

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	0.176	0.518	33.98	4.69
	5200	SISO	1	0.177	0.518	34.17	4.66
	5240	SISO	1	0.176	0.518	33.98	4.69
	5260	SISO	1	0.176	0.517	34.04	4.68
	5300	SISO	1	0.176	0.518	33.98	4.69
	5320	SISO	1	0.176	0.527	33.40	4.76
	5500	SISO	1	0.176	0.518	33.98	4.69
	5580	SISO	1	0.176	0.518	33.98	4.69
	5600	SISO	1	0.176	0.518	33.98	4.69
	5700	SISO	1	0.176	0.518	33.98	4.69
	5745	SISO	1	0.176	0.536	32.84	4.84
	5785	SISO	1	0.175	0.517	33.85	4.70
802.11n(HT20)	5180	MIMO	1	0.460	0.802	57.36	2.41
	5200	MIMO	1	0.460	0.811	56.72	2.46
	5240	MIMO	1	0.459	0.802	57.23	2.42
	5260	MIMO	1	0.459	0.802	57.23	2.42
	5300	MIMO	1	0.460	0.810	56.79	2.46
	5320	MIMO	1	0.460	0.811	56.72	2.46
	5500	MIMO	1	0.460	0.812	56.65	2.47
	5580	MIMO	1	0.459	0.801	57.30	2.42
	5600	MIMO	1	0.460	0.811	56.72	2.46
	5700	MIMO	1	0.460	0.802	57.36	2.41
	5745	MIMO	1	0.460	0.810	56.79	2.46
	5785	MIMO	1	0.460	0.811	56.72	2.46
802.11n(HT40)	5825	MIMO	1	0.459	0.810	56.67	2.47
	5190	MIMO	1	0.240	0.581	41.31	3.84
	5230	MIMO	1	0.239	0.581	41.14	3.86
	5270	MIMO	1	0.240	0.581	41.31	3.84
	5310	MIMO	1	0.239	0.580	41.21	3.85
	5510	MIMO	1	0.239	0.581	41.14	3.86

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	5550	MIMO	1	0.239	0.581	41.14	3.86
	5590	MIMO	1	0.240	0.581	41.31	3.84
	5670	MIMO	1	0.240	0.670	35.82	4.46
	5755	MIMO	1	0.240	0.582	41.24	3.85
	5795	MIMO	1	0.239	0.581	41.14	3.86
802.11ac(VHT20)	5180	MIMO	1	0.324	0.650	49.85	3.02
	5200	MIMO	1	0.324	0.651	49.77	3.03
	5240	MIMO	1	0.324	0.642	50.47	2.97
	5260	MIMO	1	0.325	0.668	48.65	3.13
	5300	MIMO	1	0.324	0.650	49.85	3.02
	5320	MIMO	1	0.324	0.650	49.85	3.02
	5500	MIMO	1	0.324	0.651	49.77	3.03
	5580	MIMO	1	0.324	0.642	50.47	2.97
	5600	MIMO	1	0.324	0.642	50.47	2.97
	5700	MIMO	1	0.324	0.651	49.77	3.03
	5745	MIMO	1	0.324	0.642	50.47	2.97
