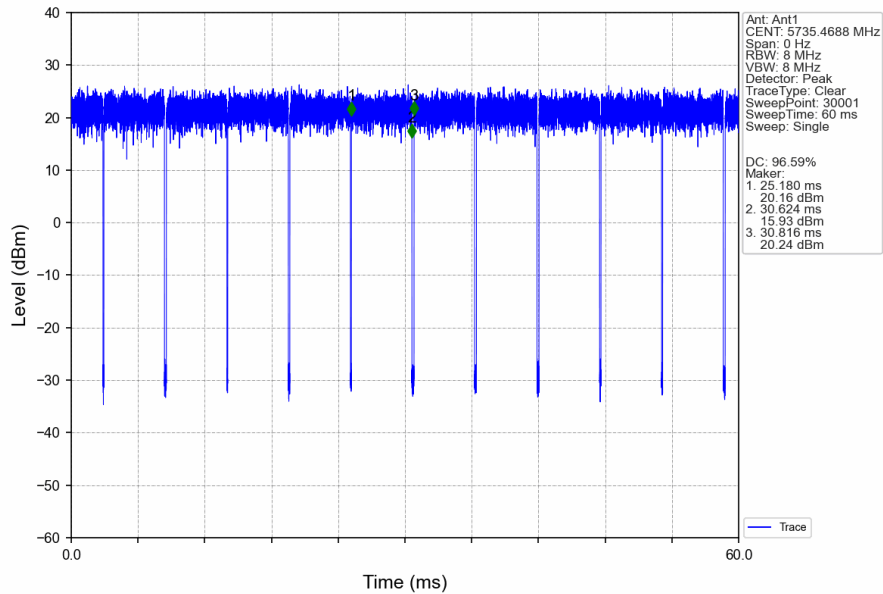
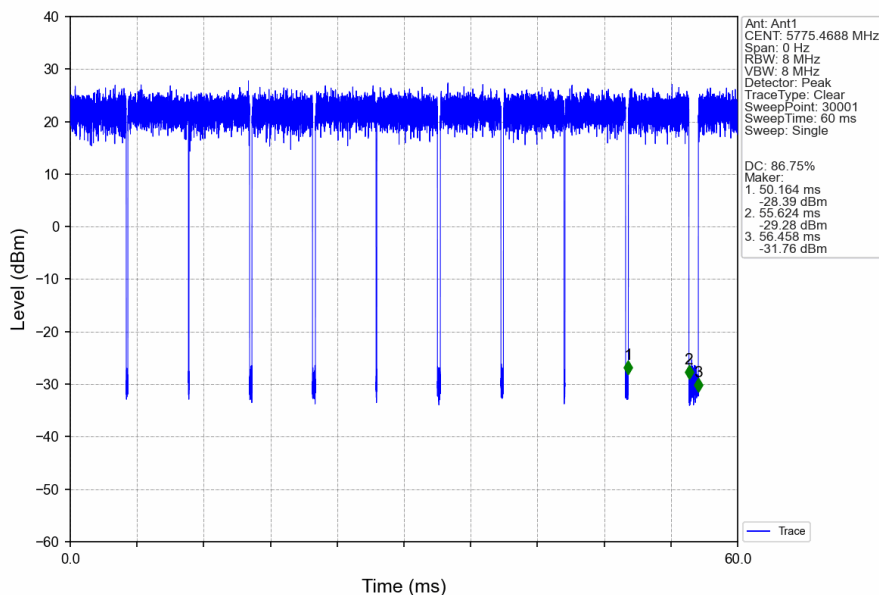


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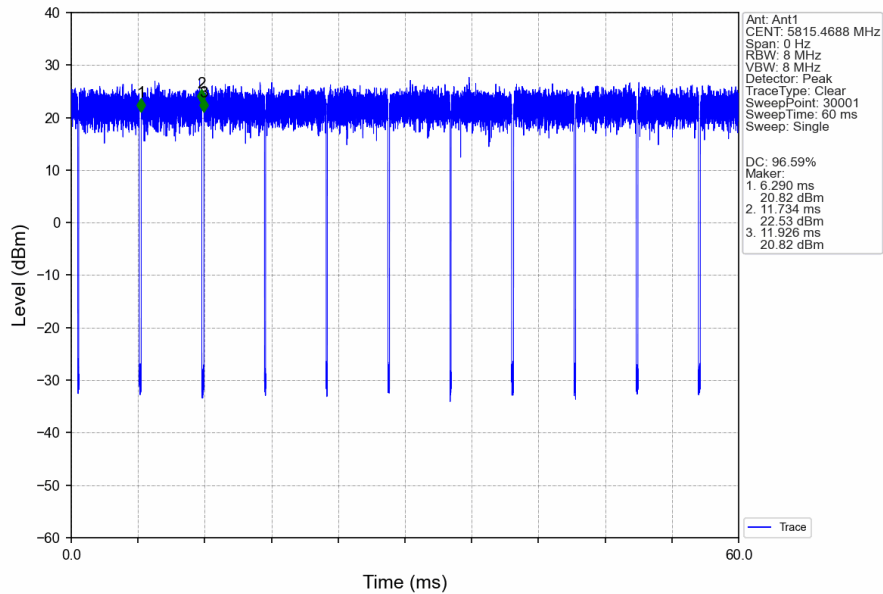
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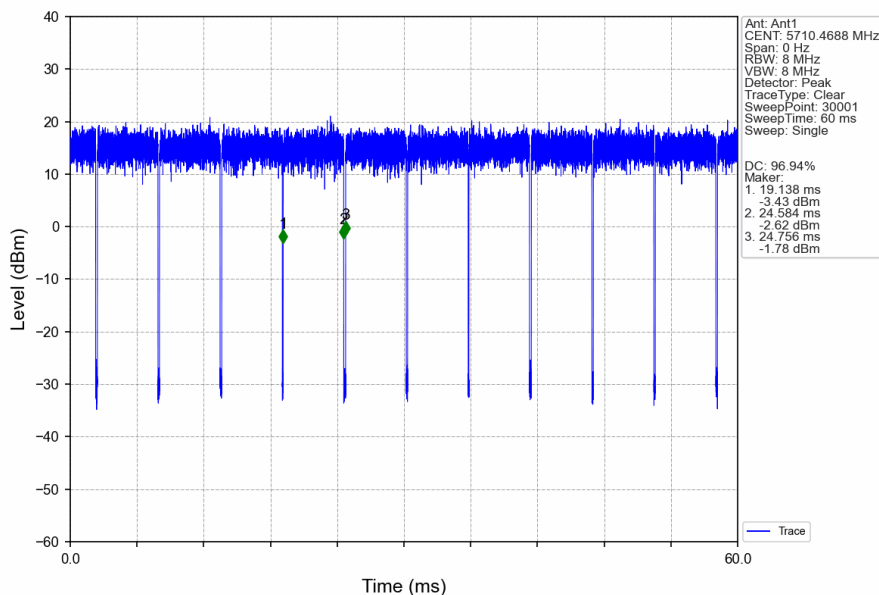
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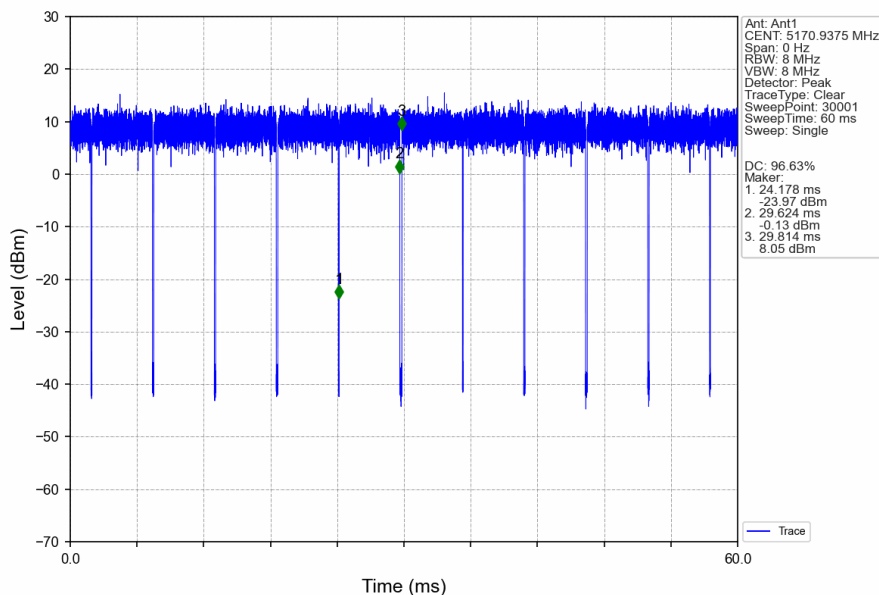
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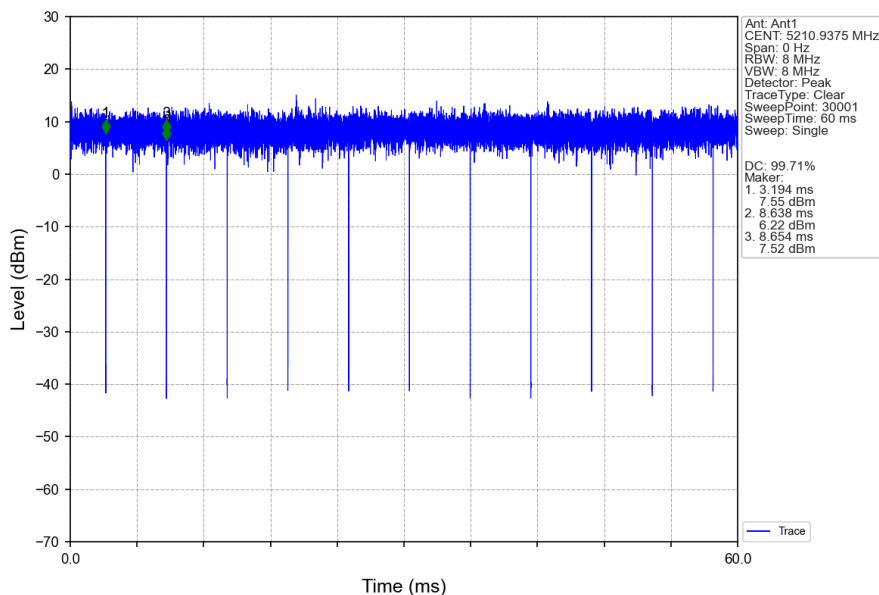
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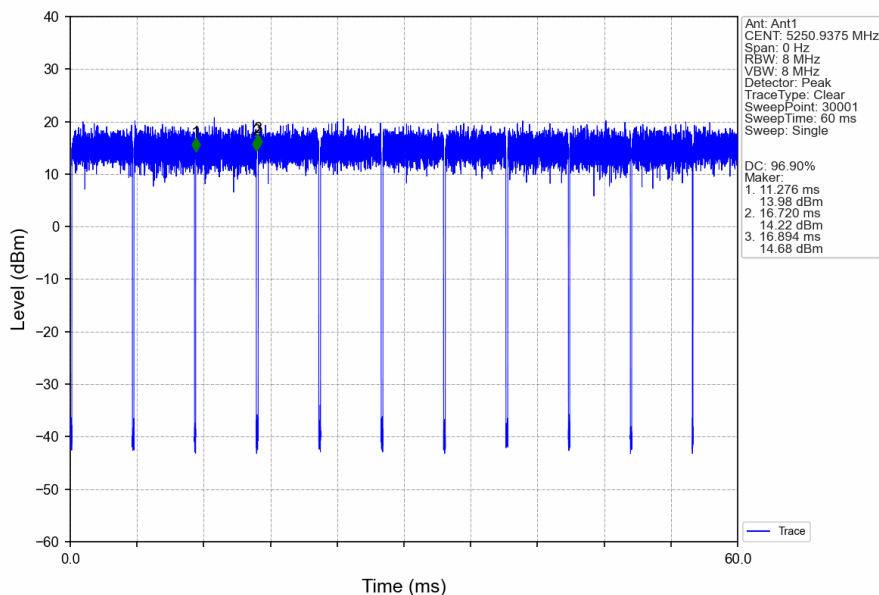
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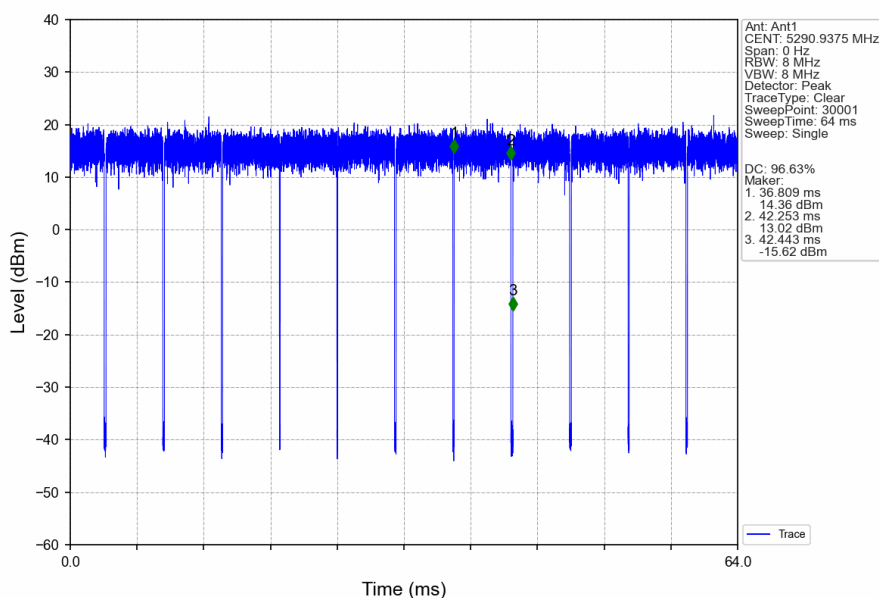
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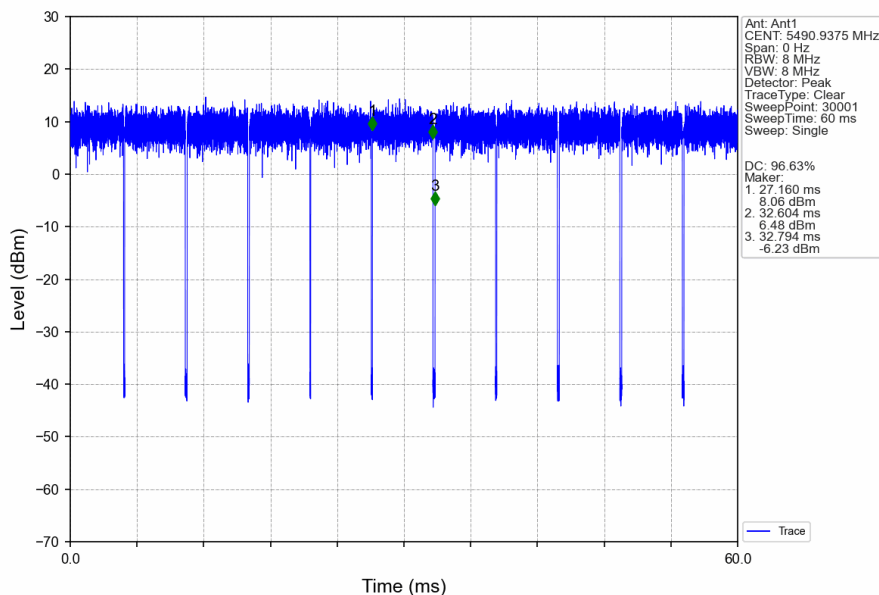
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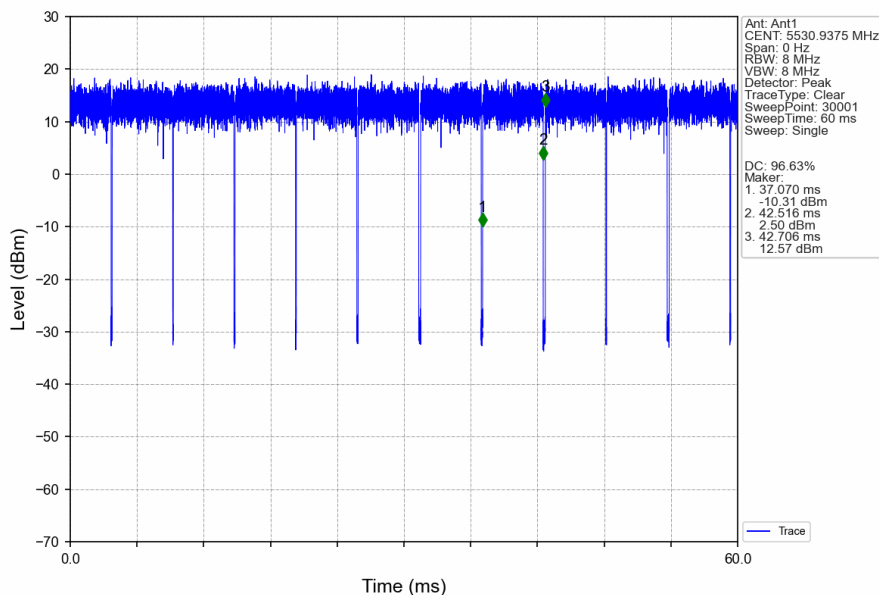
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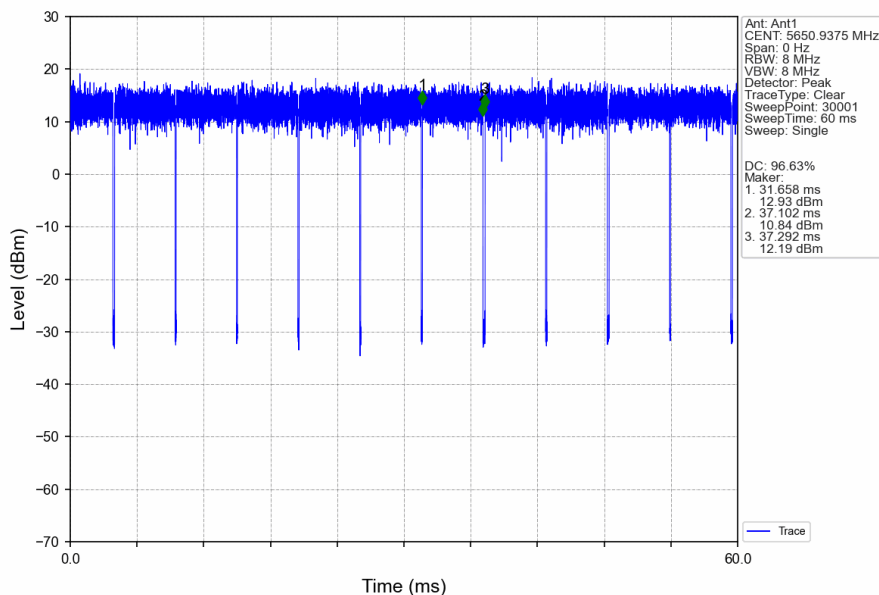
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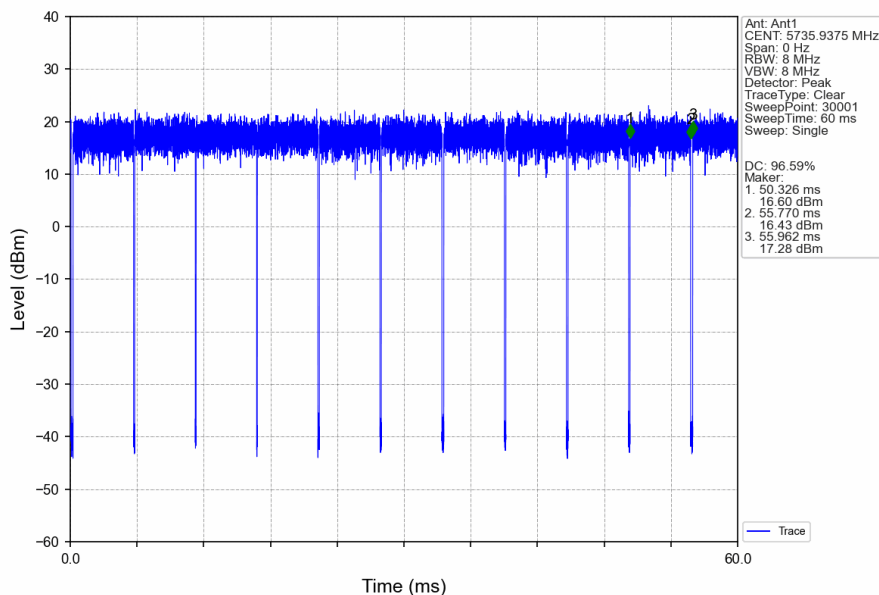
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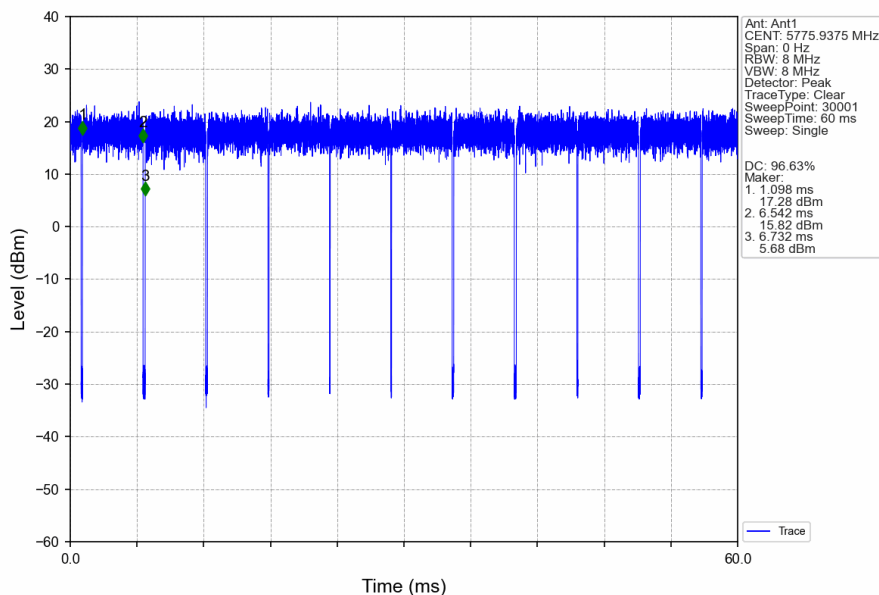
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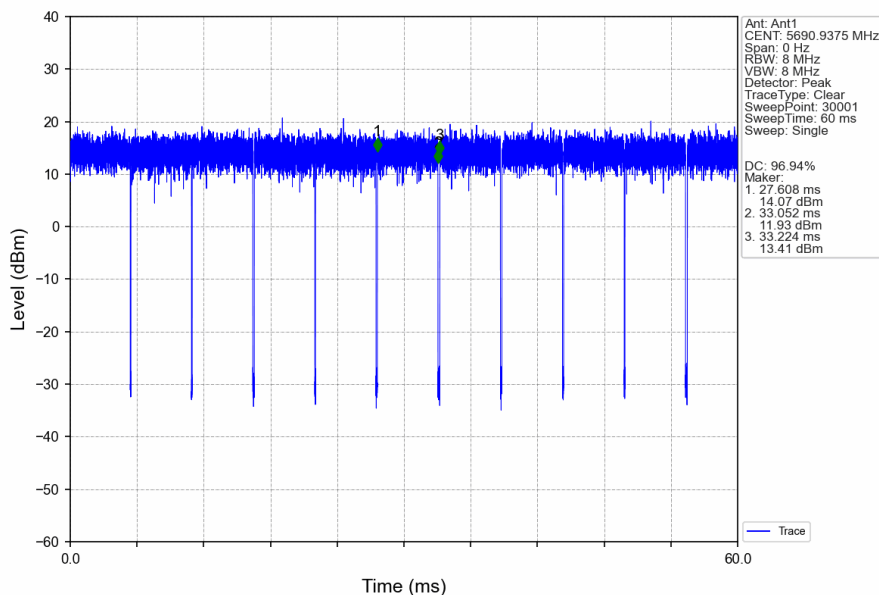
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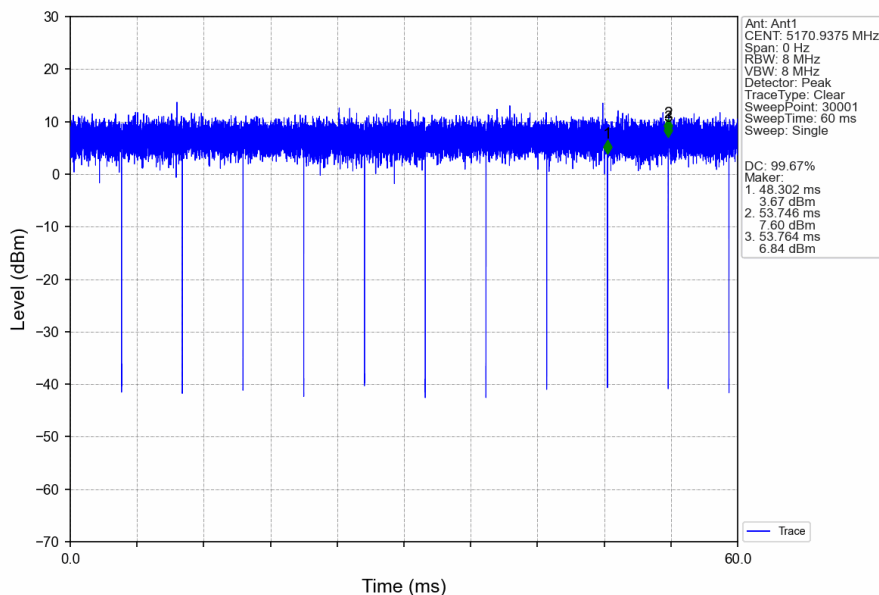
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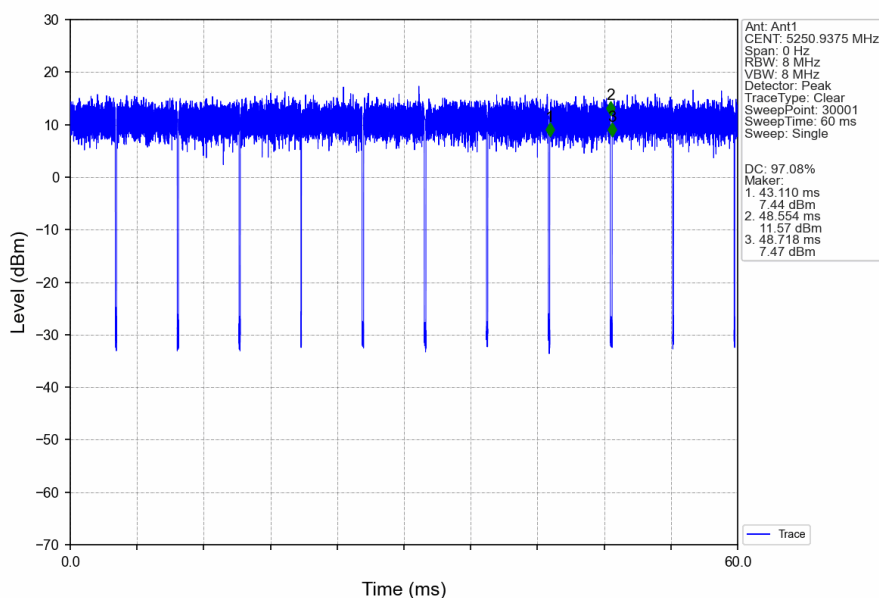
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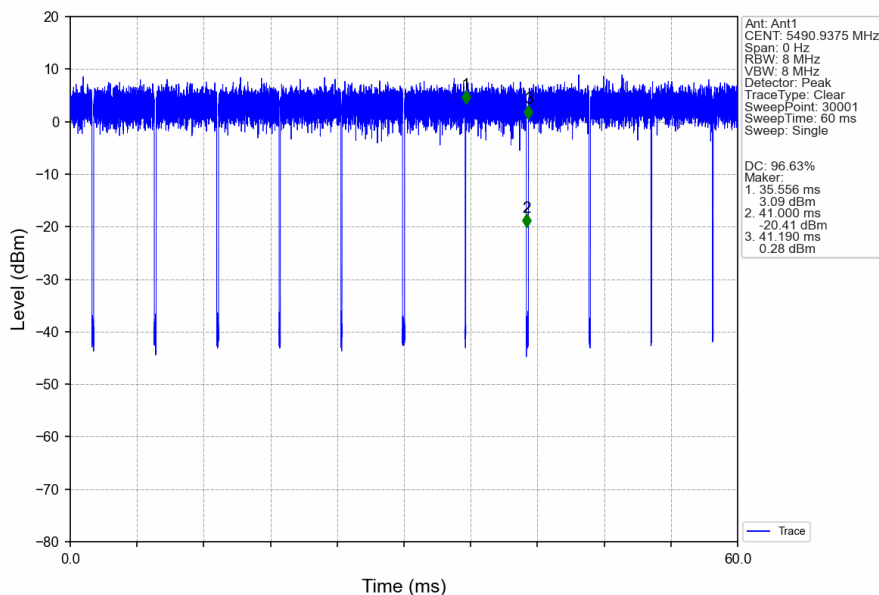
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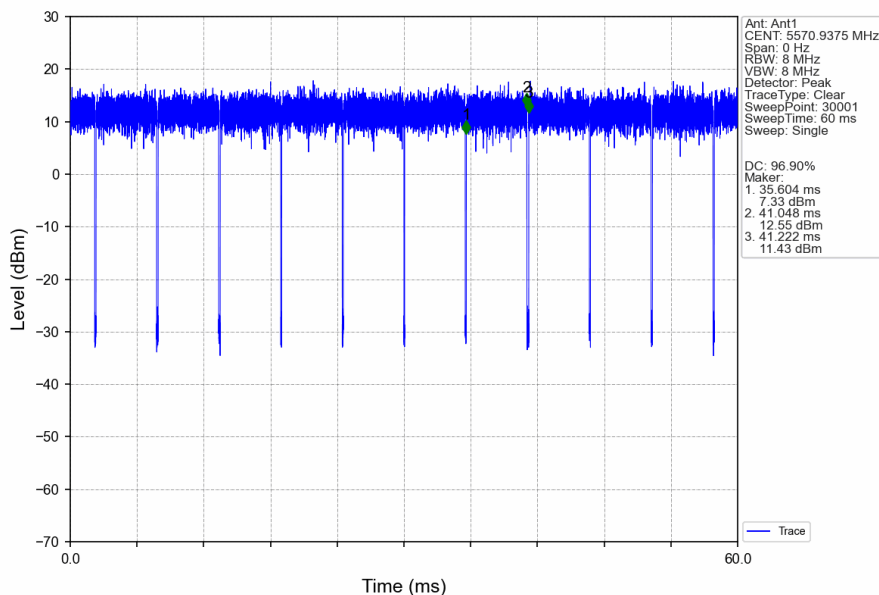
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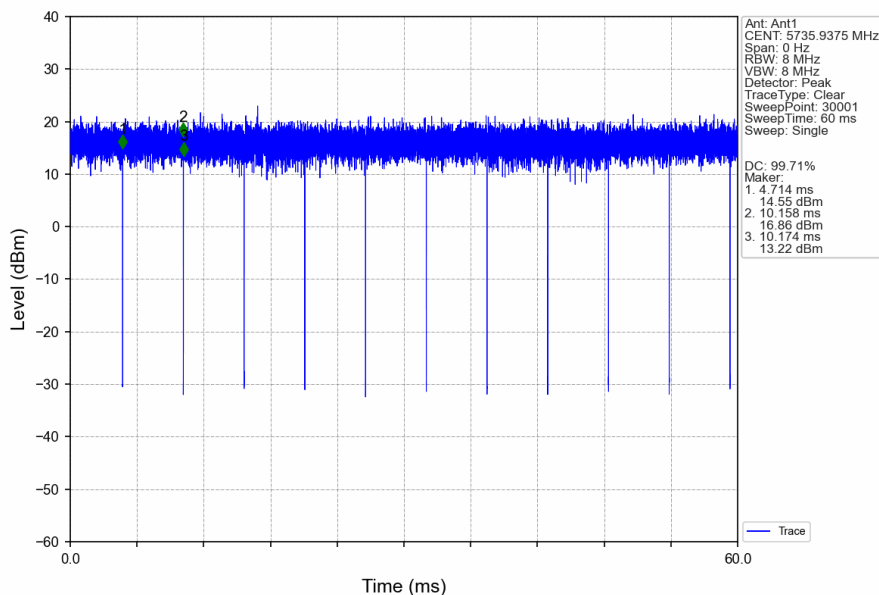
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802.11ax(HEW80)_HCH_5610MHz_SU_/_Ant1_NTNV



