

10 Appendix for 15.407

1. Duty Cycle

1.1 Test Result

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	2.026	2.136	94.85	0.23
	5200	SISO	1	2.027	2.128	95.25	0.21
	5240	SISO	1	2.029	2.128	95.35	0.21
	5260	SISO	1	2.063	2.158	95.60	0.20
	5300	SISO	1	2.064	2.158	95.64	0.19
	5320	SISO	1	2.063	2.158	95.60	0.20
	5500	SISO	1	2.026	2.121	95.52	0.20
	5580	SISO	1	2.026	2.121	95.52	0.20
	5700	SISO	1	2.027	2.123	95.48	0.20
	5745	SISO	1	2.026	2.125	95.34	0.21
	5785	SISO	1	2.026	2.121	95.52	0.20
	5825	SISO	1	2.026	2.123	95.43	0.20
802.11n(HT20)	5180	MIMO	1	1.886	1.990	94.77	0.23
	5200	MIMO	1	1.858	1.961	94.75	0.23
	5240	MIMO	1	1.888	1.992	94.78	0.23
	5260	MIMO	1	1.894	1.986	95.37	0.21
	5300	MIMO	1	1.892	1.984	95.36	0.21
	5320	MIMO	1	1.894	1.986	95.37	0.21
	5500	MIMO	1	1.857	1.956	94.94	0.23
	5580	MIMO	1	1.859	1.957	94.99	0.22
	5700	MIMO	1	1.857	1.955	94.99	0.22
	5745	MIMO	1	1.888	1.992	94.78	0.23
	5785	MIMO	1	1.856	1.955	94.94	0.23
	5825	MIMO	1	1.859	1.958	94.94	0.23
802.11n(HT40)	5190	MIMO	1	0.919	1.016	90.45	0.44
	5230	MIMO	1	0.921	1.016	90.65	0.43
	5270	MIMO	1	0.919	1.016	90.45	0.44
	5310	MIMO	1	0.920	1.011	91.00	0.41
	5510	MIMO	1	0.919	1.011	90.90	0.41
	5550	MIMO	1	0.919	1.010	90.99	0.41
	5670	MIMO	1	0.920	1.012	90.91	0.41

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	5755	MIMO	1	0.920	1.010	91.09	0.41
	5795	MIMO	1	0.920	1.011	91.00	0.41
802.11ac(VHT20)	5180	MIMO	1	1.900	1.999	95.05	0.22
	5200	MIMO	1	1.901	1.999	95.10	0.22
	5240	MIMO	1	1.901	1.993	95.38	0.21
	5260	MIMO	1	1.903	1.995	95.39	0.20
	5300	MIMO	1	1.901	1.993	95.38	0.21
	5320	MIMO	1	1.901	1.993	95.38	0.21
	5500	MIMO	1	1.900	1.995	95.24	0.21
	5580	MIMO	1	1.901	1.995	95.29	0.21
	5700	MIMO	1	1.900	1.995	95.24	0.21
