

Appendix for 15.407

1. Duty Cycle

1.1 Test Result

ANT 1:

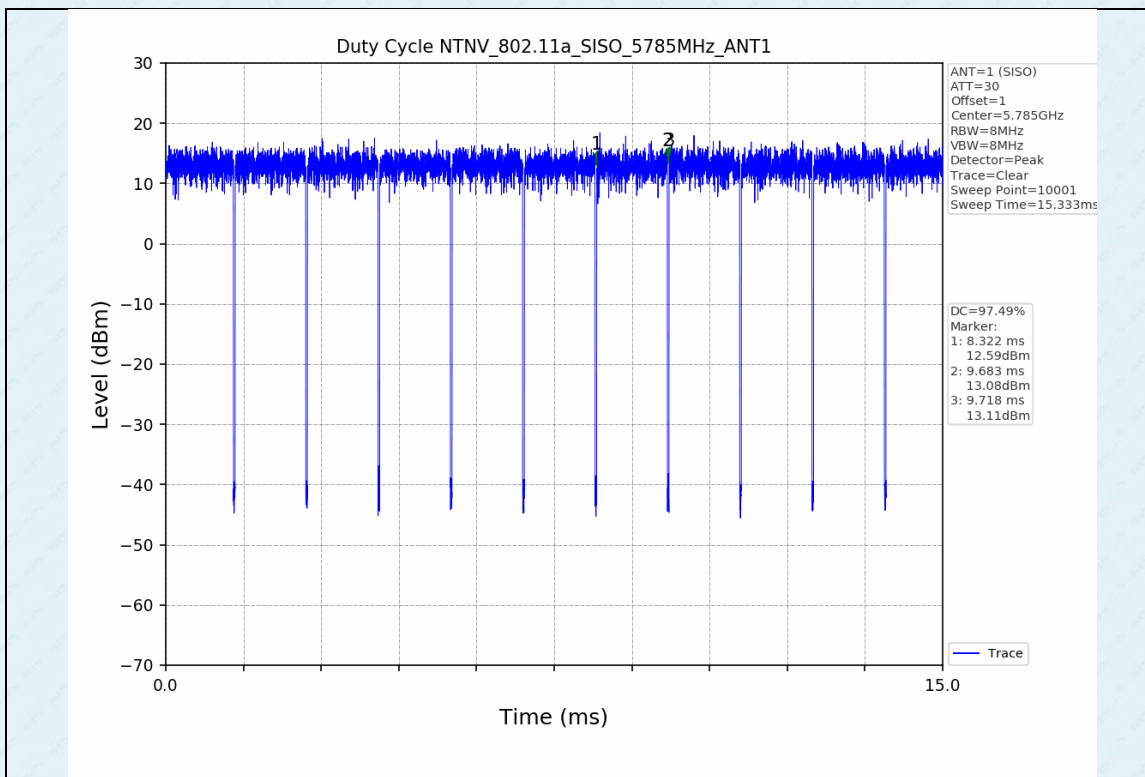
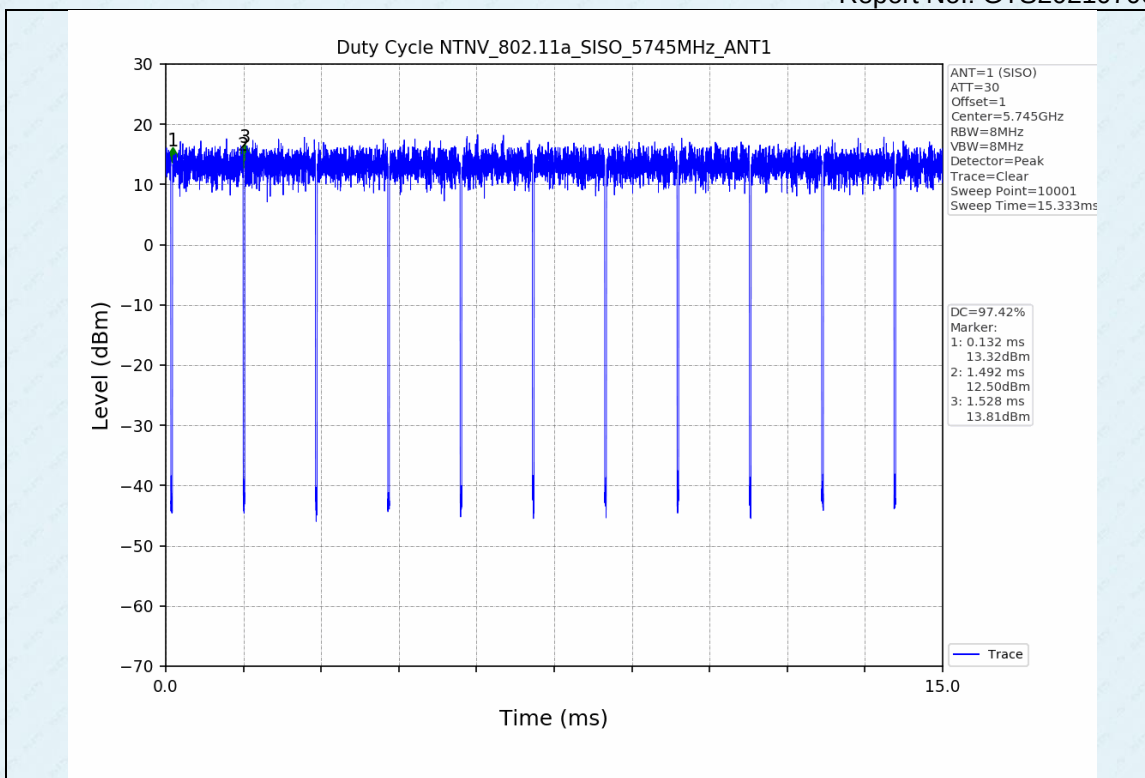
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.360	1.396	97.42	0.11
	5785	SISO	1	1.361	1.396	97.49	0.11
	5825	SISO	1	1.361	1.397	97.42	0.11
802.11n(HT20)	5745	SISO	1	1.299	1.336	97.23	0.12
	5785	SISO	1	1.299	1.335	97.30	0.12
	5825	SISO	1	1.299	1.336	97.23	0.12
802.11n(HT40)	5755	SISO	1	0.618	0.651	94.93	0.23
	5795	SISO	1	0.618	0.651	94.93	0.23
802.11ac(VHT20)	5745	SISO	1	0.649	0.683	95.02	0.22
	5785	SISO	1	0.649	0.683	95.02	0.22
	5825	SISO	1	0.649	0.684	94.88	0.23
802.11ac(VHT40)	5755	SISO	1	0.352	0.405	86.91	0.61
	5795	SISO	1	0.352	0.423	83.22	0.80
802.11ac(VHT80)	5775	SISO	1	0.188	0.664	28.31	5.48

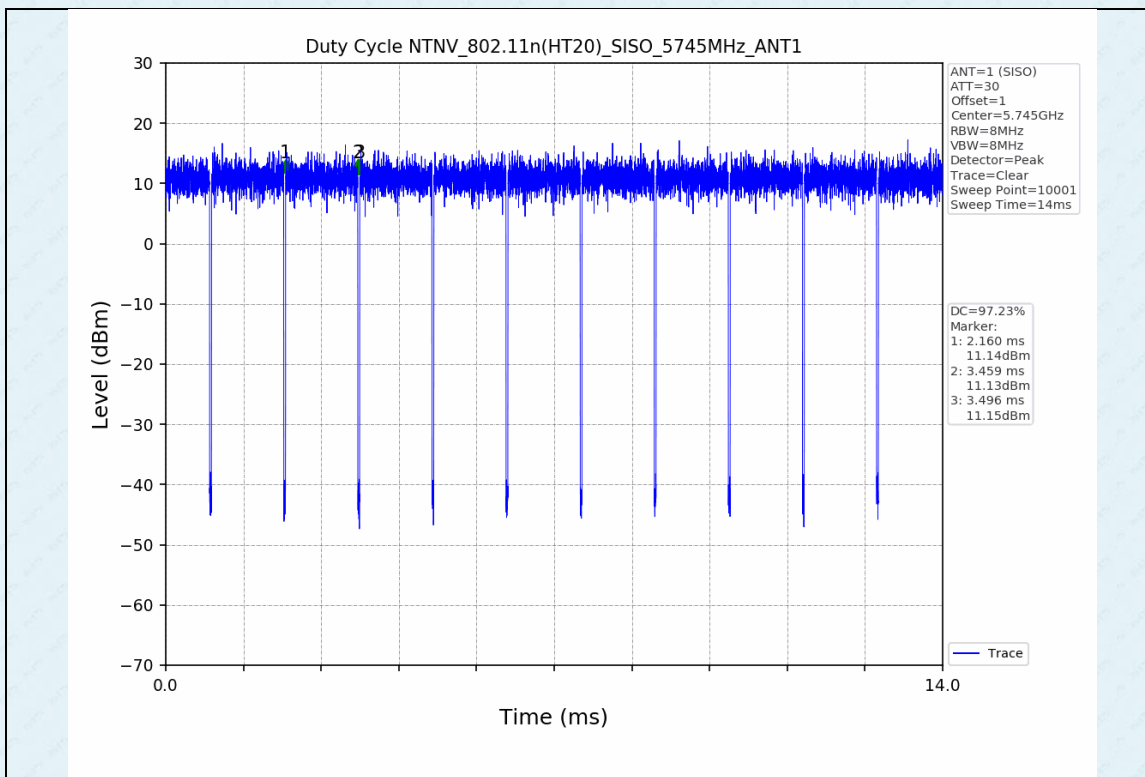
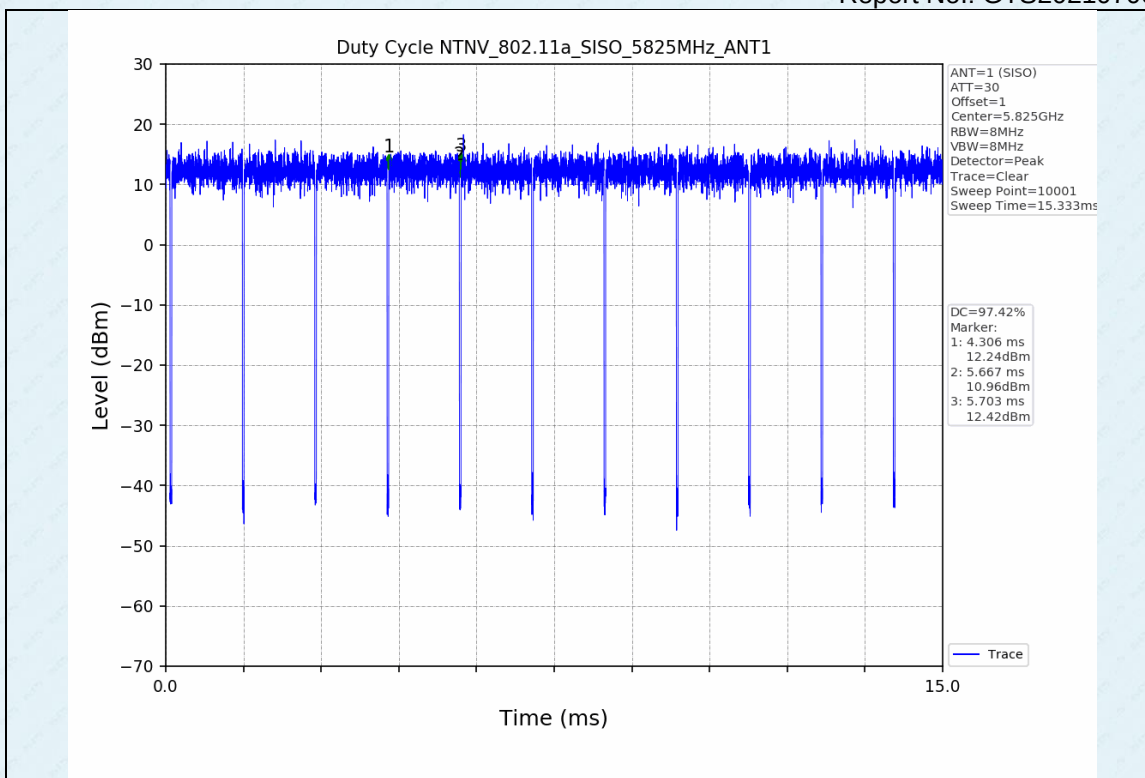
ANT 2:

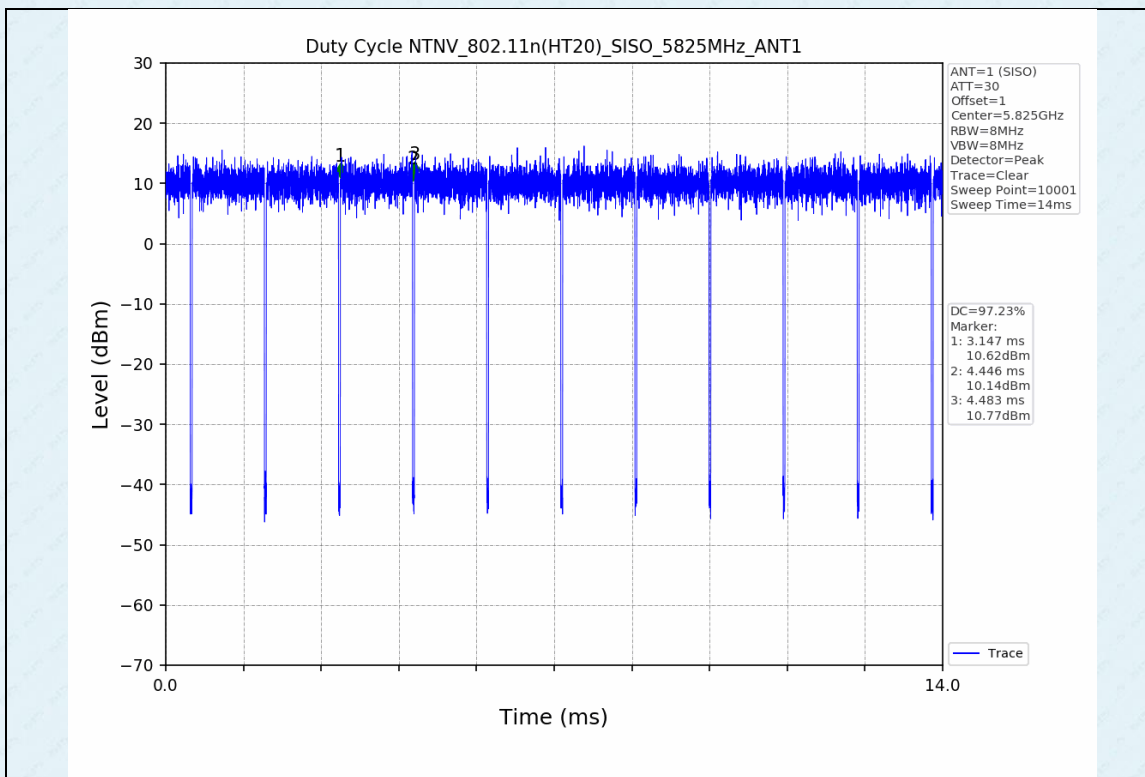
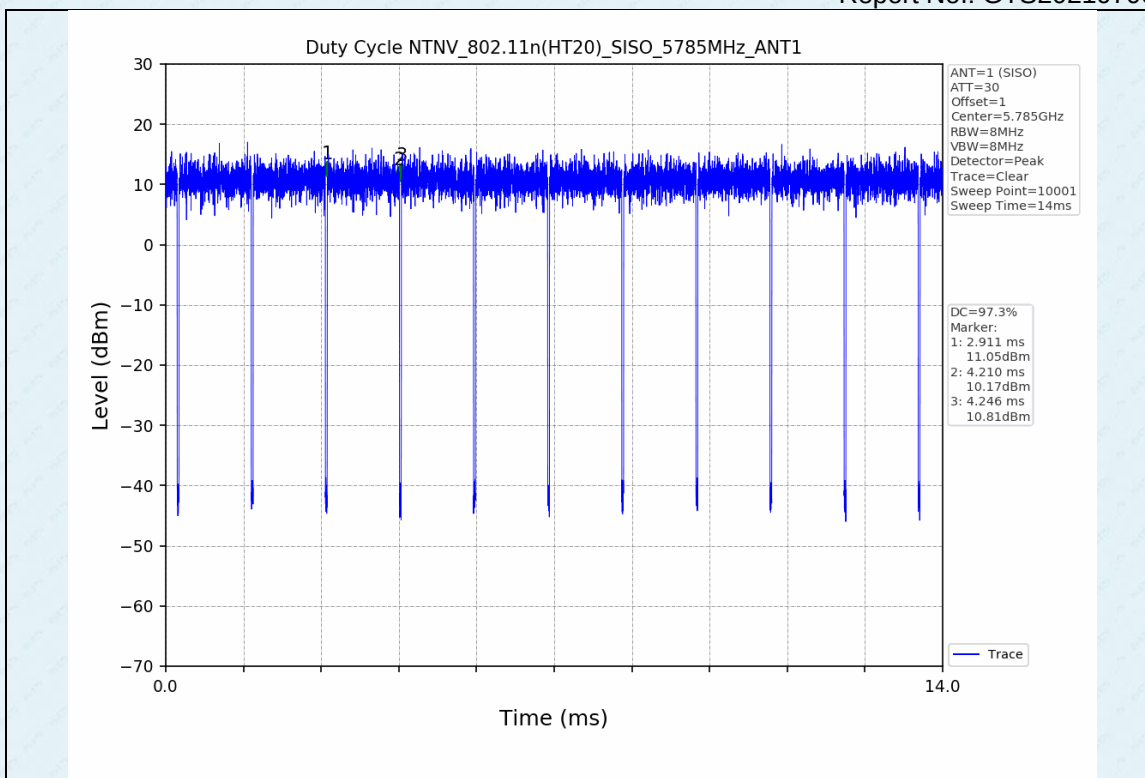
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.360	1.396	97.42	0.11
	5785	SISO	1	1.360	1.396	97.42	0.11
	5825	SISO	1	1.360	1.396	97.42	0.11
802.11n(HT20)	5745	SISO	1	1.299	1.336	97.23	0.12
	5785	SISO	1	1.300	1.336	97.31	0.12
	5825	SISO	1	1.299	1.336	97.23	0.12
802.11n(HT40)	5755	SISO	1	0.618	0.652	94.79	0.23
	5795	SISO	1	0.618	0.652	94.79	0.23
802.11ac(VHT20)	5745	SISO	1	0.649	0.682	95.16	0.22
	5785	SISO	1	0.649	0.683	95.02	0.22
	5825	SISO	1	0.649	0.683	95.02	0.22
802.11ac(VHT40)	5755	SISO	1	0.352	0.387	90.96	0.41
	5795	SISO	1	0.352	0.387	90.96	0.41
802.11ac(VHT80)	5775	SISO	1	0.188	0.655	28.70	5.42