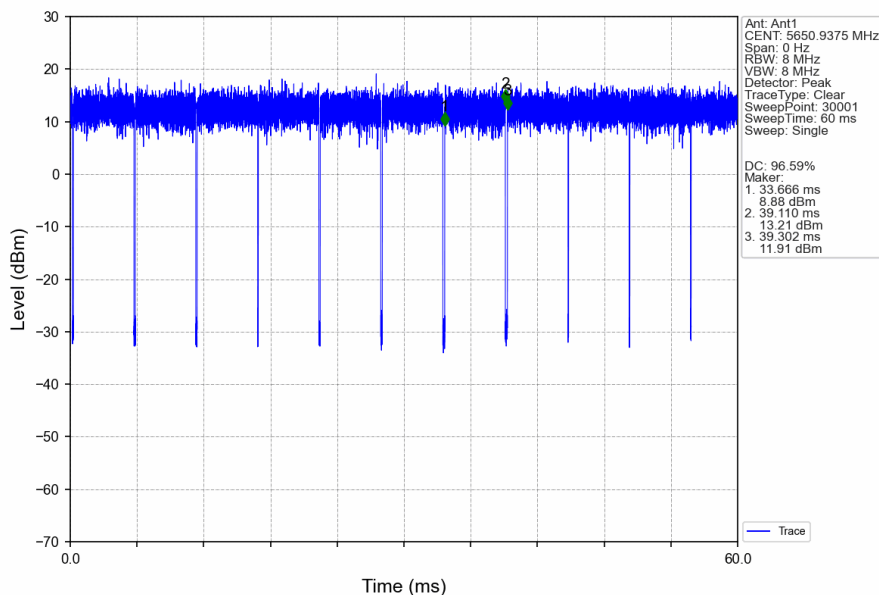
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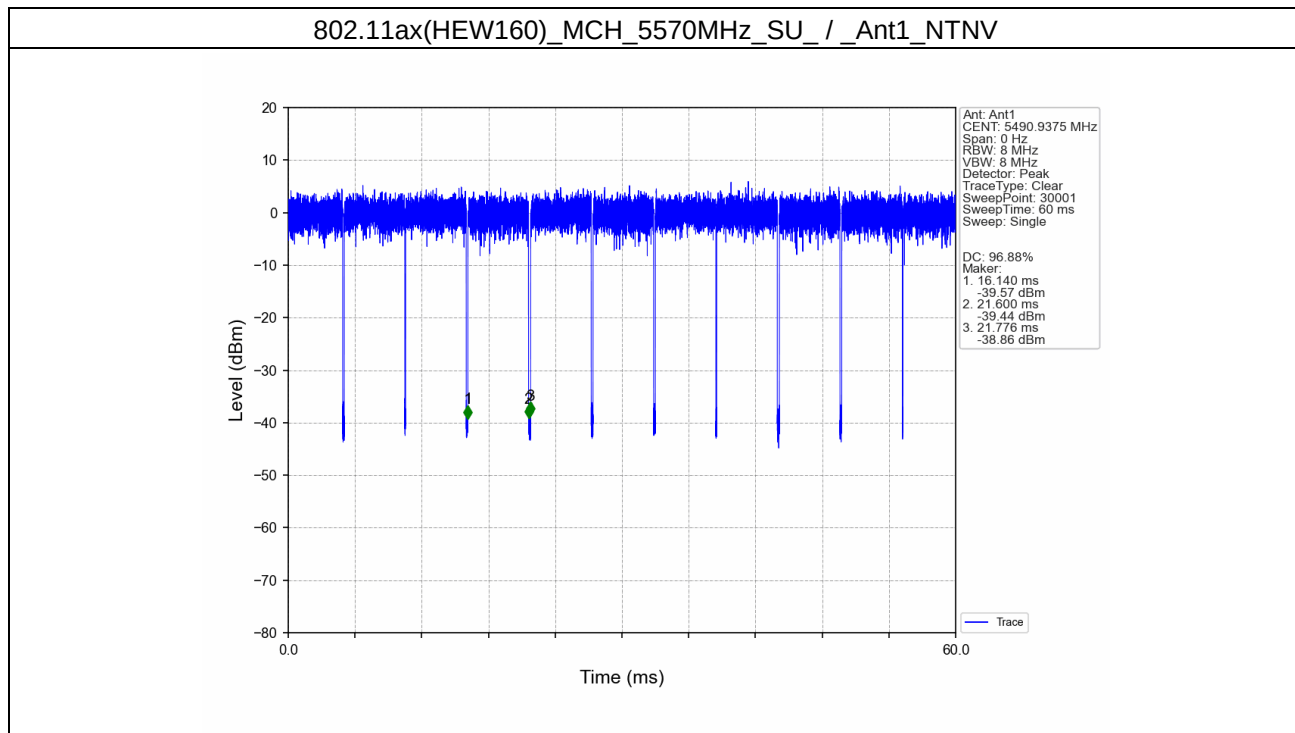