	5745	MIMO	1	1.900	1.995	95.24	0.21
	5785	MIMO	1	1.901	1.995	95.29	0.21
	5825	MIMO	1	1.903	1.996	95.34	0.21
802.11ac(VHT40)	5190	MIMO	1	0.924	1.020	90.59	0.43
	5230	MIMO	1	0.924	1.019	90.68	0.42
	5270	MIMO	1	0.924	1.015	91.03	0.41
	5310	MIMO	1	0.924	1.015	91.03	0.41
	5510	MIMO	1	0.924	1.015	91.03	0.41
	5550	MIMO	1	0.923	1.015	90.94	0.41
	5670	MIMO	1	0.924	1.015	91.03	0.41
	5755	MIMO	1	0.924	1.015	91.03	0.41
	5795	MIMO	1	0.924	1.016	90.94	0.41
802.11ac(VHT80)	5210	MIMO	1	0.464	0.561	82.71	0.82
	5290	MIMO	1	0.464	0.558	83.15	0.80
	5530	MIMO	1	0.464	0.553	83.91	0.76
	5610	MIMO	1	0.465	0.558	83.33	0.79
	5775	MIMO	1	0.464	0.553	83.91	0.76

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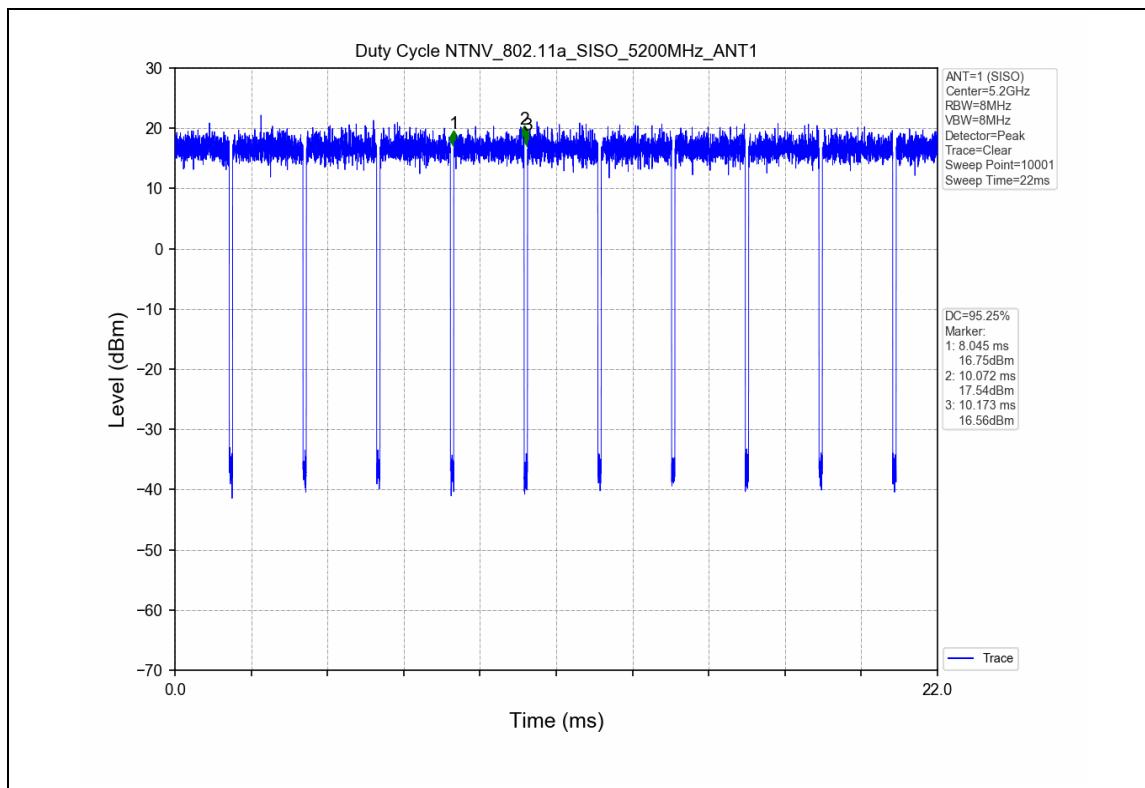
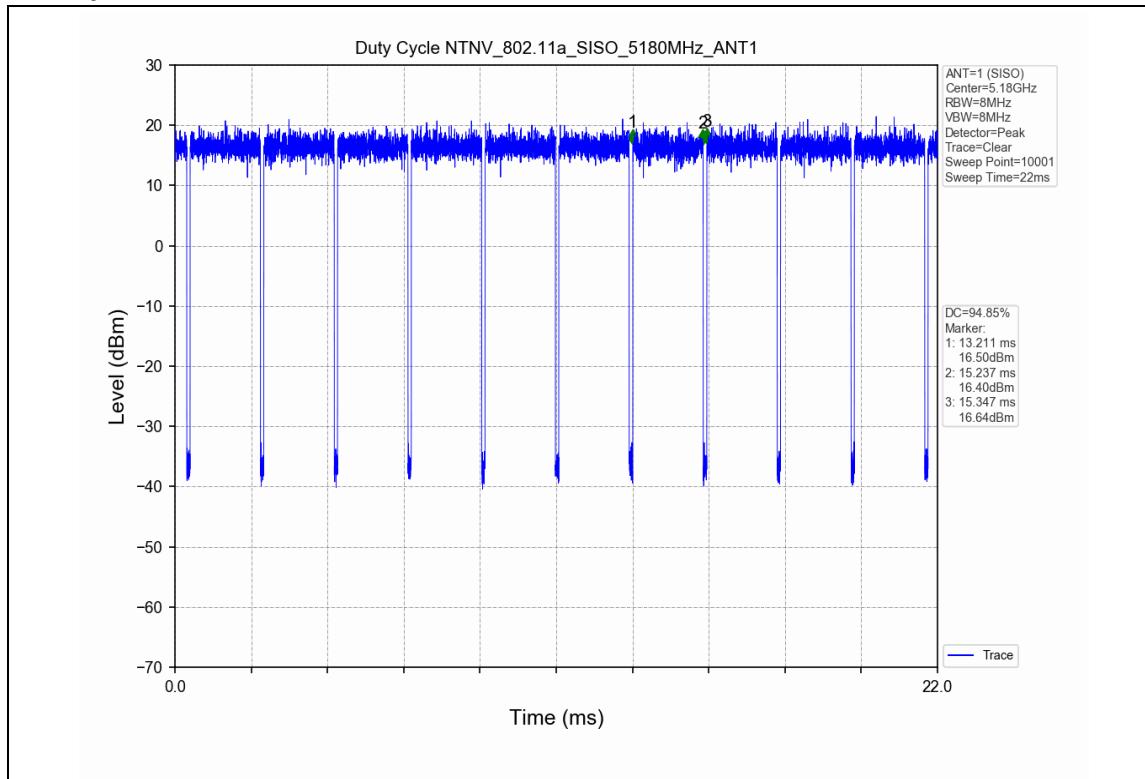
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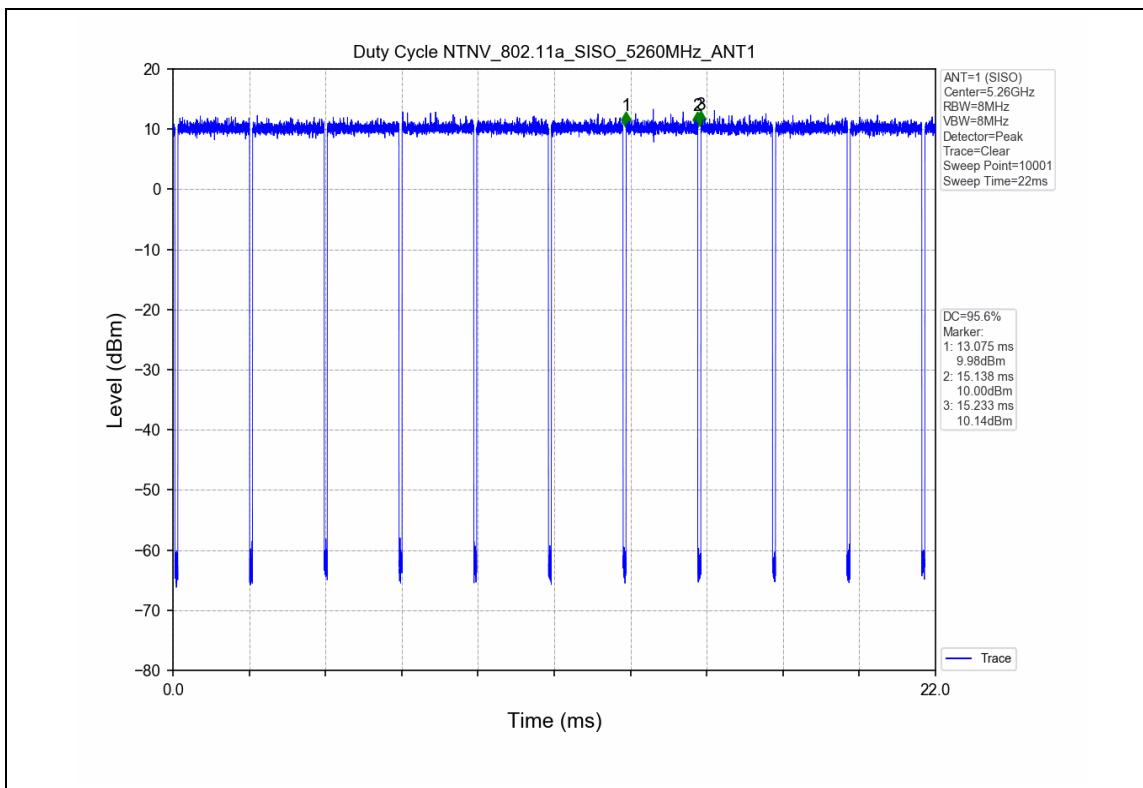
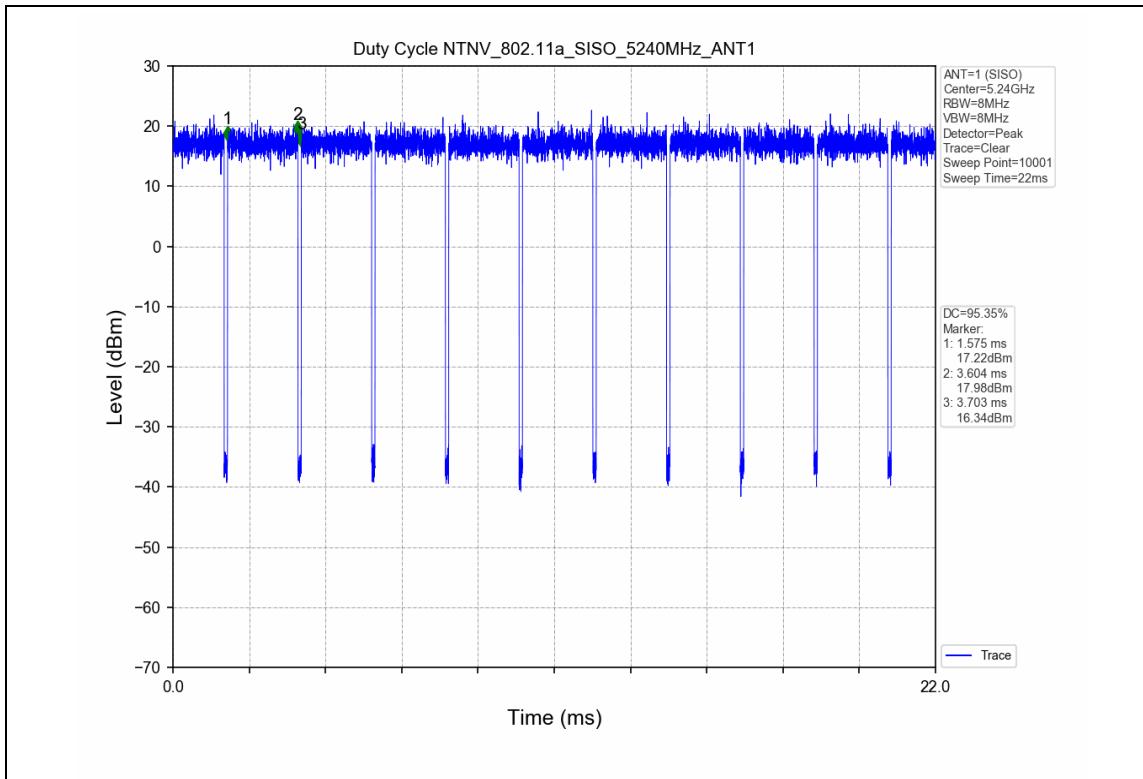
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1.2 Test Graph



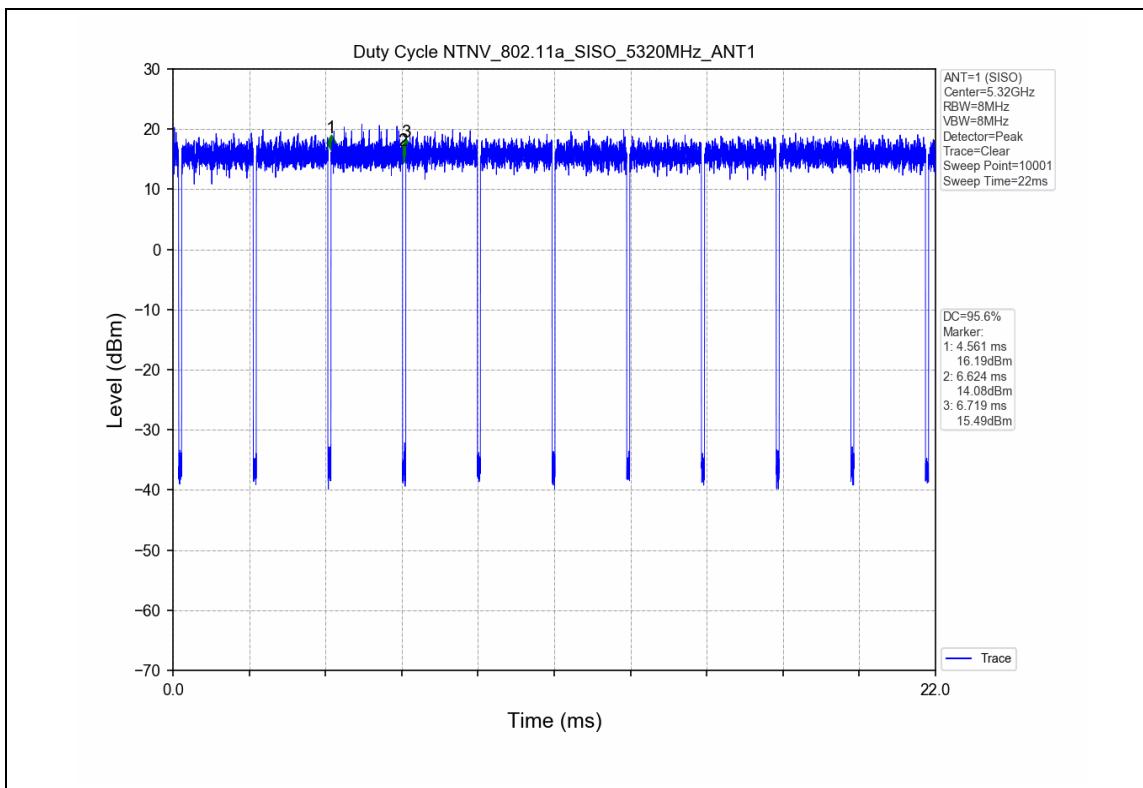
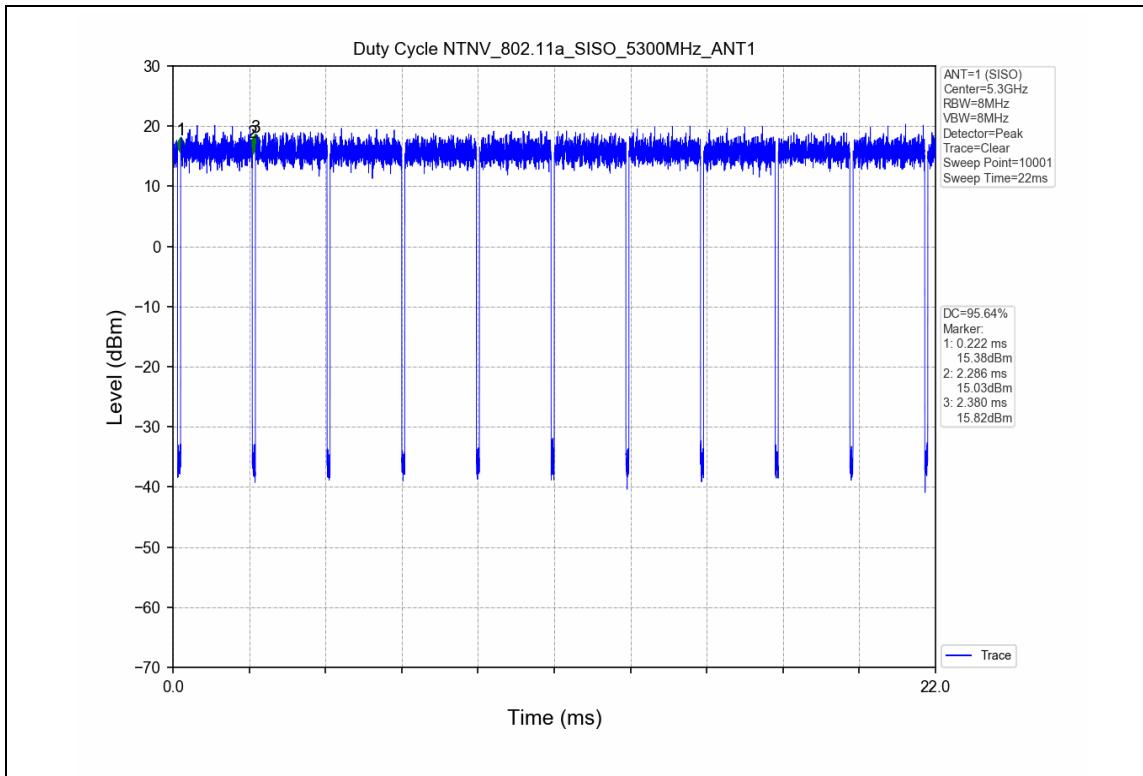
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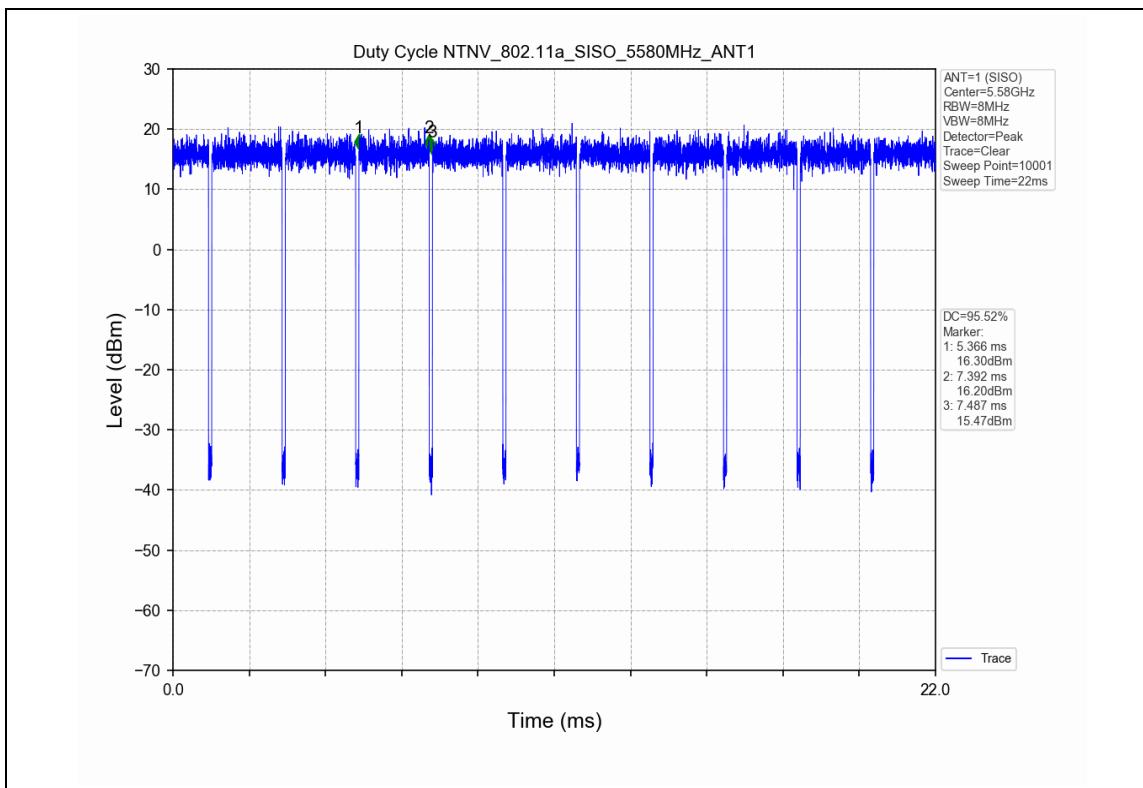
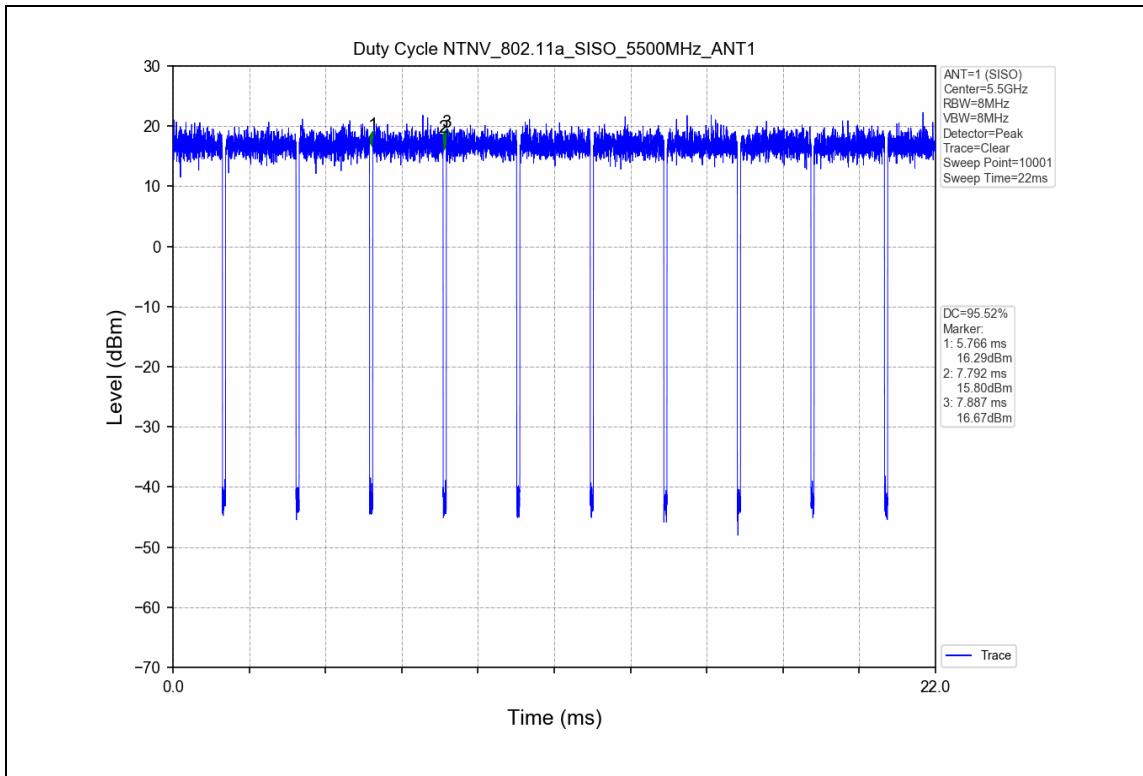
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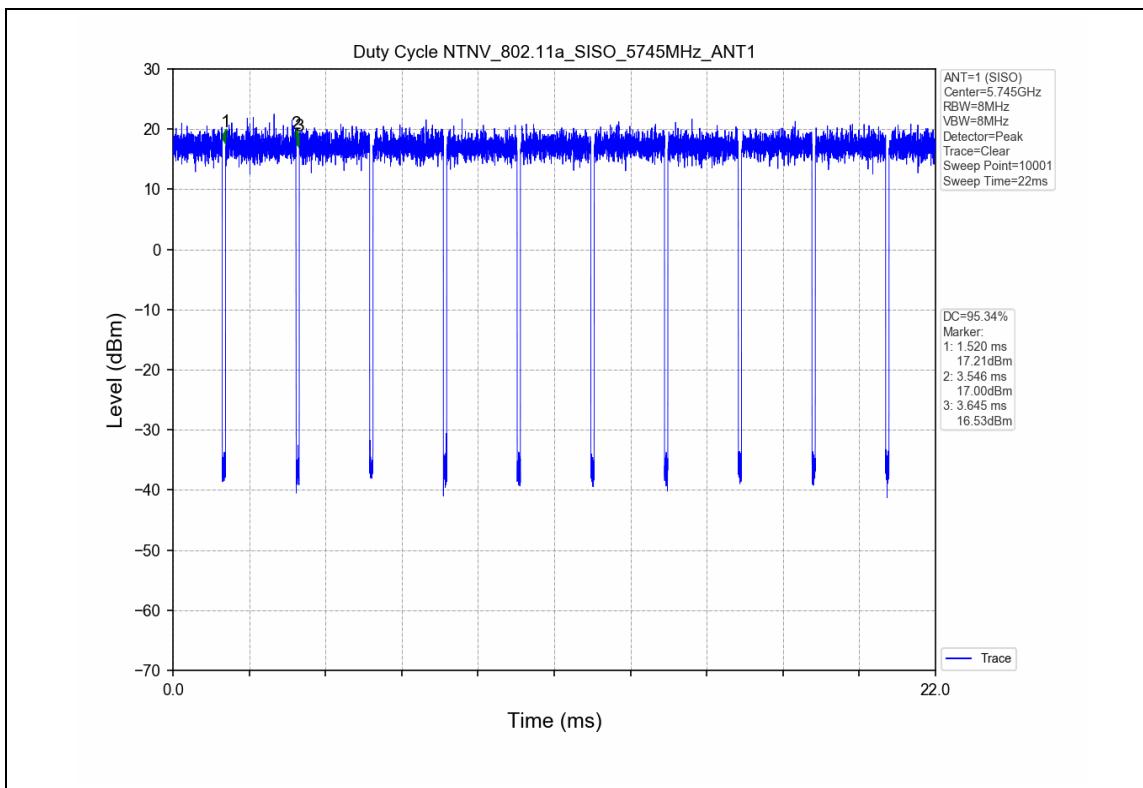
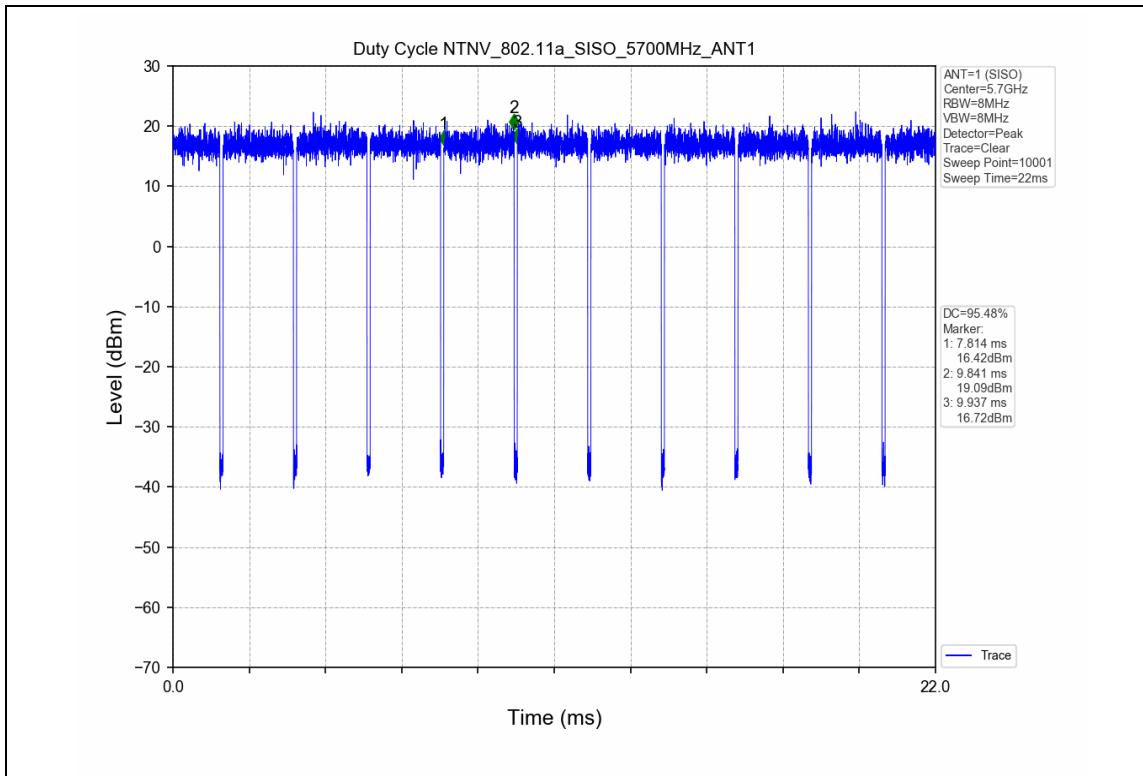
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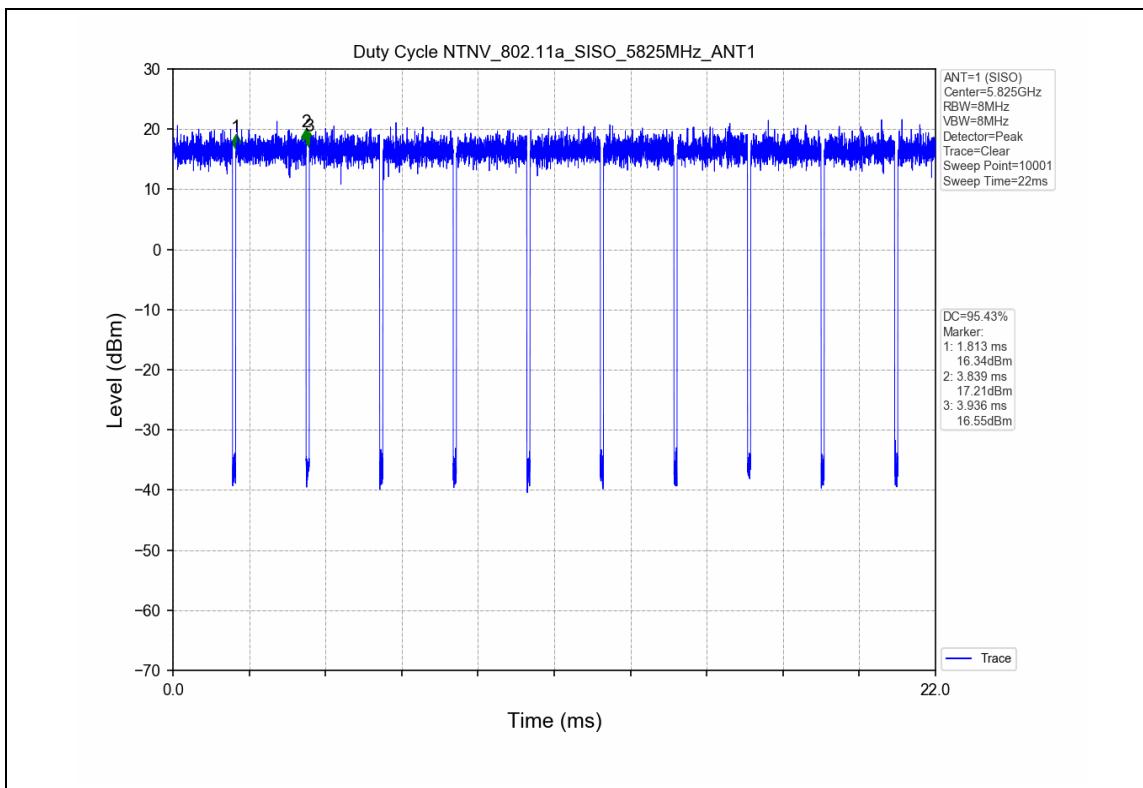
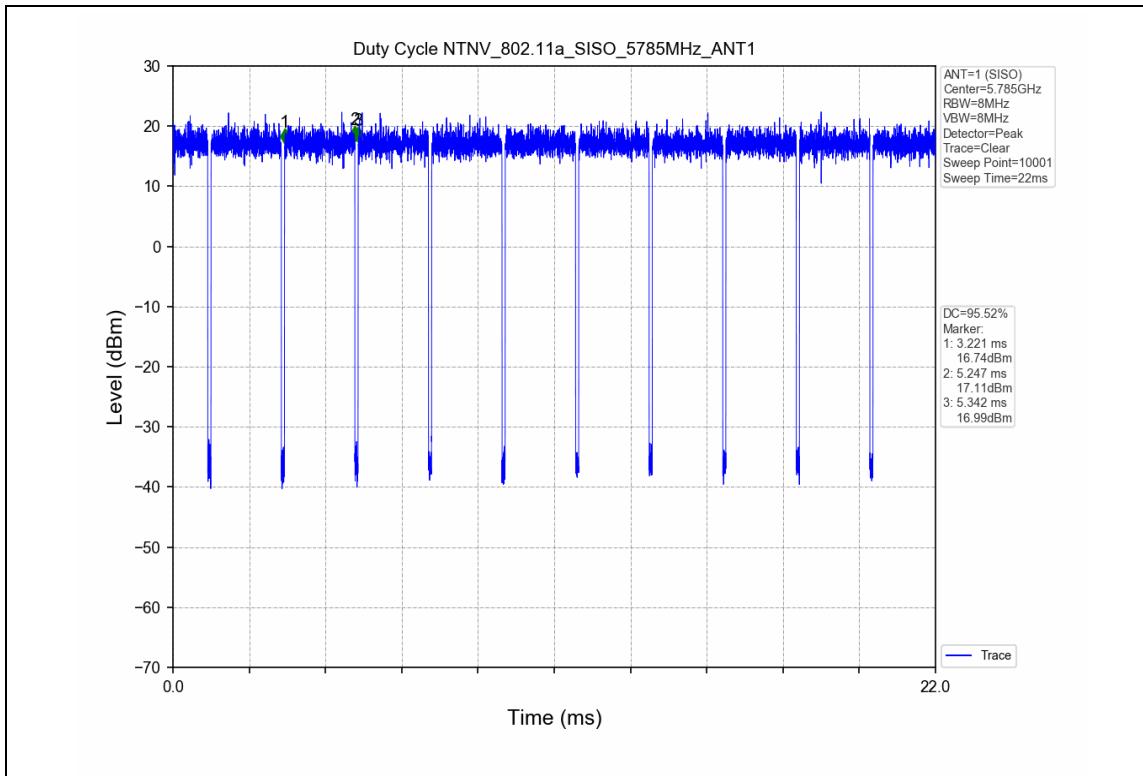
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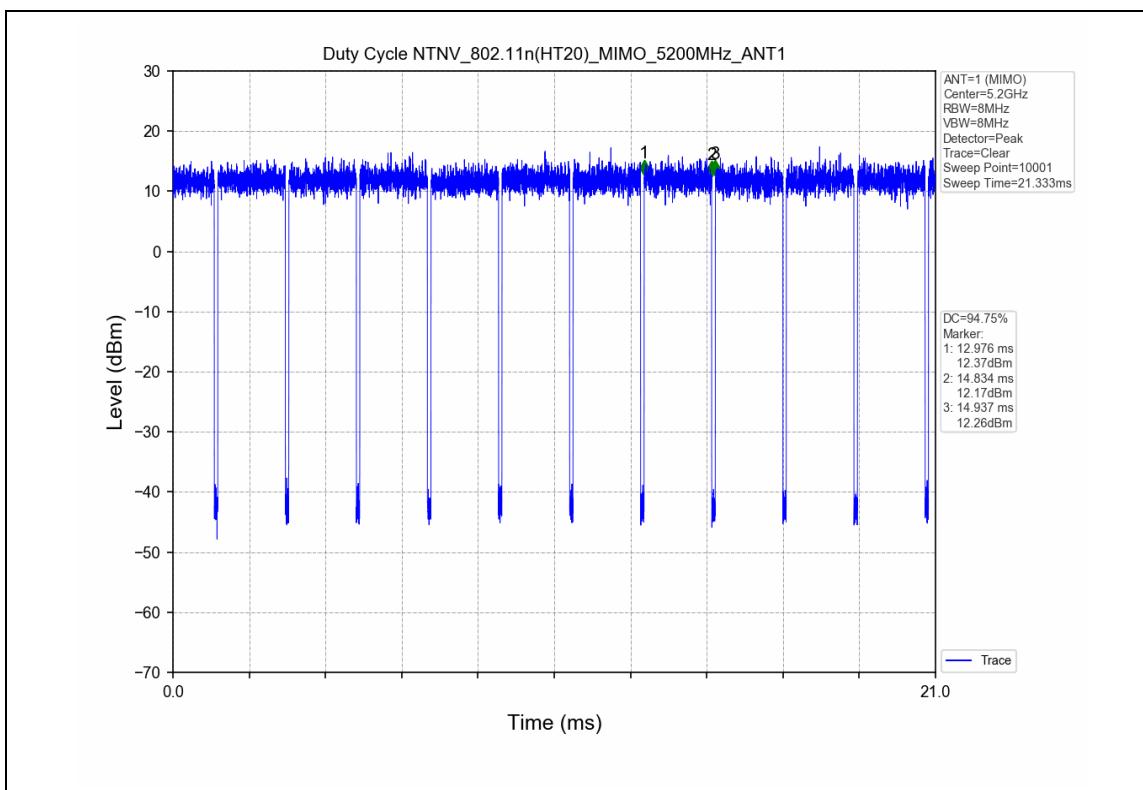
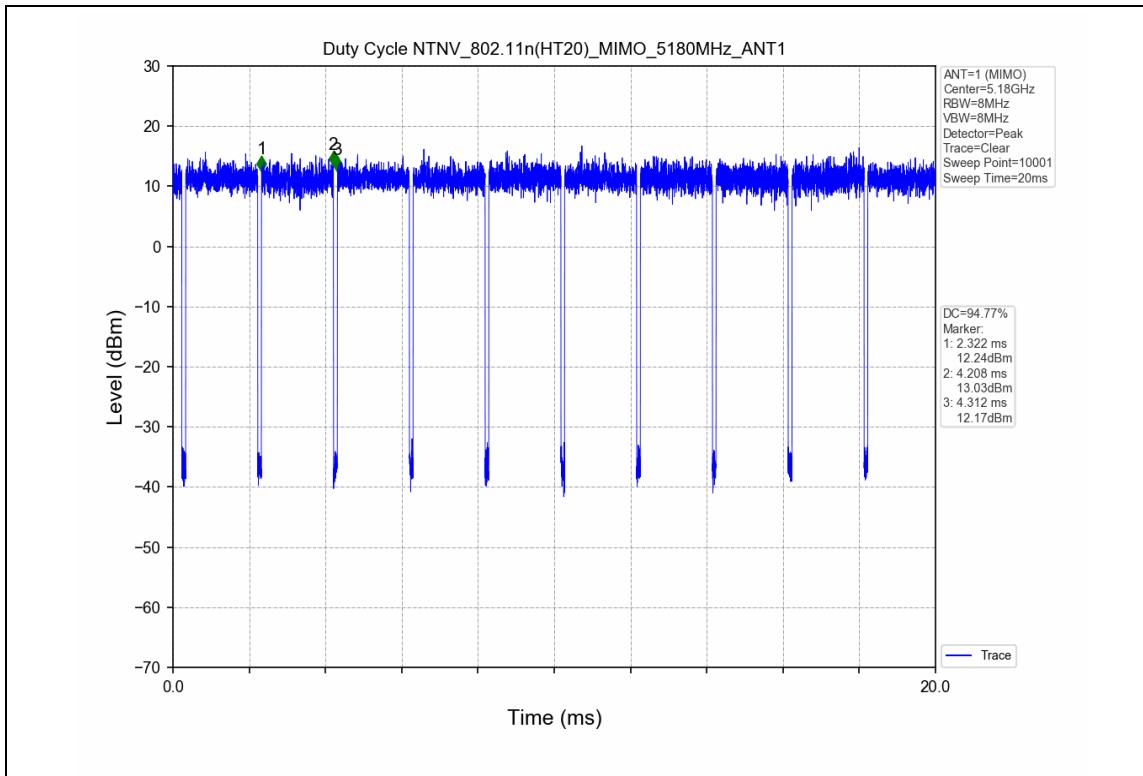
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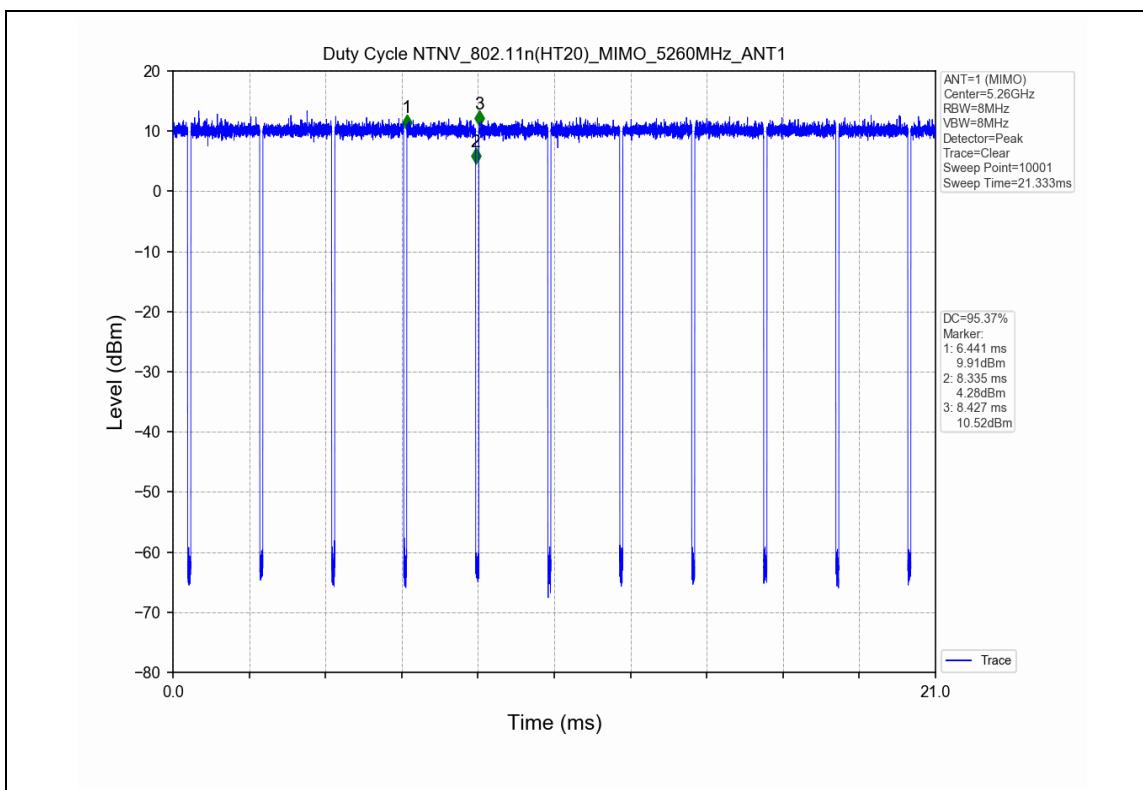