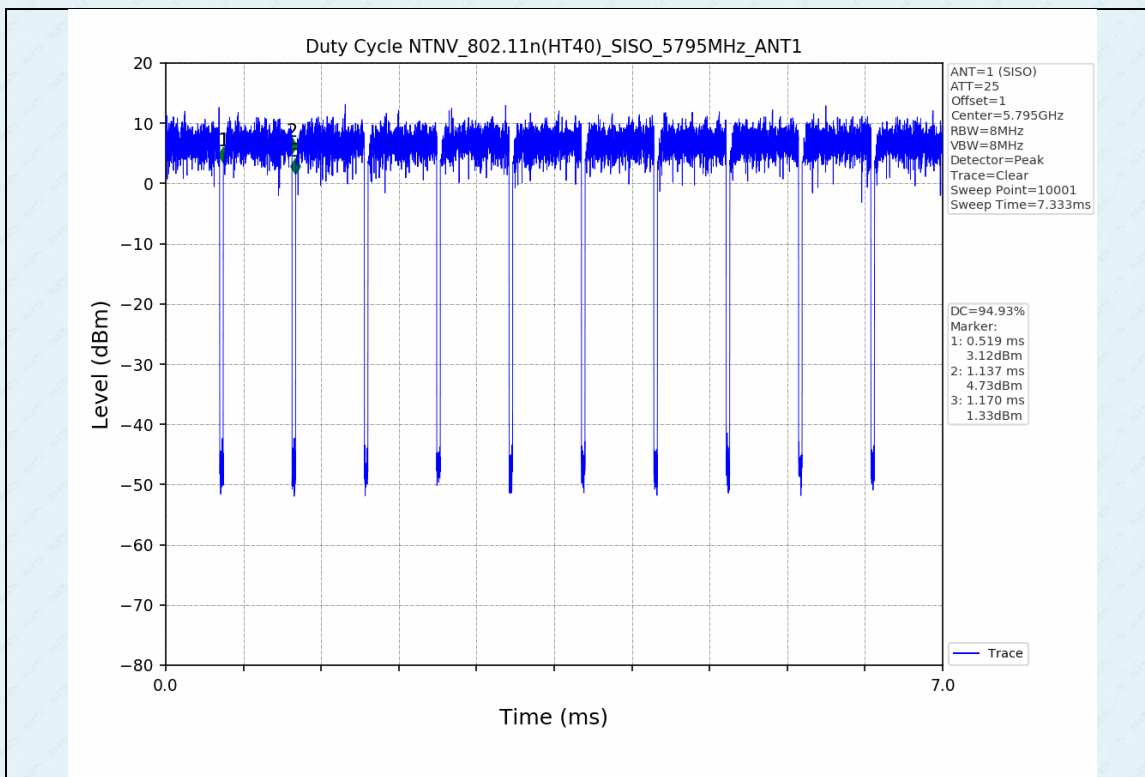
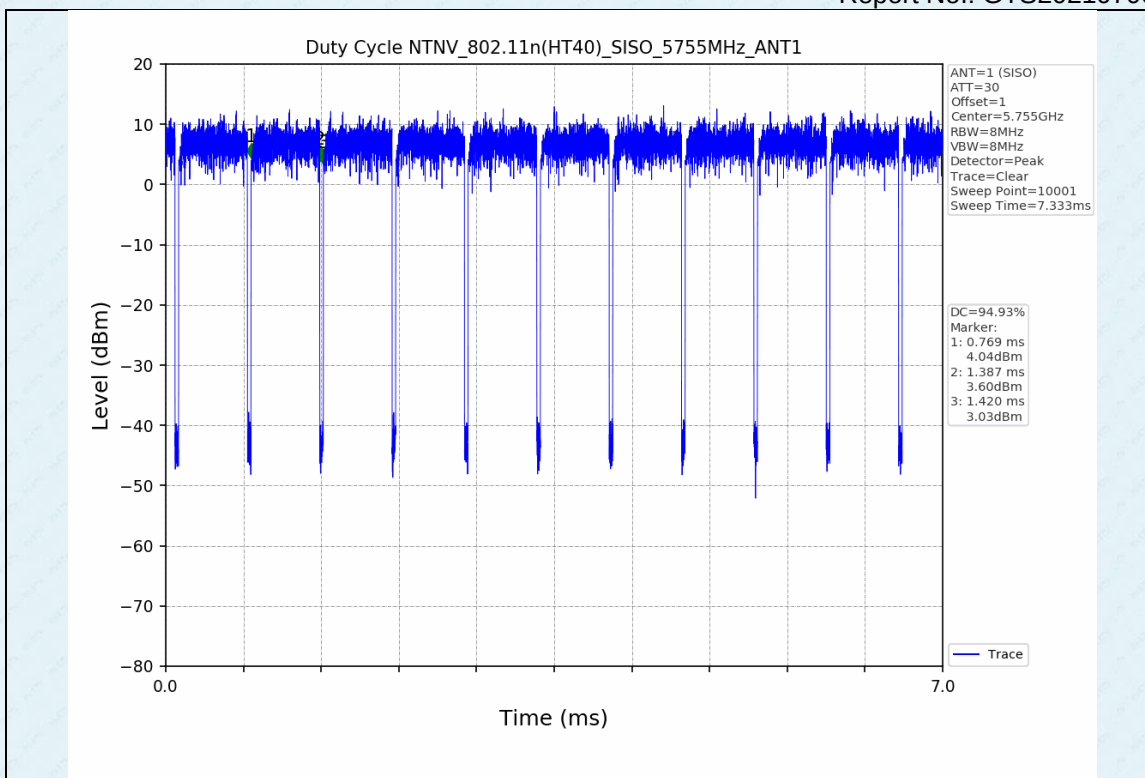
1.2 Test Graph

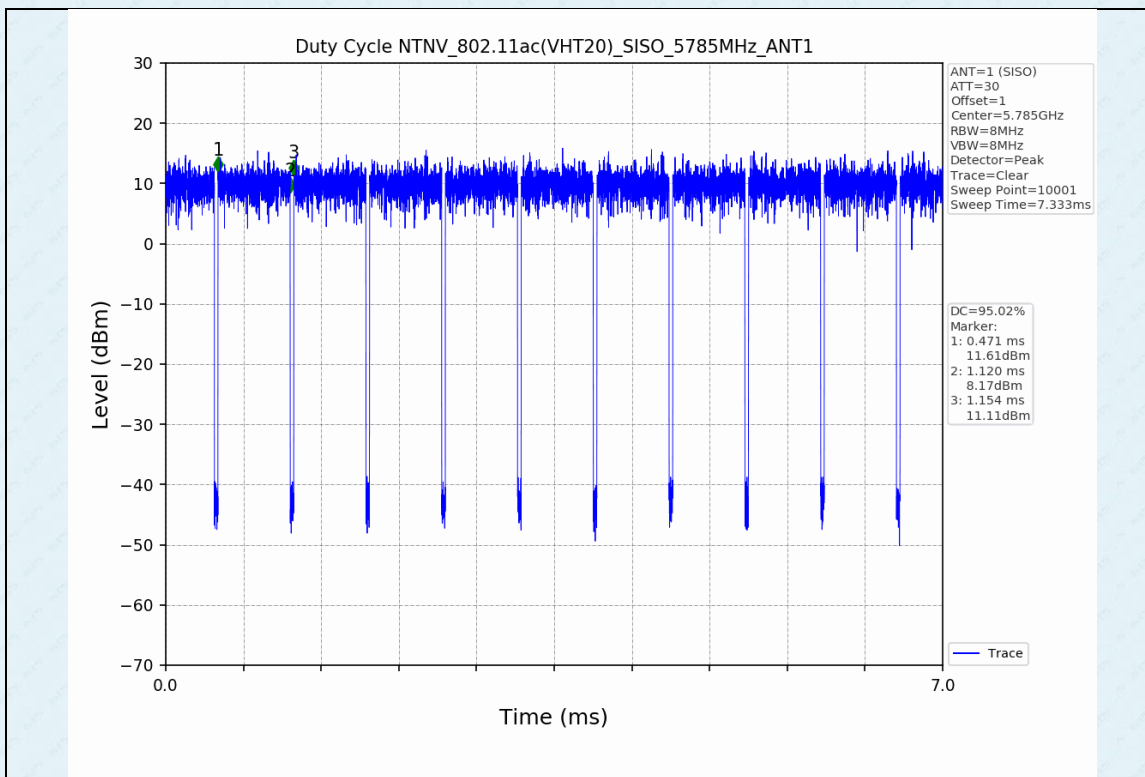
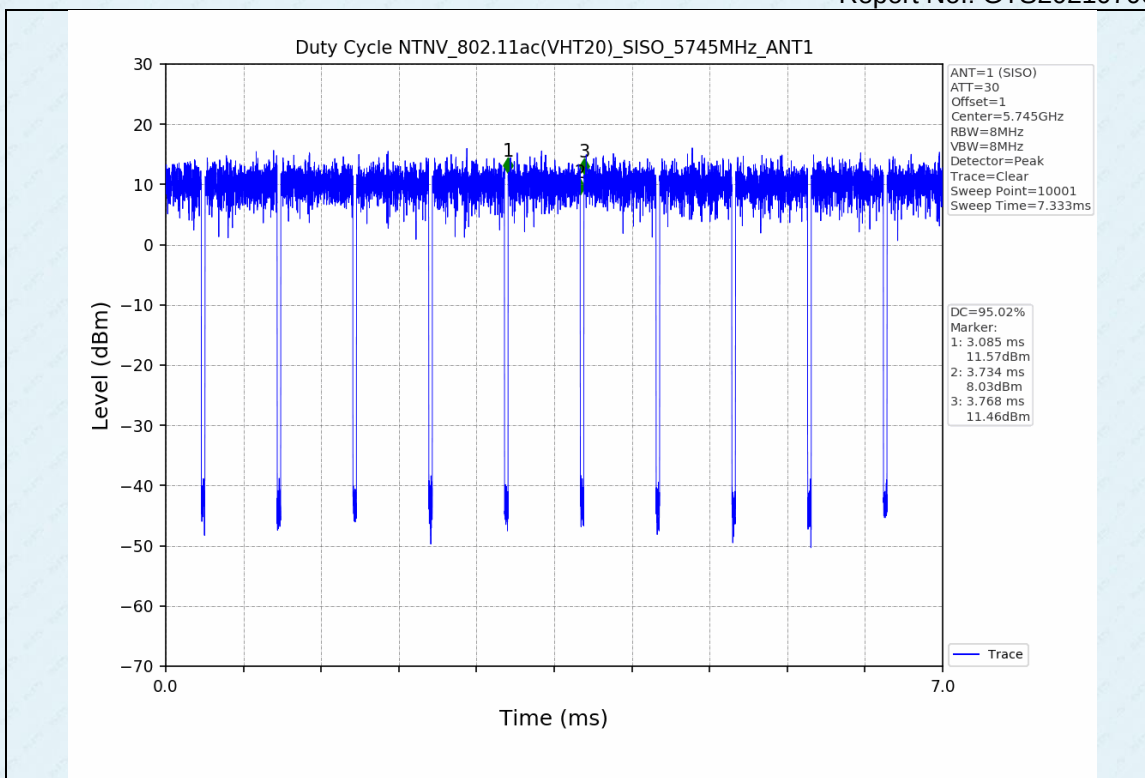
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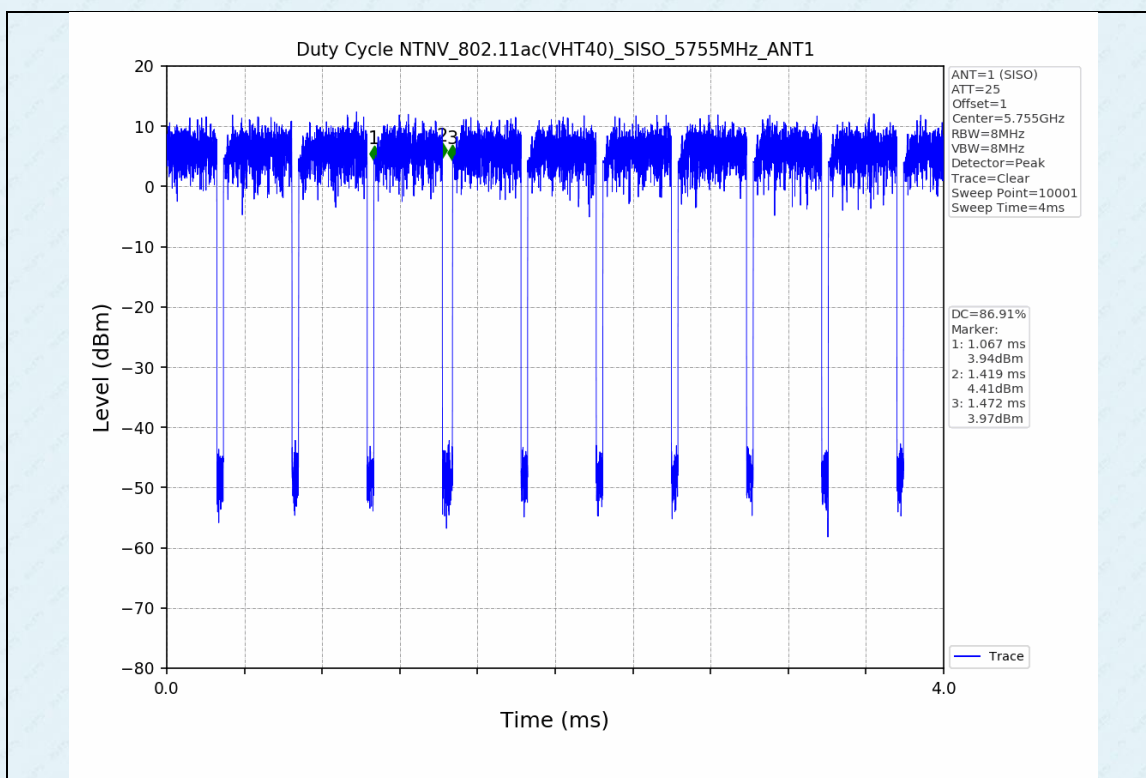
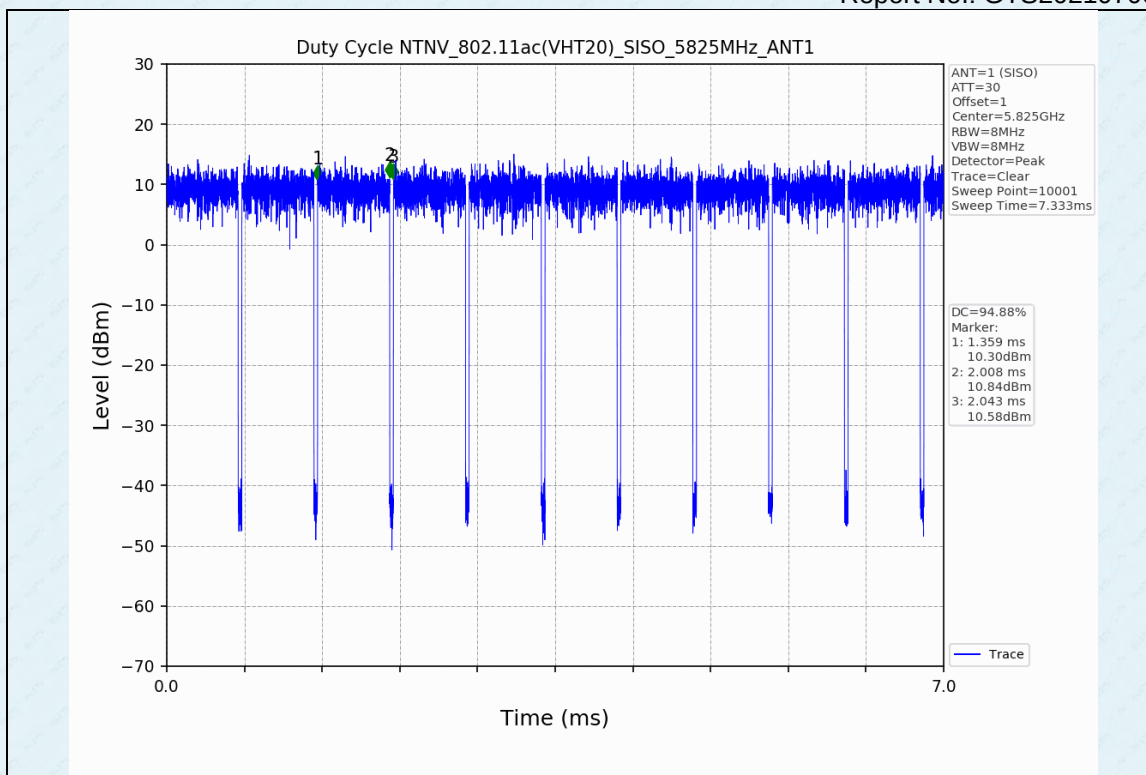


