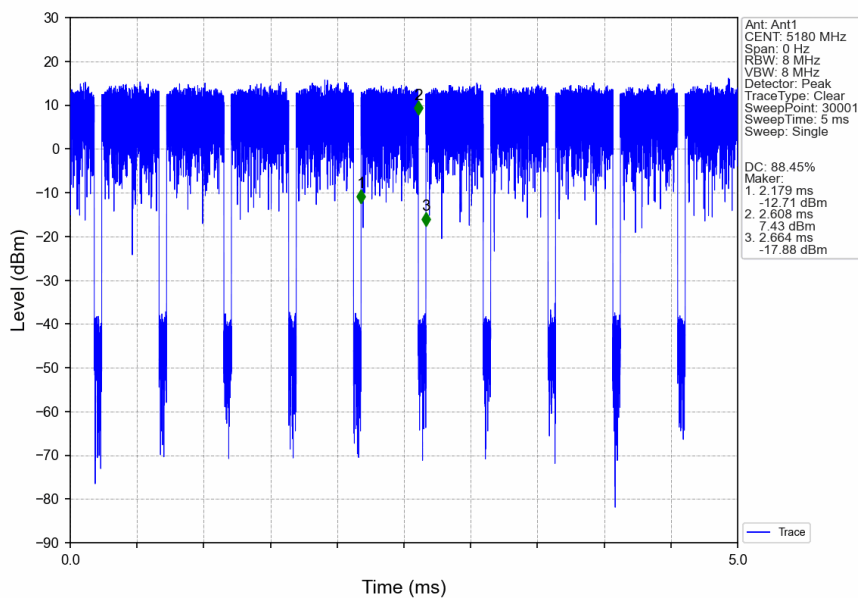
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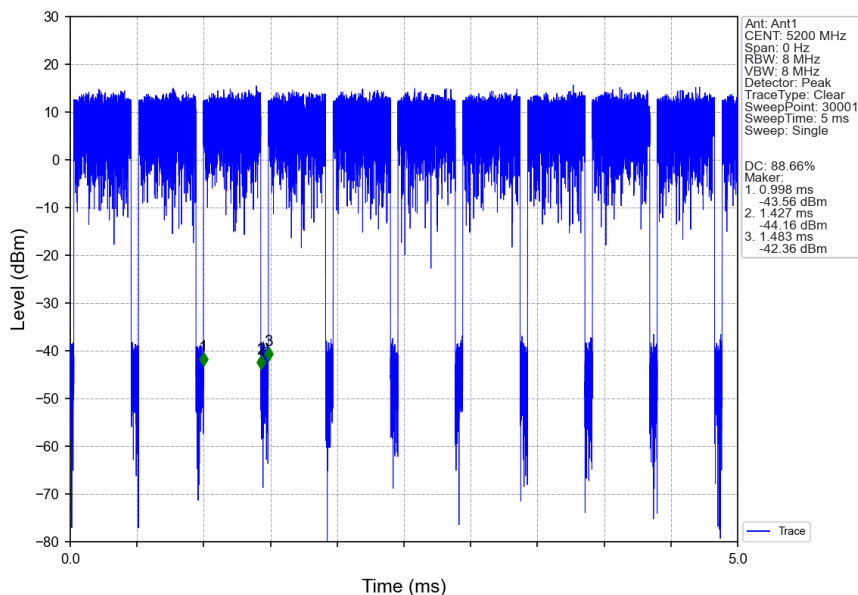
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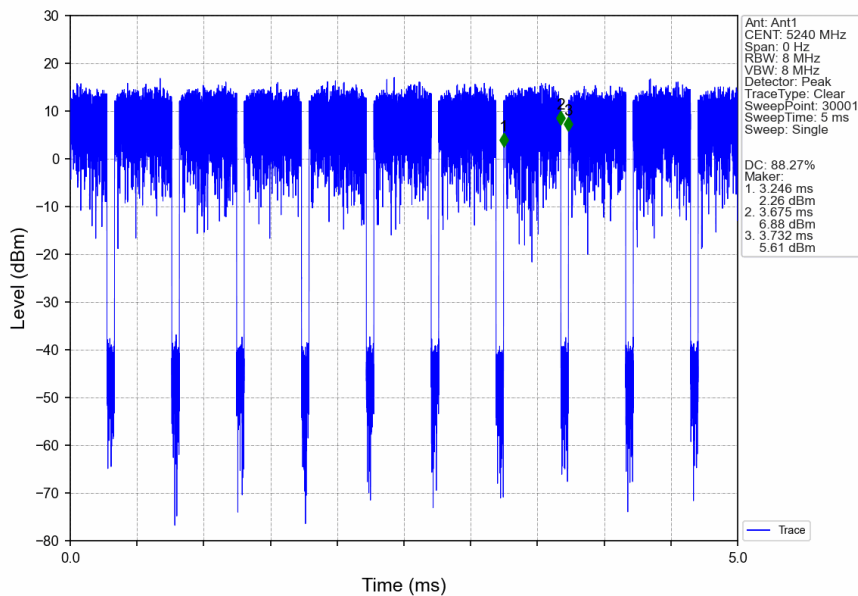
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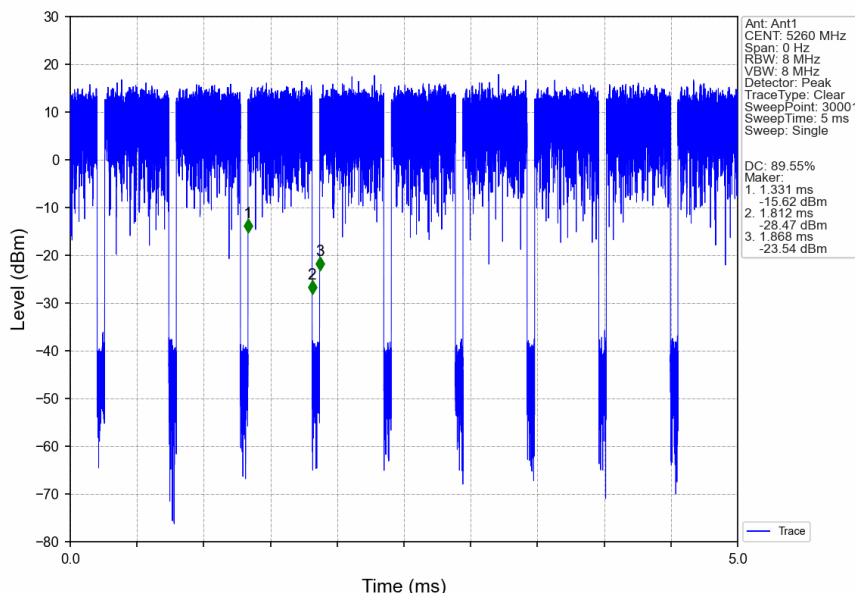
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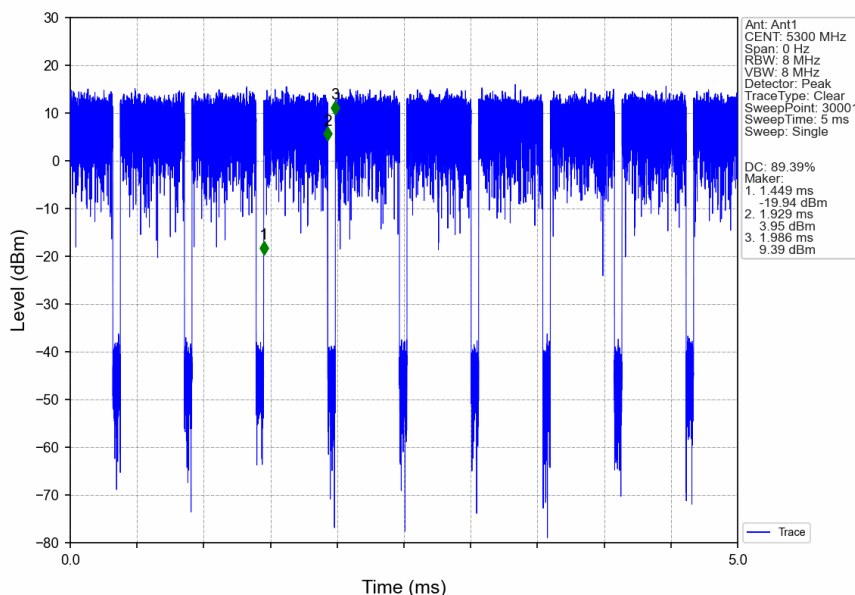
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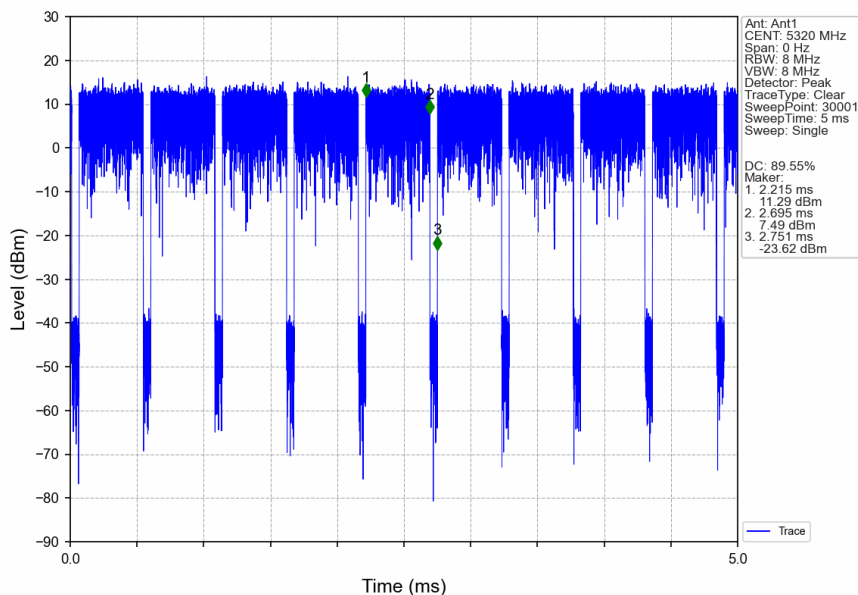
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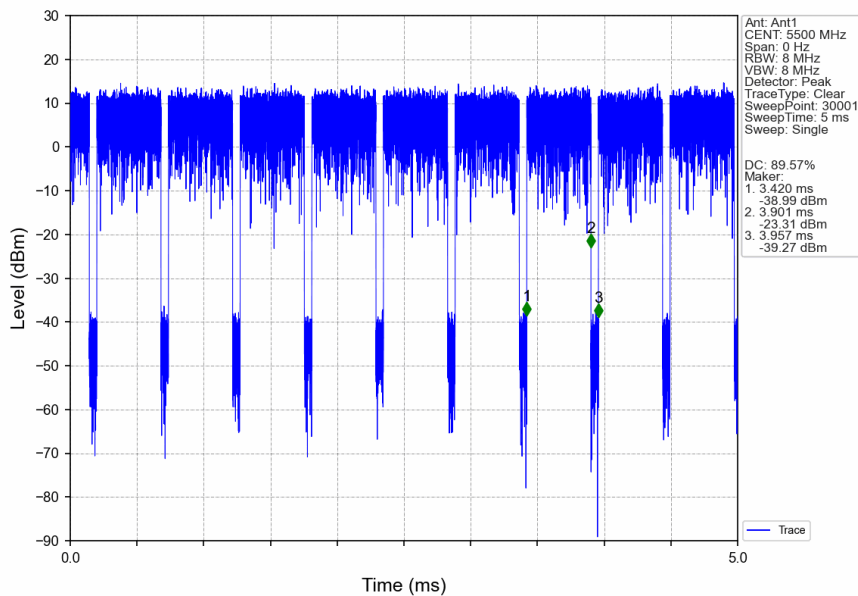
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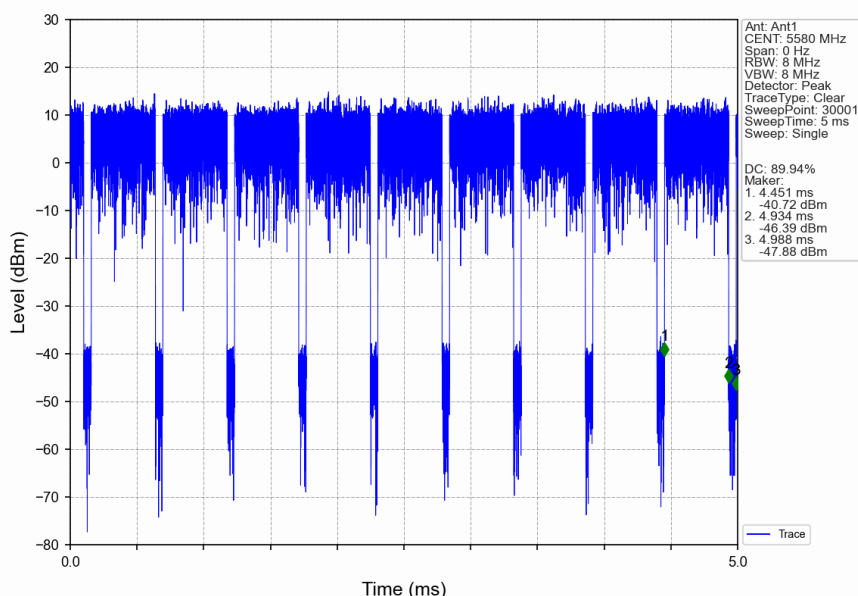
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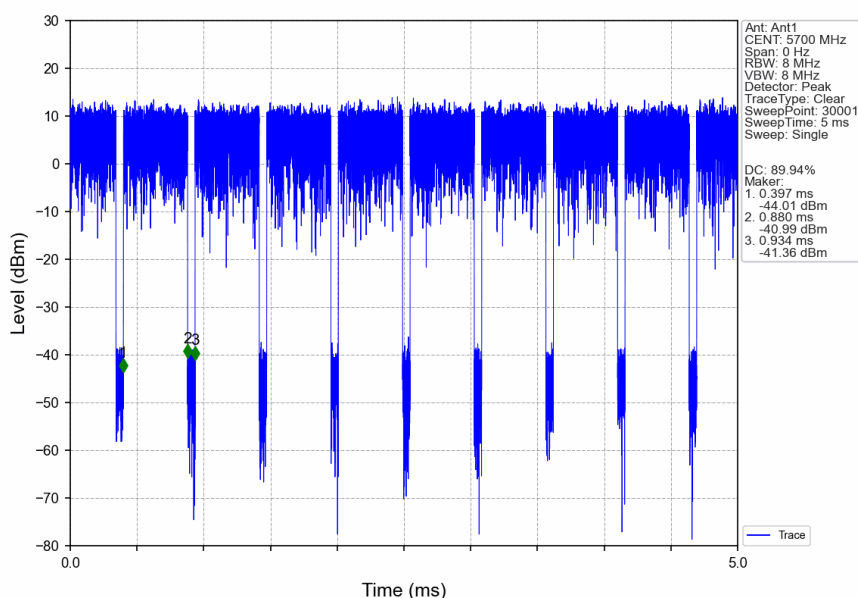
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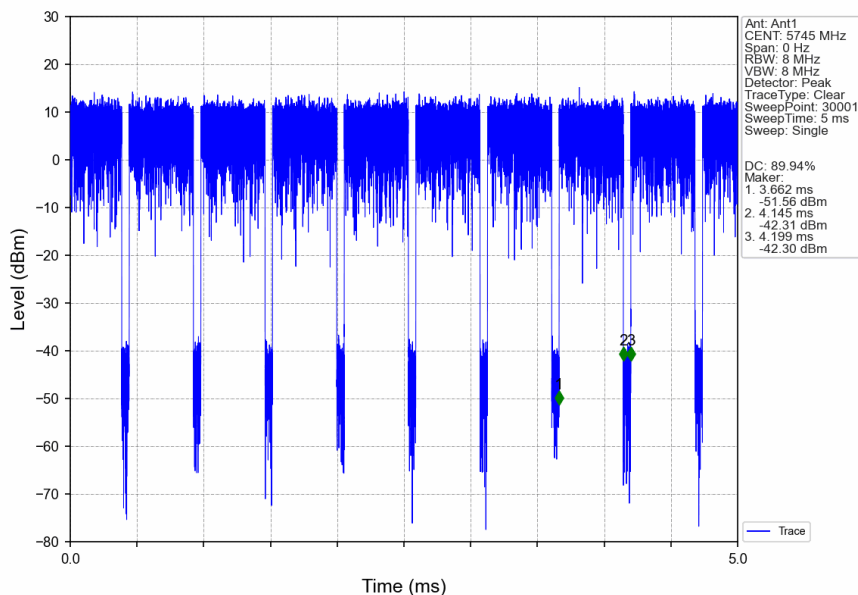
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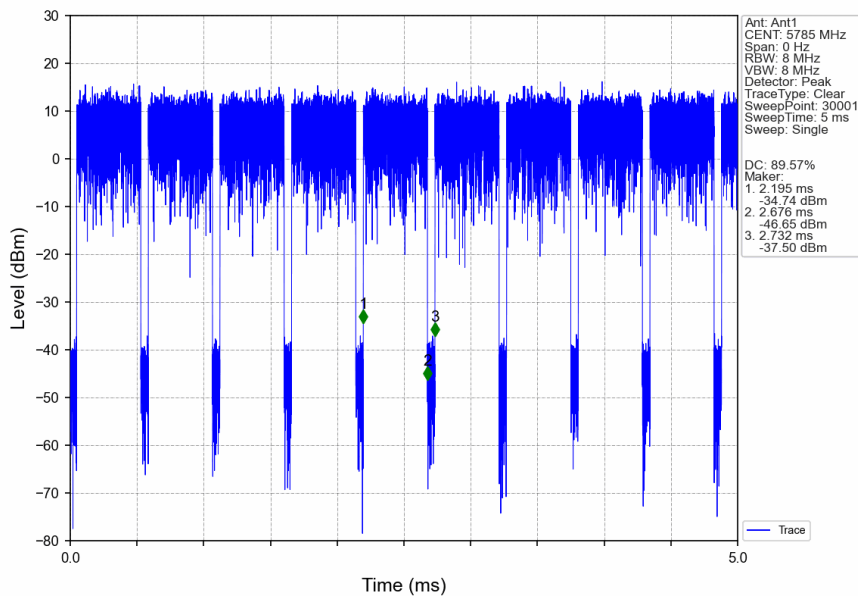
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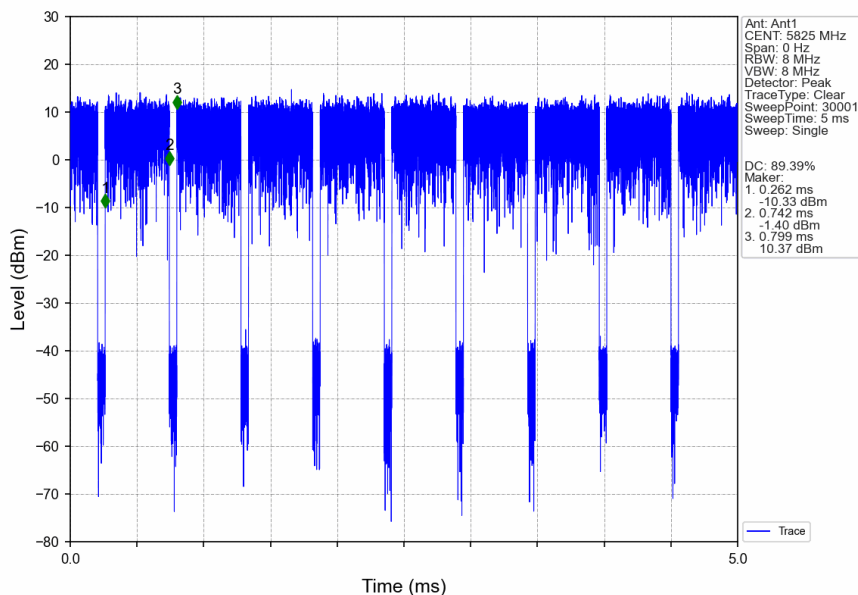
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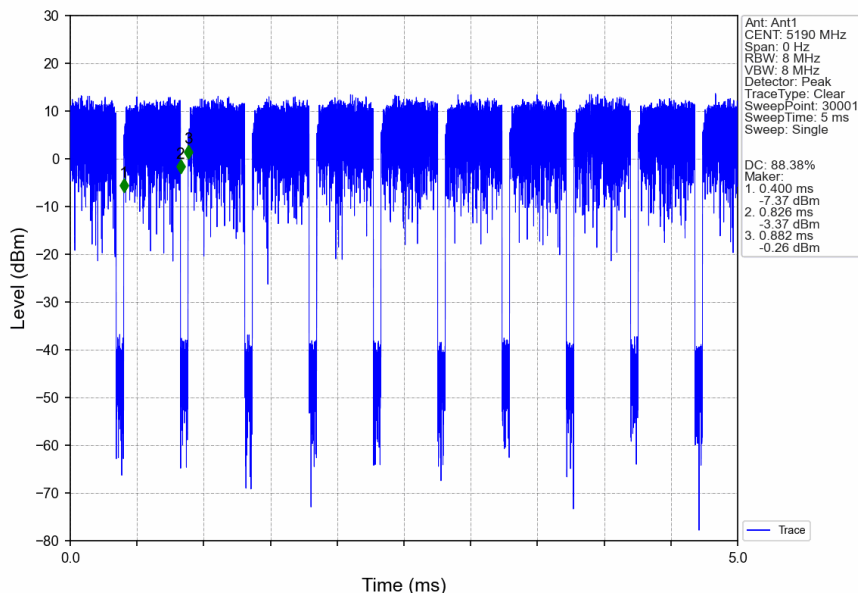