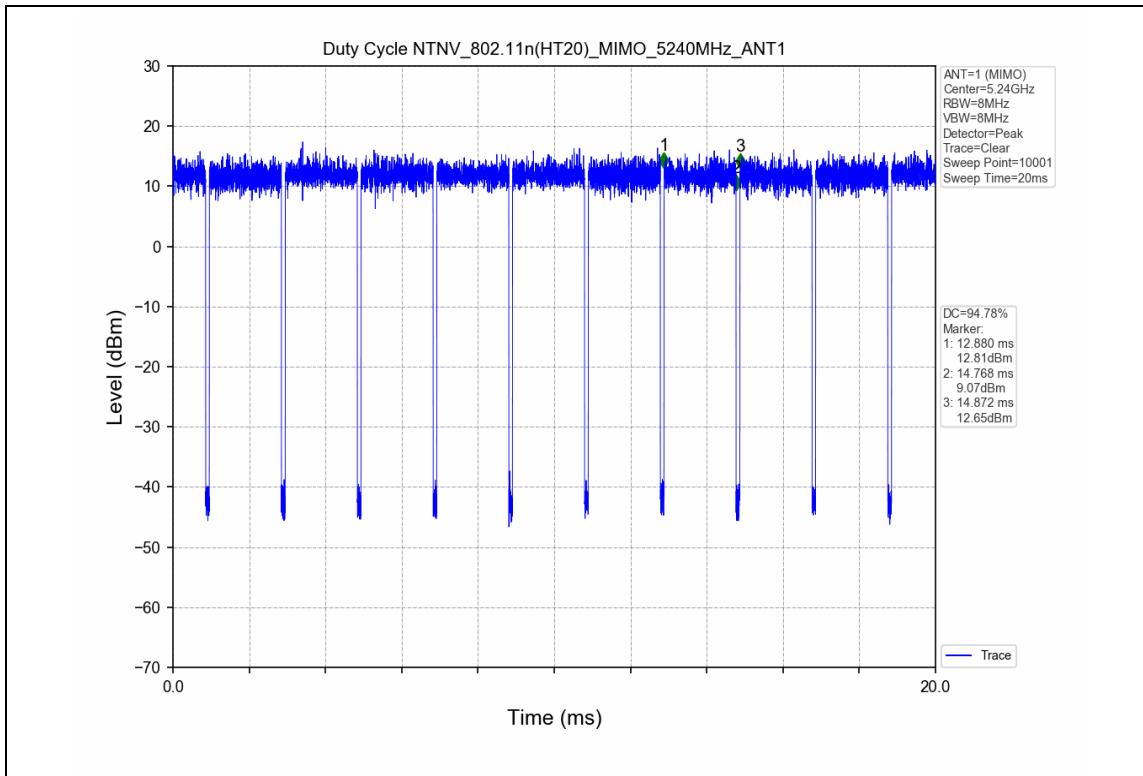
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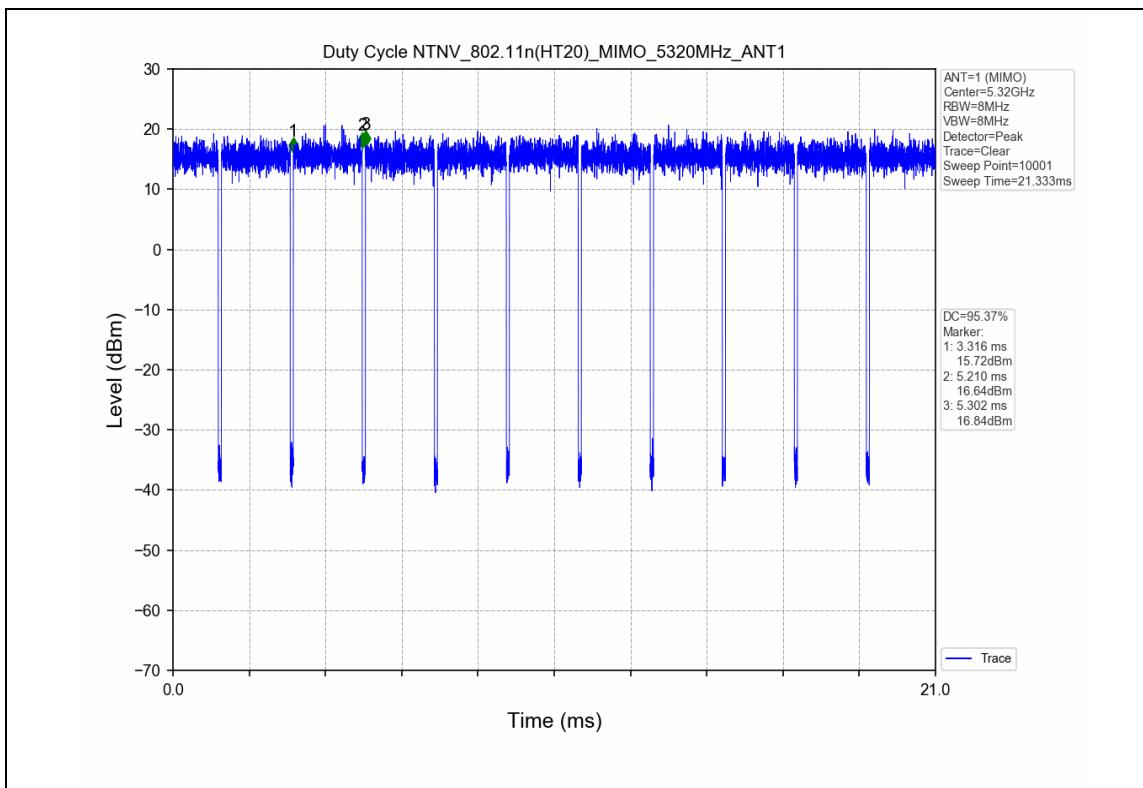
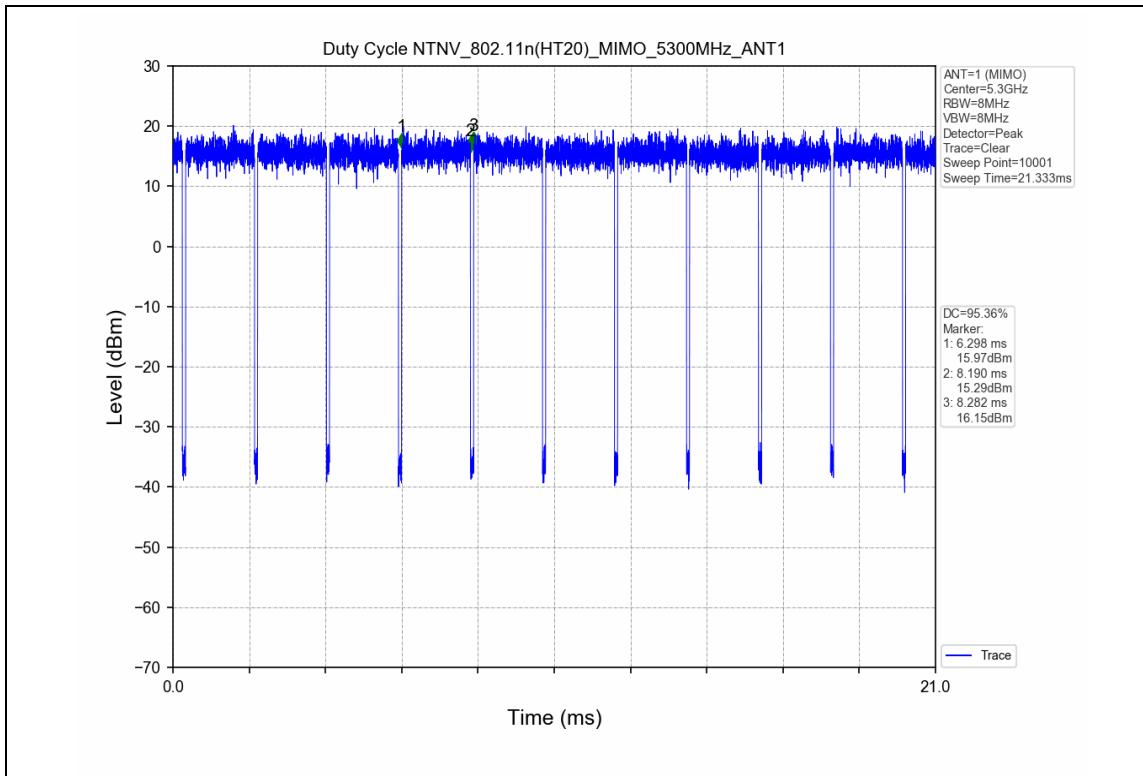
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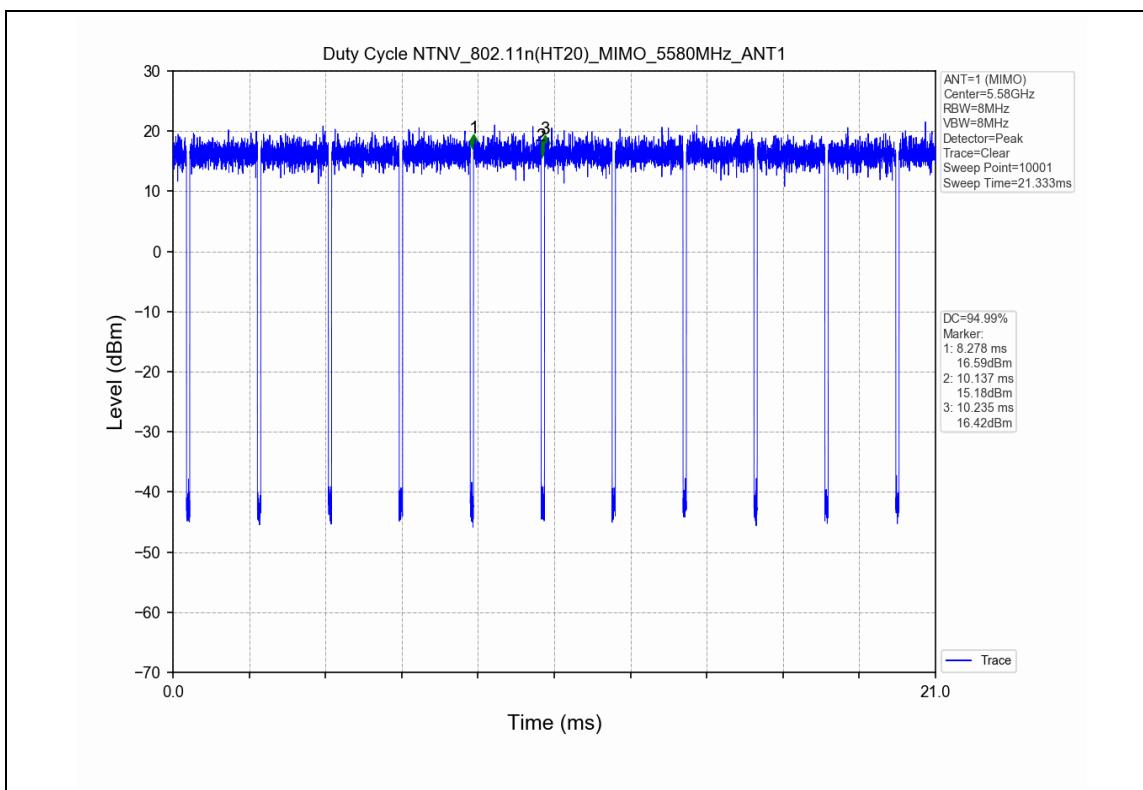
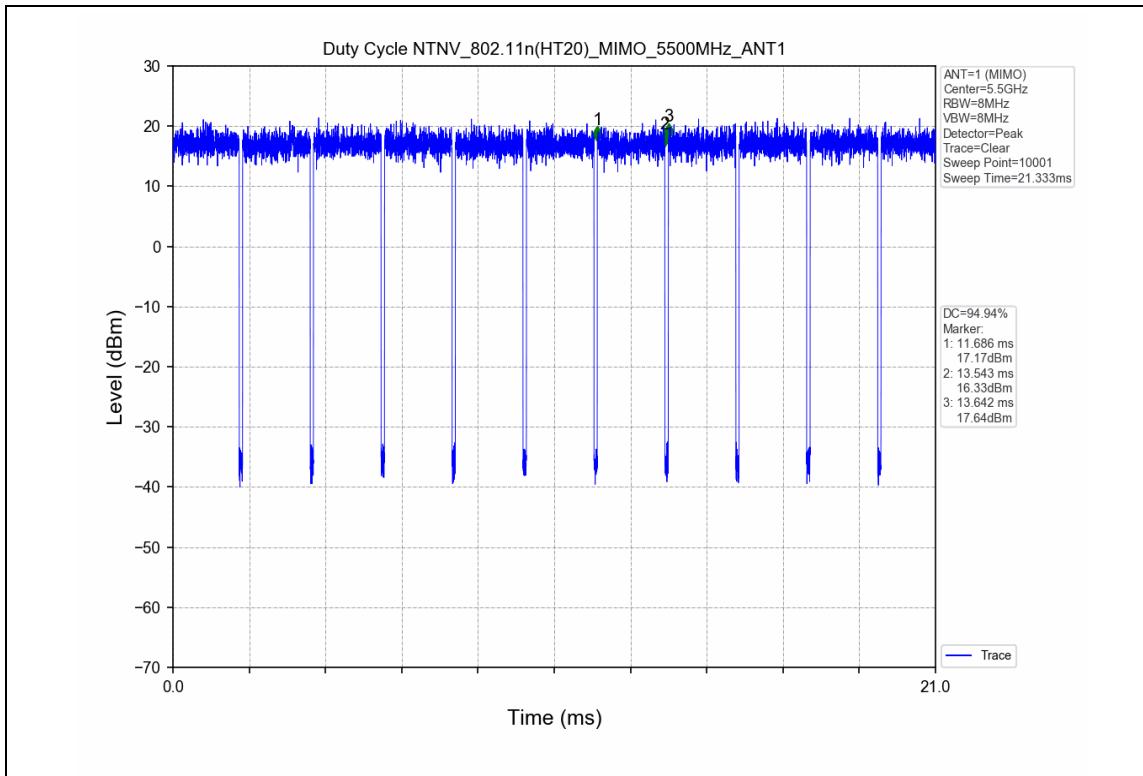
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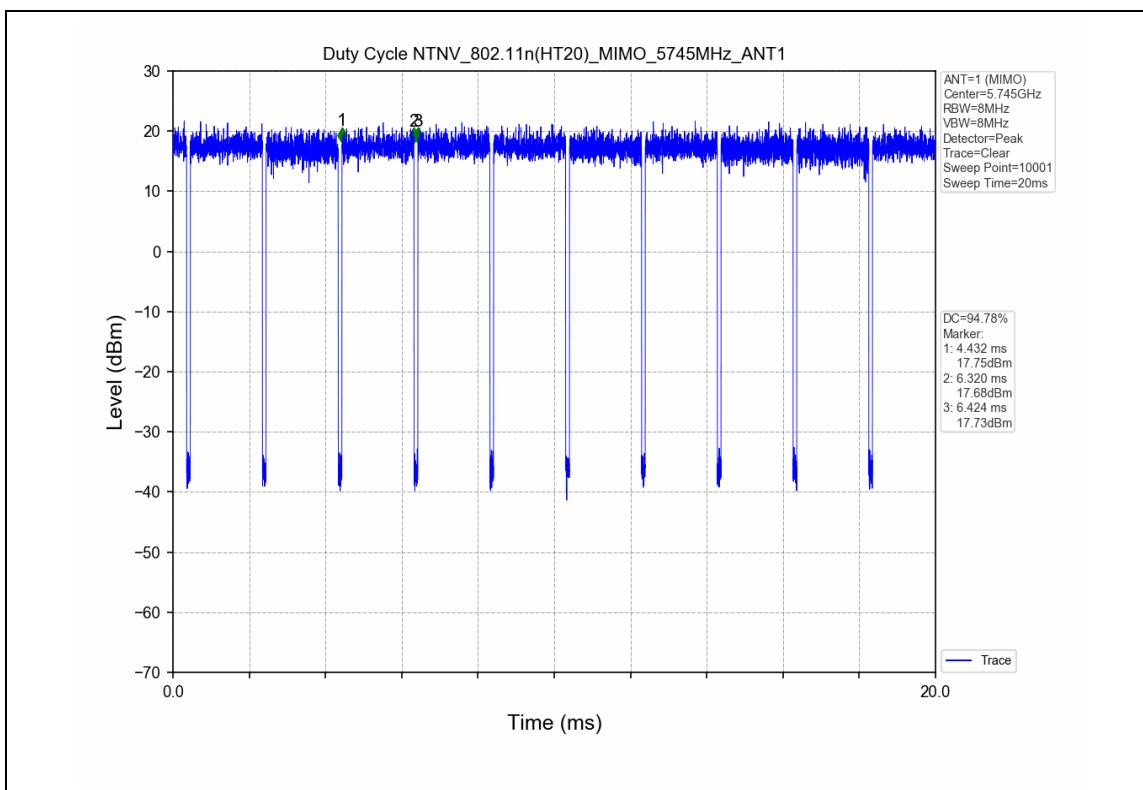
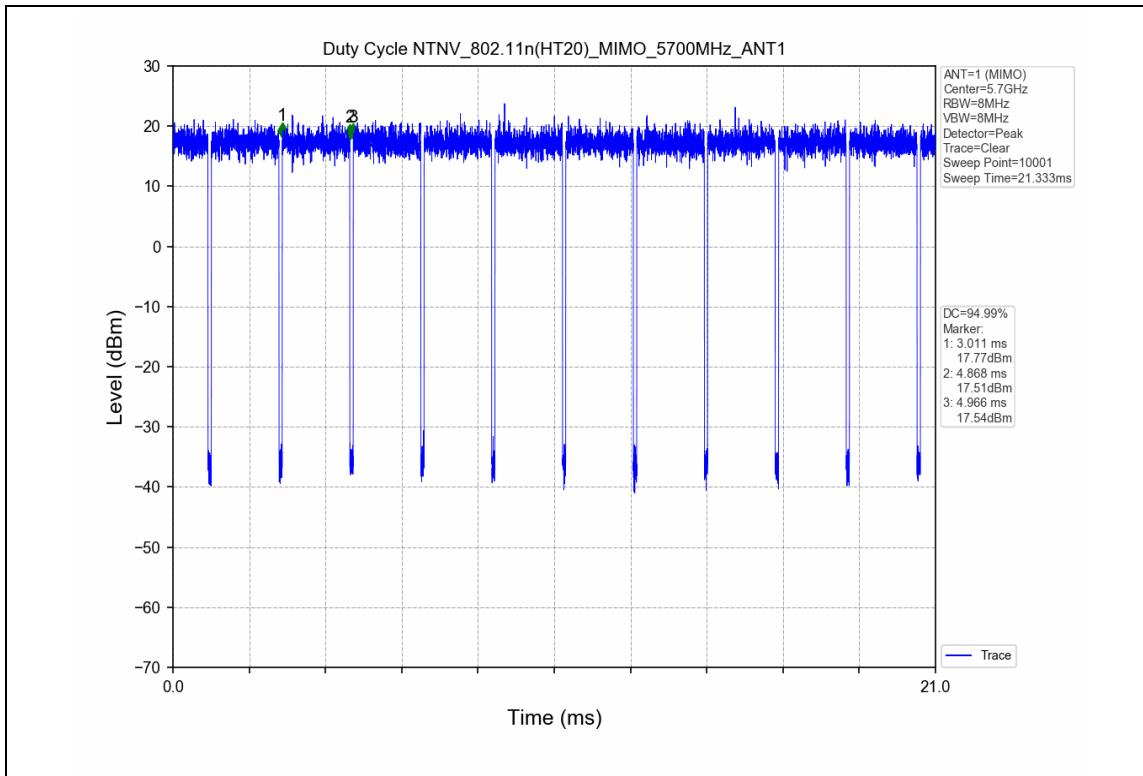
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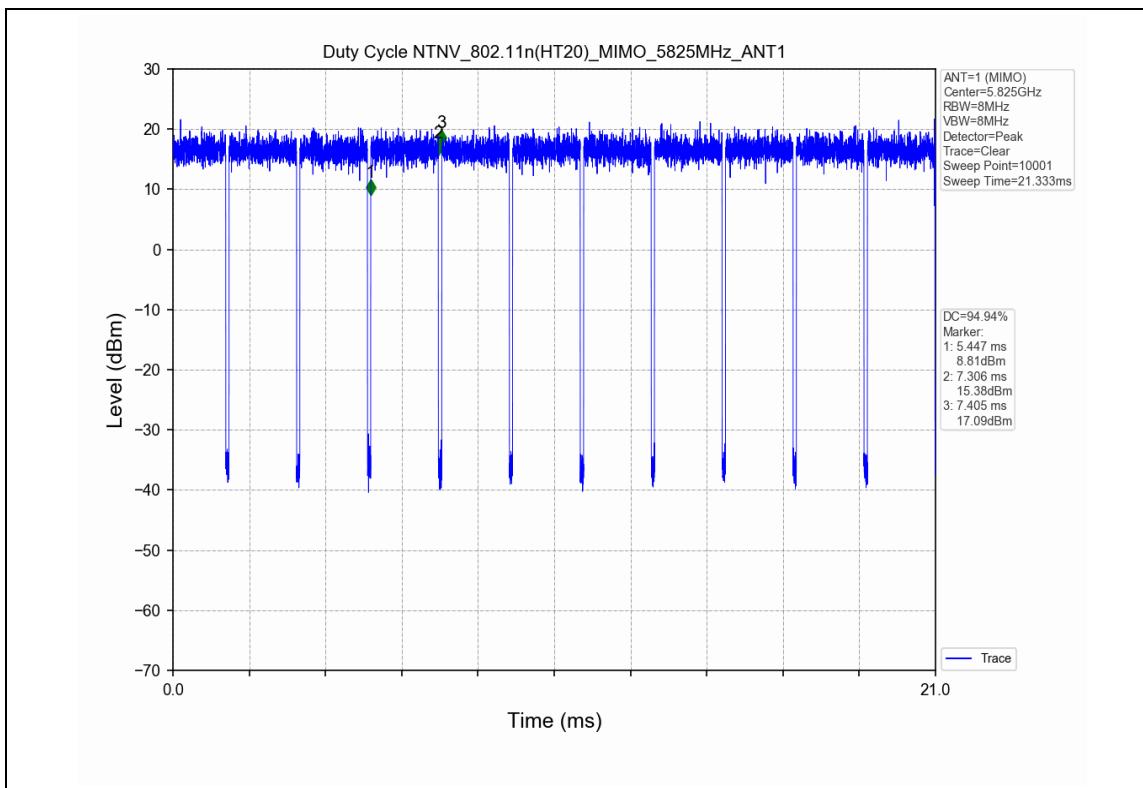
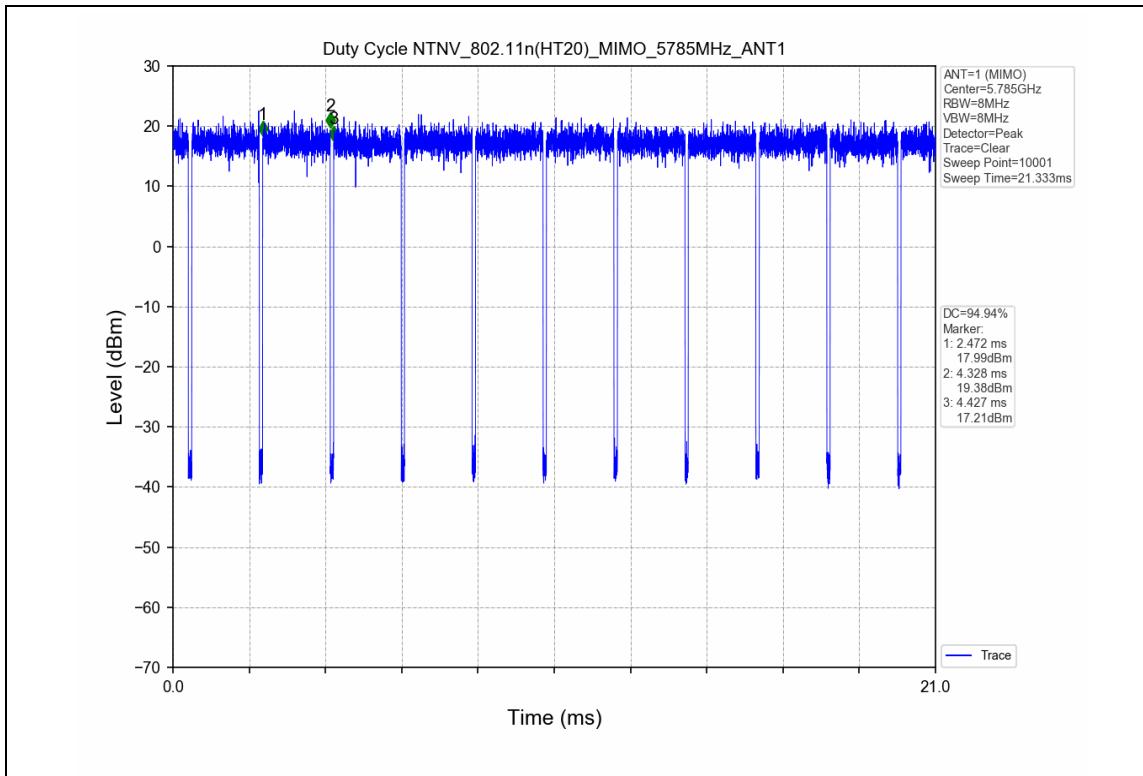
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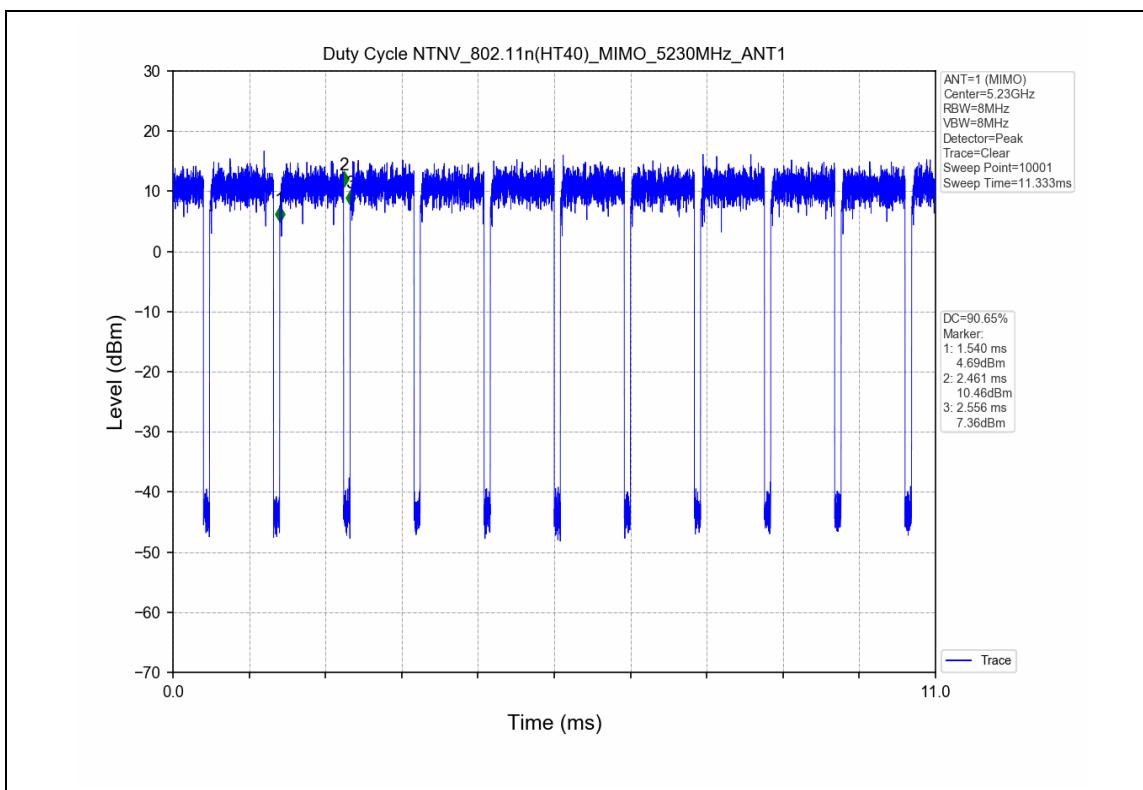
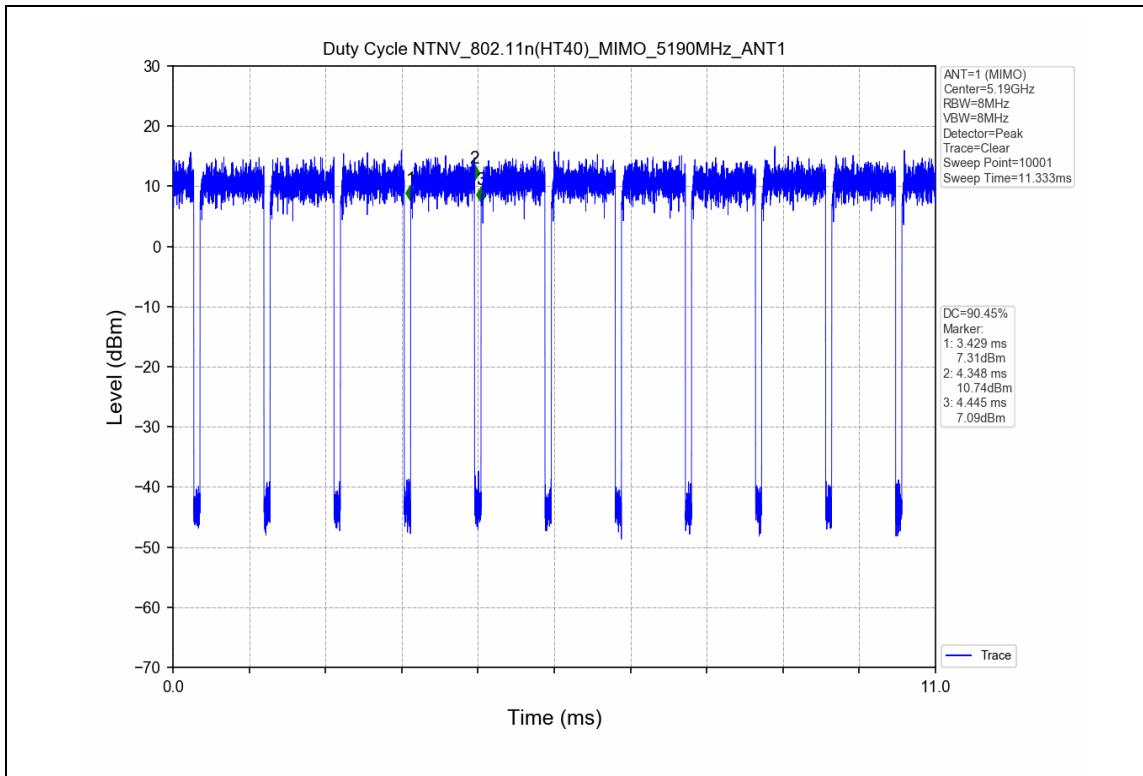
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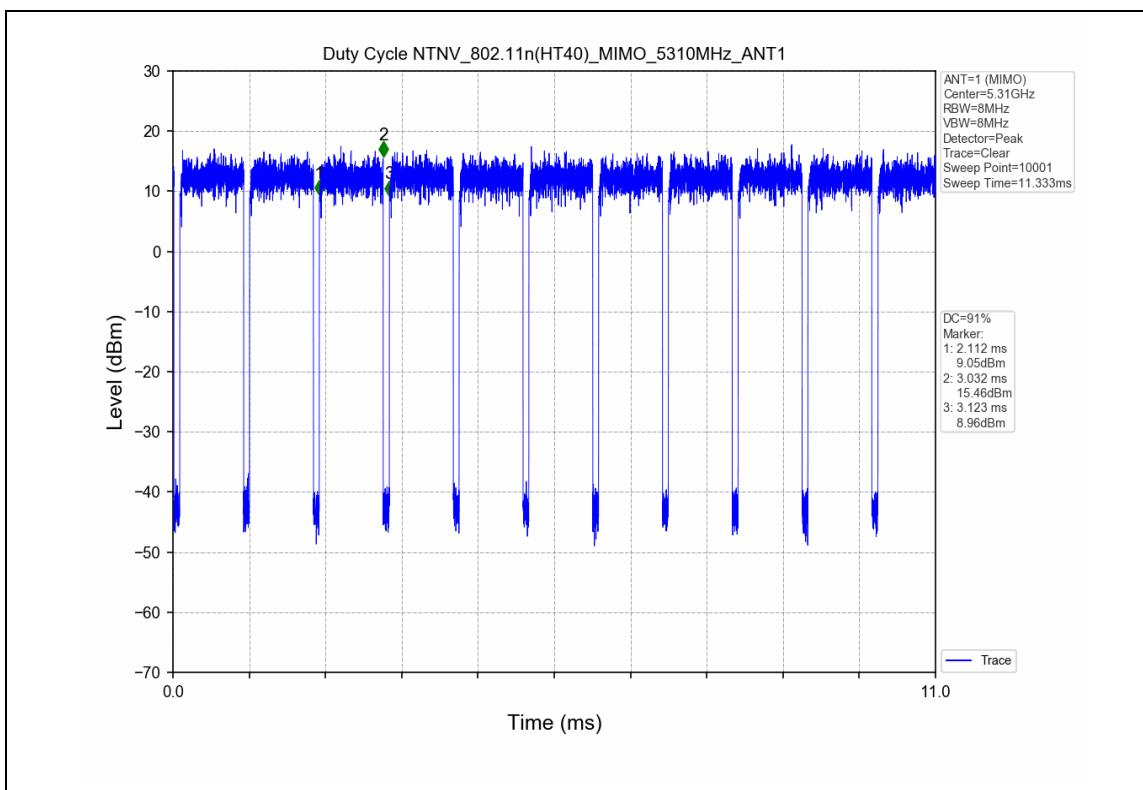
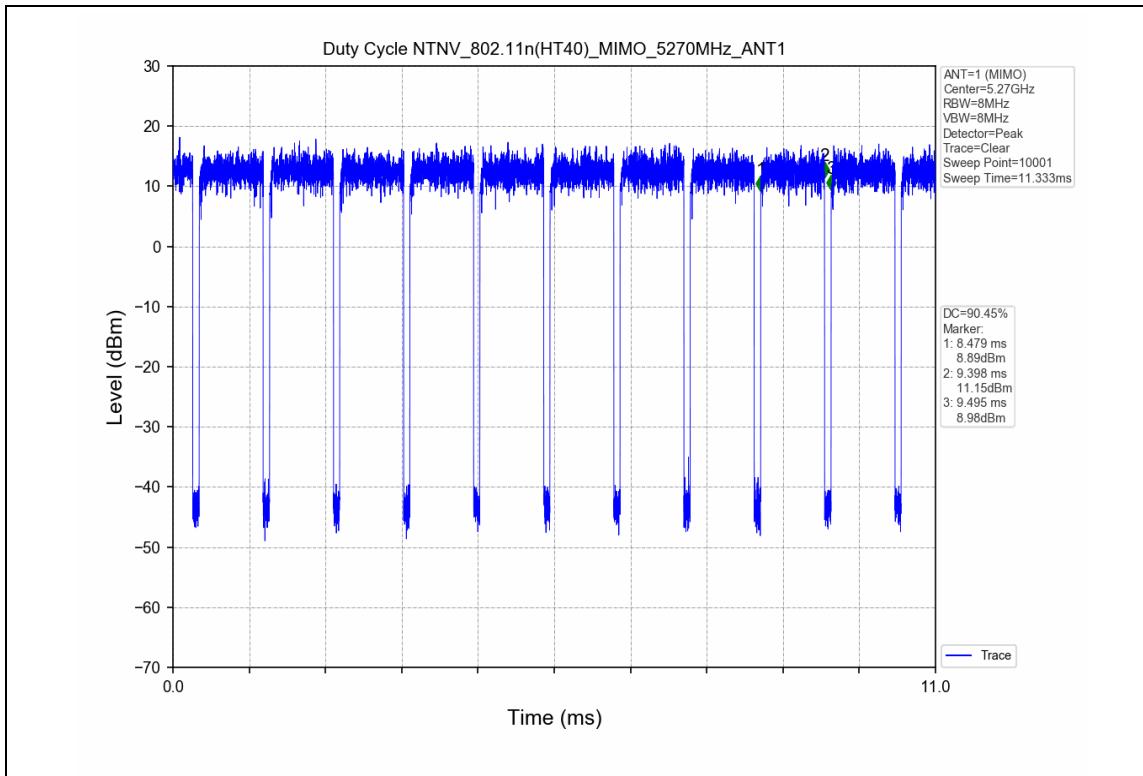
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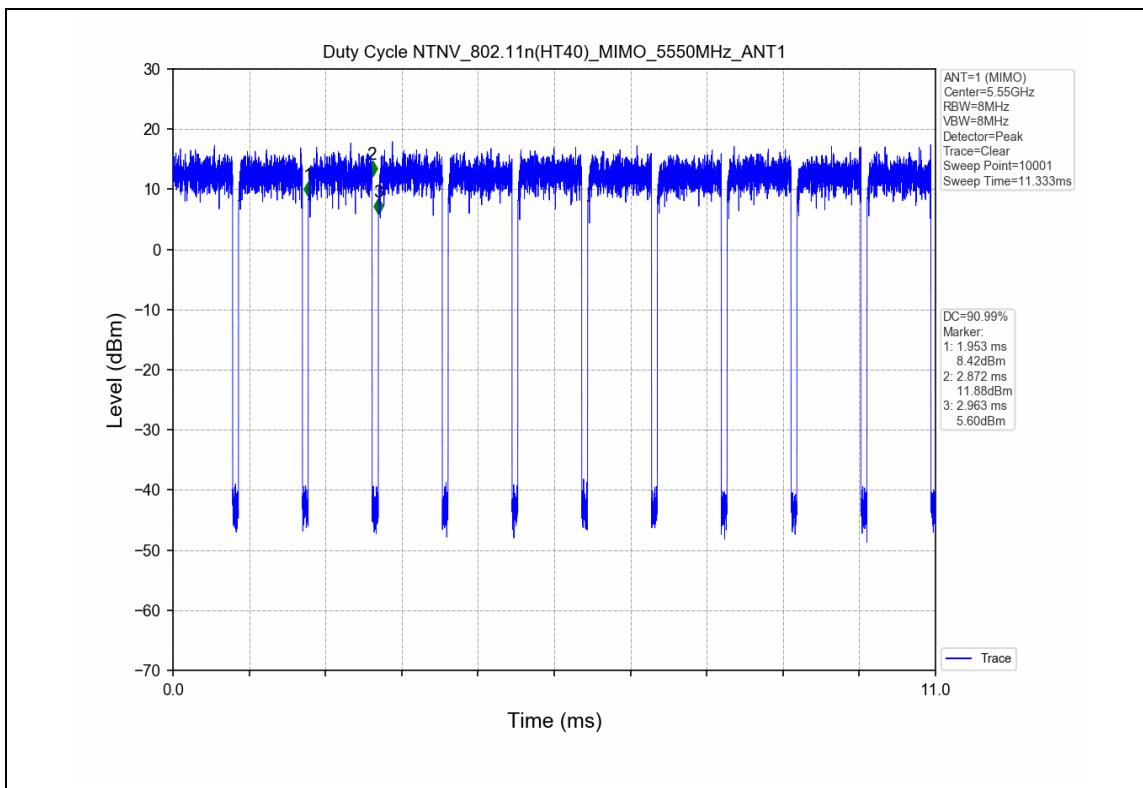
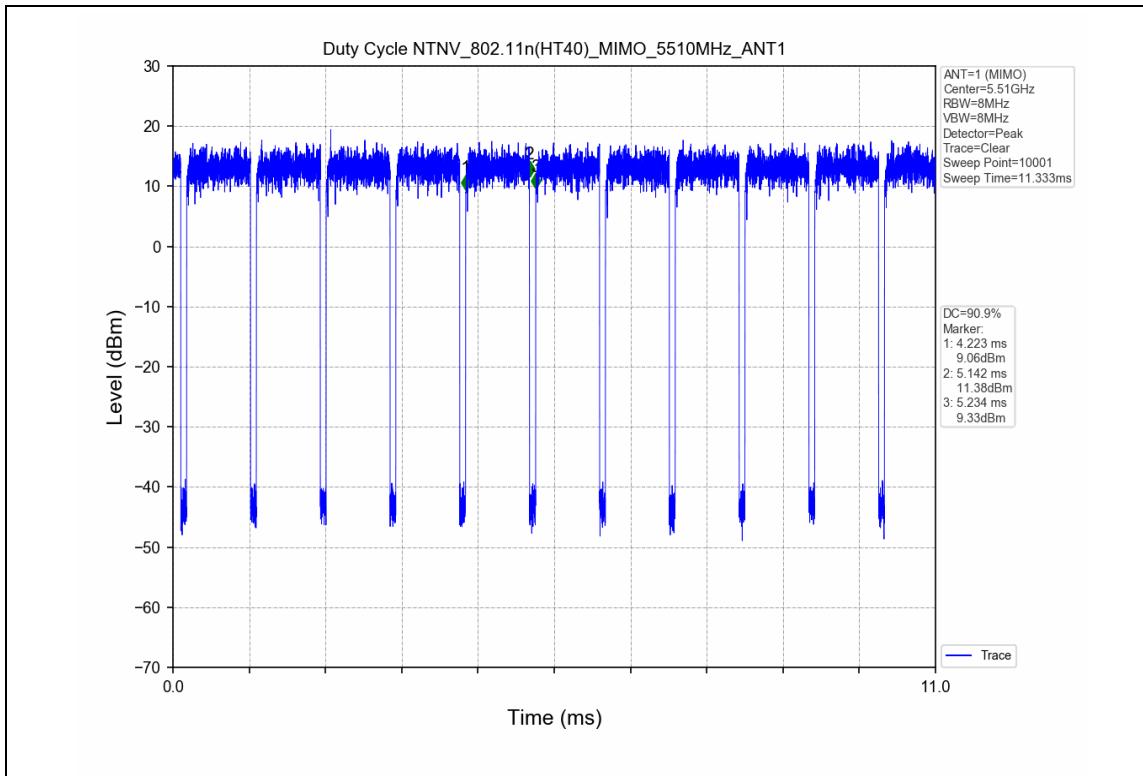
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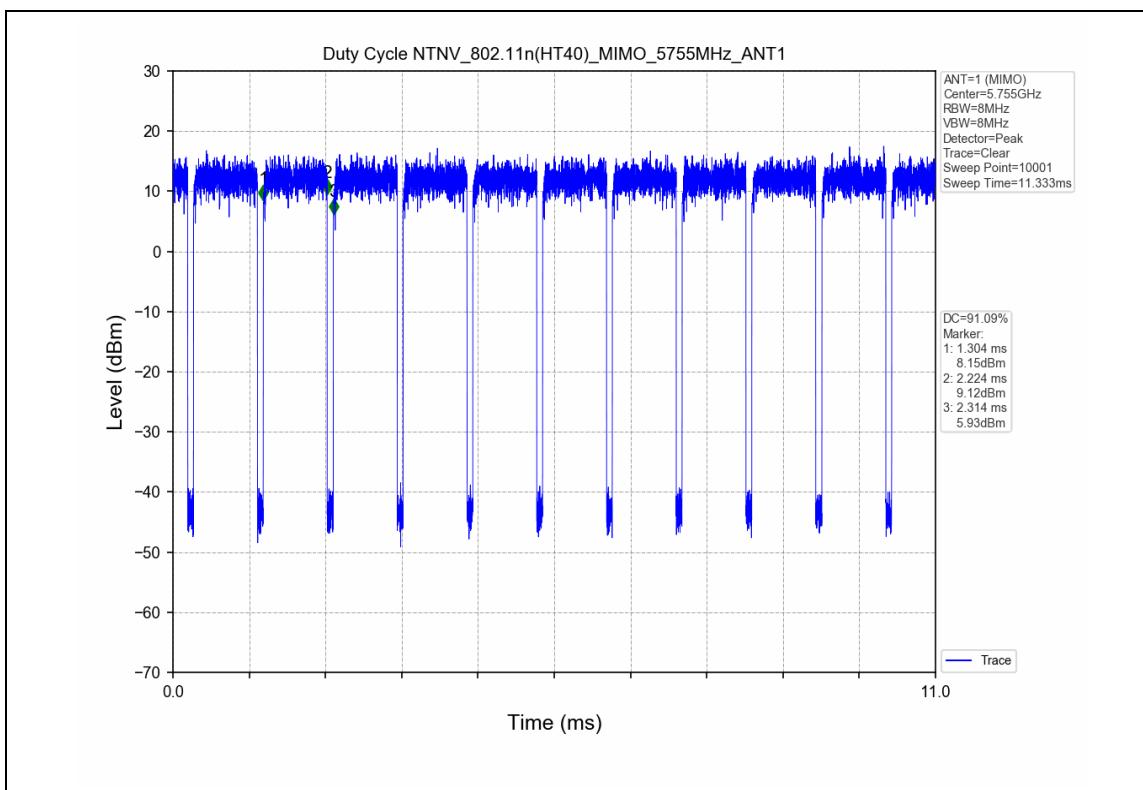
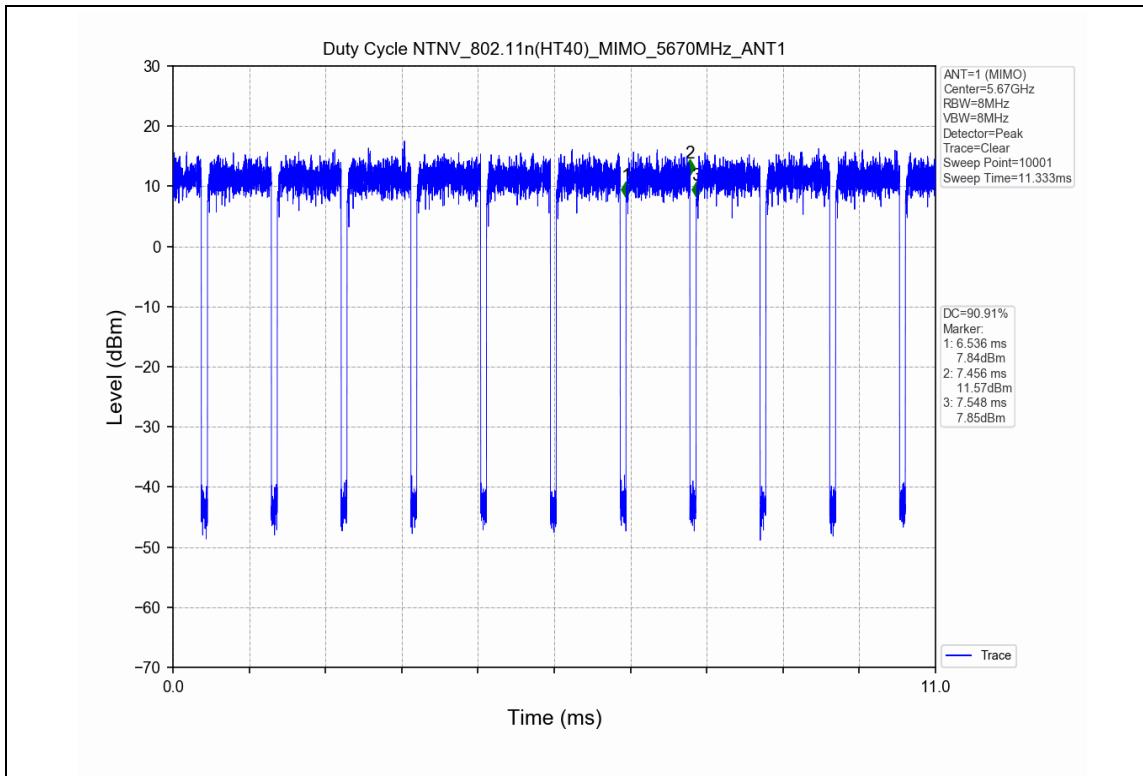
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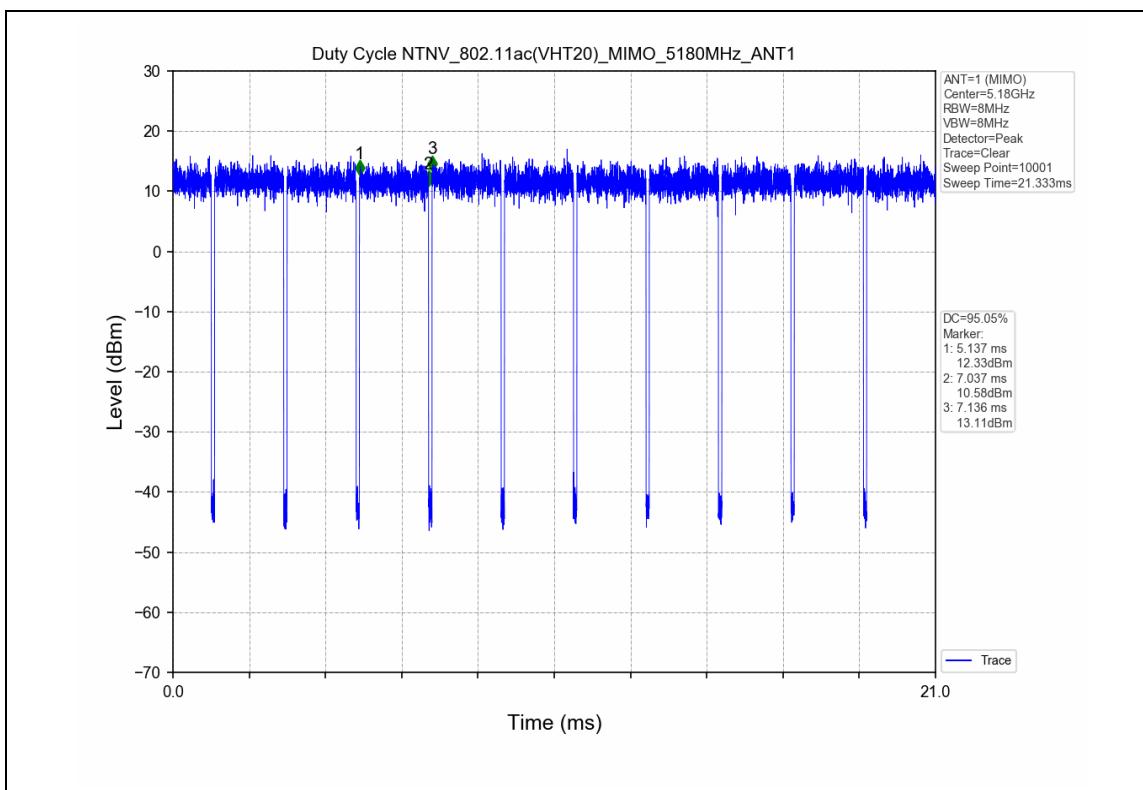
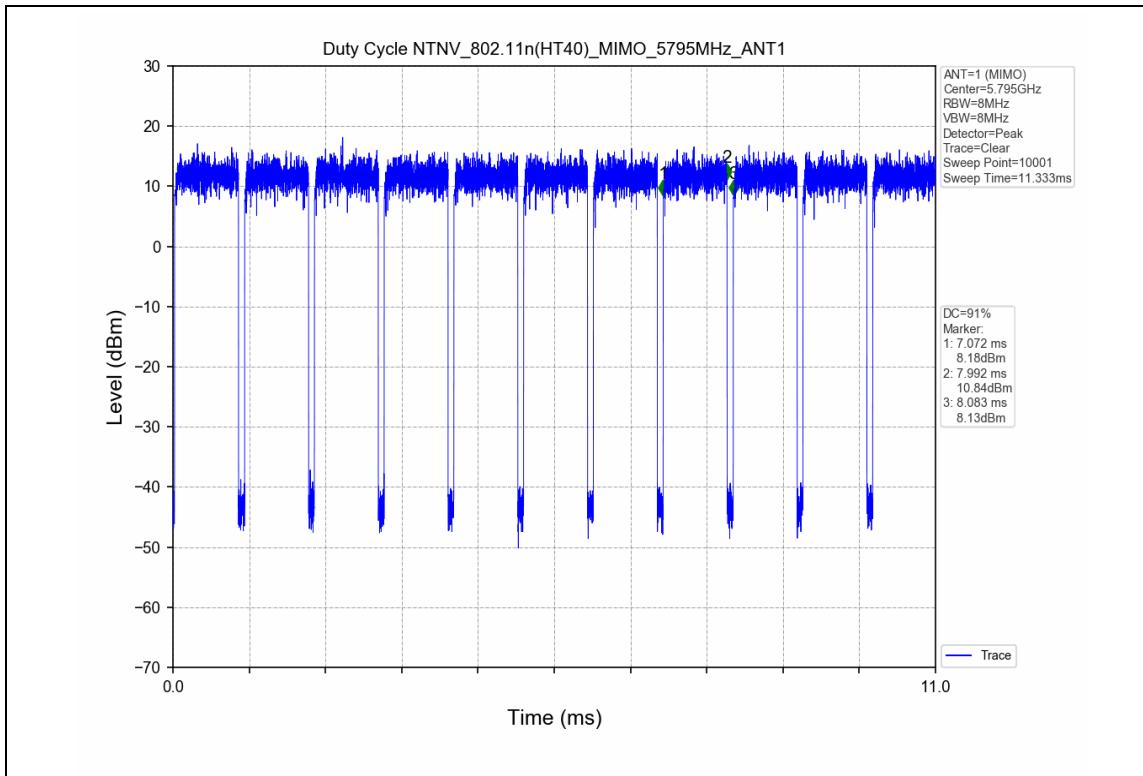
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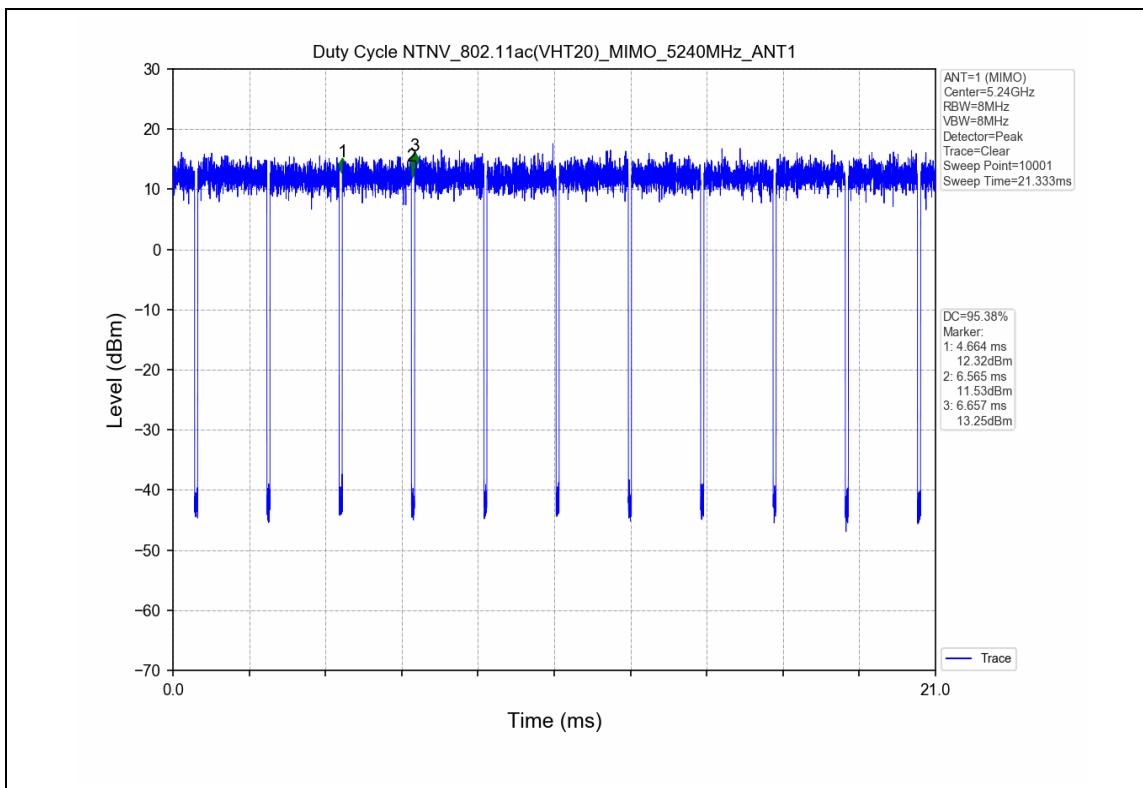
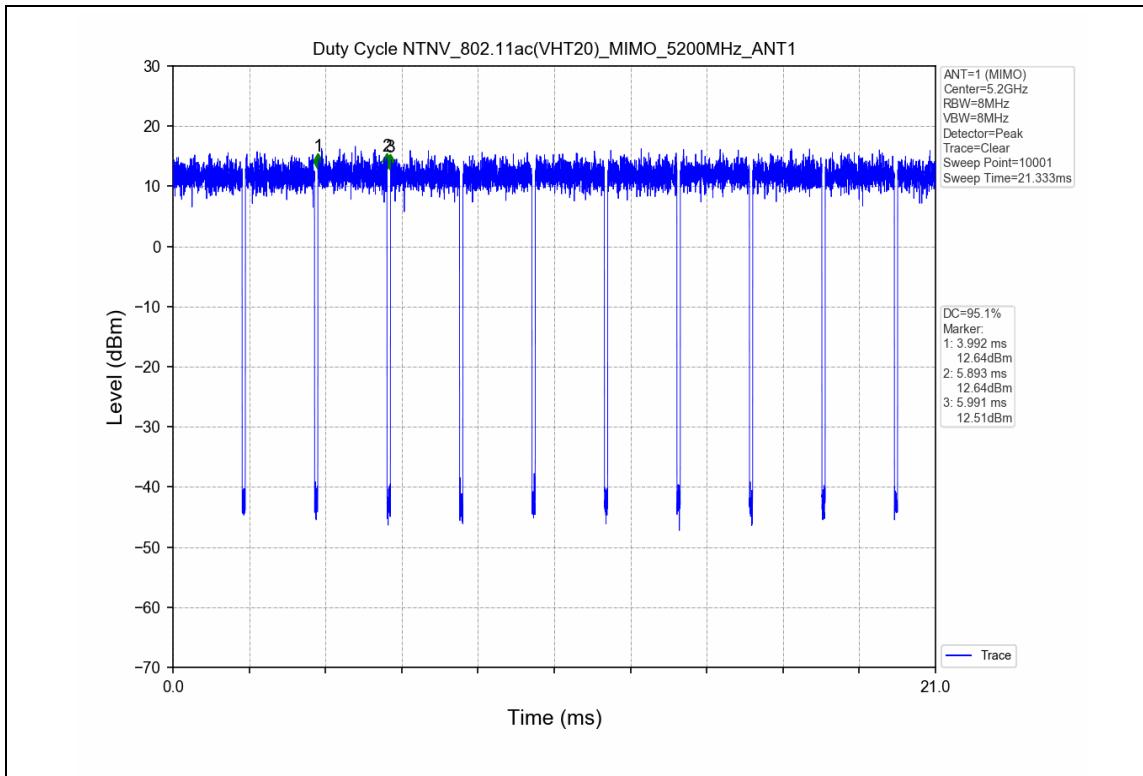
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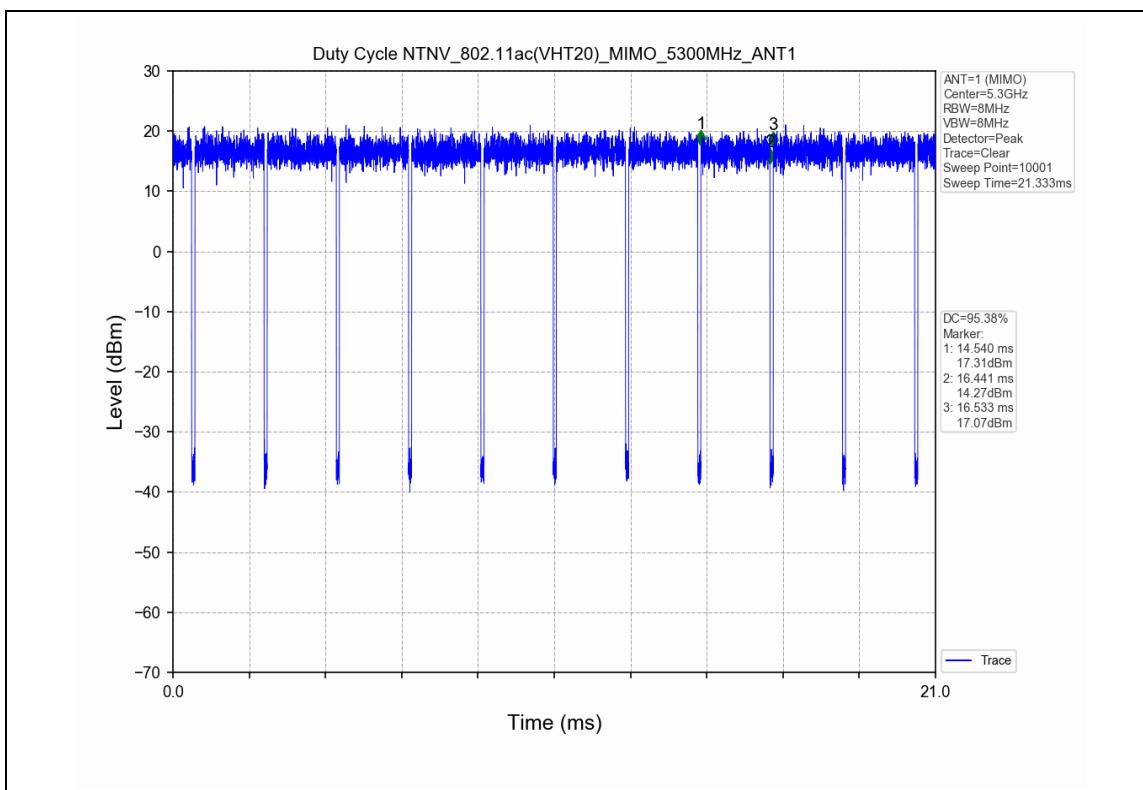
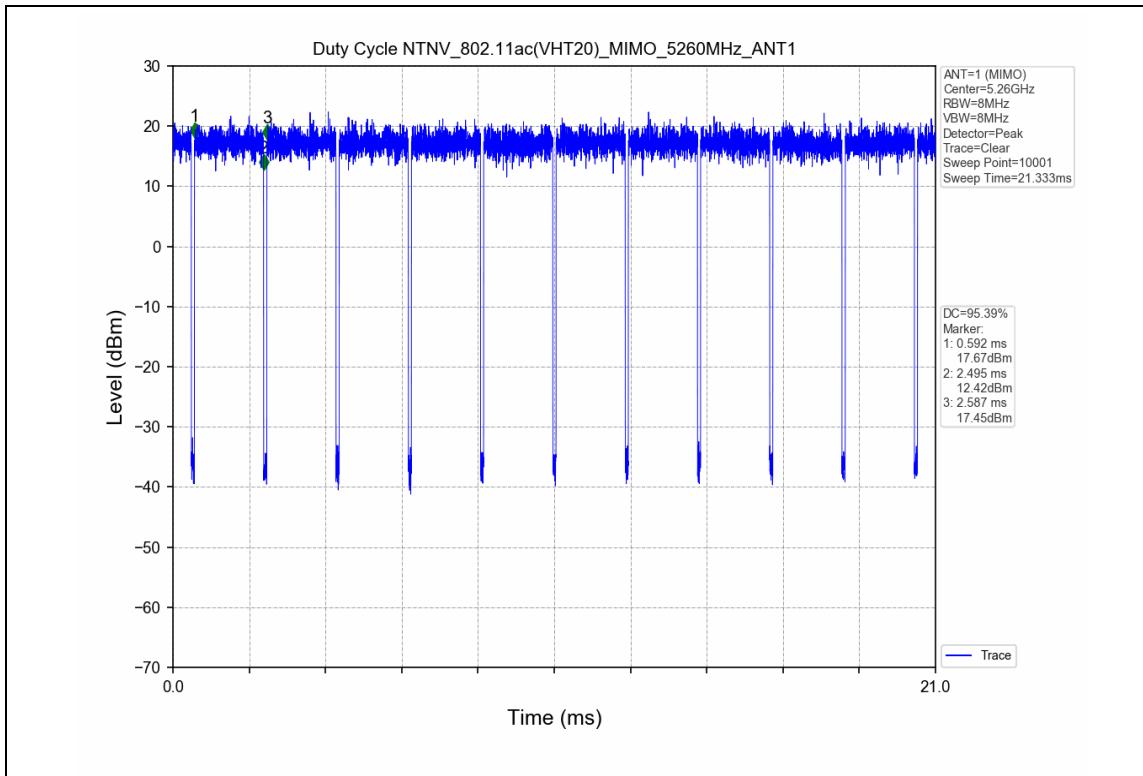
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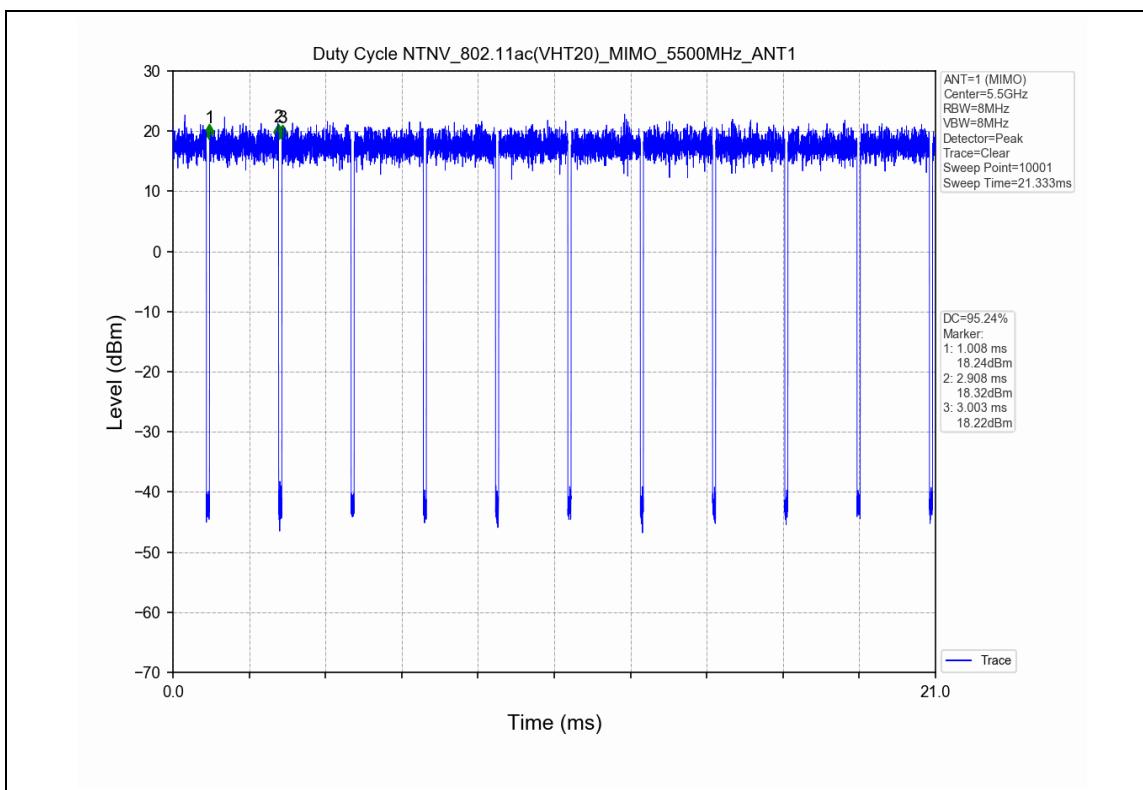
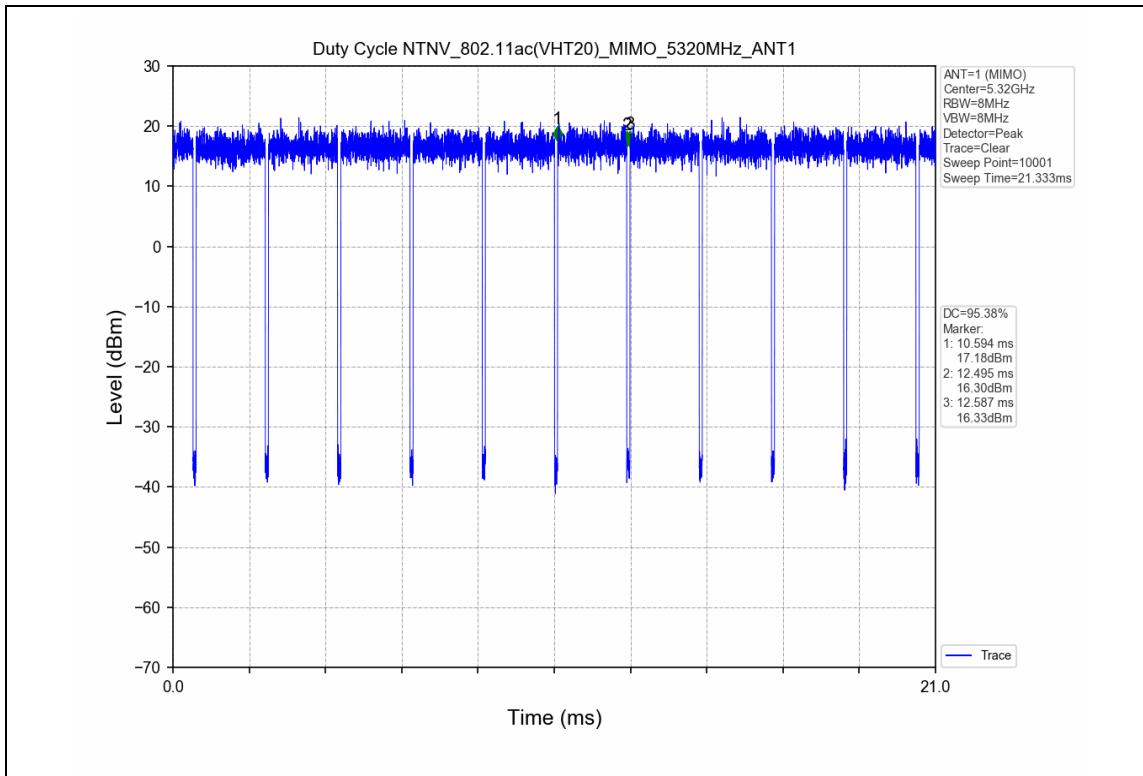