	5785	MIMO	1	0.325	0.659	49.32	3.07
	5825	MIMO	1	0.325	0.651	49.92	3.02
	5190	MIMO	1	0.192	0.519	36.99	4.32
802.11ac(VHT40)	5230	MIMO	1	0.192	0.519	36.99	4.32
	5270	MIMO	1	0.193	0.520	37.12	4.30
	5310	MIMO	1	0.193	0.519	37.19	4.30
	5510	MIMO	1	0.192	0.519	36.99	4.32
	5550	MIMO	1	0.193	0.519	37.19	4.30
	5590	MIMO	1	0.192	0.537	35.75	4.47
	5670	MIMO	1	0.193	0.520	37.12	4.30
	5755	MIMO	1	0.192	0.536	35.82	4.46
	5795	MIMO	1	0.192	0.519	36.99	4.32
	5210	MIMO	1	0.193	0.519	37.19	4.30
802.11ac(VHT80)	5290	MIMO	1	0.116	0.452	25.66	5.91
	5530	MIMO	1	0.117	0.469	24.95	6.03
	5610	MIMO	1	0.116	0.452	25.66	5.91
	5775	MIMO	1	0.116	0.452	25.66	5.91

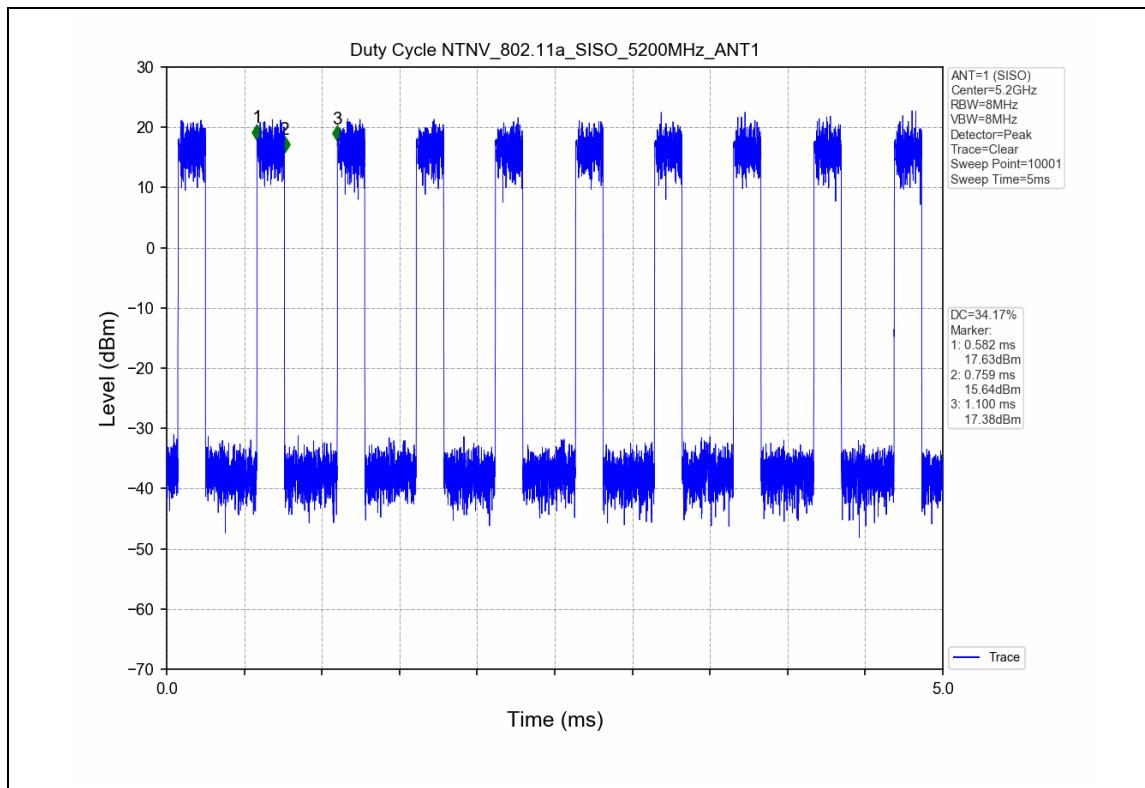
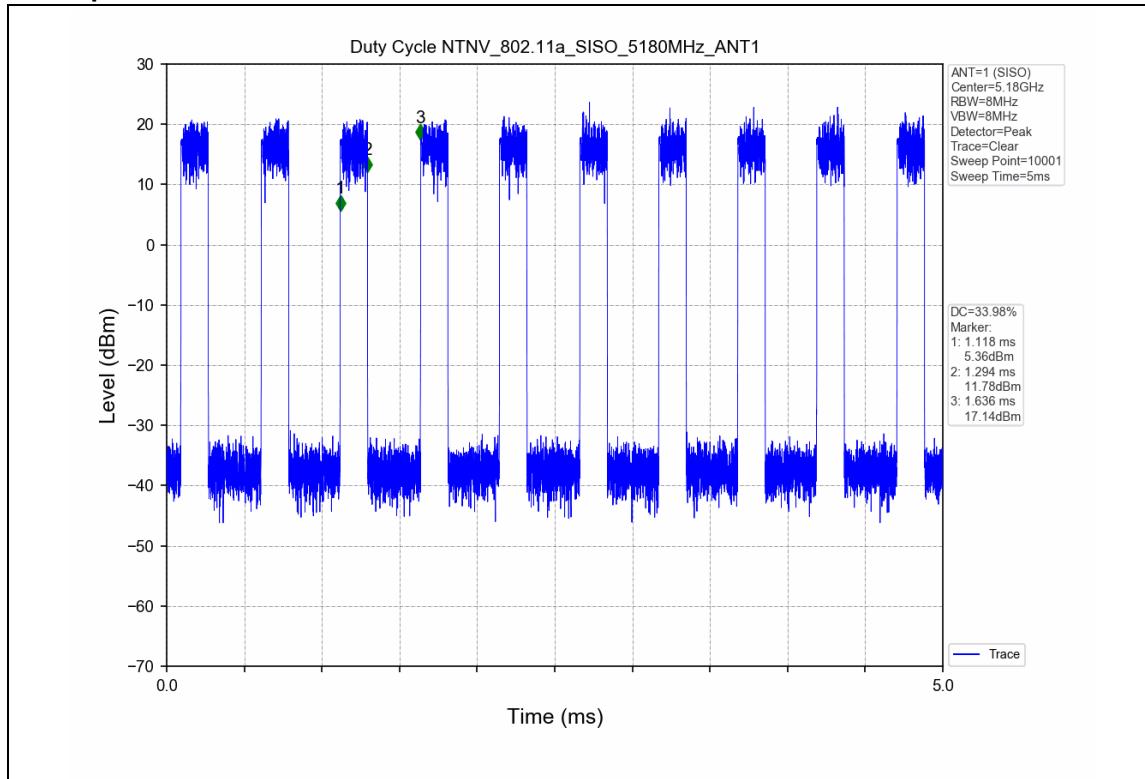
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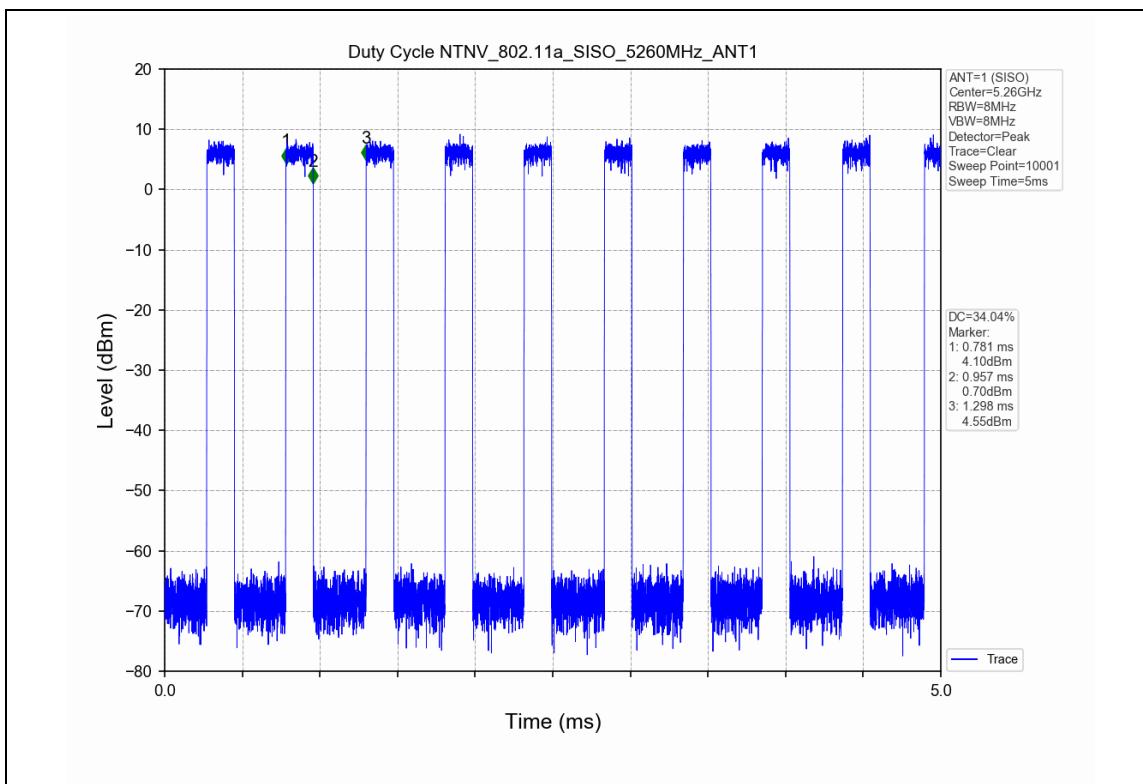
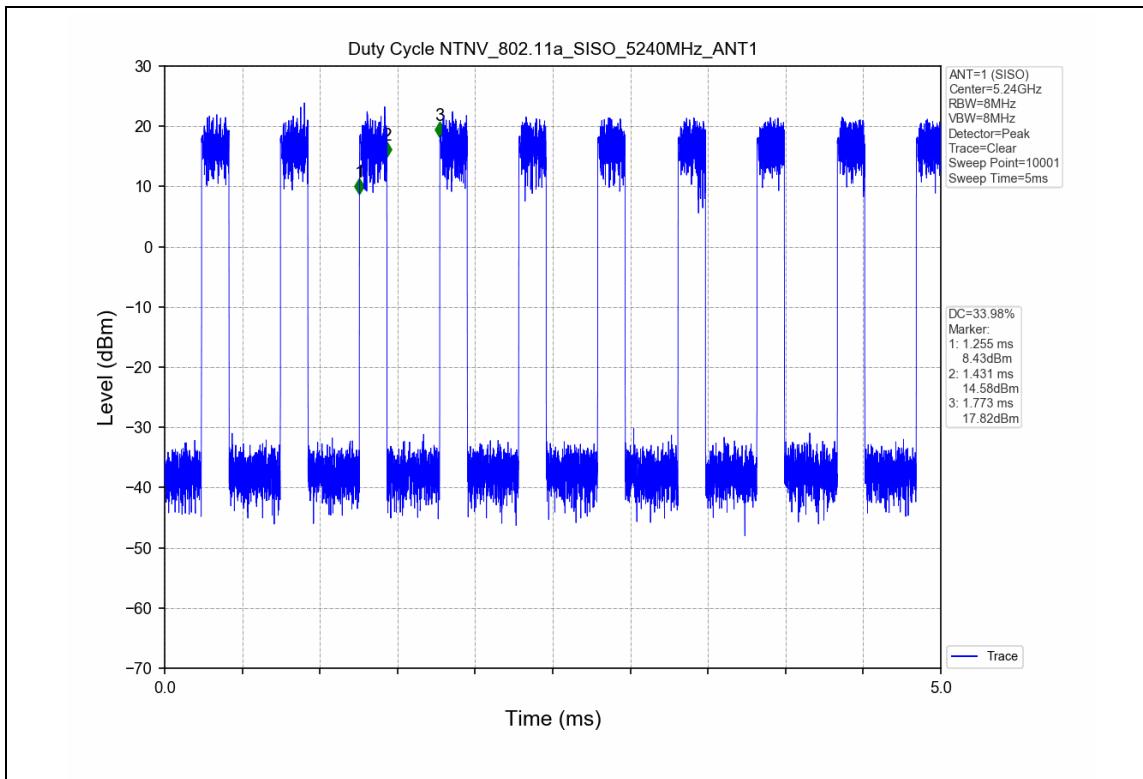
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1.2 Test Graph



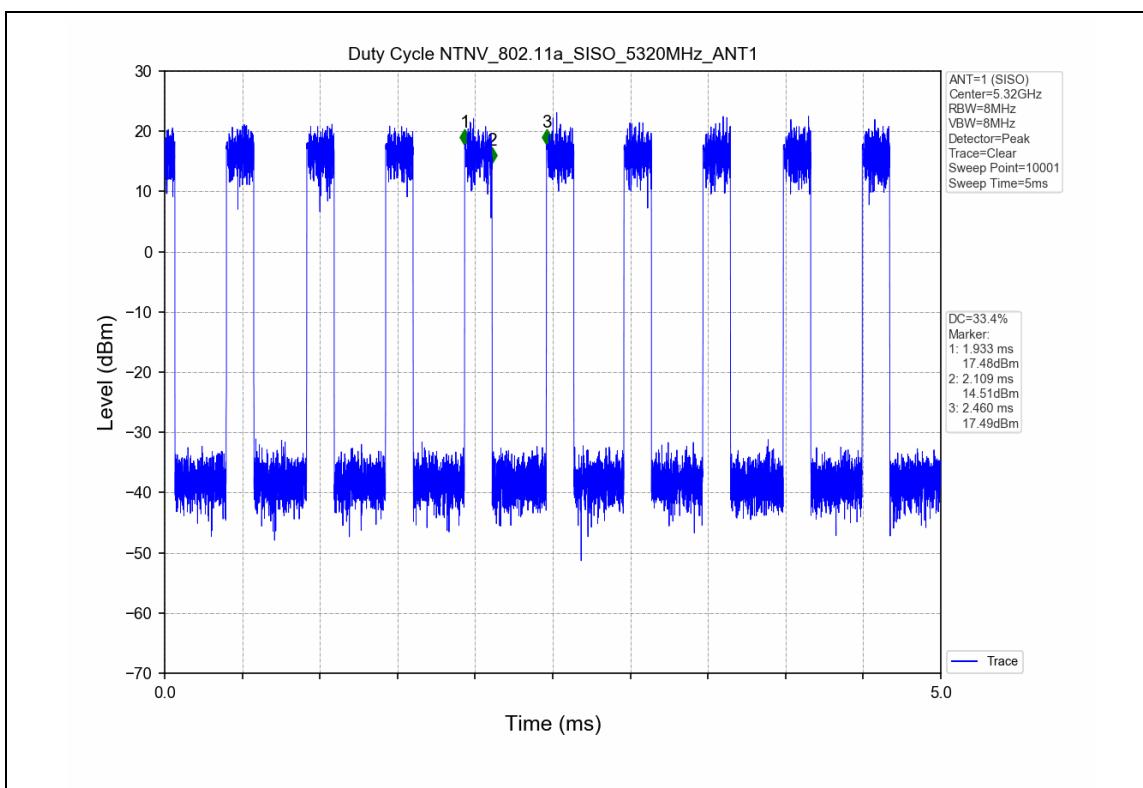
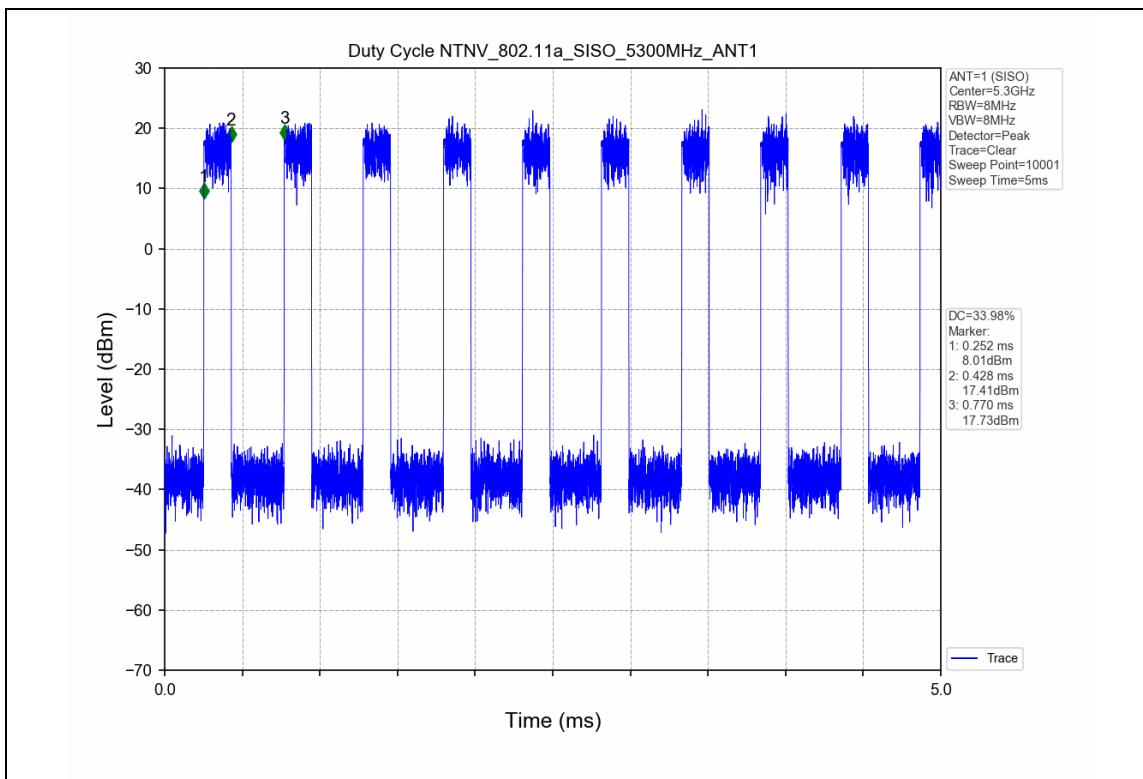
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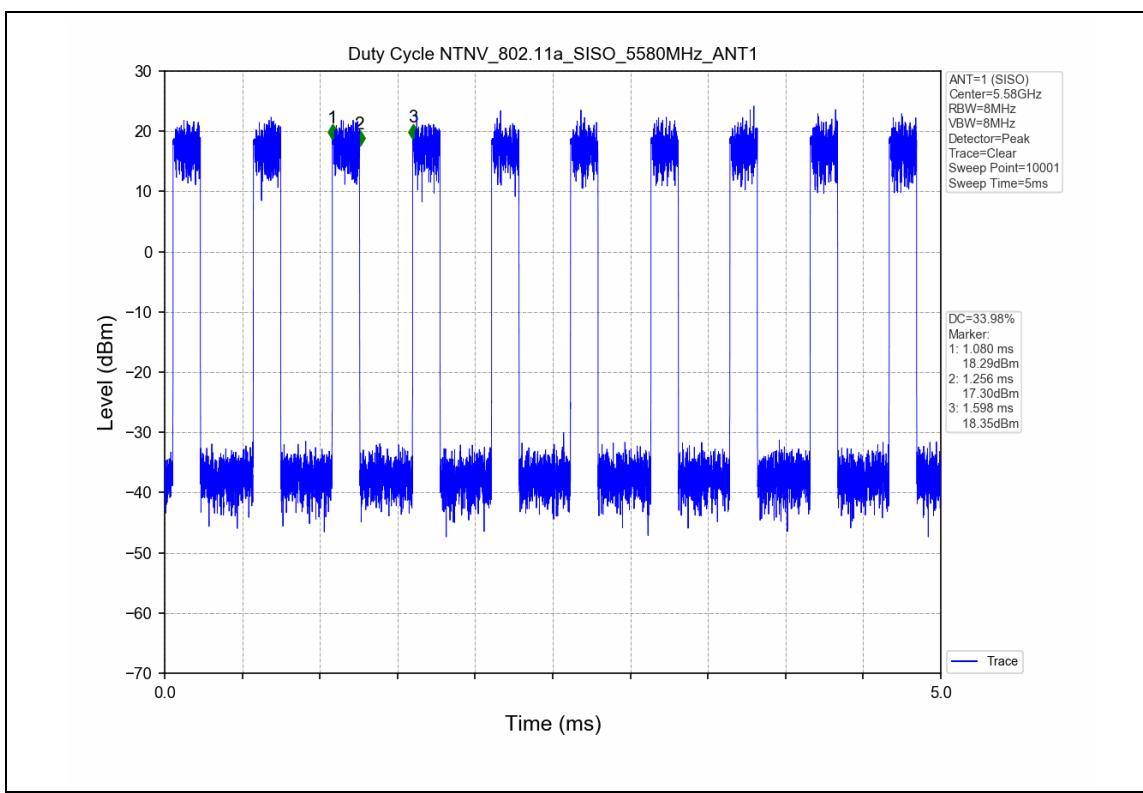
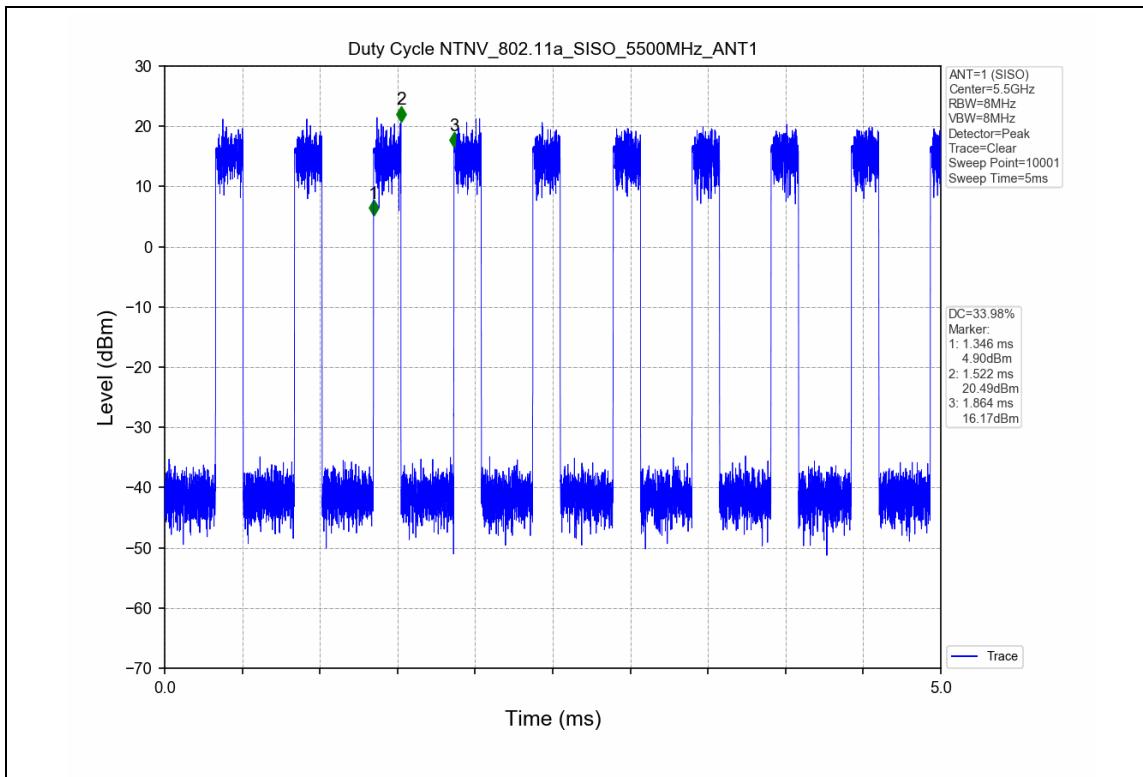
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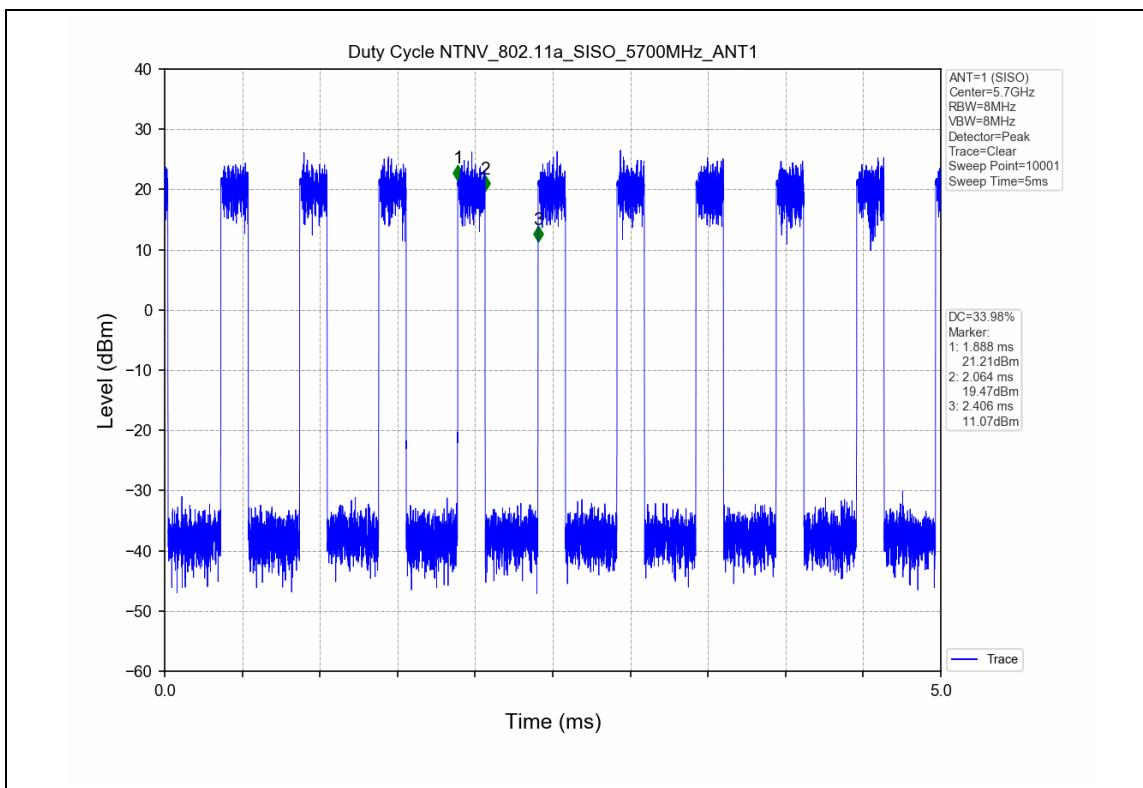
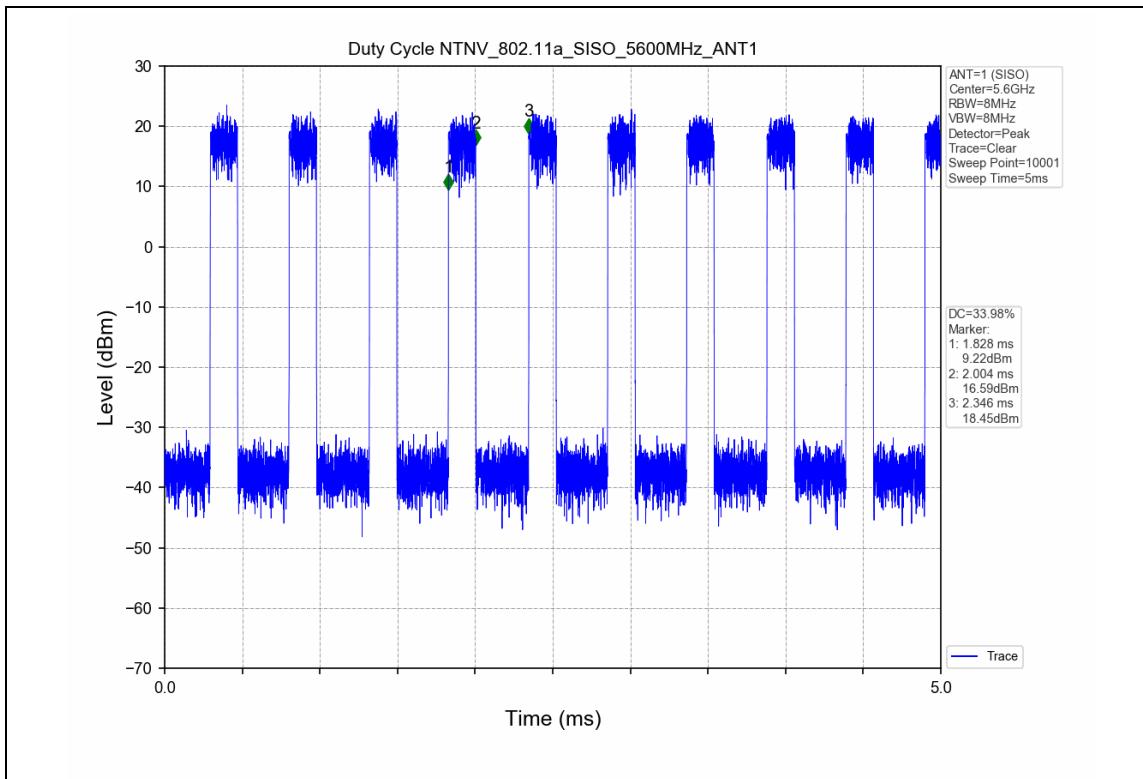
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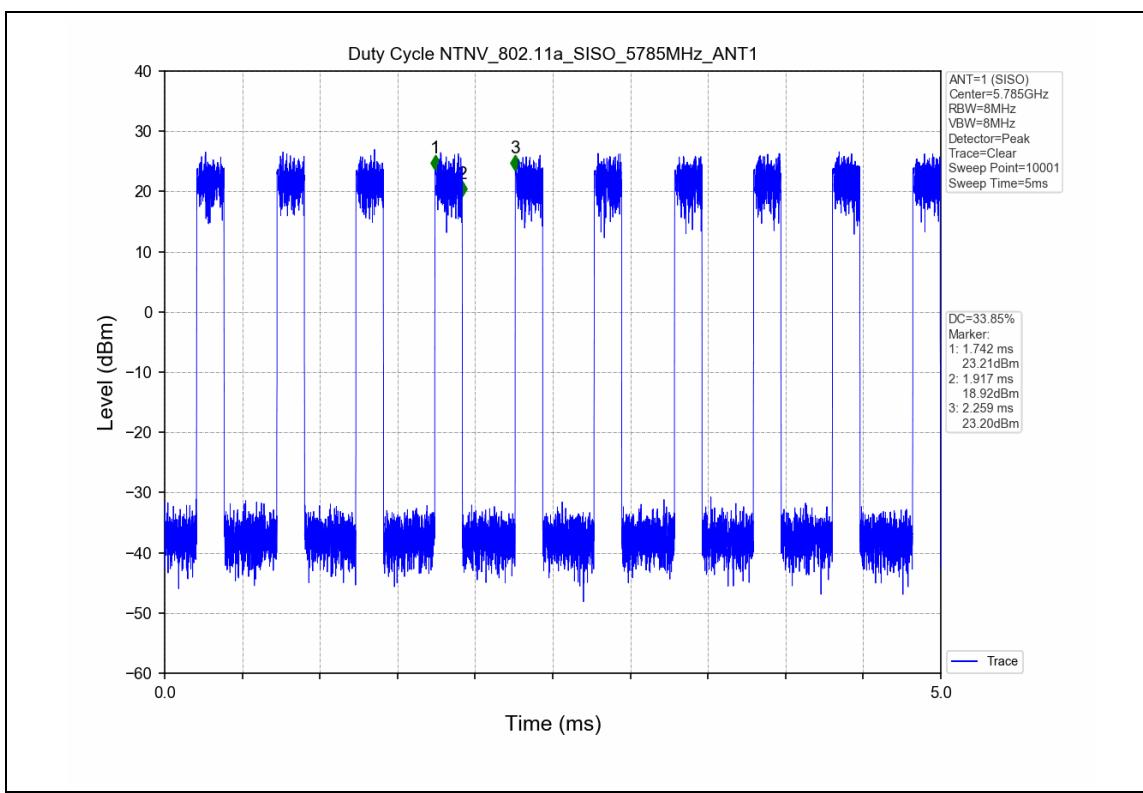
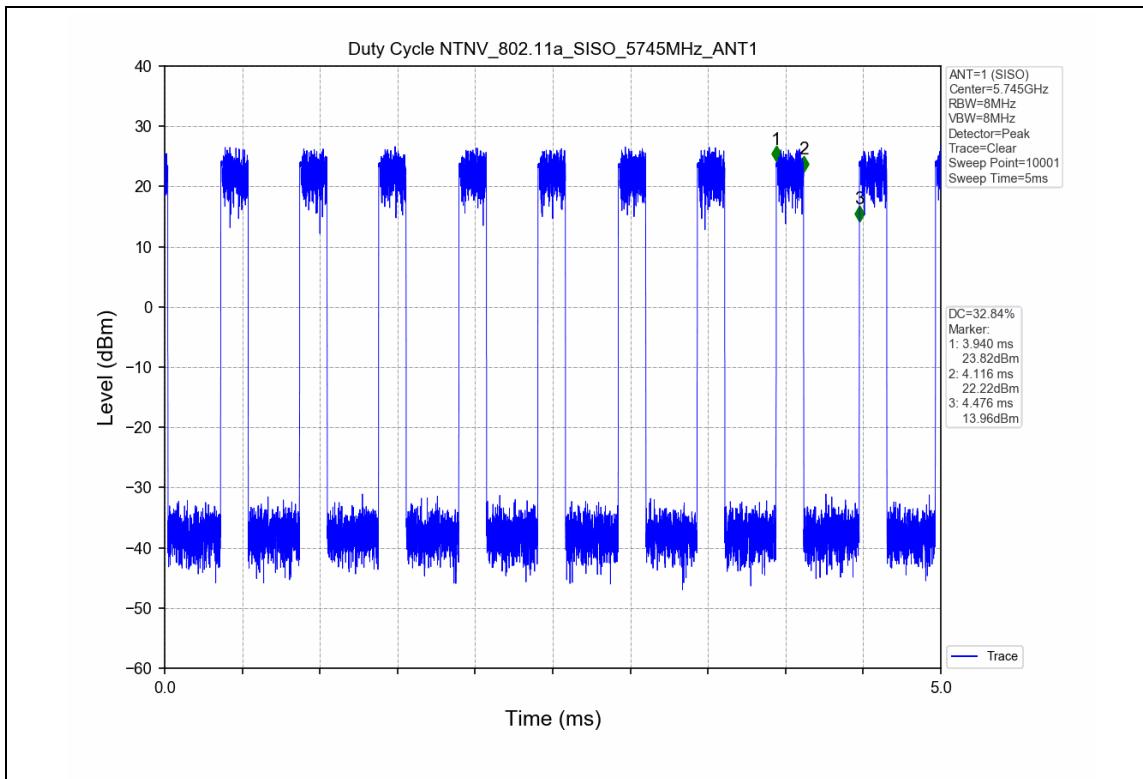
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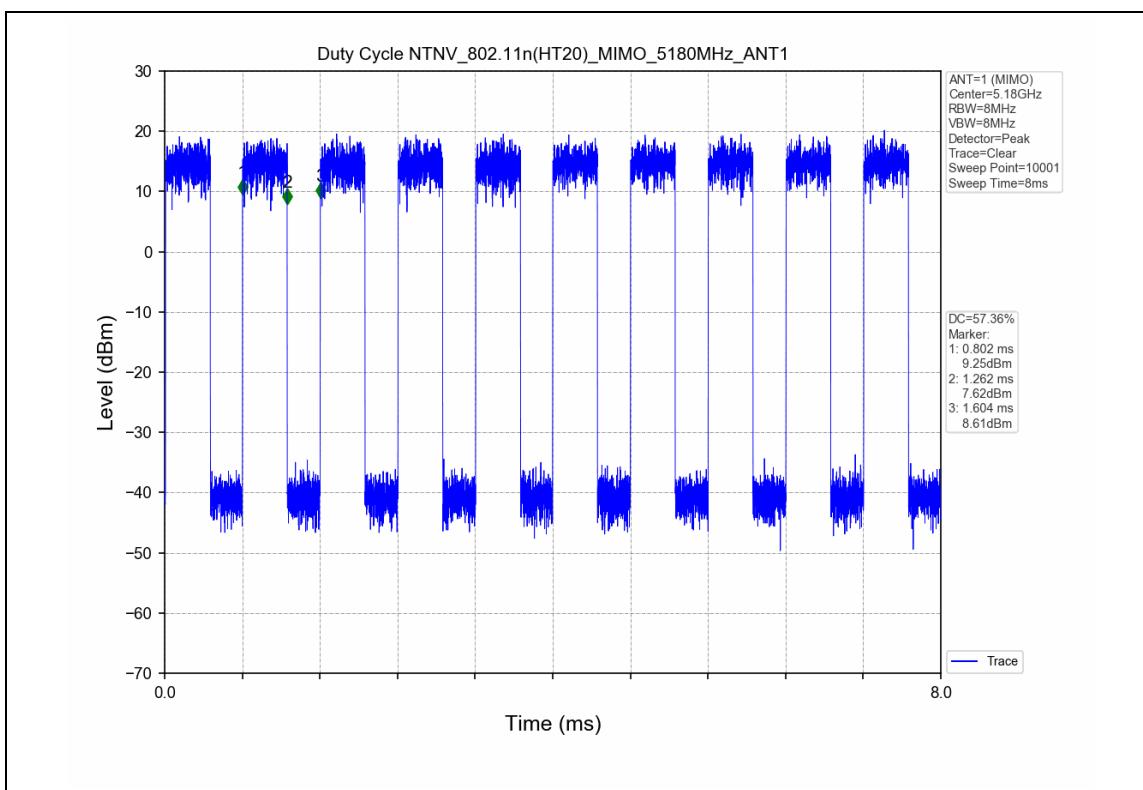
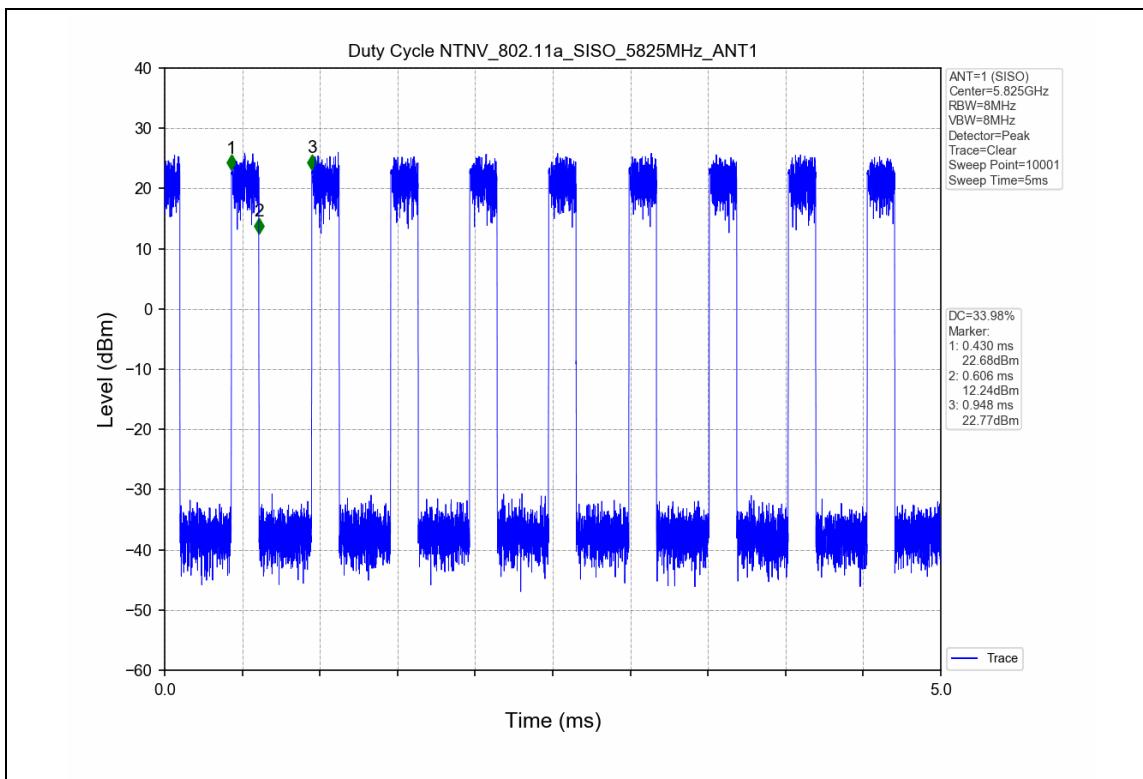
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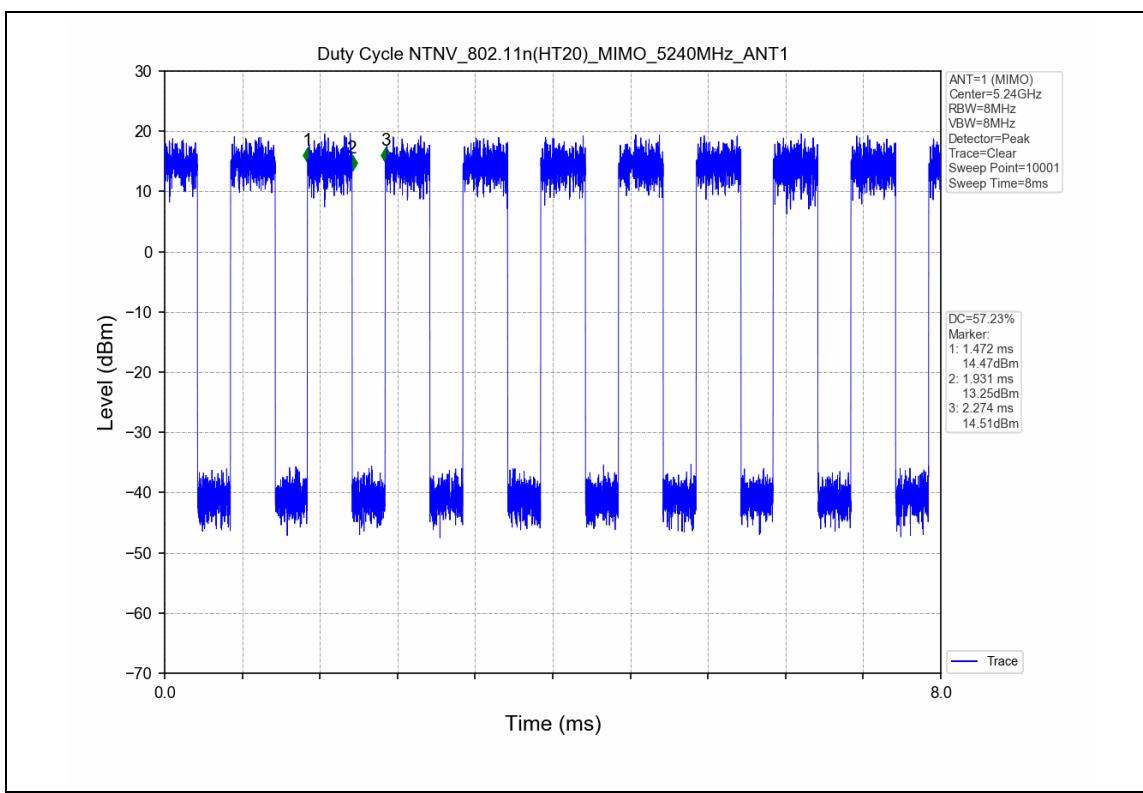
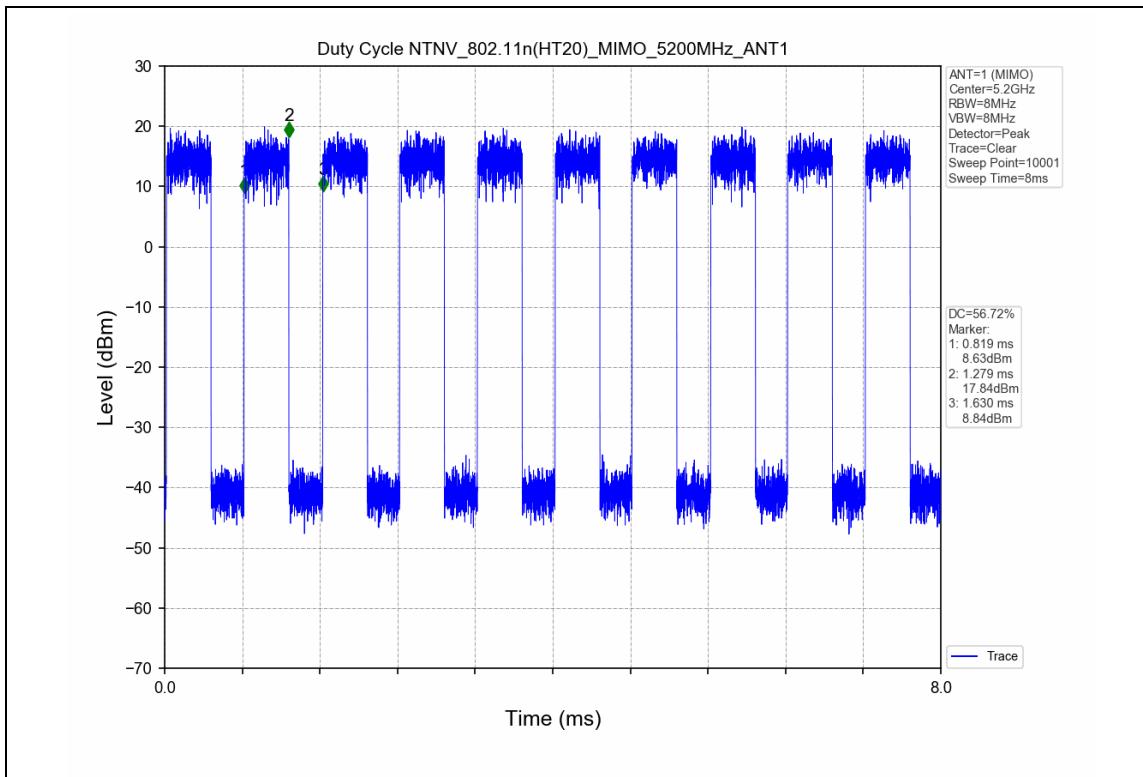
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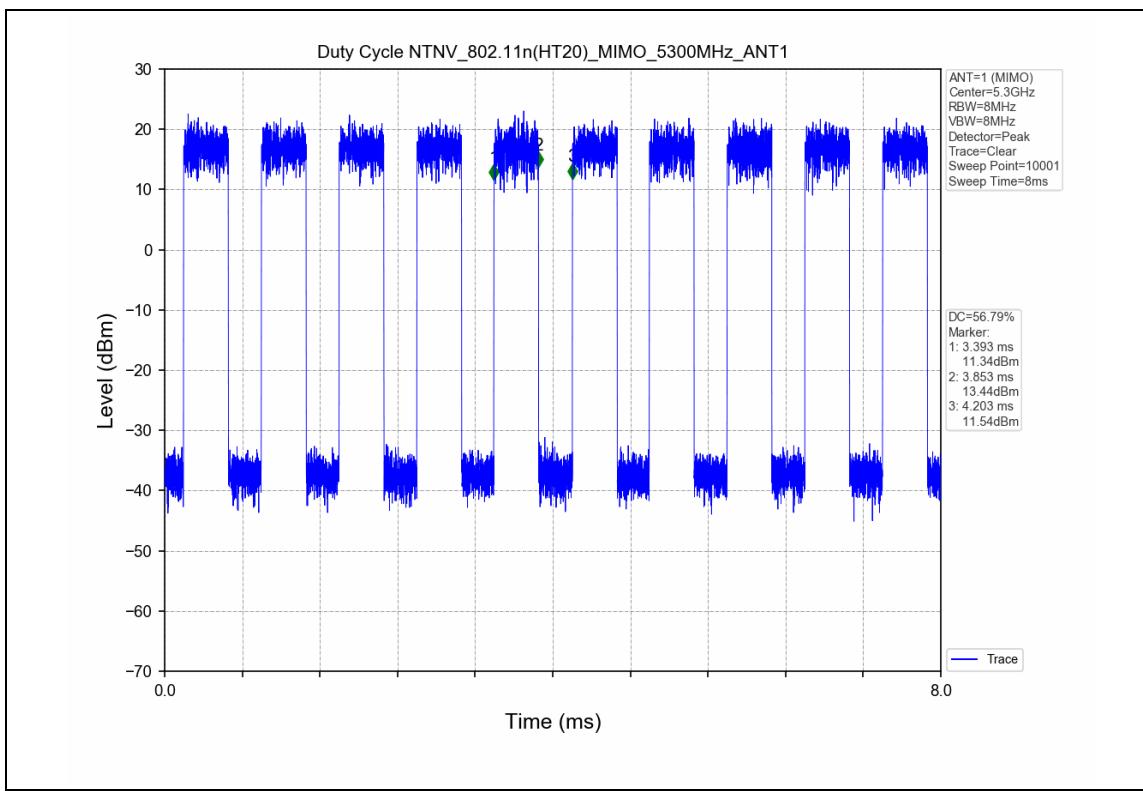