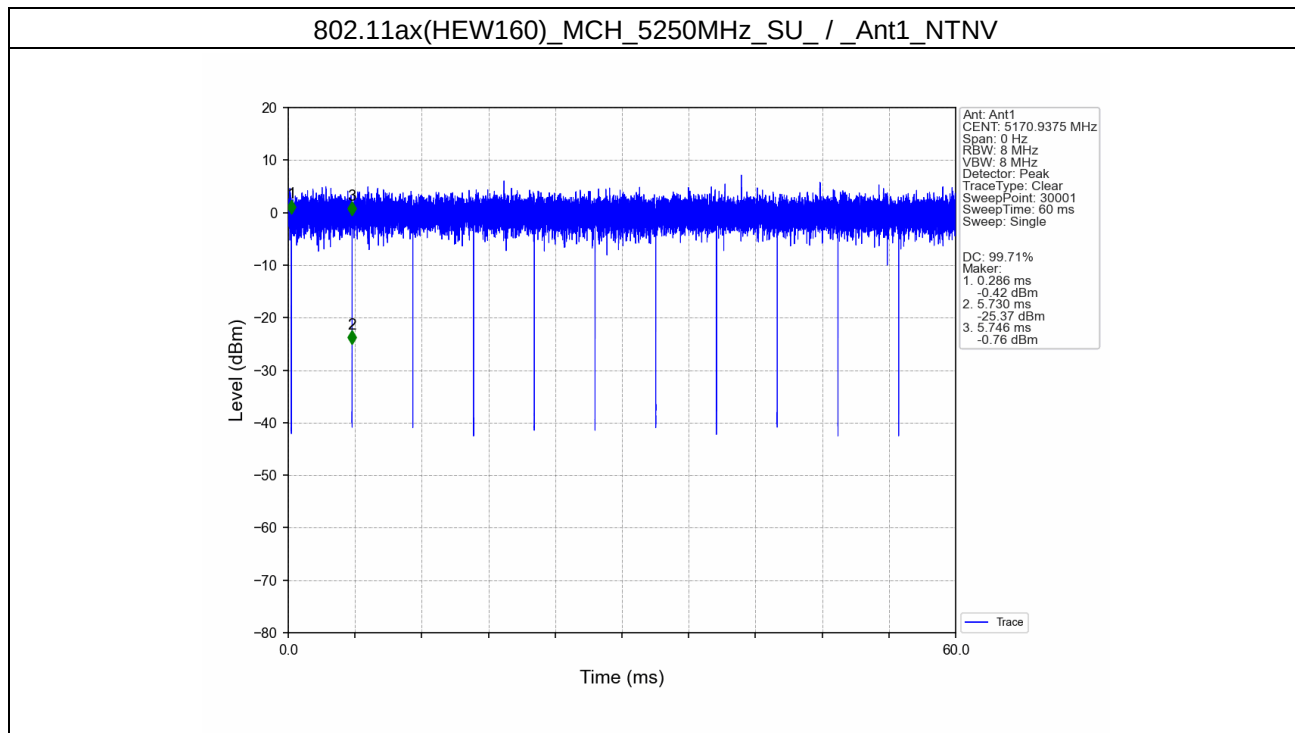
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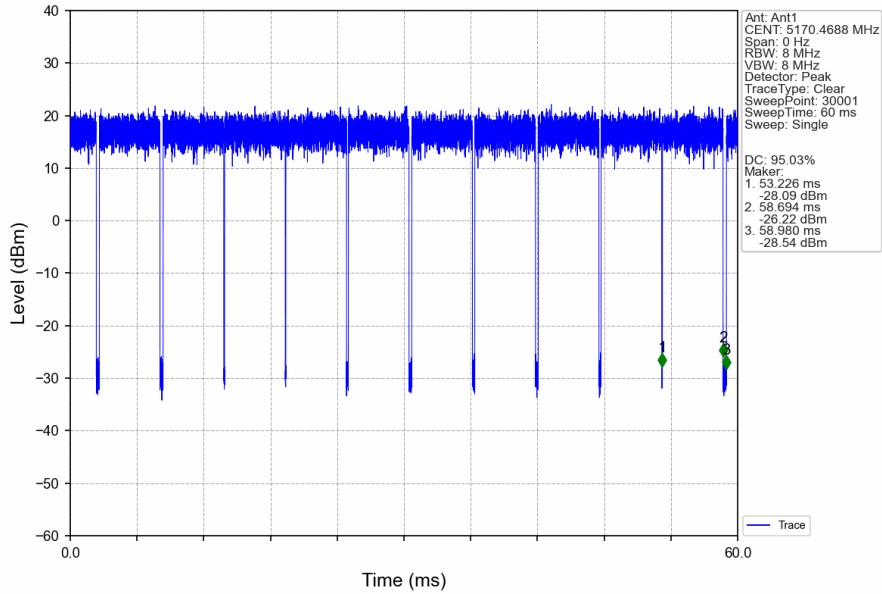
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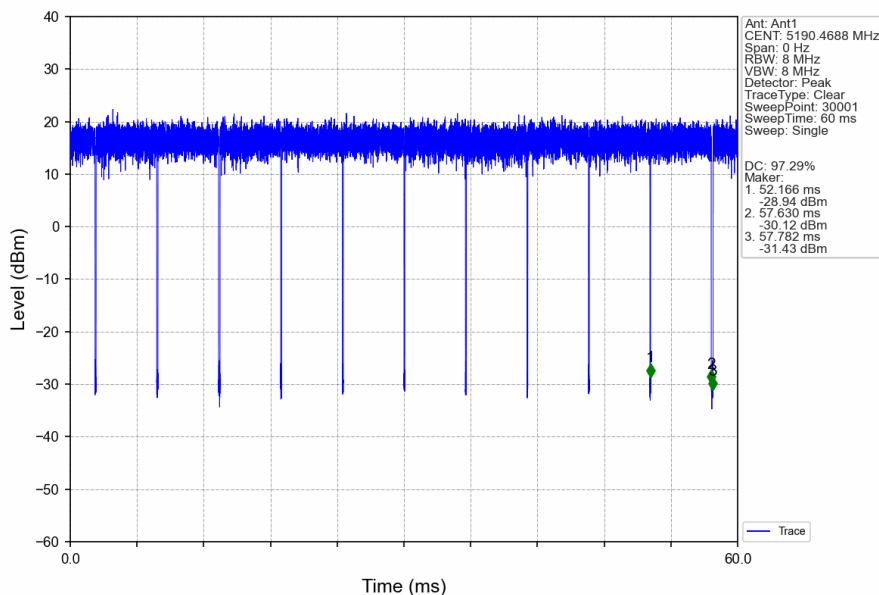




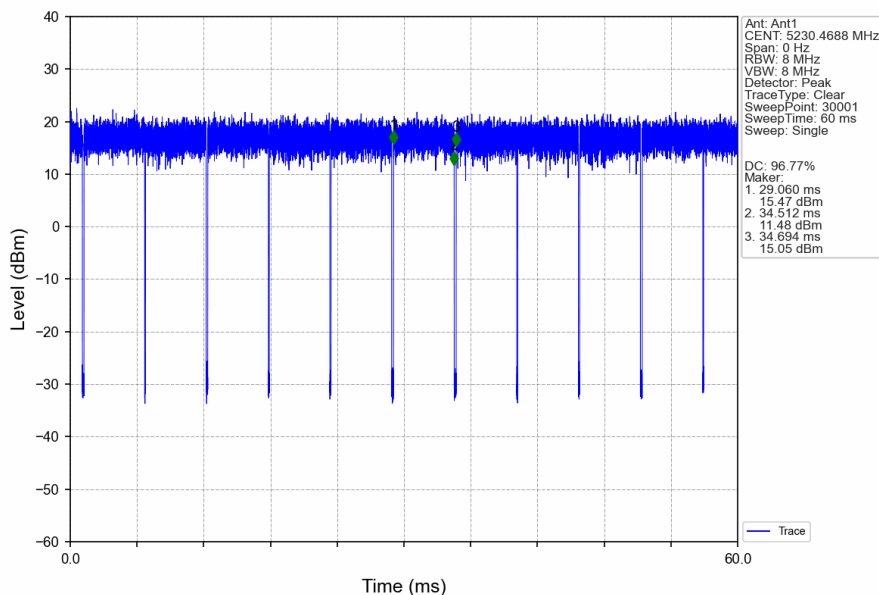
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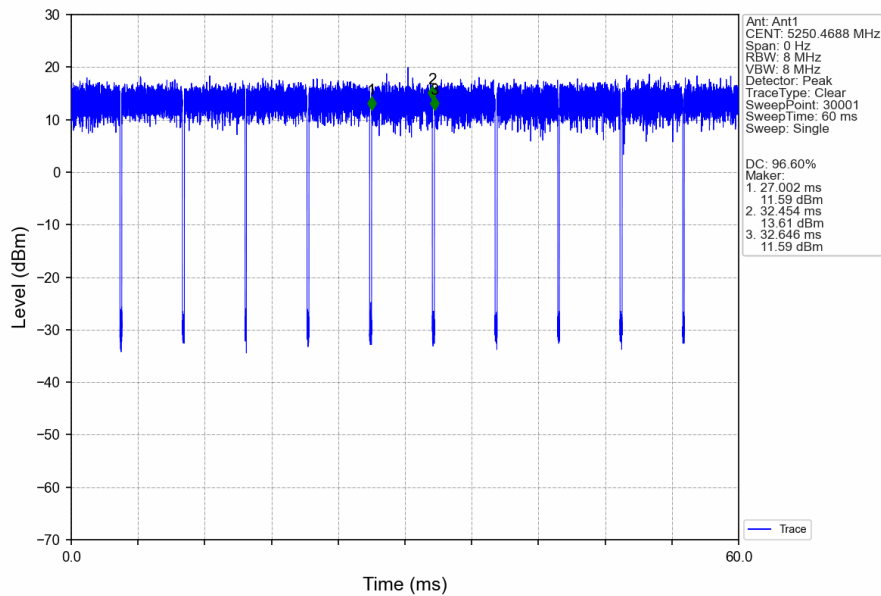
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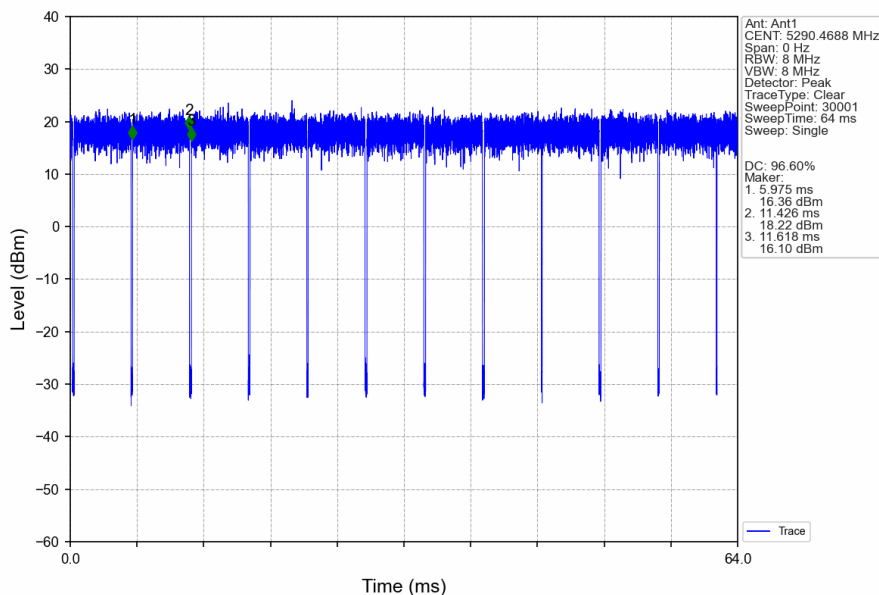
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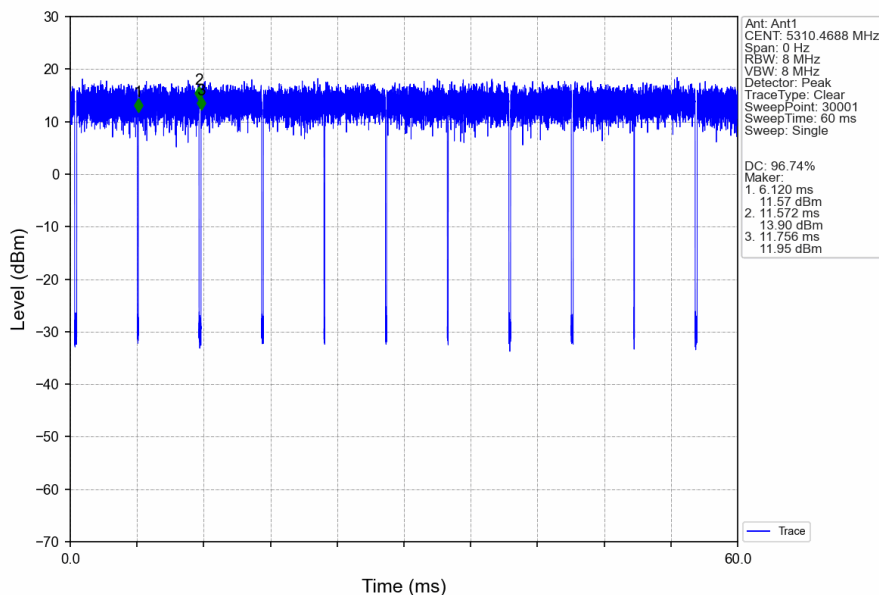
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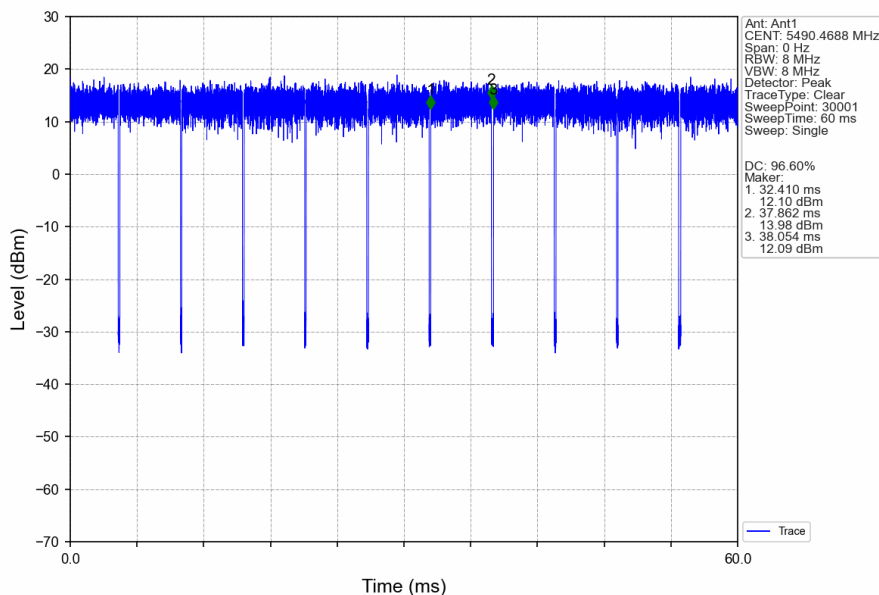
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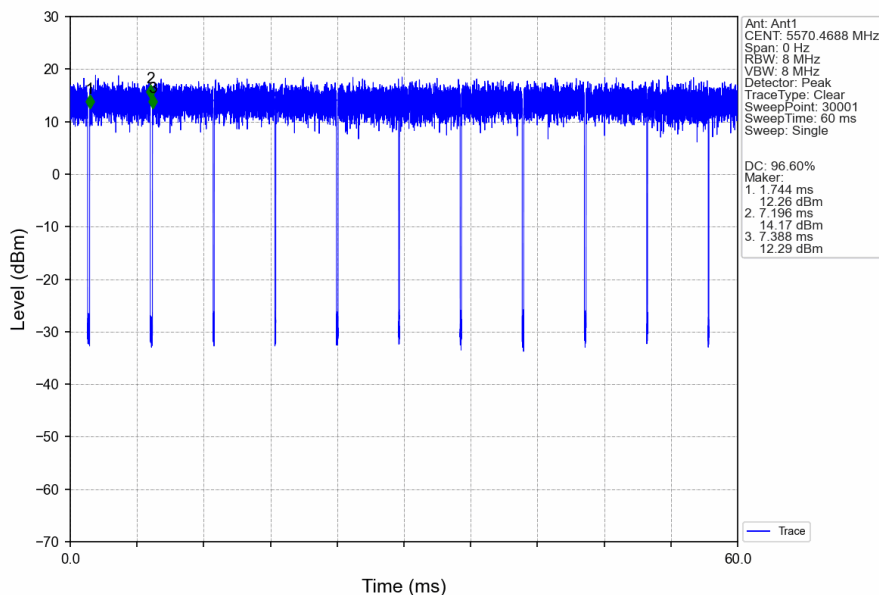
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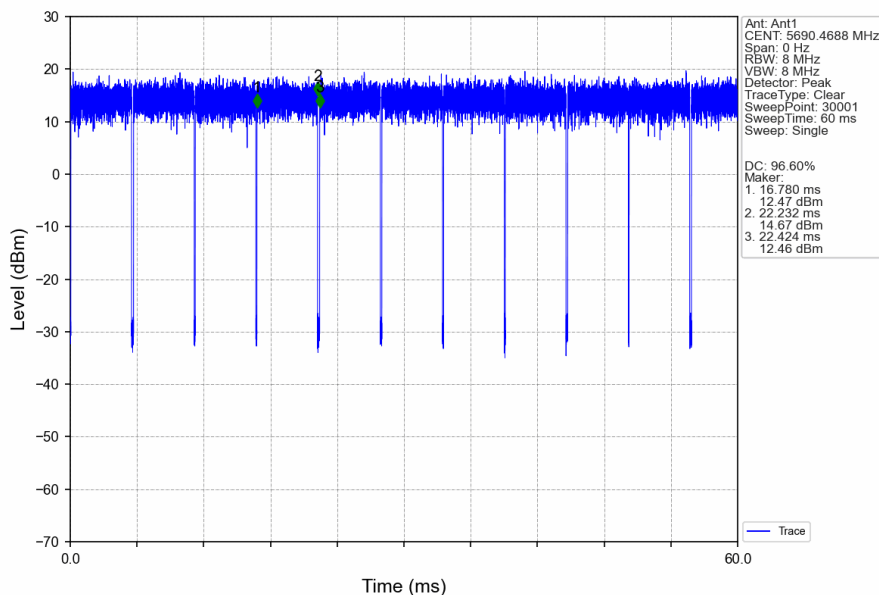
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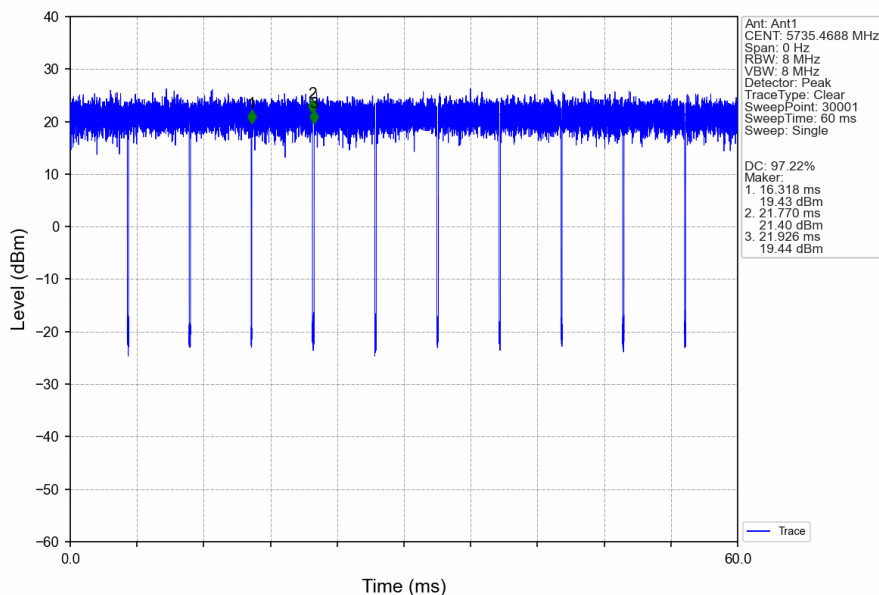
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802.11be(EHT20)_HCH_5700MHz_SU_/_Ant1_NTNV