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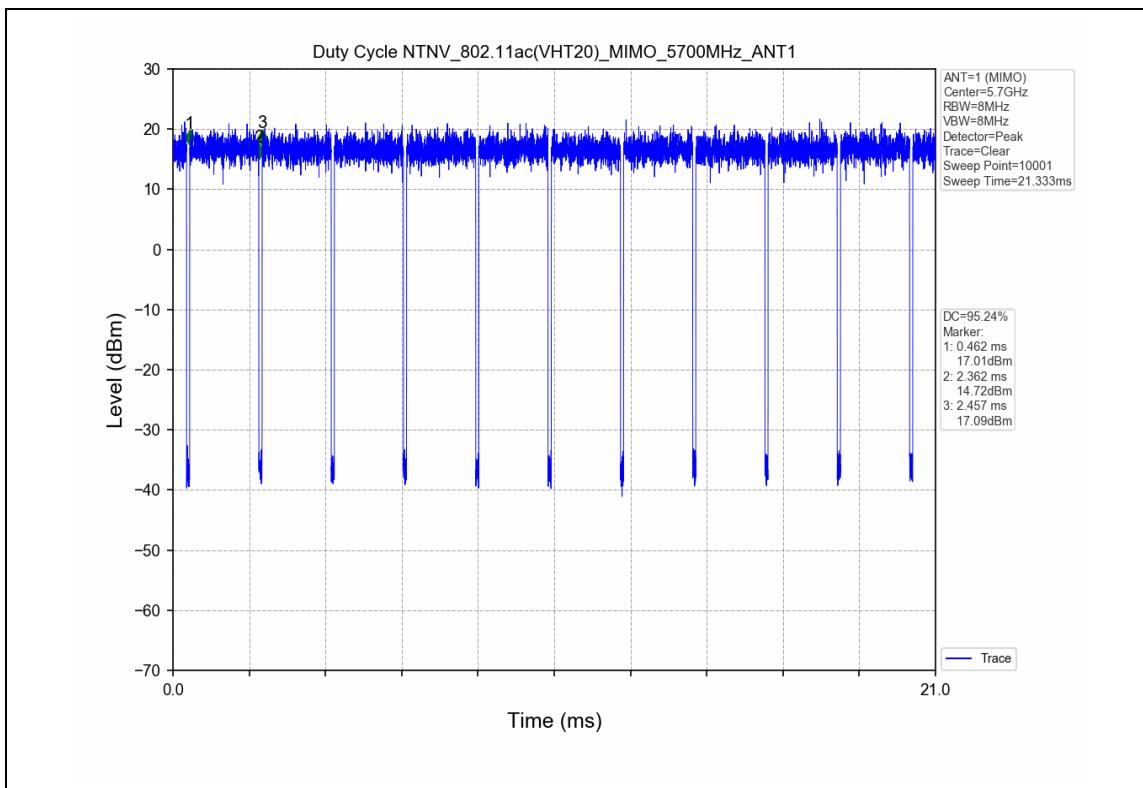
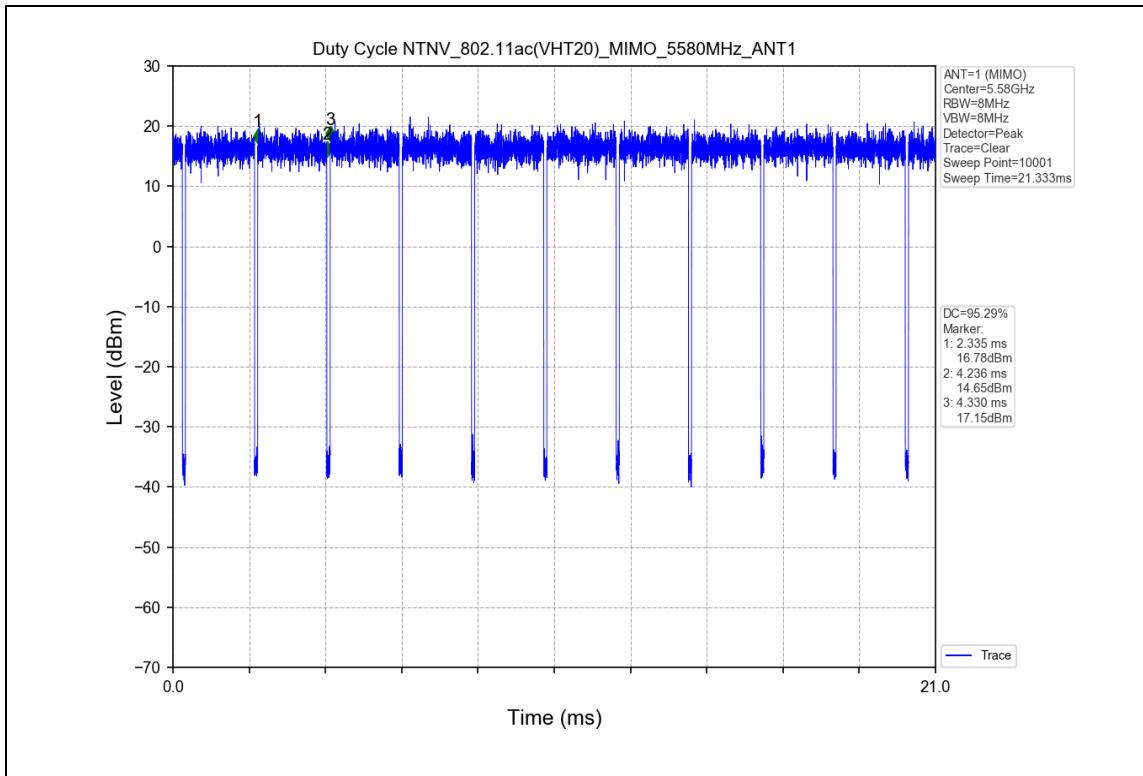
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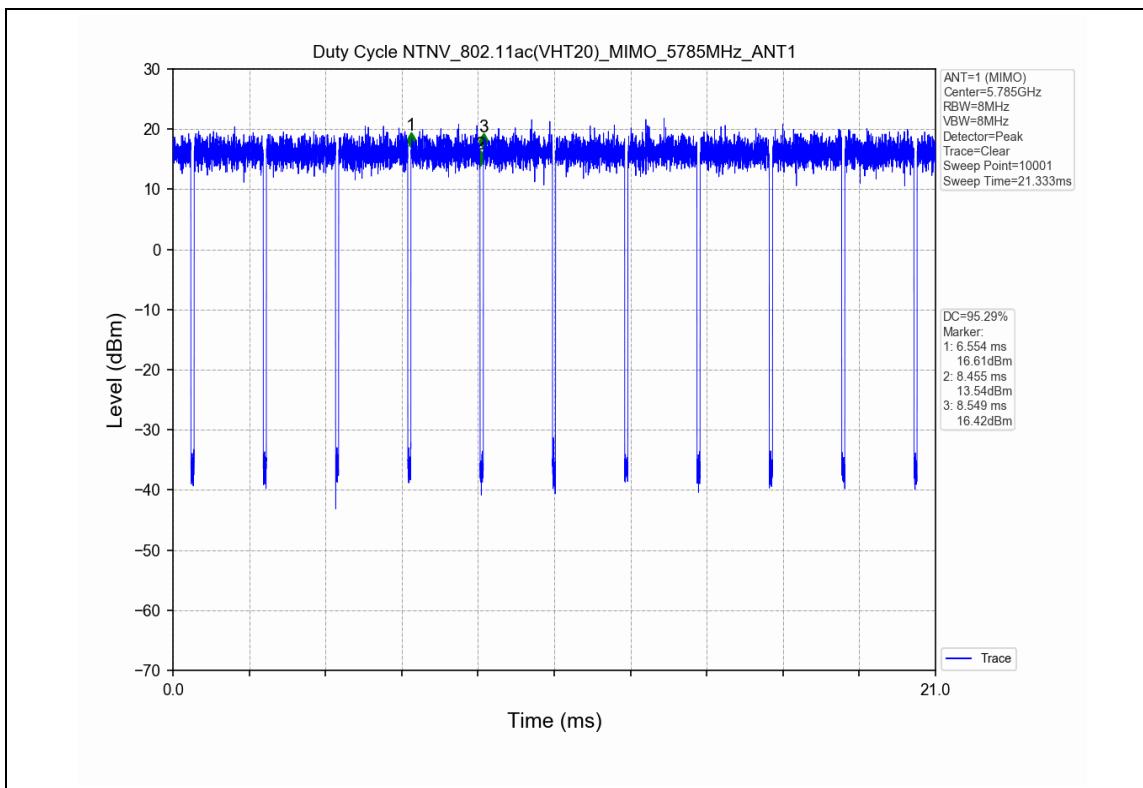
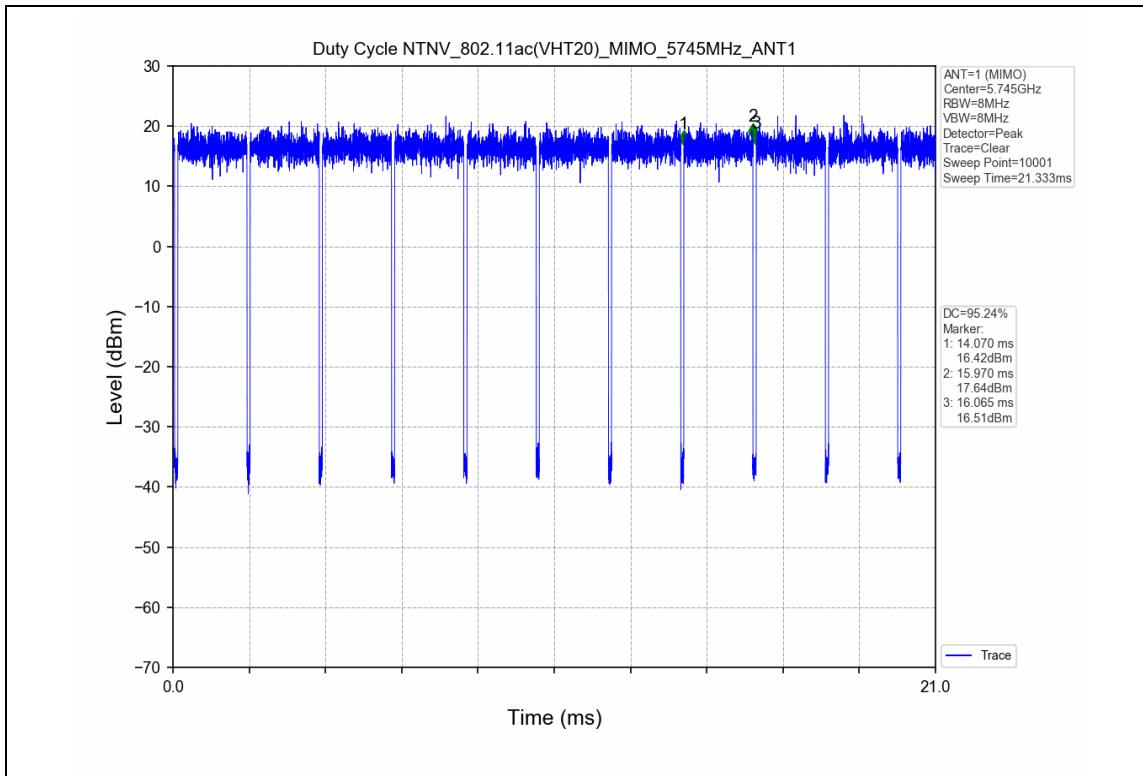
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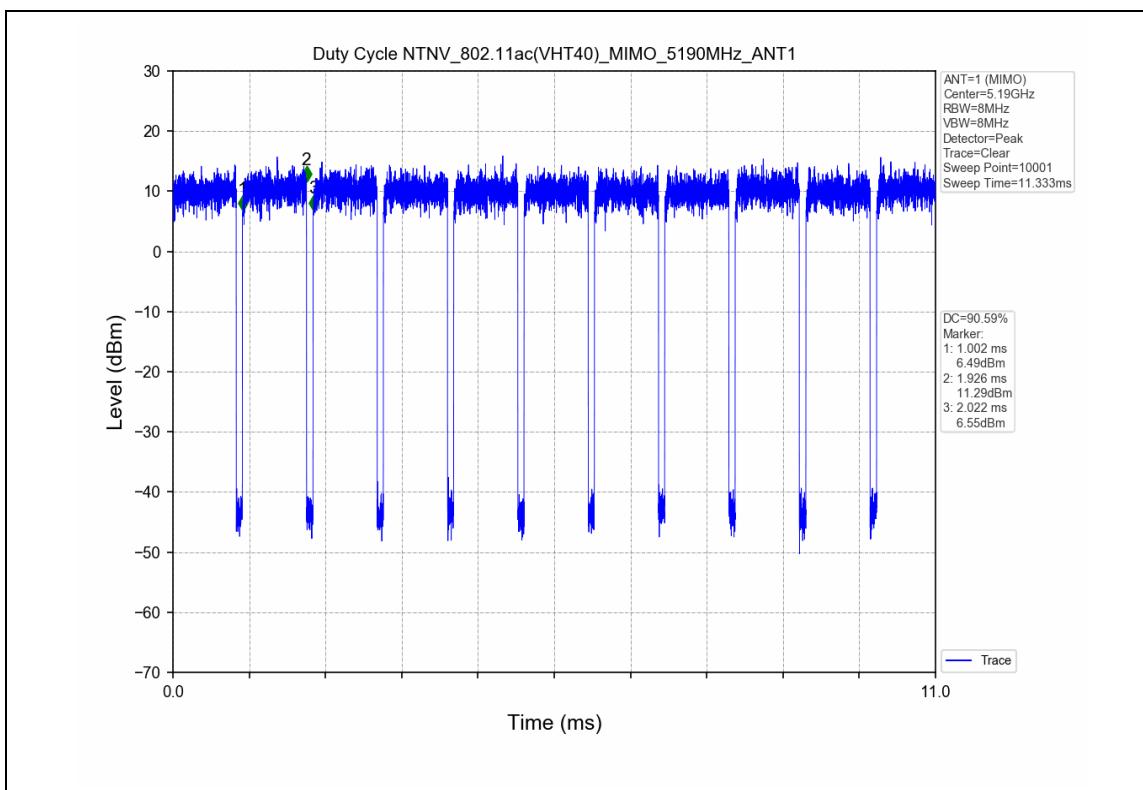
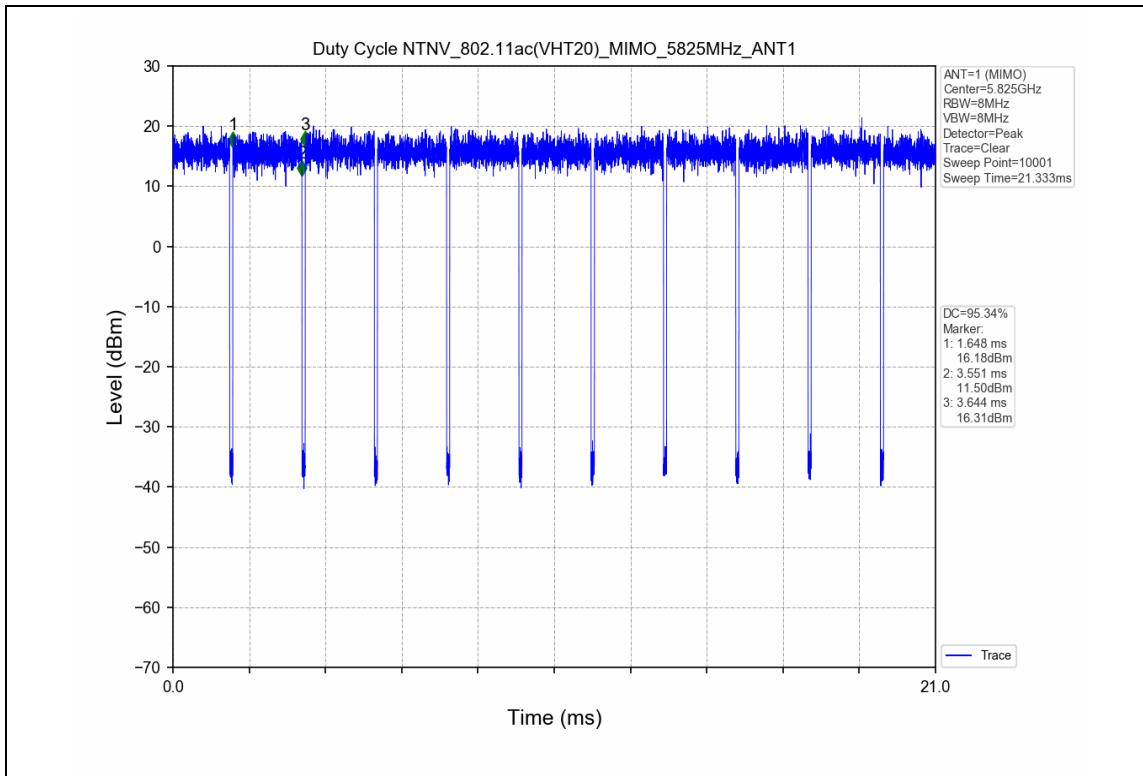
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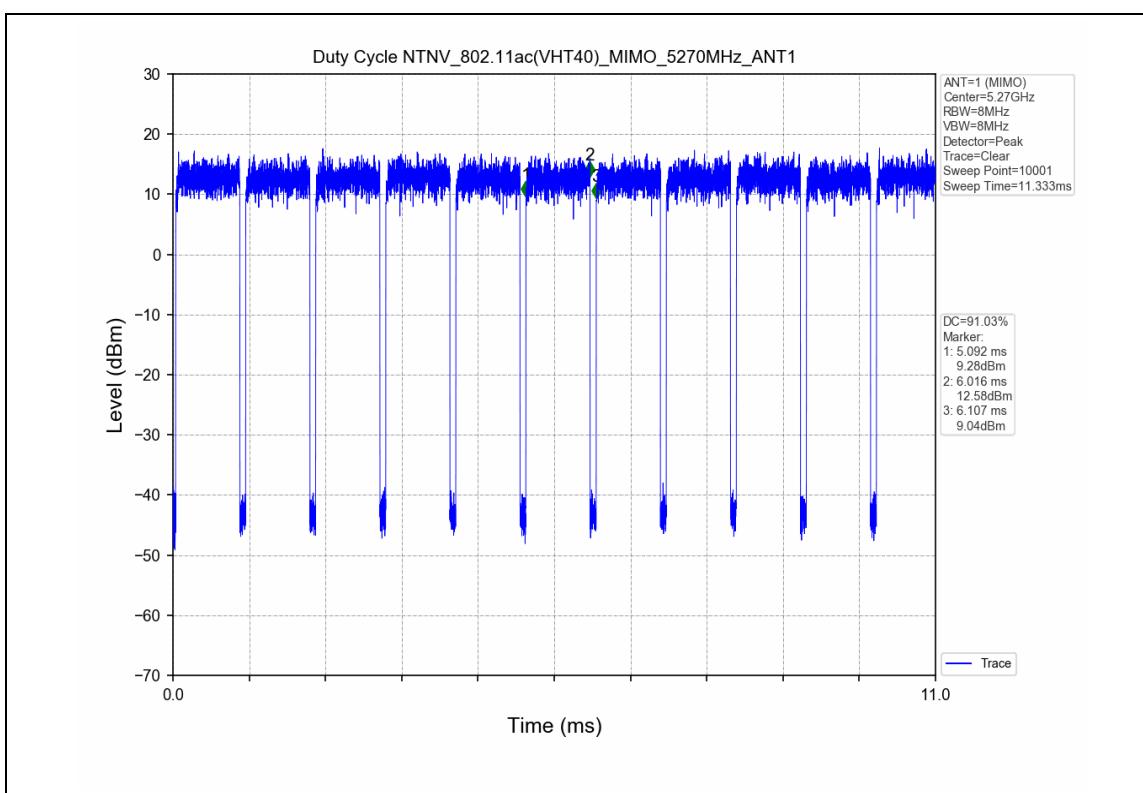
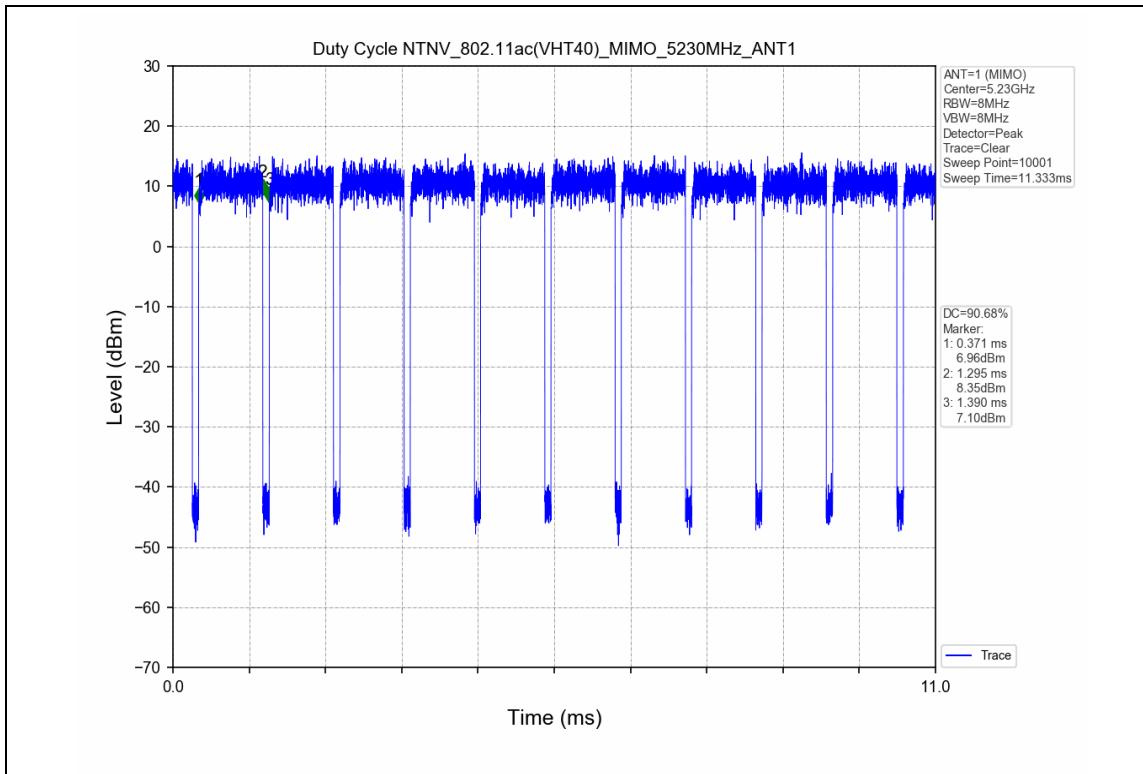
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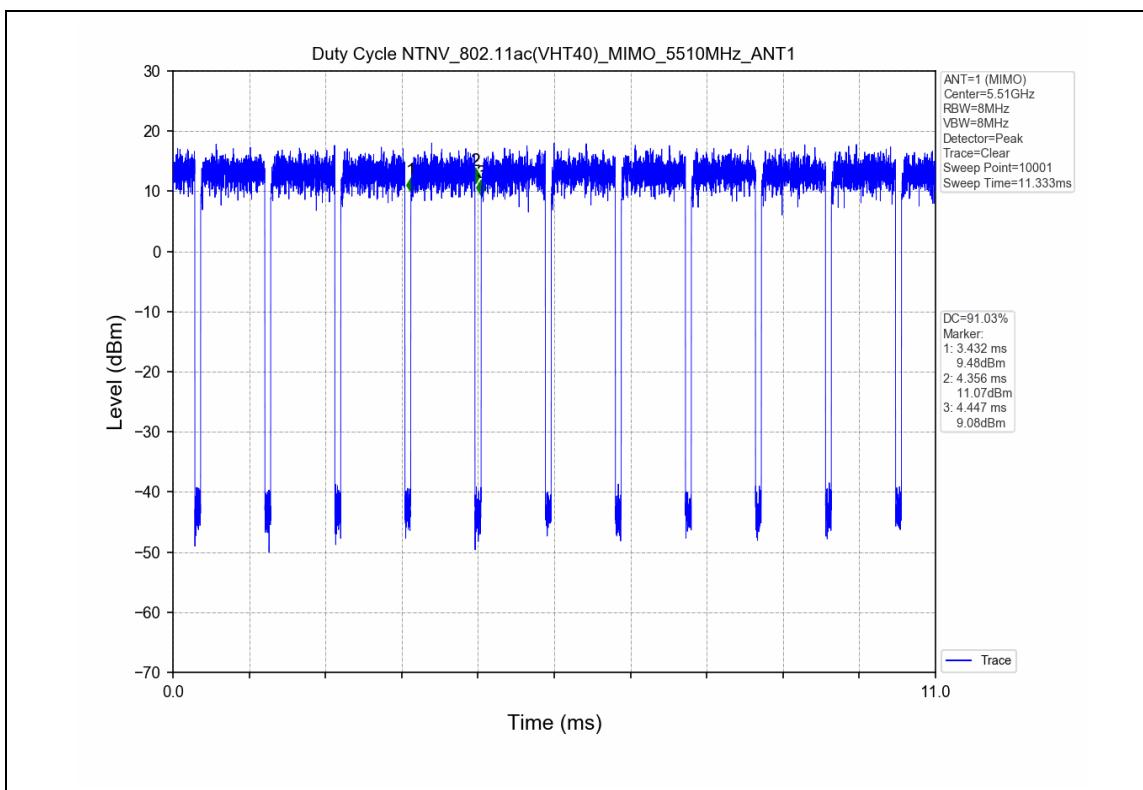
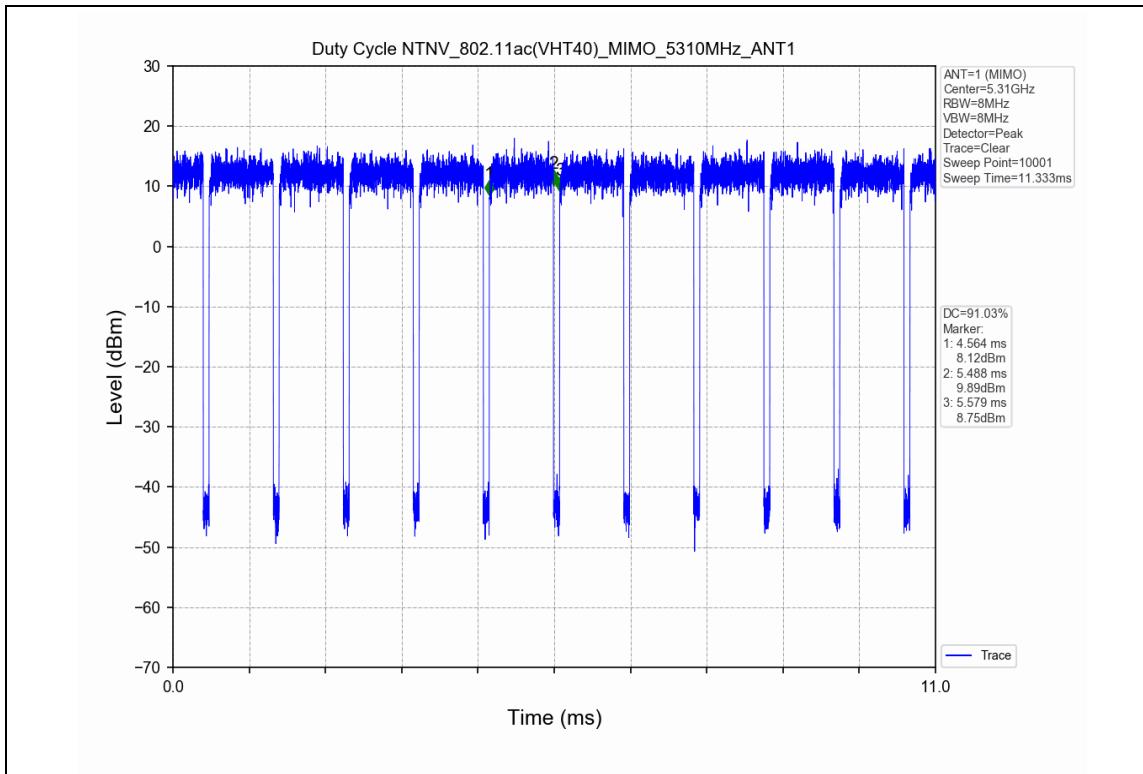
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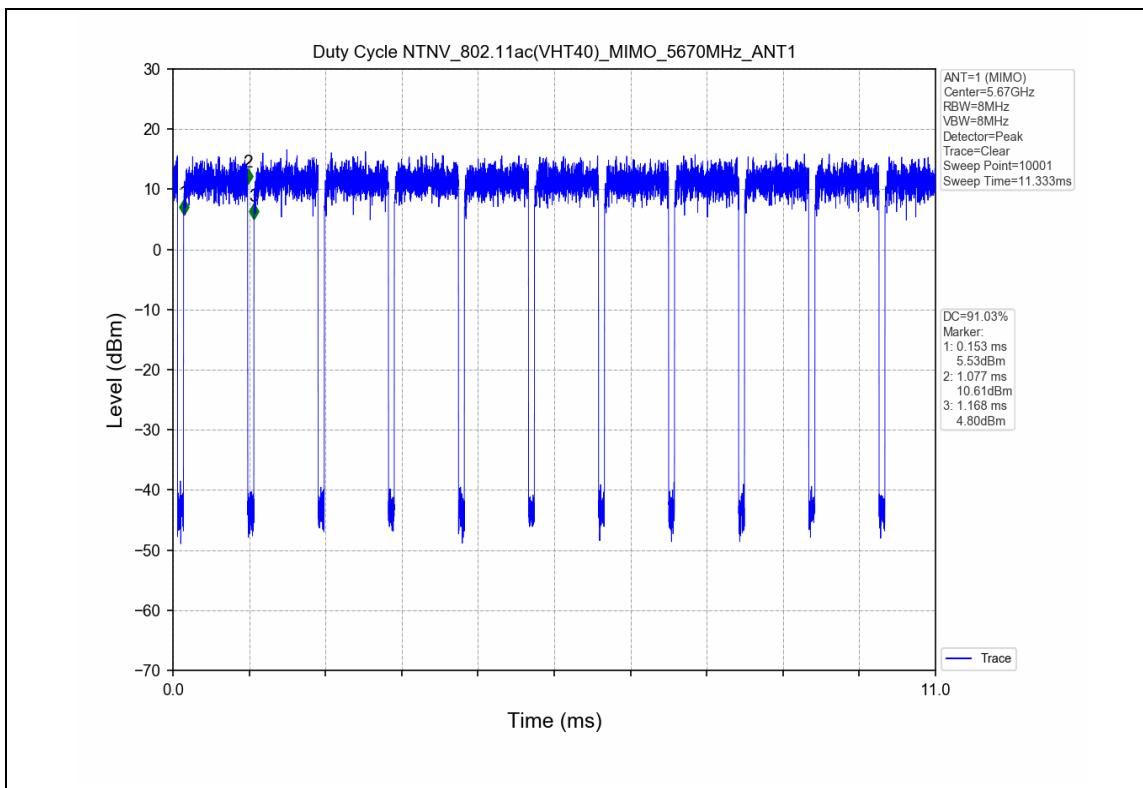
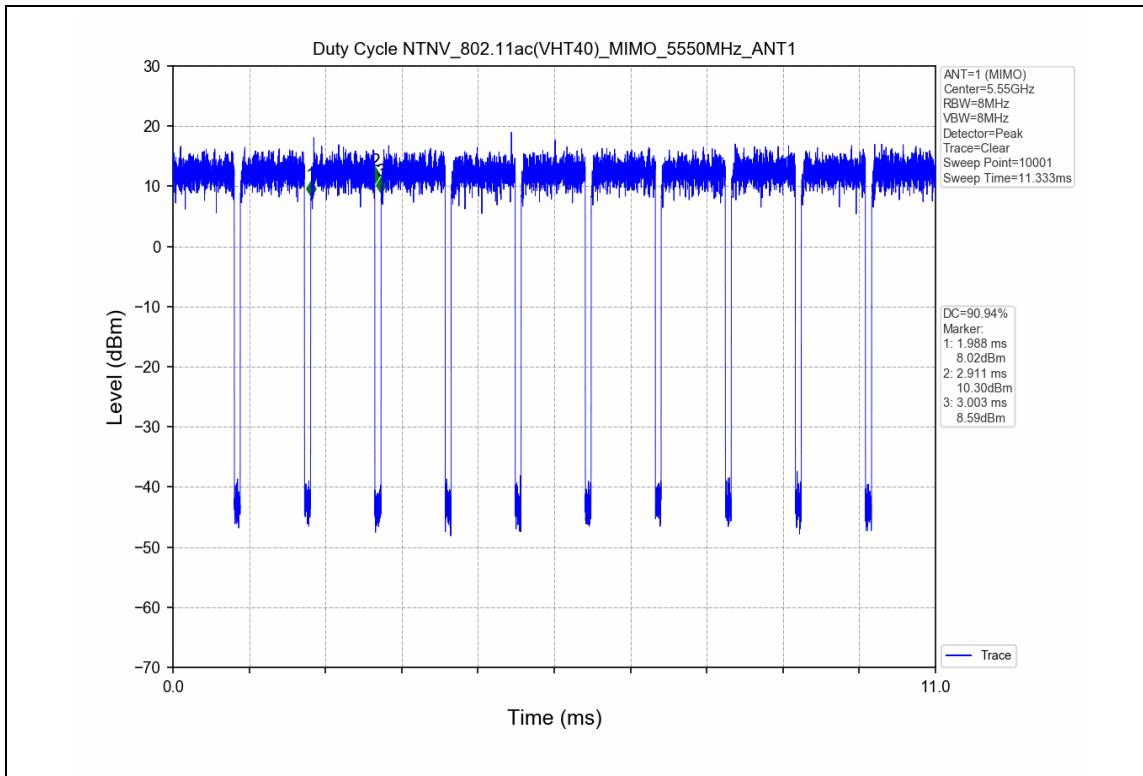
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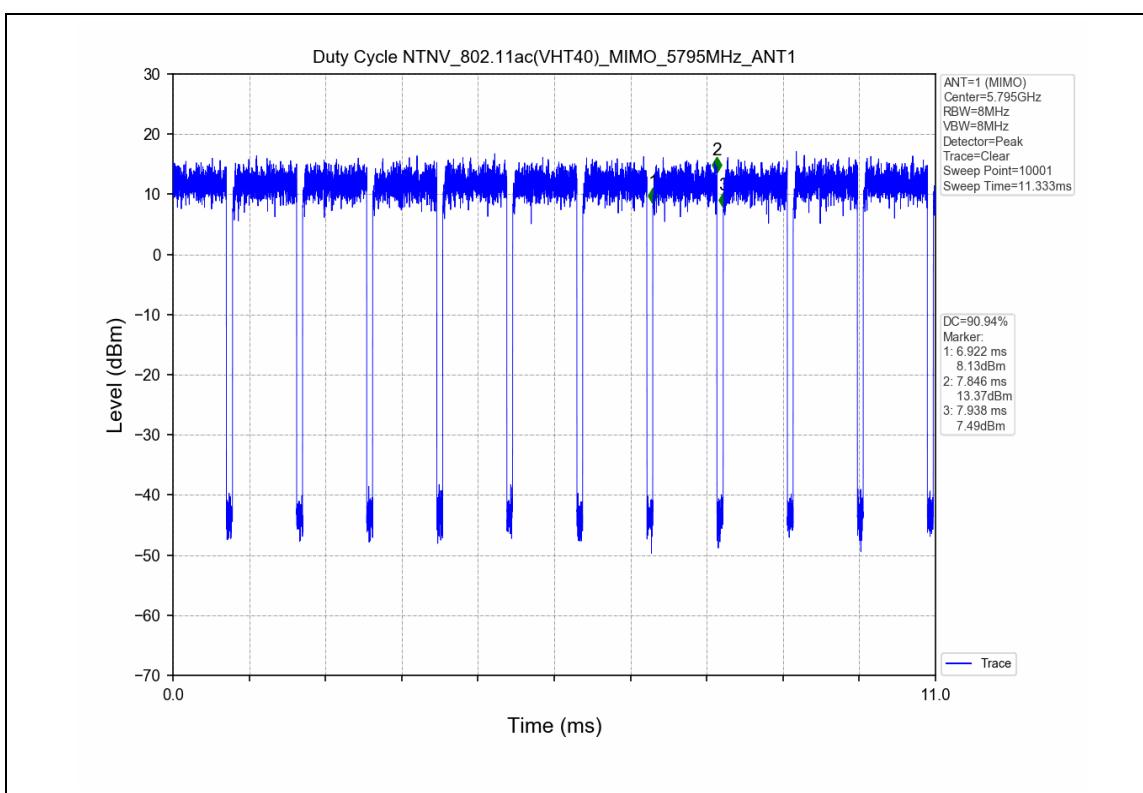
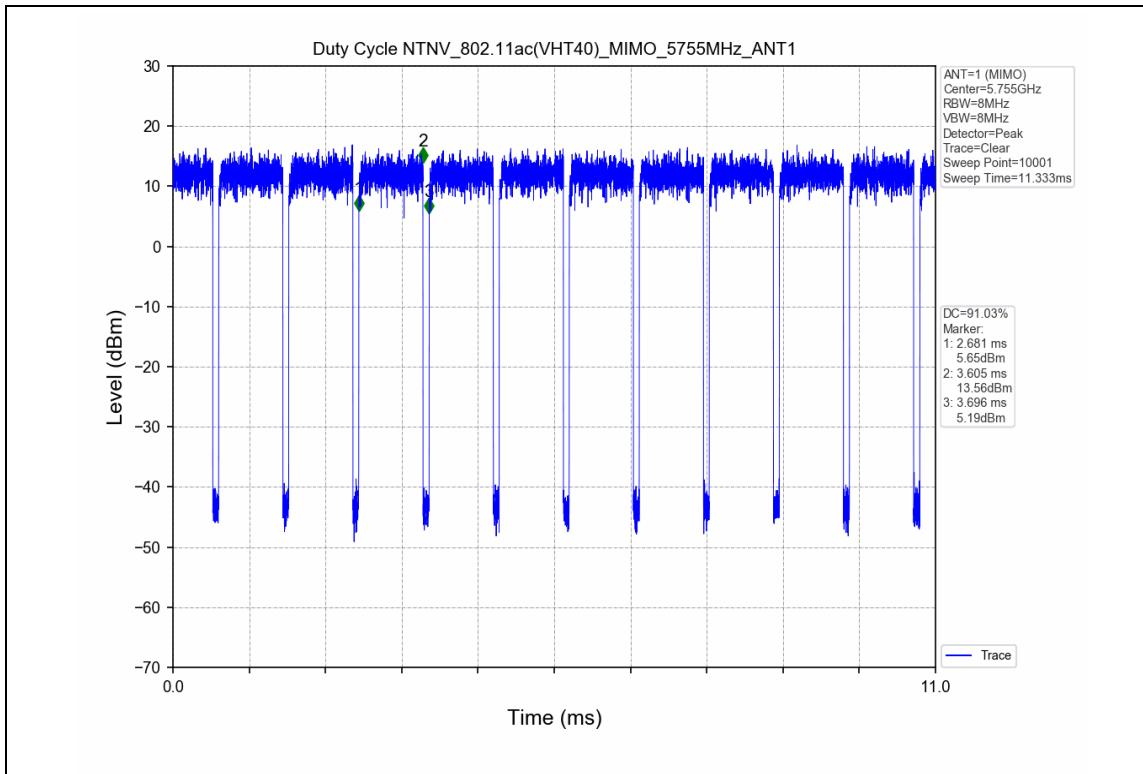
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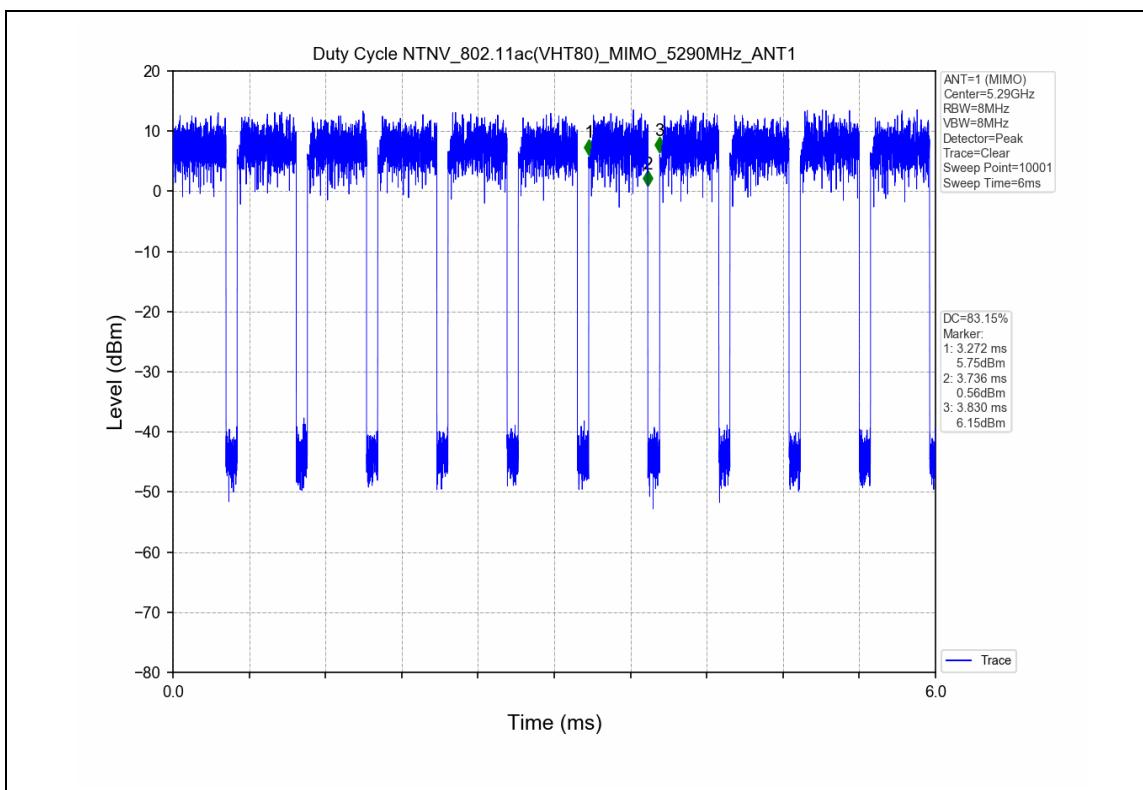
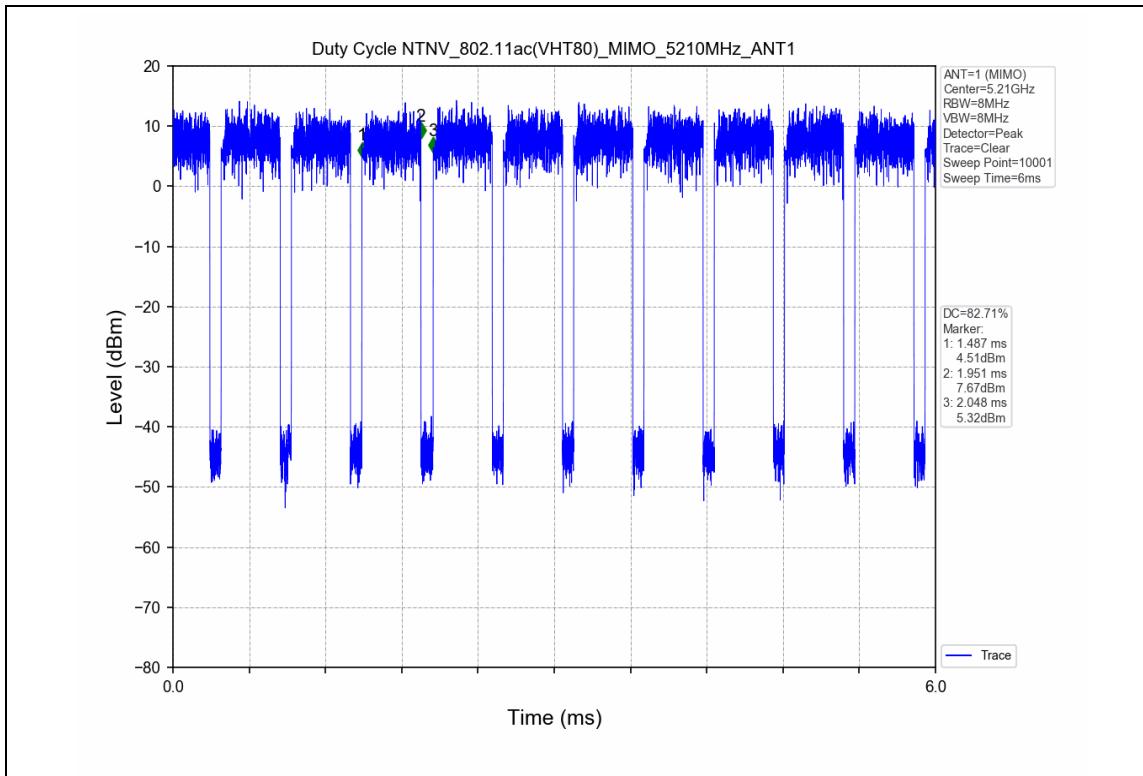




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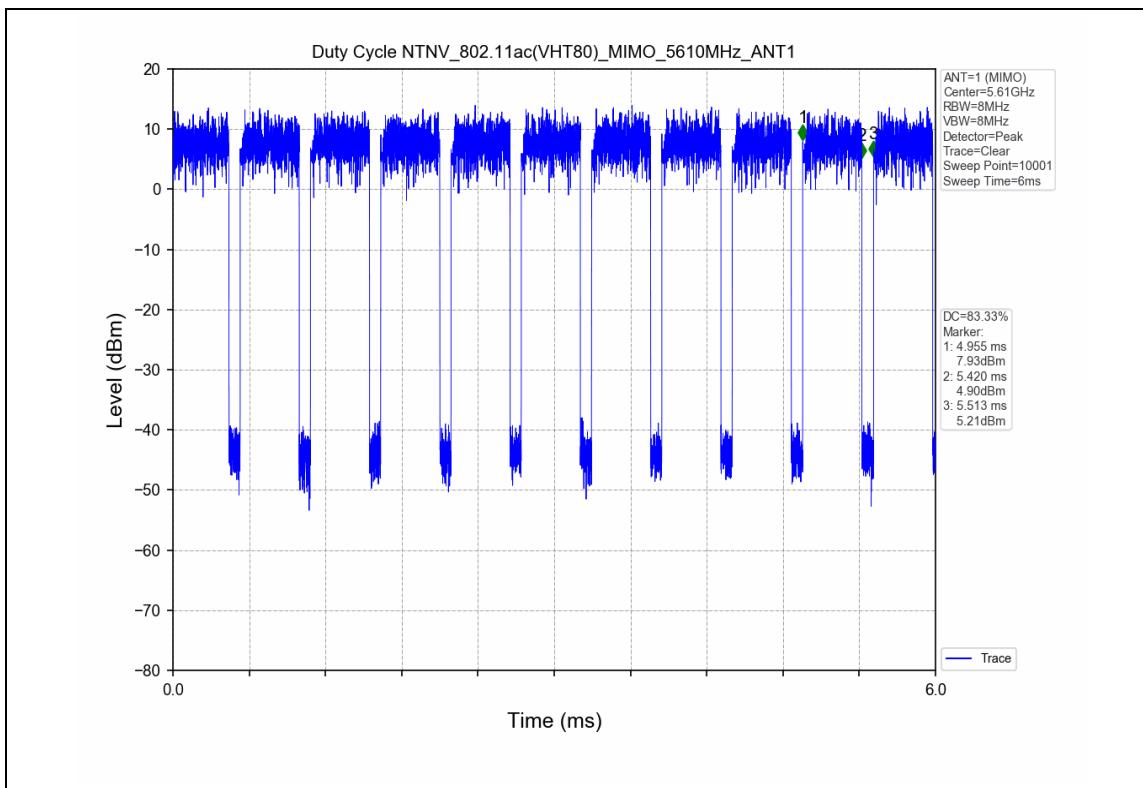
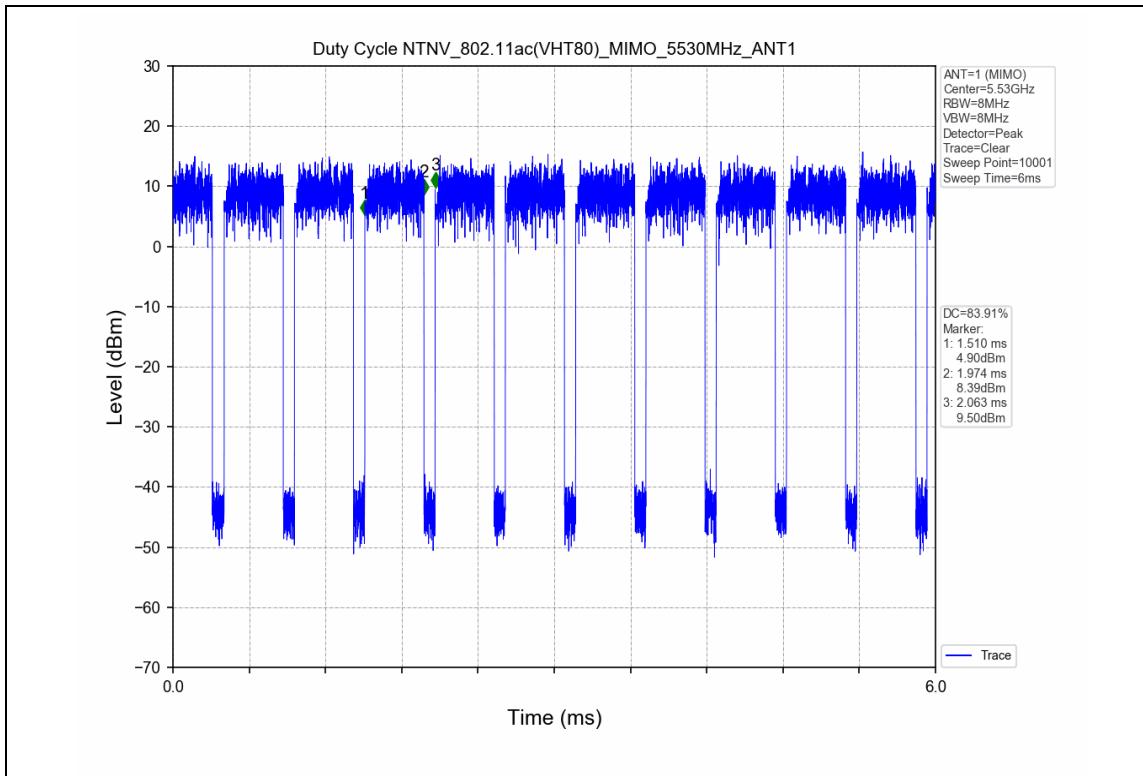
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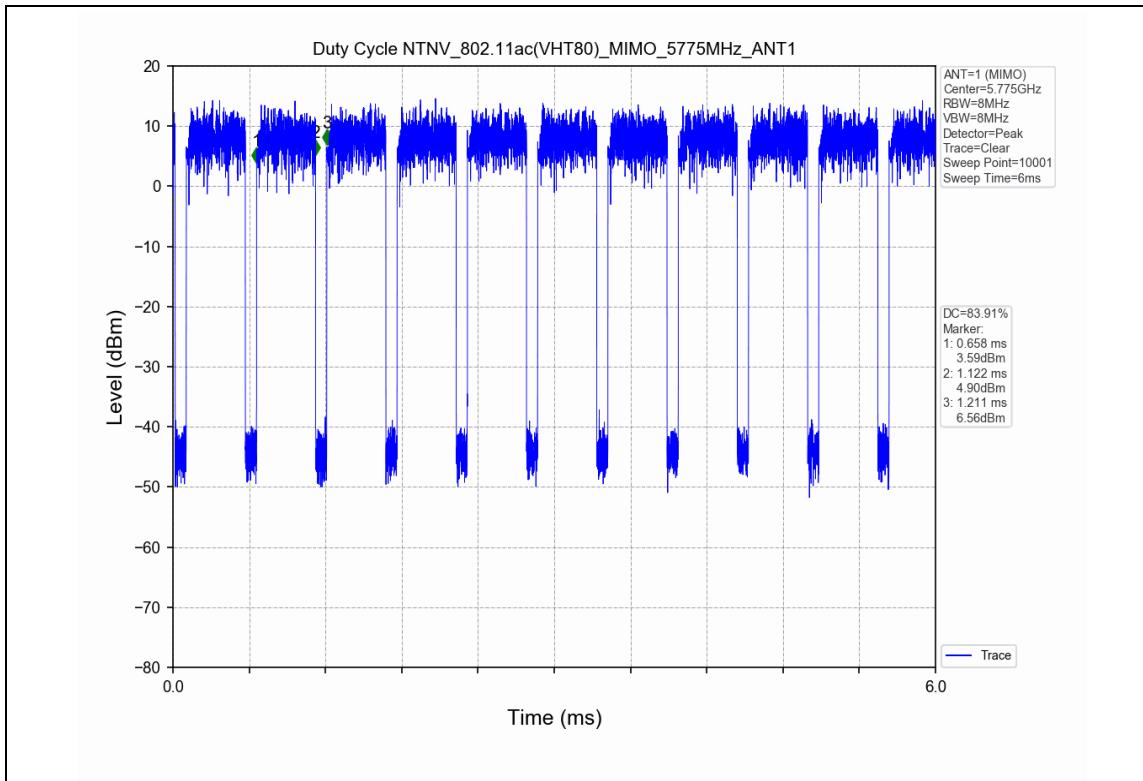
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2. Bandwidth**2.1 Test Result**

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	18.681	Only for Report Use	PASS
	5200	SISO	1	18.457	Only for Report Use	PASS
	5240	SISO	1	18.736	Only for Report Use	PASS
	5260	SISO	1	18.816	Only for Report Use	PASS
	5300	SISO	1	18.640	Only for Report Use	PASS
	5320	SISO	1	18.703	Only for Report Use	PASS