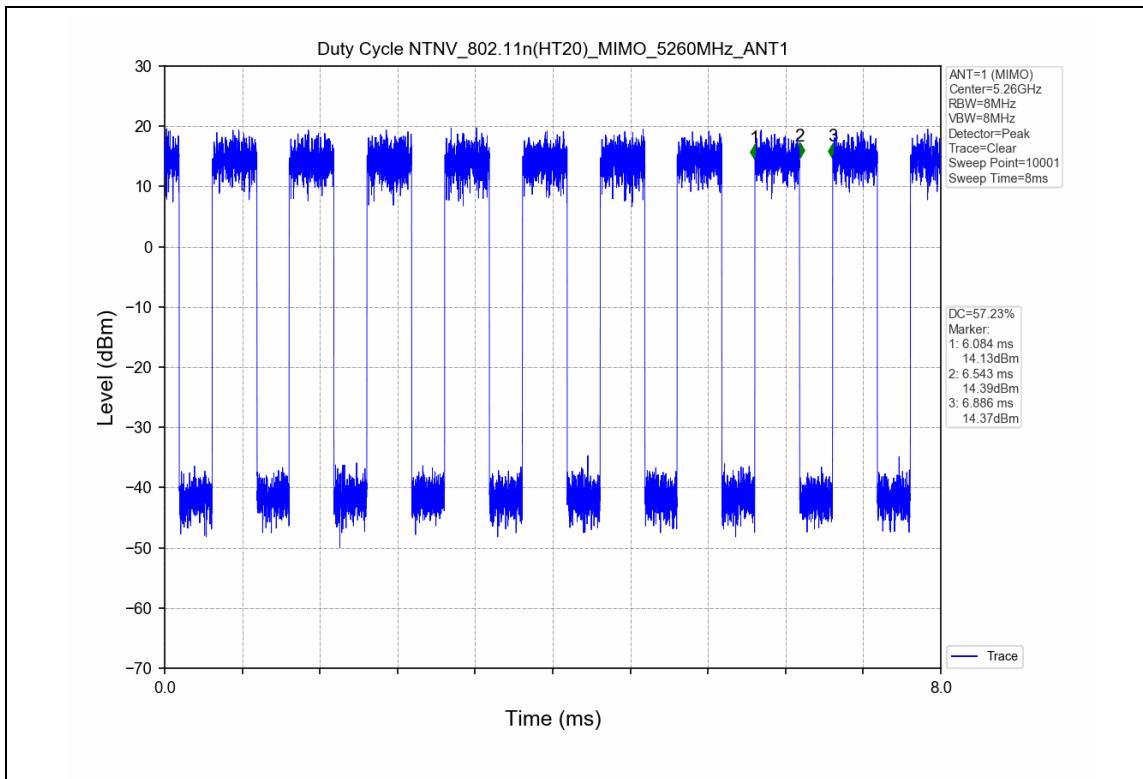
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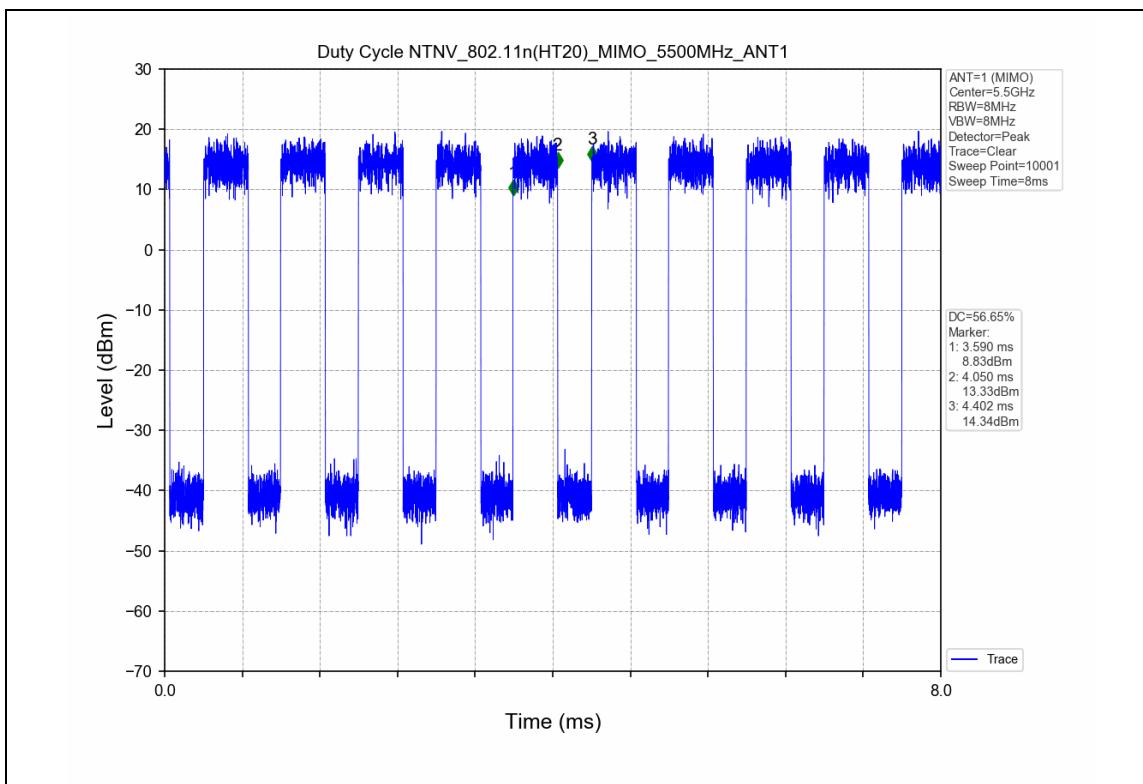
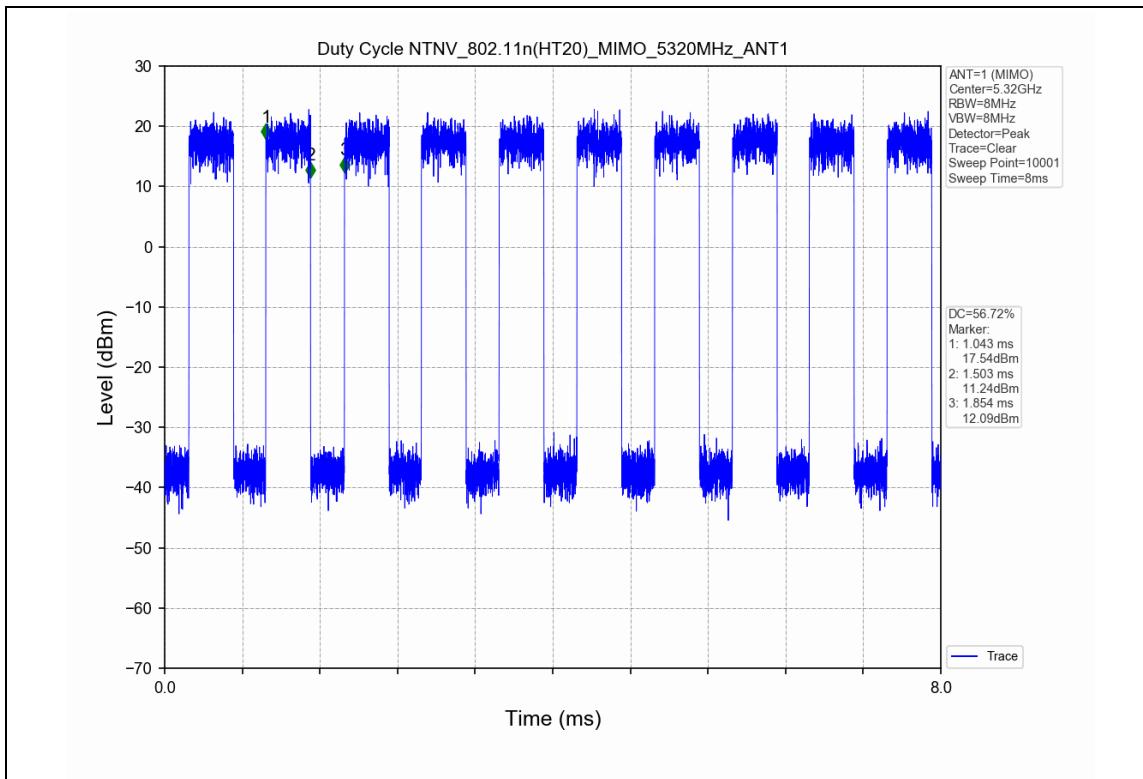
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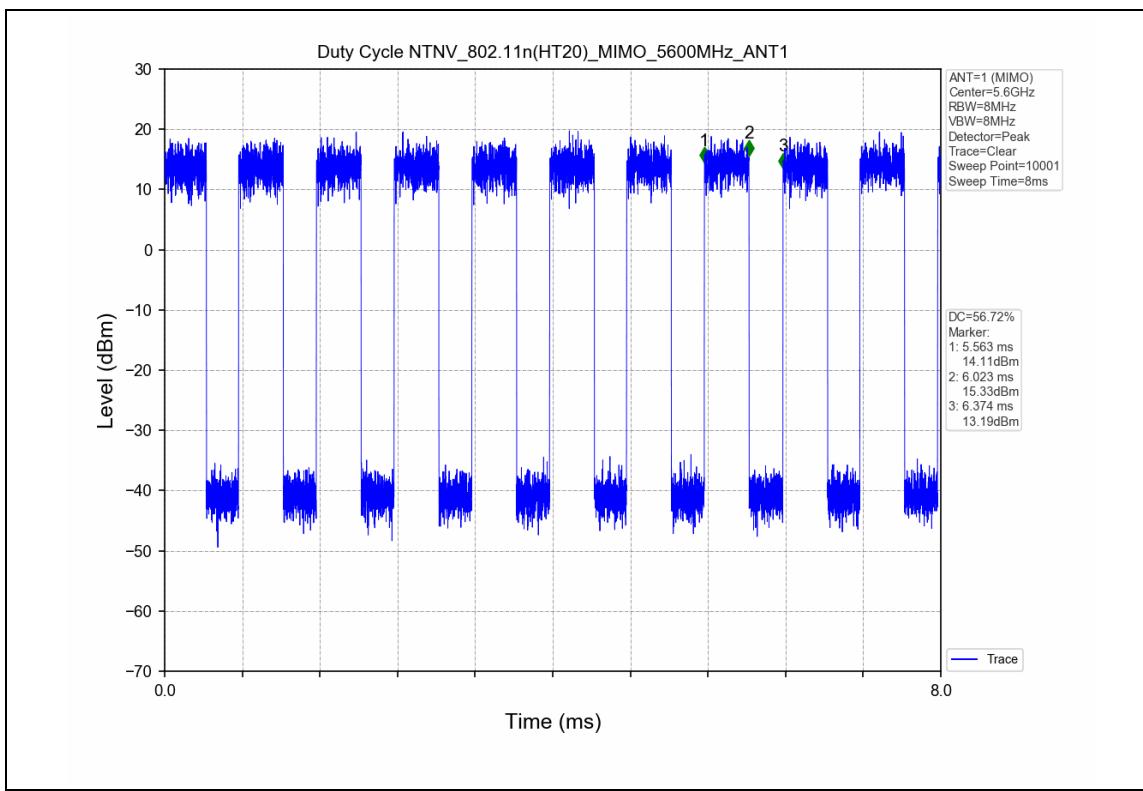
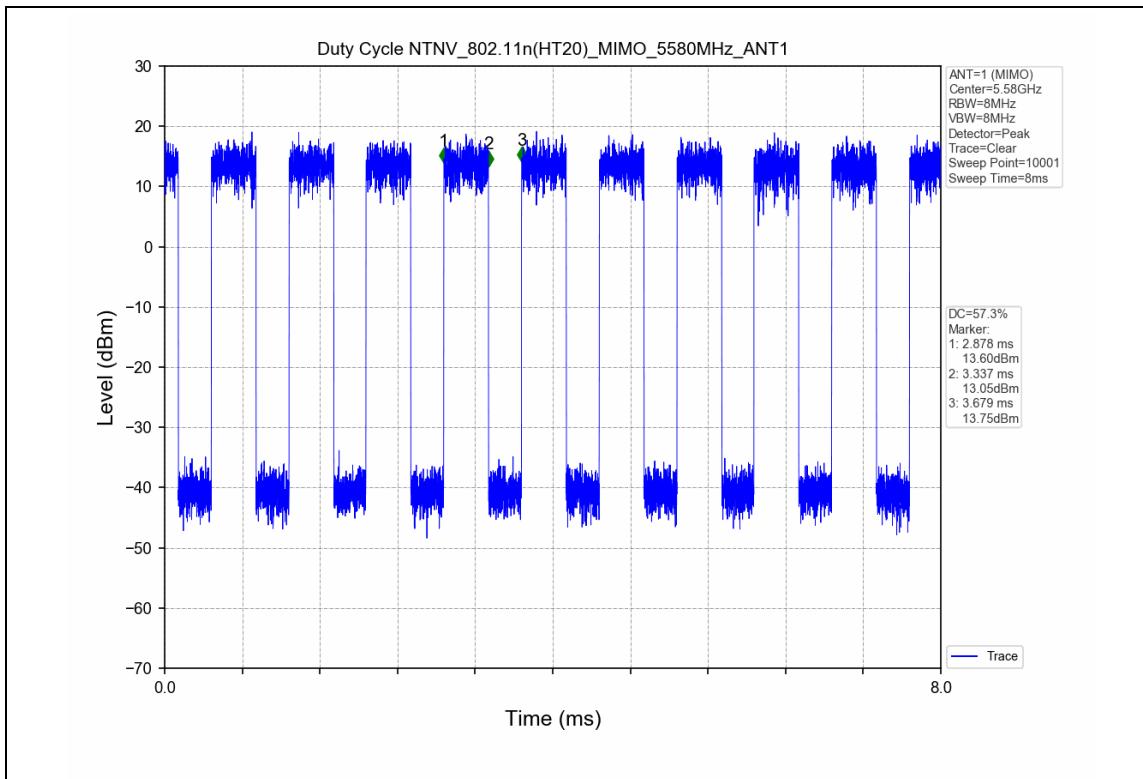
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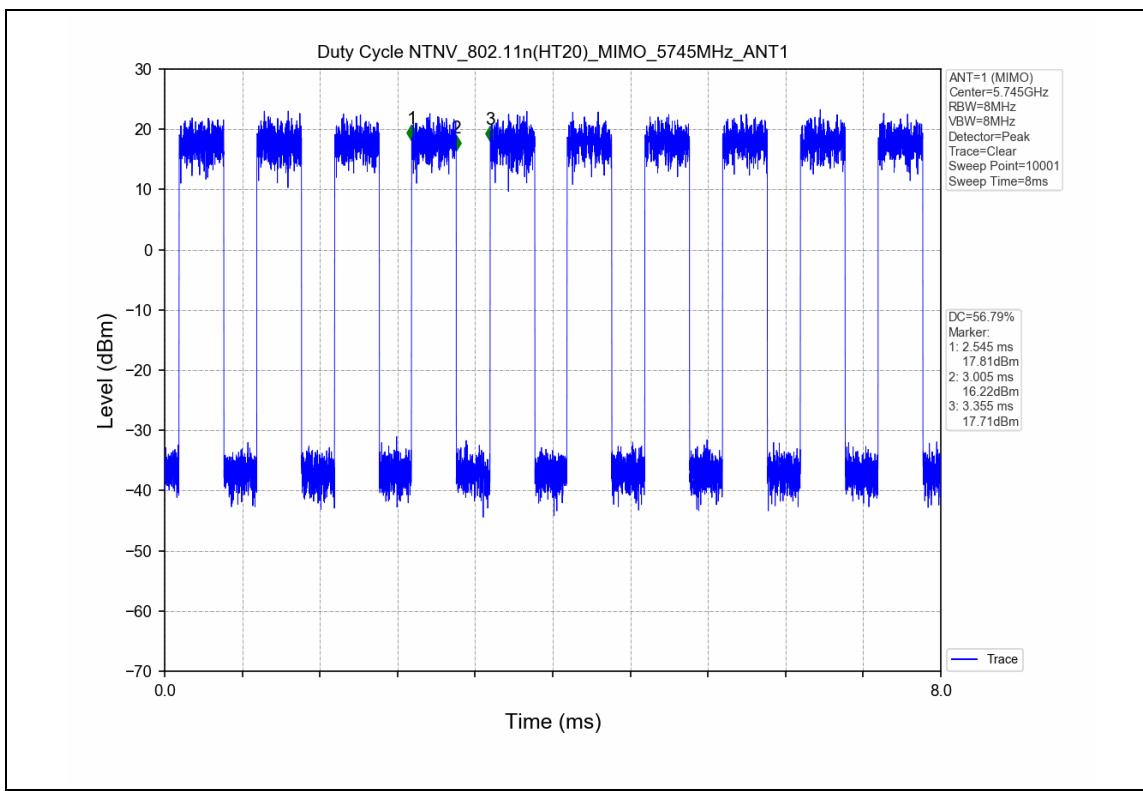
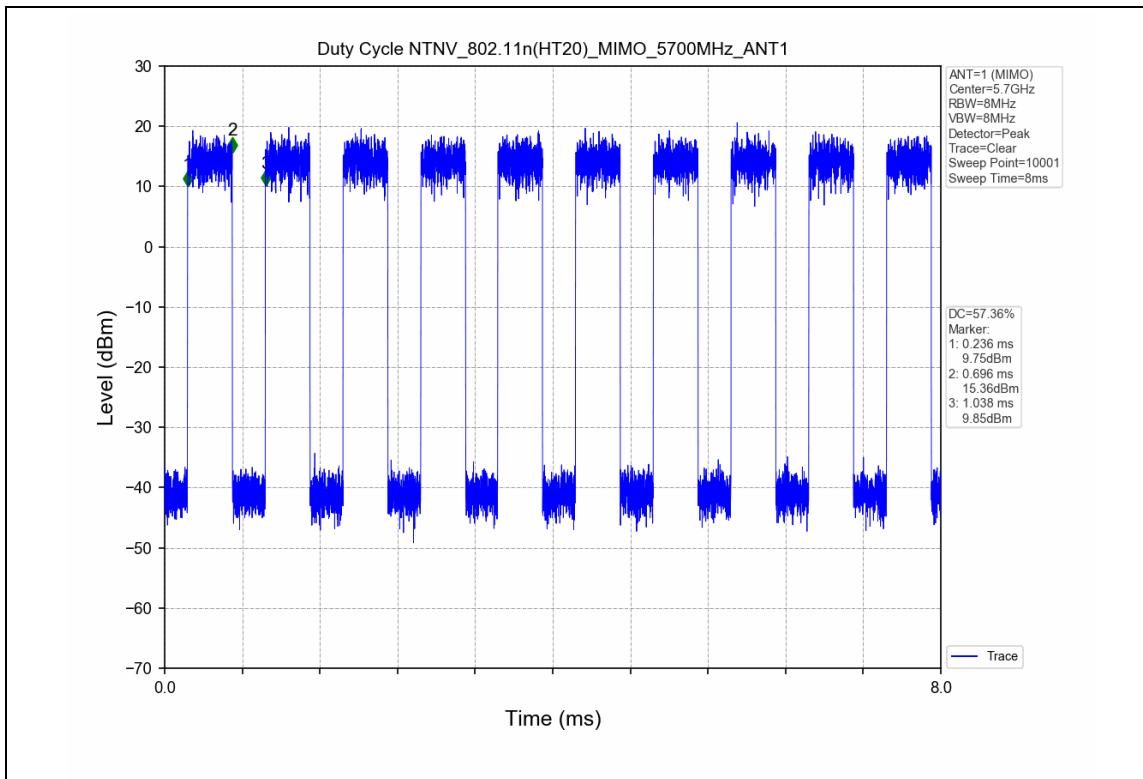
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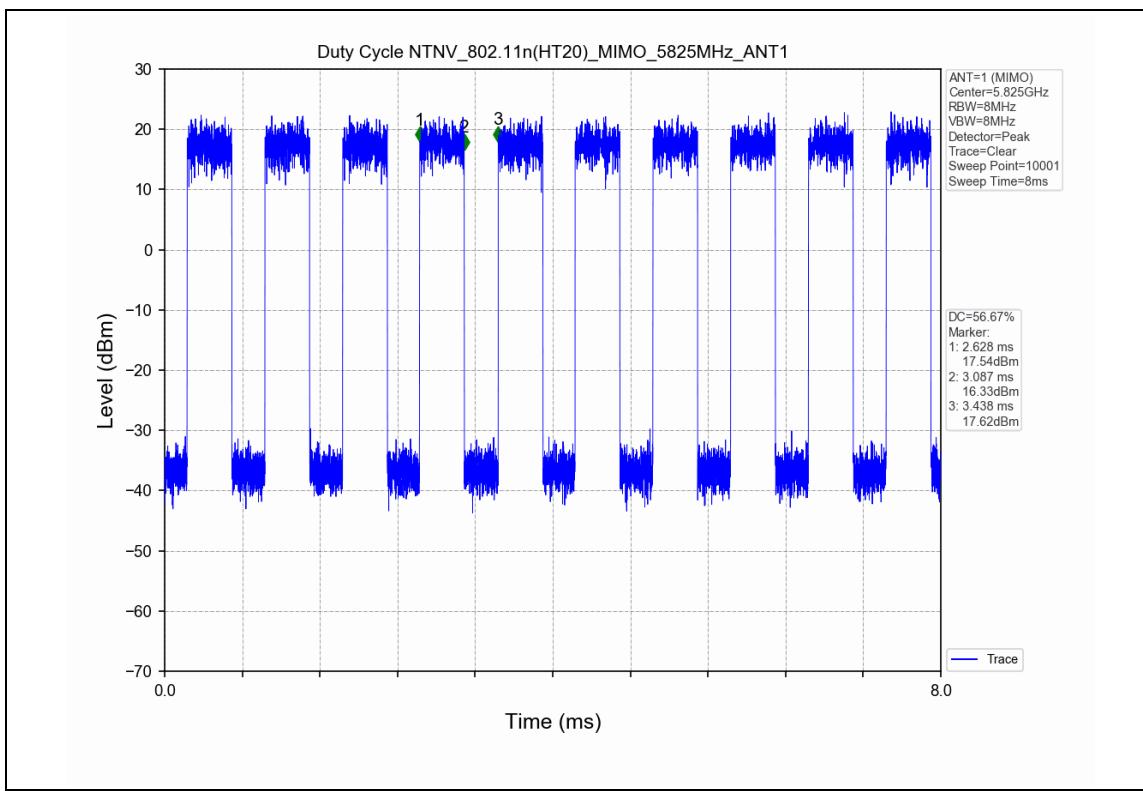
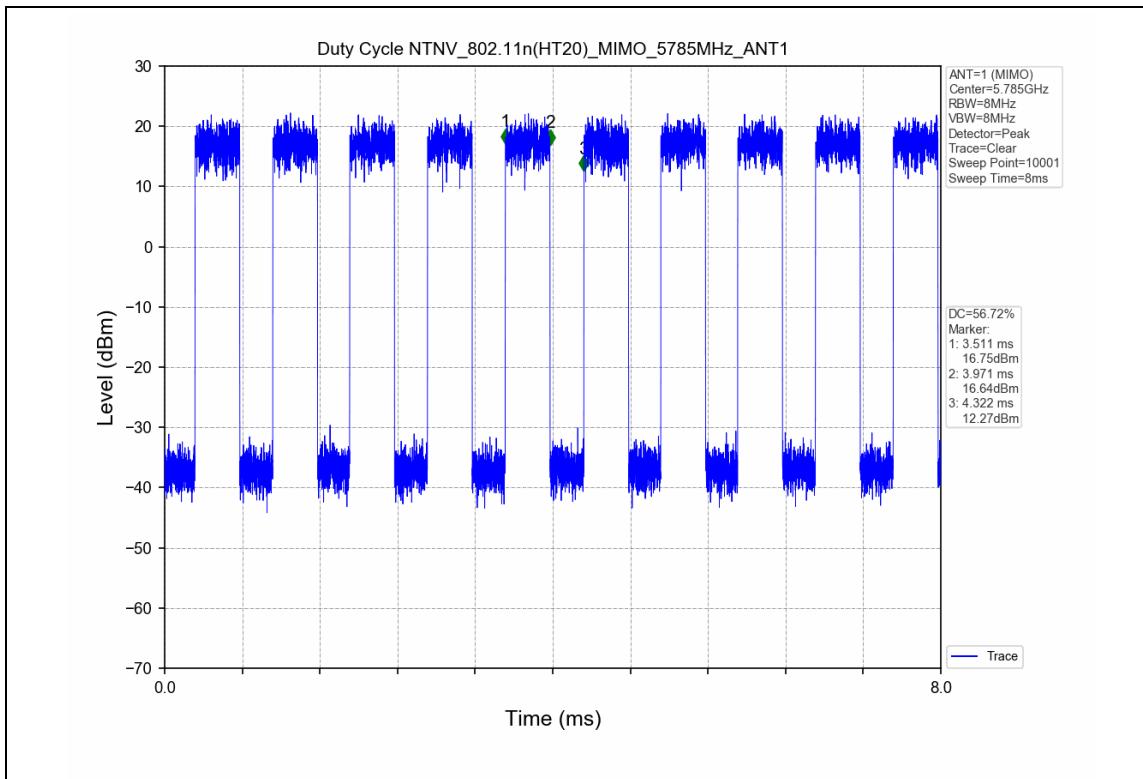
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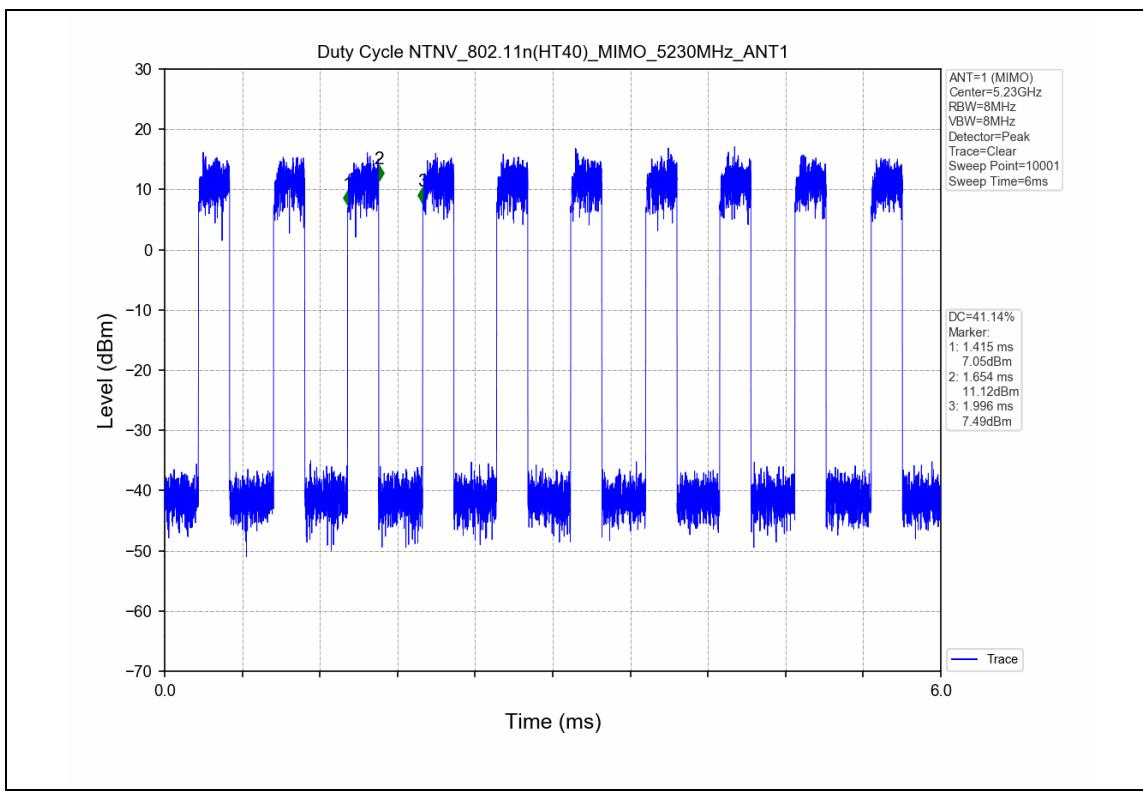
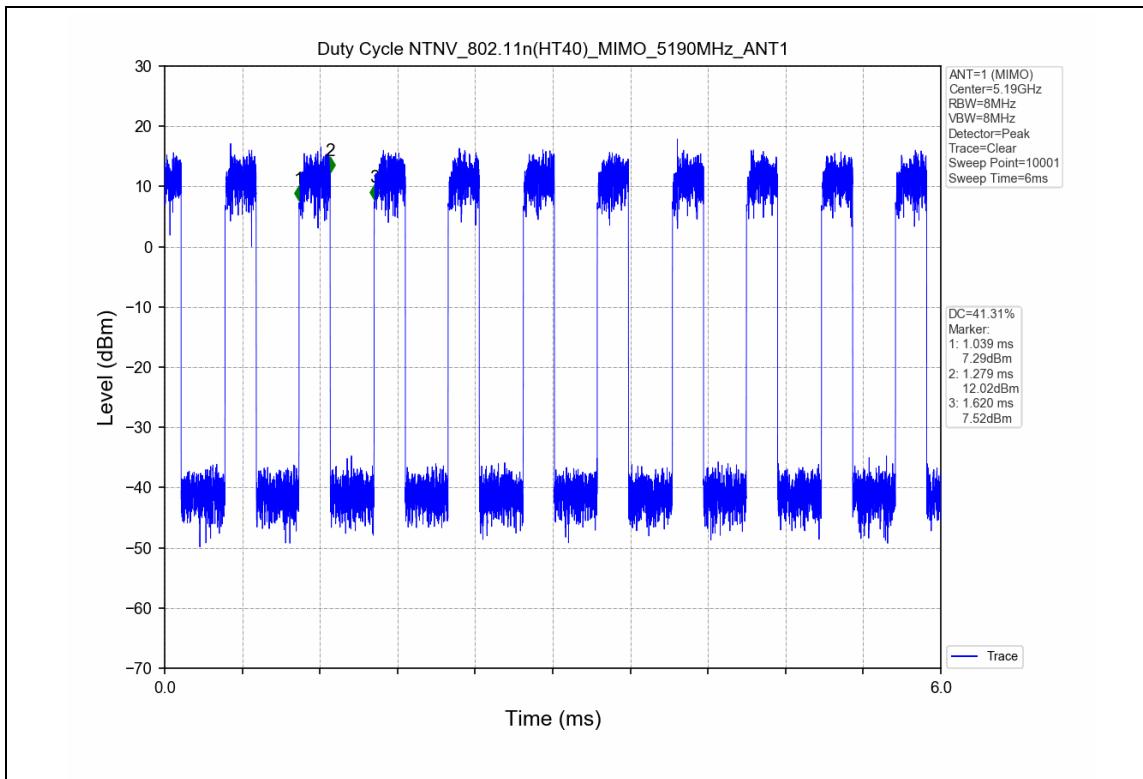
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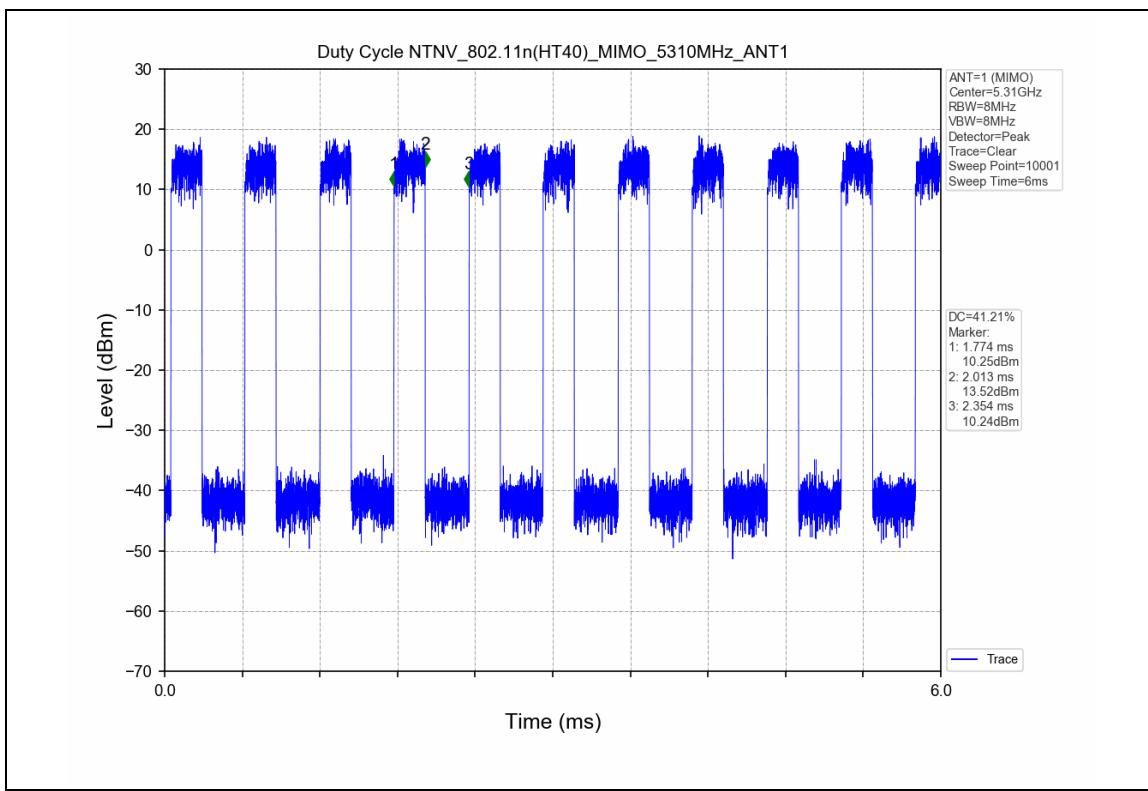
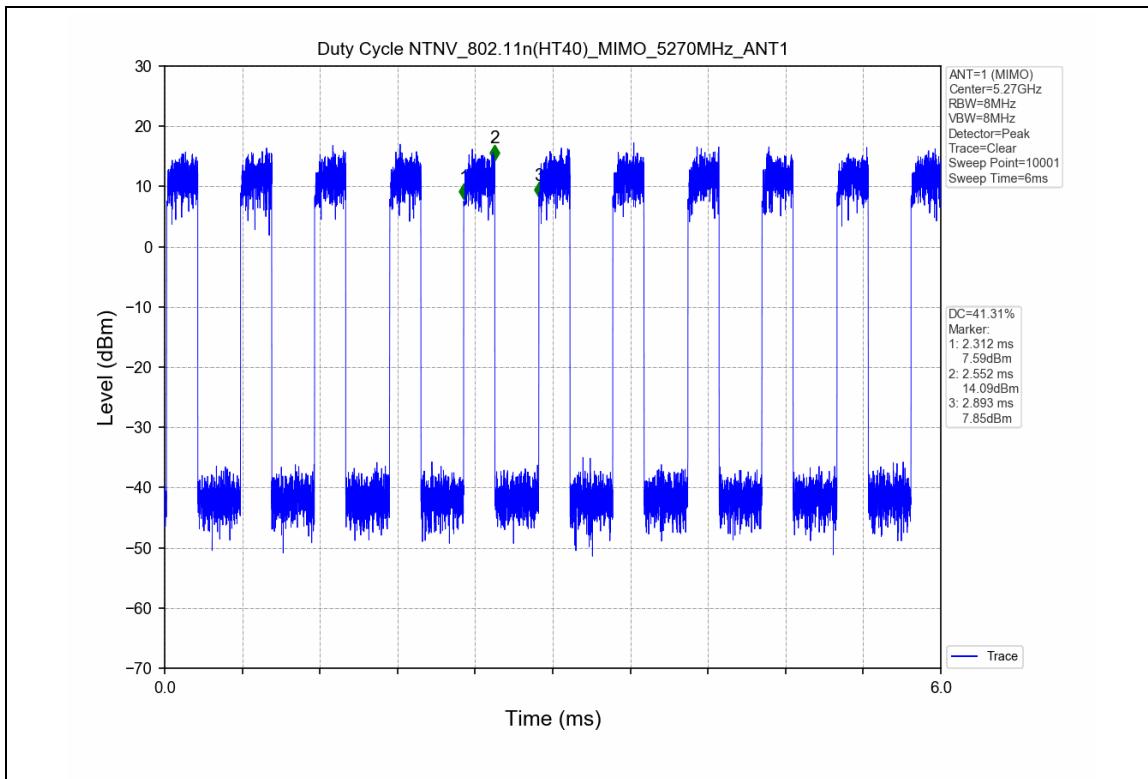
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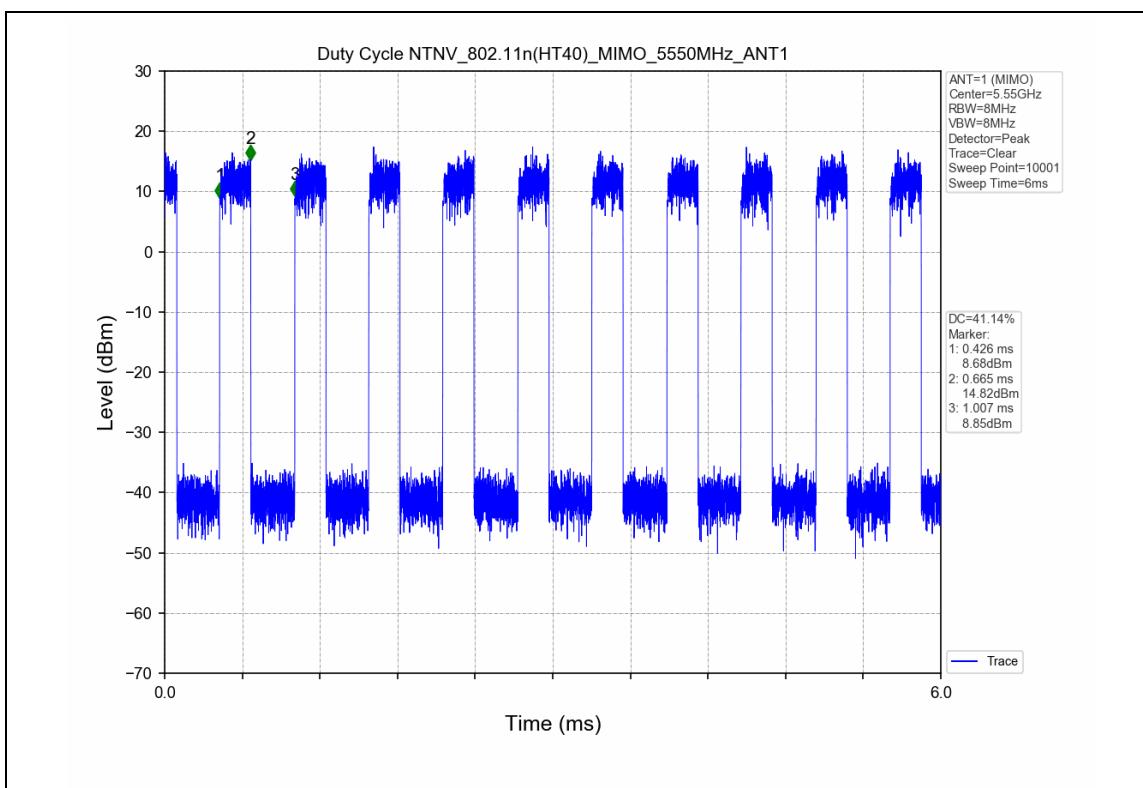
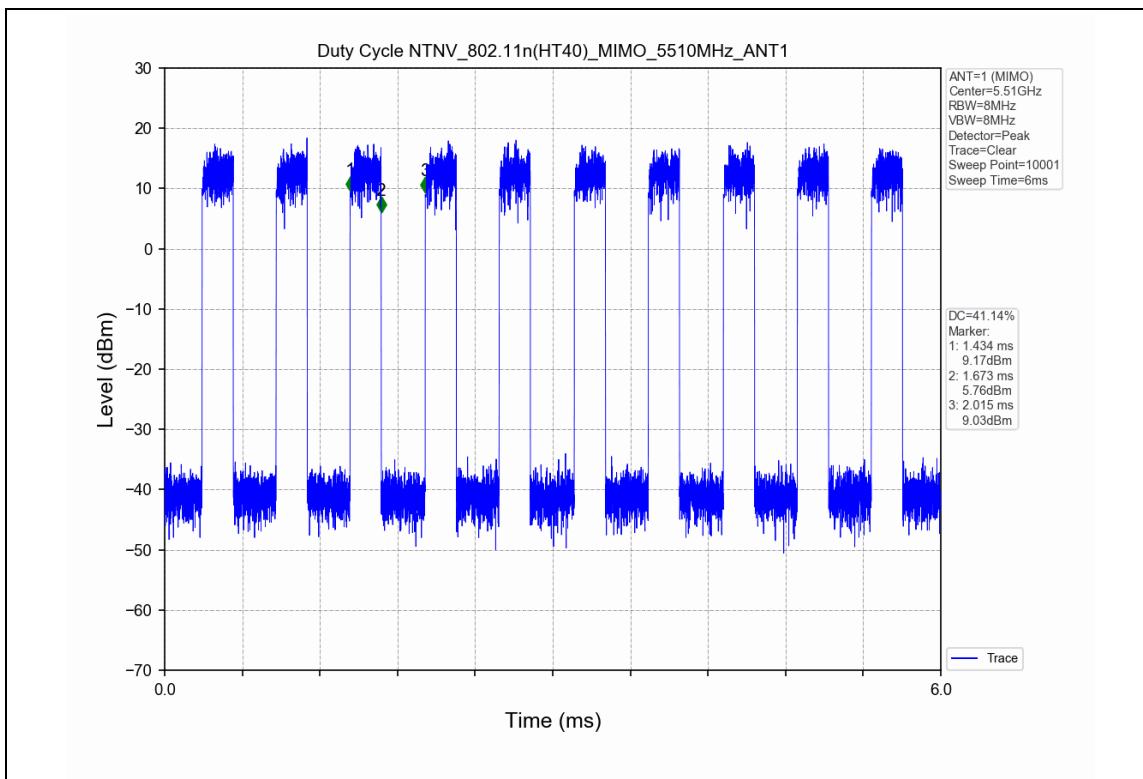
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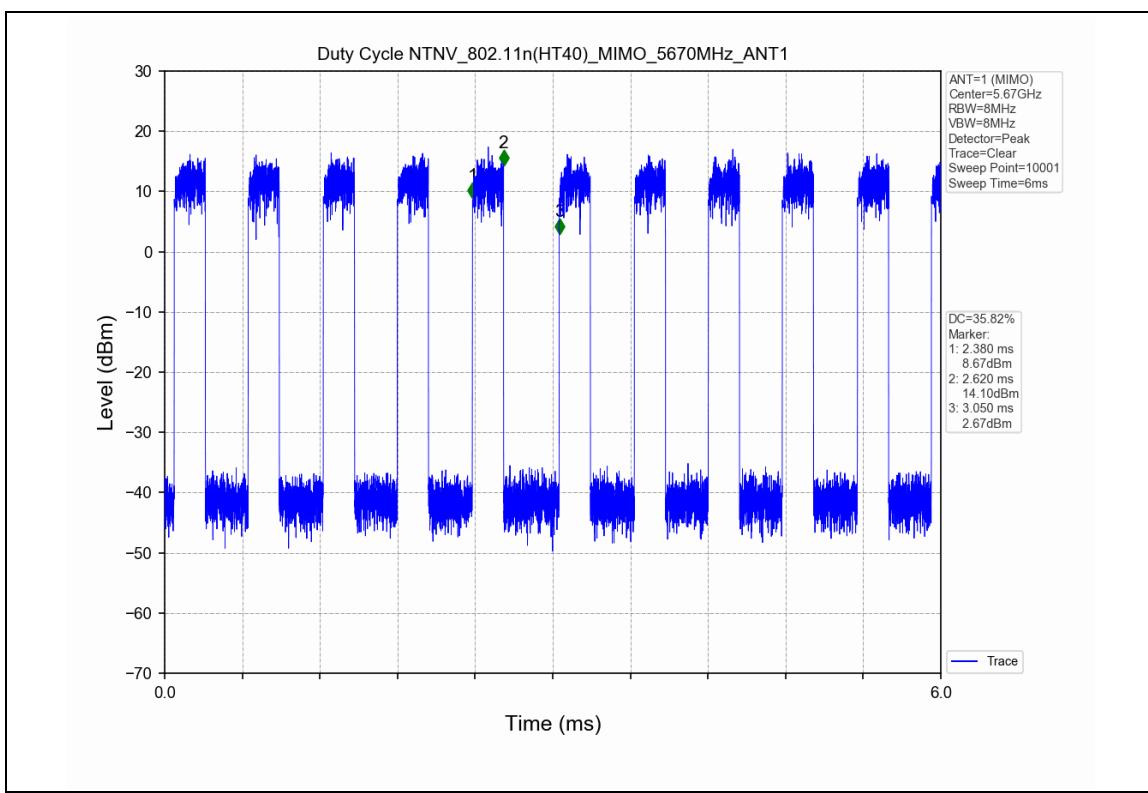
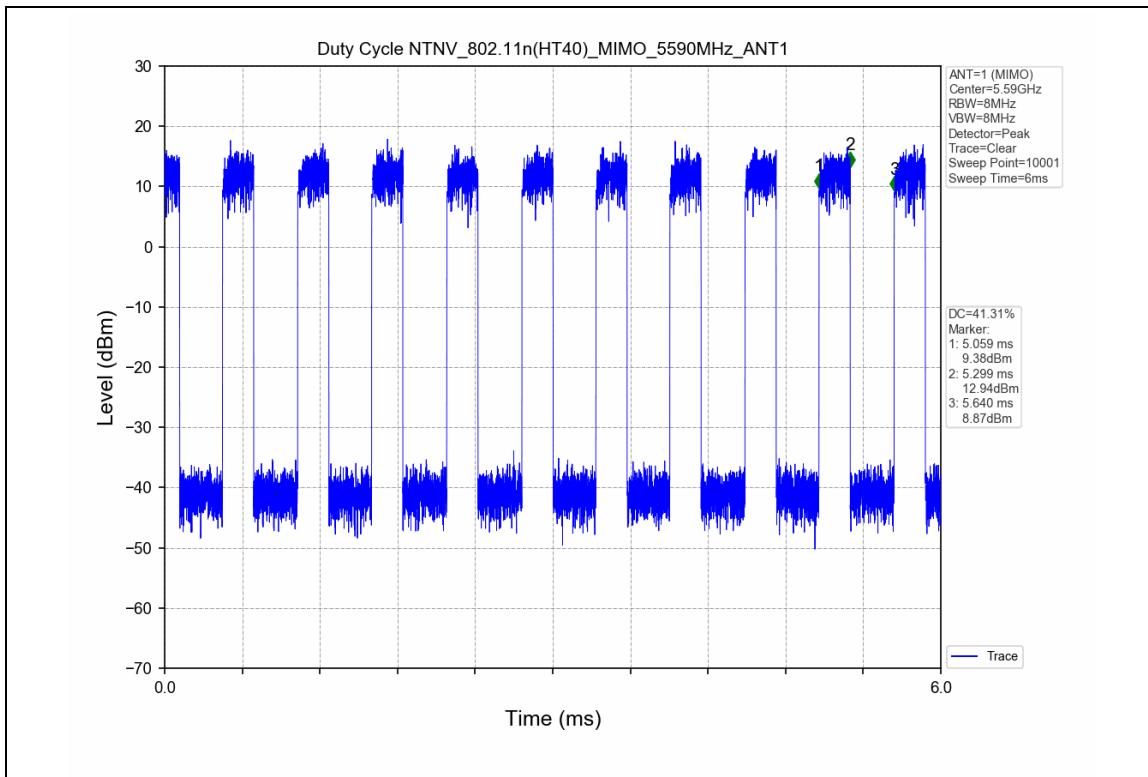
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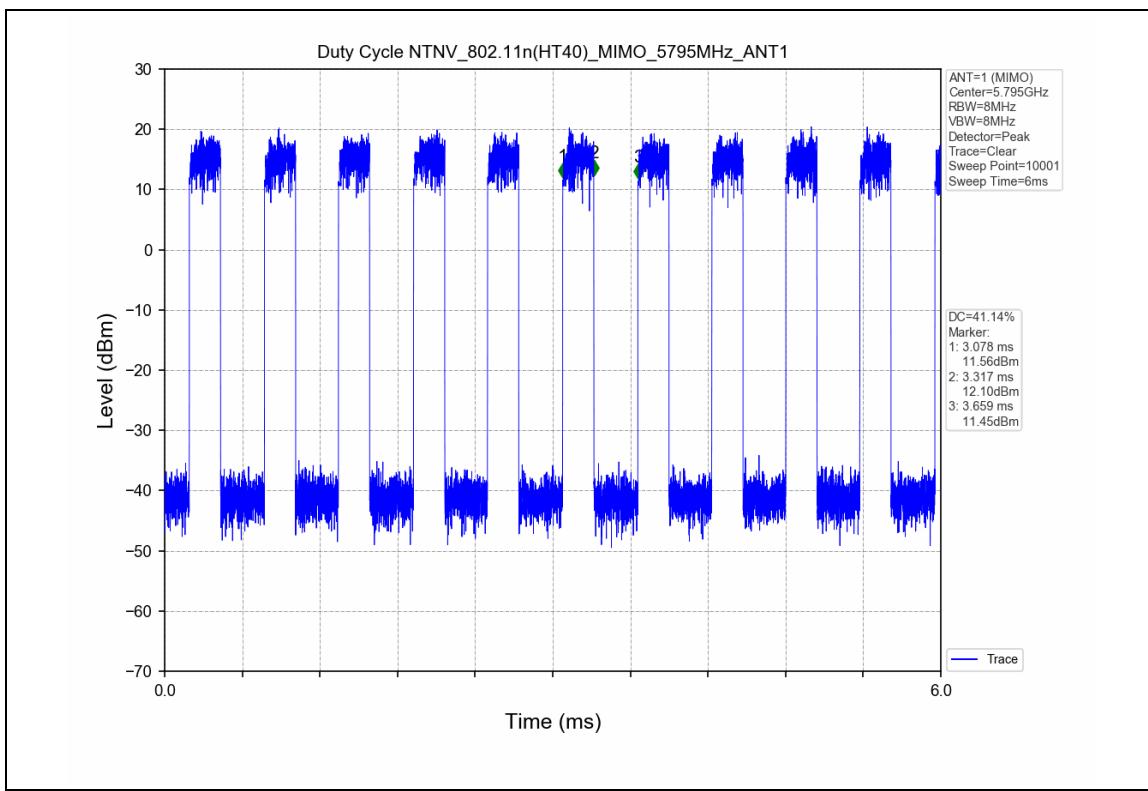
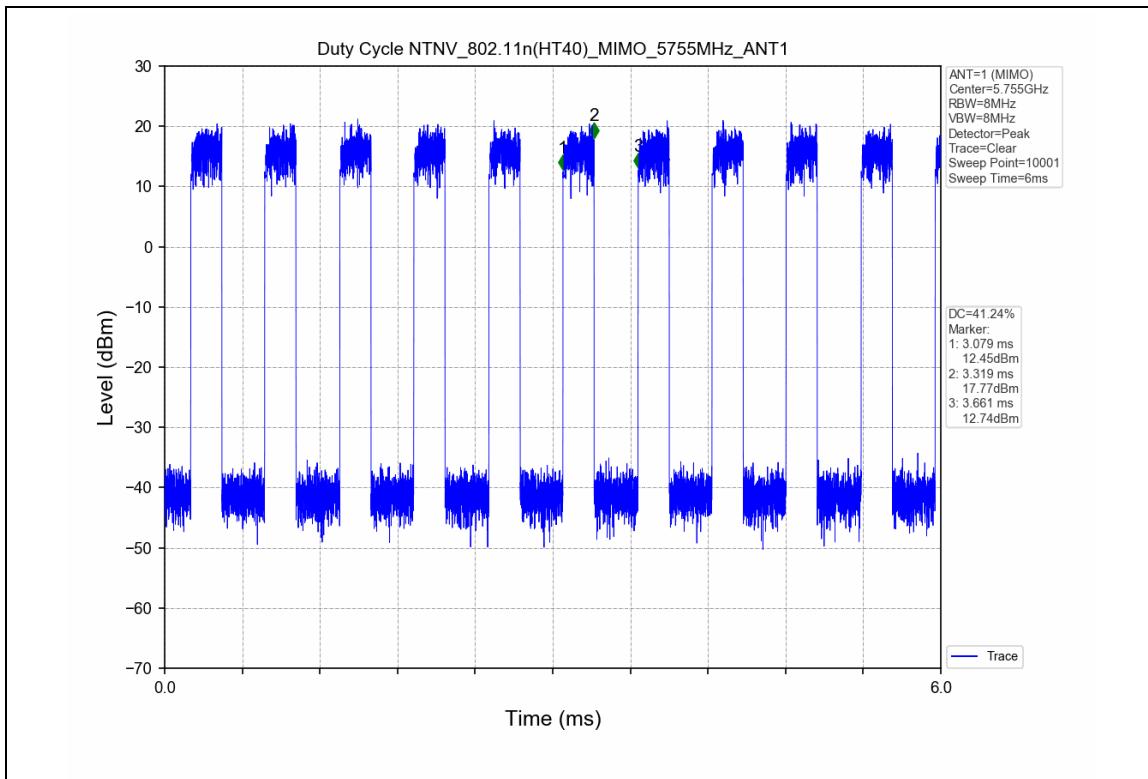
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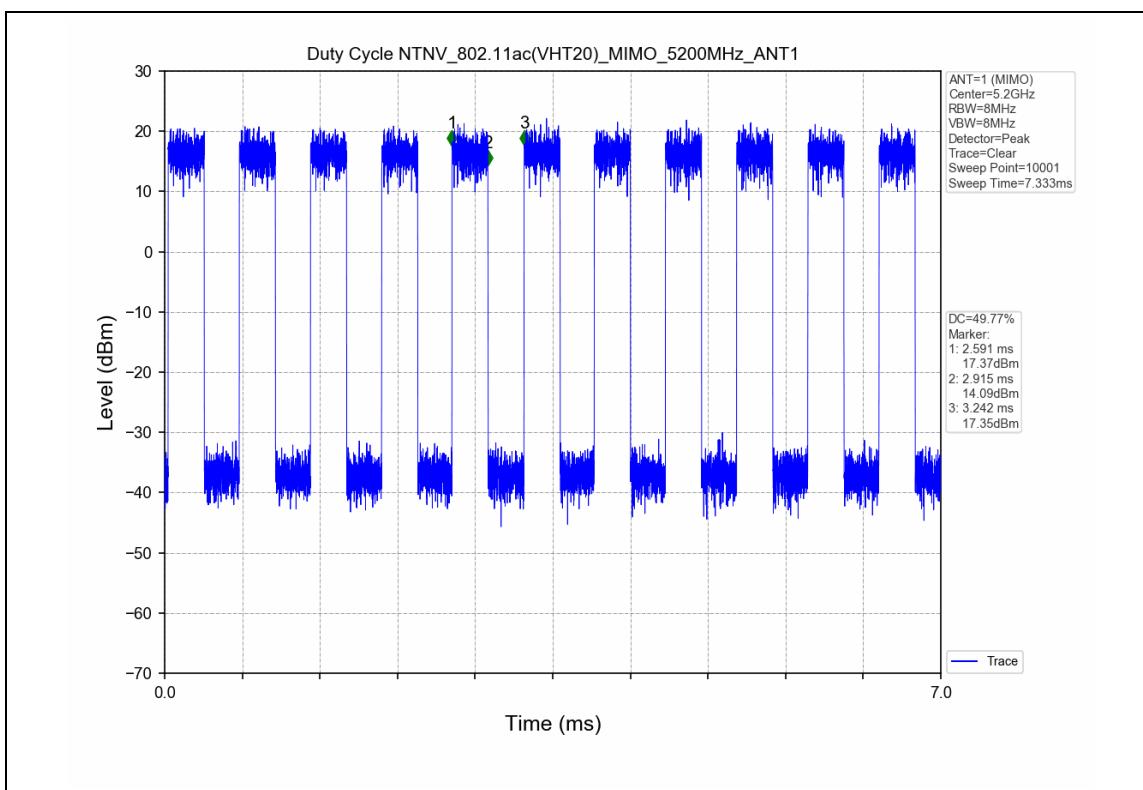
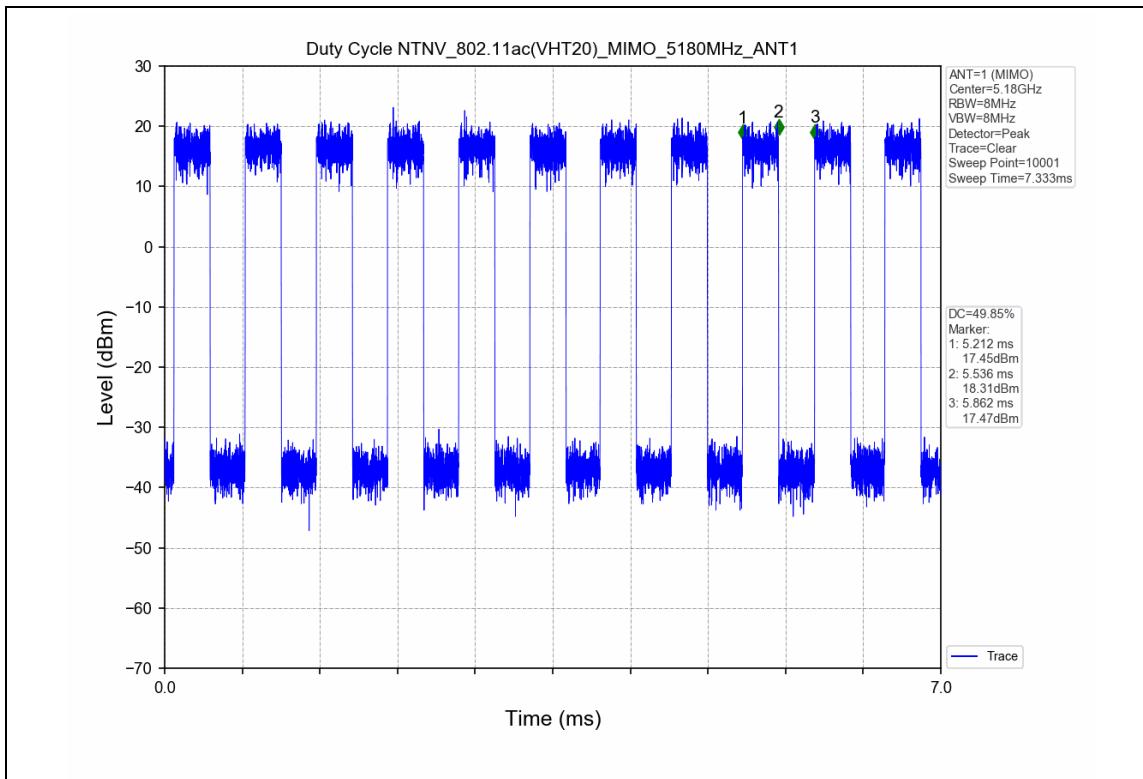
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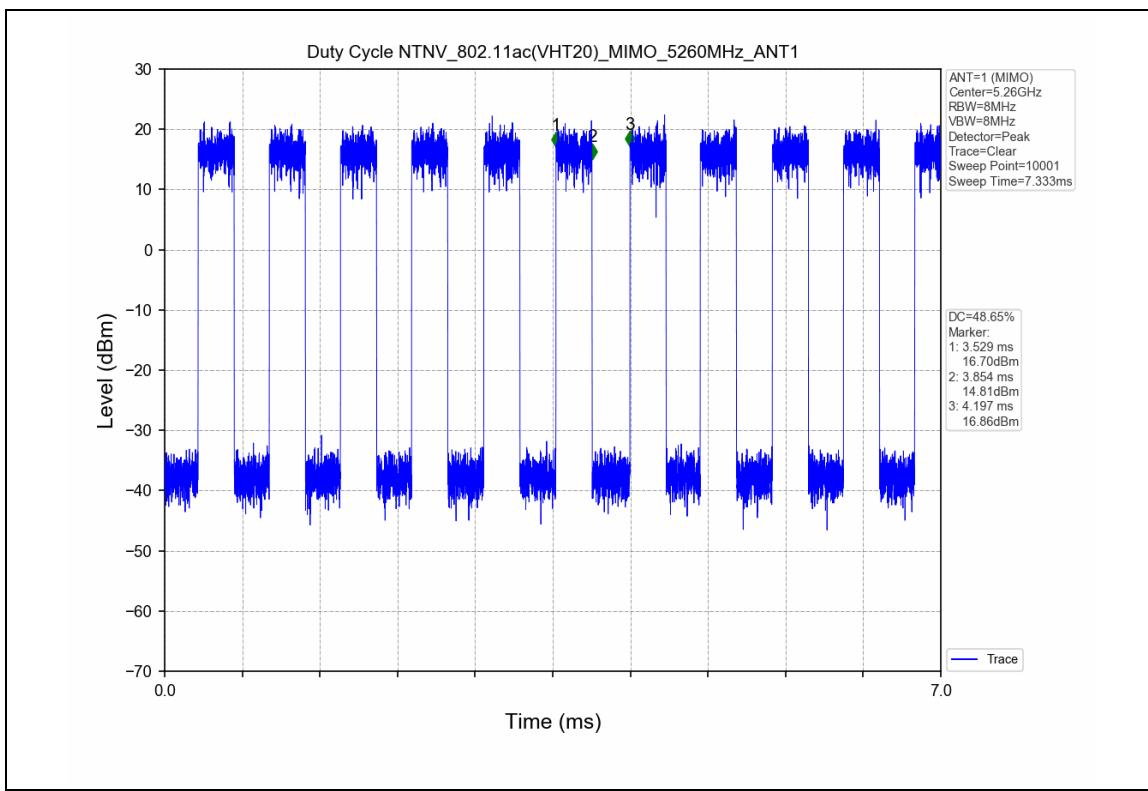
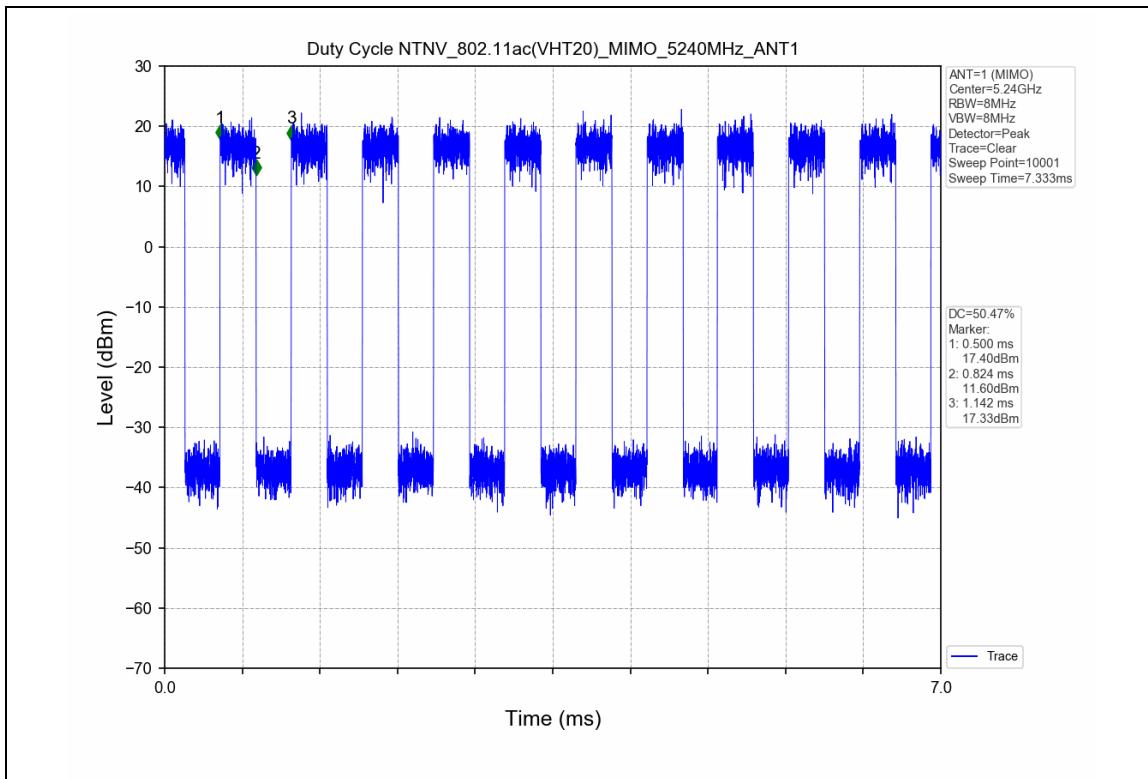
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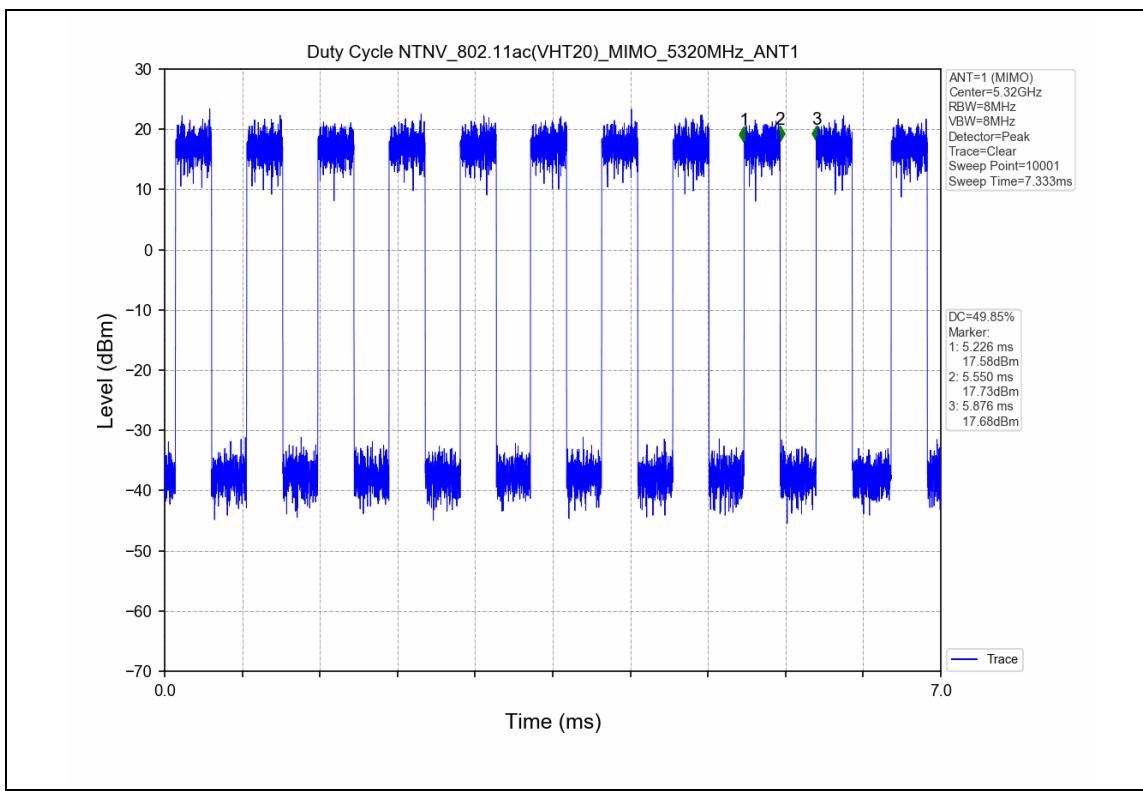
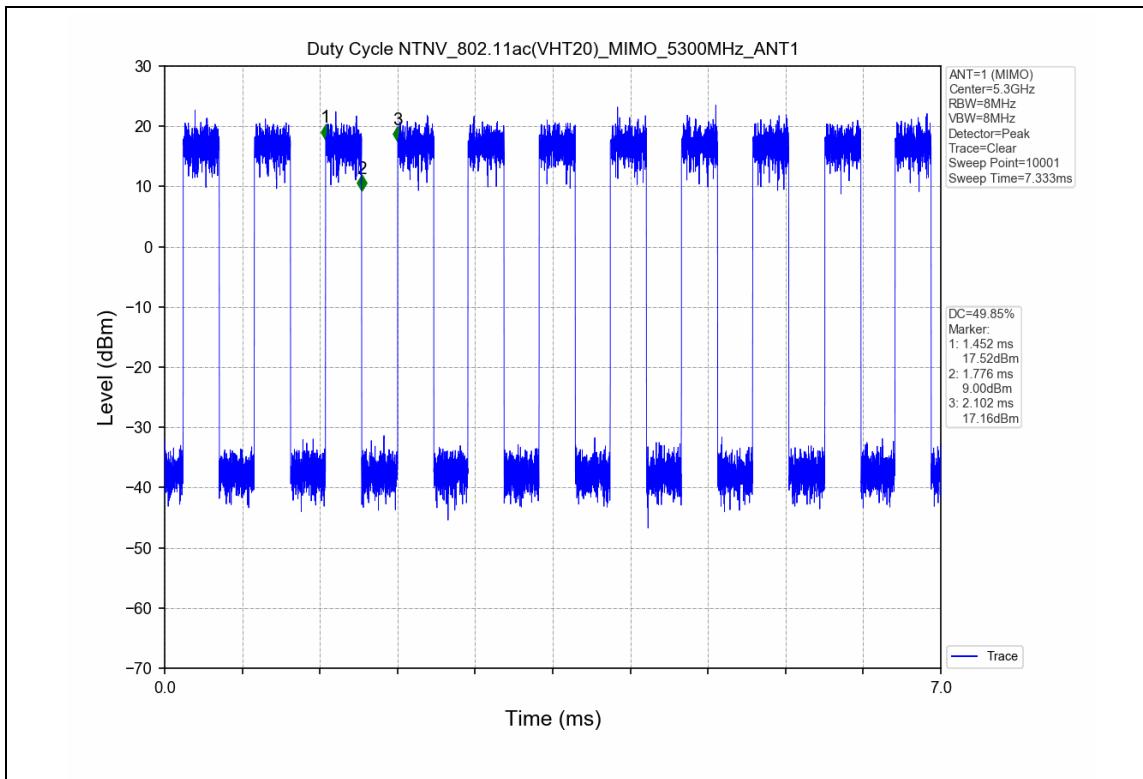
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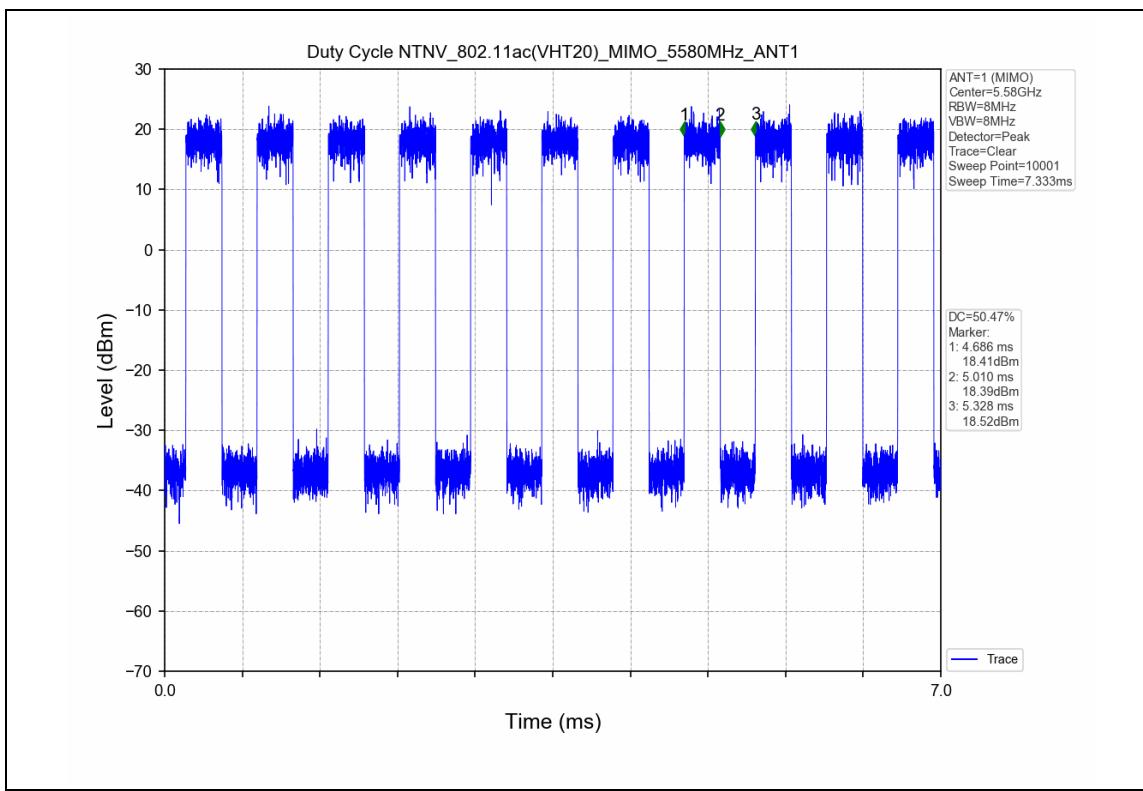
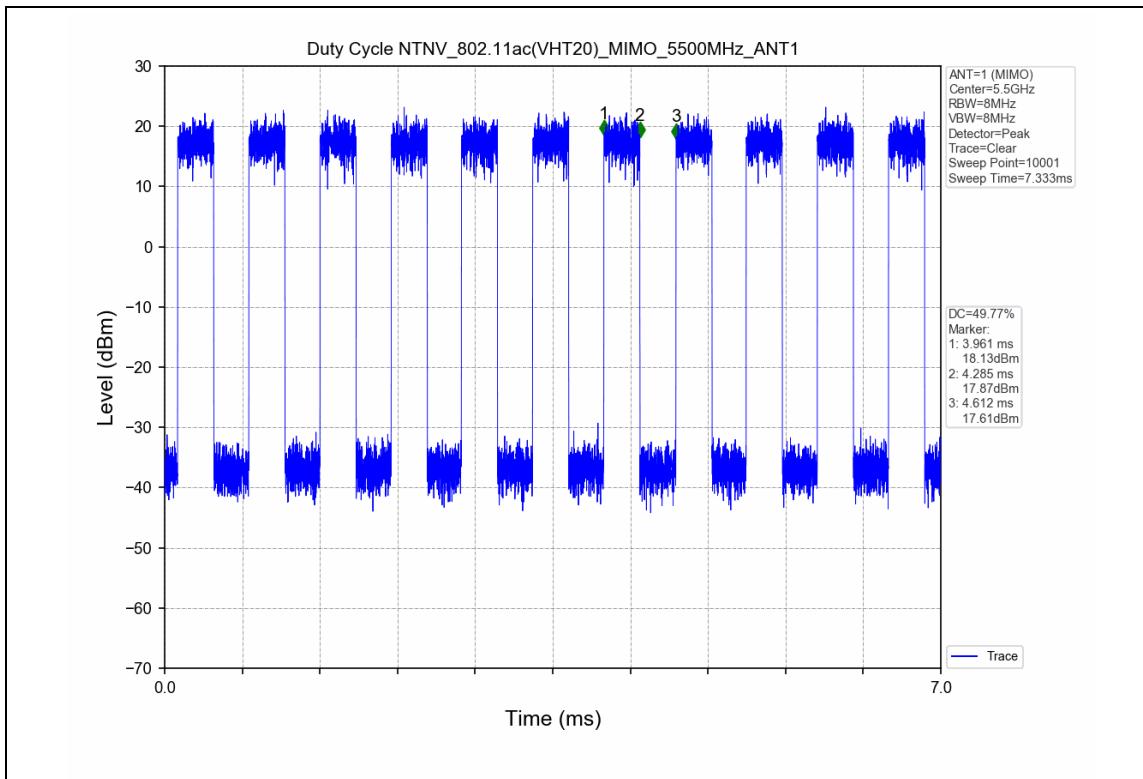