802.11be(EHT20)_LCH_5745MHz_SU_/_Ant1_NTNV



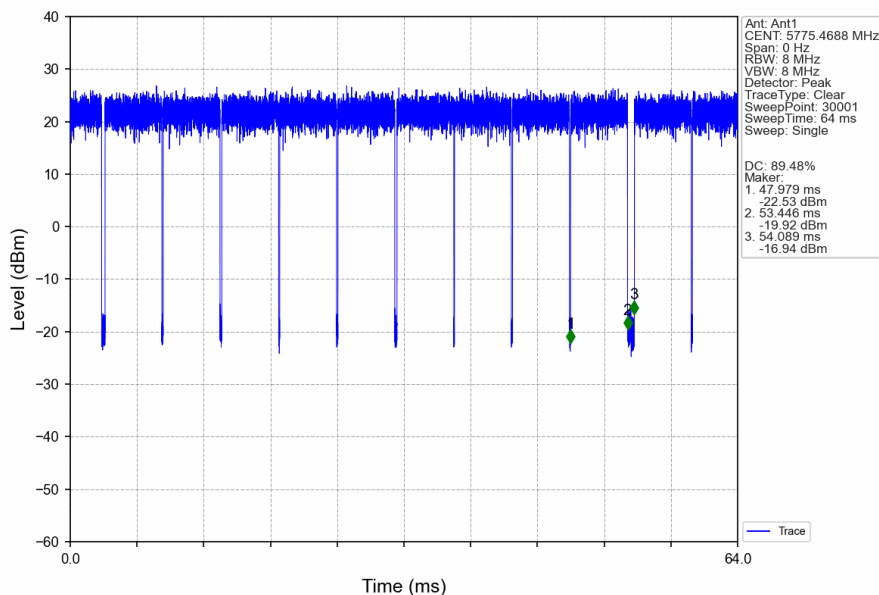
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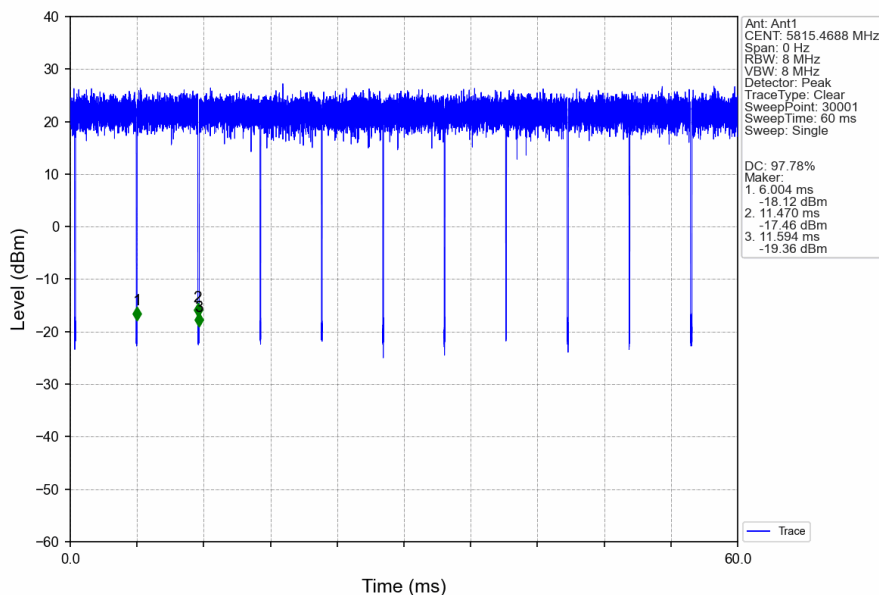
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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

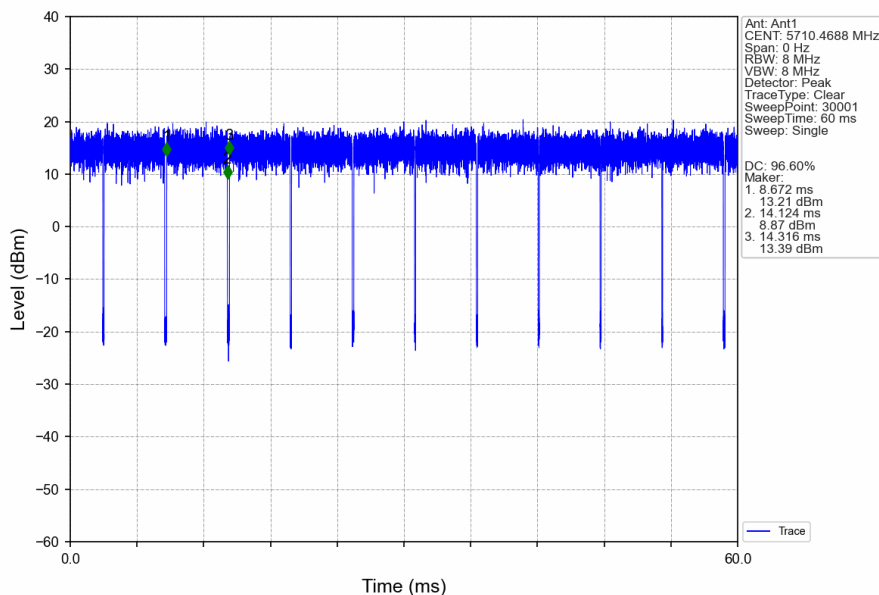
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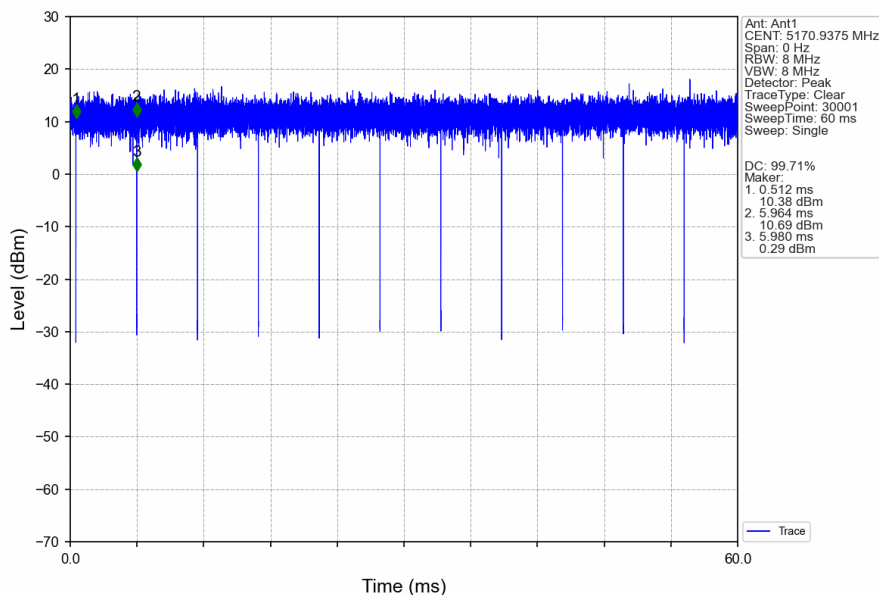
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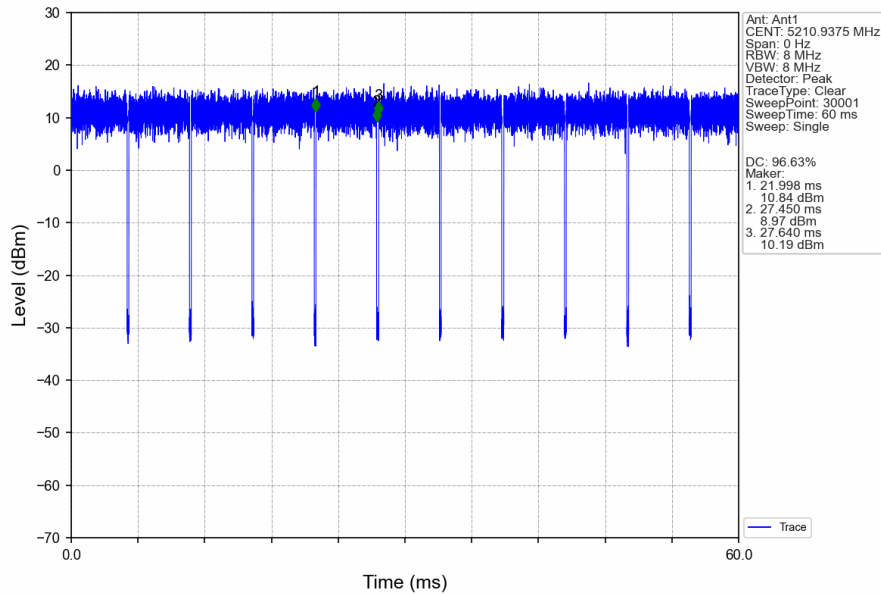
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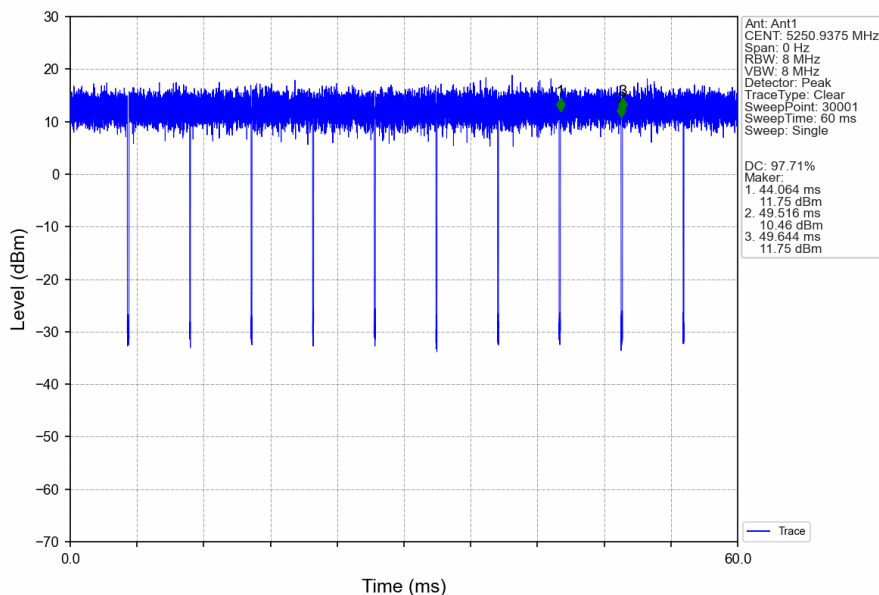
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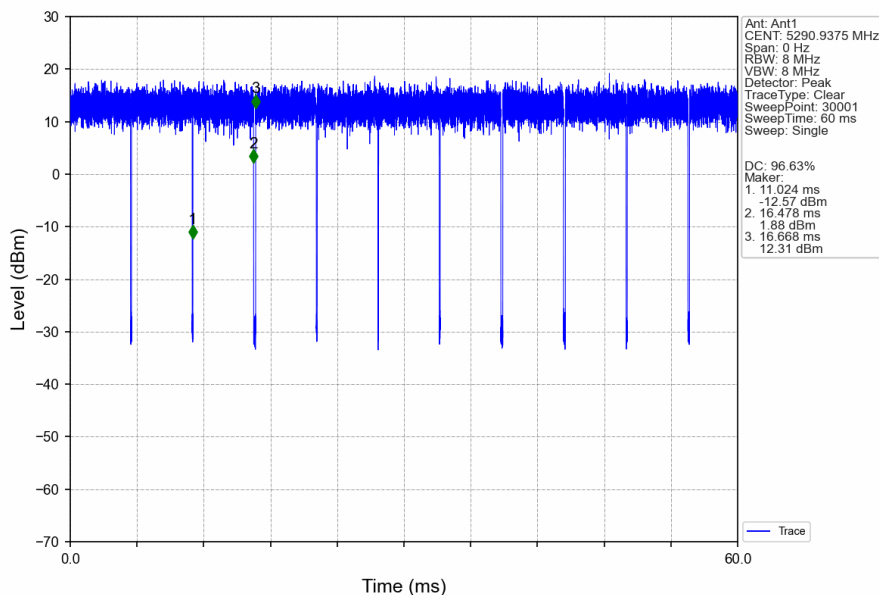
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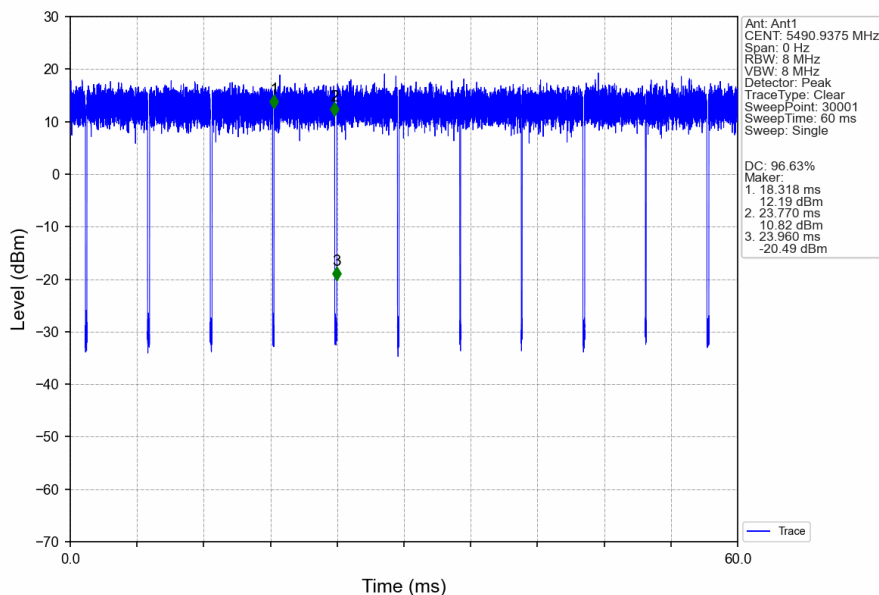
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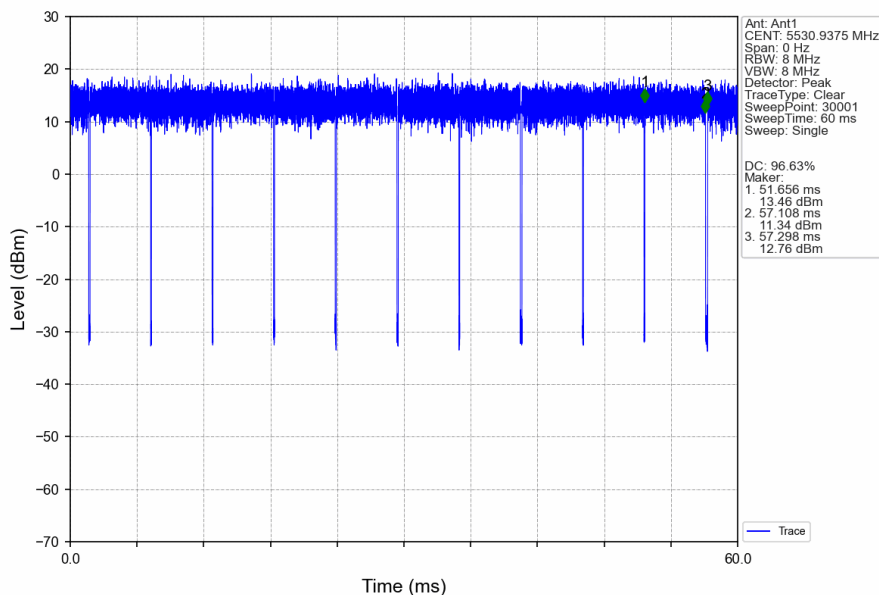
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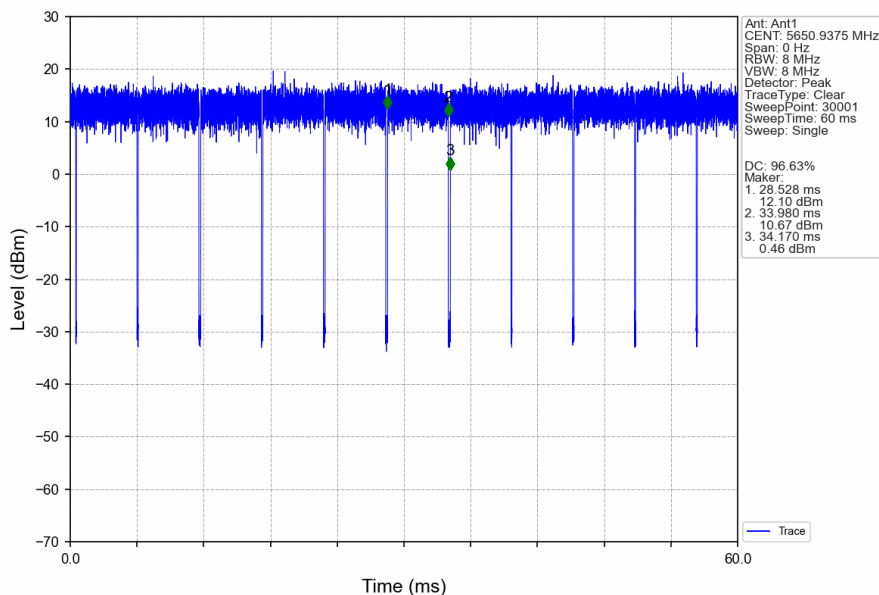
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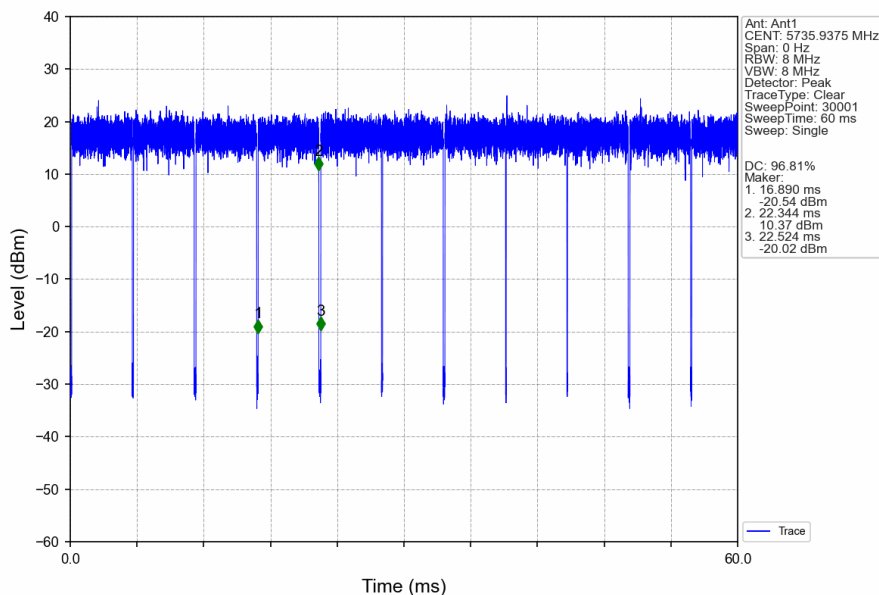
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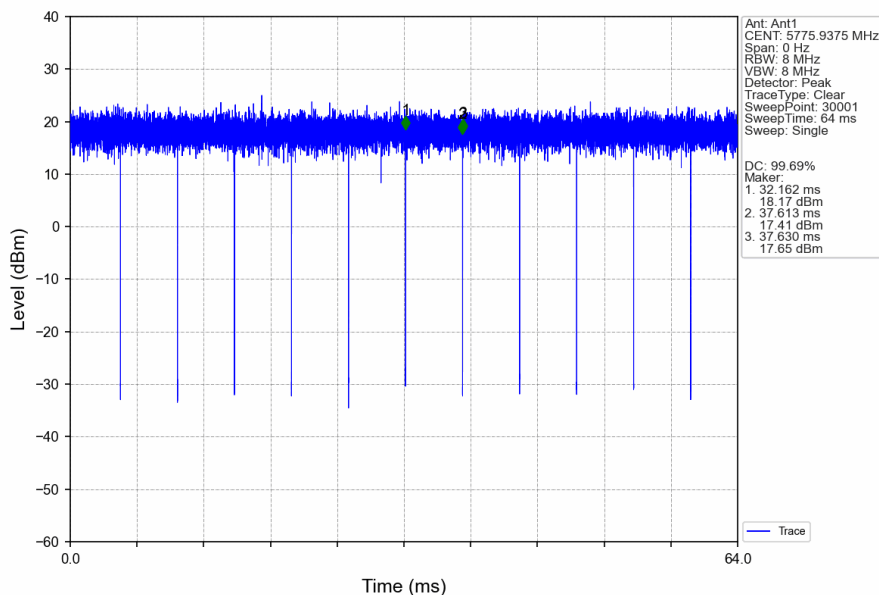
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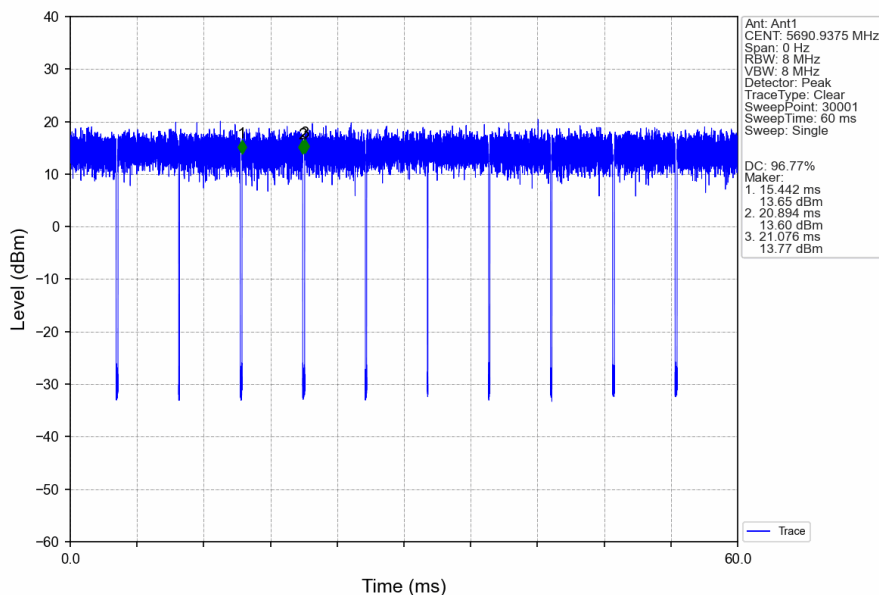
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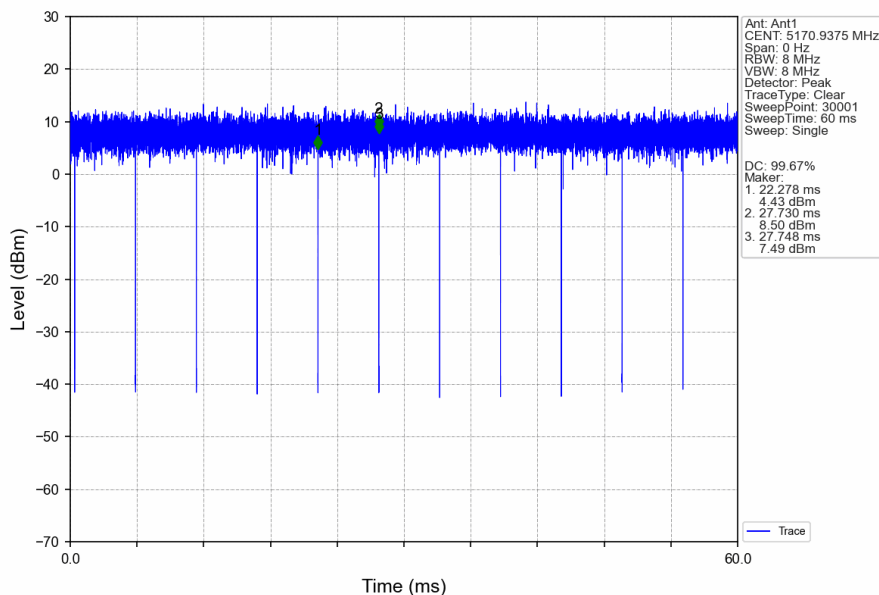
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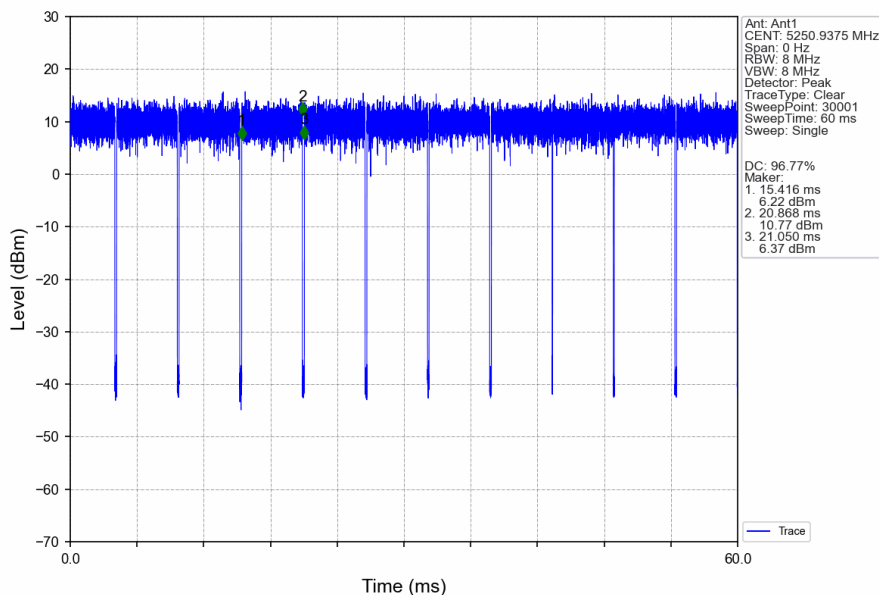
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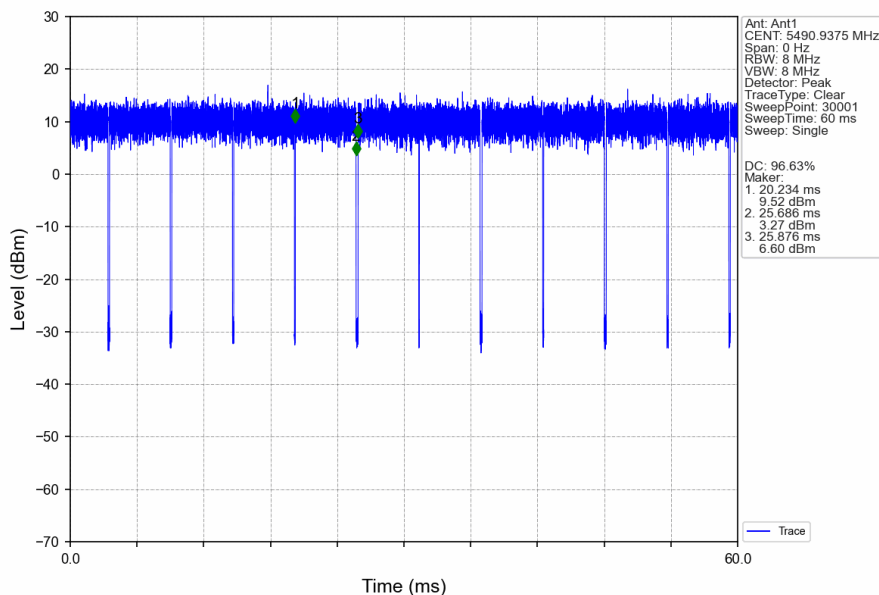
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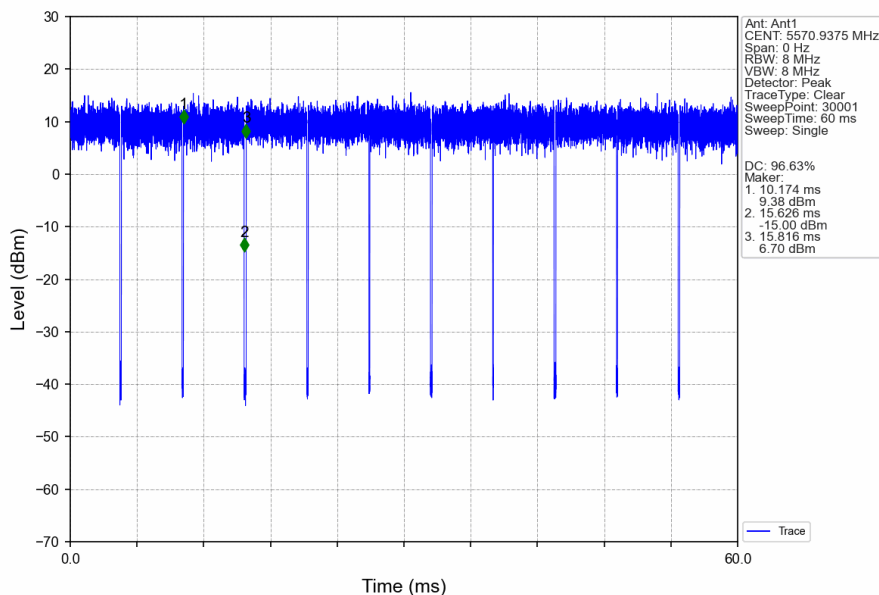
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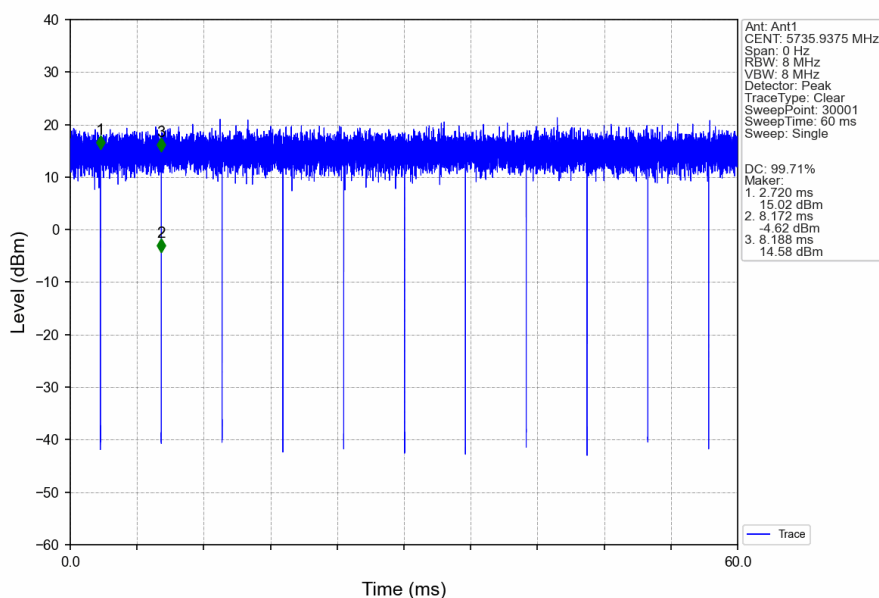
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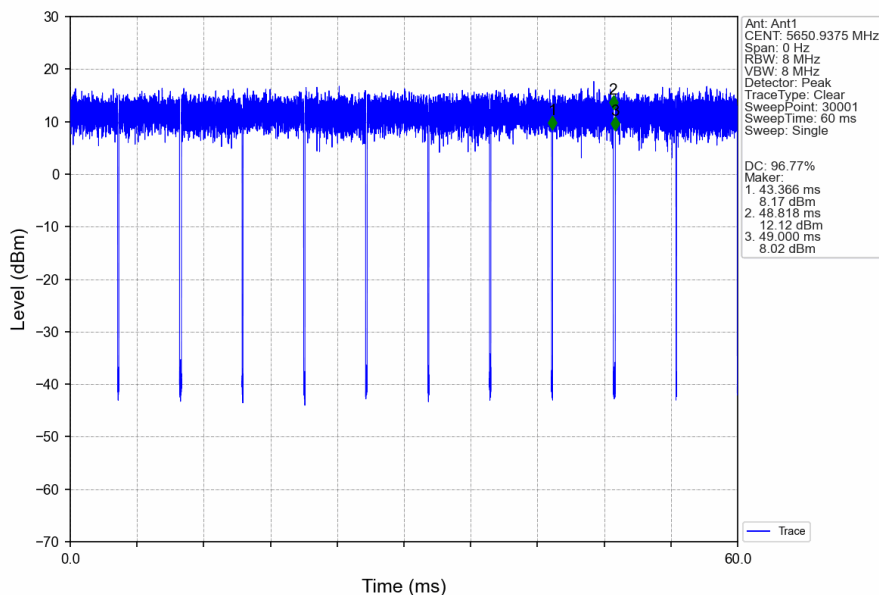
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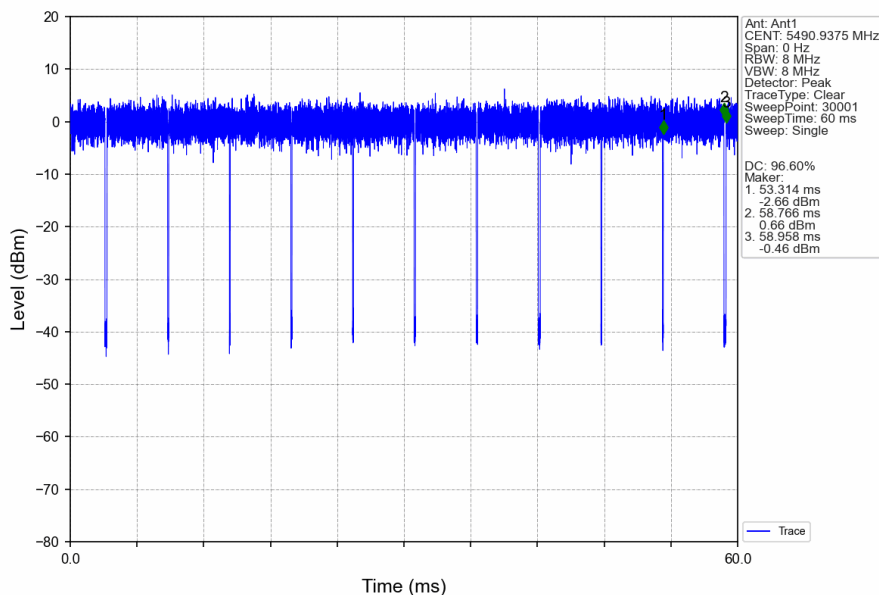
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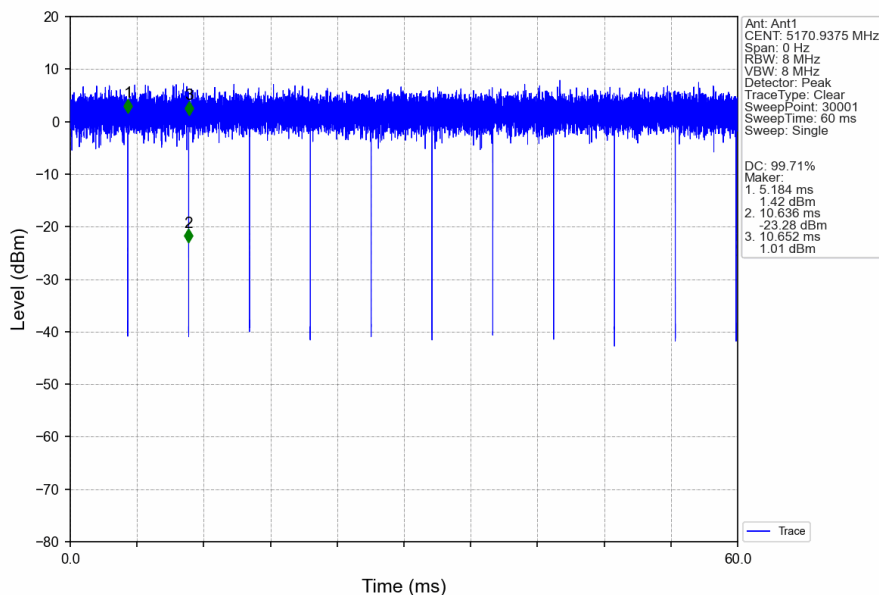
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802.11be(EHT160)_MCH_5250MHz_SU_/_Ant1_NTNV