	5500	SISO	1	18.618	Only for Report Use	PASS
	5580	SISO	1	18.462	Only for Report Use	PASS
	5700	SISO	1	18.627	Only for Report Use	PASS
802.11n(HT20)	5180	MIMO	1	19.451	Only for Report Use	PASS
	5200	MIMO	1	19.583	Only for Report Use	PASS
	5240	MIMO	1	19.873	Only for Report Use	PASS
	5260	MIMO	1	19.571	Only for Report Use	PASS
	5300	MIMO	1	19.291	Only for Report Use	PASS
	5320	MIMO	1	19.195	Only for Report Use	PASS
	5500	MIMO	1	19.433	Only for Report Use	PASS
	5580	MIMO	1	19.612	Only for Report Use	PASS
	5700	MIMO	1	19.603	Only for Report Use	PASS
802.11n(HT40)	5190	MIMO	1	39.973	Only for Report Use	PASS
	5230	MIMO	1	40.235	Only for Report Use	PASS
	5270	MIMO	1	40.064	Only for Report Use	PASS
	5310	MIMO	1	39.918	Only for Report Use	PASS
	5510	MIMO	1	40.182	Only for Report Use	PASS
	5550	MIMO	1	40.049	Only for Report Use	PASS
	5670	MIMO	1	39.911	Only for Report Use	PASS
802.11ac(VHT20)	5180	MIMO	1	19.429	Only for Report Use	PASS
	5200	MIMO	1	19.398	Only for Report Use	PASS
	5240	MIMO	1	19.534	Only for Report Use	PASS
	5260	MIMO	1	19.518	Only for Report Use	PASS
	5300	MIMO	1	19.462	Only for Report Use	PASS
	5320	MIMO	1	19.334	Only for Report Use	PASS
	5500	MIMO	1	19.459	Only for Report Use	PASS
	5580	MIMO	1	19.276	Only for Report Use	PASS
	5700	MIMO	1	19.419	Only for Report Use	PASS
802.11ac(VHT40)	5190	MIMO	1	40.165	Only for Report Use	PASS
	5230	MIMO	1	39.838	Only for Report Use	PASS

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	5270	MIMO	1	39.800	Only for Report Use	PASS
	5310	MIMO	1	39.862	Only for Report Use	PASS
	5510	MIMO	1	39.981	Only for Report Use	PASS
	5550	MIMO	1	39.907	Only for Report Use	PASS
	5670	MIMO	1	40.183	Only for Report Use	PASS