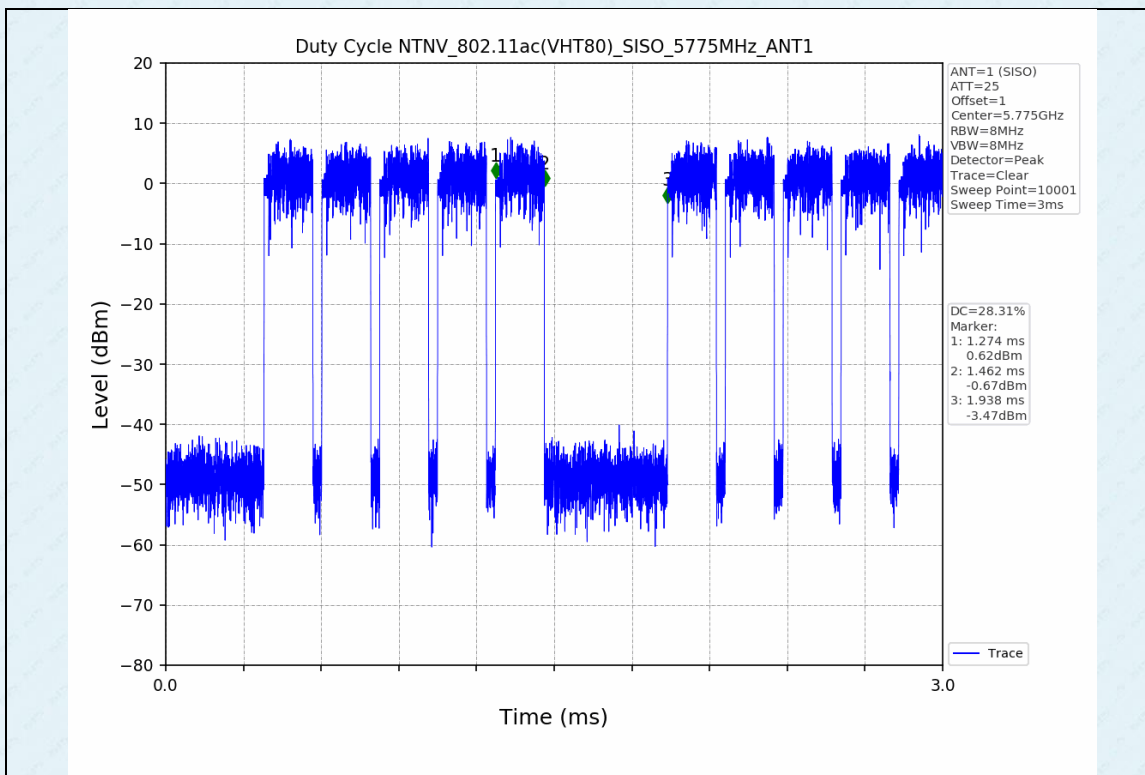
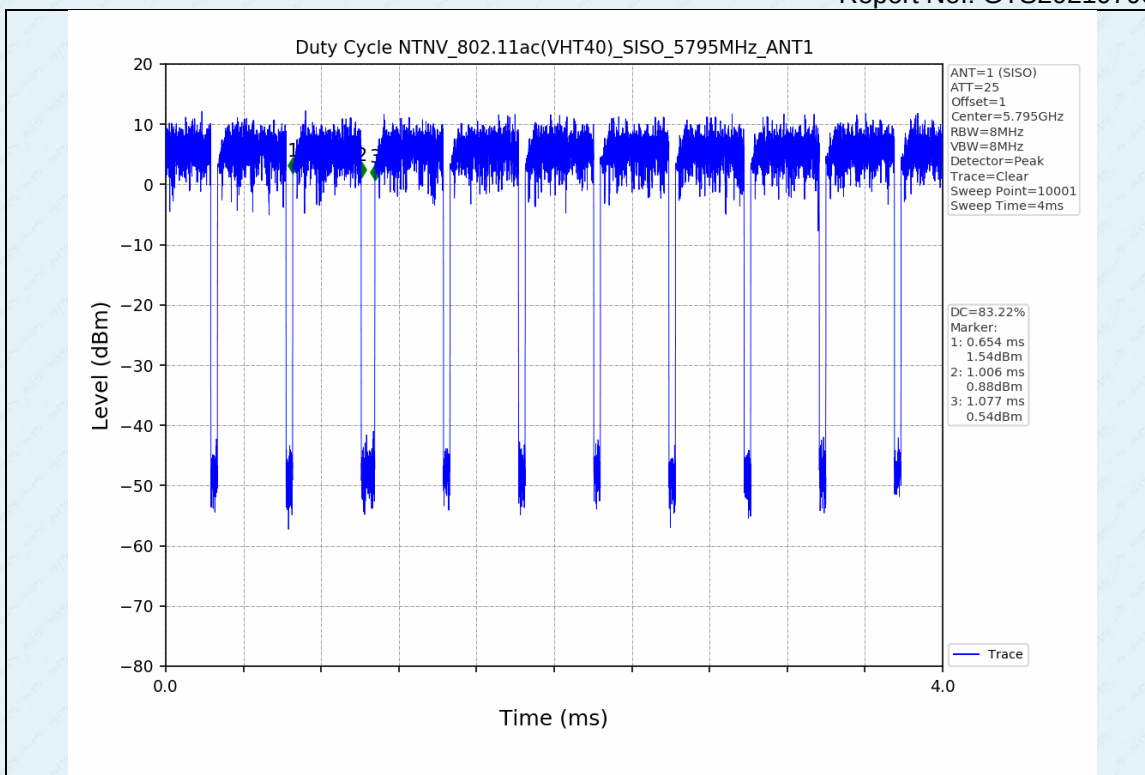