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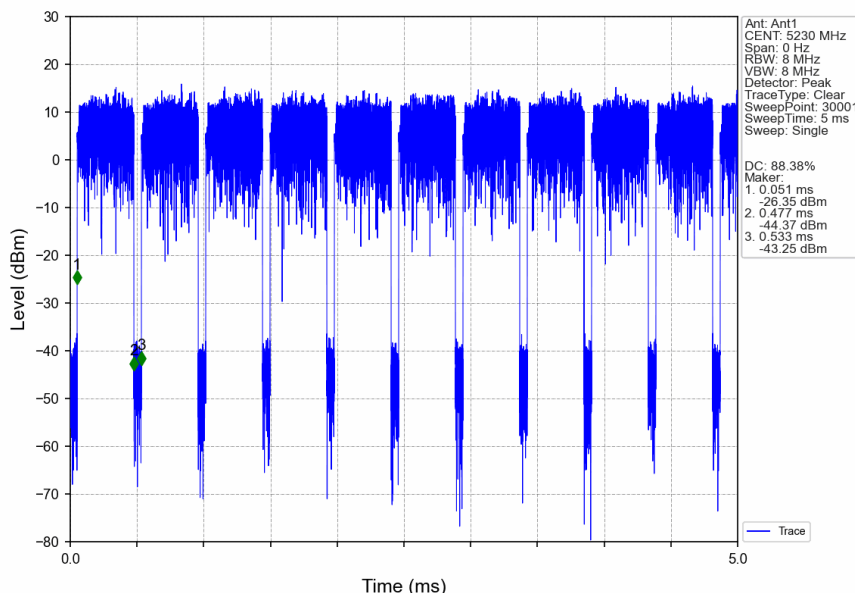
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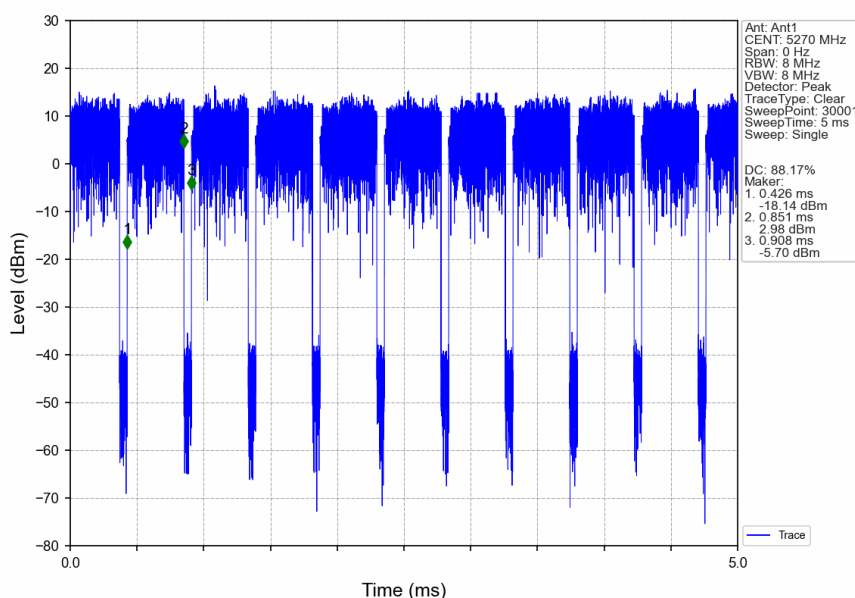
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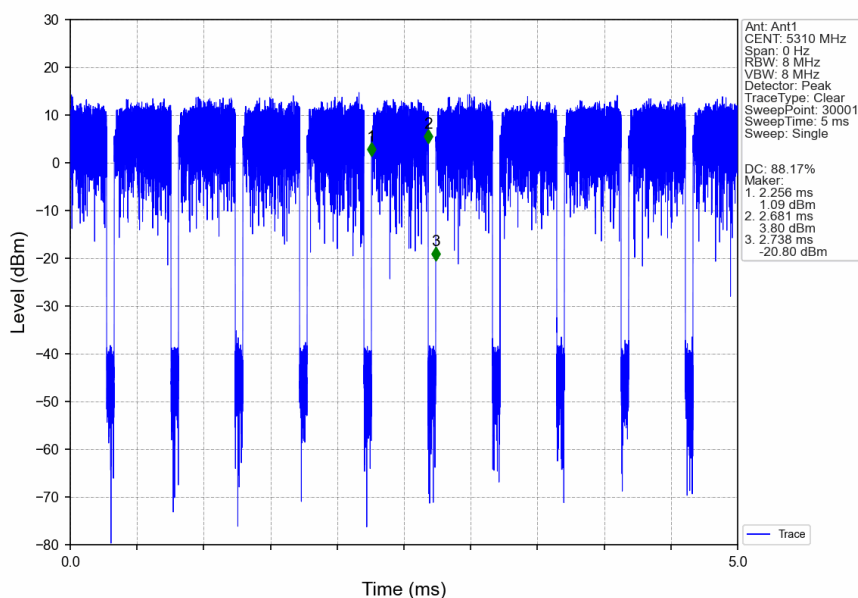
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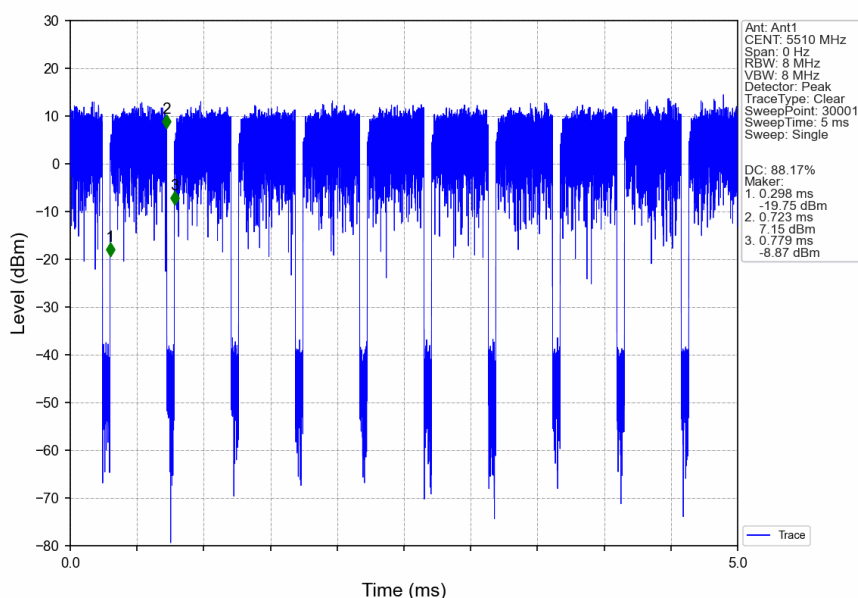
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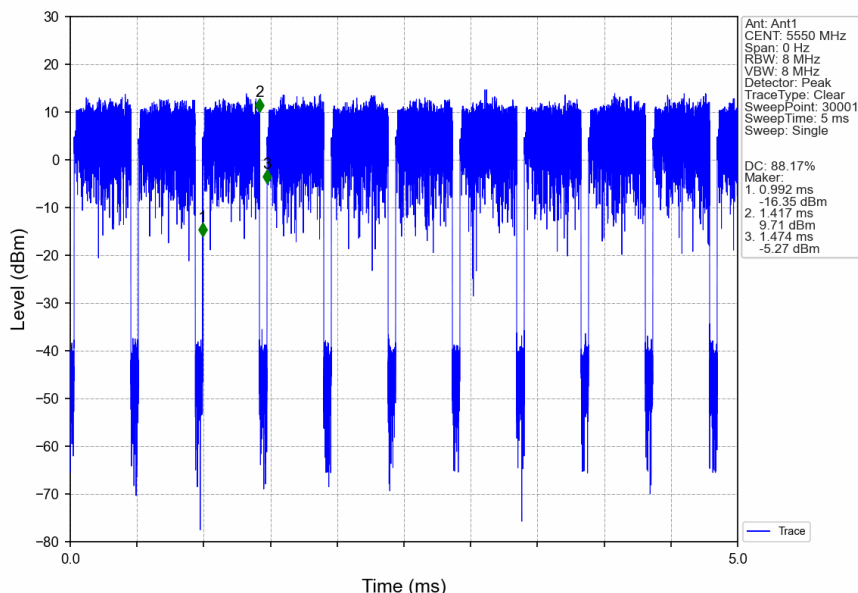
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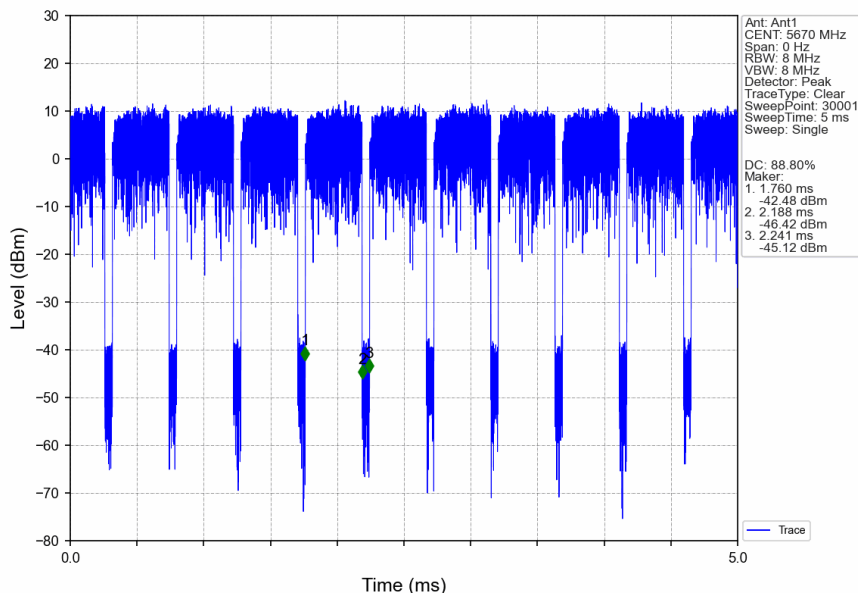
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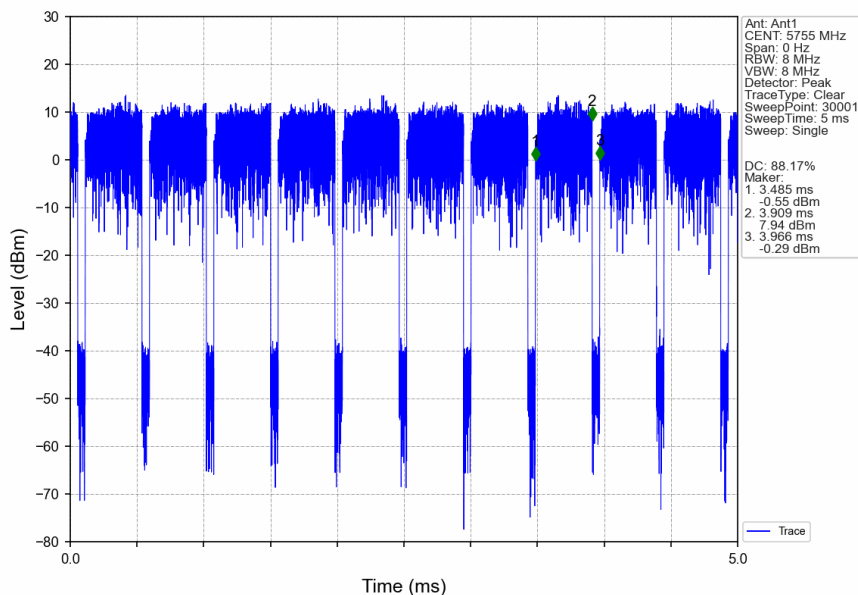
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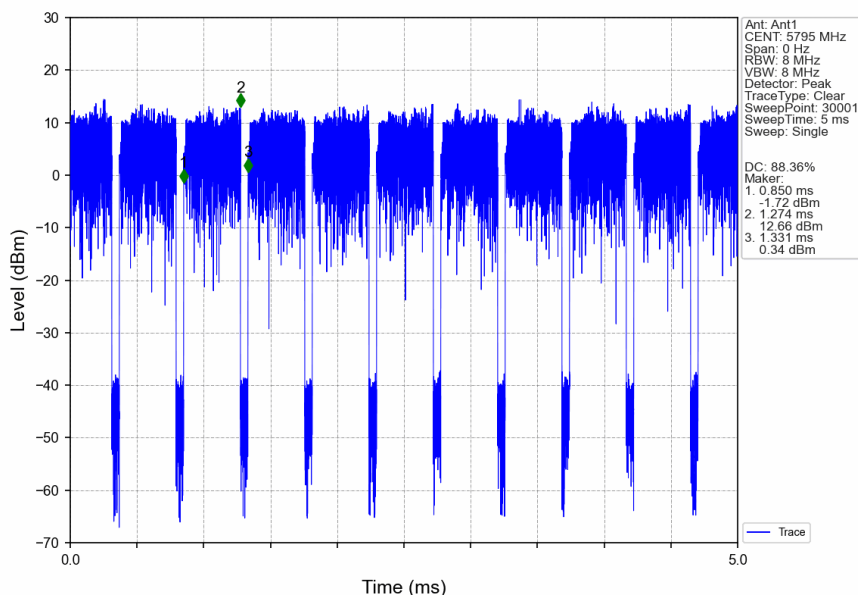
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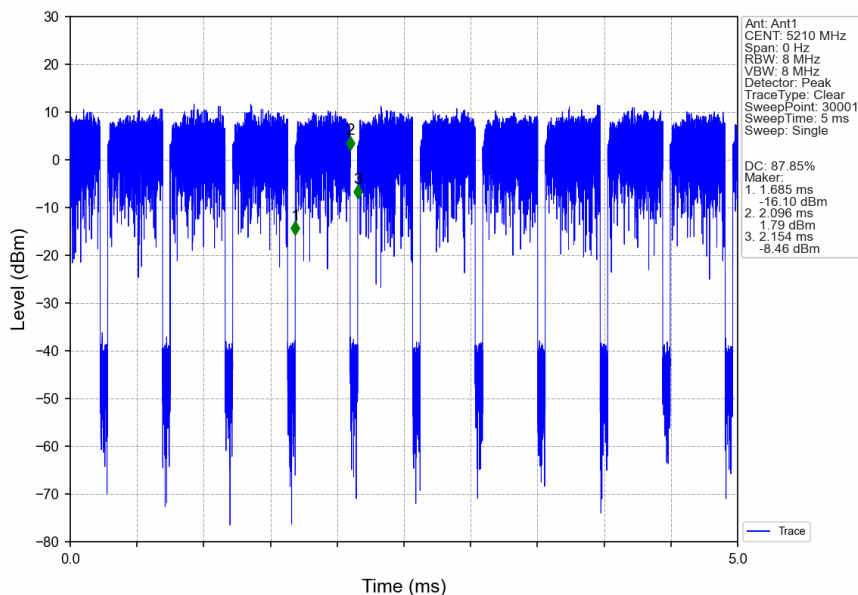
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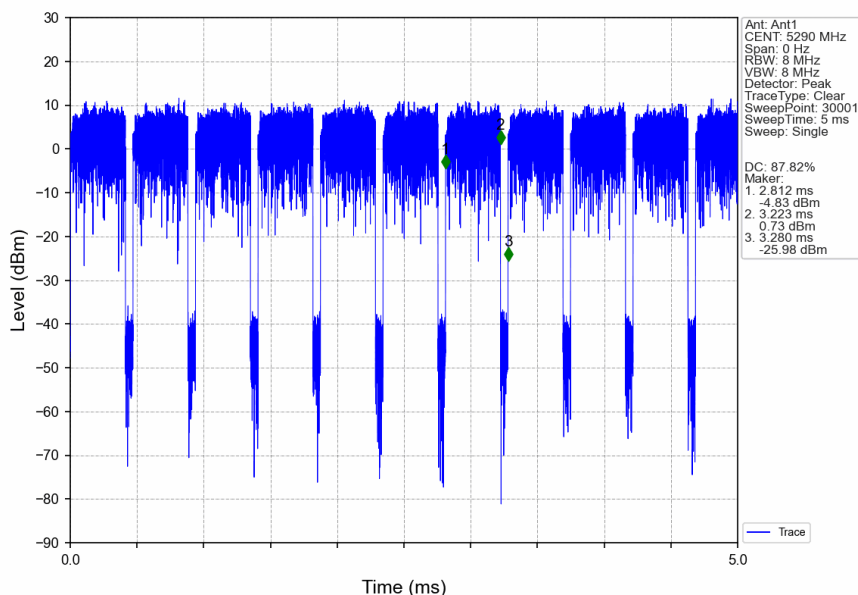
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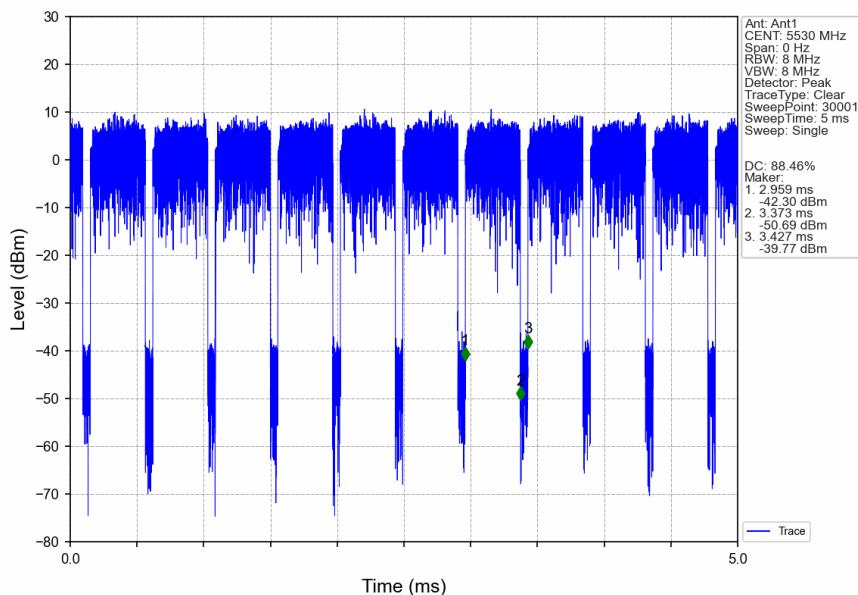
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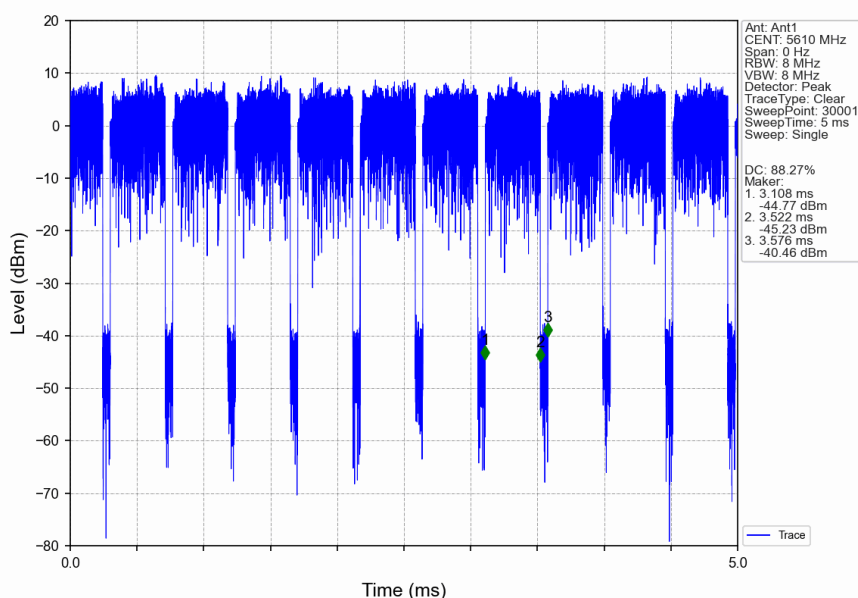
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802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant1_NTNV