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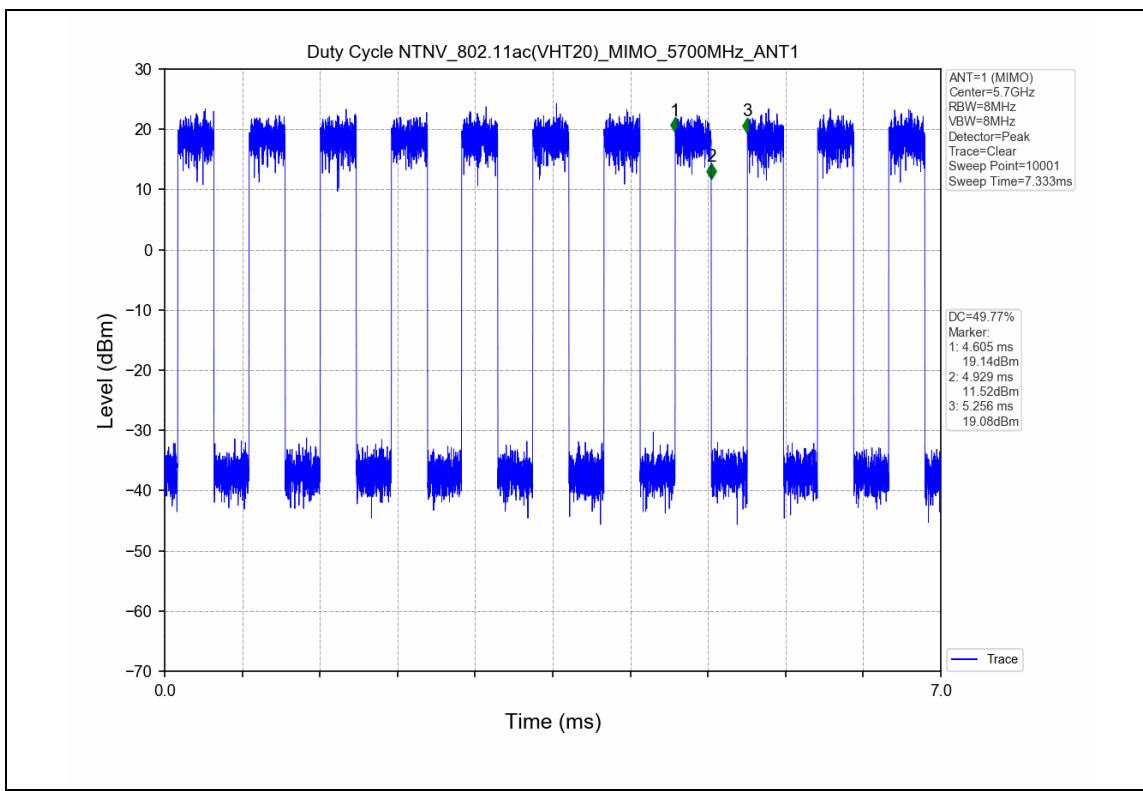
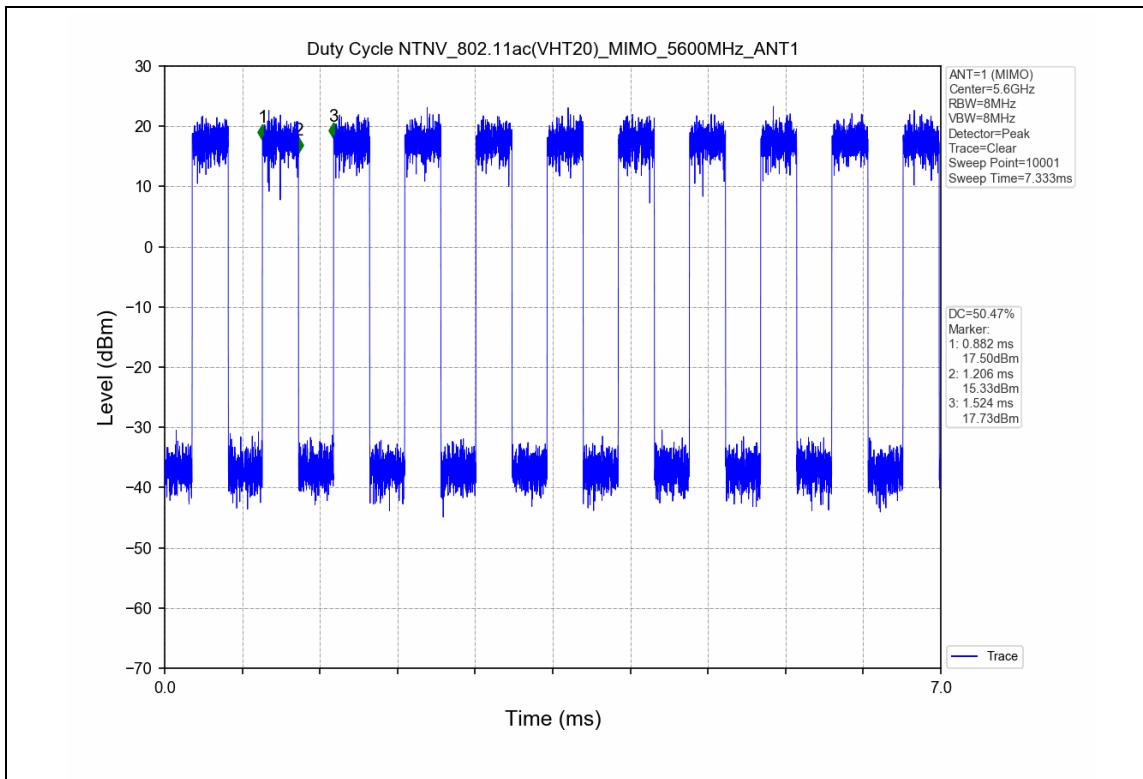
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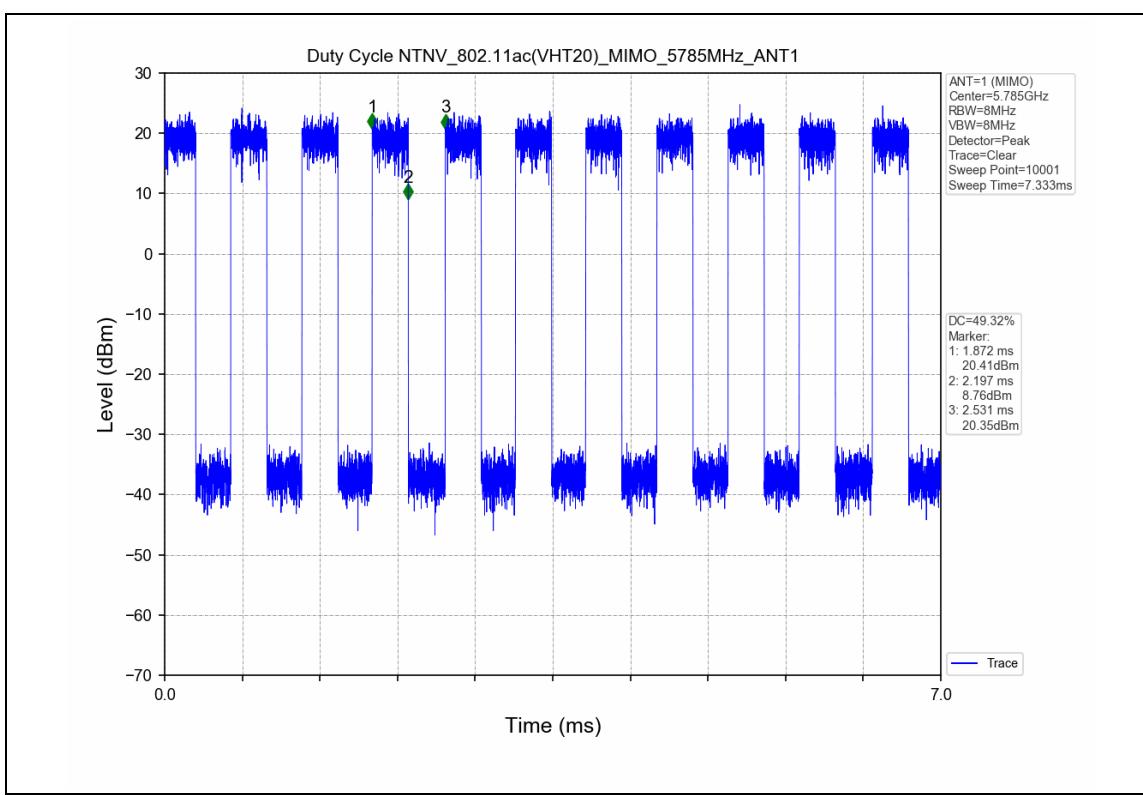
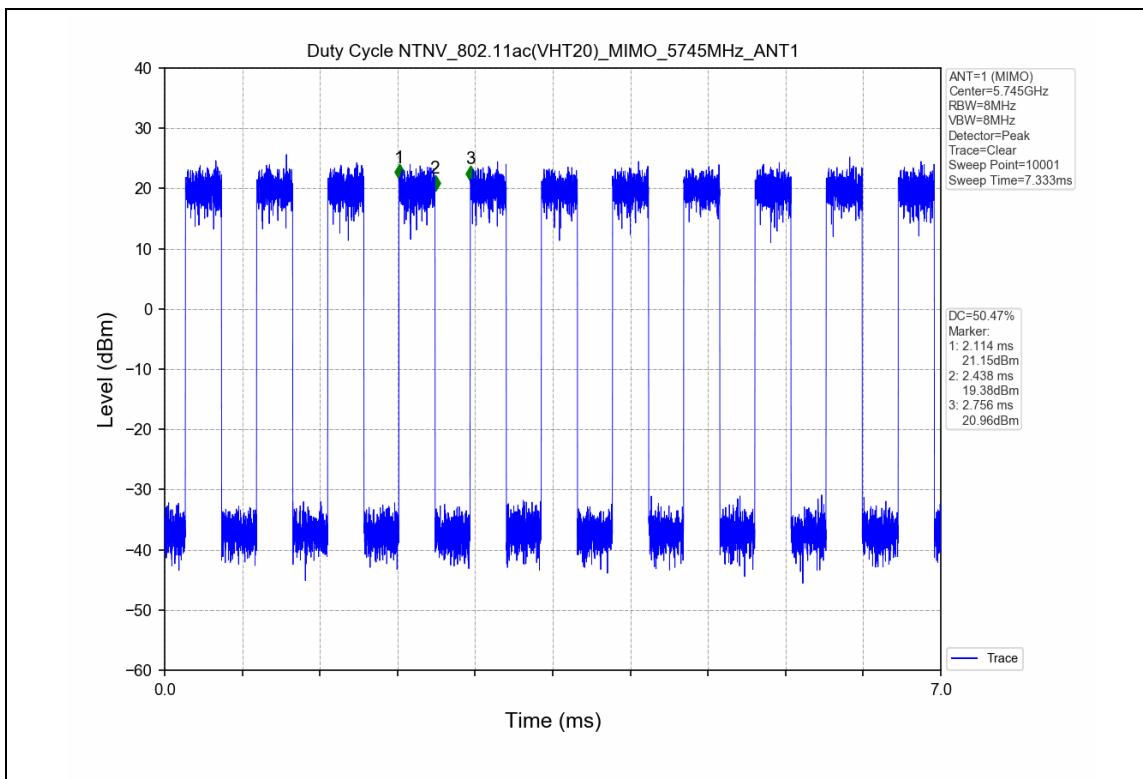
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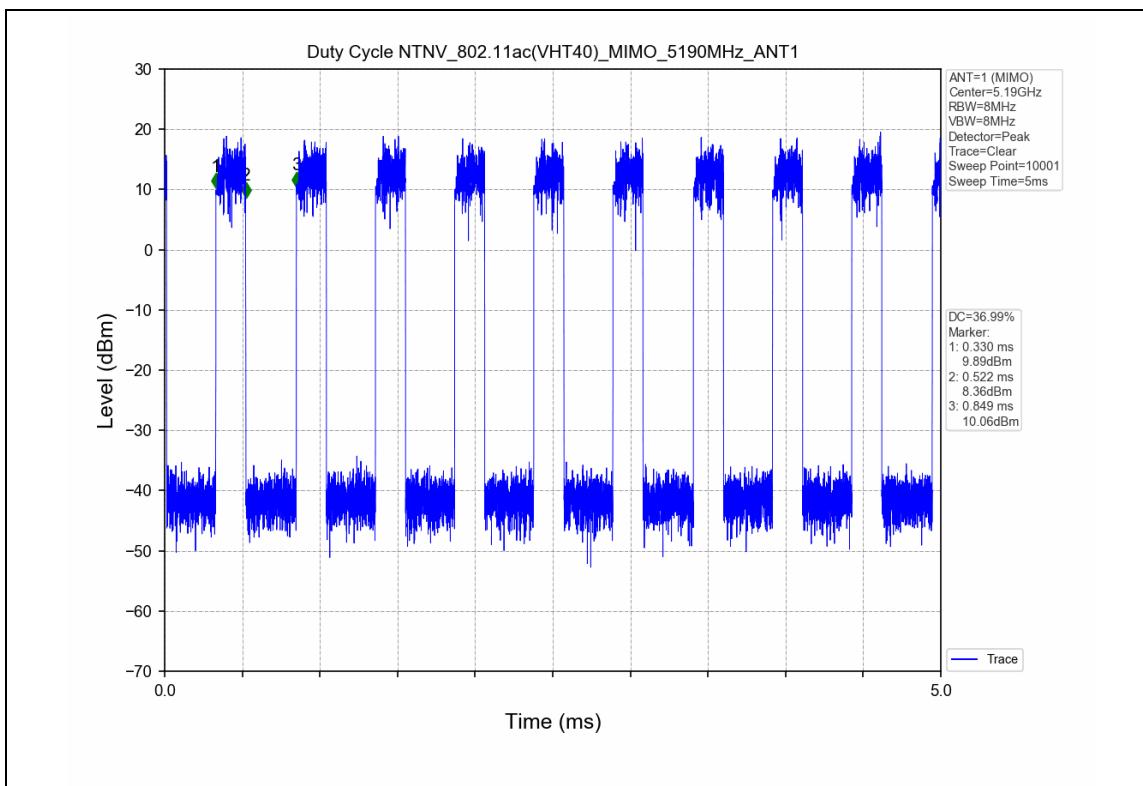
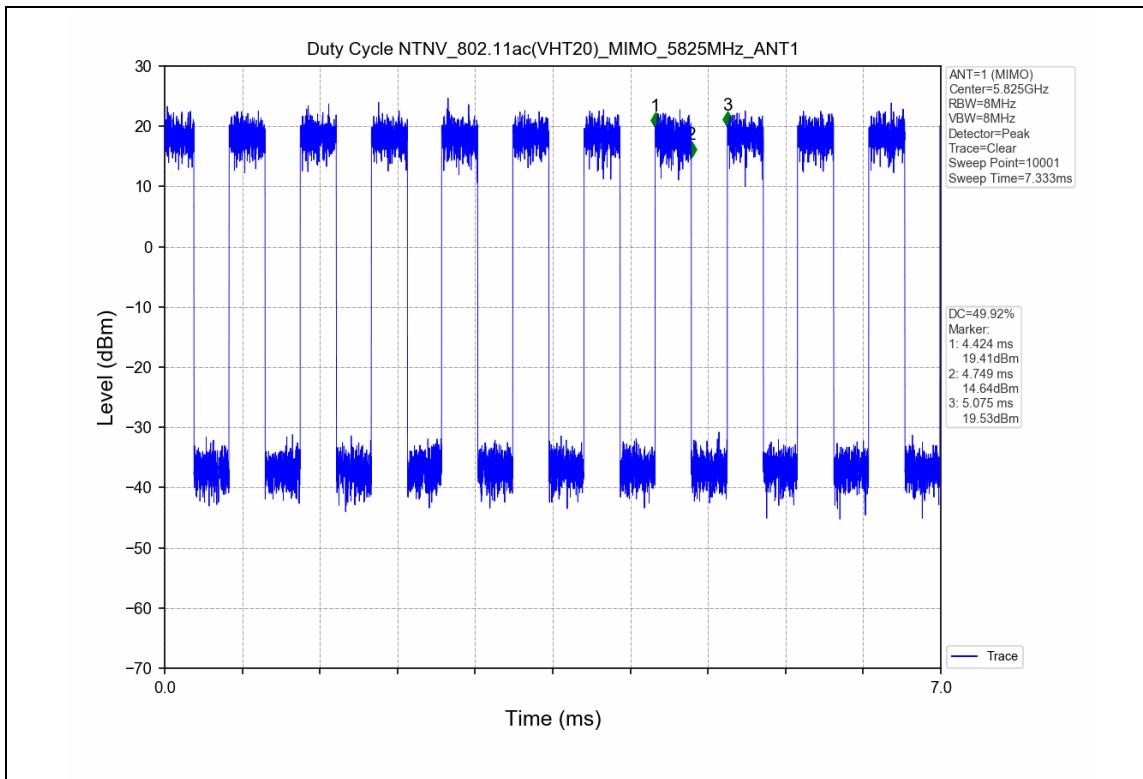


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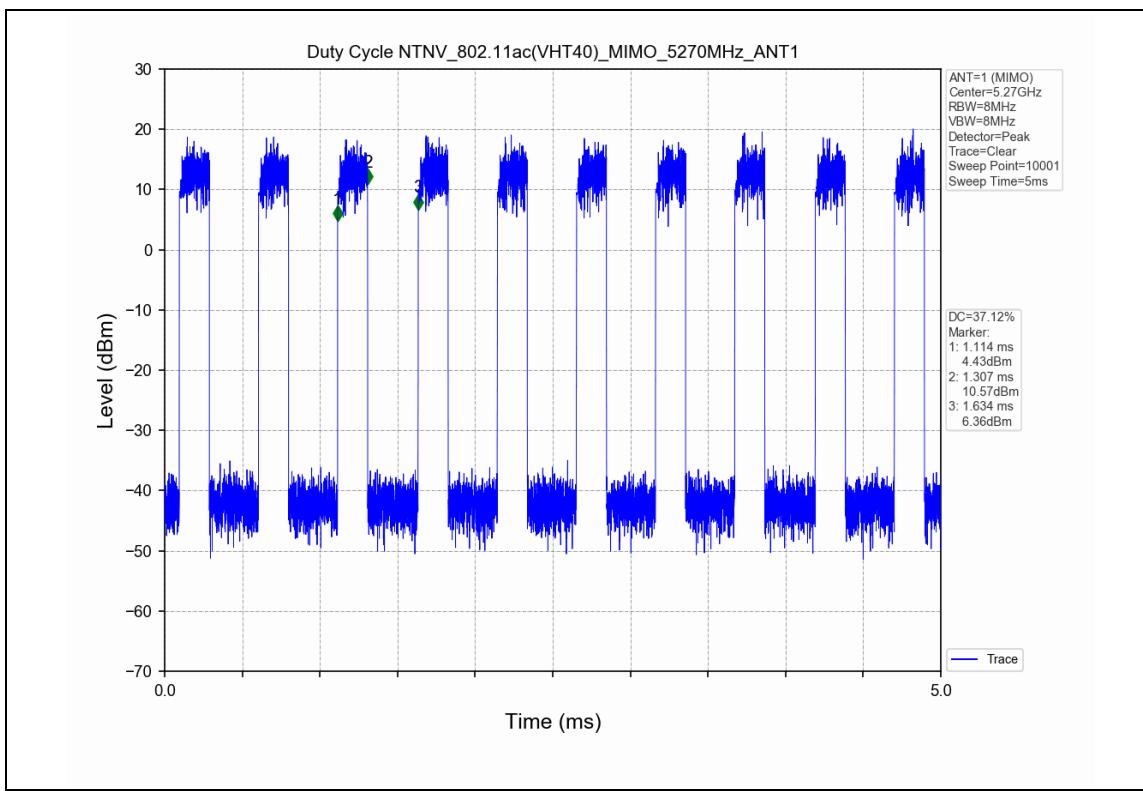
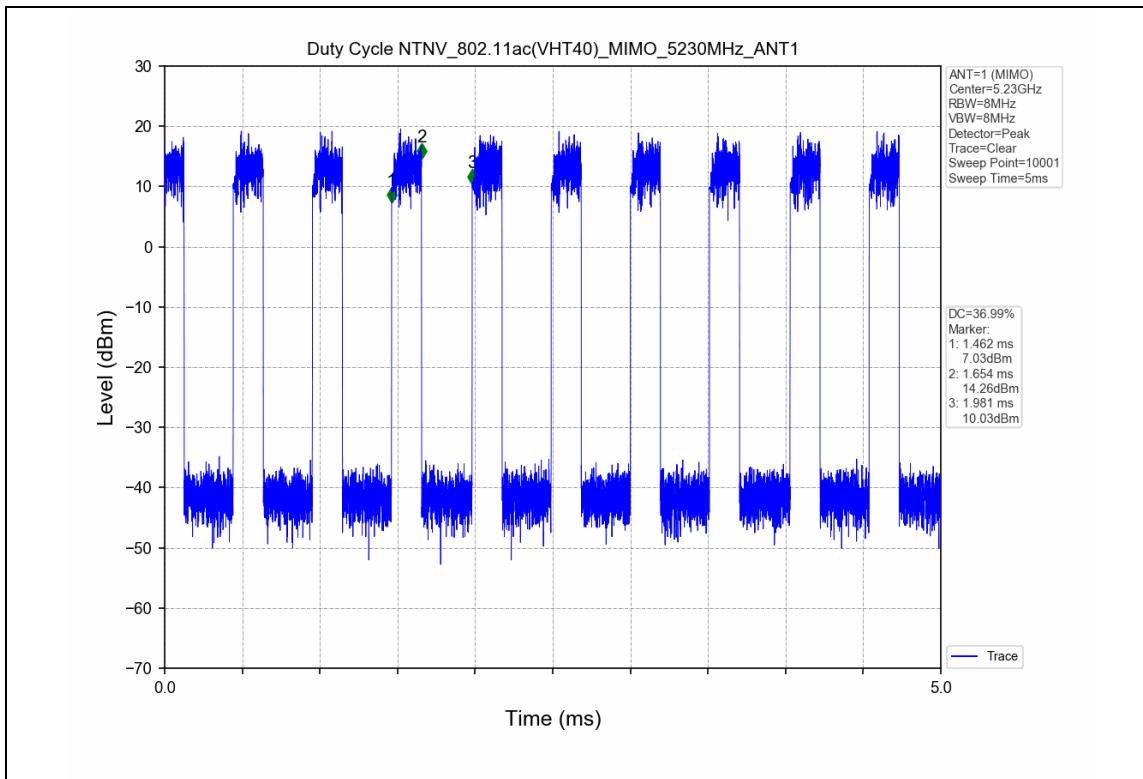
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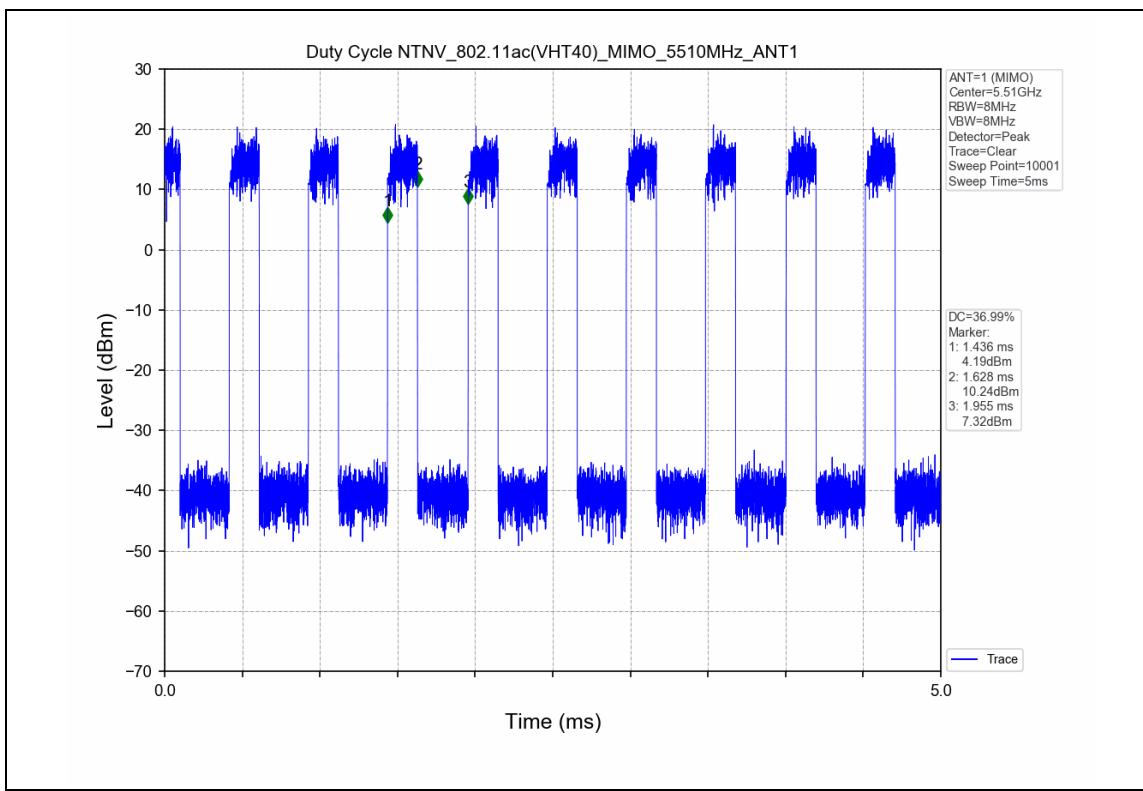
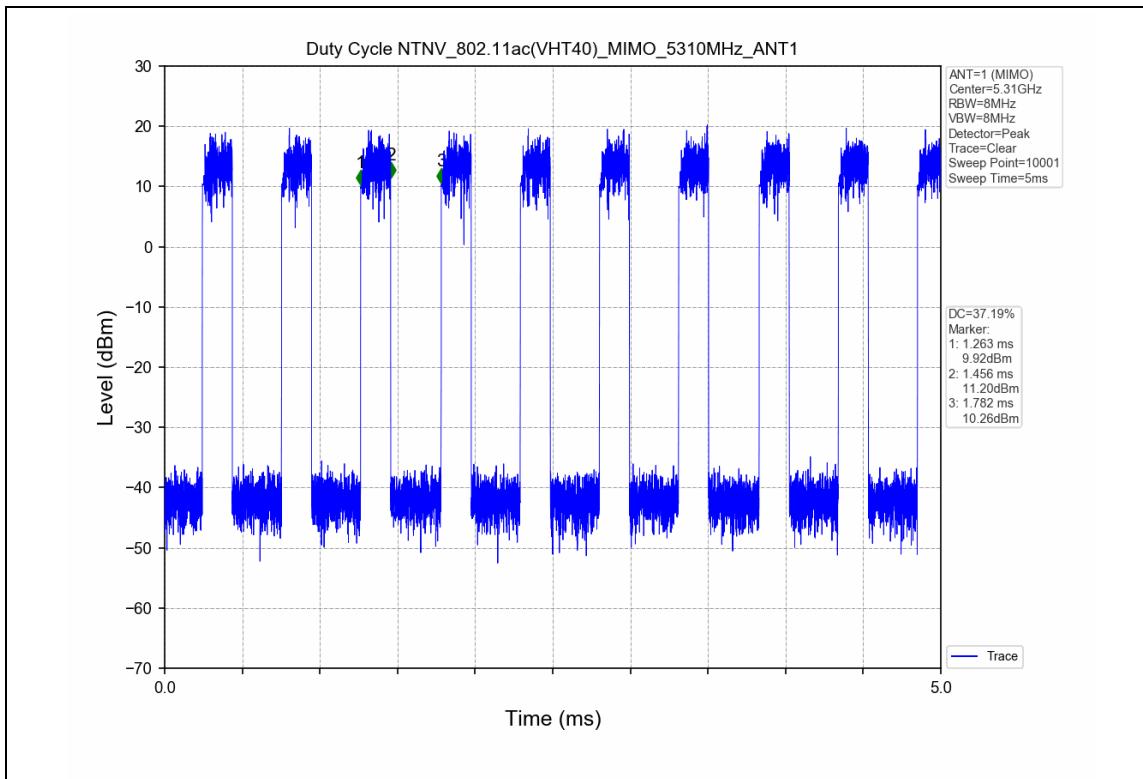
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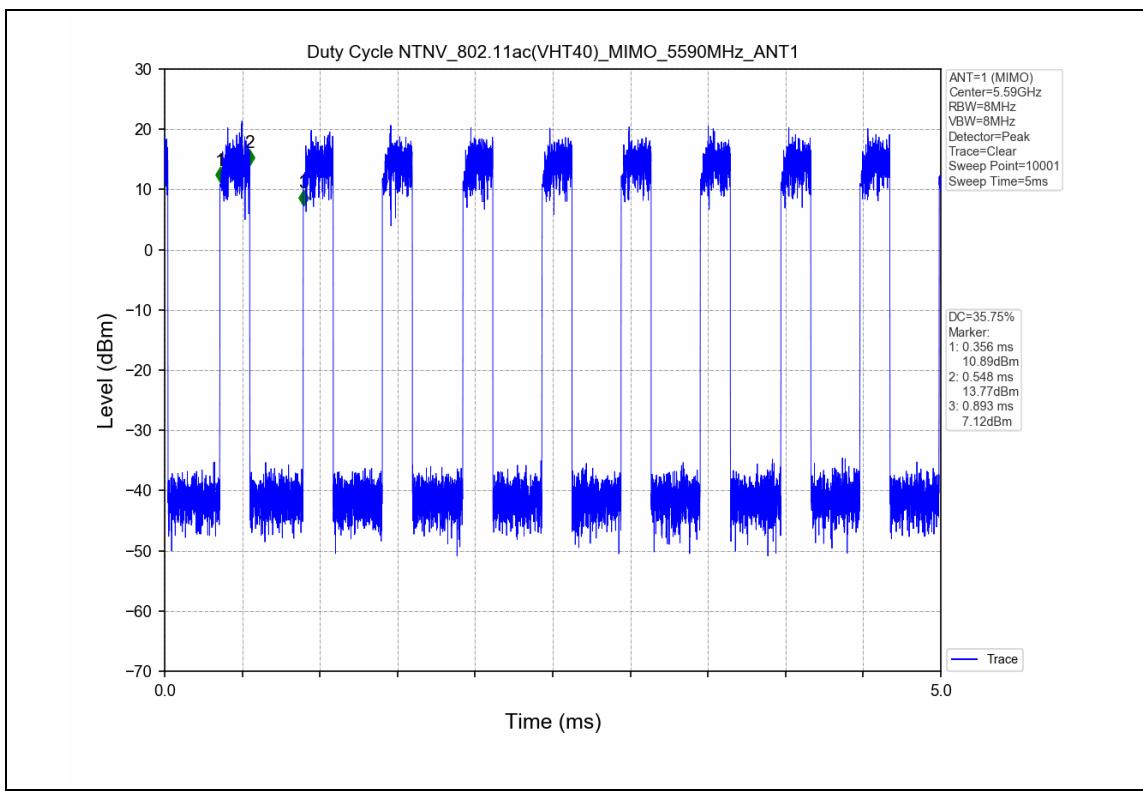
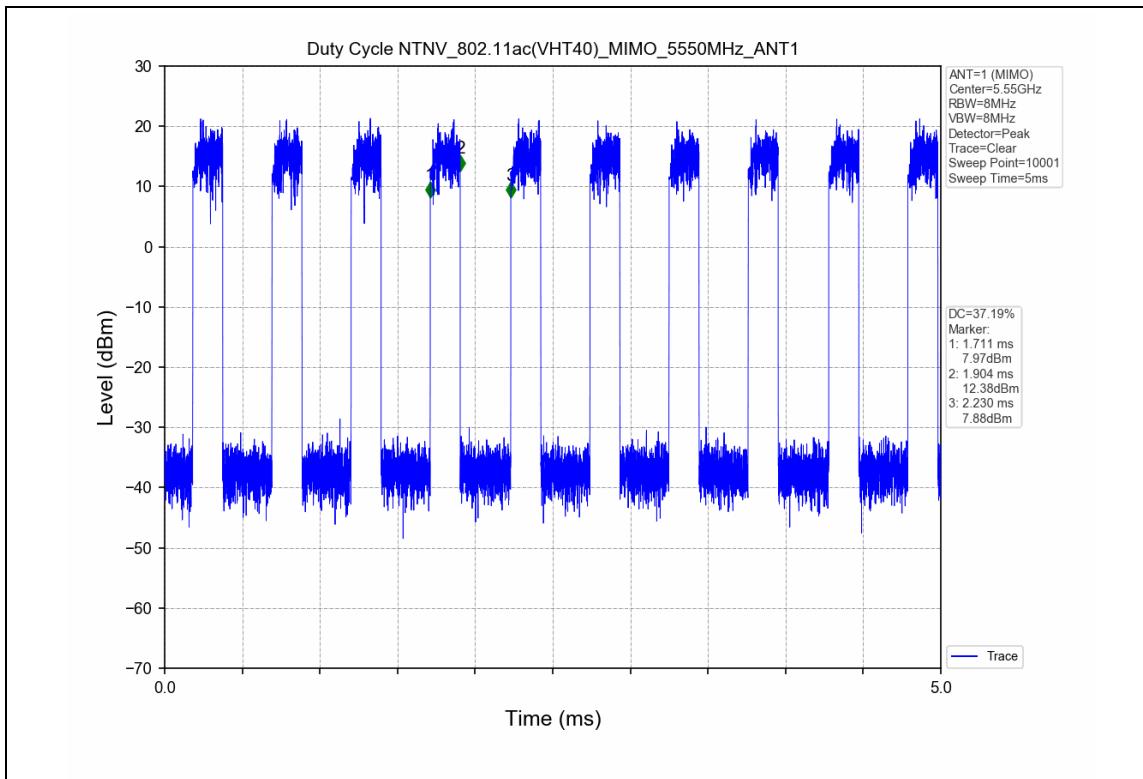
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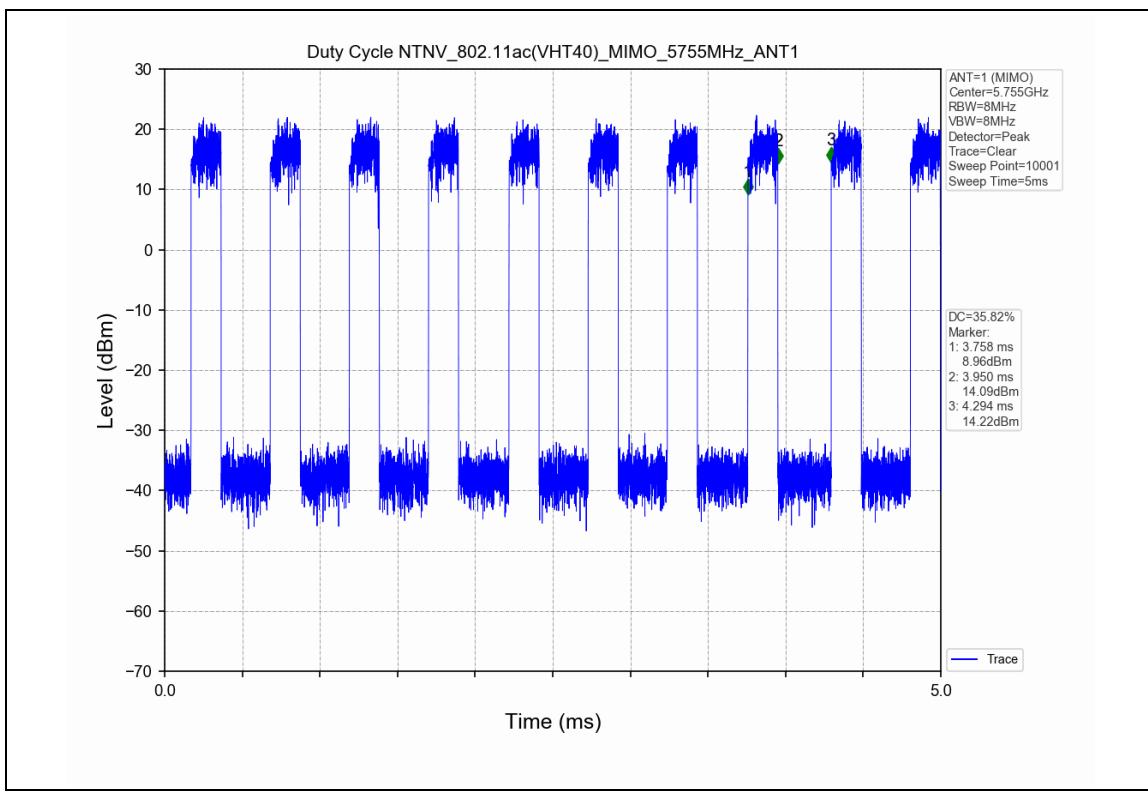
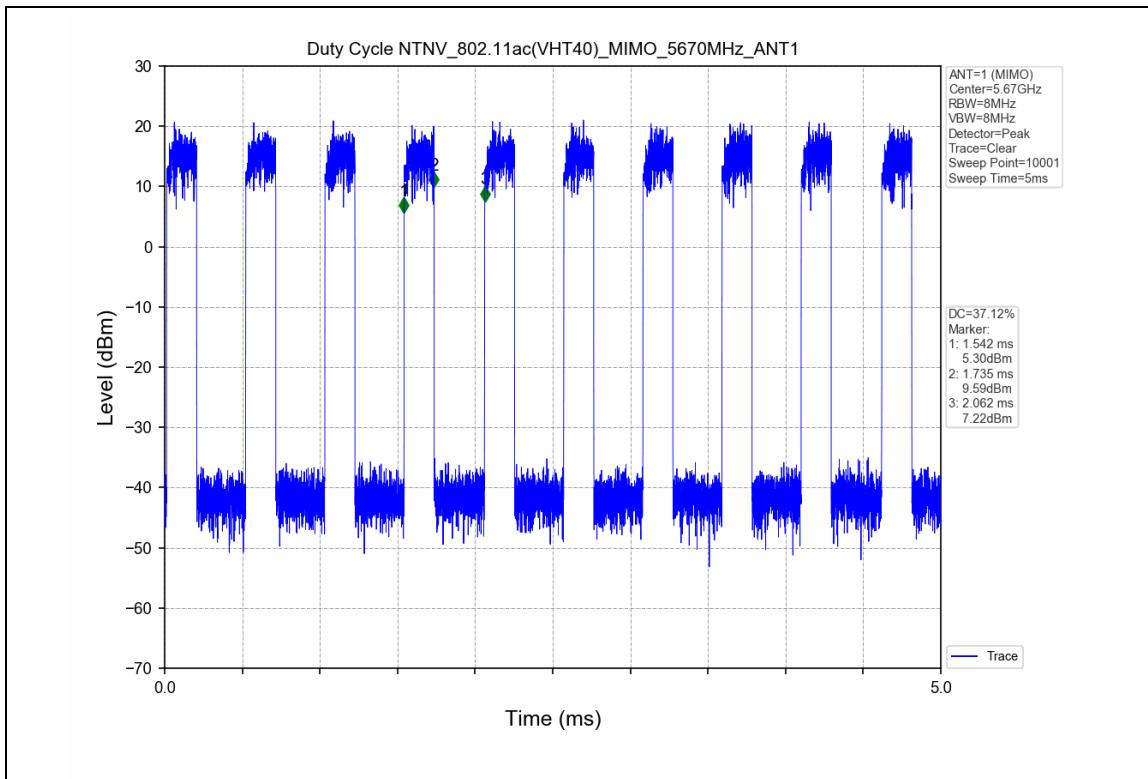
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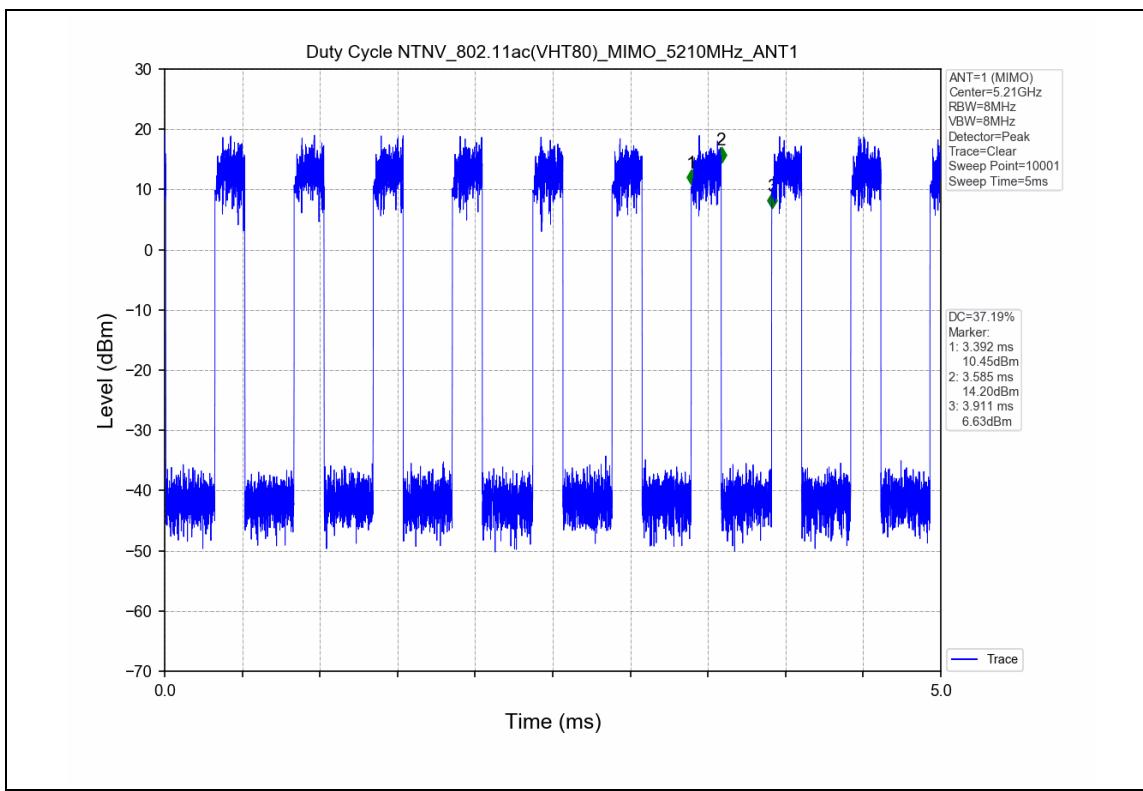
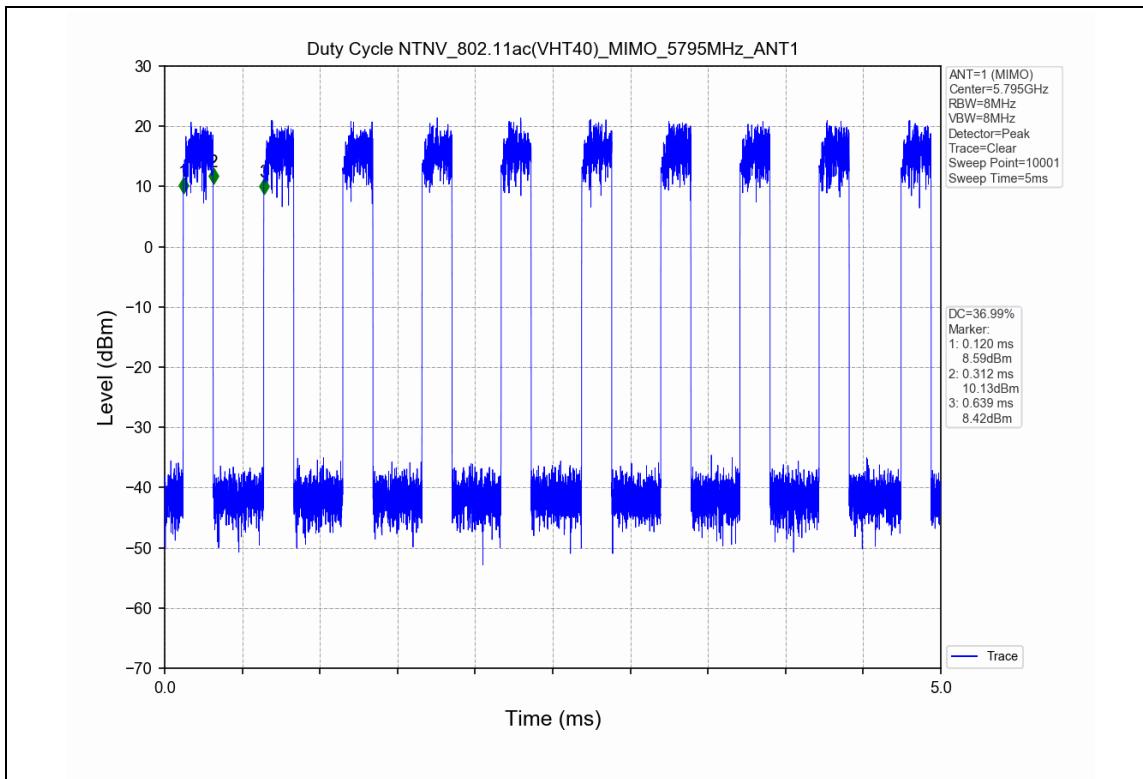
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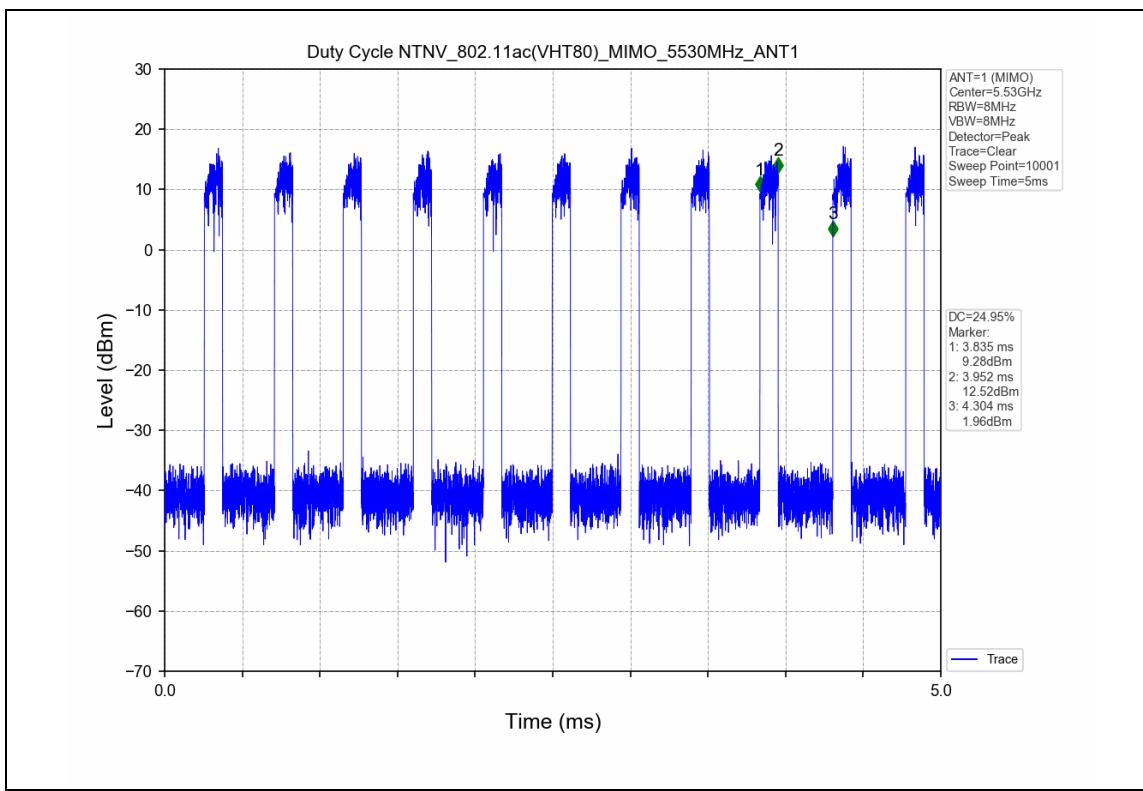
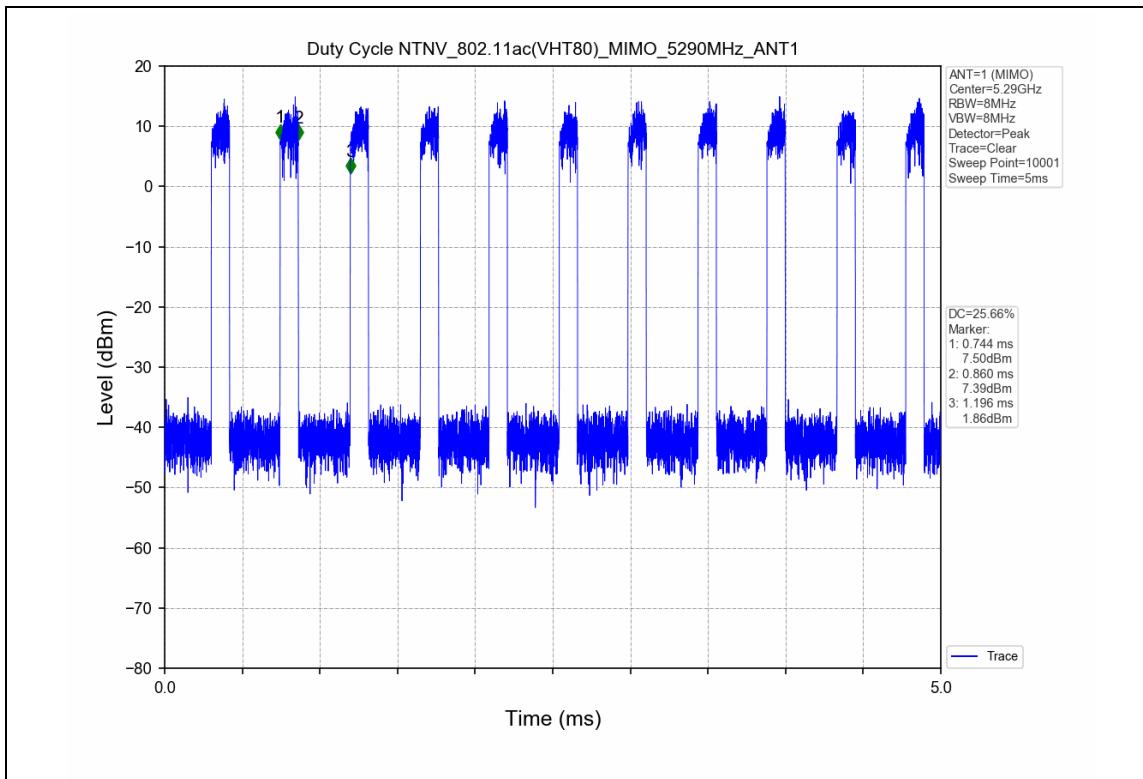
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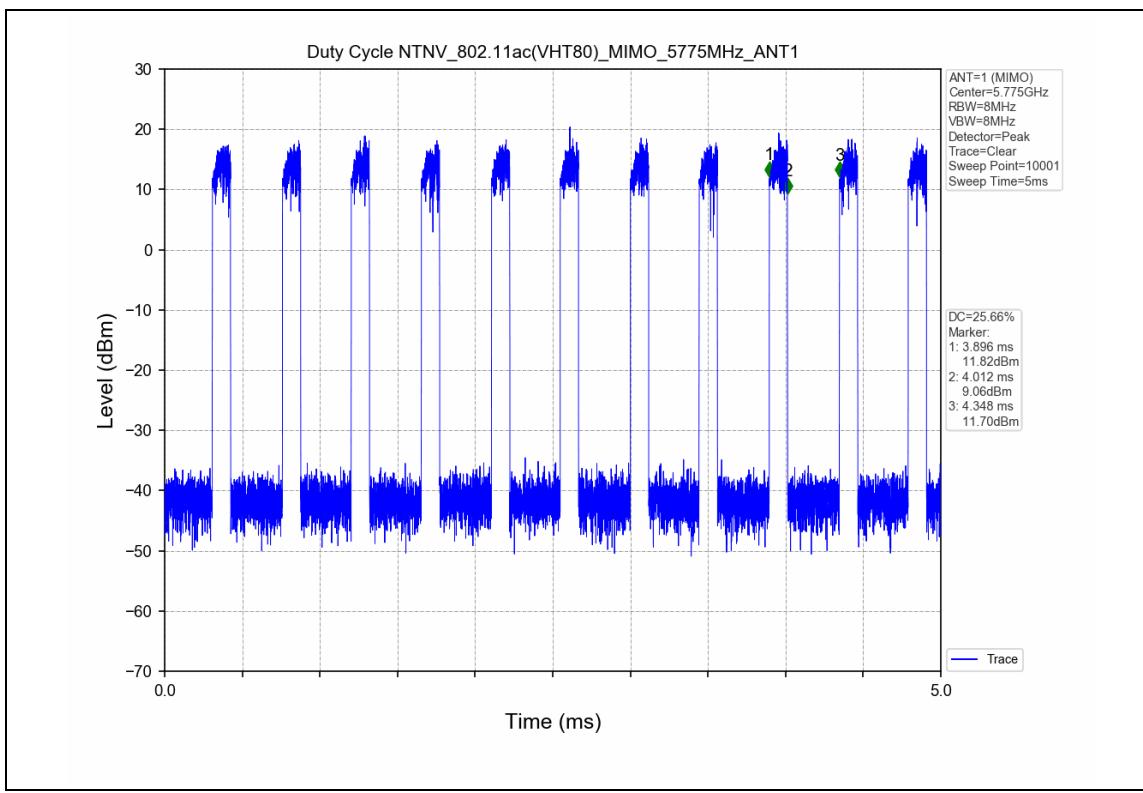
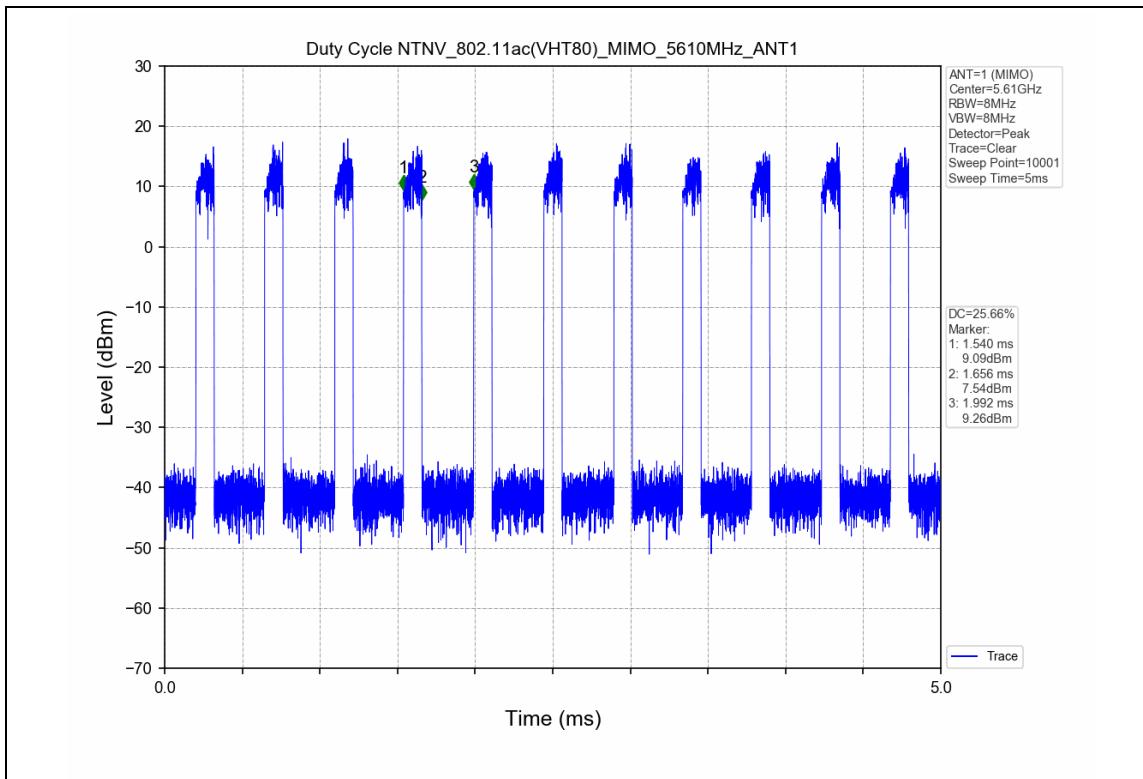
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2. Bandwidth

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	19.737	Only for Report Use	PASS
	5200	SISO	1	19.192	Only for Report Use	PASS
	5240	SISO	1	19.359	Only for Report Use	PASS
	5260	SISO	1	19.400	Only for Report Use	PASS
	5300	SISO	1	19.415	Only for Report Use	PASS
	5320	SISO	1	19.448	Only for Report Use	PASS
	5500	SISO	1	19.349	Only for Report Use	PASS
	5580	SISO	1	19.407	Only for Report Use	PASS