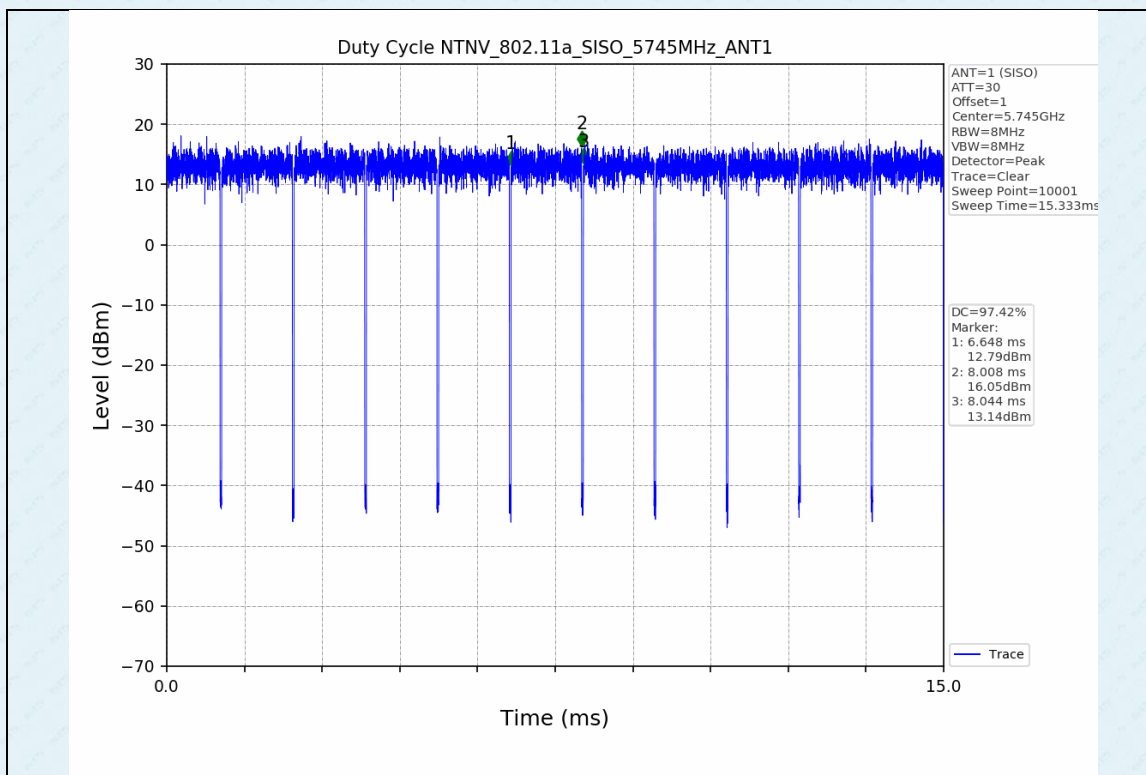


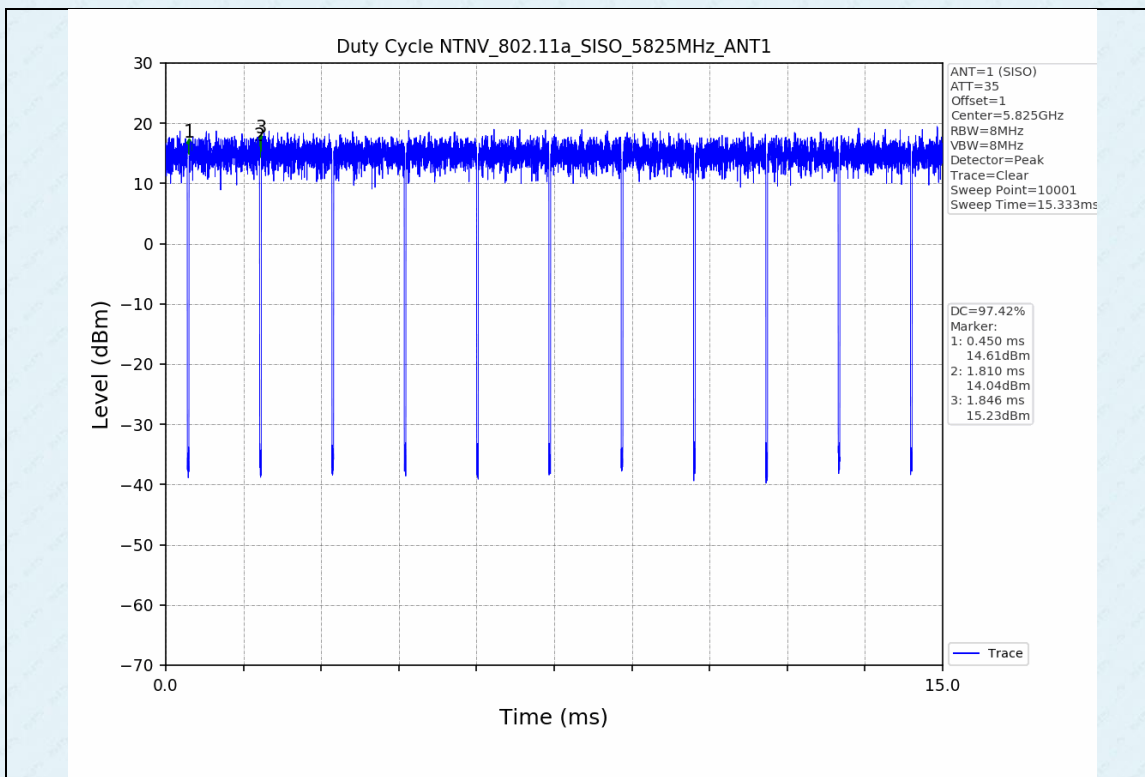
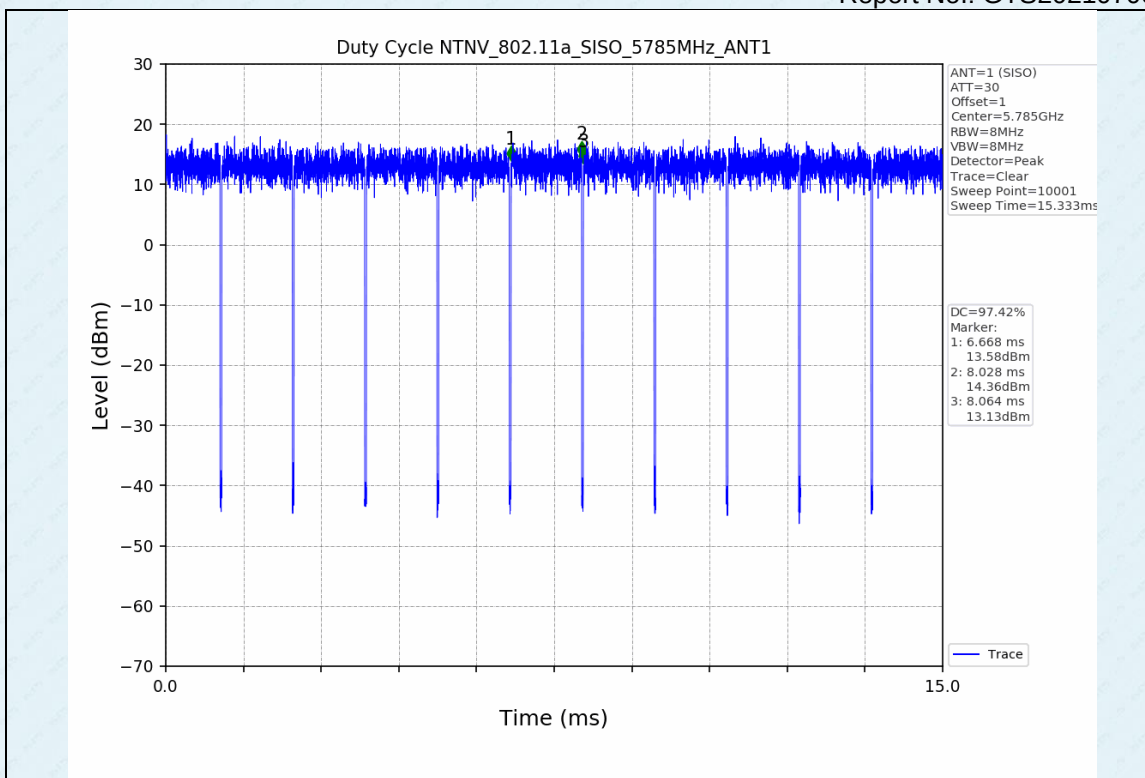


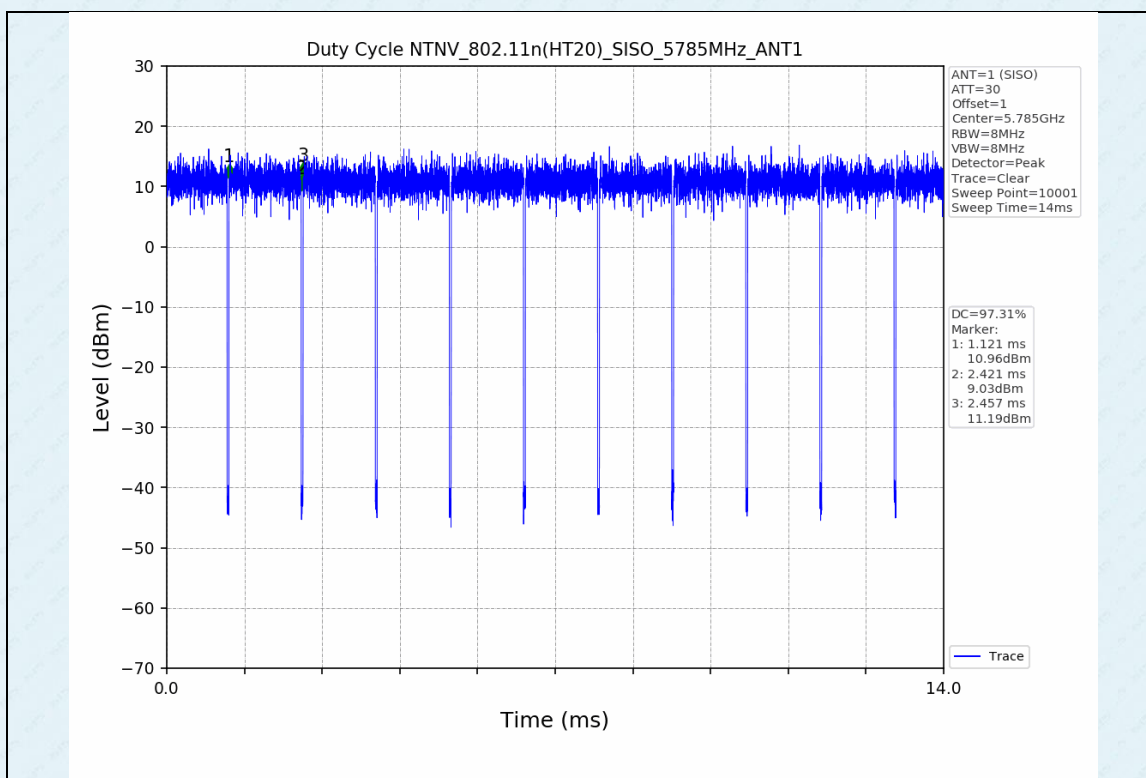
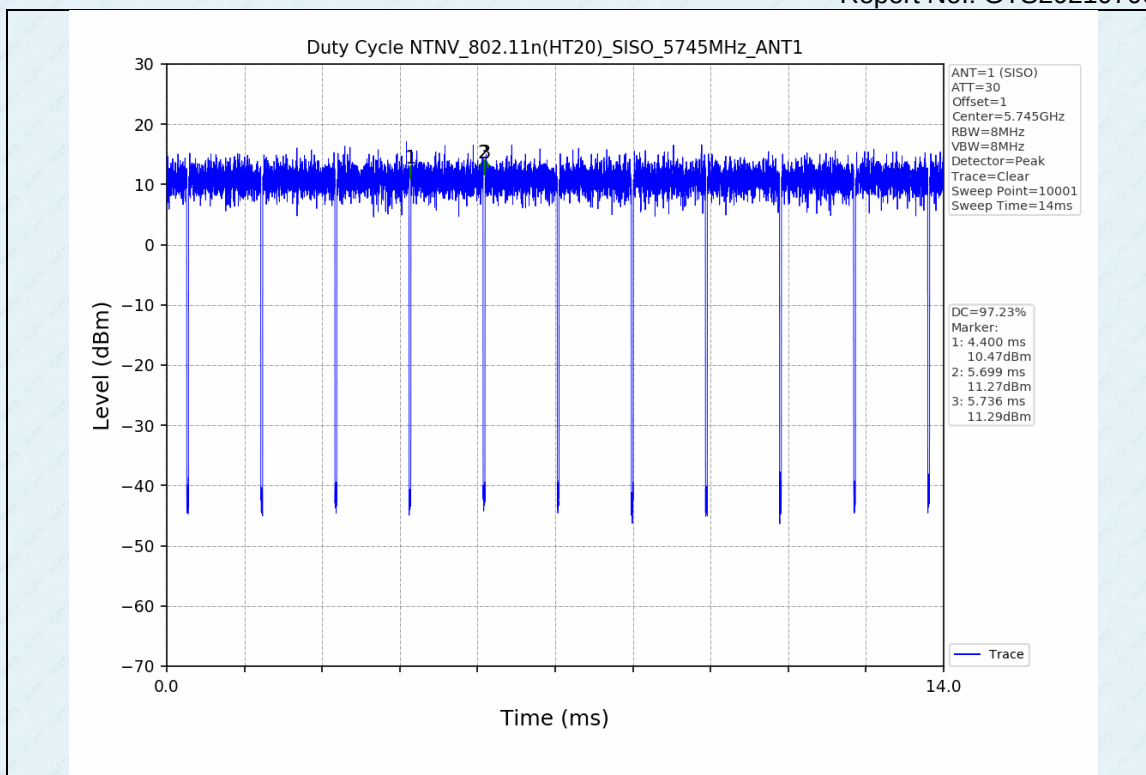


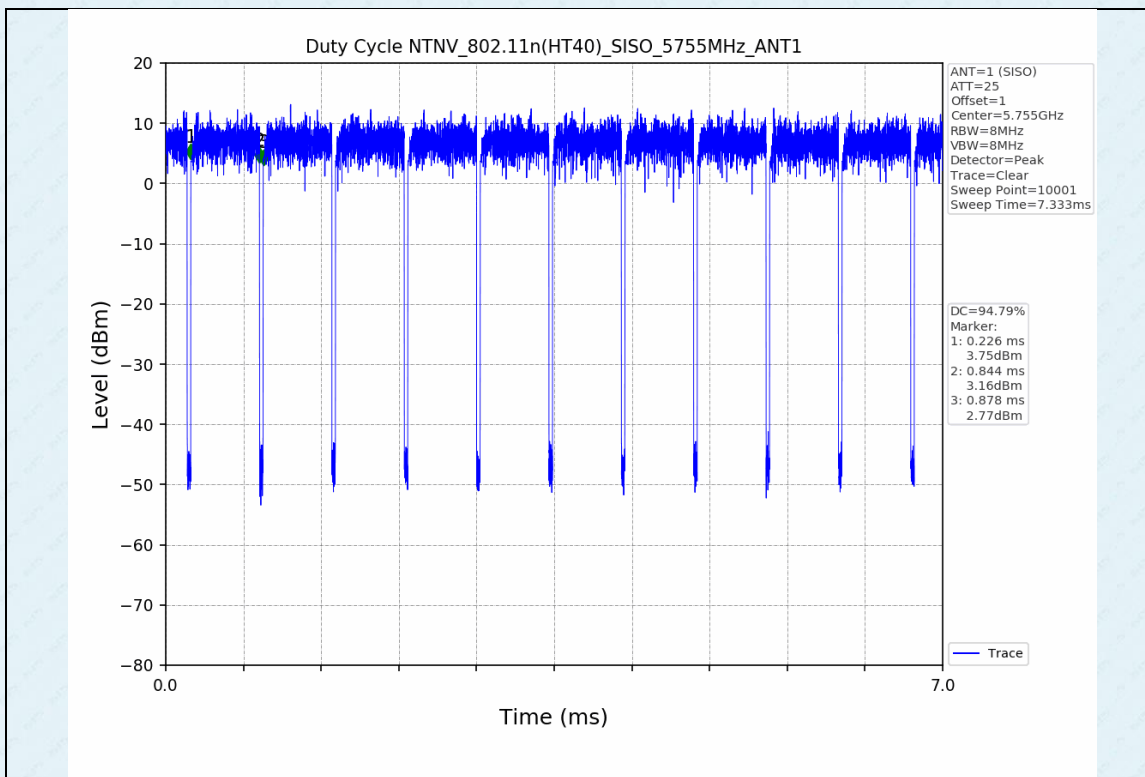
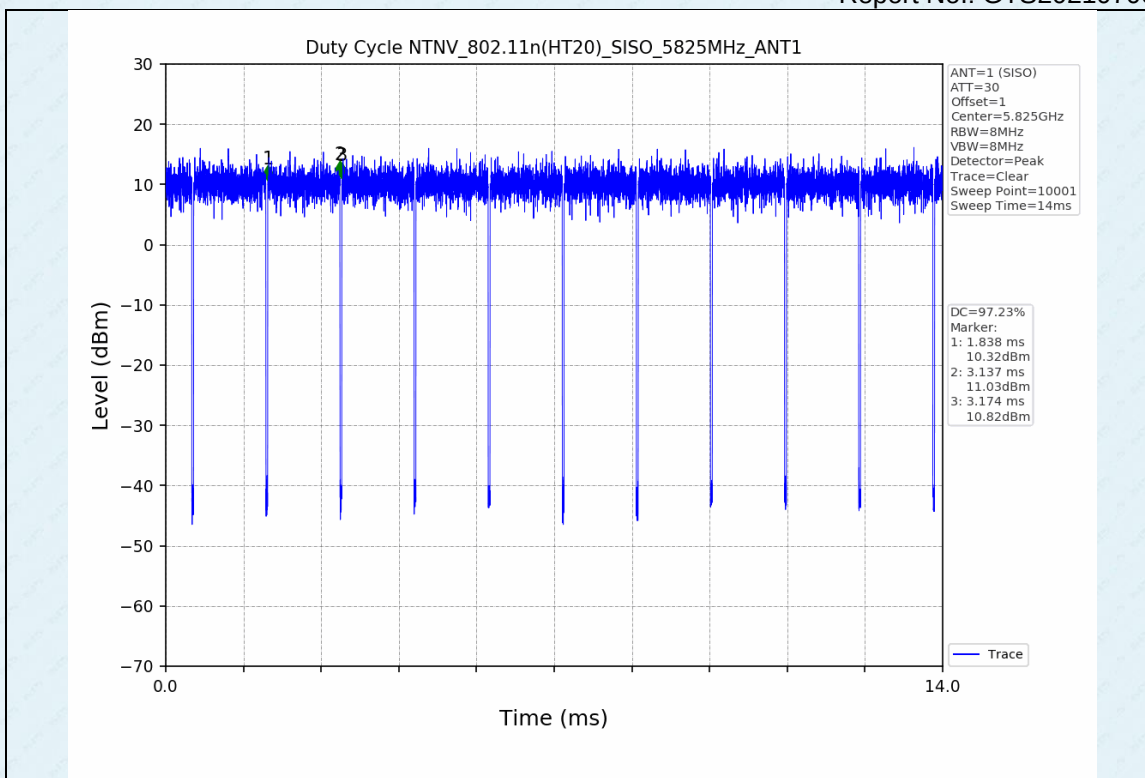