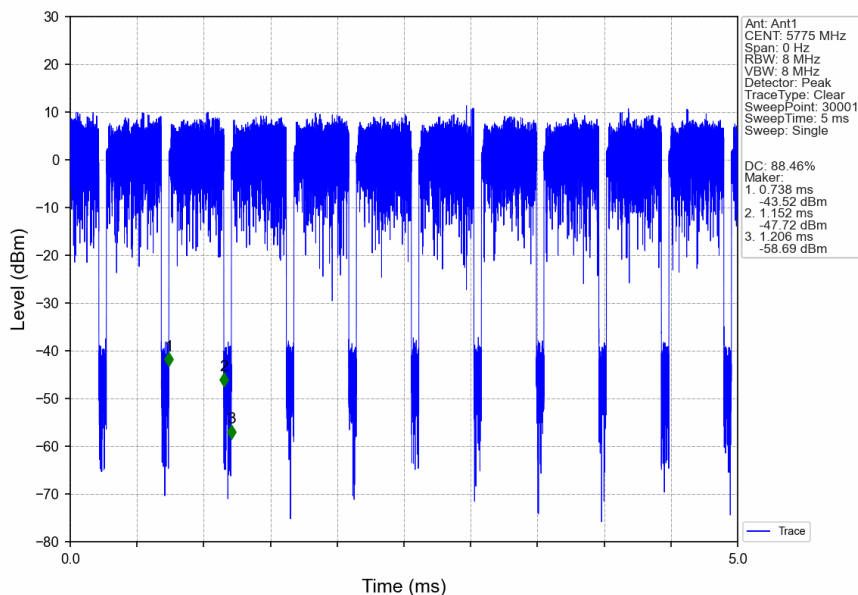
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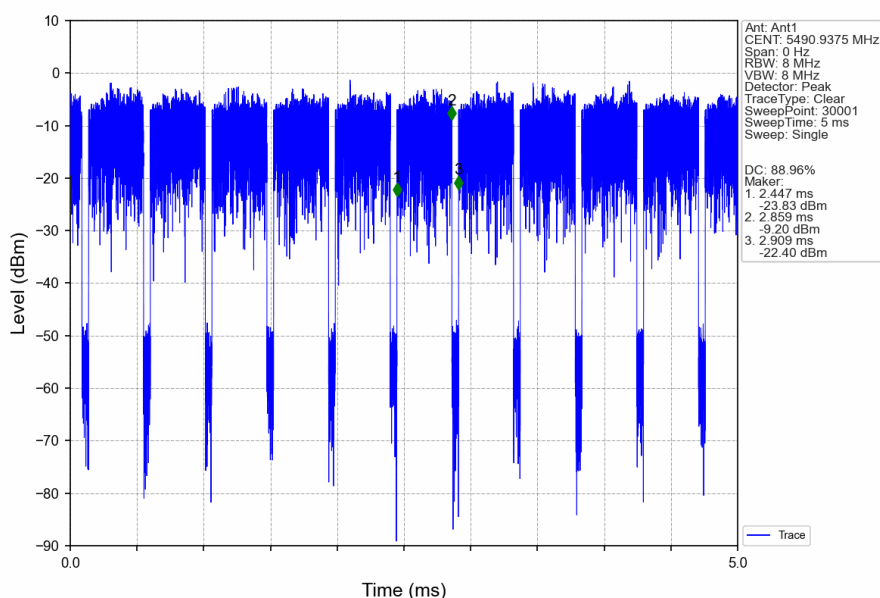
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802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_5570MHz_2xRU996_Left_Ant1_NTNV



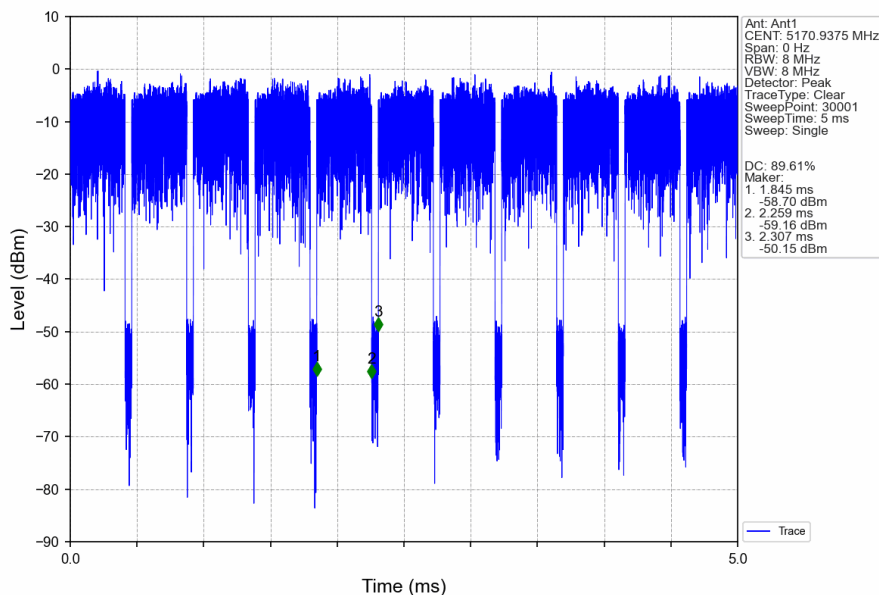
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802.11ax(HEW160)_MCH_5250MHz_2xRU996_Left_Ant1_NTNV



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2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	17.554	/	Pass
		5200	/	/	1	17.537	/	Pass
		5240	/	/	1	17.278	/	Pass
		5260	/	/	1	17.203	/	Pass
		5300	/	/	1	17.648	/	Pass
		5320	/	/	1	17.514	/	Pass
		5500	/	/	1	17.613	/	Pass
		5580	/	/	1	17.206	/	Pass
		5700	/	/	1	17.487	/	Pass
		5745	/	/	1	17.482	/	Pass
		5785	/	/	1	17.273	/	Pass
		5825	/	/	1	17.521	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.409	/	Pass
		5200	/	/	1	18.436	/	Pass
		5240	/	/	1	18.031	/	Pass
		5260	/	/	1	18.127	/	Pass
		5300	/	/	1	18.470	/	Pass
		5320	/	/	1	18.355	/	Pass
		5500	/	/	1	18.326	/	Pass
		5580	/	/	1	18.080	/	Pass
		5700	/	/	1	18.318	/	Pass
		5745	/	/	1	18.293	/	Pass