802.11ac(VHT80)	5210	MIMO	1	81.718	Only for Report Use	PASS
	5290	MIMO	1	82.529	Only for Report Use	PASS
	5530	MIMO	1	82.281	Only for Report Use	PASS
	5610	MIMO	1	81.812	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.676	≥0.5	PASS
	5785	SISO	1	15.868	≥0.5	PASS
	5825	SISO	1	15.097	≥0.5	PASS
802.11n(HT20)	5745	MIMO	1	15.092	≥0.5	PASS
	5785	MIMO	1	15.374	≥0.5	PASS
	5825	MIMO	1	15.178	≥0.5	PASS
802.11n(HT40)	5755	MIMO	1	34.026	≥0.5	PASS
	5795	MIMO	1	35.253	≥0.5	PASS
802.11ac(VHT20)	5745	MIMO	1	13.484	≥0.5	PASS
	5785	MIMO	1	15.162	≥0.5	PASS
	5825	MIMO	1	15.163	≥0.5	PASS
802.11ac(VHT40)	5755	MIMO	1	35.231	≥0.5	PASS
	5795	MIMO	1	35.298	≥0.5	PASS
802.11ac(VHT80)	5775	MIMO	1	73.928	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.317	Only for Report Use
	5200	SISO	1	16.292	Only for Report Use
	5240	SISO	1	16.327	Only for Report Use
	5260	SISO	1	16.324	Only for Report Use
	5300	SISO	1	16.340	Only for Report Use
	5320	SISO	1	16.309	Only for Report Use
	5500	SISO	1	16.328	Only for Report Use
	5580	SISO	1	16.303	Only for Report Use
	5700	SISO	1	16.299	Only for Report Use
	5745	SISO	1	16.300	Only for Report Use
	5785	SISO	1	16.295	Only for Report Use

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	5825	SISO	1	16.317	Only for Report Use
802.11n(HT20)	5180	MIMO	1	17.424	Only for Report Use
	5200	MIMO	1	17.444	Only for Report Use
	5240	MIMO	1	17.426	Only for Report Use
	5260	MIMO	1	17.417	Only for Report Use
	5300	MIMO	1	17.449	Only for Report Use
	5320	MIMO	1	17.422	Only for Report Use
	5500	MIMO	1	17.417	Only for Report Use
	5580	MIMO	1	17.416	Only for Report Use
	5700	MIMO	1	17.446	Only for Report Use
	5745	MIMO	1	17.450	Only for Report Use