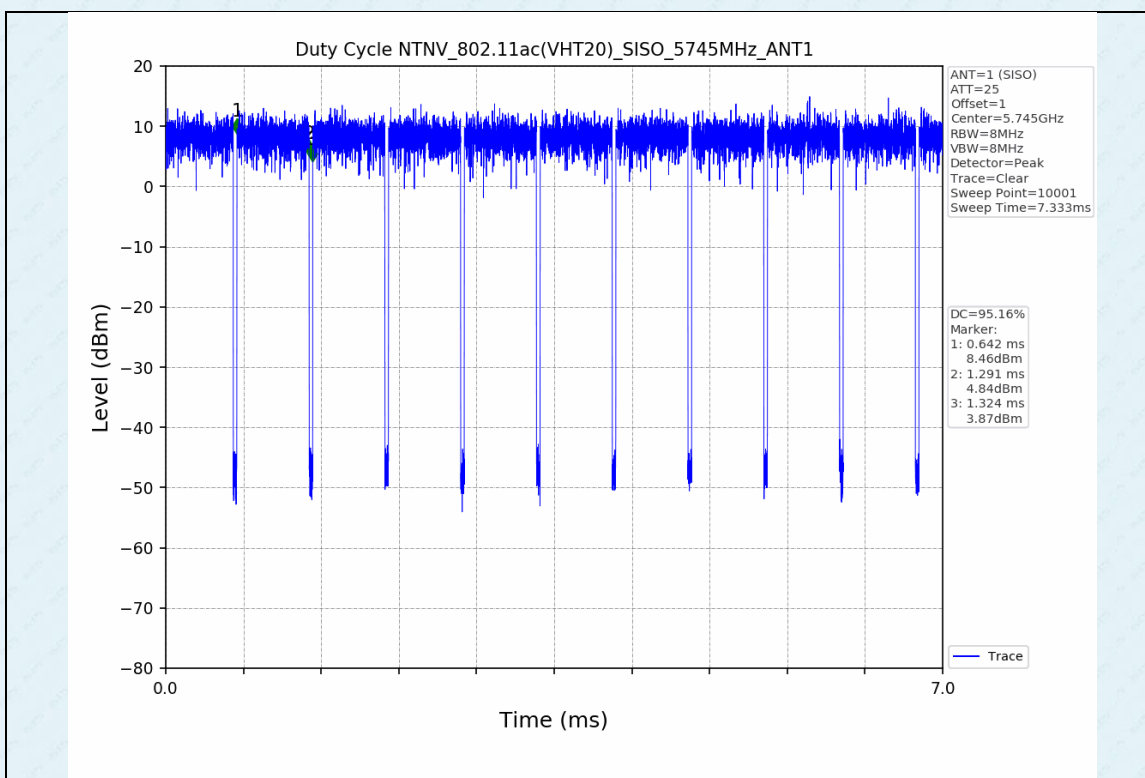
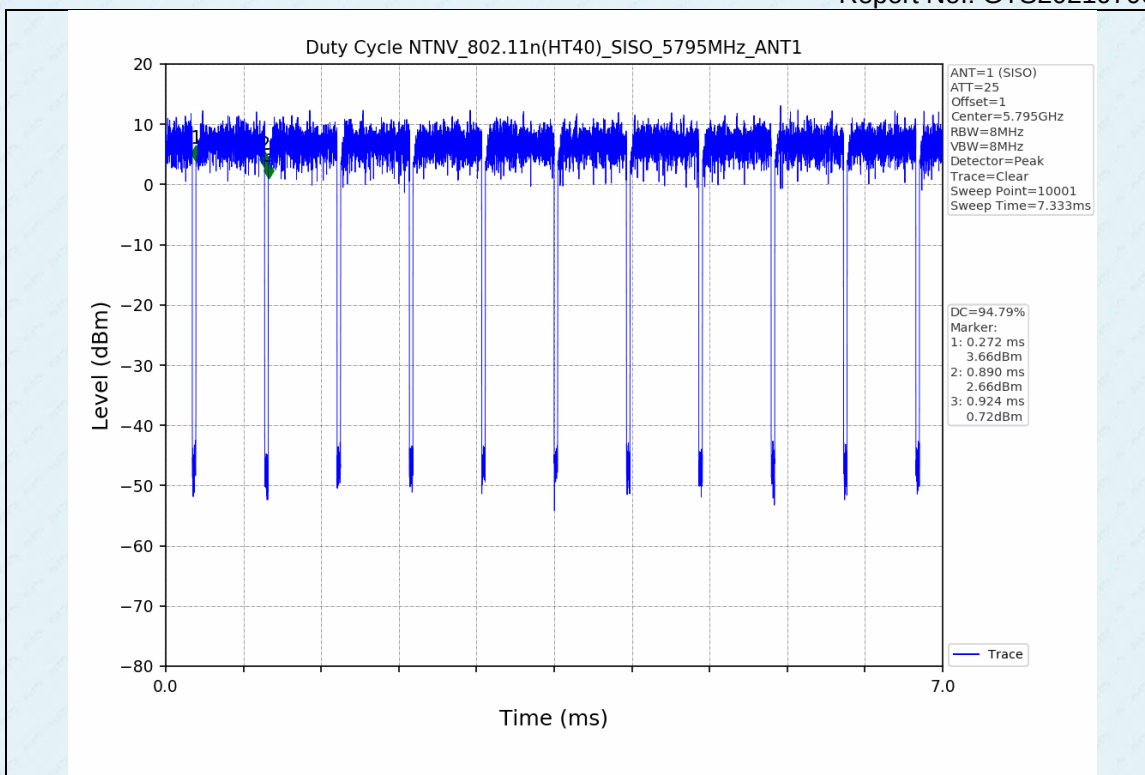
ANT 2:

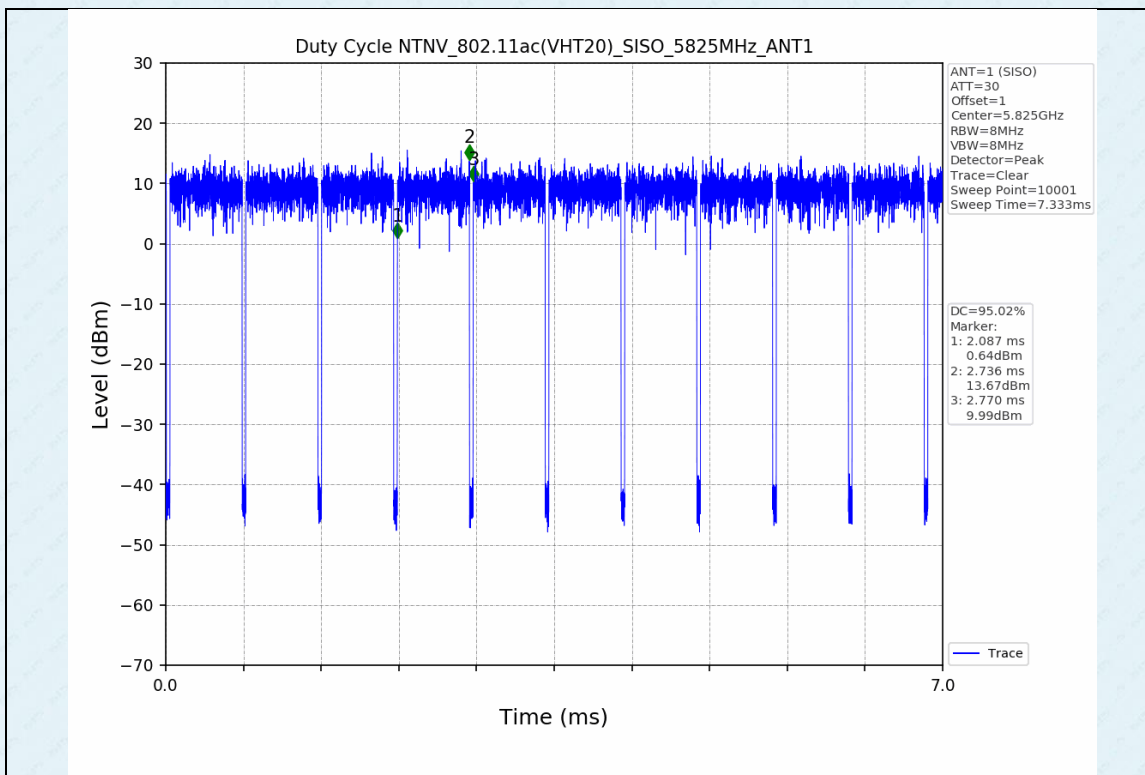
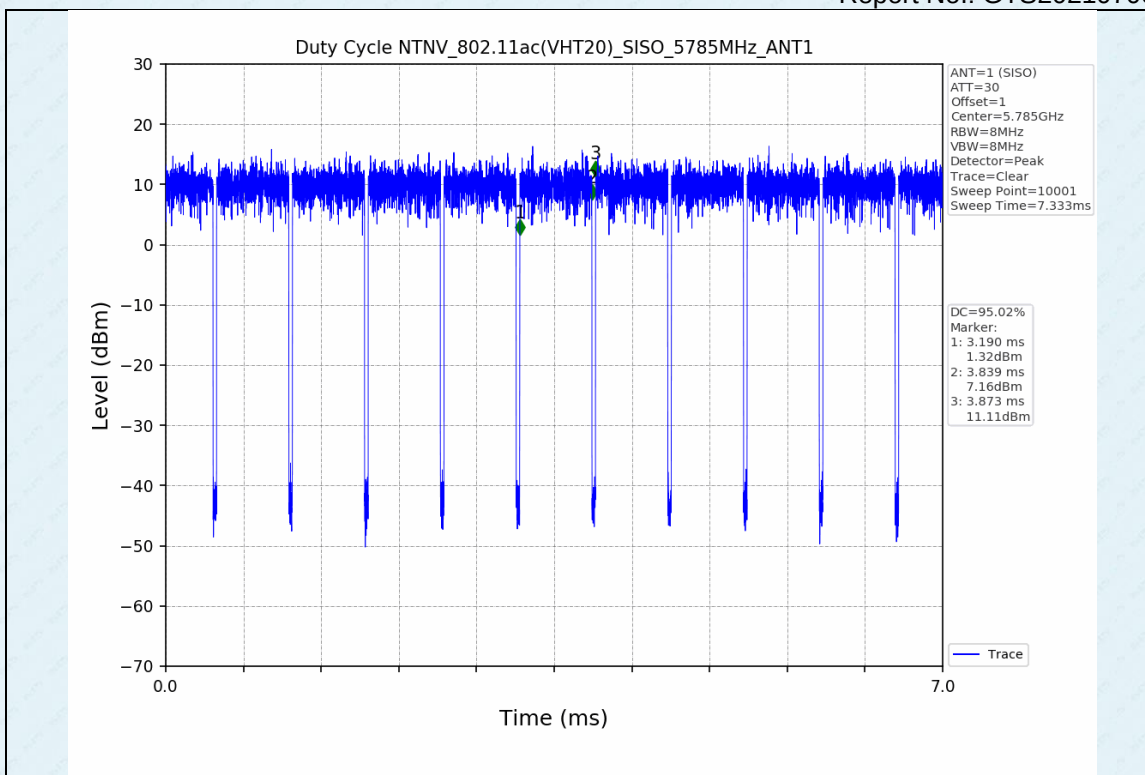


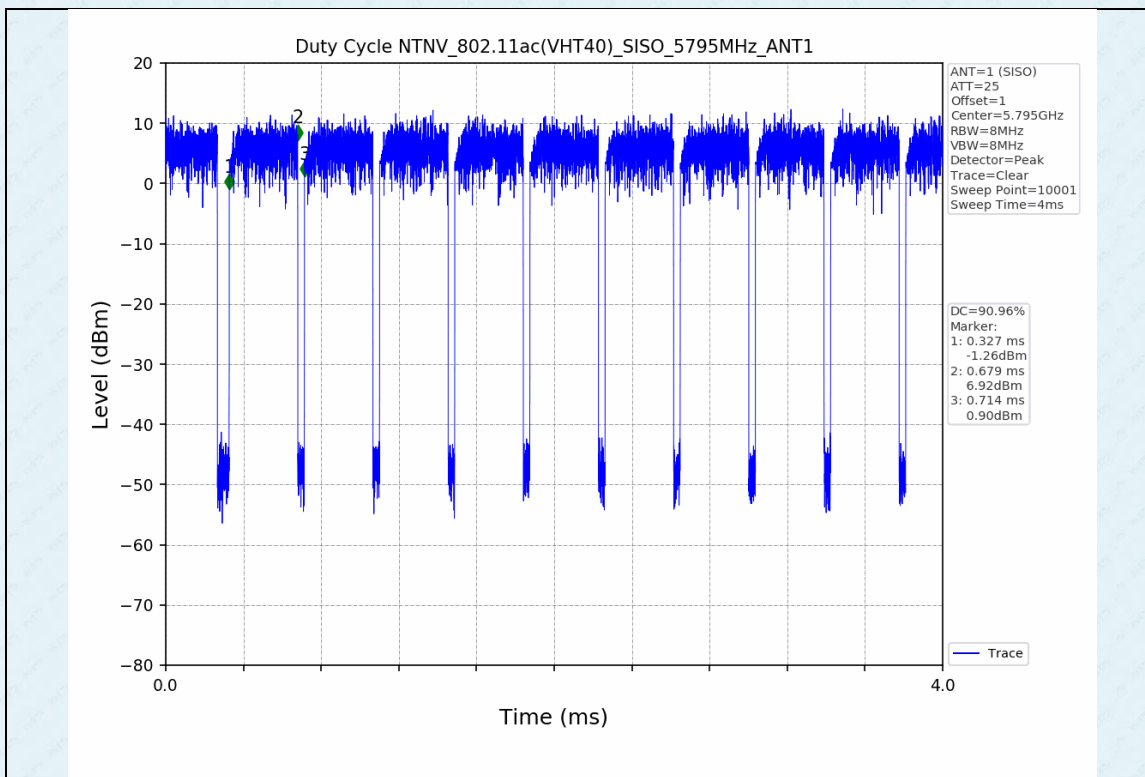
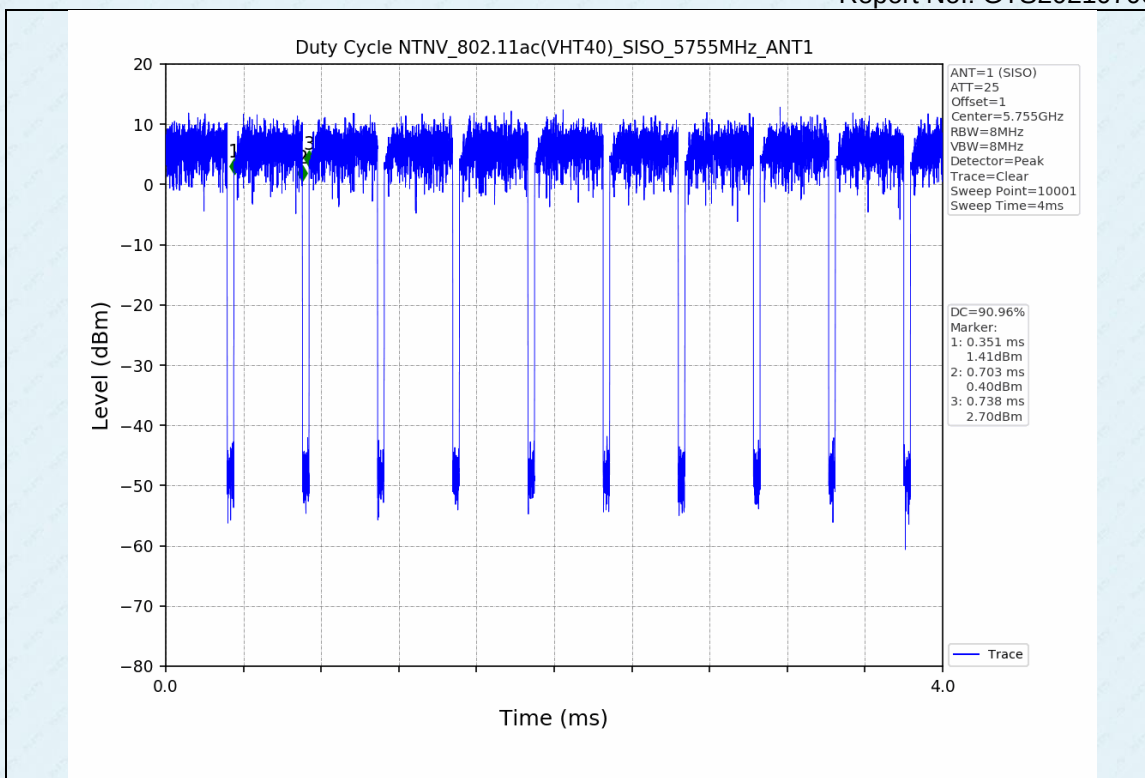