		5785	/	/	1	18.121	/	Pass
		5825	/	/	1	18.275	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.710	/	Pass
		5230	/	/	1	36.292	/	Pass
		5270	/	/	1	36.352	/	Pass
		5310	/	/	1	36.640	/	Pass
		5510	/	/	1	36.756	/	Pass
		5550	/	/	1	36.312	/	Pass



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		5670	/	/	1	36.745	/	Pass
		5755	/	/	1	36.523	/	Pass
		5795	/	/	1	36.257	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.444	/	Pass
		5200	/	/	1	18.390	/	Pass
		5240	/	/	1	18.114	/	Pass
		5260	/	/	1	18.170	/	Pass
		5300	/	/	1	18.493	/	Pass
		5320	/	/	1	18.411	/	Pass
		5500	/	/	1	18.466	/	Pass
		5580	/	/	1	18.140	/	Pass
		5700	/	/	1	18.375	/	Pass
		5745	/	/	1	18.296	/	Pass
		5785	/	/	1	18.137	/	Pass
		5825	/	/	1	18.473	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.855	/	Pass
		5230	/	/	1	36.586	/	Pass
		5270	/	/	1	36.614	/	Pass
		5310	/	/	1	36.767	/	Pass
		5510	/	/	1	36.843	/	Pass
		5550	/	/	1	36.548	/	Pass
		5670	/	/	1	36.893	/	Pass
		5755	/	/	1	36.794	/	Pass
		5795	/	/	1	36.534	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	76.229	/	Pass
		5290	/	/	1	76.109	/	Pass
		5530	/	/	1	76.082	/	Pass
		5610	/	/	1	75.548	/	Pass