	5785	MIMO	1	17.432	Only for Report Use
	5825	MIMO	1	17.436	Only for Report Use
802.11n(HT40)	5190	MIMO	1	35.910	Only for Report Use
	5230	MIMO	1	35.882	Only for Report Use
	5270	MIMO	1	36.005	Only for Report Use
	5310	MIMO	1	35.977	Only for Report Use
	5510	MIMO	1	35.970	Only for Report Use
	5550	MIMO	1	35.951	Only for Report Use
	5670	MIMO	1	35.927	Only for Report Use
	5755	MIMO	1	35.917	Only for Report Use
	5795	MIMO	1	35.993	Only for Report Use
	5180	MIMO	1	17.393	Only for Report Use
802.11ac(VHT20)	5200	MIMO	1	17.409	Only for Report Use
	5240	MIMO	1	17.411	Only for Report Use
	5260	MIMO	1	17.393	Only for Report Use
	5300	MIMO	1	17.409	Only for Report Use
	5320	MIMO	1	17.405	Only for Report Use
	5500	MIMO	1	17.412	Only for Report Use
	5580	MIMO	1	17.421	Only for Report Use
	5700	MIMO	1	17.409	Only for Report Use
	5745	MIMO	1	17.415	Only for Report Use
	5785	MIMO	1	17.419	Only for Report Use
	5825	MIMO	1	17.425	Only for Report Use
	5190	MIMO	1	35.873	Only for Report Use
802.11ac(VHT40)	5230	MIMO	1	35.859	Only for Report Use
	5270	MIMO	1	35.889	Only for Report Use
	5310	MIMO	1	35.903	Only for Report Use
	5510	MIMO	1	35.947	Only for Report Use
	5550	MIMO	1	35.917	Only for Report Use

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	5670	MIMO	1	35.904	Only for Report Use
	5755	MIMO	1	35.863	Only for Report Use
	5795	MIMO	1	35.872	Only for Report Use
802.11ac(VHT80)	5210	MIMO	1	74.995	Only for Report Use
	5290	MIMO	1	75.087	Only for Report Use
	5530	MIMO	1	75.016	Only for Report Use
	5610	MIMO	1	75.066	Only for Report Use
	5775	MIMO	1	75.159	Only for Report Use

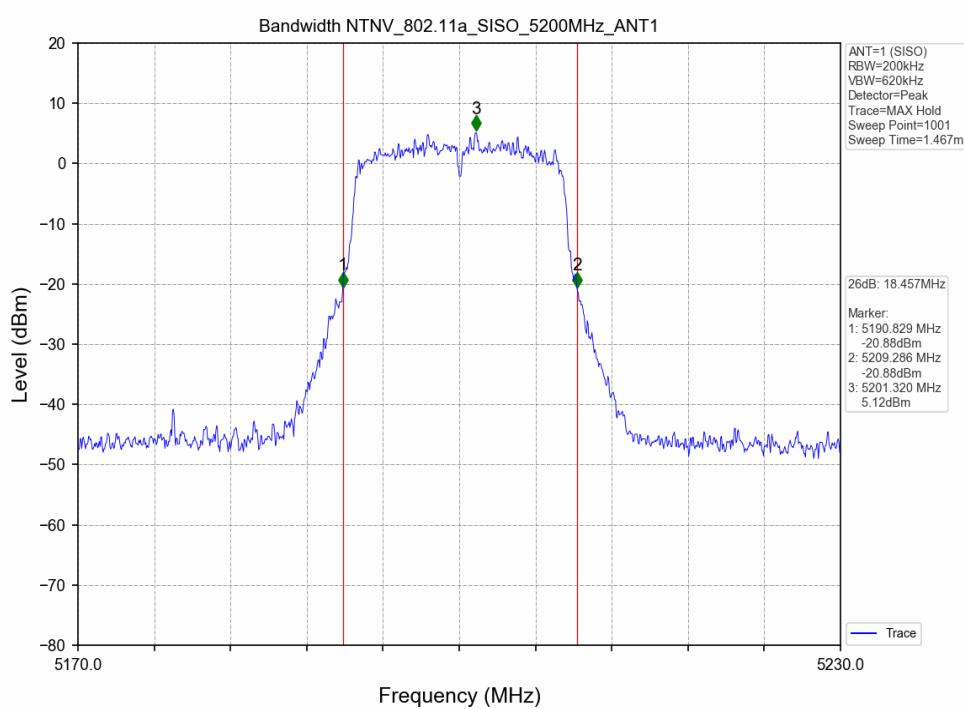
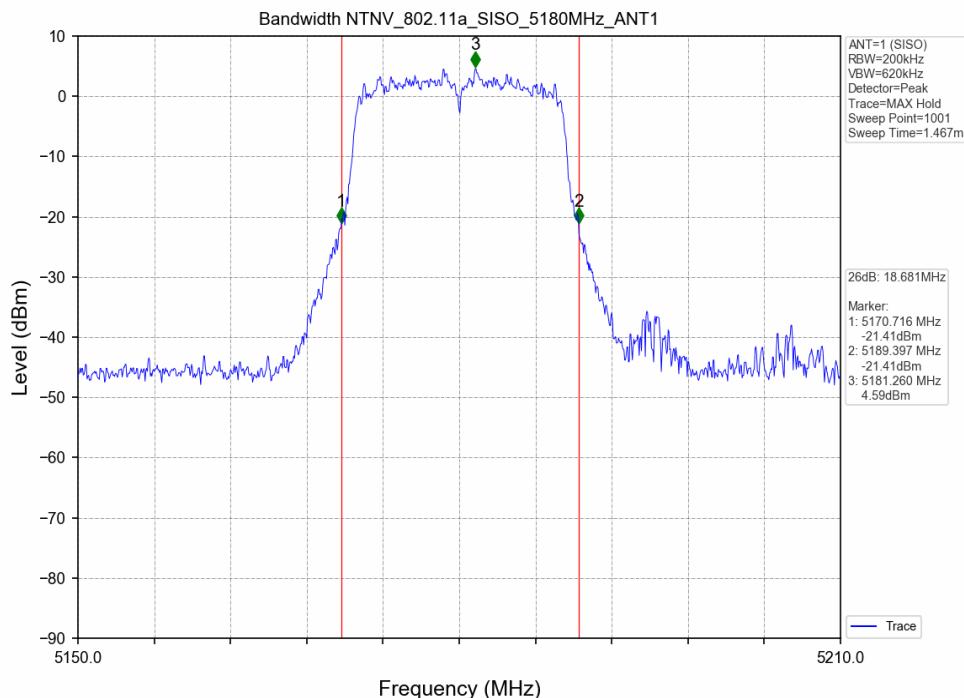