	5600	SISO	1	19.518	Only for Report Use	PASS
	5700	SISO	1	19.529	Only for Report Use	PASS
802.11n(HT20)	5180	MIMO	1	19.799	Only for Report Use	PASS
	5200	MIMO	1	20.247	Only for Report Use	PASS
	5240	MIMO	1	19.912	Only for Report Use	PASS
	5260	MIMO	1	20.175	Only for Report Use	PASS
	5300	MIMO	1	20.197	Only for Report Use	PASS
	5320	MIMO	1	20.370	Only for Report Use	PASS
	5500	MIMO	1	19.996	Only for Report Use	PASS
	5580	MIMO	1	20.056	Only for Report Use	PASS
	5600	MIMO	1	20.244	Only for Report Use	PASS
	5700	MIMO	1	20.060	Only for Report Use	PASS
802.11n(HT40)	5190	MIMO	1	40.046	Only for Report Use	PASS
	5230	MIMO	1	40.297	Only for Report Use	PASS
	5270	MIMO	1	40.223	Only for Report Use	PASS
	5310	MIMO	1	40.214	Only for Report Use	PASS
	5510	MIMO	1	40.479	Only for Report Use	PASS
	5550	MIMO	1	40.476	Only for Report Use	PASS
	5590	MIMO	1	40.737	Only for Report Use	PASS
	5670	MIMO	1	40.514	Only for Report Use	PASS
802.11ac(VHT20)	5180	MIMO	1	19.485	Only for Report Use	PASS
	5200	MIMO	1	19.884	Only for Report Use	PASS
	5240	MIMO	1	19.807	Only for Report Use	PASS
	5260	MIMO	1	19.900	Only for Report Use	PASS
	5300	MIMO	1	19.907	Only for Report Use	PASS
	5320	MIMO	1	19.628	Only for Report Use	PASS
	5500	MIMO	1	19.922	Only for Report Use	PASS

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	5580	MIMO	1	19.711	Only for Report Use	PASS
	5600	MIMO	1	19.832	Only for Report Use	PASS
	5700	MIMO	1	19.853	Only for Report Use	PASS
802.11ac(VHT40)	5190	MIMO	1	39.935	Only for Report Use	PASS
	5230	MIMO	1	40.012	Only for Report Use	PASS
	5270	MIMO	1	40.043	Only for Report Use	PASS
	5310	MIMO	1	39.702	Only for Report Use	PASS
	5510	MIMO	1	39.850	Only for Report Use	PASS
	5550	MIMO	1	39.596	Only for Report Use	PASS
	5590	MIMO	1	40.175	Only for Report Use	PASS