		5775	/	/	1	75.675	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	153.756	/	Pass
		5250	/	/	1	154.105	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	19.367	/	Pass
		5200	RU242	Left	1	19.390	/	Pass
		5240	RU242	Left	1	19.056	/	Pass
		5260	RU242	Left	1	18.151	/	Pass
		5300	RU242	Left	1	18.547	/	Pass
		5320	RU242	Left	1	18.349	/	Pass
		5500	RU242	Left	1	18.513	/	Pass
		5580	RU242	Left	1	18.134	/	Pass
		5700	RU242	Left	1	18.321	/	Pass



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		5745	RU242	Left	1	18.422	/	Pass
		5785	RU242	Left	1	18.137	/	Pass
		5825	RU242	Left	1	18.505	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	38.014	/	Pass
		5230	RU484	Left	1	37.618	/	Pass
		5270	RU484	Left	1	37.671	/	Pass
		5310	RU484	Left	1	37.978	/	Pass
		5510	RU484	Left	1	37.952	/	Pass
		5550	RU484	Left	1	37.708	/	Pass
		5670	RU484	Left	1	38.169	/	Pass
		5755	RU484	Left	1	37.943	/	Pass
		5795	RU484	Left	1	37.675	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	77.790	/	Pass
		5290	RU996	Left	1	77.654	/	Pass
		5530	RU996	Left	1	77.829	/	Pass
		5610	RU996	Left	1	77.097	/	Pass
		5775	RU996	Left	1	76.989	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	155.802	/	Pass