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	17.856	/	Pass
		5200	/	/	1	17.834	/	Pass
		5240	/	/	1	17.940	/	Pass
		5260	/	/	1	17.954	/	Pass
		5300	/	/	1	17.848	/	Pass
		5320	/	/	1	17.963	/	Pass
		5500	/	/	1	17.925	/	Pass
		5580	/	/	1	17.894	/	Pass
		5700	/	/	1	17.827	/	Pass
		5745	/	/	1	18.846	/	Pass
		5785	/	/	1	20.176	/	Pass
		5825	/	/	1	30.297	/	Pass
		5720	/	/	1	17.889	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.794	/	Pass
		5200	/	/	1	18.838	/	Pass
		5240	/	/	1	18.806	/	Pass
		5260	/	/	1	18.792	/	Pass
		5300	/	/	1	18.854	/	Pass
		5320	/	/	1	18.762	/	Pass
		5500	/	/	1	18.818	/	Pass
		5580	/	/	1	18.800	/	Pass
		5700	/	/	1	18.837	/	Pass
		5745	/	/	1	19.433	/	Pass
		5785	/	/	1	20.374	/	Pass
		5825	/	/	1	30.494	/	Pass
		5720	/	/	1	18.835	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	37.600	/	Pass
		5230	/	/	1	37.603	/	Pass
		5270	/	/	1	37.598	/	Pass
		5310	/	/	1	37.642	/	Pass
		5510	/	/	1	37.599	/	Pass
		5550	/	/	1	37.747	/	Pass



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SZEMC-TRF-01 Rev. A/1

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		5670	/	/	1	37.604	/	Pass
		5755	/	/	1	39.893	/	Pass
		5795	/	/	1	51.453	/	Pass
		5710	/	/	1	37.712	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.783	/	Pass
		5200	/	/	1	18.819	/	Pass
		5240	/	/	1	18.785	/	Pass
		5260	/	/	1	18.823	/	Pass
		5300	/	/	1	18.888	/	Pass
		5320	/	/	1	18.879	/	Pass
		5500	/	/	1	18.780	/	Pass
		5580	/	/	1	18.836	/	Pass
		5700	/	/	1	18.808	/	Pass
		5745	/	/	1	19.562	/	Pass
		5785	/	/	1	20.680	/	Pass
		5825	/	/	1	30.008	/	Pass
		5720	/	/	1	18.882	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	37.607	/	Pass
		5230	/	/	1	37.712	/	Pass
		5270	/	/	1	37.675	/	Pass
		5310	/	/	1	37.542	/	Pass
		5510	/	/	1	37.572	/	Pass
		5550	/	/	1	37.655	/	Pass
		5670	/	/	1	37.679	/	Pass
		5755	/	/	1	39.331	/	Pass
		5795	/	/	1	50.794	/	Pass
		5710	/	/	1	37.871	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	77.827	/	Pass
		5290	/	/	1	77.860	/	Pass
		5530	/	/	1	77.764	/	Pass
		5610	/	/	1	77.878	/	Pass
		5775	/	/	1	77.844	/	Pass
		5690	/	/	1	77.968	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	157.012	/	Pass
		5250	/	/	1	156.636	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	19.397	/	Pass
		5200	SU	/	1	19.430	/	Pass
		5240	SU	/	1	19.444	/	Pass
		5260	SU	/	1	19.451	/	Pass
		5300	SU	/	1	19.446	/	Pass



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		5320	SU	/	1	19.461	/	Pass
		5500	SU	/	1	19.449	/	Pass
		5580	SU	/	1	19.479	/	Pass
		5700	SU	/	1	19.522	/	Pass
		5745	SU	/	1	19.422	/	Pass
		5785	SU	/	1	19.548	/	Pass
		5825	SU	/	1	19.526	/	Pass
		5720	SU	/	1	19.419	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	38.527	/	Pass
		5230	SU	/	1	38.577	/	Pass
		5270	SU	/	1	38.592	/	Pass
		5310	SU	/	1	38.680	/	Pass
		5510	SU	/	1	38.695	/	Pass
		5550	SU	/	1	38.611	/	Pass
		5670	SU	/	1	38.607	/	Pass
		5755	SU	/	1	38.678	/	Pass
		5795	SU	/	1	38.683	/	Pass
		5710	SU	/	1	38.746	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	78.811	/	Pass
		5290	SU	/	1	78.765	/	Pass
		5530	SU	/	1	78.938	/	Pass
		5610	SU	/	1	78.949	/	Pass
		5775	SU	/	1	78.802	/	Pass
		5690	SU	/	1	79.258	/	Pass
802.11ax (HEW160)	MIMO	5570	SU	/	1	158.214	/	Pass
		5250	SU	/	1	157.630	/	Pass
802.11be (EHT20)	MIMO	5180	SU	/	1	19.416	/	Pass
		5200	SU	/	1	19.491	/	Pass
		5240	SU	/	1	19.468	/	Pass
		5260	SU	/	1	19.495	/	Pass
		5300	SU	/	1	19.440	/	Pass
		5320	SU	/	1	19.495	/	Pass
		5500	SU	/	1	19.512	/	Pass
		5580	SU	/	1	19.511	/	Pass
		5700	SU	/	1	19.408	/	Pass
		5745	SU	/	1	19.457	/	Pass
		5785	SU	/	1	19.463	/	Pass
		5825	SU	/	1	19.609	/	Pass
		5720	SU	/	1	19.495	/	Pass
802.11be	MIMO	5190	SU	/	1	38.675	/	Pass