	5670	MIMO	1	39.961	Only for Report Use	PASS
802.11ac(VHT80)	5210	MIMO	1	81.101	Only for Report Use	PASS
	5290	MIMO	1	80.306	Only for Report Use	PASS
	5530	MIMO	1	80.092	Only for Report Use	PASS
	5610	MIMO	1	80.306	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	15.660	≥0.5	PASS
	5785	SISO	1	15.163	≥0.5	PASS
	5825	SISO	1	15.750	≥0.5	PASS
802.11n(HT20)	5745	MIMO	1	15.147	≥0.5	PASS
	5785	MIMO	1	13.863	≥0.5	PASS
	5825	MIMO	1	15.149	≥0.5	PASS
802.11n(HT40)	5755	MIMO	1	35.240	≥0.5	PASS
	5795	MIMO	1	35.196	≥0.5	PASS
802.11ac(VHT20)	5745	MIMO	1	15.152	≥0.5	PASS
	5785	MIMO	1	15.130	≥0.5	PASS
	5825	MIMO	1	15.821	≥0.5	PASS
802.11ac(VHT40)	5755	MIMO	1	35.251	≥0.5	PASS
	5795	MIMO	1	35.289	≥0.5	PASS
802.11ac(VHT80)	5775	MIMO	1	74.292	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.647	Only for Report Use
	5200	SISO	1	16.526	Only for Report Use
	5240	SISO	1	16.480	Only for Report Use
	5260	SISO	1	16.542	Only for Report Use
	5300	SISO	1	16.519	Only for Report Use

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	5320	SISO	1	16.576	Only for Report Use
	5500	SISO	1	16.518	Only for Report Use
	5580	SISO	1	16.552	Only for Report Use
	5600	SISO	1	16.553	Only for Report Use
	5700	SISO	1	16.552	Only for Report Use
	5745	SISO	1	16.591	Only for Report Use
	5785	SISO	1	16.625	Only for Report Use
	5825	SISO	1	16.648	Only for Report Use
802.11n(HT20)	5180	MIMO	1	17.664	Only for Report Use
	5200	MIMO	1	17.601	Only for Report Use
	5240	MIMO	1	17.661	Only for Report Use
	5260	MIMO	1	17.654	Only for Report Use
	5300	MIMO	1	17.700	Only for Report Use
	5320	MIMO	1	17.607	Only for Report Use
	5500	MIMO	1	17.653	Only for Report Use
	5580	MIMO	1	17.627	Only for Report Use
	5600	MIMO	1	17.624	Only for Report Use
	5700	MIMO	1	17.676	Only for Report Use
	5745	MIMO	1	17.633	Only for Report Use
	5785	MIMO	1	17.678	Only for Report Use
	5825	MIMO	1	17.636	Only for Report Use
802.11n(HT40)	5190	MIMO	1	36.216	Only for Report Use
	5230	MIMO	1	36.222	Only for Report Use
	5270	MIMO	1	36.225	Only for Report Use
	5310	MIMO	1	36.247	Only for Report Use
	5510	MIMO	1	36.251	Only for Report Use
	5550	MIMO	1	36.207	Only for Report Use
	5590	MIMO	1	36.233	Only for Report Use
	5670	MIMO	1	36.181	Only for Report Use
	5755	MIMO	1	36.212	Only for Report Use
	5795	MIMO	1	36.197	Only for Report Use
802.11ac(VHT20)	5180	MIMO	1	17.665	Only for Report Use
	5200	MIMO	1	17.649	Only for Report Use
	5240	MIMO	1	17.681	Only for Report Use
	5260	MIMO	1	17.675	Only for Report Use
	5300	MIMO	1	17.639	Only for Report Use
	5320	MIMO	1	17.648	Only for Report Use
	5500	MIMO	1	17.646	Only for Report Use
	5580	MIMO	1	17.632	Only for Report Use
	5600	MIMO	1	17.670	Only for Report Use

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	5700	MIMO	1	17.645	Only for Report Use
	5745	MIMO	1	17.696	Only for Report Use
	5785	MIMO	1	17.737	Only for Report Use
	5825	MIMO	1	17.673	Only for Report Use
802.11ac(VHT40)	5190	MIMO	1	36.193	Only for Report Use
	5230	MIMO	1	36.323	Only for Report Use
	5270	MIMO	1	36.258	Only for Report Use
	5310	MIMO	1	36.265	Only for Report Use
	5510	MIMO	1	36.204	Only for Report Use
	5550	MIMO	1	36.177	Only for Report Use
	5590	MIMO	1	36.193	Only for Report Use
	5670	MIMO	1	36.152	Only for Report Use
	5755	MIMO	1	36.404	Only for Report Use
	5795	MIMO	1	36.349	Only for Report Use
802.11ac(VHT80)	5210	MIMO	1	75.480	Only for Report Use
	5290	MIMO	1	75.559	Only for Report Use
	5530	MIMO	1	75.498	Only for Report Use
	5610	MIMO	1	75.438	Only for Report Use
	5775	MIMO	1	75.671	Only for Report Use

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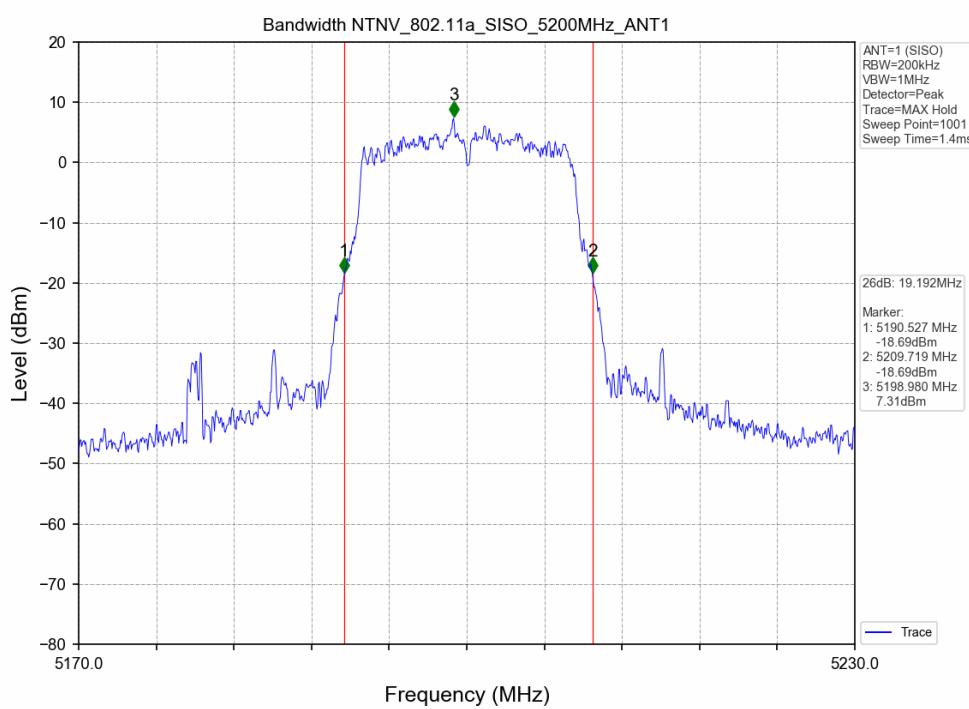
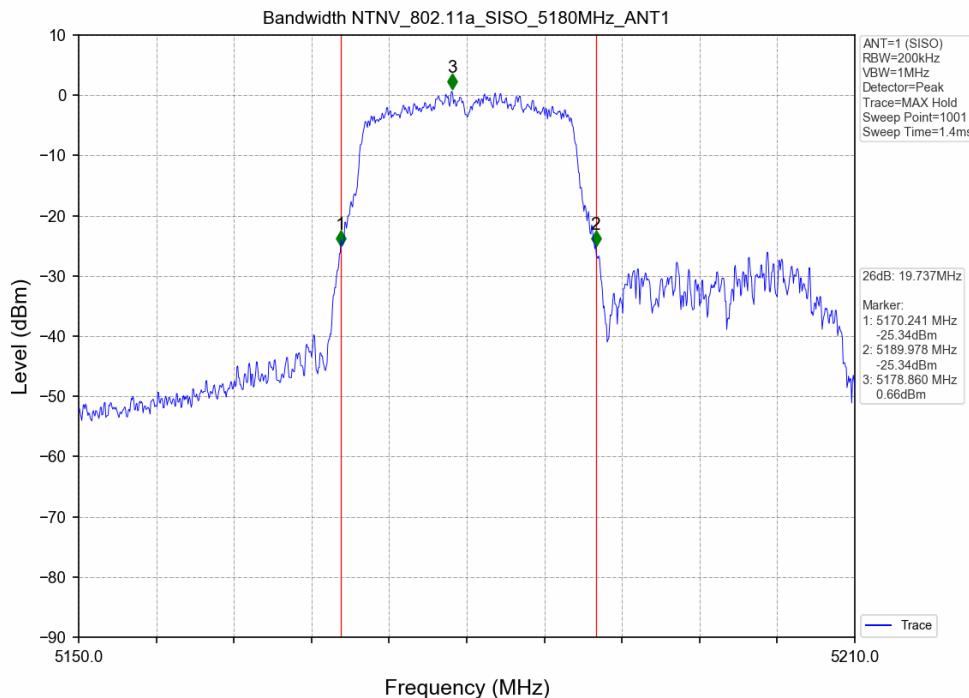
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2.2 Test Graph - Emission Bandwidth



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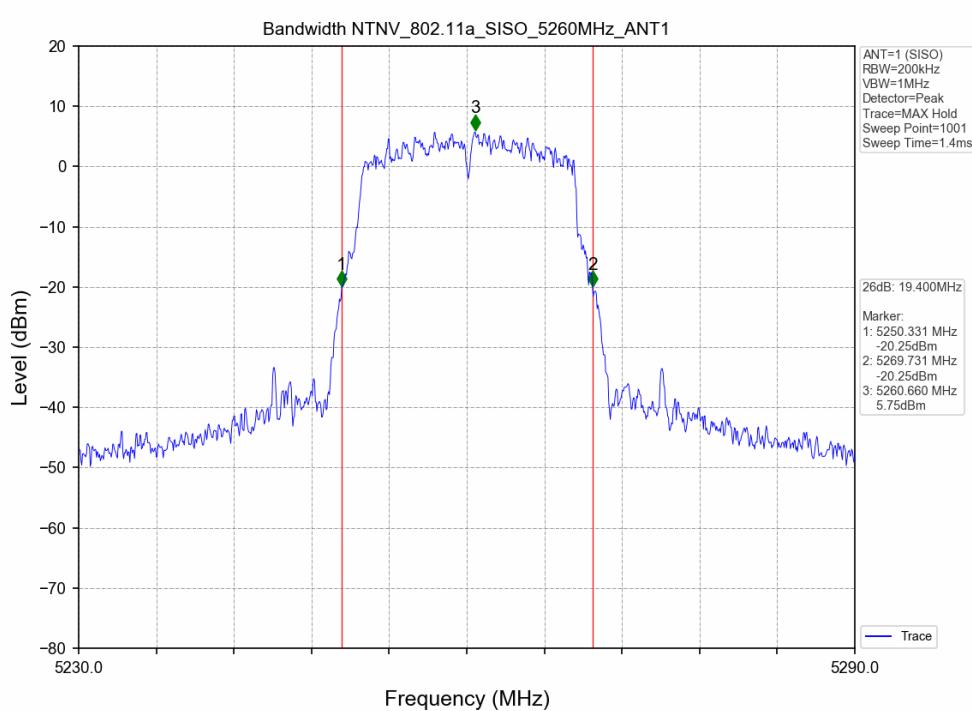
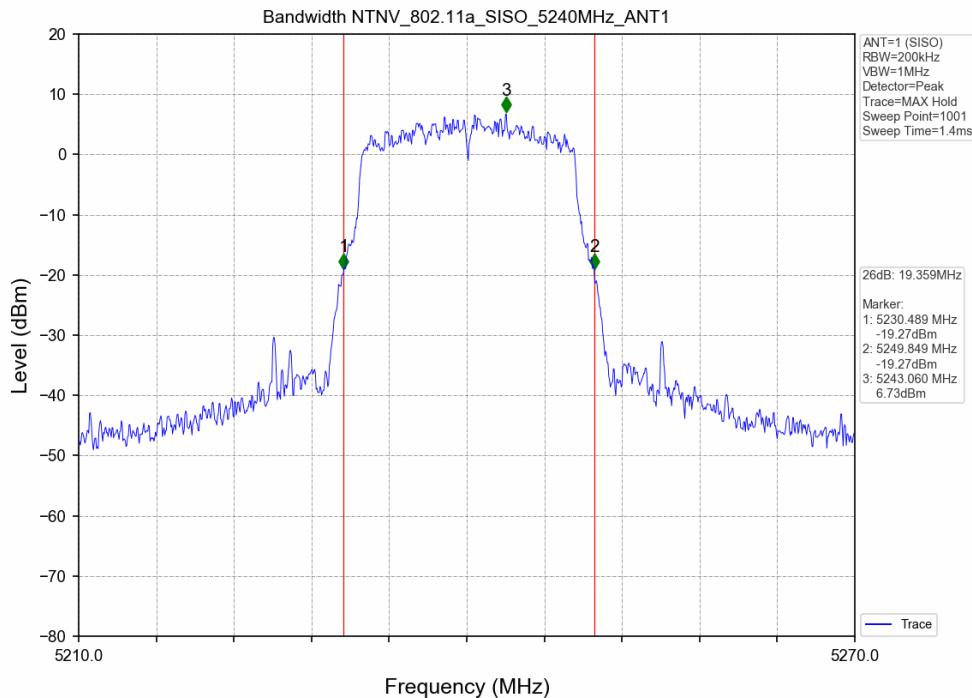
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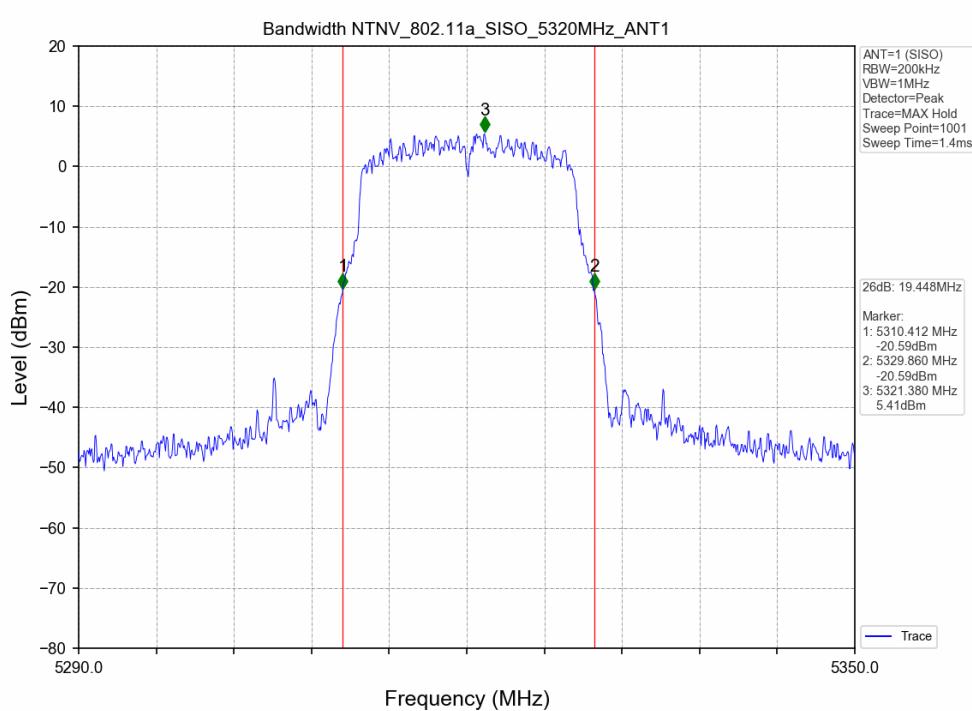
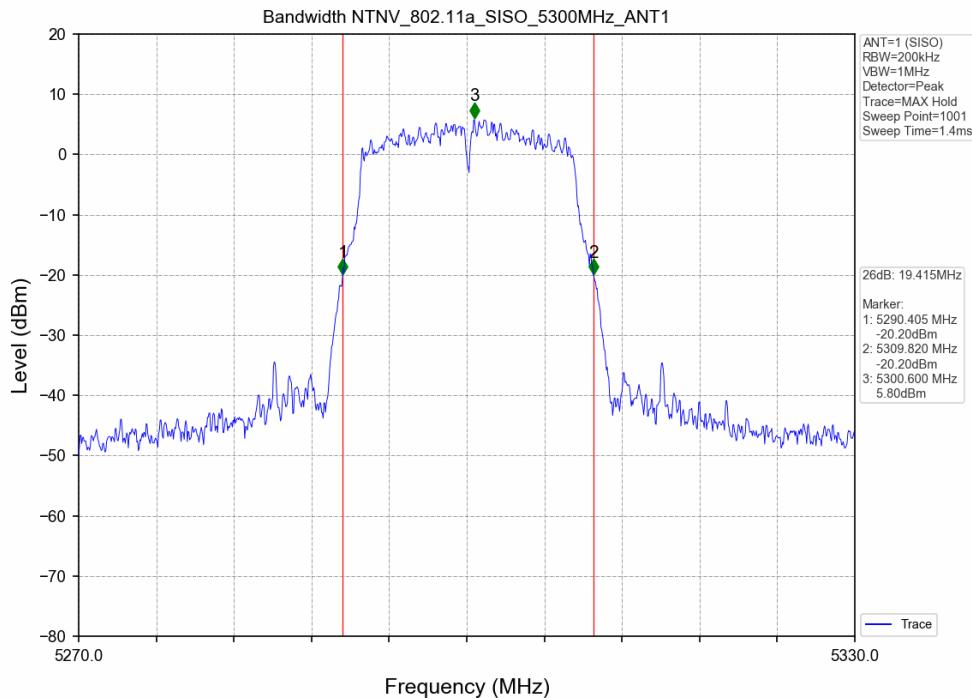
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Shenzhen Branch Inspection & Testing Services Laboratory

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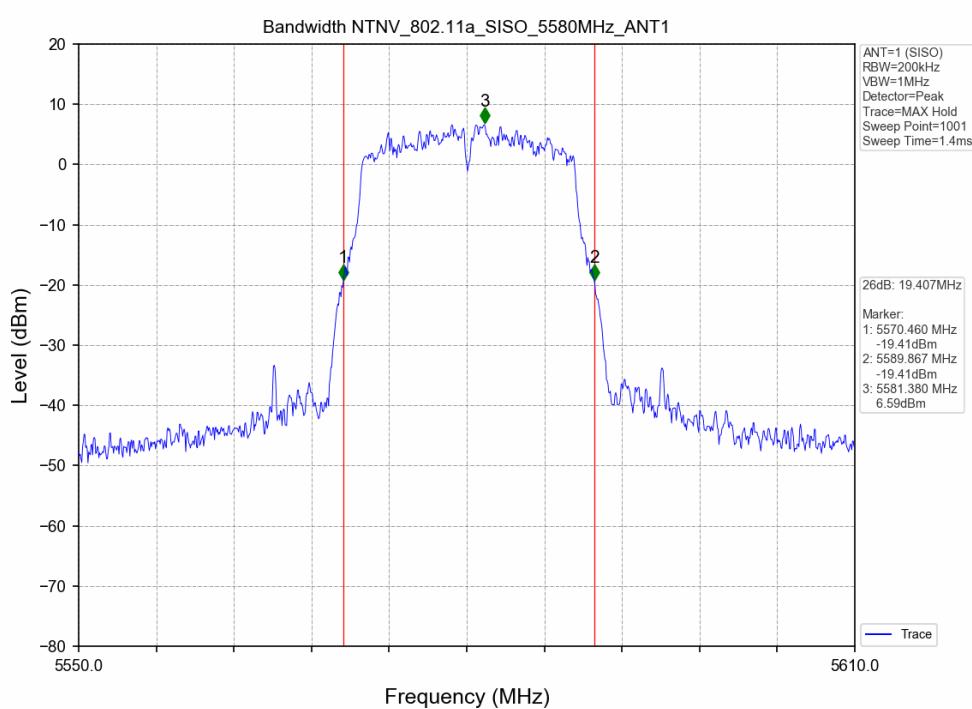
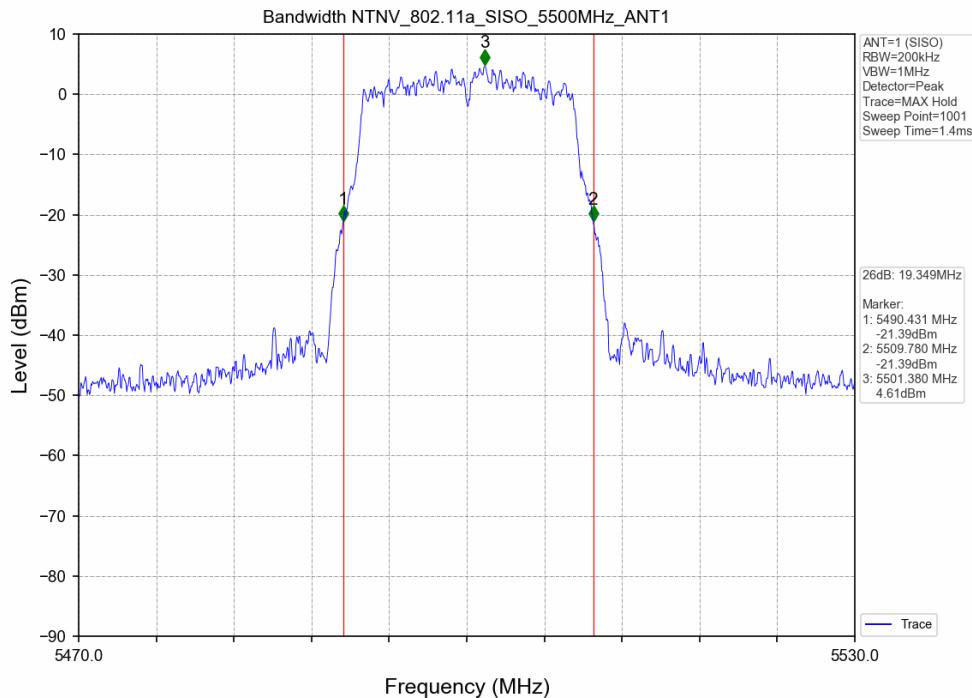
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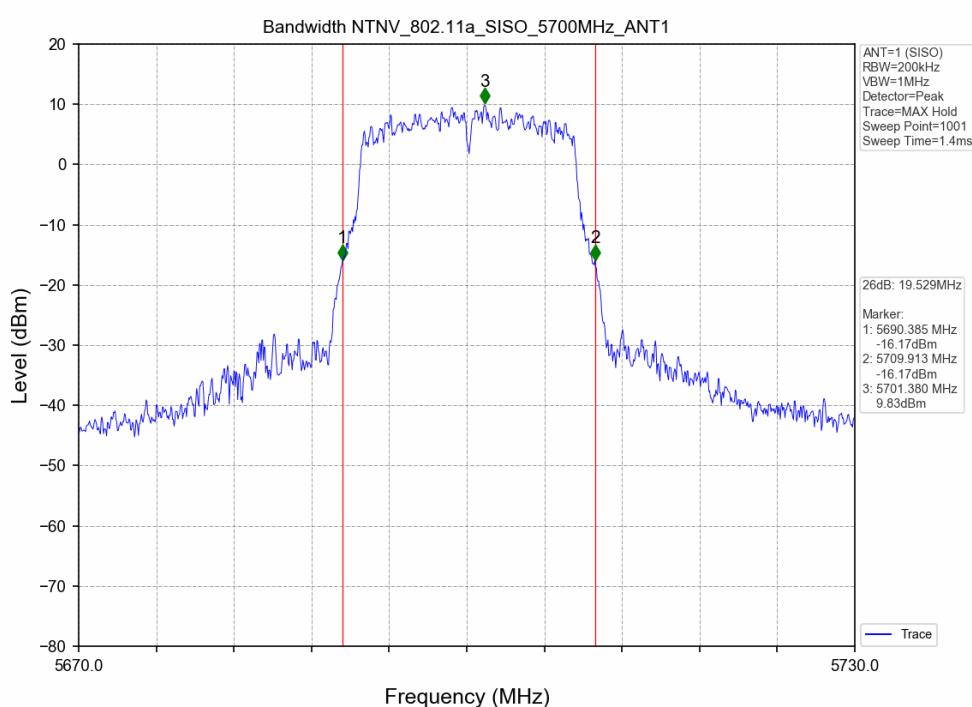
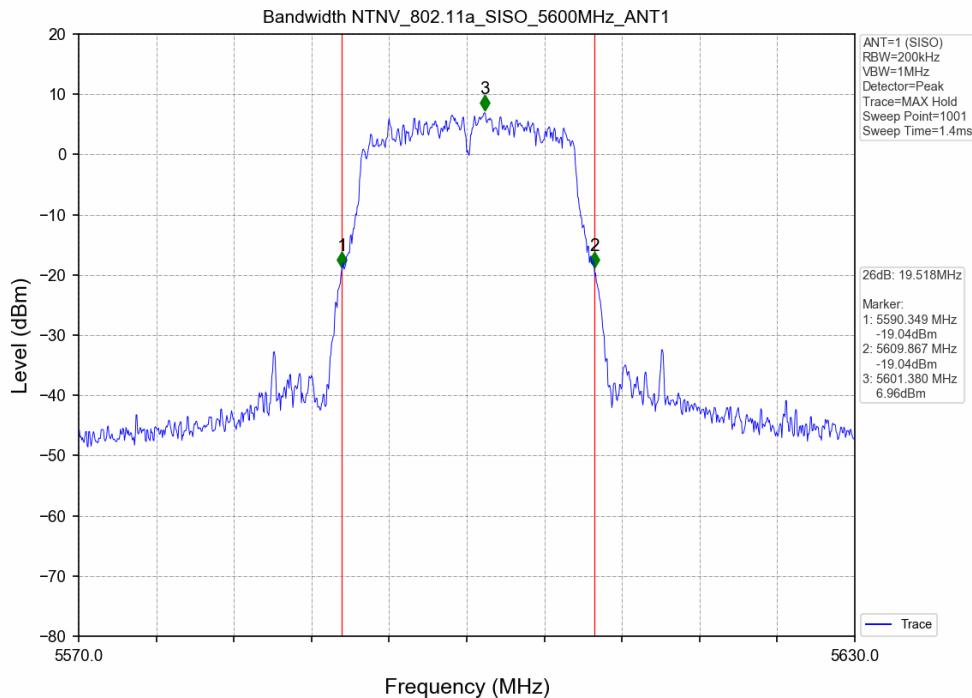
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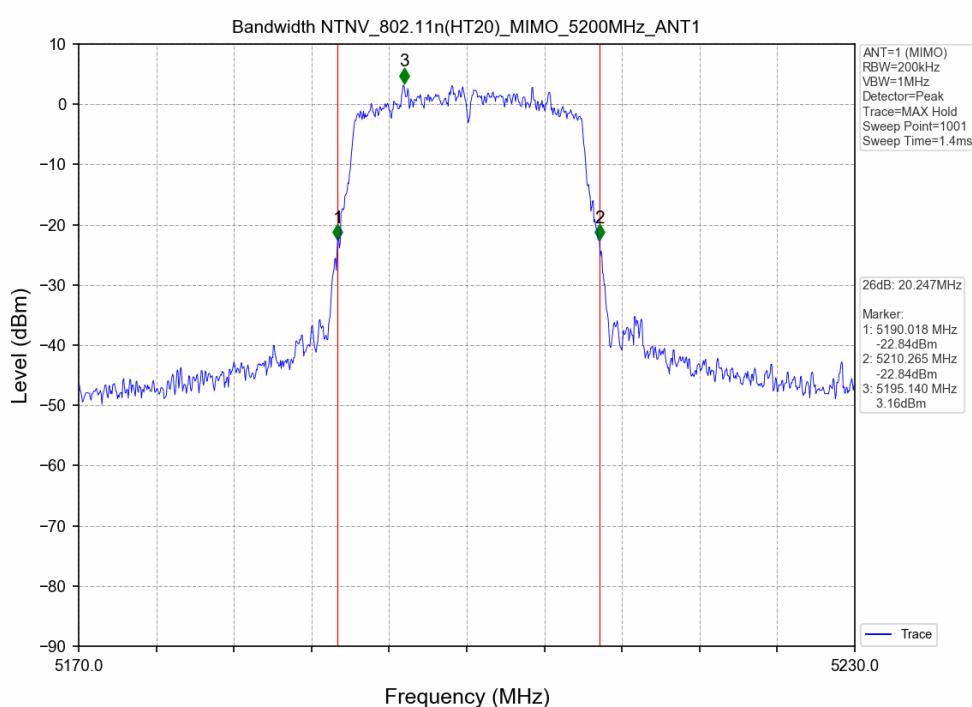
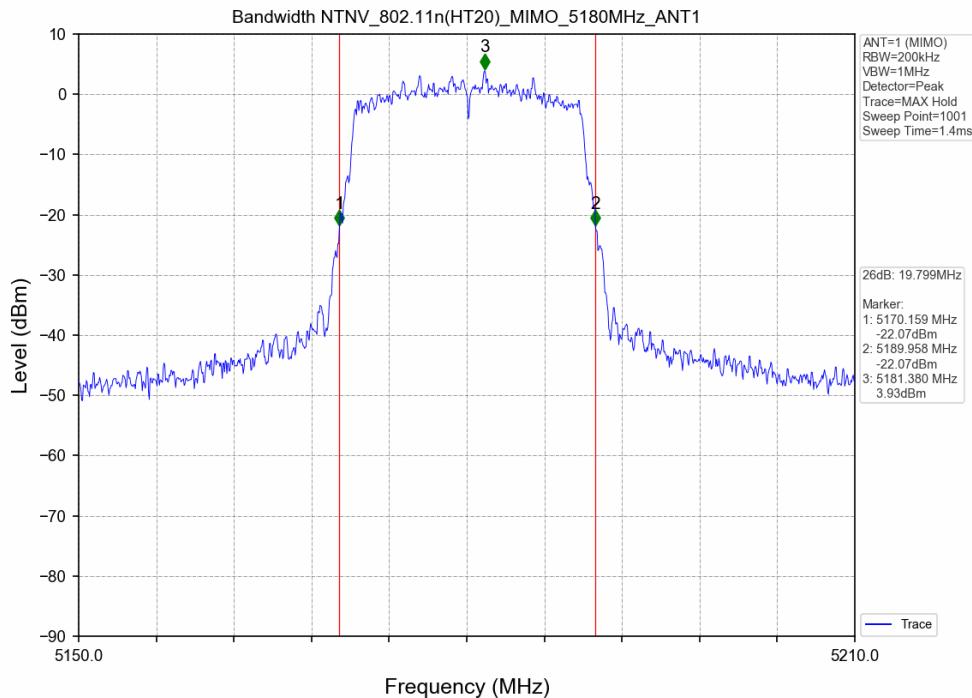
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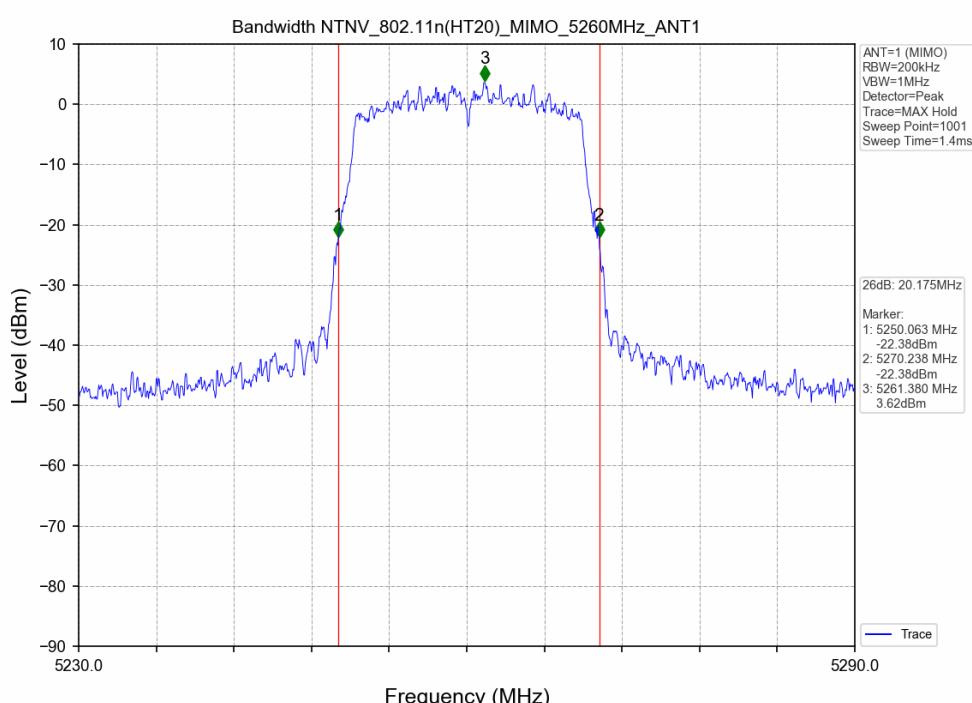
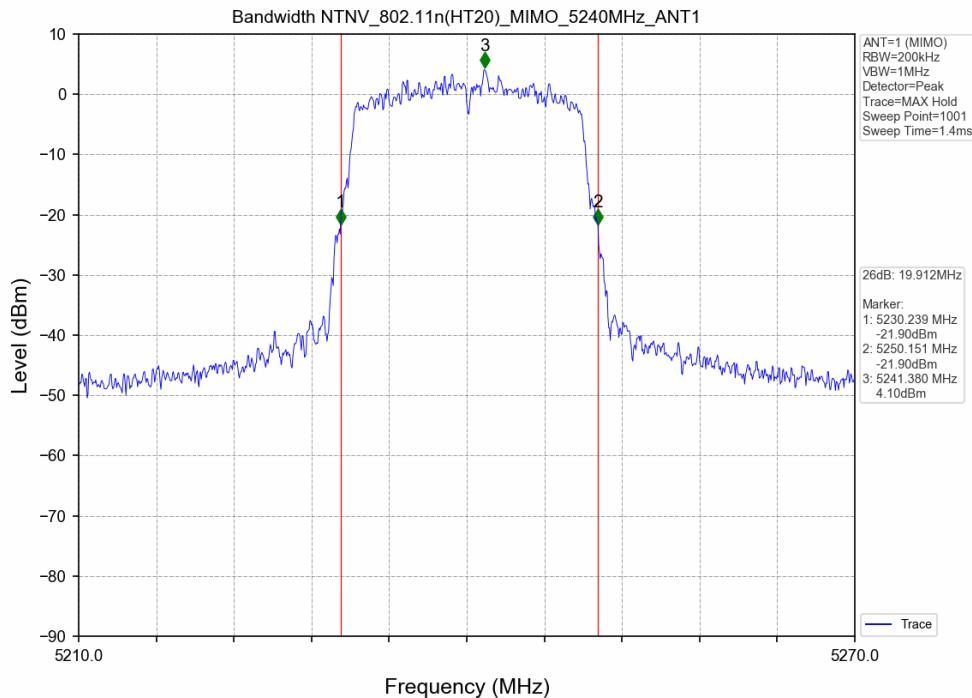
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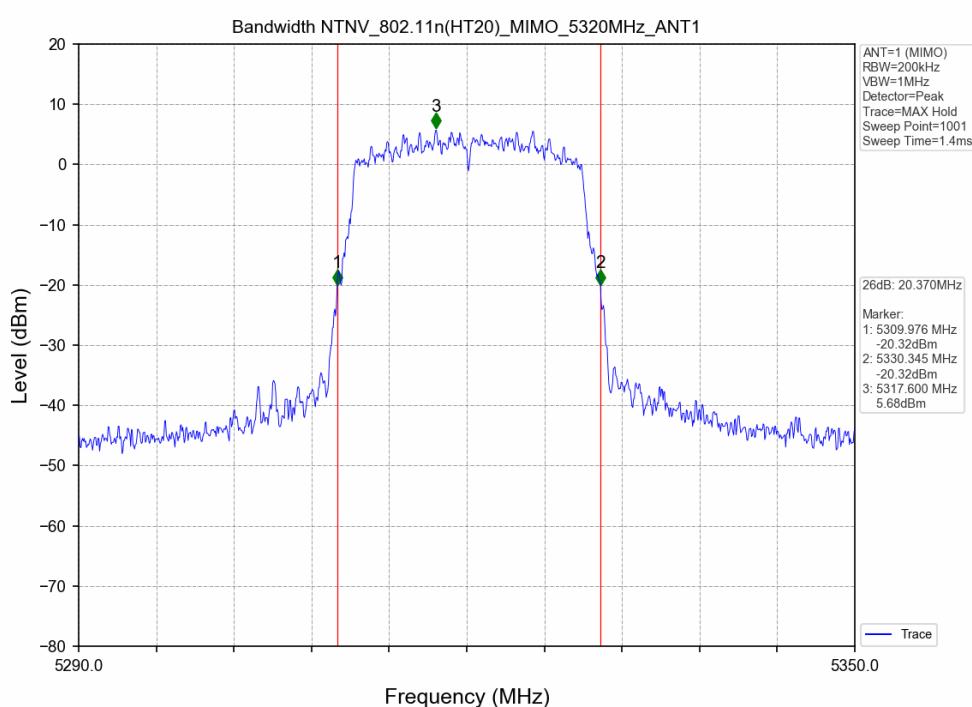
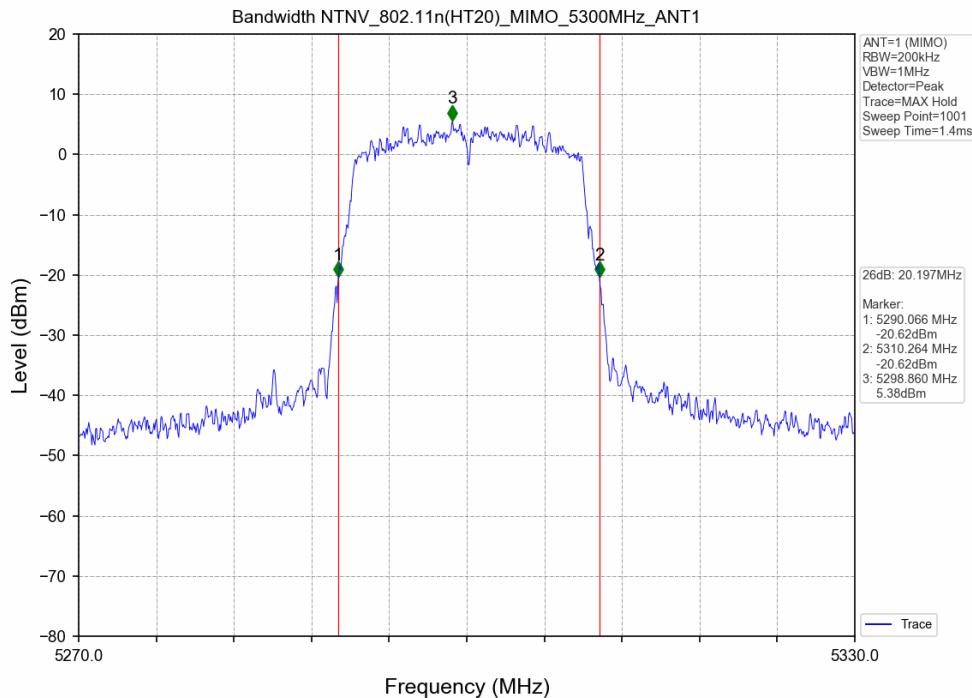
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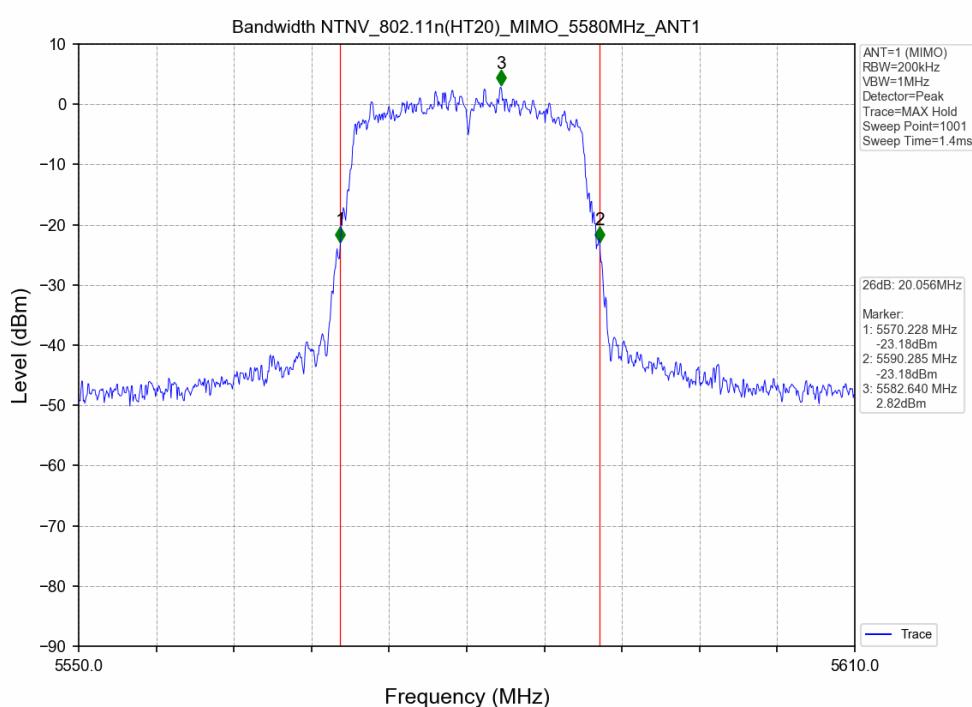
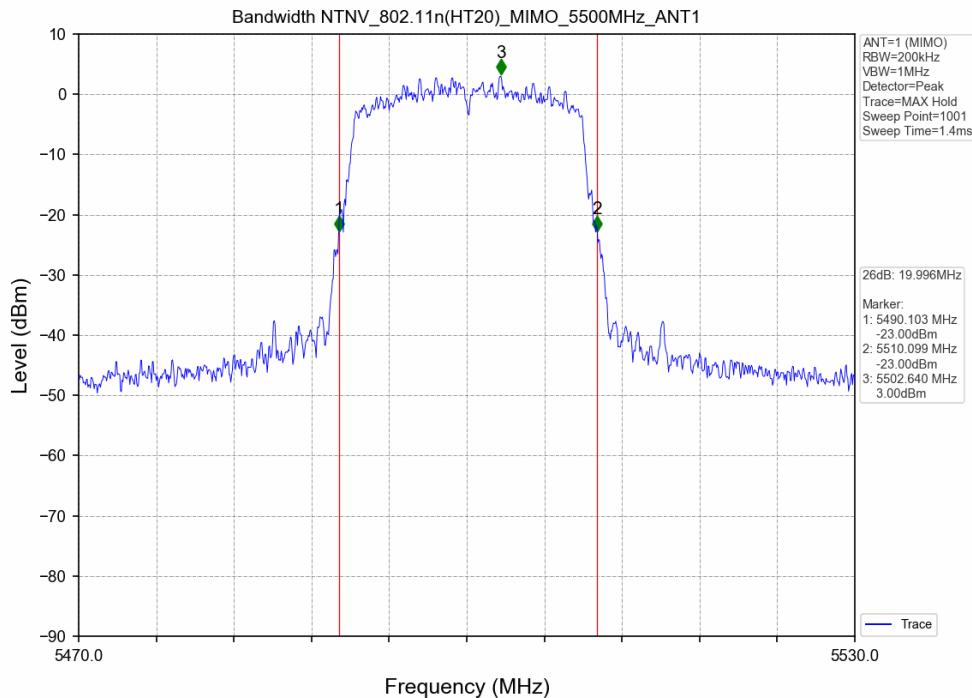
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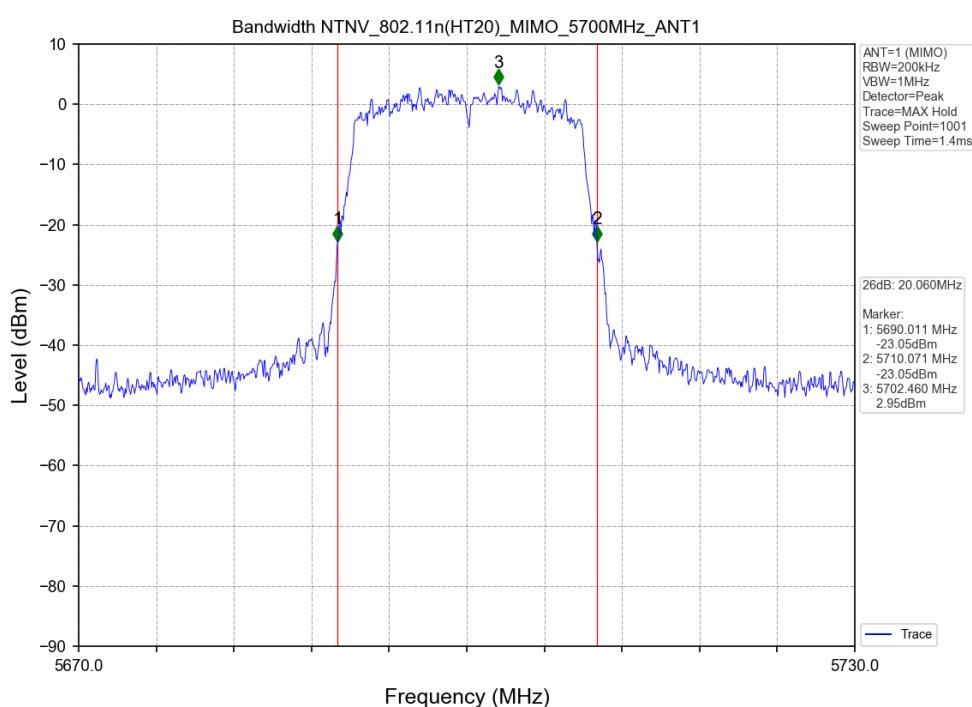
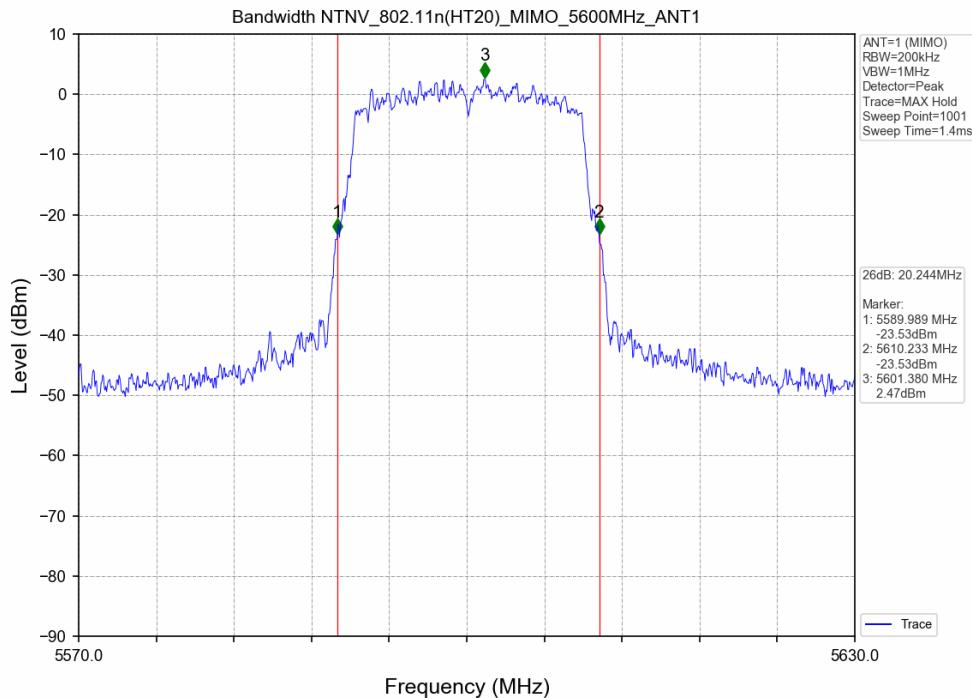
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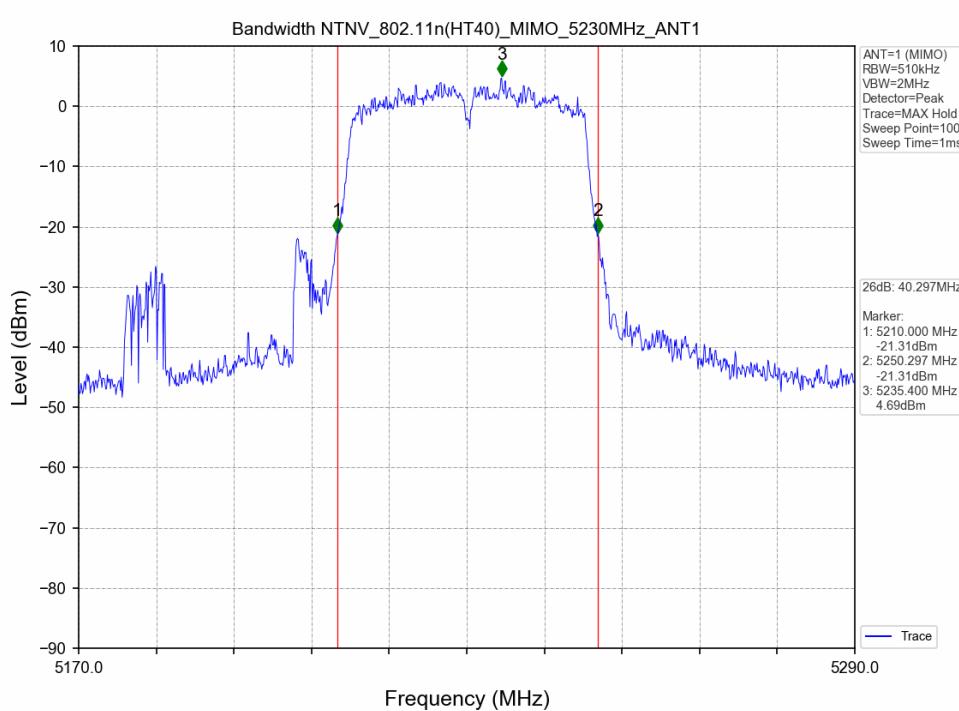
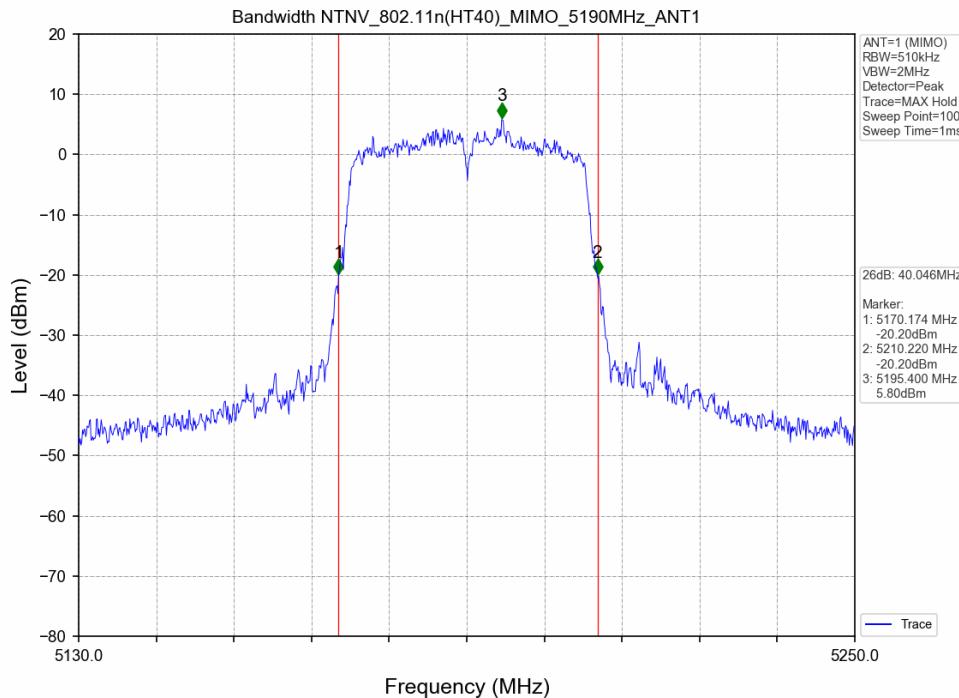
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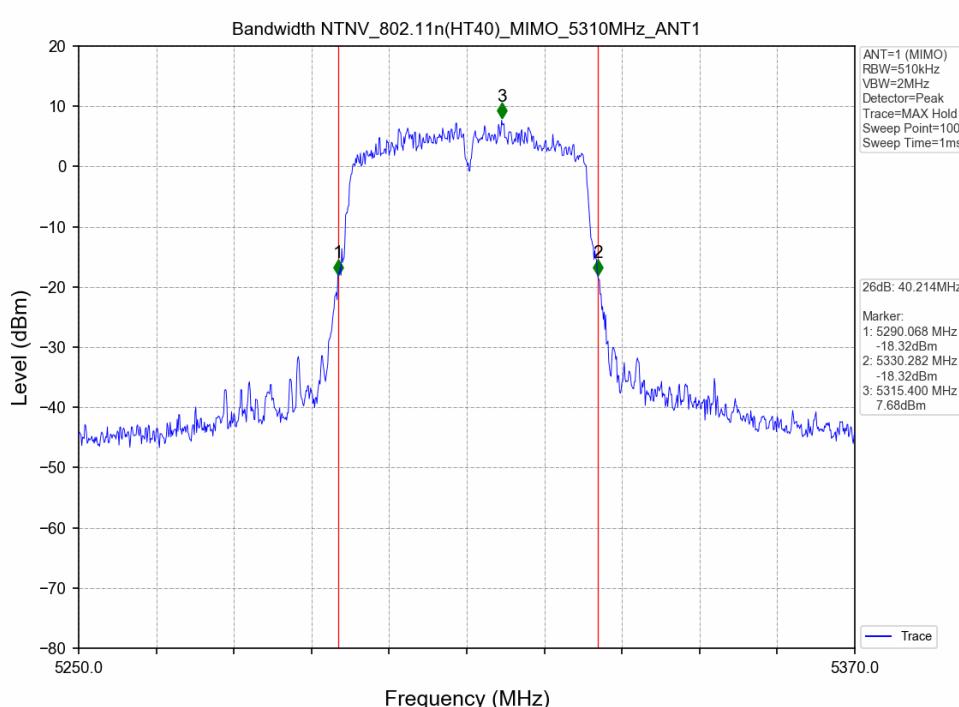
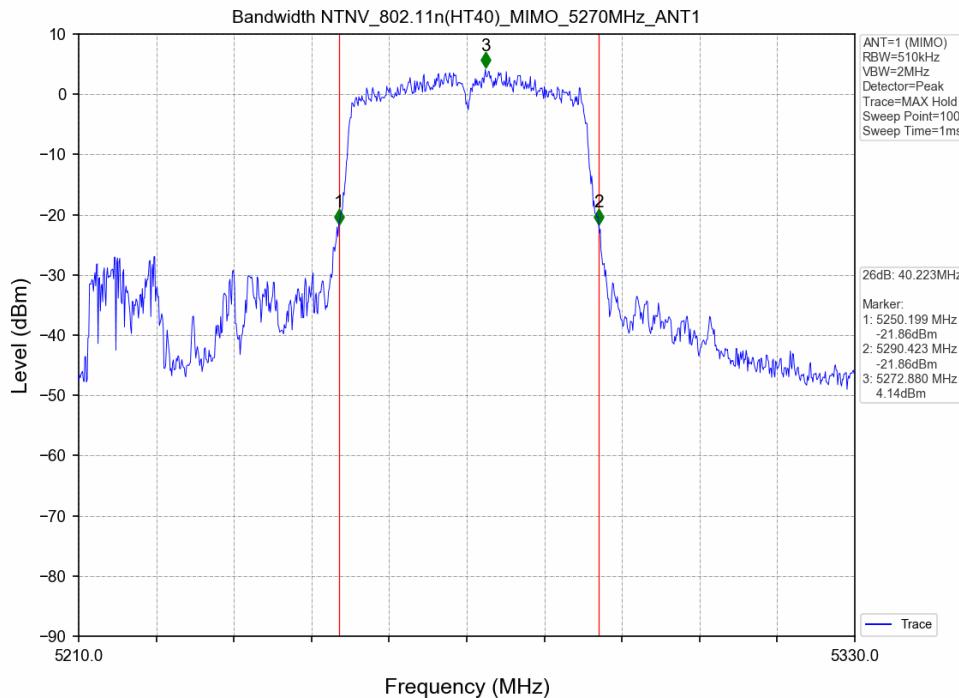
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