		5250	2xRU996	Left	1	155.740	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	28.064	/	Pass
		5200	/	/	1	28.276	/	Pass
		5240	/	/	1	20.544	/	Pass
		5260	/	/	1	21.017	/	Pass
		5300	/	/	1	30.348	/	Pass
		5320	/	/	1	26.384	/	Pass
		5500	/	/	1	26.179	/	Pass
		5580	/	/	1	21.078	/	Pass
		5700	/	/	1	25.635	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	27.521	/	Pass
		5200	/	/	1	27.782	/	Pass
		5240	/	/	1	20.477	/	Pass
		5260	/	/	1	21.432	/	Pass
		5300	/	/	1	28.643	/	Pass
		5320	/	/	1	24.971	/	Pass
		5500	/	/	1	28.352	/	Pass



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		5580	/	/	1	21.394	/	Pass
		5700	/	/	1	26.446	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	50.384	/	Pass
		5230	/	/	1	40.633	/	Pass
		5270	/	/	1	40.853	/	Pass
		5310	/	/	1	42.413	/	Pass
		5510	/	/	1	47.834	/	Pass
		5550	/	/	1	40.904	/	Pass
		5670	/	/	1	50.118	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	27.028	/	Pass
		5200	/	/	1	29.307	/	Pass
		5240	/	/	1	20.490	/	Pass
		5260	/	/	1	21.695	/	Pass
		5300	/	/	1	27.028	/	Pass
		5320	/	/	1	26.911	/	Pass
		5500	/	/	1	29.738	/	Pass
		5580	/	/	1	22.027	/	Pass
		5700	/	/	1	26.301	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	51.547	/	Pass
		5230	/	/	1	40.774	/	Pass