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(EHT40)		5230	SU	/	1	38.541	/	Pass
		5270	SU	/	1	38.708	/	Pass
		5310	SU	/	1	38.673	/	Pass
		5510	SU	/	1	38.610	/	Pass
		5550	SU	/	1	38.723	/	Pass
		5670	SU	/	1	38.666	/	Pass
		5755	SU	/	1	38.676	/	Pass
		5795	SU	/	1	38.613	/	Pass
		5710	SU	/	1	38.726	/	Pass
802.11be (EHT80)	MIMO	5210	SU	/	1	78.927	/	Pass
		5290	SU	/	1	78.846	/	Pass
		5530	SU	/	1	78.919	/	Pass
		5610	SU	/	1	78.764	/	Pass
		5775	SU	/	1	78.698	/	Pass
		5690	SU	/	1	78.879	/	Pass
802.11be (EHT160)	MIMO	5570	SU	/	1	158.002	/	Pass
		5250	SU	/	1	157.753	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.415	>=0.5	Pass
		5785	/	/	1	16.421	>=0.5	Pass
		5825	/	/	1	16.466	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.678	>=0.5	Pass
		5785	/	/	1	17.663	>=0.5	Pass
		5825	/	/	1	17.631	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	36.414	>=0.5	Pass
		5795	/	/	1	36.414	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	17.658	>=0.5	Pass
		5785	/	/	1	17.632	>=0.5	Pass
		5825	/	/	1	17.678	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	36.420	>=0.5	Pass
		5795	/	/	1	36.423	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	76.351	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	1	19.085	>=0.5	Pass
		5785	SU	/	1	19.084	>=0.5	Pass
		5825	SU	/	1	19.050	>=0.5	Pass
802.11ax	MIMO	5755	SU	/	1	38.227	>=0.5	Pass



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(HEW40)		5795	SU	/	1	38.212	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	1	78.023	>=0.5	Pass
802.11be (EHT20)	MIMO	5745	SU	/	1	19.086	>=0.5	Pass
		5785	SU	/	1	19.049	>=0.5	Pass
		5825	SU	/	1	19.072	>=0.5	Pass
802.11be (EHT40)	MIMO	5755	SU	/	1	38.138	>=0.5	Pass
		5795	SU	/	1	38.234	>=0.5	Pass
802.11be (EHT80)	MIMO	5775	SU	/	1	78.142	>=0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	22.928	/	Pass
		5200	/	/	1	22.714	/	Pass
		5240	/	/	1	22.666	/	Pass
		5260	/	/	1	22.876	/	Pass
		5300	/	/	1	22.801	/	Pass
		5320	/	/	1	22.835	/	Pass
		5500	/	/	1	22.614	/	Pass
		5580	/	/	1	22.710	/	Pass
		5700	/	/	1	22.558	/	Pass
		5720	/	/	1	22.635	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	23.390	/	Pass
		5200	/	/	1	22.732	/	Pass
		5240	/	/	1	22.958	/	Pass
		5260	/	/	1	22.892	/	Pass
		5300	/	/	1	23.057	/	Pass
		5320	/	/	1	23.022	/	Pass
		5500	/	/	1	22.778	/	Pass
		5580	/	/	1	23.042	/	Pass
		5700	/	/	1	22.973	/	Pass
		5720	/	/	1	23.278	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	45.539	/	Pass
		5230	/	/	1	44.706	/	Pass
		5270	/	/	1	44.926	/	Pass
		5310	/	/	1	44.351	/	Pass
		5510	/	/	1	45.359	/	Pass
		5550	/	/	1	44.500	/	Pass
		5670	/	/	1	45.530	/	Pass



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		5710	/	/	1	45.206	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	22.855	/	Pass
		5200	/	/	1	22.920	/	Pass
		5240	/	/	1	22.785	/	Pass
		5260	/	/	1	22.960	/	Pass
		5300	/	/	1	22.886	/	Pass
		5320	/	/	1	23.254	/	Pass
		5500	/	/	1	23.121	/	Pass
		5580	/	/	1	23.041	/	Pass
		5700	/	/	1	23.234	/	Pass
		5720	/	/	1	22.659	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	44.122	/	Pass
		5230	/	/	1	45.669	/	Pass
		5270	/	/	1	44.856	/	Pass
		5310	/	/	1	45.224	/	Pass
		5510	/	/	1	45.257	/	Pass
		5550	/	/	1	44.625	/	Pass
		5670	/	/	1	45.016	/	Pass
		5710	/	/	1	45.042	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	91.907	/	Pass
		5290	/	/	1	91.355	/	Pass
		5530	/	/	1	93.738	/	Pass
		5610	/	/	1	92.565	/	Pass
		5690	/	/	1	92.964	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	176.443	/	Pass
		5250	/	/	1	173.491	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	1	22.631	/	Pass
		5200	SU	/	1	22.522	/	Pass
		5240	SU	/	1	23.097	/	Pass
		5260	SU	/	1	23.202	/	Pass
		5300	SU	/	1	22.665	/	Pass
		5320	SU	/	1	22.715	/	Pass
		5500	SU	/	1	22.839	/	Pass
		5580	SU	/	1	22.763	/	Pass
		5700	SU	/	1	22.467	/	Pass
		5720	SU	/	1	22.747	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	1	44.388	/	Pass
		5230	SU	/	1	44.682	/	Pass
		5270	SU	/	1	43.921	/	Pass
		5310	SU	/	1	43.853	/	Pass



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		5510	SU	/	1	43.861	/	Pass
		5550	SU	/	1	44.110	/	Pass
		5670	SU	/	1	43.777	/	Pass
		5710	SU	/	1	43.767	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	1	89.477	/	Pass
		5290	SU	/	1	86.926	/	Pass
		5530	SU	/	1	88.178	/	Pass
		5610	SU	/	1	88.619	/	Pass
		5690	SU	/	1	90.420	/	Pass
802.11ax (HEW160)	MIMO	5570	SU	/	1	172.037	/	Pass
		5250	SU	/	1	170.310	/	Pass
802.11be (EHT20)	MIMO	5180	SU	/	1	22.390	/	Pass
		5200	SU	/	1	22.749	/	Pass
		5240	SU	/	1	22.477	/	Pass
		5260	SU	/	1	22.837	/	Pass
		5300	SU	/	1	23.353	/	Pass
		5320	SU	/	1	23.194	/	Pass
		5500	SU	/	1	22.984	/	Pass
		5580	SU	/	1	23.046	/	Pass
		5700	SU	/	1	22.894	/	Pass
		5720	SU	/	1	23.073	/	Pass
802.11be (EHT40)	MIMO	5190	SU	/	1	44.772	/	Pass
		5230	SU	/	1	43.827	/	Pass
		5270	SU	/	1	44.514	/	Pass
		5310	SU	/	1	44.125	/	Pass
		5510	SU	/	1	44.455	/	Pass
		5550	SU	/	1	44.917	/	Pass
		5670	SU	/	1	43.678	/	Pass
		5710	SU	/	1	44.424	/	Pass
802.11be (EHT80)	MIMO	5210	SU	/	1	87.773	/	Pass
		5290	SU	/	1	88.609	/	Pass
		5530	SU	/	1	89.009	/	Pass
		5610	SU	/	1	89.403	/	Pass
		5690	SU	/	1	88.965	/	Pass
802.11be (EHT160)	MIMO	5570	SU	/	1	169.860	/	Pass
		5250	SU	/	1	171.276	/	Pass



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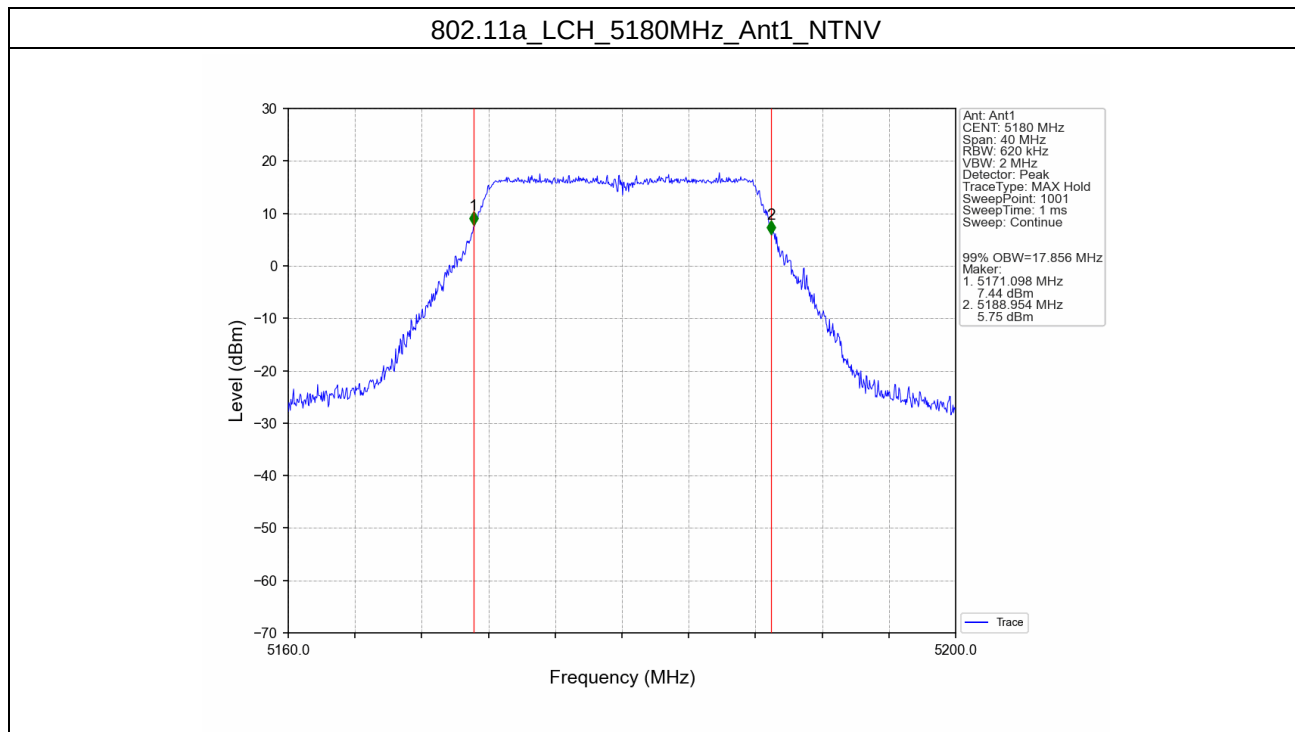
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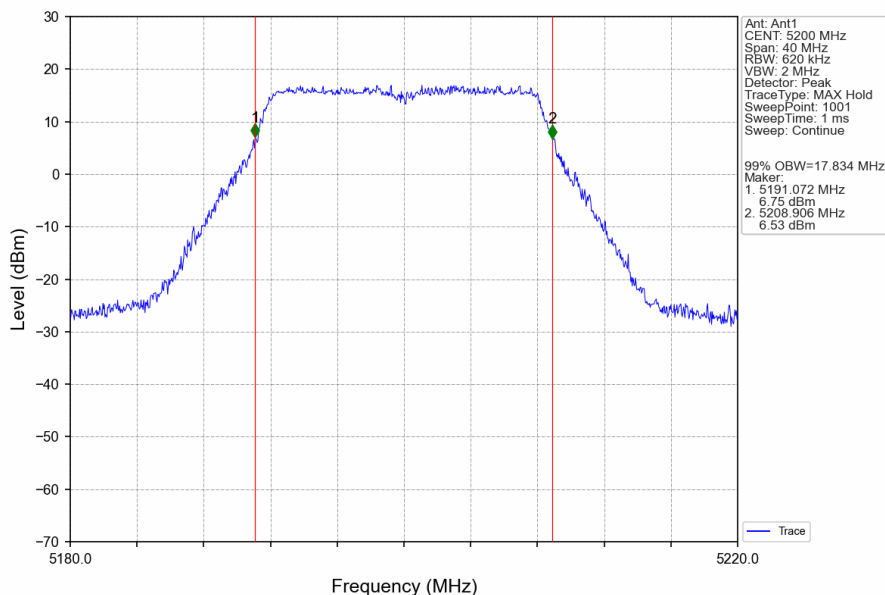
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2.2 Test Graph