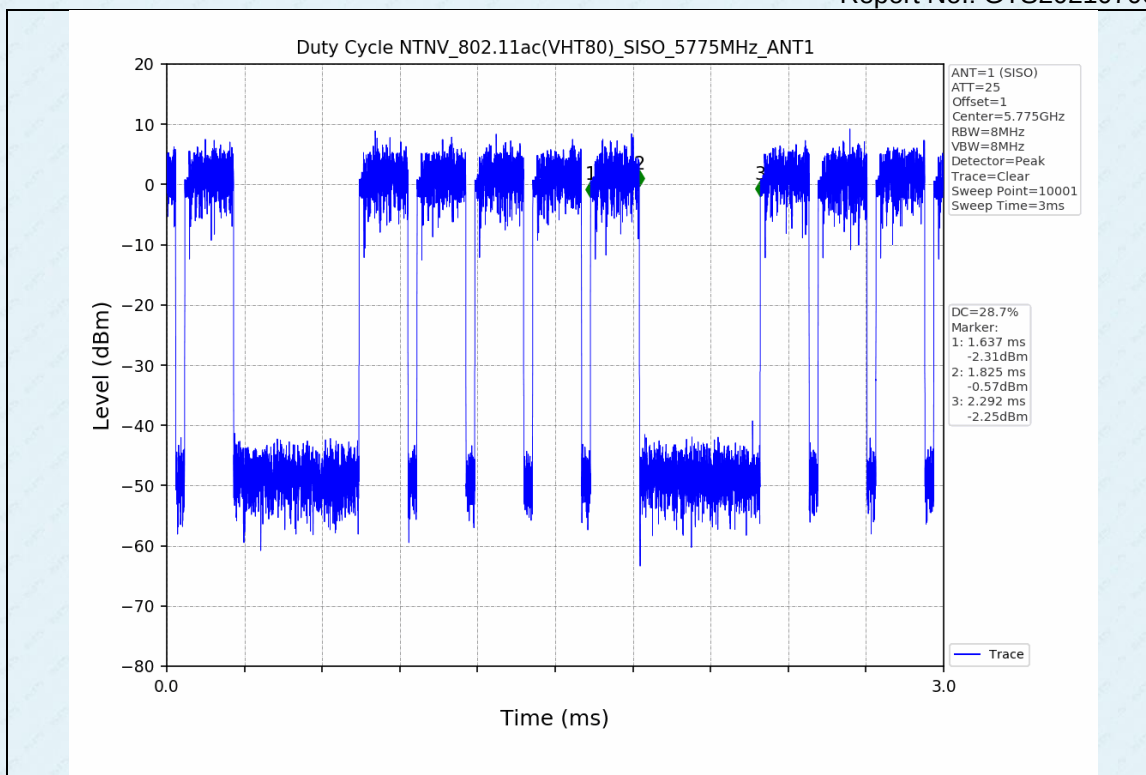












2. Bandwidth

2.1 Test Result

ANT 1:

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.060	≥0.5	PASS
	5785	SISO	1	15.205	≥0.5	PASS
	5825	SISO	1	14.226	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	14.807	≥0.5	PASS
	5785	SISO	1	15.119	≥0.5	PASS
	5825	SISO	1	15.217	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.405	≥0.5	PASS
	5795	SISO	1	35.099	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	15.193	≥0.5	PASS
	5785	SISO	1	15.097	≥0.5	PASS
	5825	SISO	1	15.152	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.211	≥0.5	PASS
	5795	SISO	1	35.293	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.903	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.635	Only for Report Use
	5785	SISO	1	16.702	Only for Report Use
	5825	SISO	1	16.656	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.694	Only for Report Use
	5785	SISO	1	17.671	Only for Report Use
	5825	SISO	1	17.639	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.347	Only for Report Use
	5795	SISO	1	36.345	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.647	Only for Report Use
	5785	SISO	1	17.654	Only for Report Use
	5825	SISO	1	17.634	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.423	Only for Report Use
	5795	SISO	1	36.357	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.920	Only for Report Use

ANT 2:

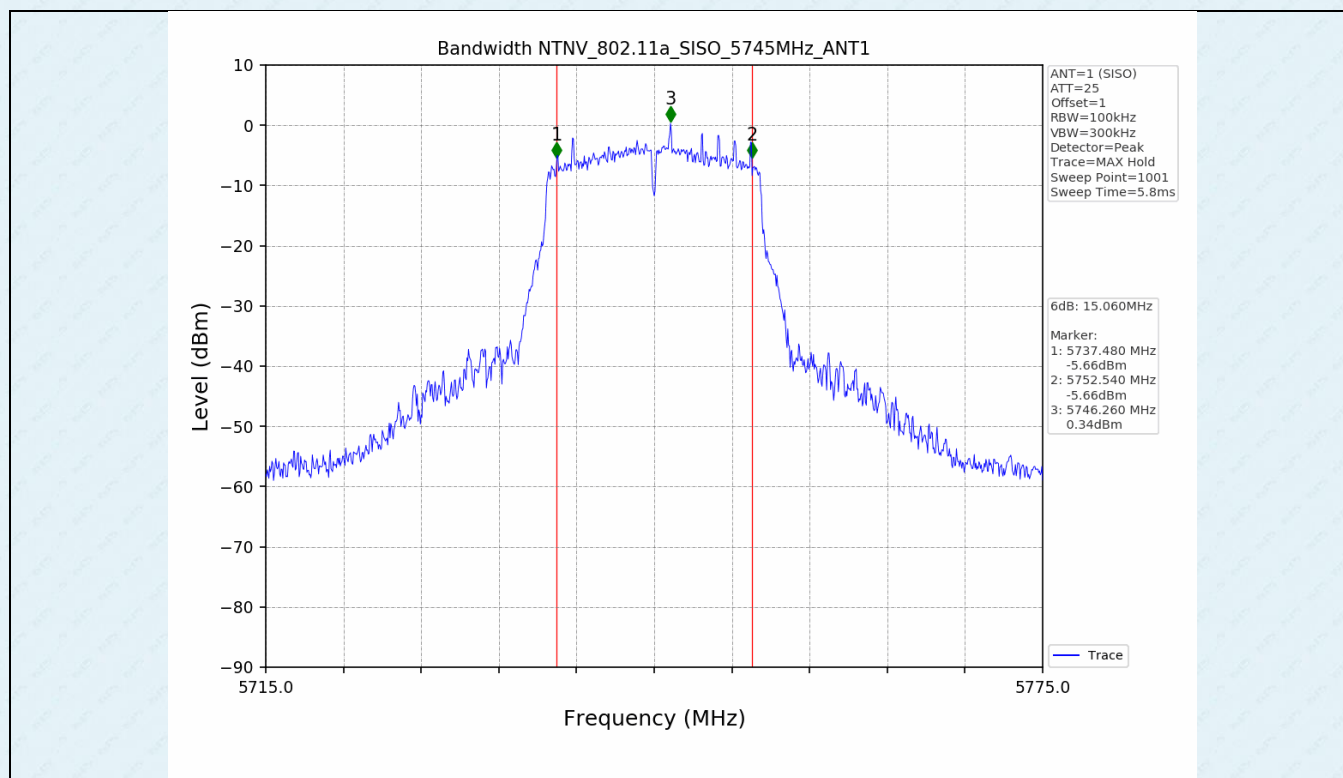
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.146	≥0.5	PASS
	5785	SISO	1	13.847	≥0.5	PASS
	5825	SISO	1	15.497	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.175	≥0.5	PASS
	5785	SISO	1	13.954	≥0.5	PASS
	5825	SISO	1	15.123	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.145	≥0.5	PASS
	5795	SISO	1	35.285	≥0.5	PASS

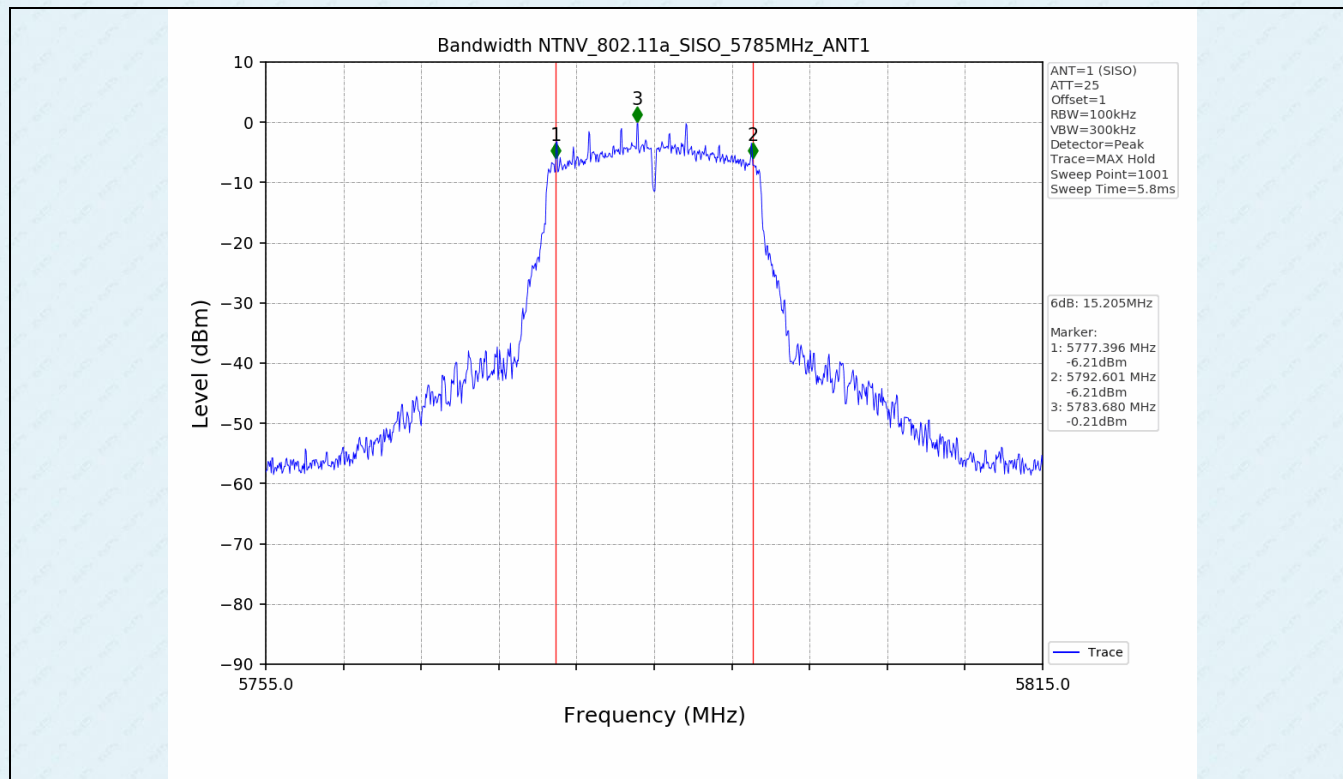
802.11ac(VHT20)	5745	SISO	1	15.135	≥ 0.5	PASS
	5785	SISO	1	15.162	≥ 0.5	PASS
	5825	SISO	1	15.163	≥ 0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.284	≥ 0.5	PASS
	5795	SISO	1	35.216	≥ 0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.650	≥ 0.5	PASS

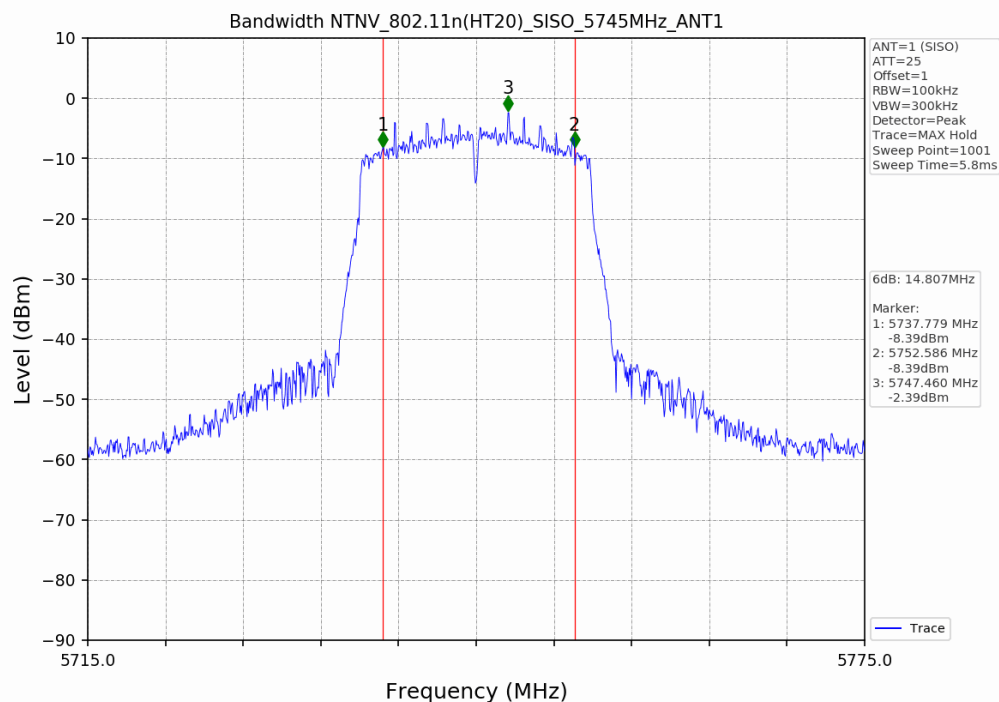
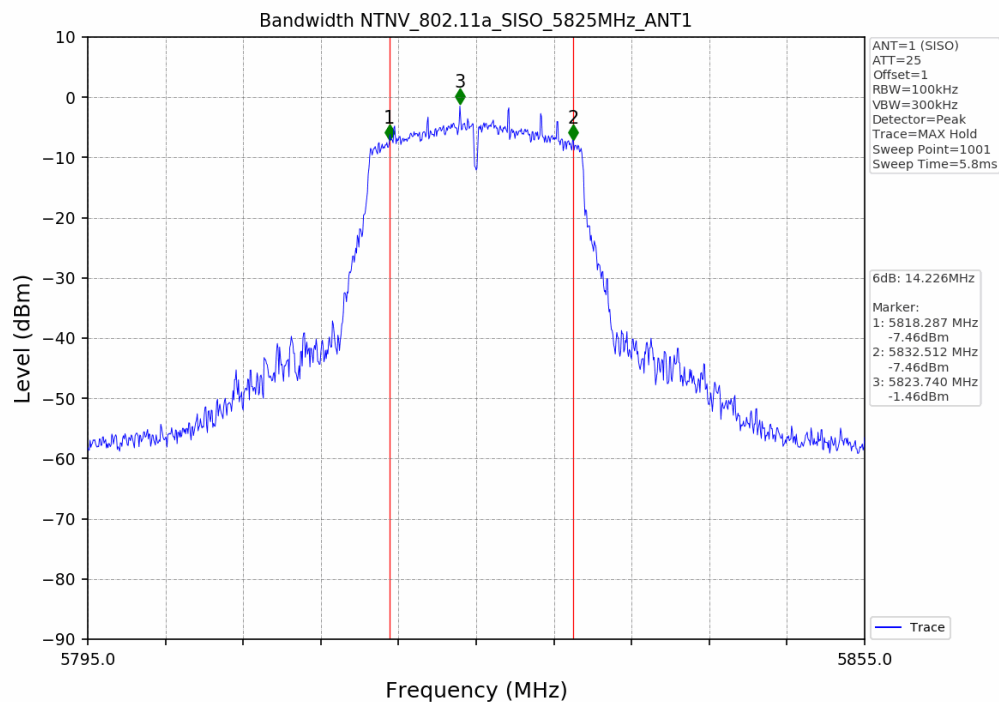
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.680	Only for Report Use
	5785	SISO	1	16.662	Only for Report Use
	5825	SISO	1	16.672	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.668	Only for Report Use
	5785	SISO	1	17.668	Only for Report Use
	5825	SISO	1	17.641	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.406	Only for Report Use
	5795	SISO	1	36.298	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.634	Only for Report Use
	5785	SISO	1	17.644	Only for Report Use
	5825	SISO	1	17.637	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.398	Only for Report Use
	5795	SISO	1	36.296	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.758	Only for Report Use