		5270	/	/	1	40.848	/	Pass
		5310	/	/	1	54.639	/	Pass
		5510	/	/	1	54.635	/	Pass
		5550	/	/	1	41.136	/	Pass
		5670	/	/	1	56.166	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	97.643	/	Pass
		5290	/	/	1	102.510	/	Pass
		5530	/	/	1	105.669	/	Pass
		5610	/	/	1	80.517	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	168.374	/	Pass
		5250	/	/	1	168.449	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	27.129	/	Pass
		5200	RU242	Left	1	28.418	/	Pass
		5240	RU242	Left	1	20.144	/	Pass
		5260	RU242	Left	1	21.998	/	Pass
		5300	RU242	Left	1	27.763	/	Pass
		5320	RU242	Left	1	26.343	/	Pass
		5500	RU242	Left	1	27.517	/	Pass
		5580	RU242	Left	1	21.652	/	Pass
		5700	RU242	Left	1	27.900	/	Pass



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802.11ax (HEW40)	MIMO	5190	RU484	Left	1	43.134	/	Pass
		5230	RU484	Left	1	39.979	/	Pass
		5270	RU484	Left	1	39.833	/	Pass
		5310	RU484	Left	1	47.559	/	Pass
		5510	RU484	Left	1	48.149	/	Pass
		5550	RU484	Left	1	39.979	/	Pass
		5670	RU484	Left	1	52.036	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	95.967	/	Pass
		5290	RU996	Left	1	81.387	/	Pass
		5530	RU996	Left	1	97.438	/	Pass