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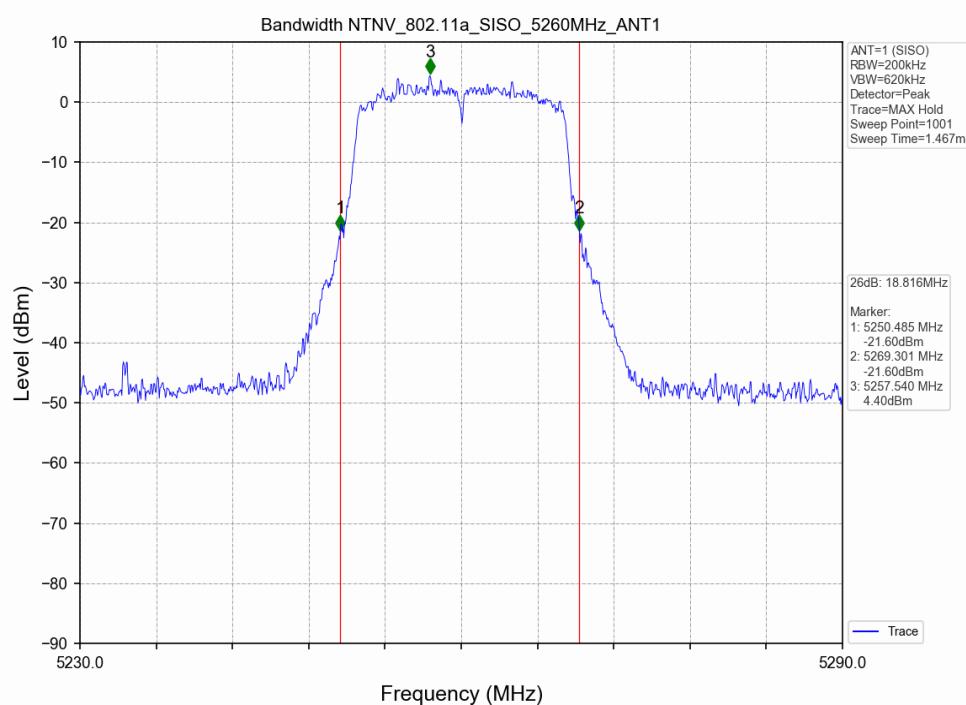
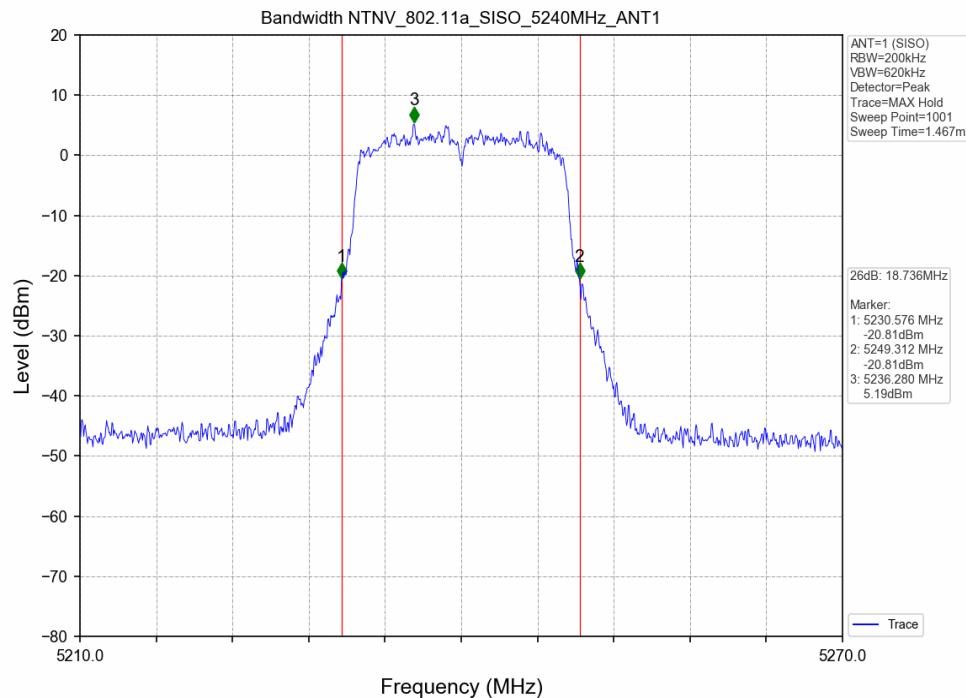
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2.2 Test Graph - Emission Bandwidth



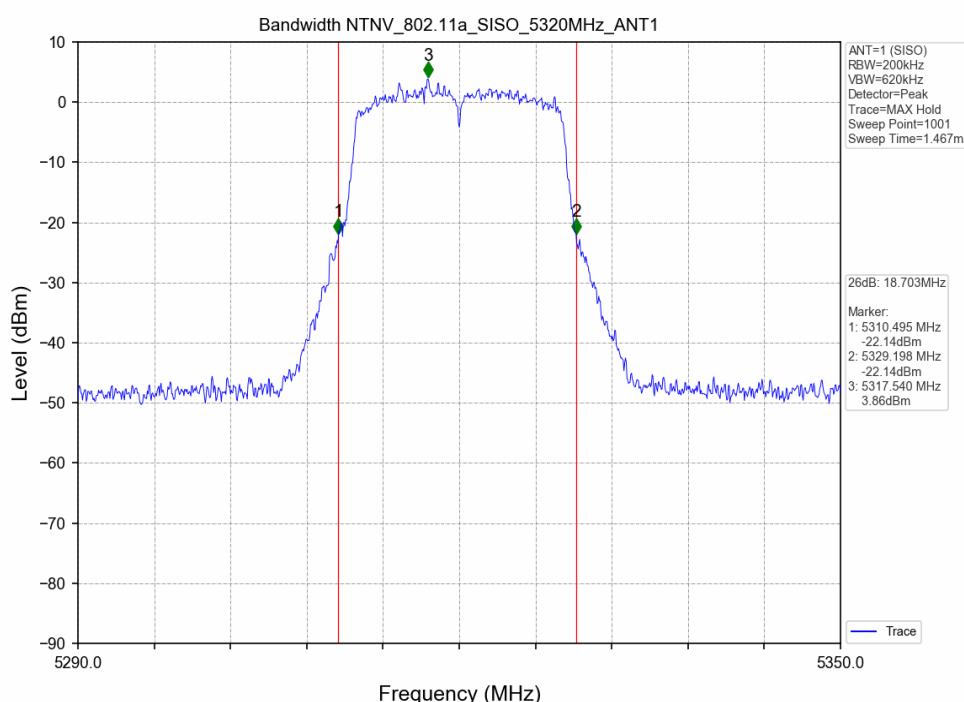
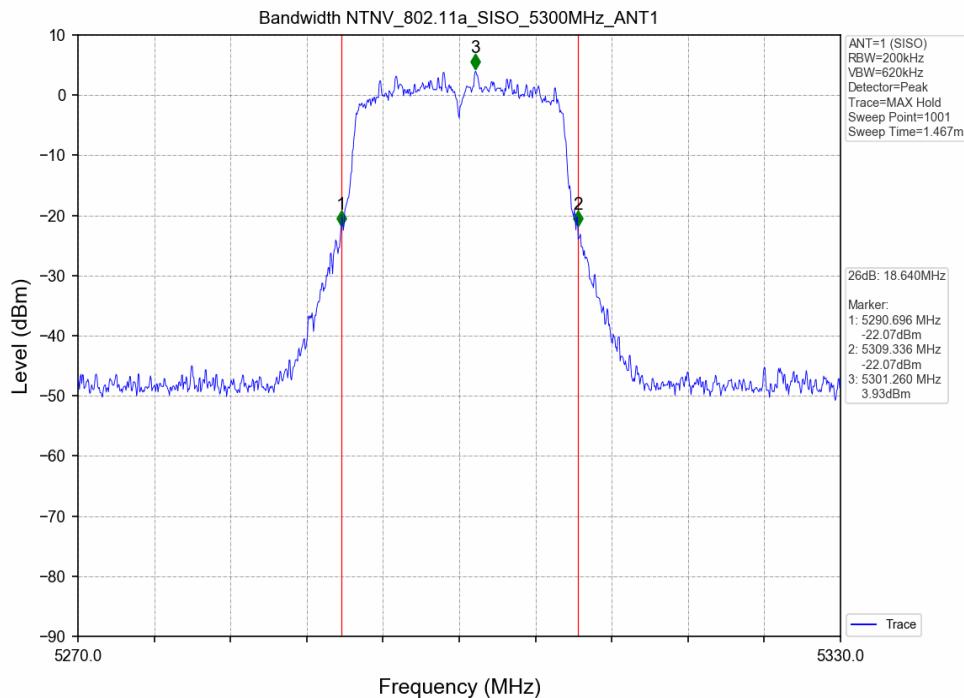
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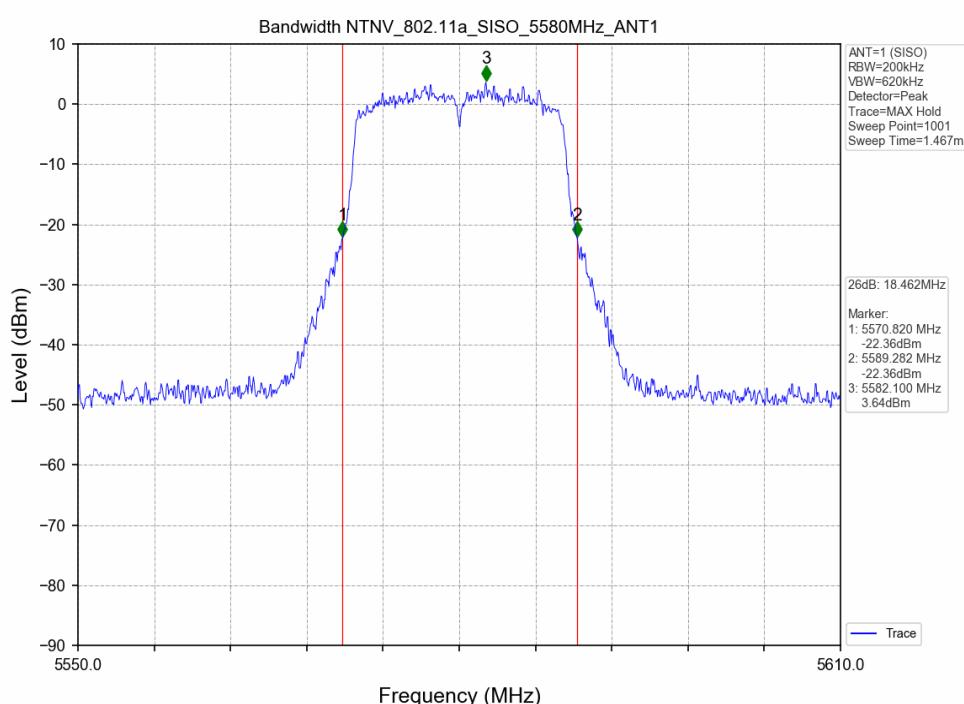
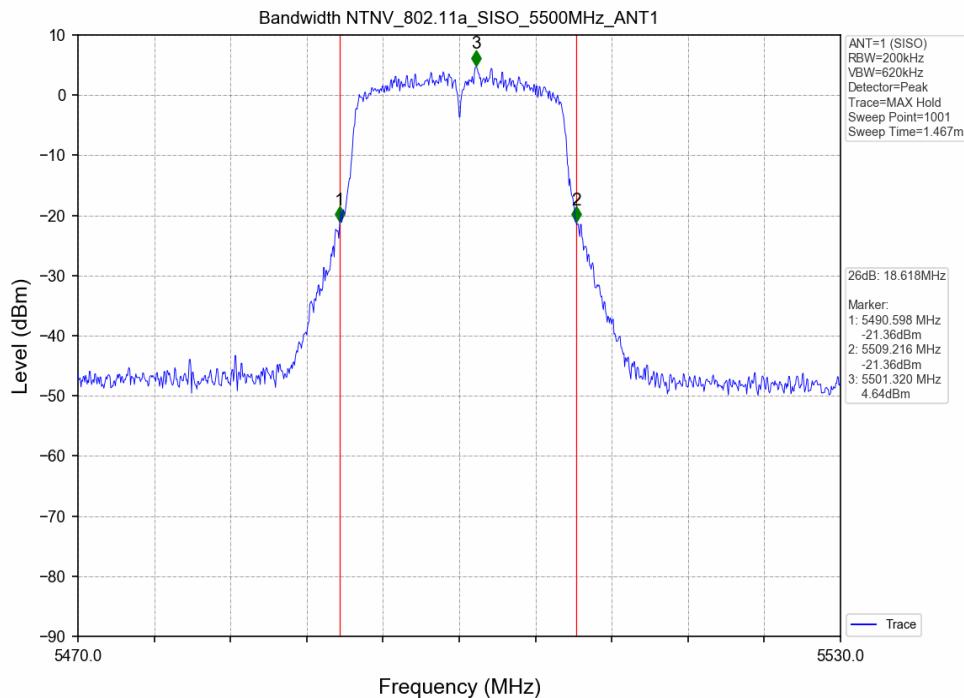
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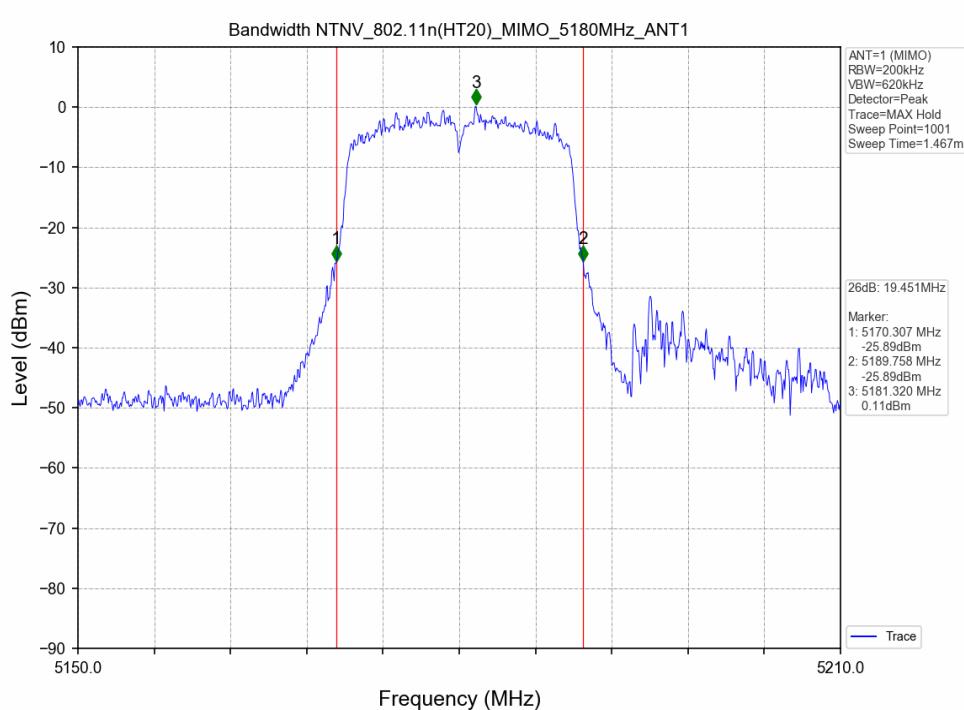
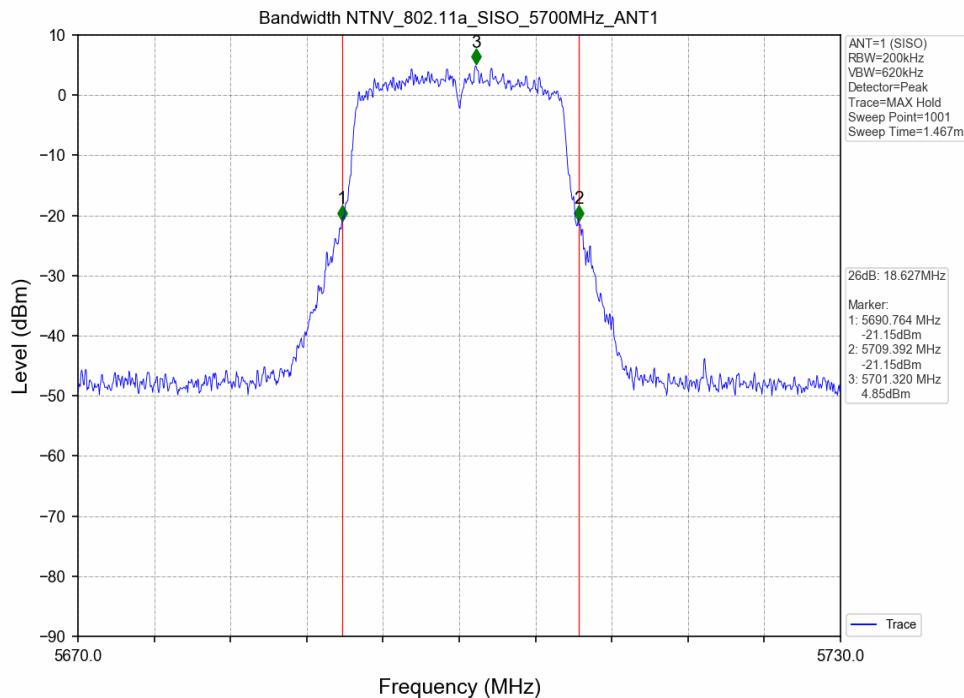
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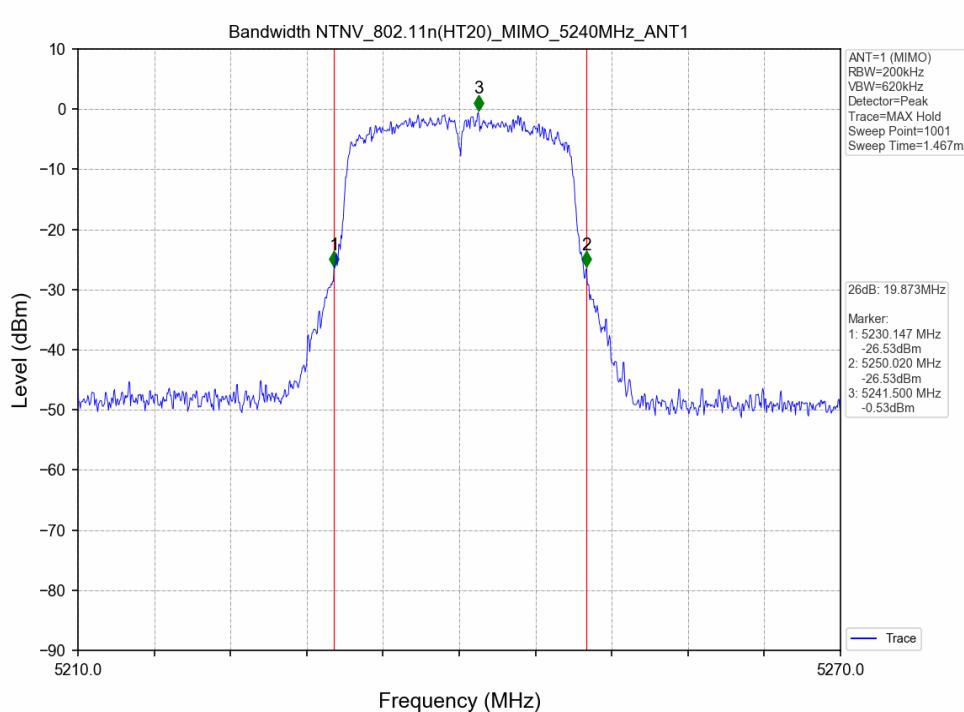
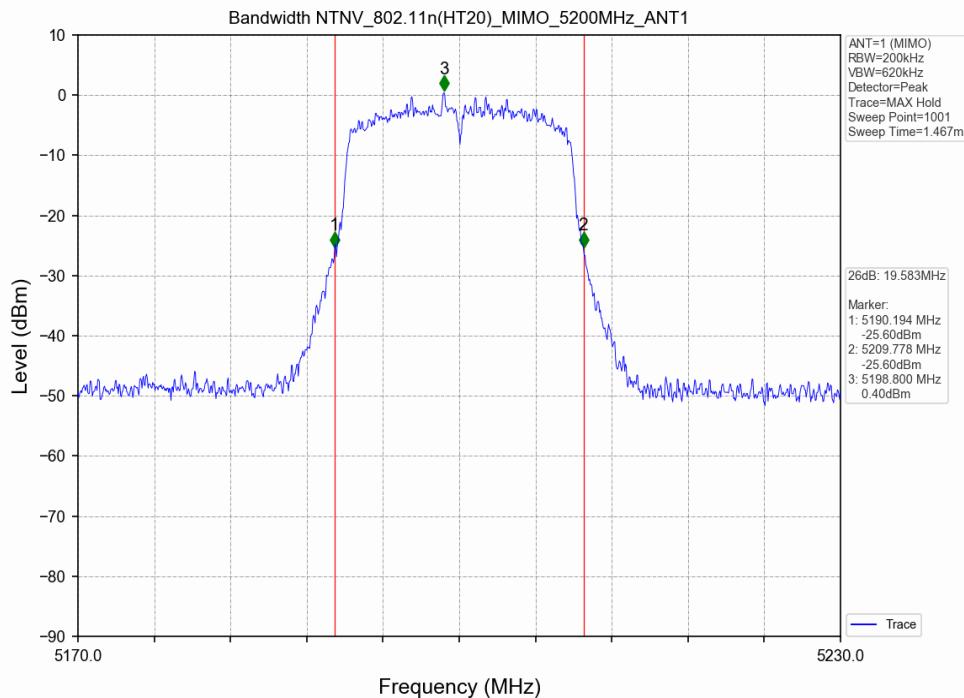
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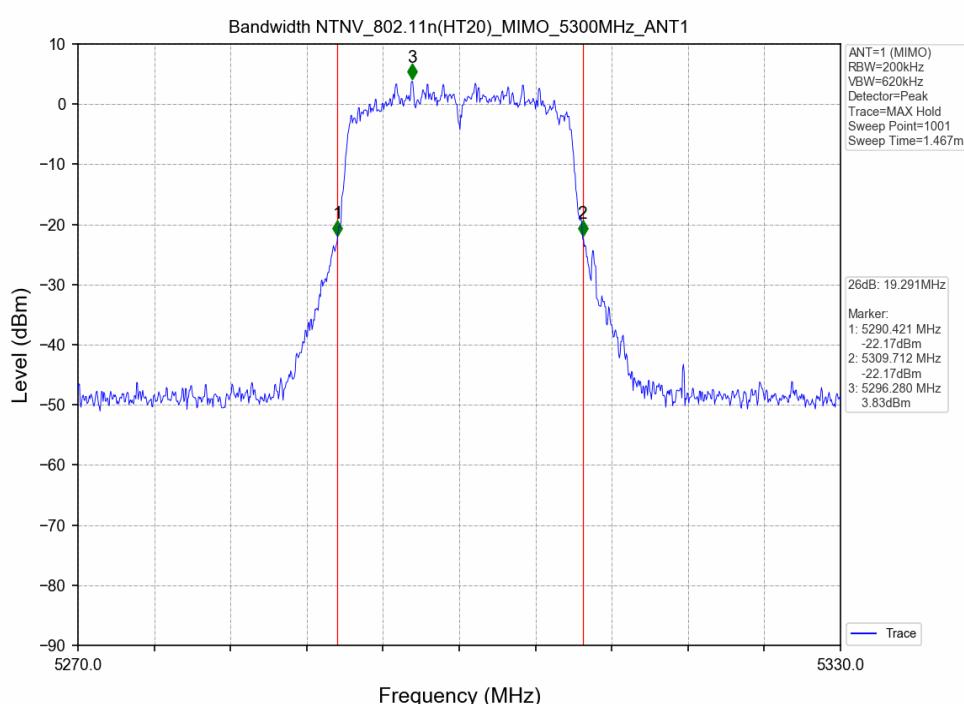
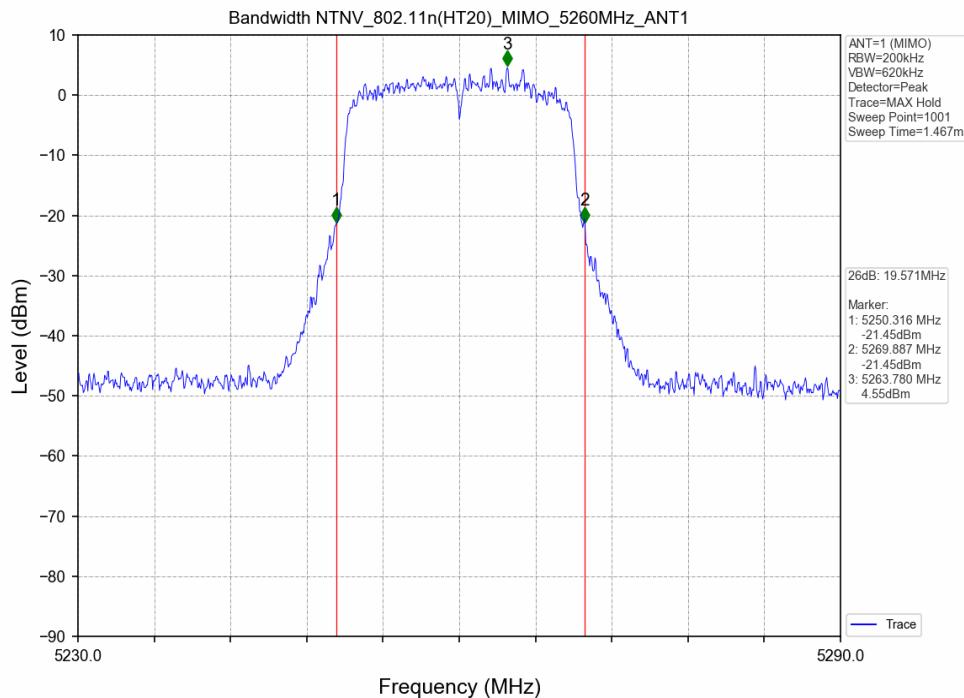
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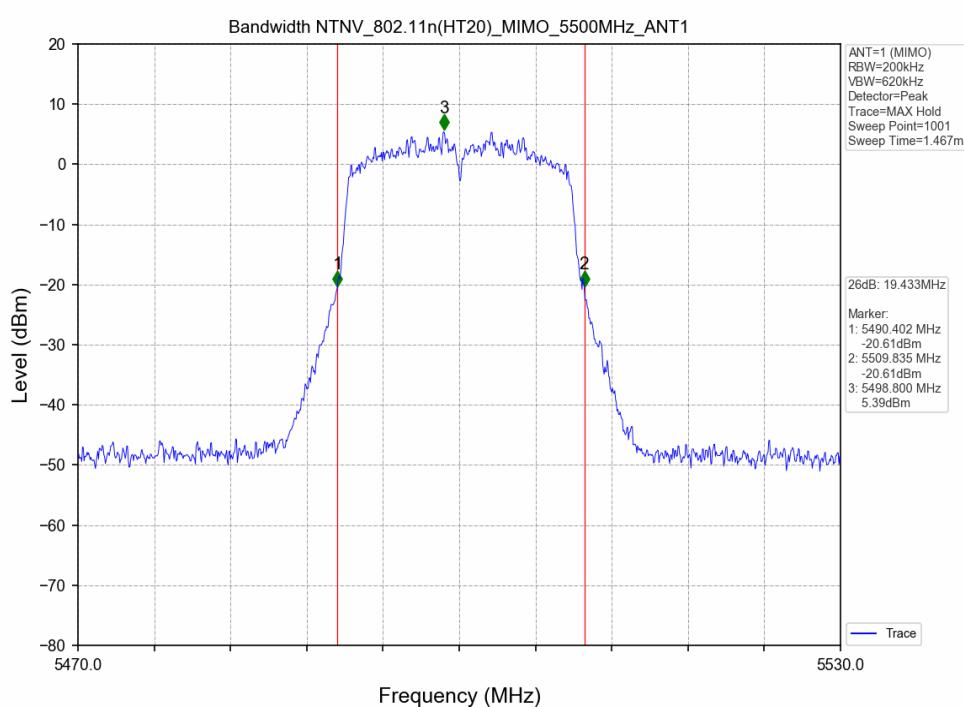
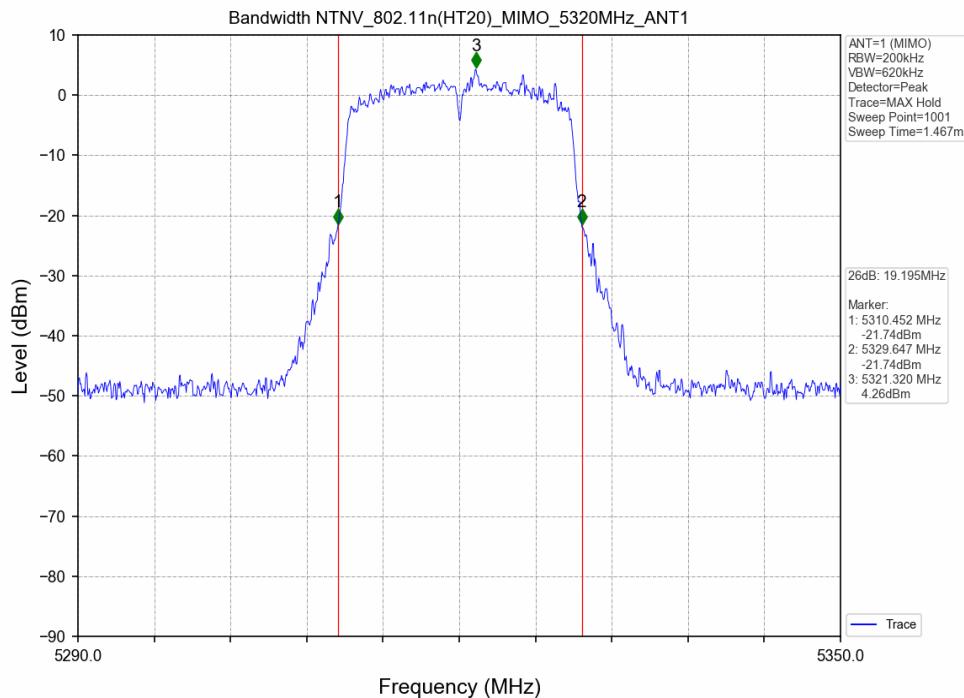
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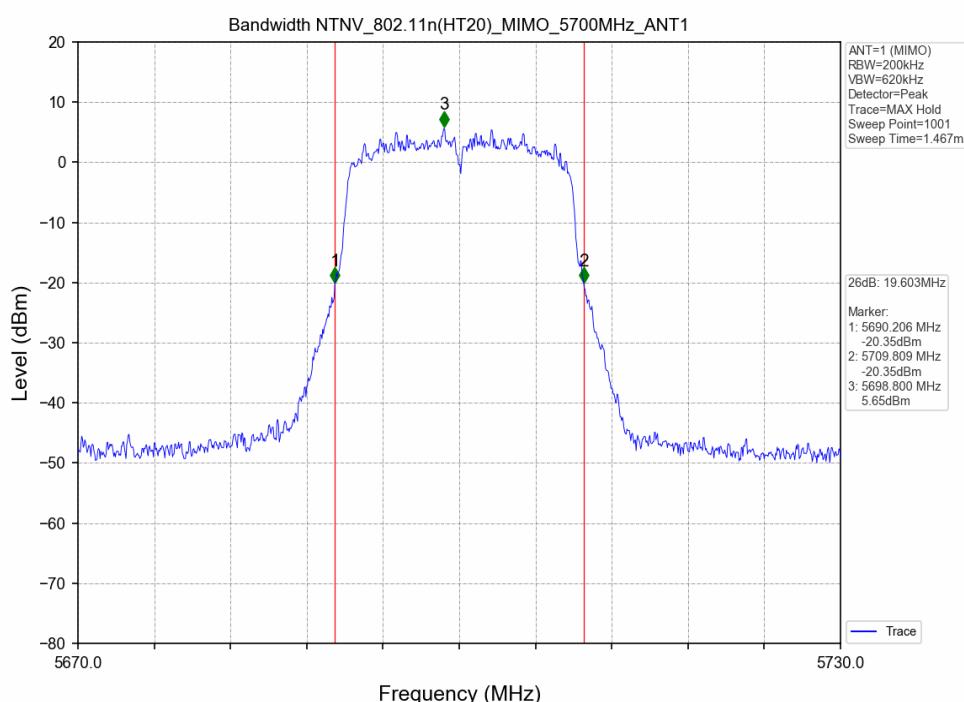
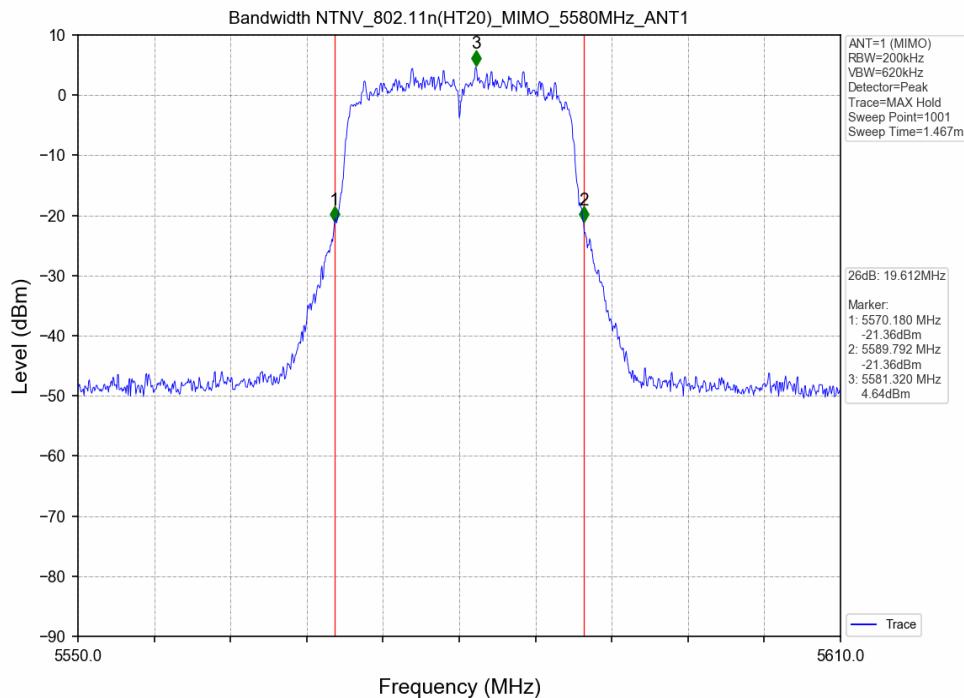
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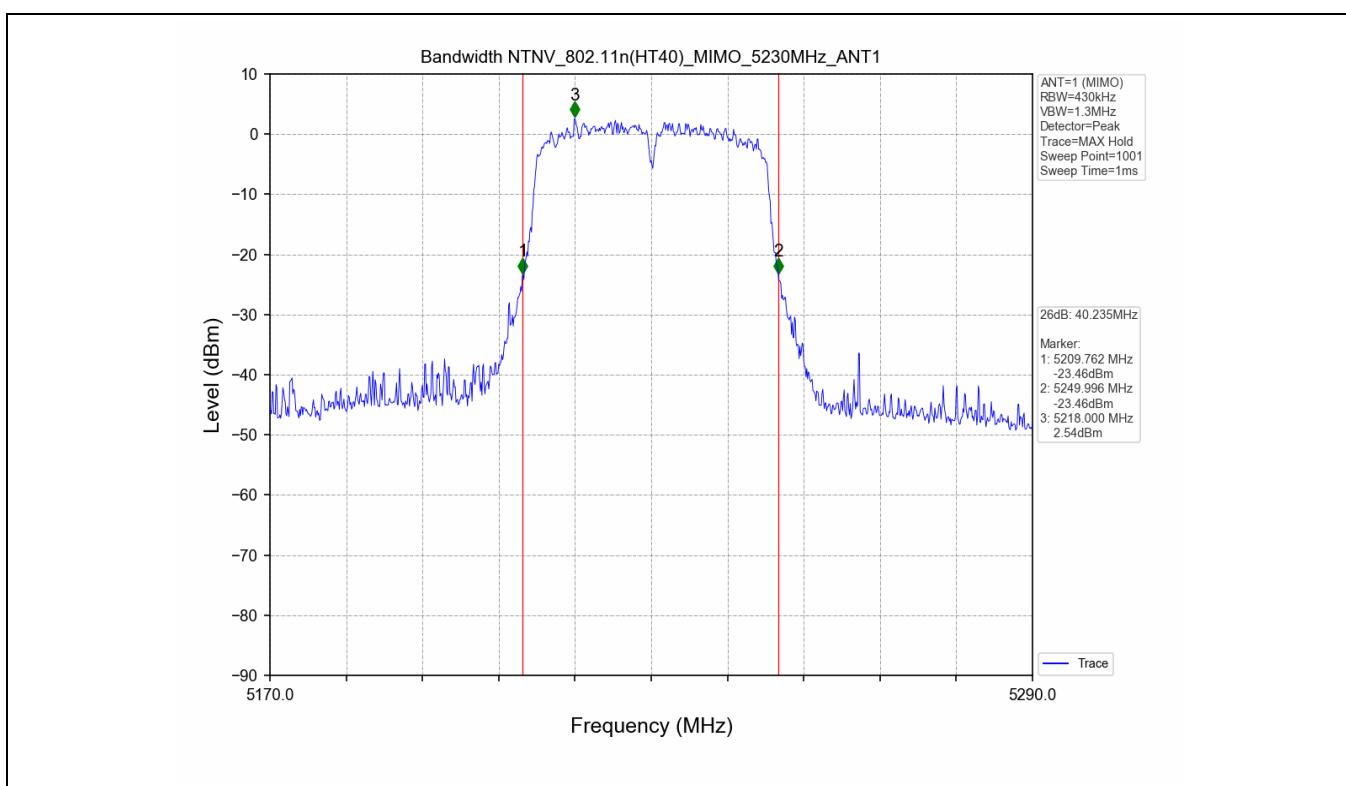
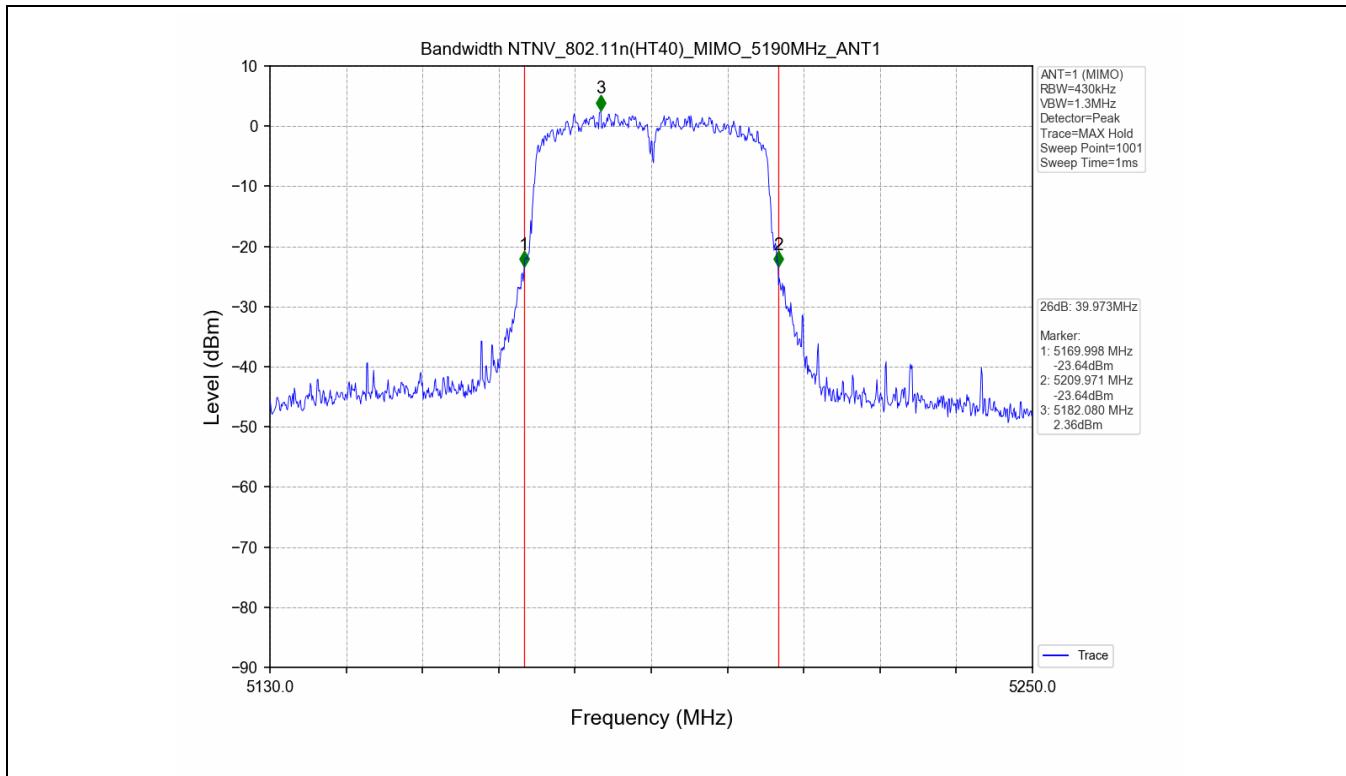
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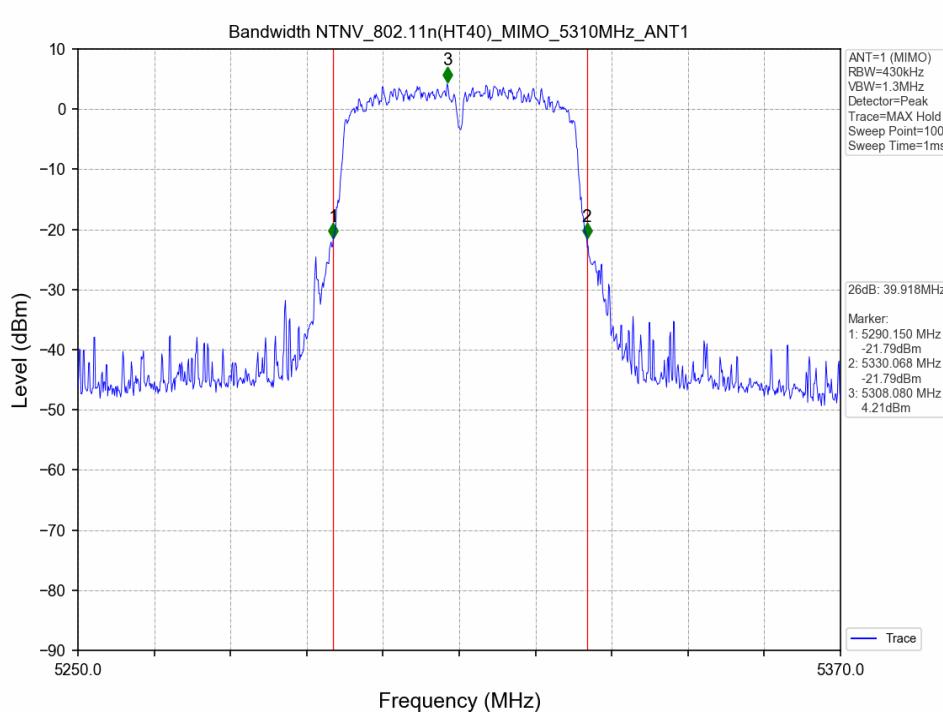
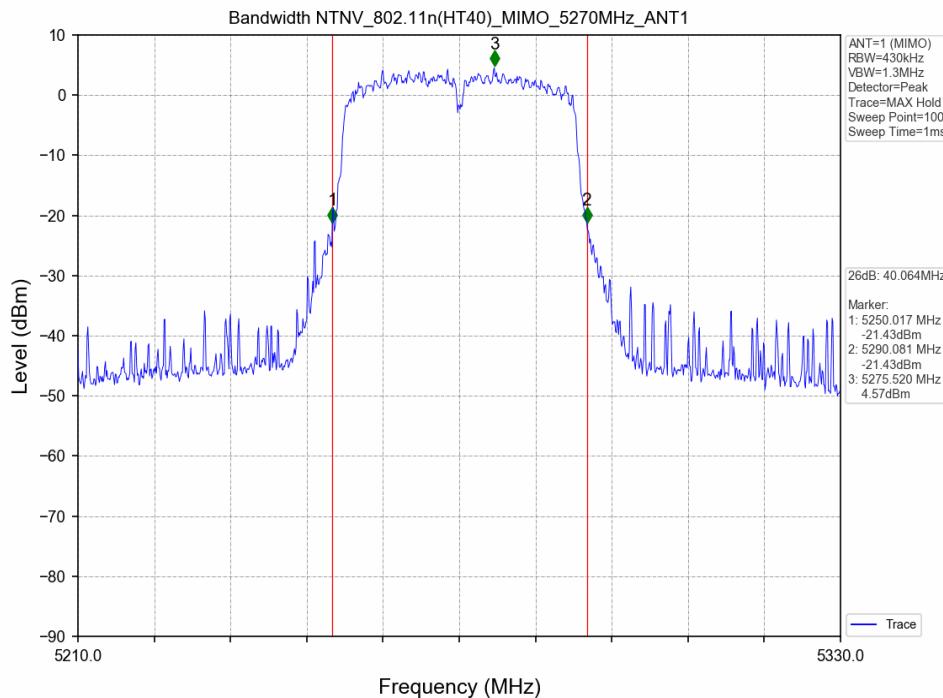
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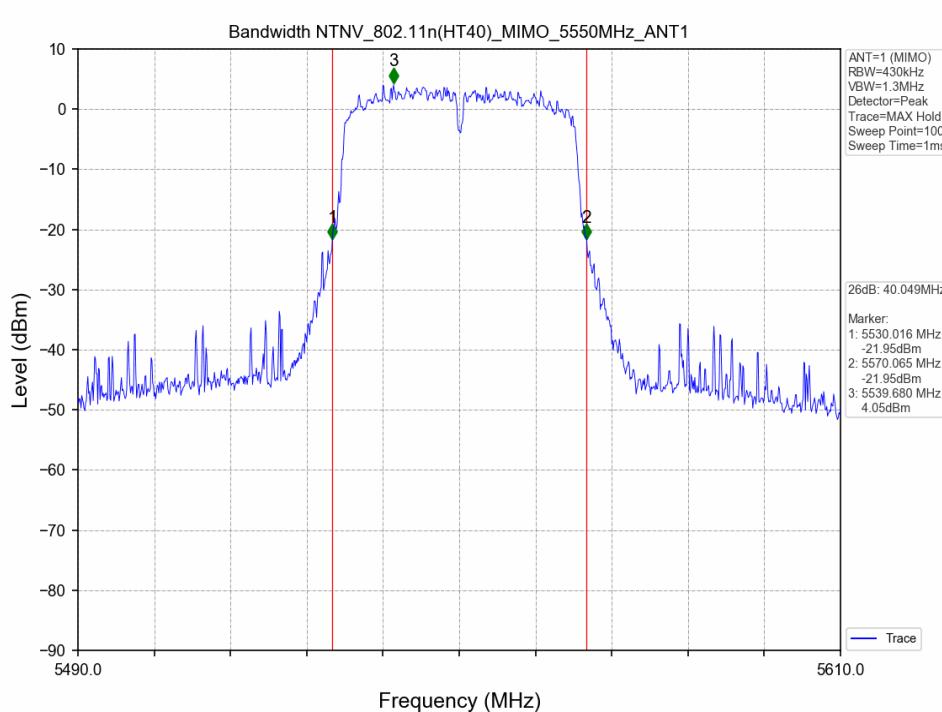
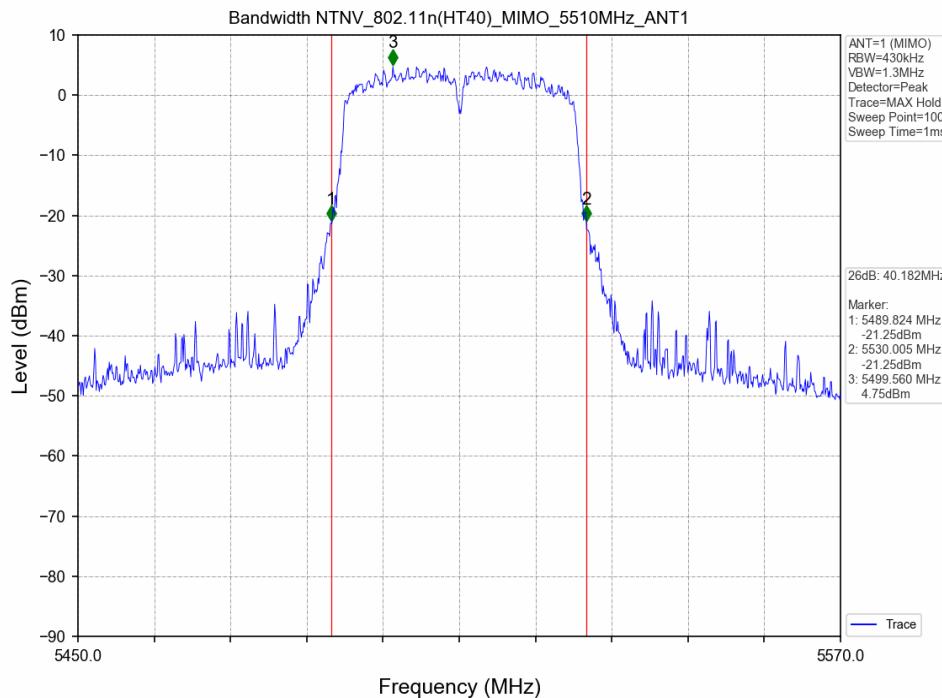
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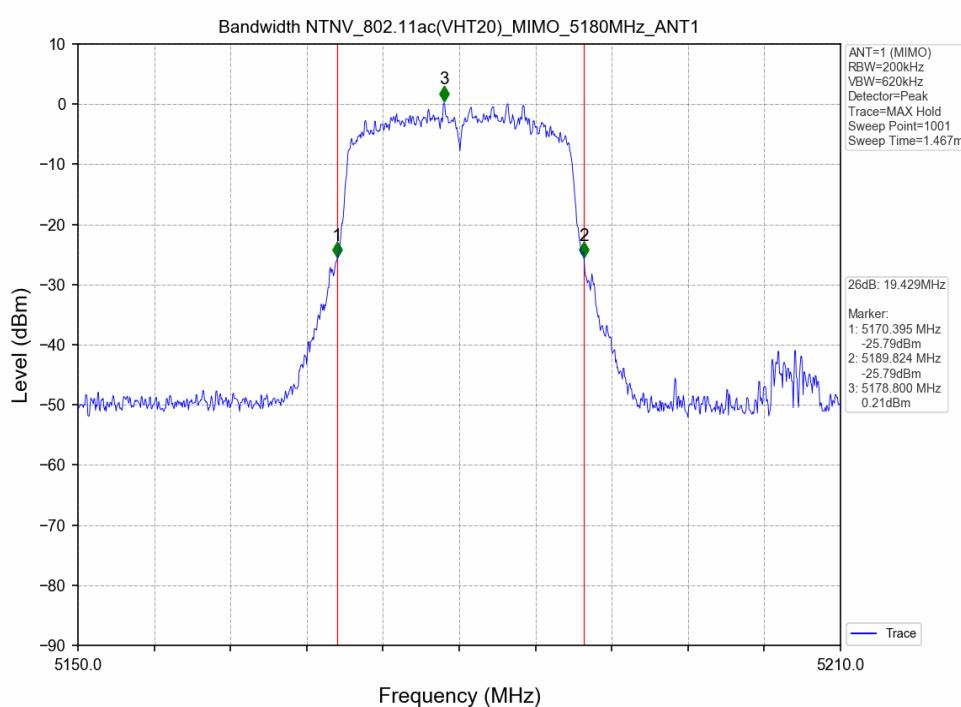
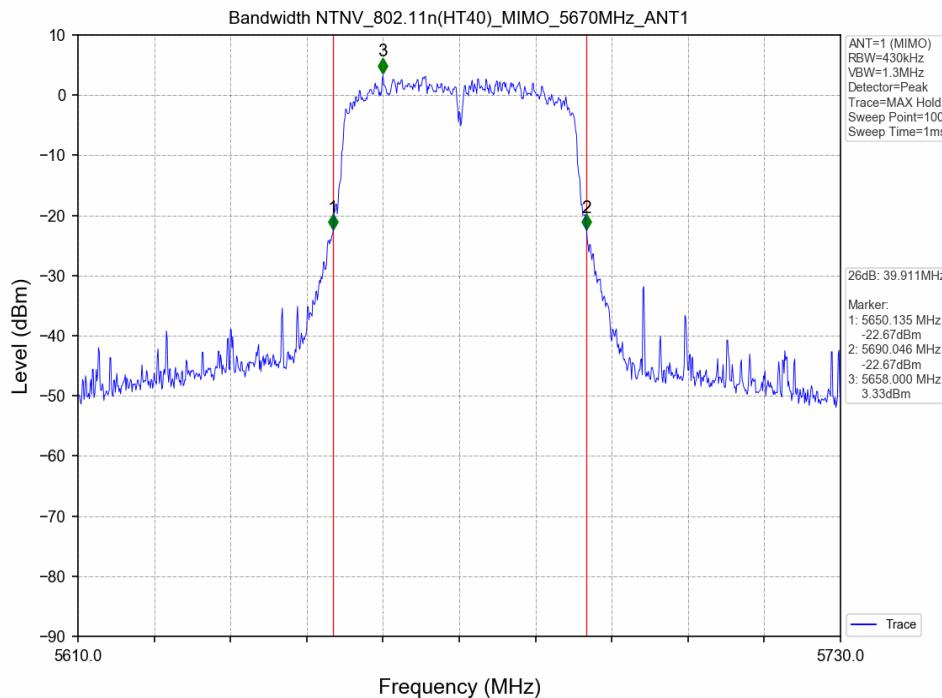
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