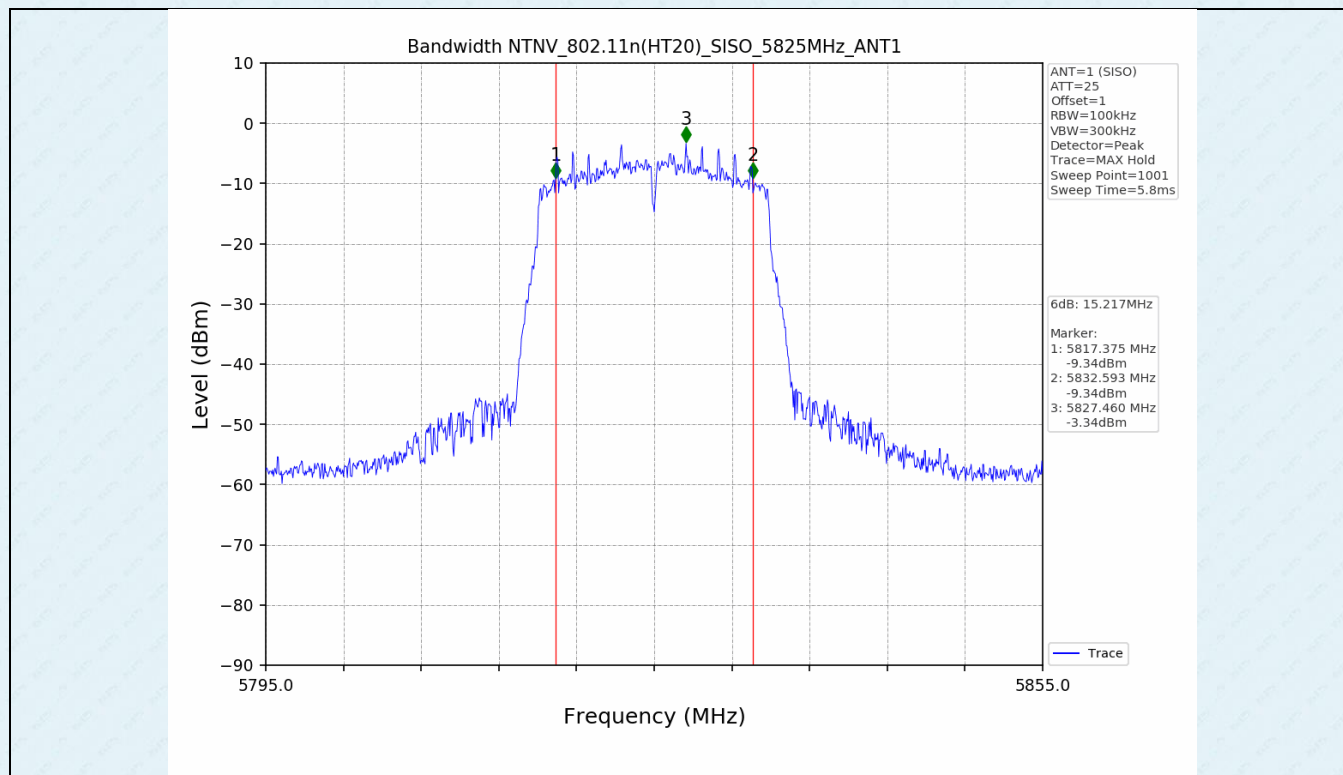
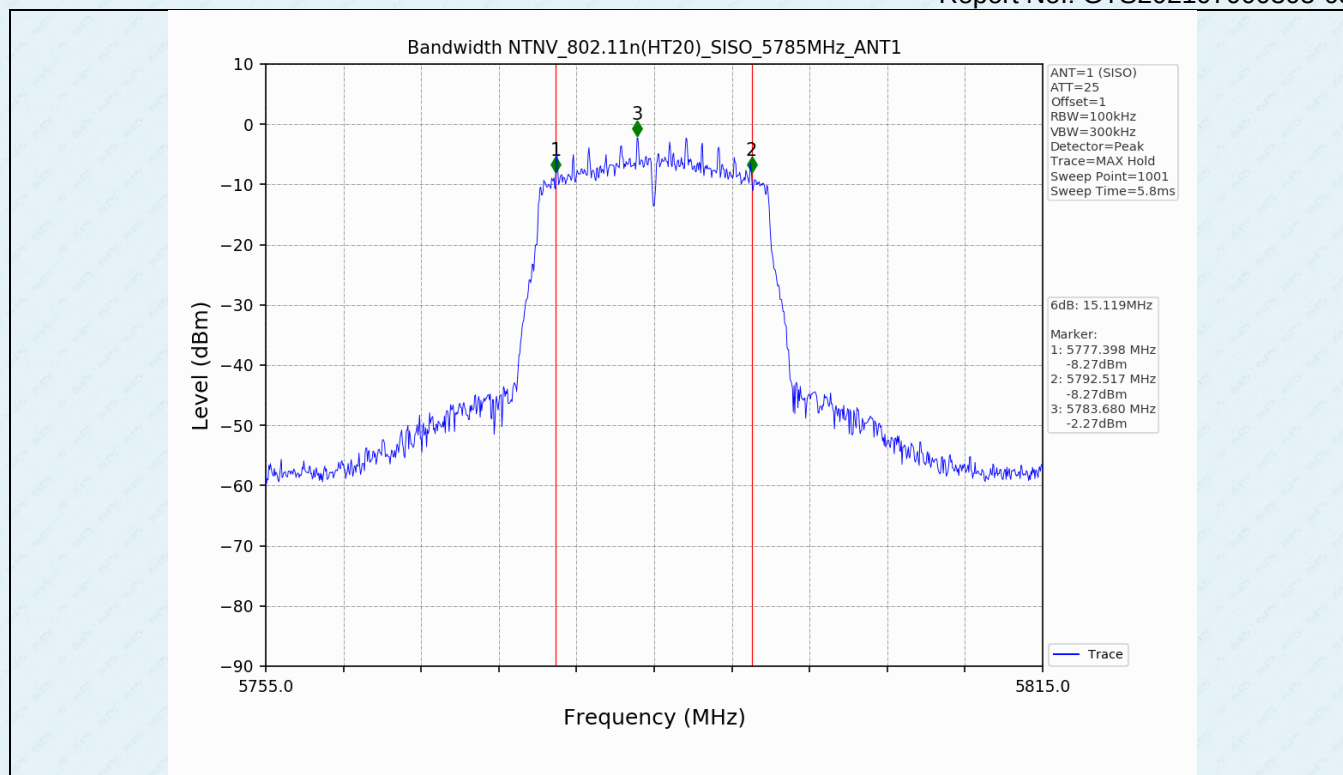
2.2 Test Graph - Emission Bandwidth

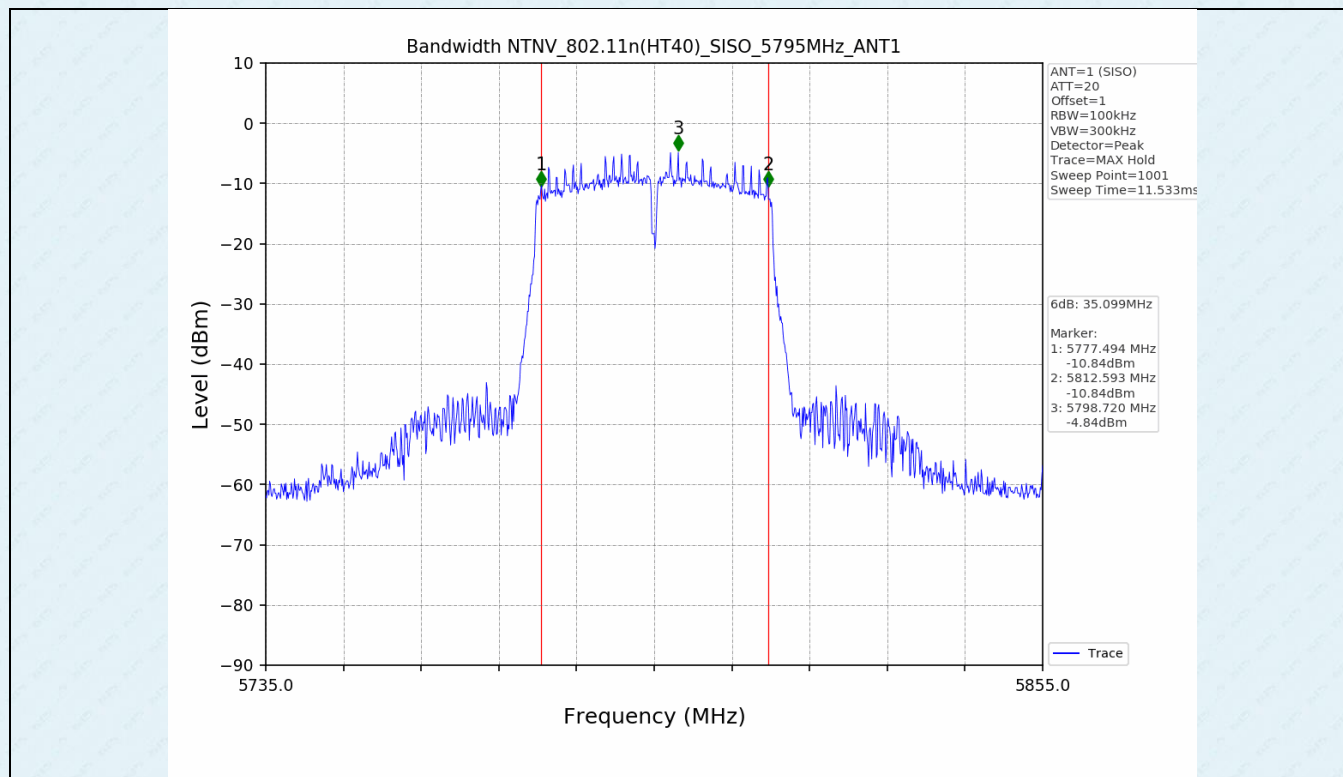
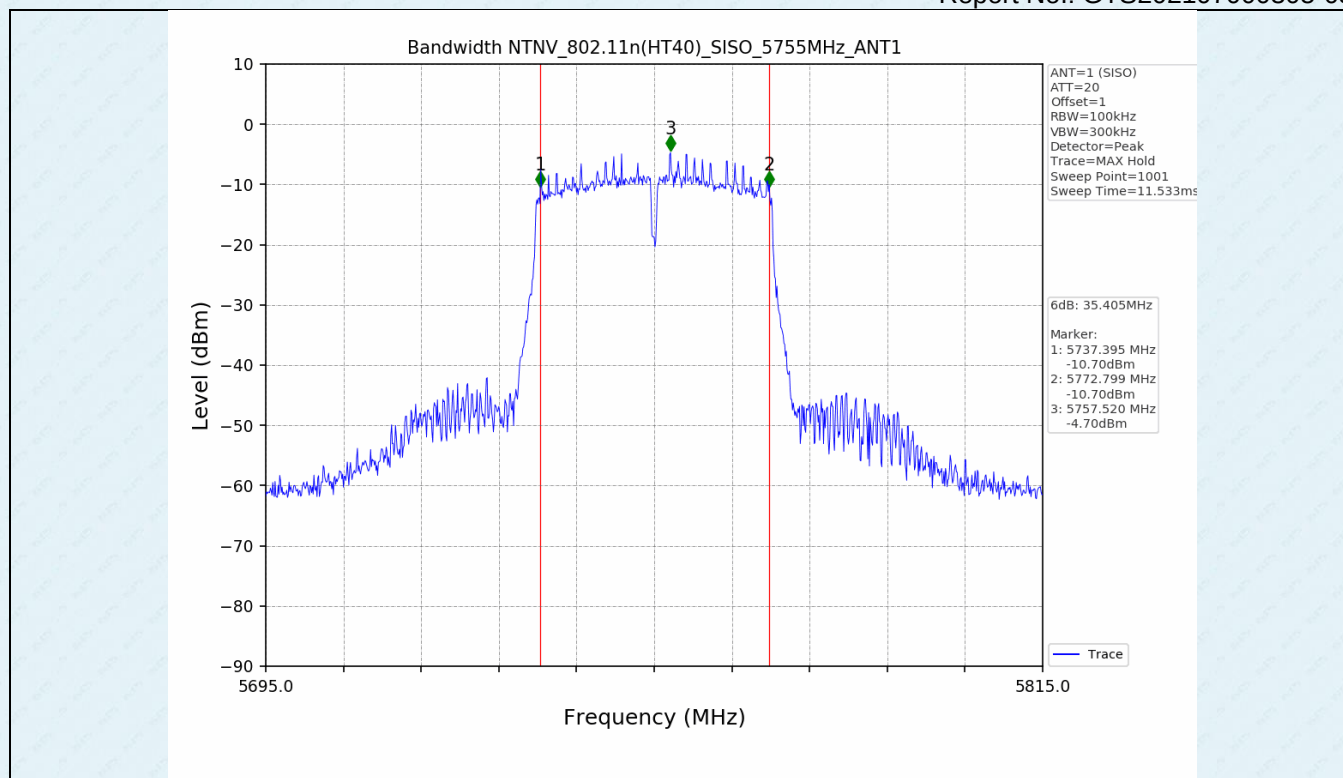
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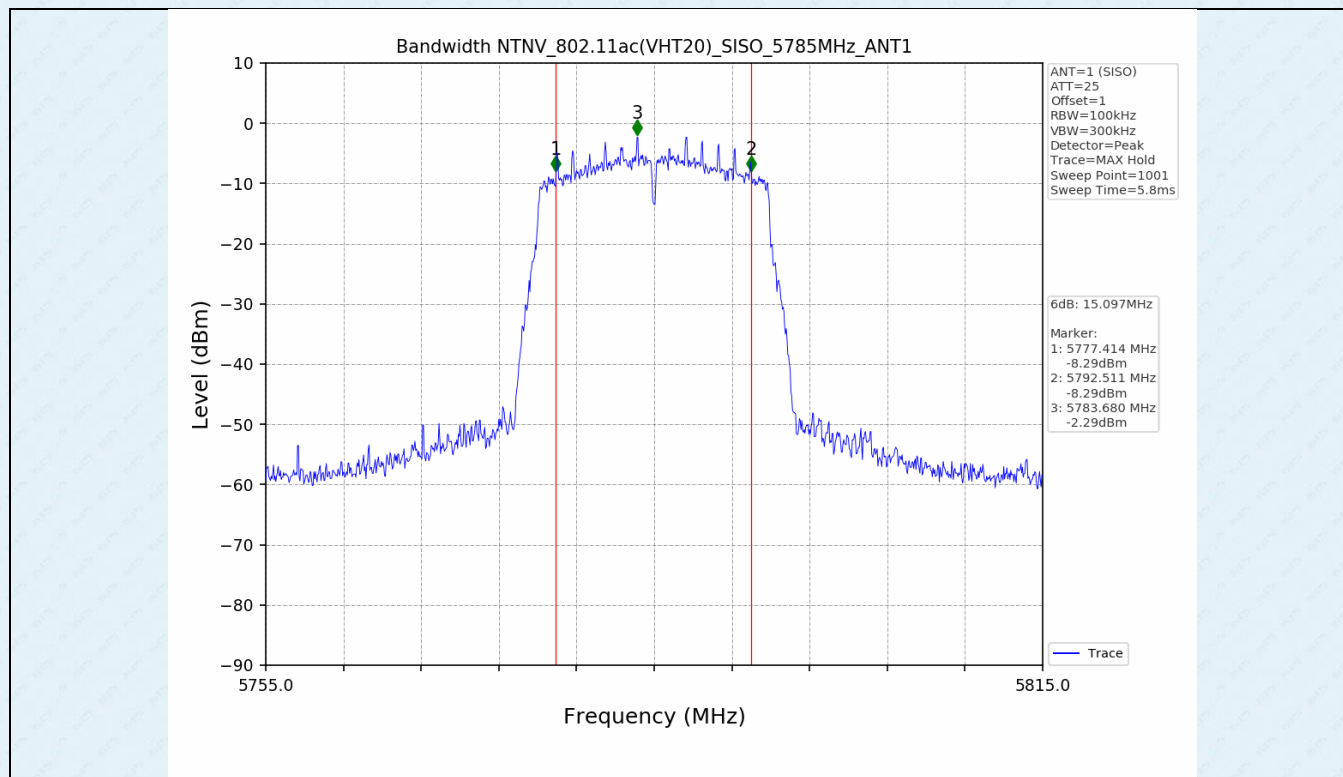
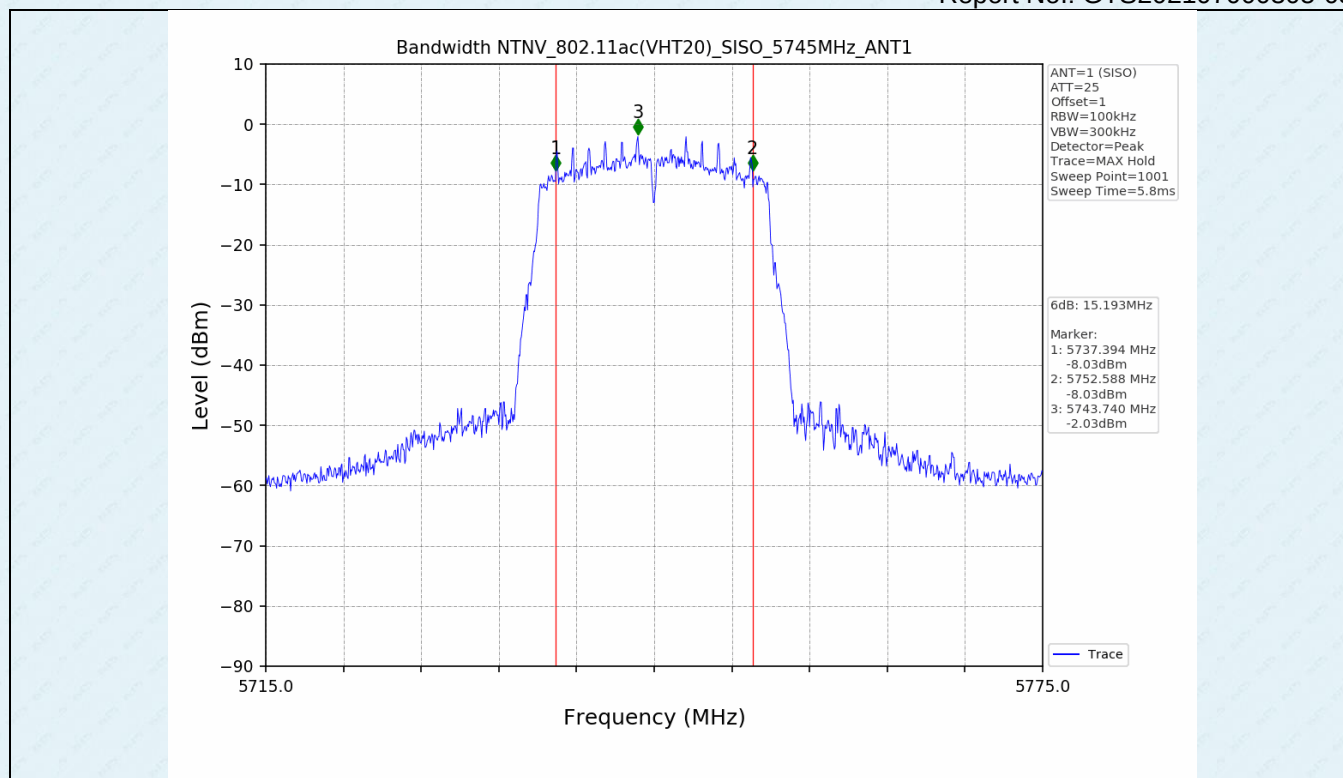