		5610	RU996	Left	1	81.360	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	166.632	/	Pass
		5250	2xRU996	Left	1	168.046	/	Pass

2.1.3 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.368	>=0.5	Pass
		5785	/	/	1	16.065	>=0.5	Pass
		5825	/	/	1	16.392	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.593	>=0.5	Pass
		5785	/	/	1	17.623	>=0.5	Pass
		5825	/	/	1	17.649	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	32.638	>=0.5	Pass
		5795	/	/	1	33.886	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	17.603	>=0.5	Pass
		5785	/	/	1	17.623	>=0.5	Pass
		5825	/	/	1	17.560	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.166	>=0.5	Pass
		5795	/	/	1	35.146	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.141	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	17.594	>=0.5	Pass
		5785	RU242	Left	1	17.585	>=0.5	Pass
		5825	RU242	Left	1	17.316	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	37.525	>=0.5	Pass
		5795	RU484	Left	1	35.120	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	75.130	>=0.5	Pass



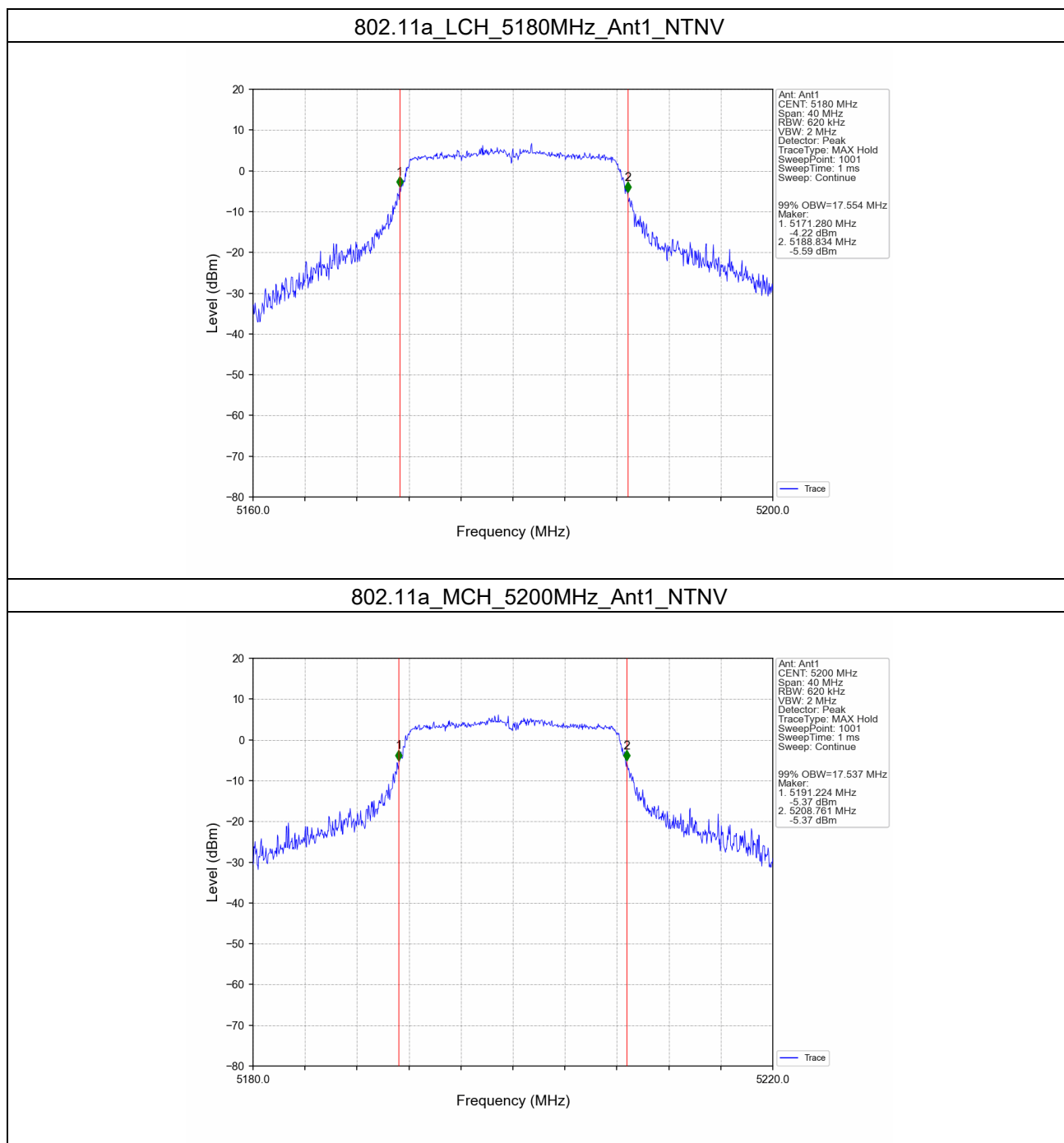
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2.2 Test Graph

2.2.1 OBW



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