2.2.1 OBW



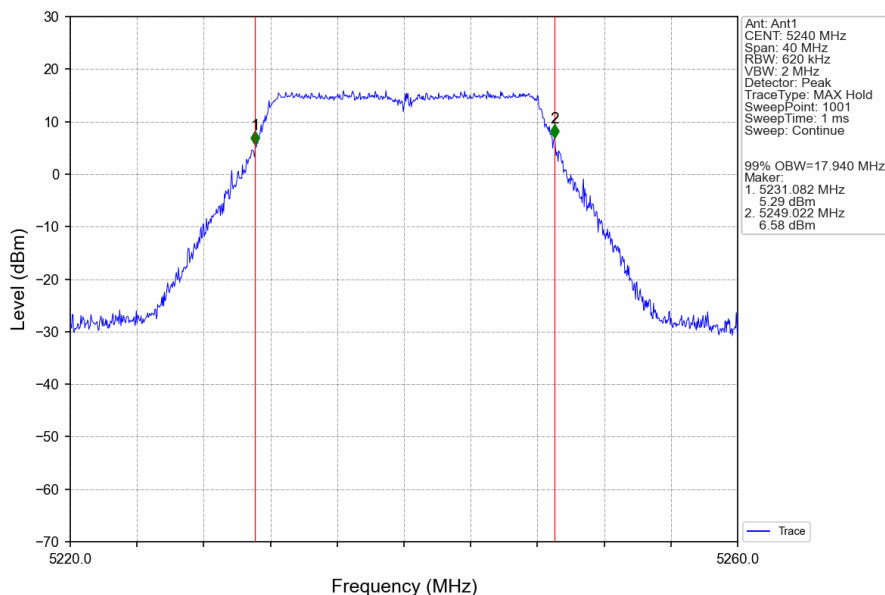
802.11a_MCH_5200MHz_Ant1_NTNV



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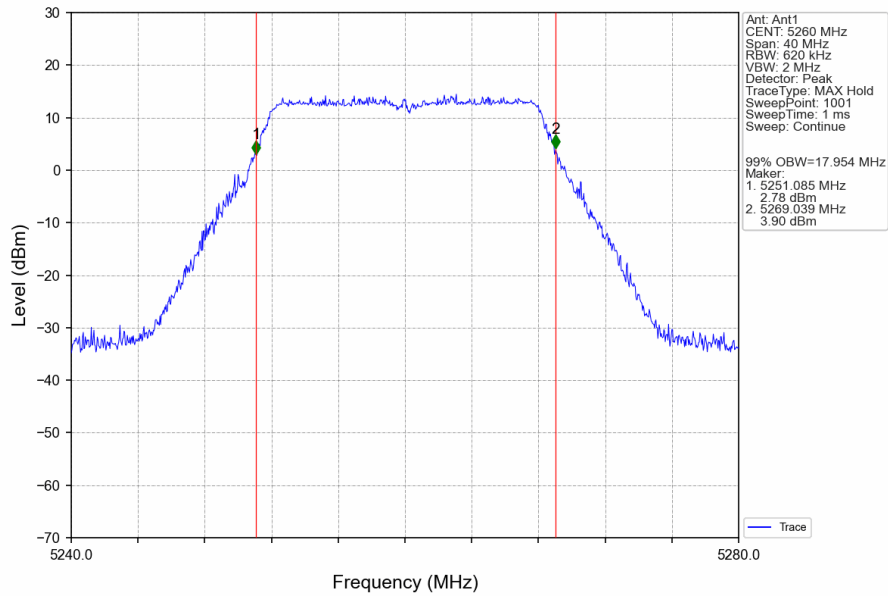
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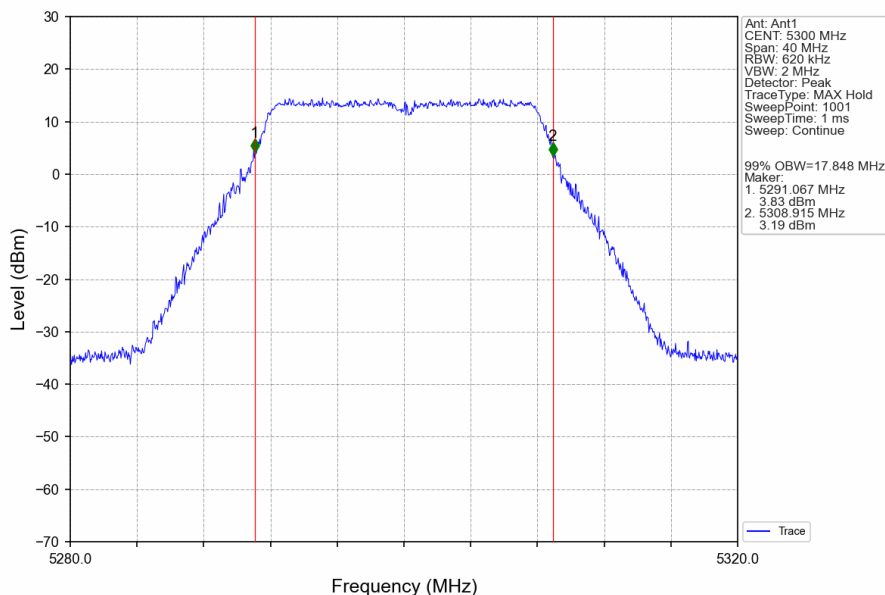
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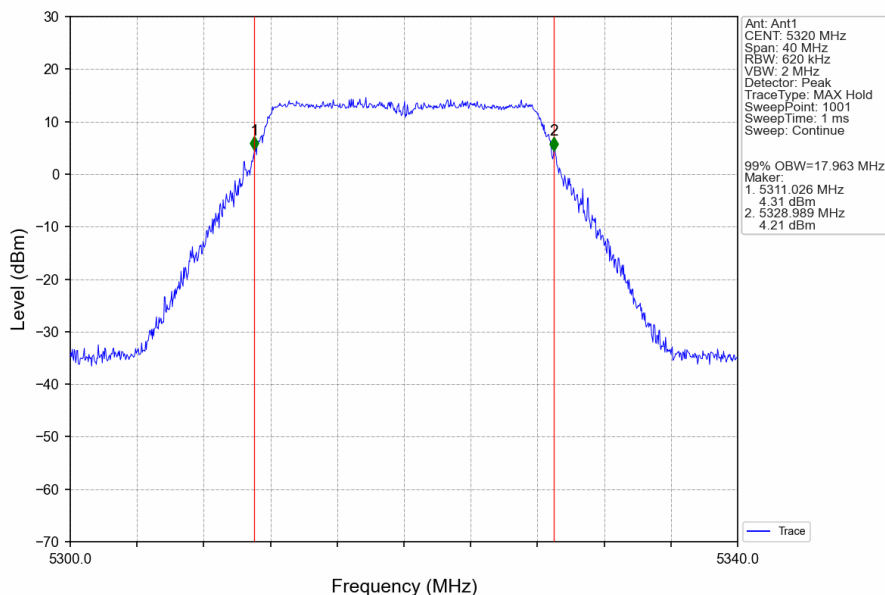
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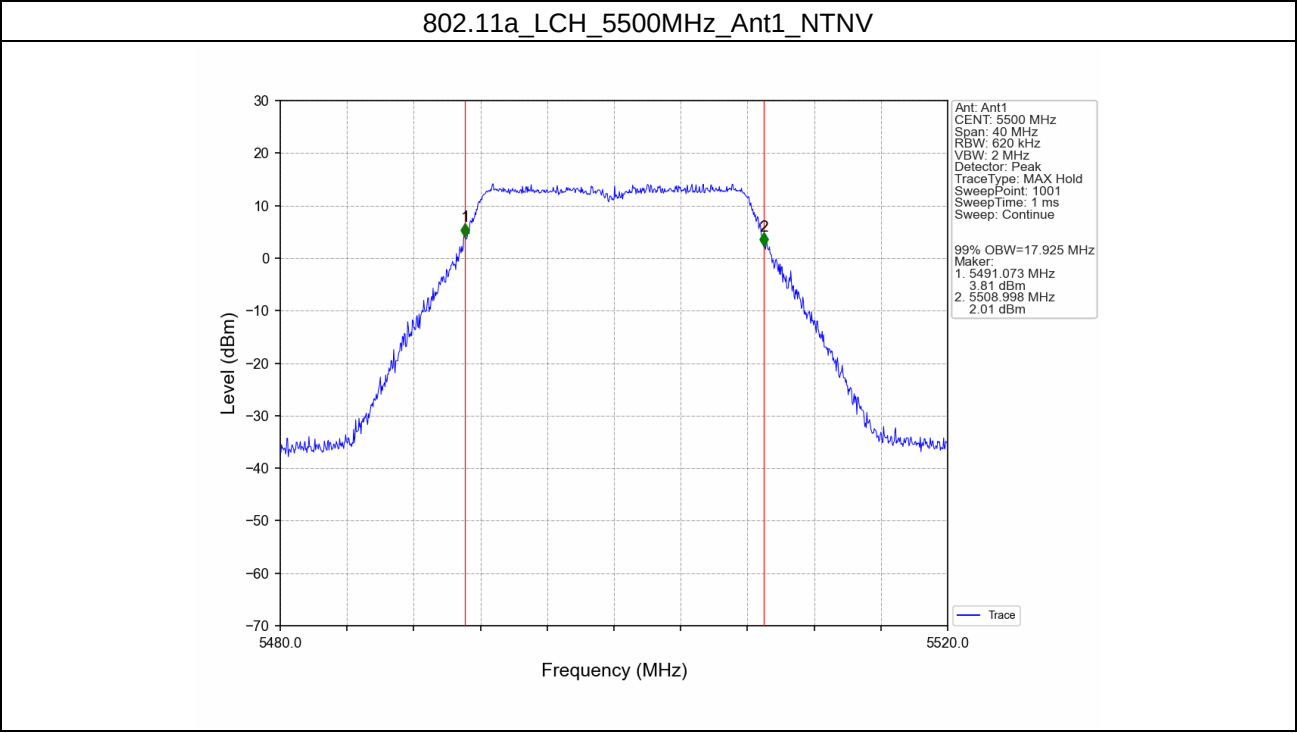
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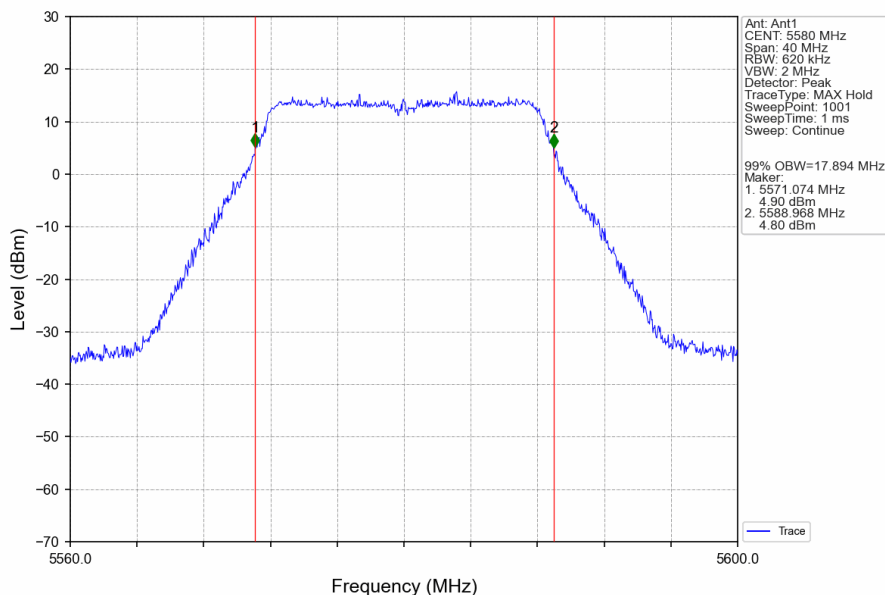
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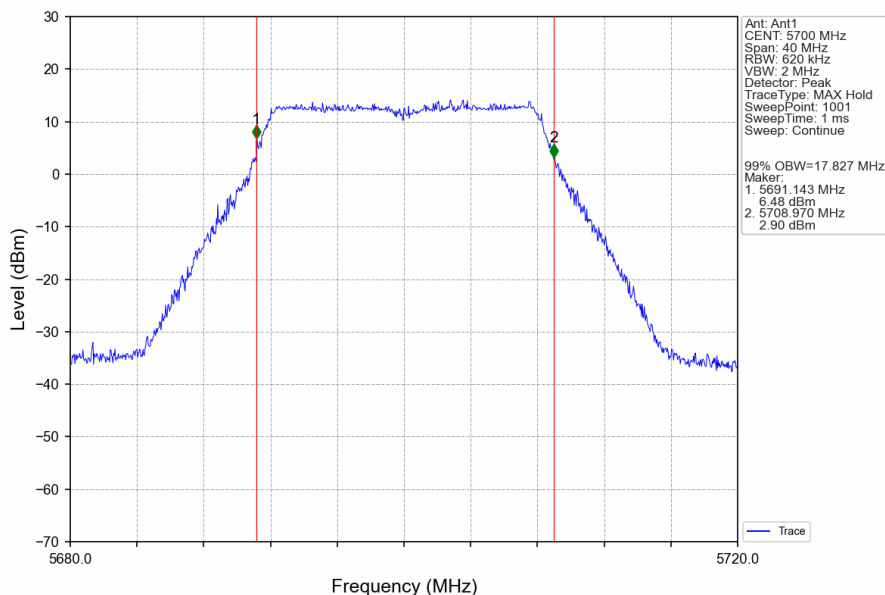
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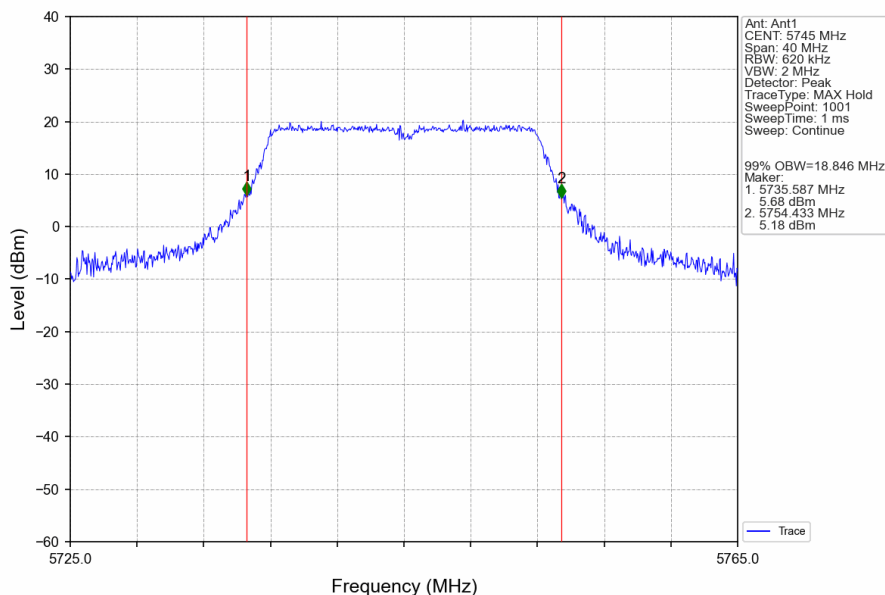
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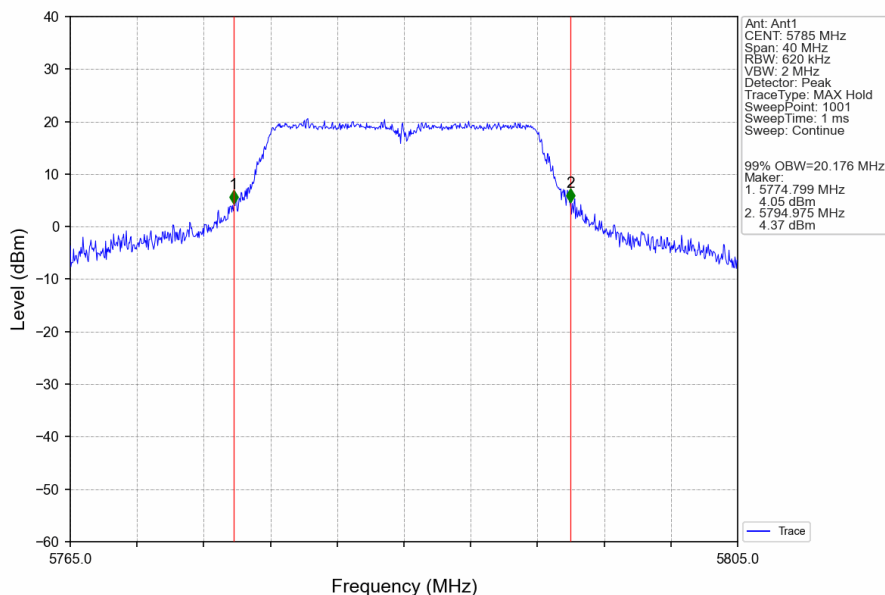
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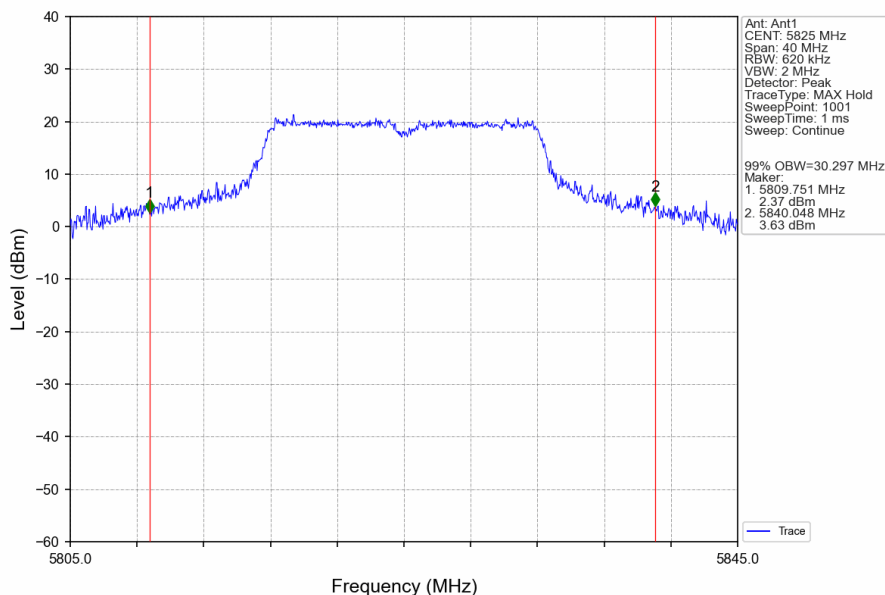
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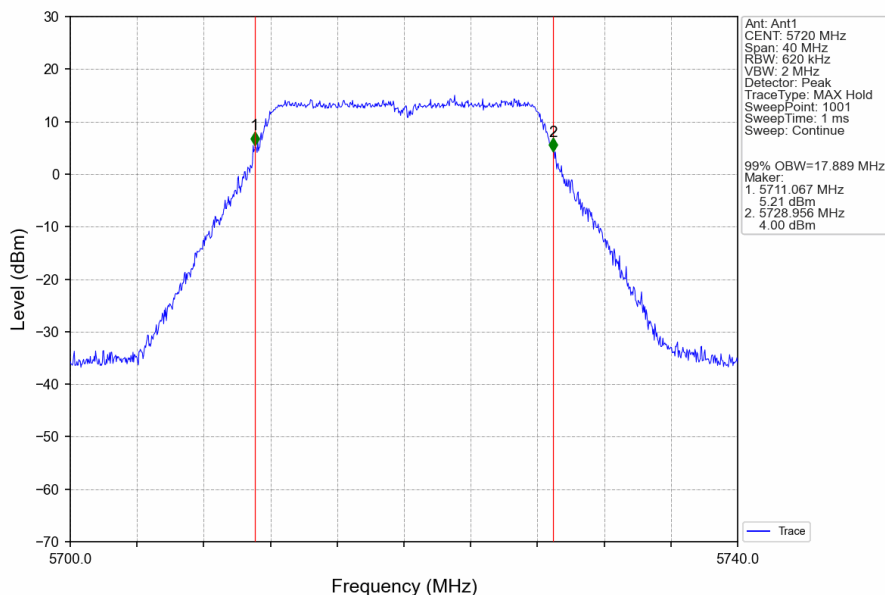
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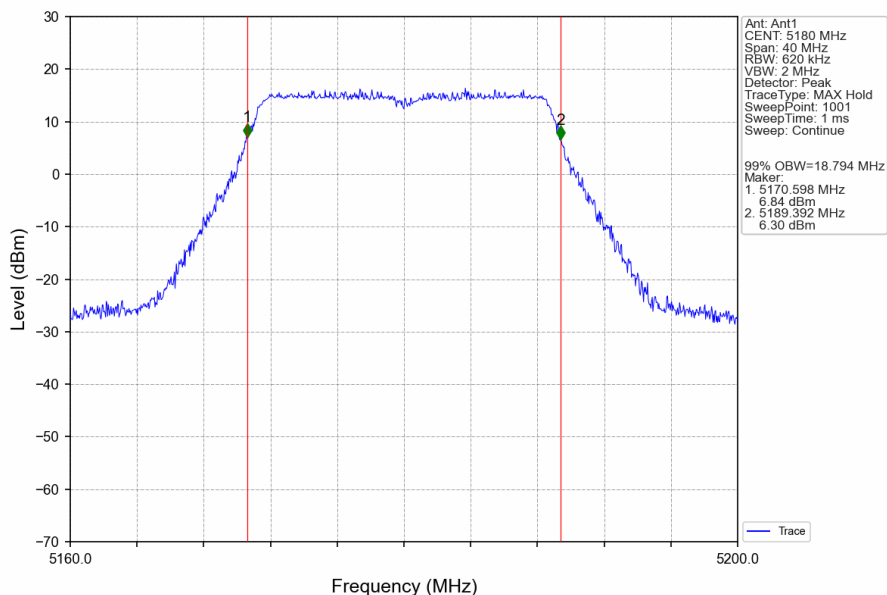
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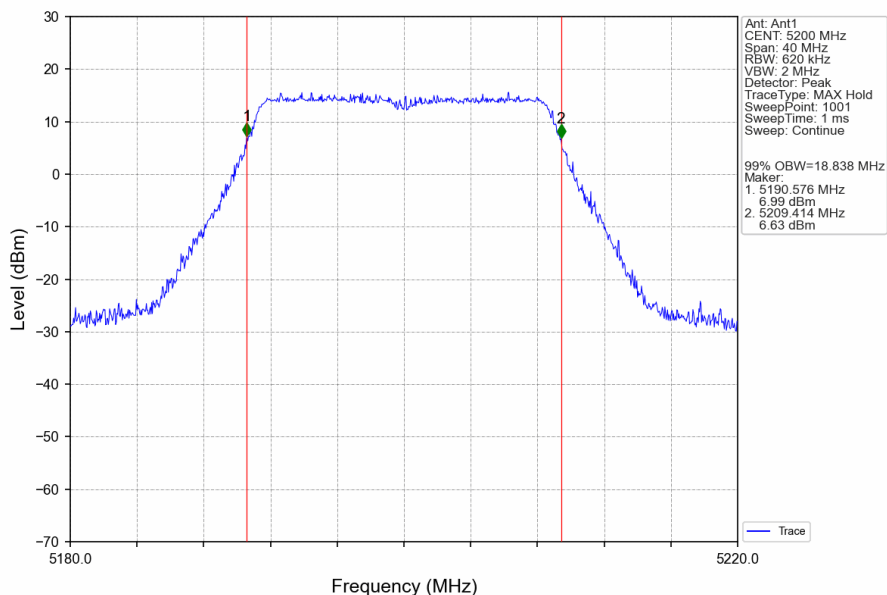
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



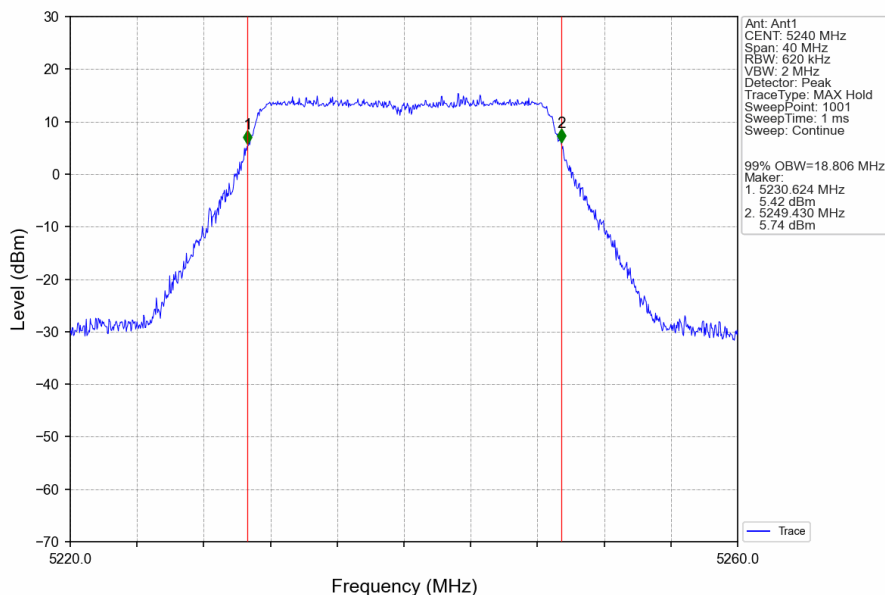
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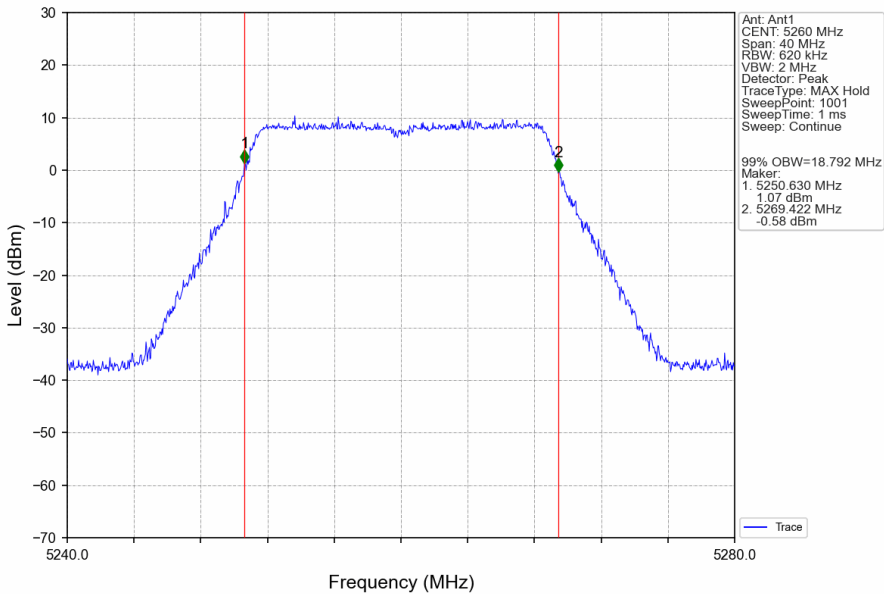
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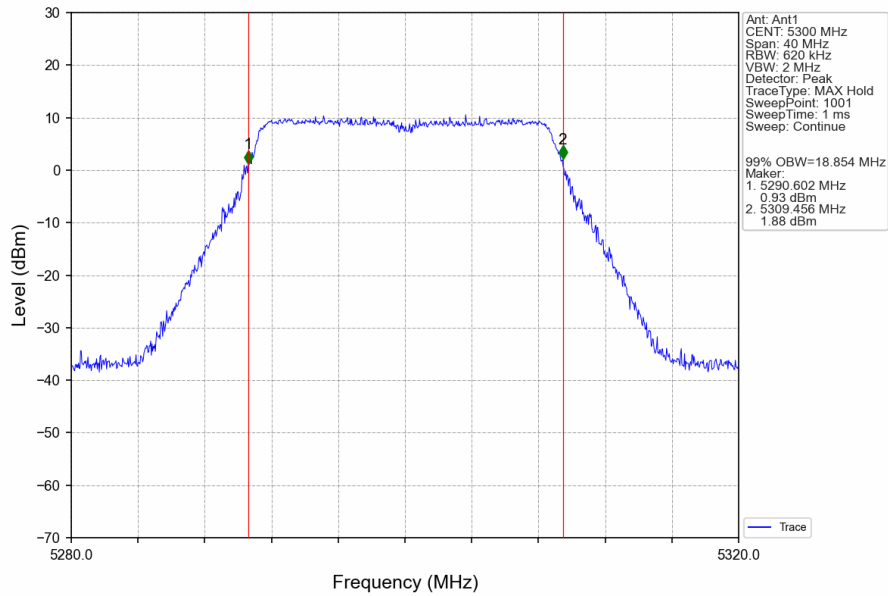
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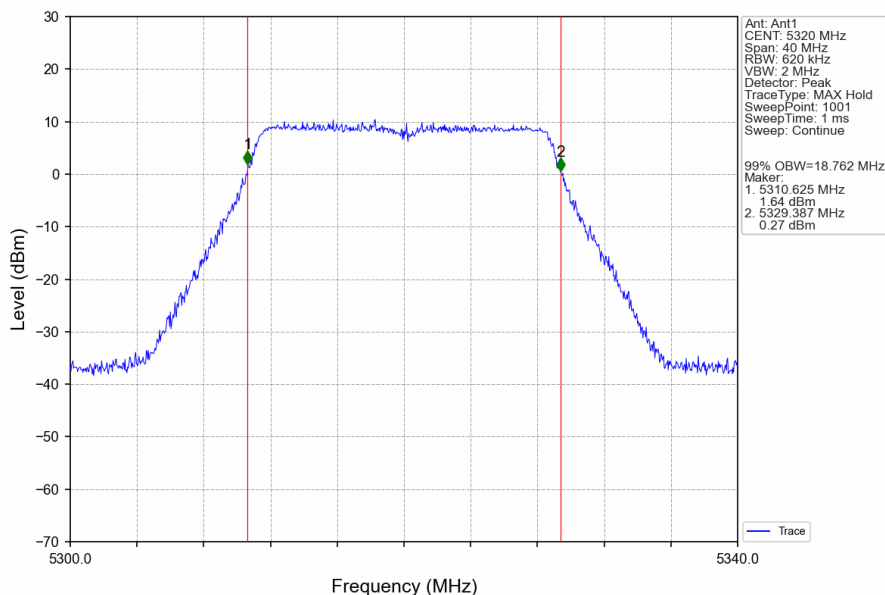
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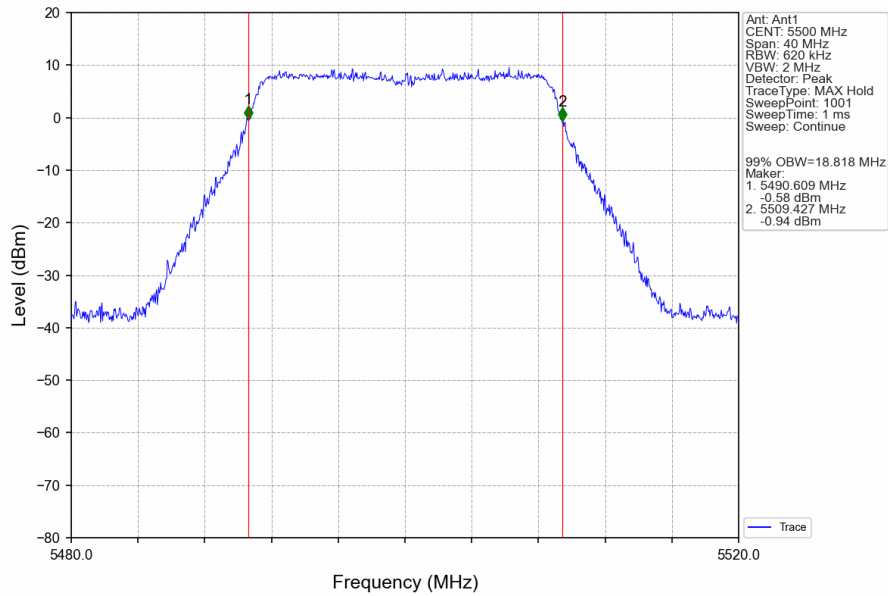
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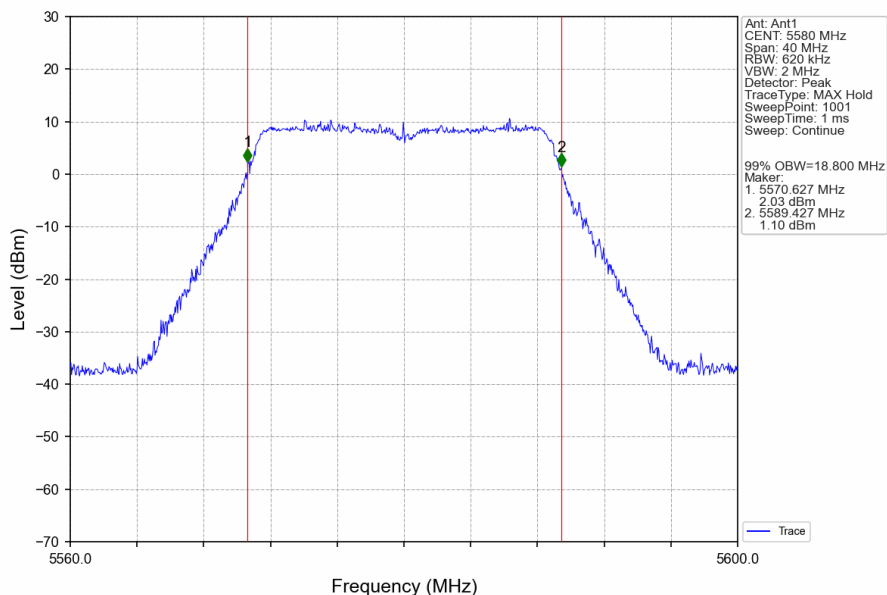
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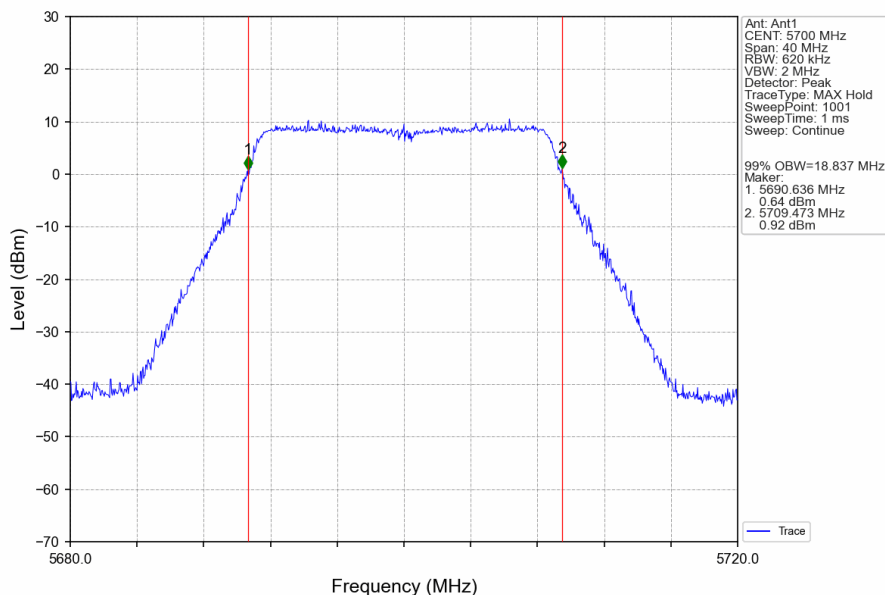
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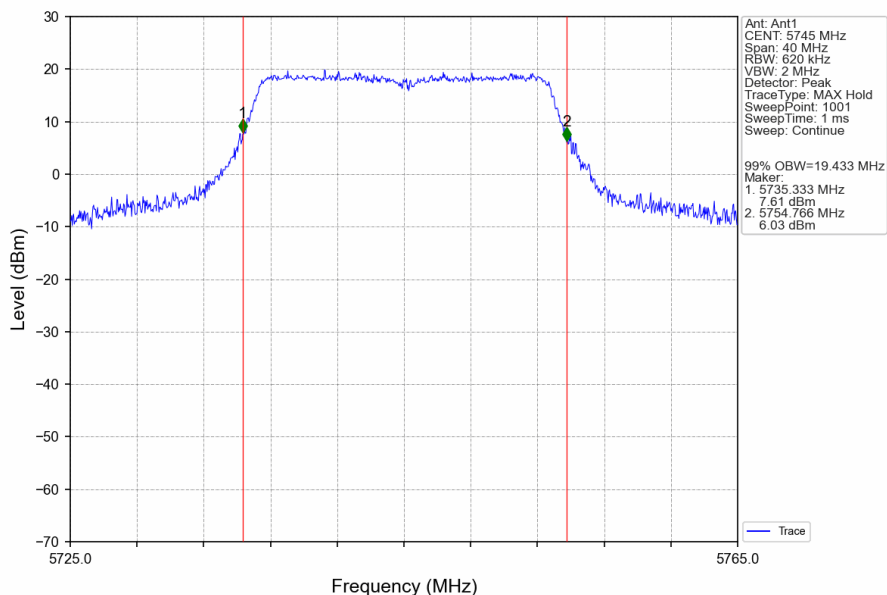
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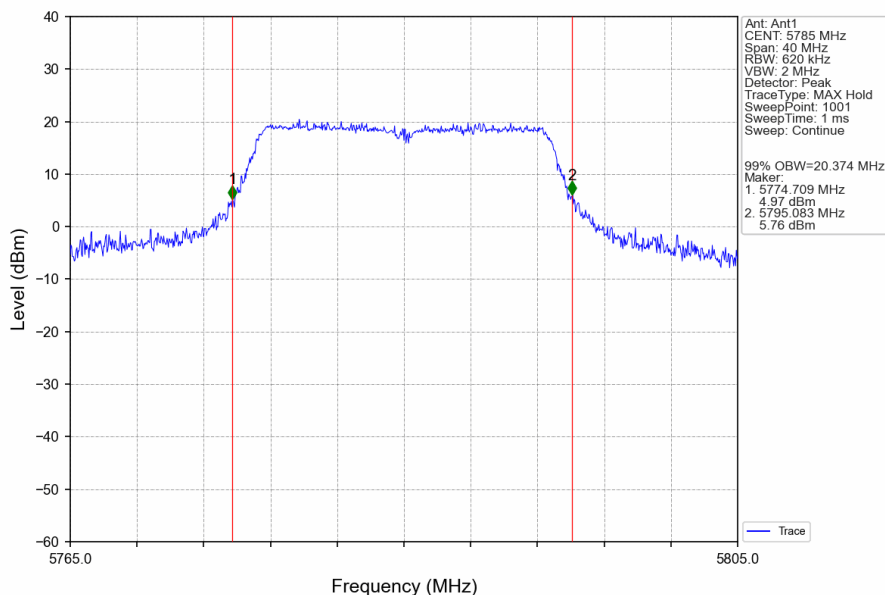
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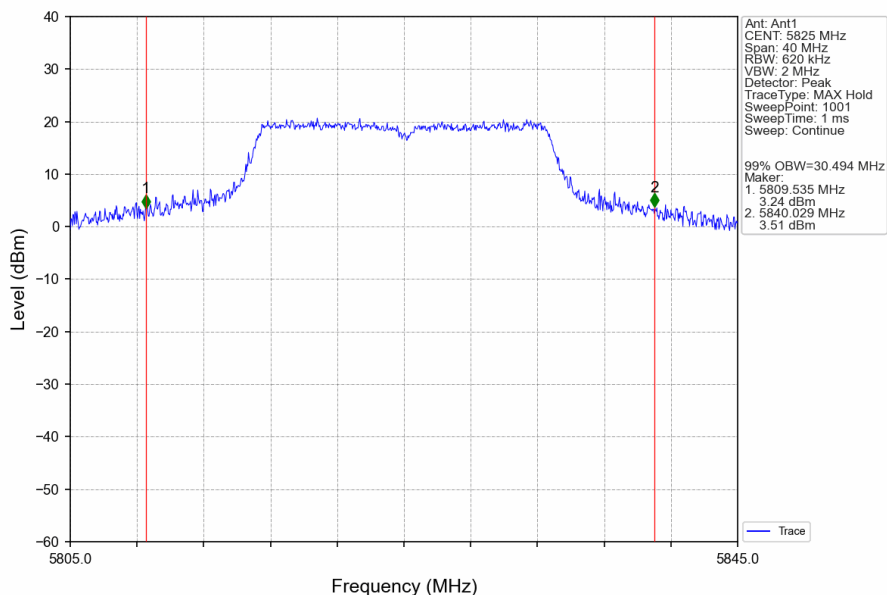
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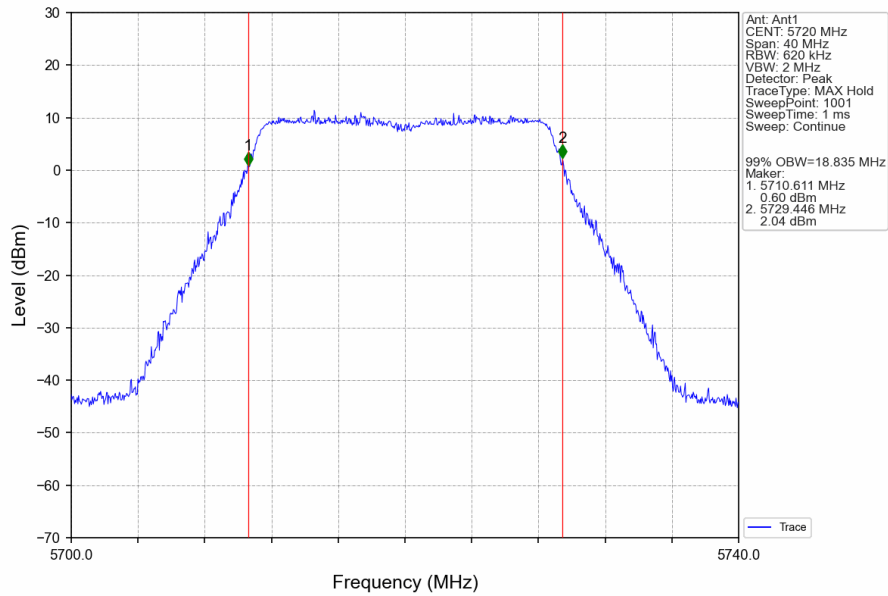
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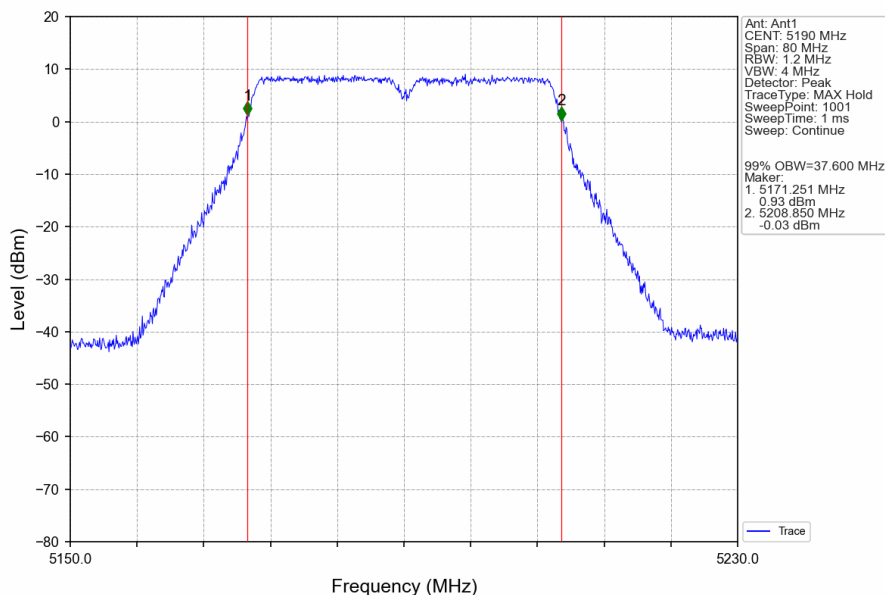
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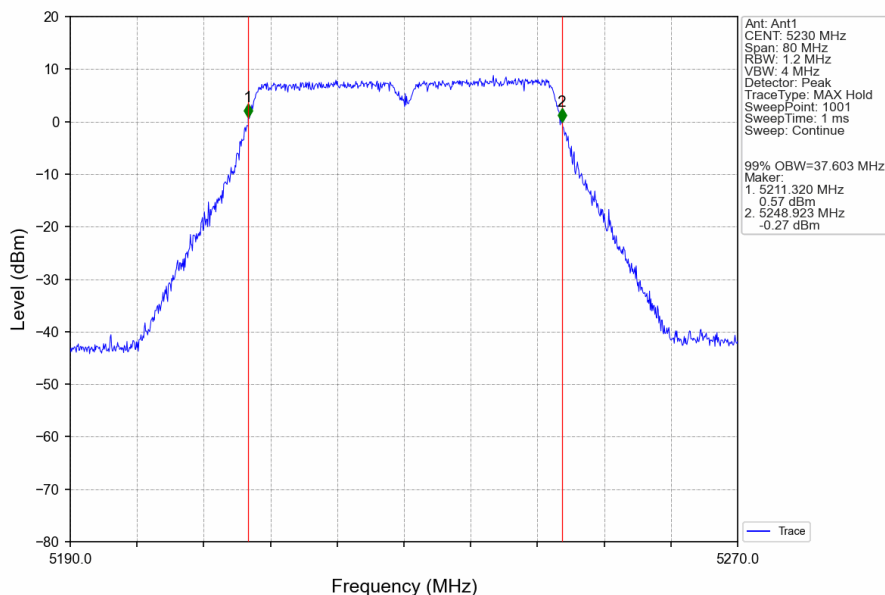
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802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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