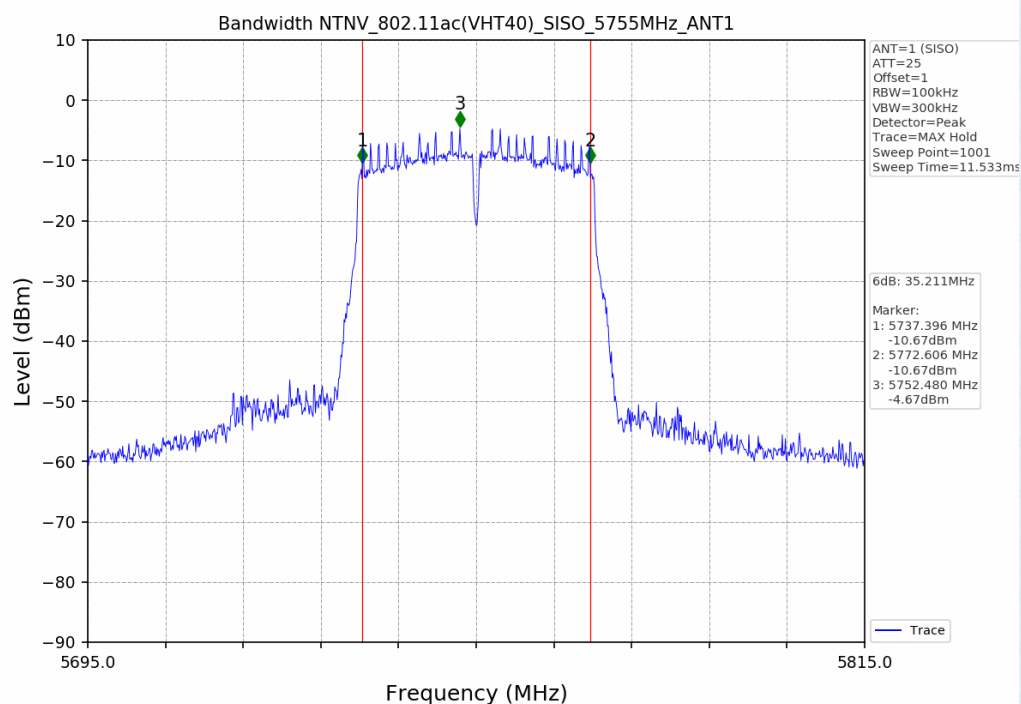
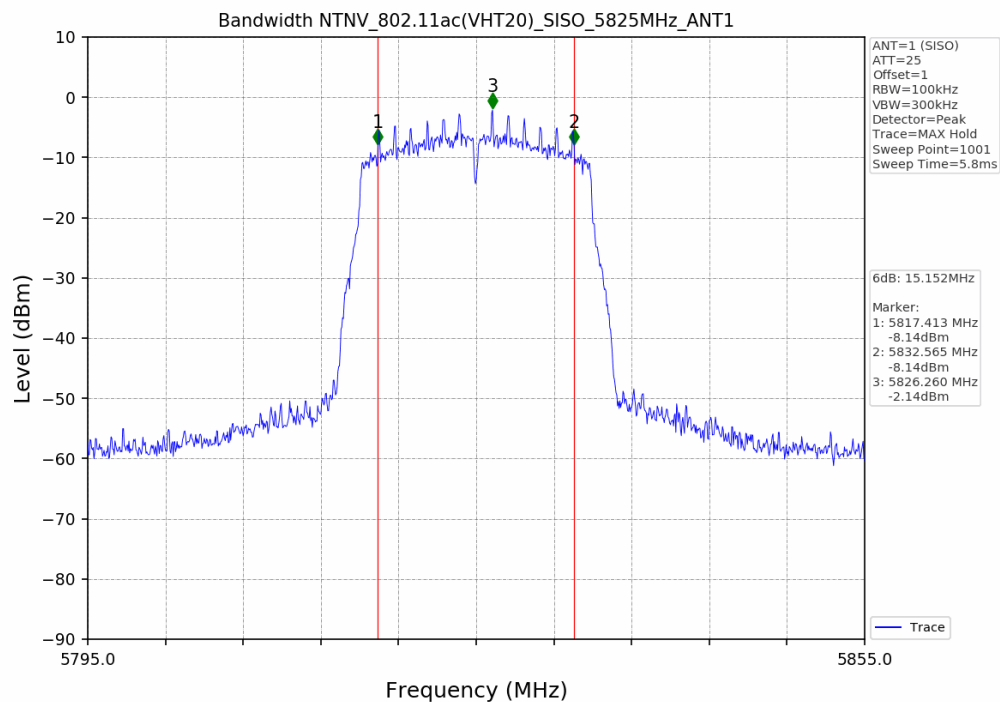


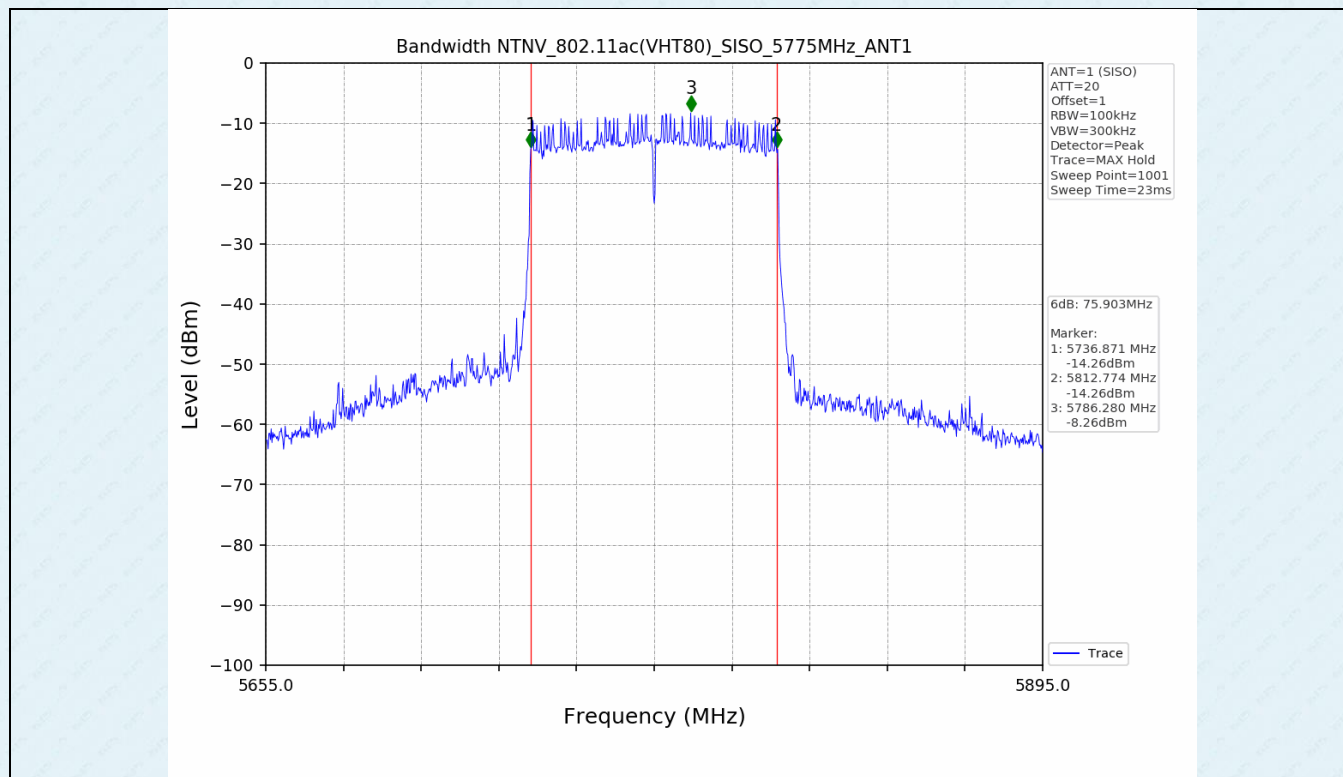
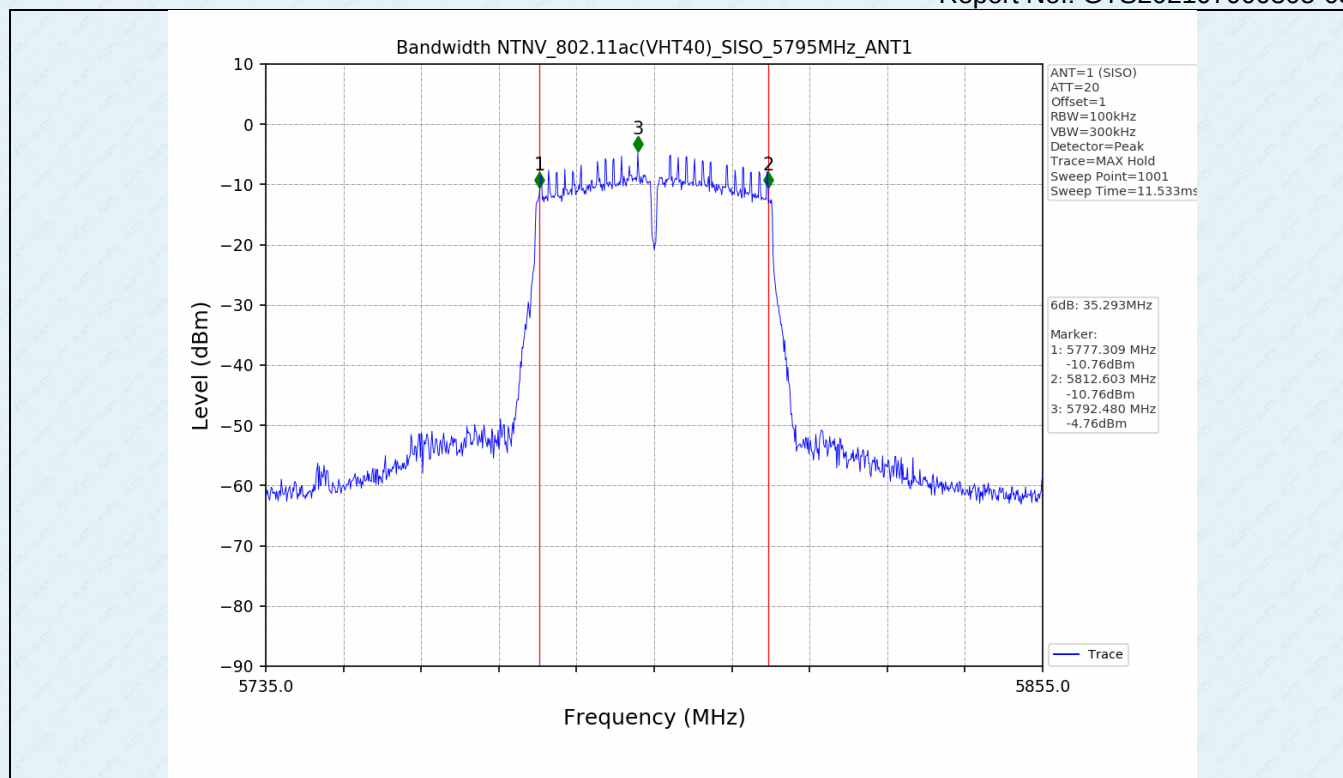












ANT 2:

