

Appendix for 15.407

1. Duty Cycle

1.1 Test Result

ANT 1:

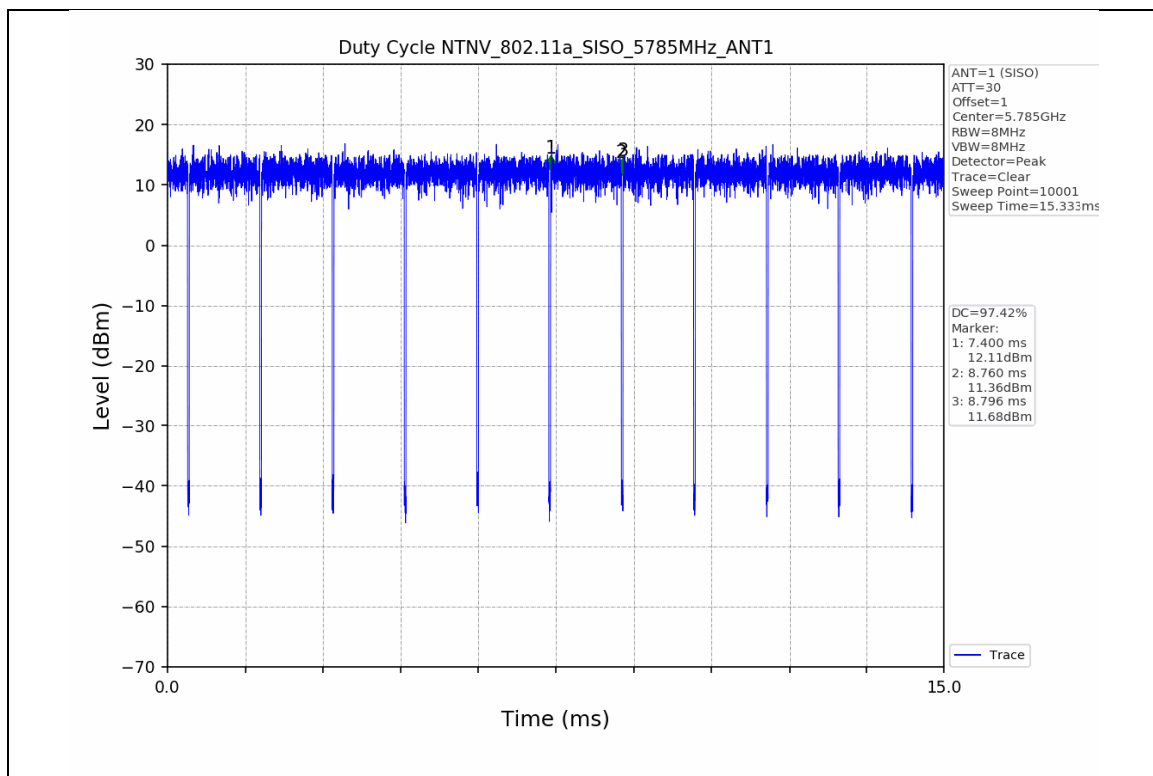
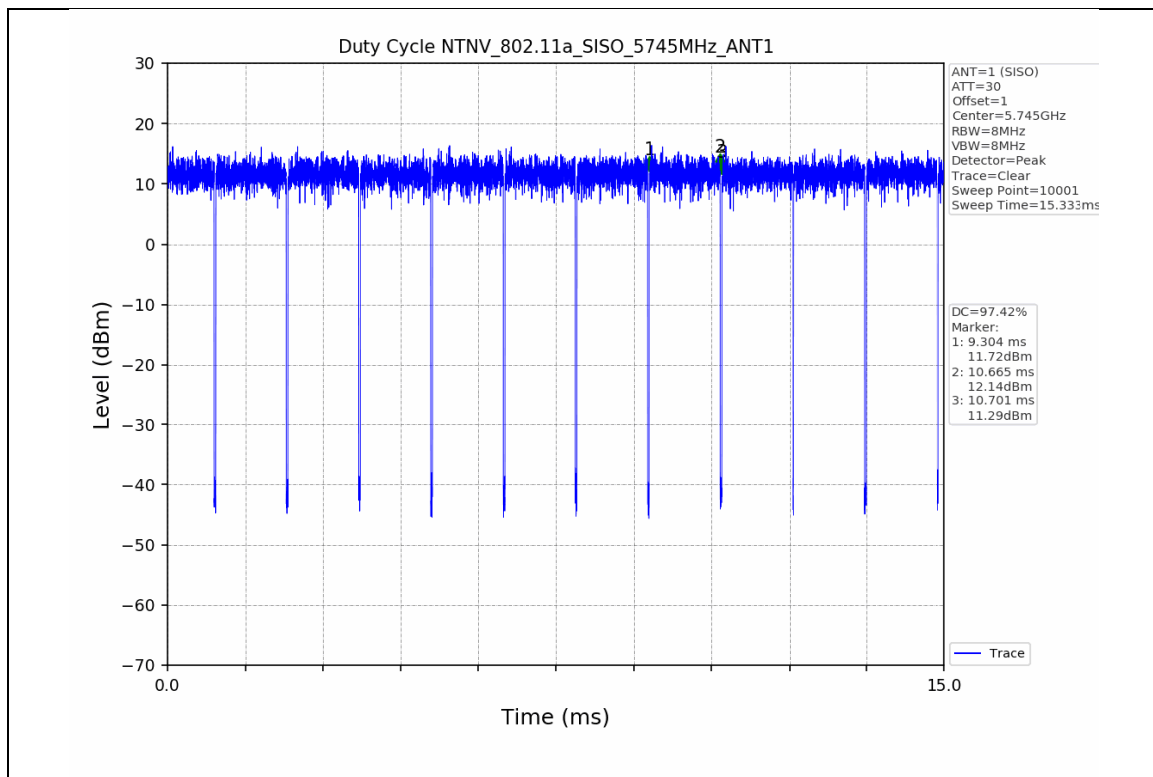
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.361	1.397	97.42	0.11
	5785	SISO	1	1.360	1.396	97.42	0.11
	5825	SISO	1	1.360	1.396	97.42	0.11
802.11n(HT20)	5745	SISO	1	1.299	1.336	97.23	0.12
	5785	SISO	1	1.299	1.335	97.30	0.12
	5825	SISO	1	1.300	1.335	97.38	0.12
802.11n(HT40)	5755	SISO	1	0.618	0.651	94.93	0.23
	5795	SISO	1	0.618	0.652	94.79	0.23
802.11ac(VHT20)	5745	SISO	1	0.649	0.684	94.88	0.23
	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	0.387	90.96	0.41
	5795	SISO	1	0.352	0.414	85.02	0.70
802.11ac(VHT80)	5775	SISO	1	0.188	0.665	28.27	5.49

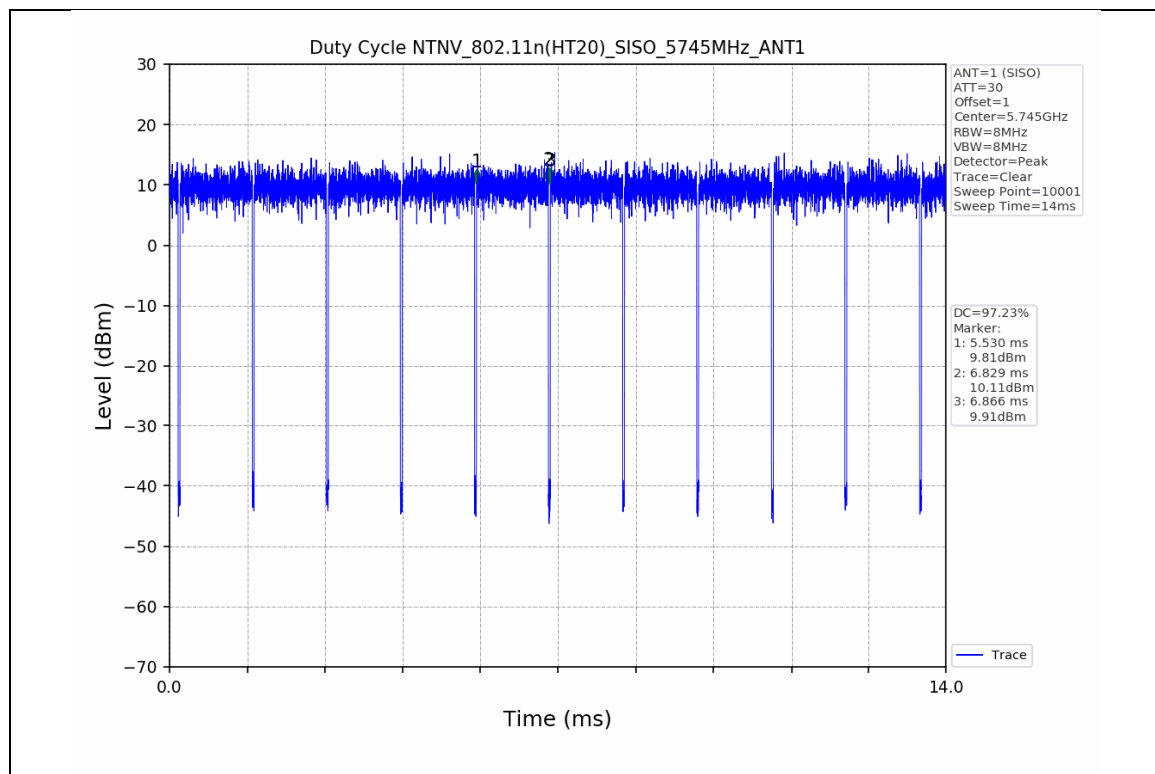
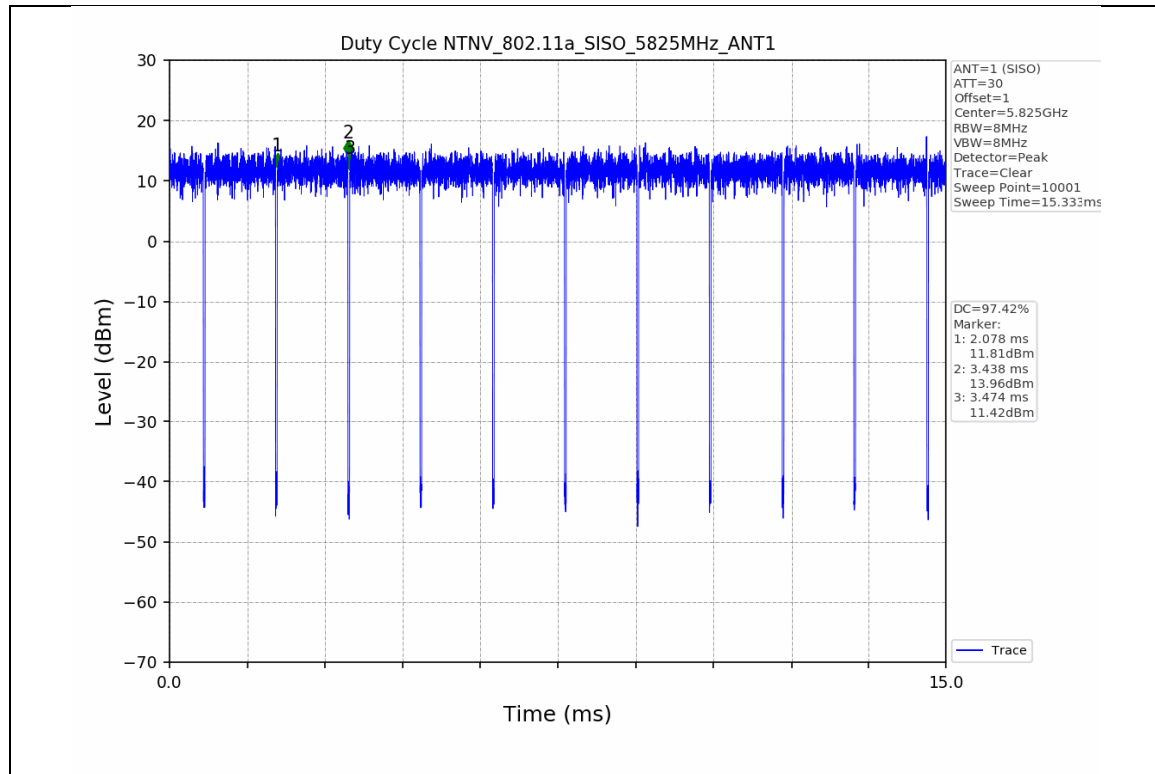
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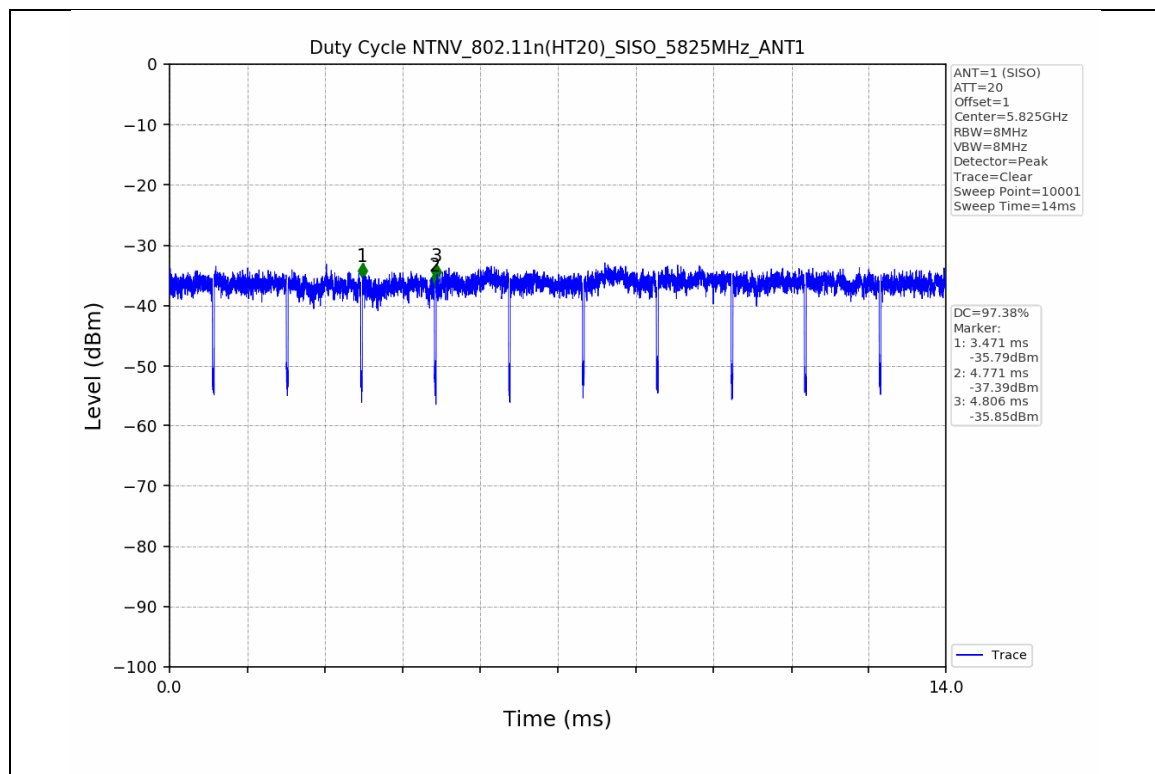
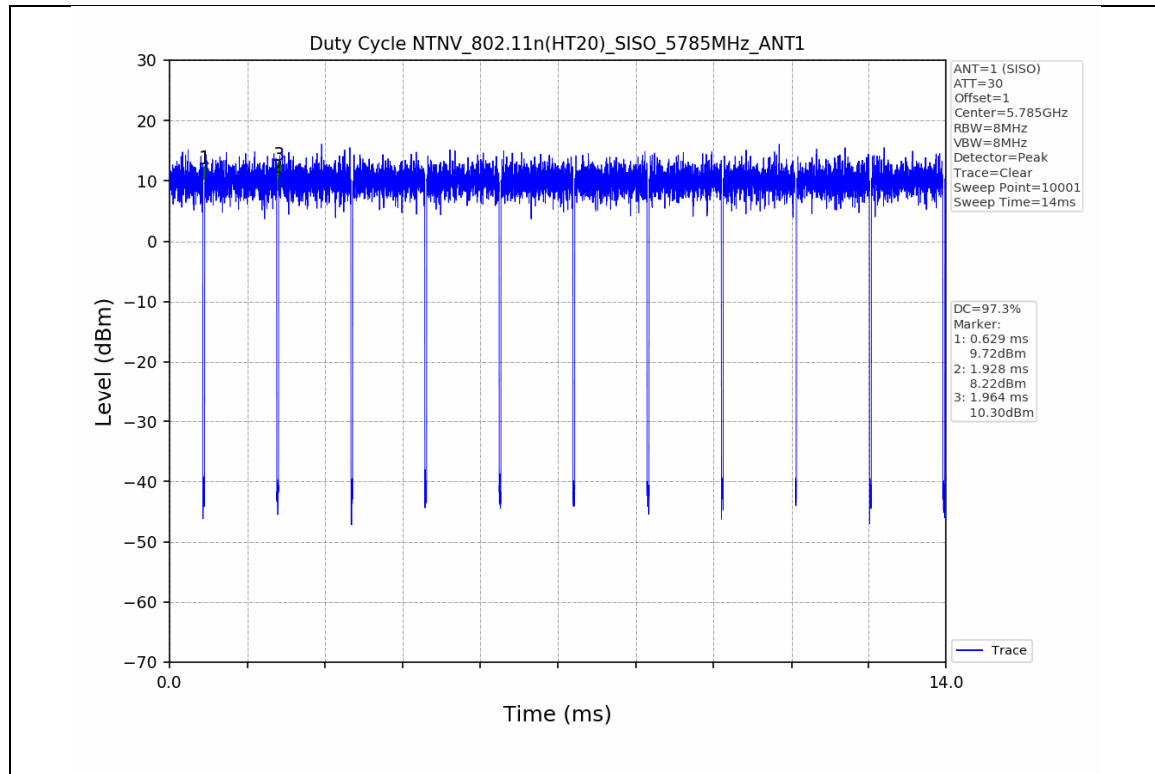
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.361	1.397	97.42	0.11
	5785	SISO	1	1.360	1.397	97.35	0.12
	5825	SISO	1	1.361	1.397	97.42	0.11
802.11n(HT20)	5745	SISO	1	1.299	1.335	97.30	0.12
	5785	SISO	1	1.299	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	0.652	94.79	0.23
	5795	SISO	1	0.619	0.652	94.94	0.23
802.11ac(VHT20)	5745	SISO	1	0.649	0.683	95.02	0.22
	5785	SISO	1	0.649	0.684	94.88	0.23
	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	0.187	0.655	28.55	5.44

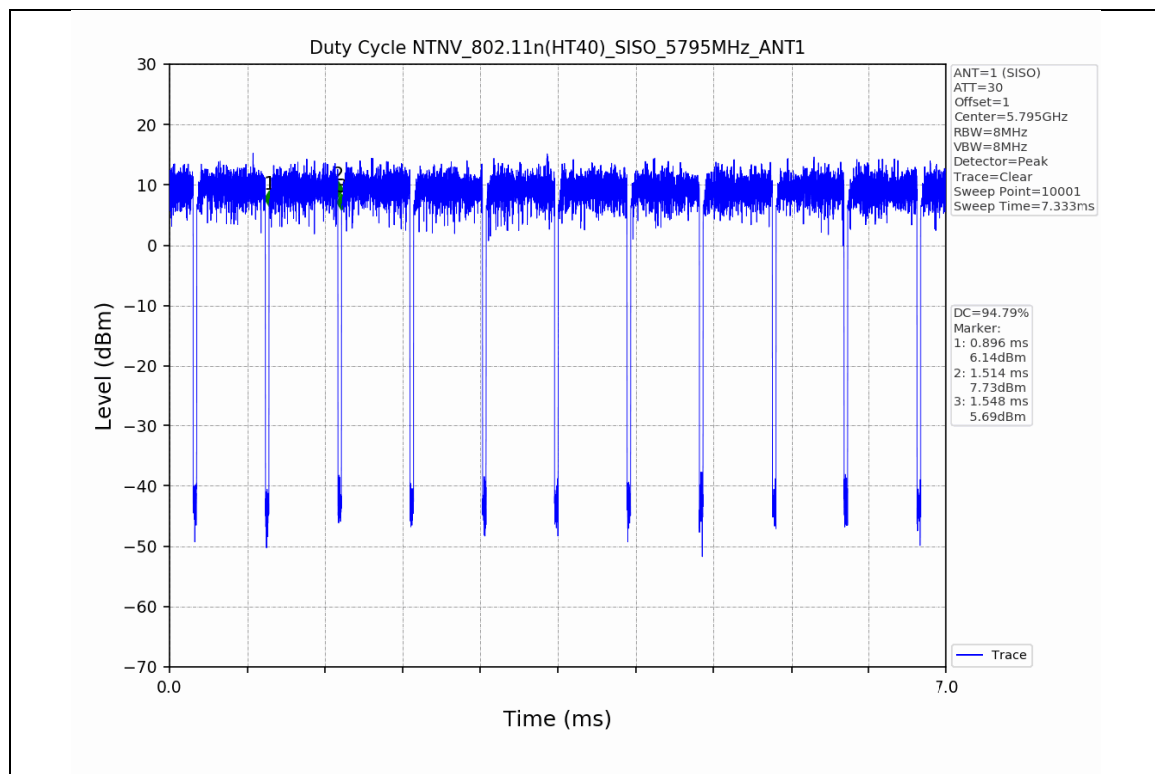
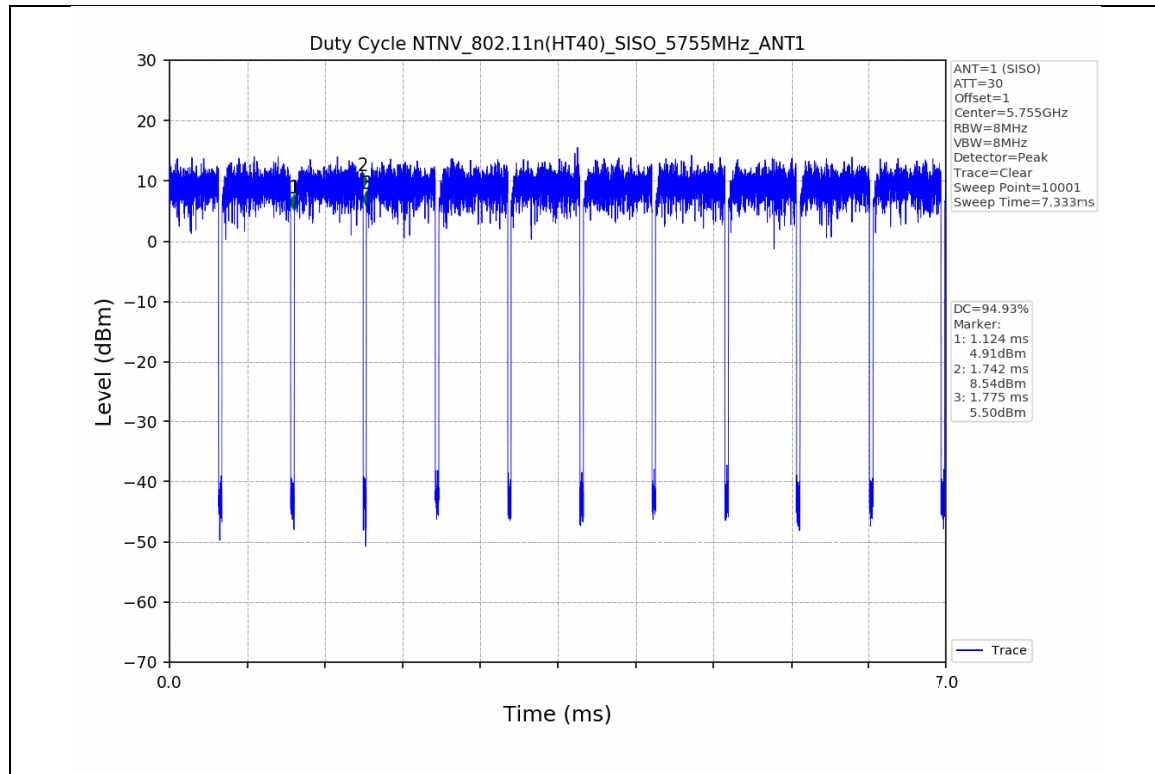
1.2 Test Graph

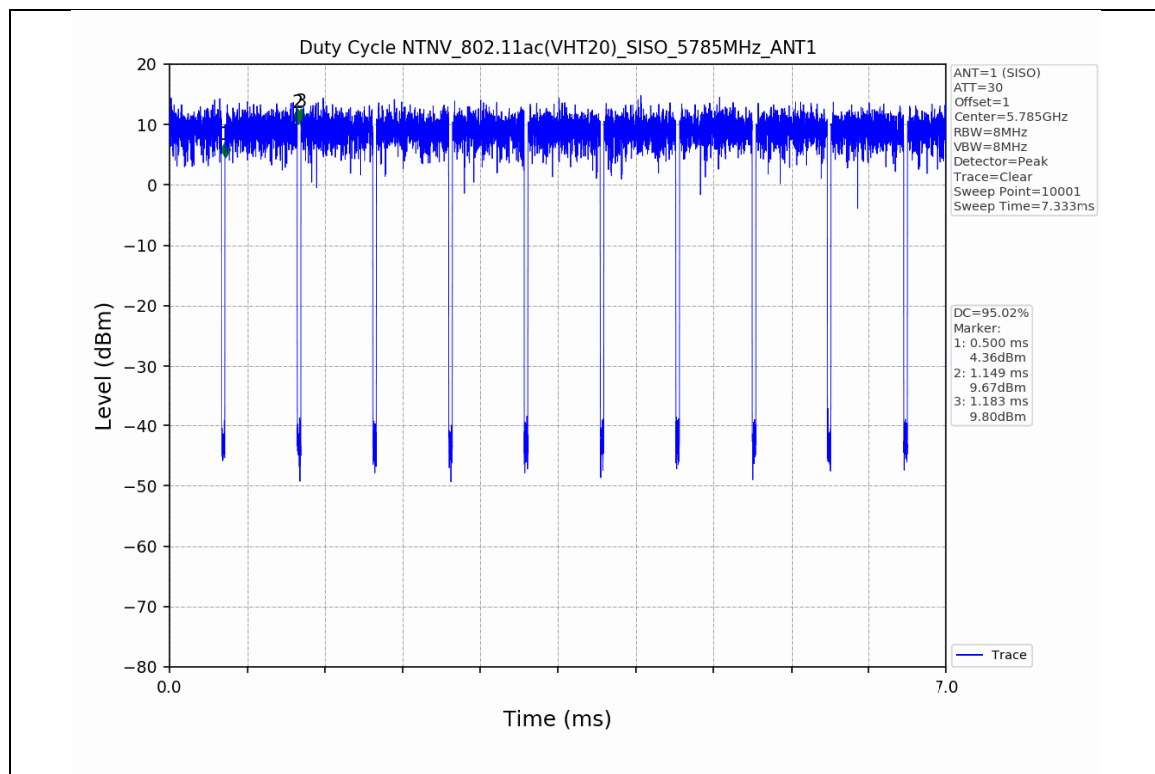
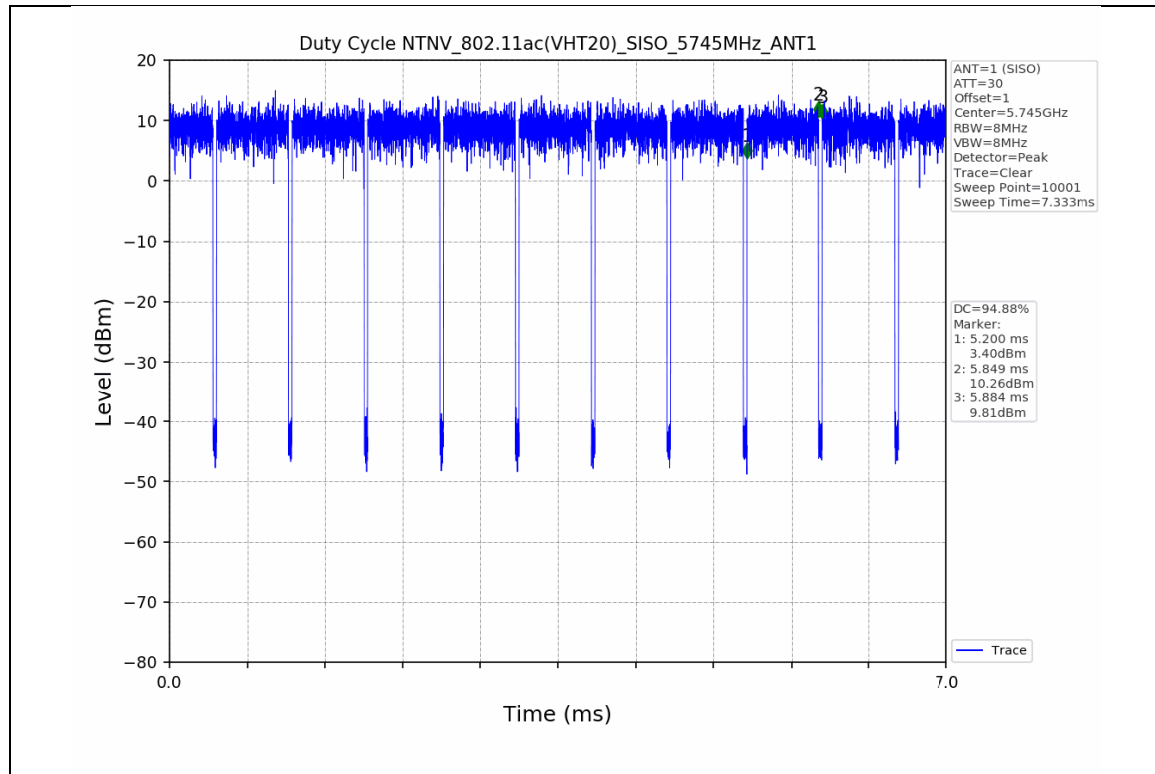
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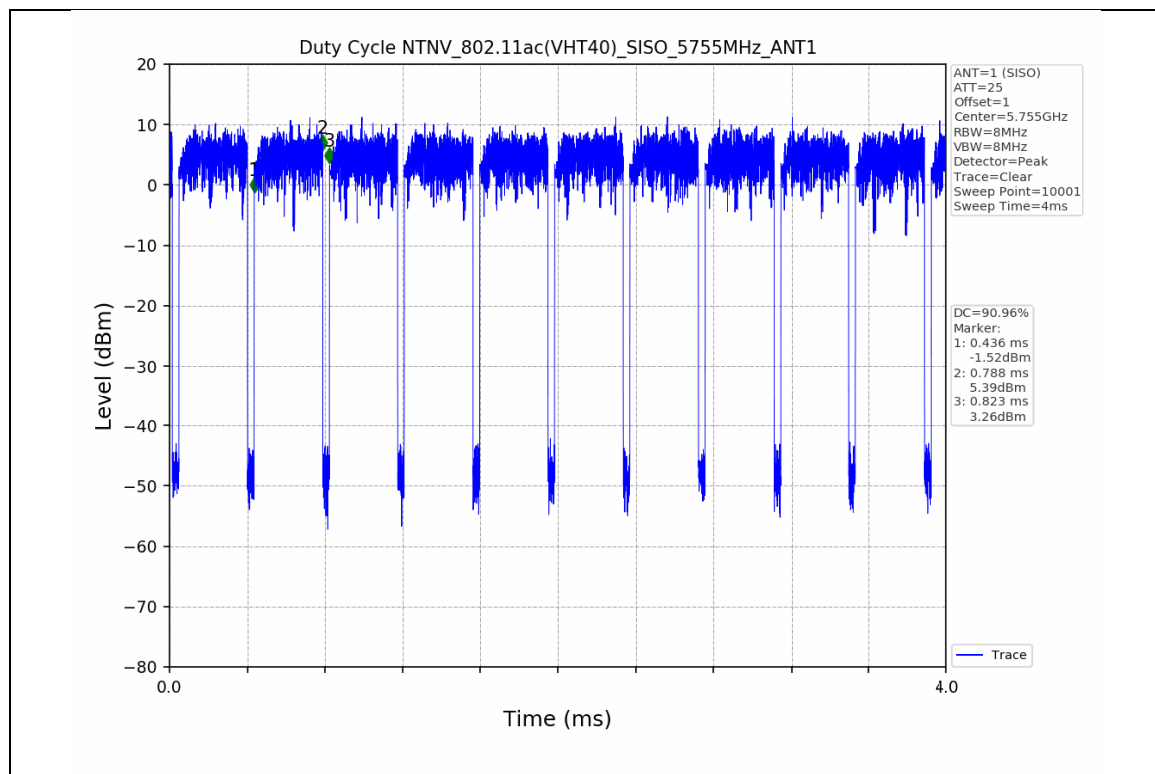
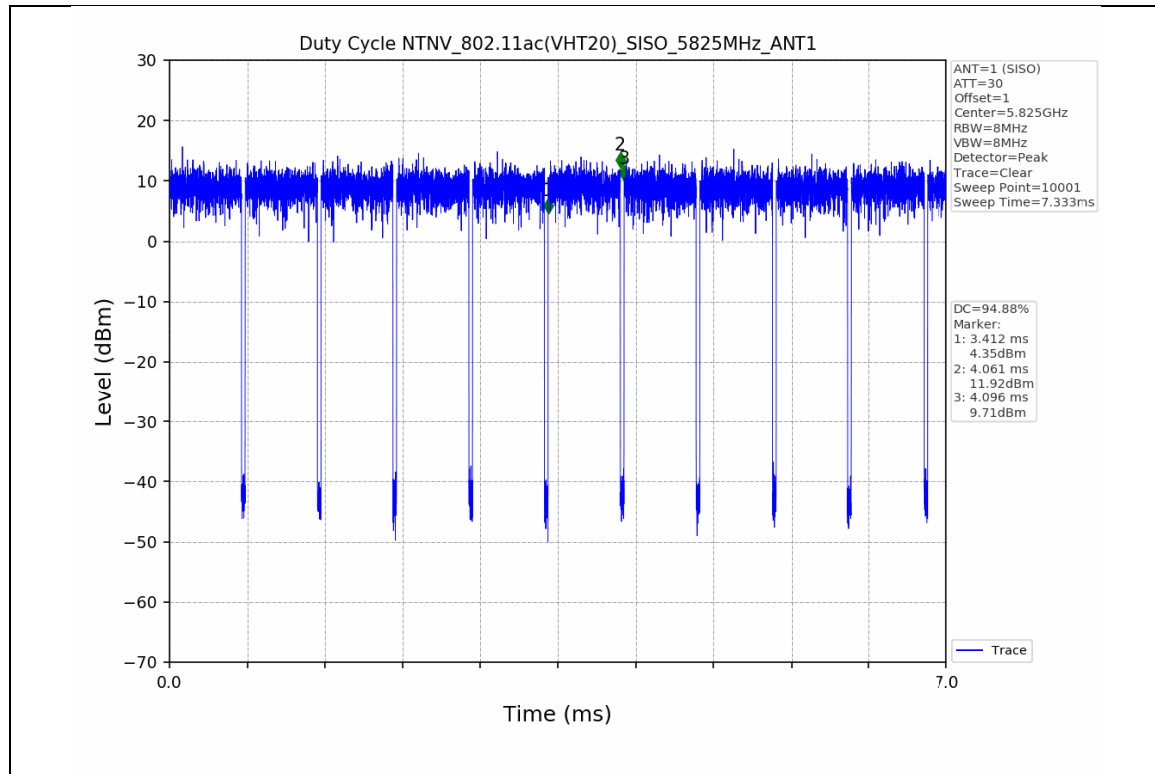


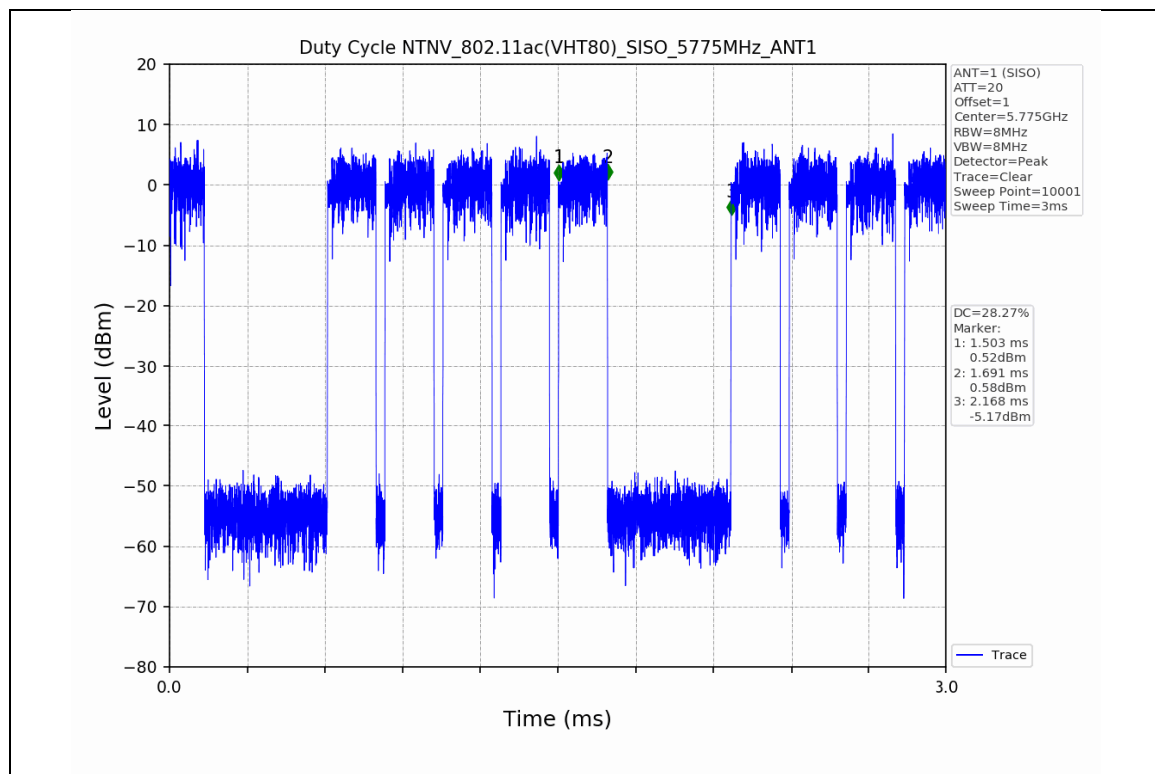
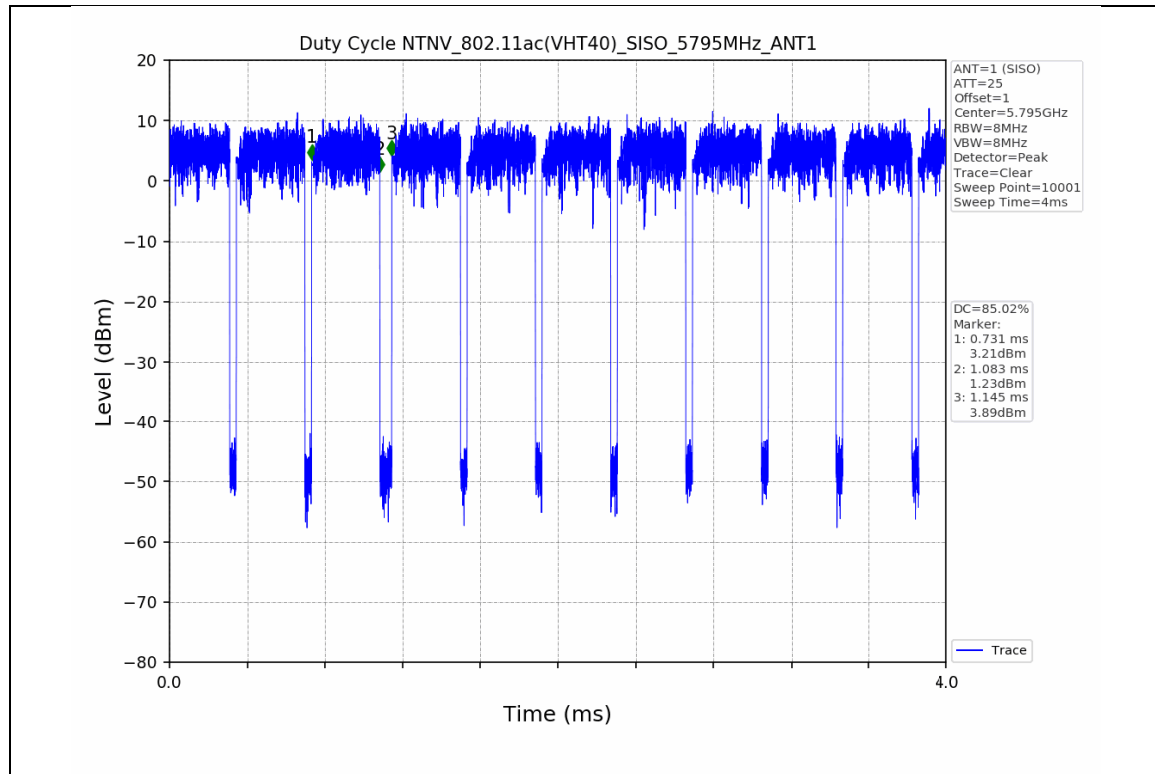




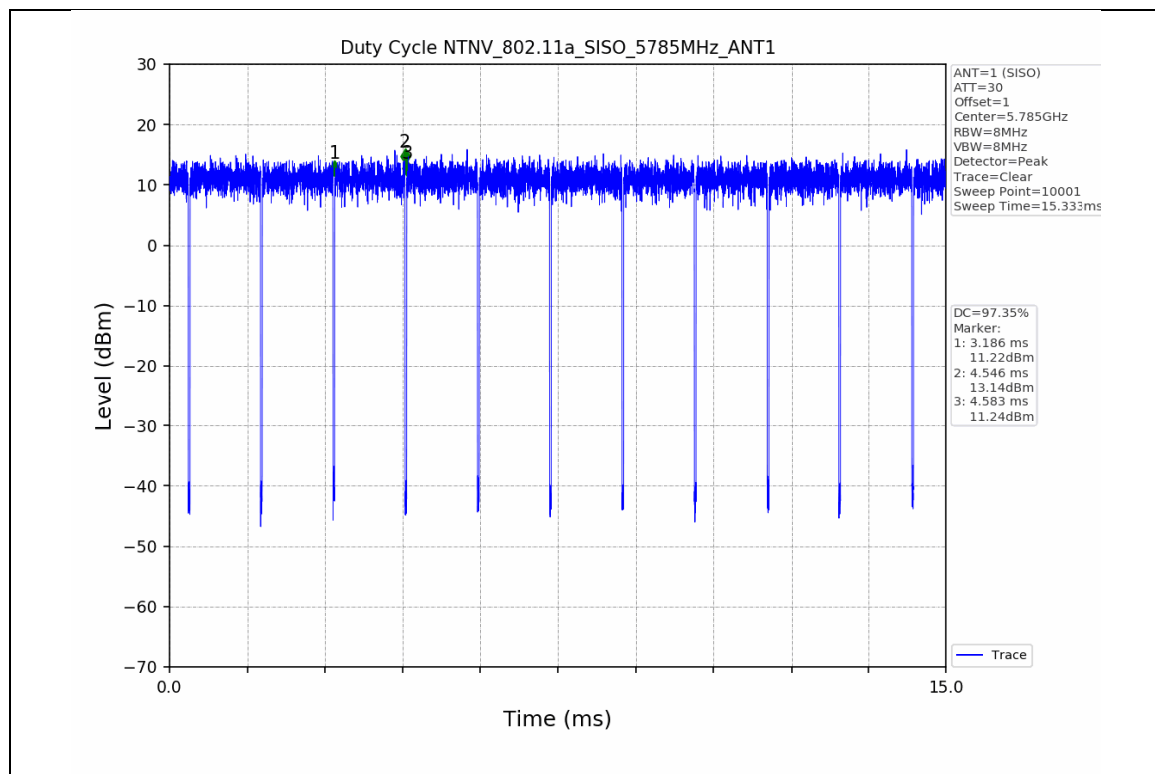
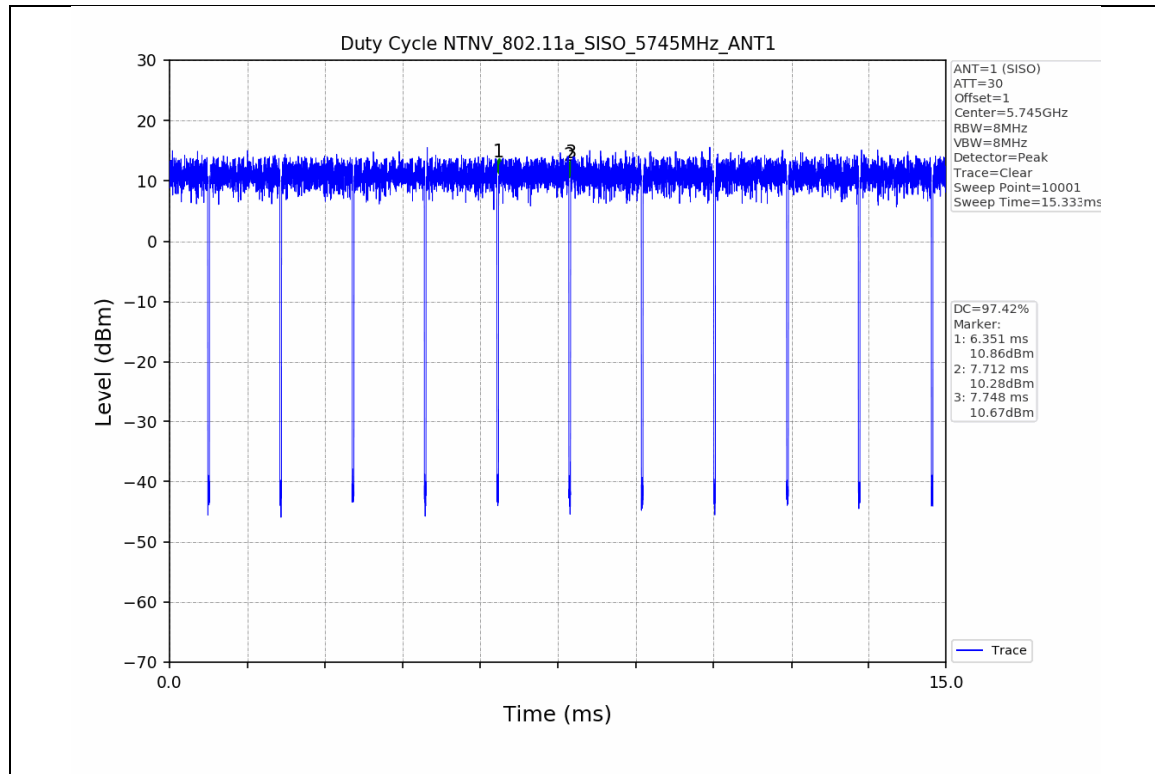


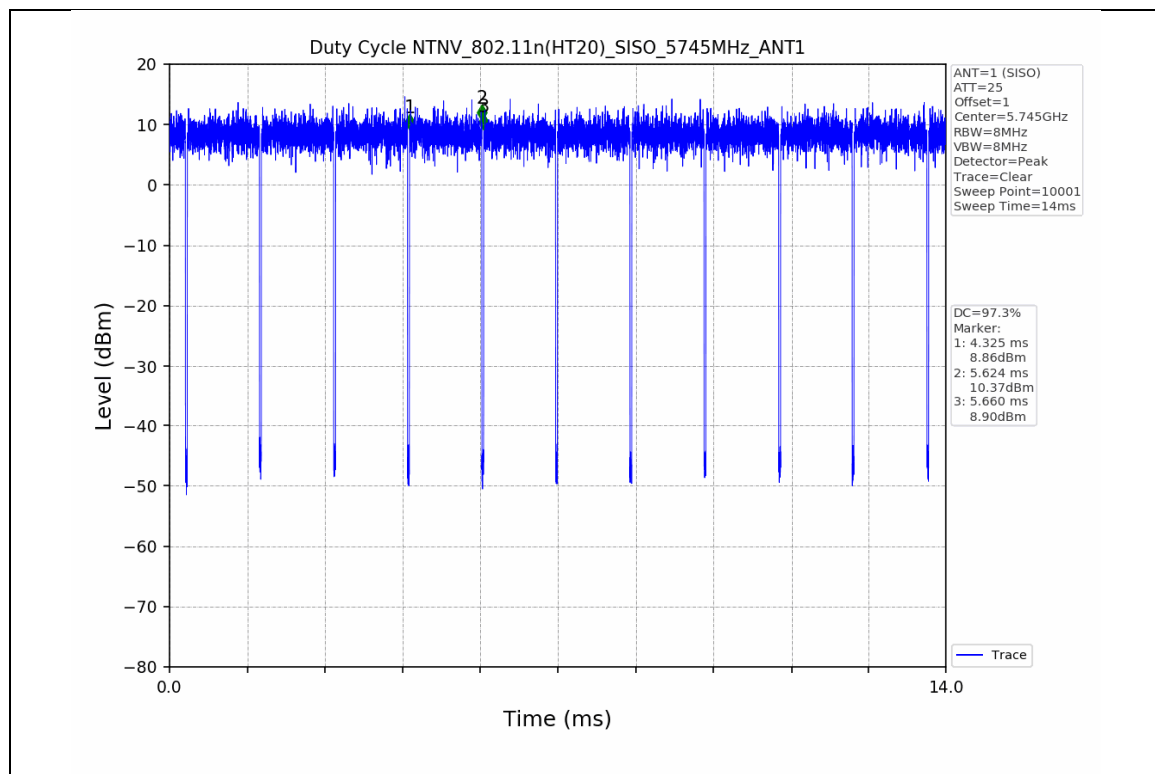
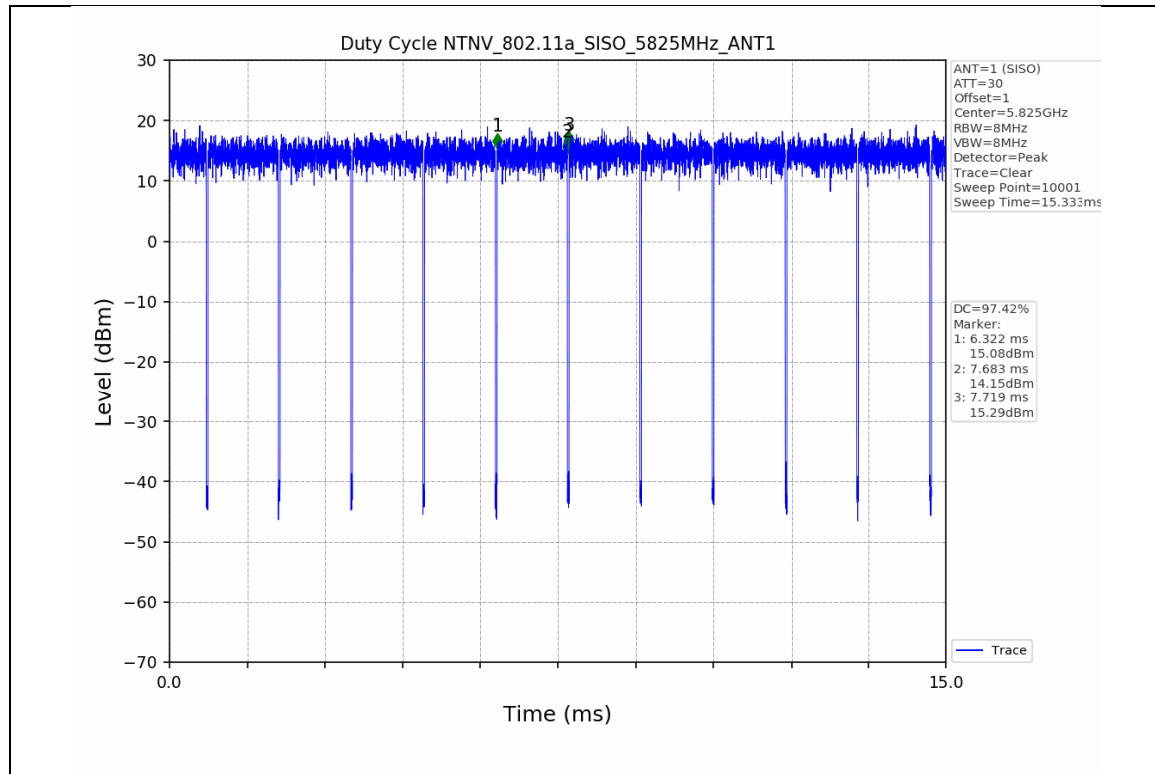


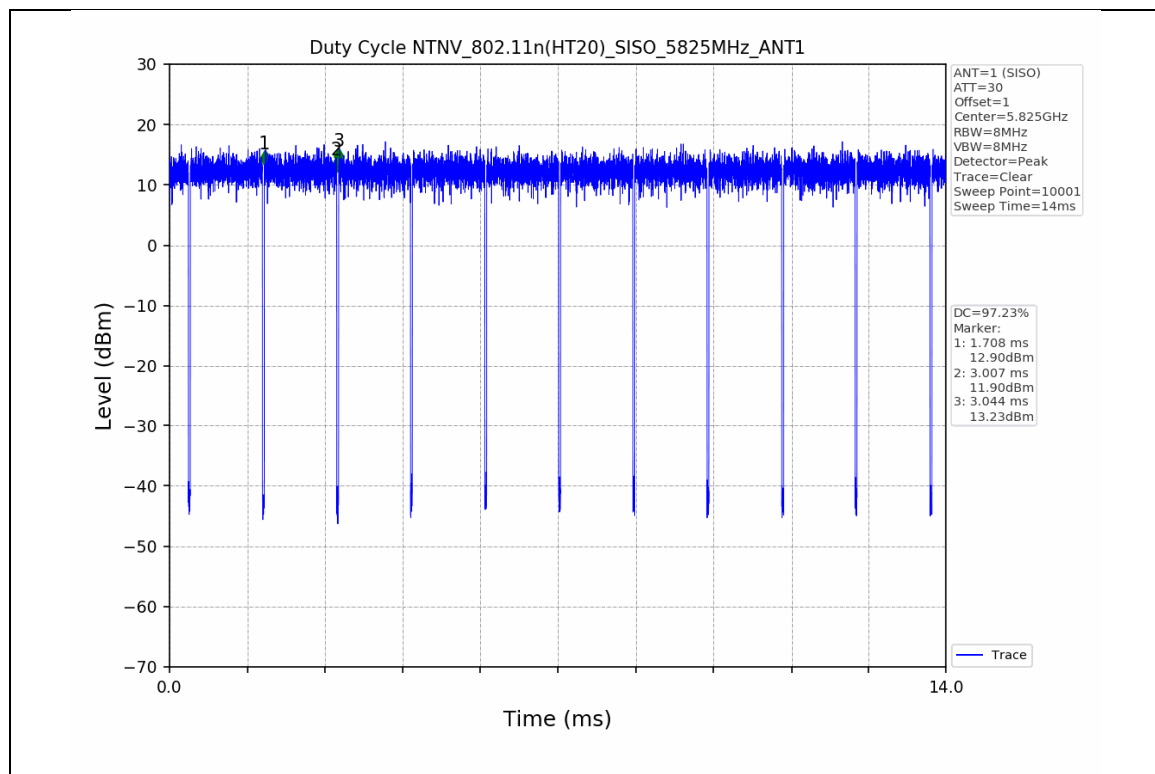
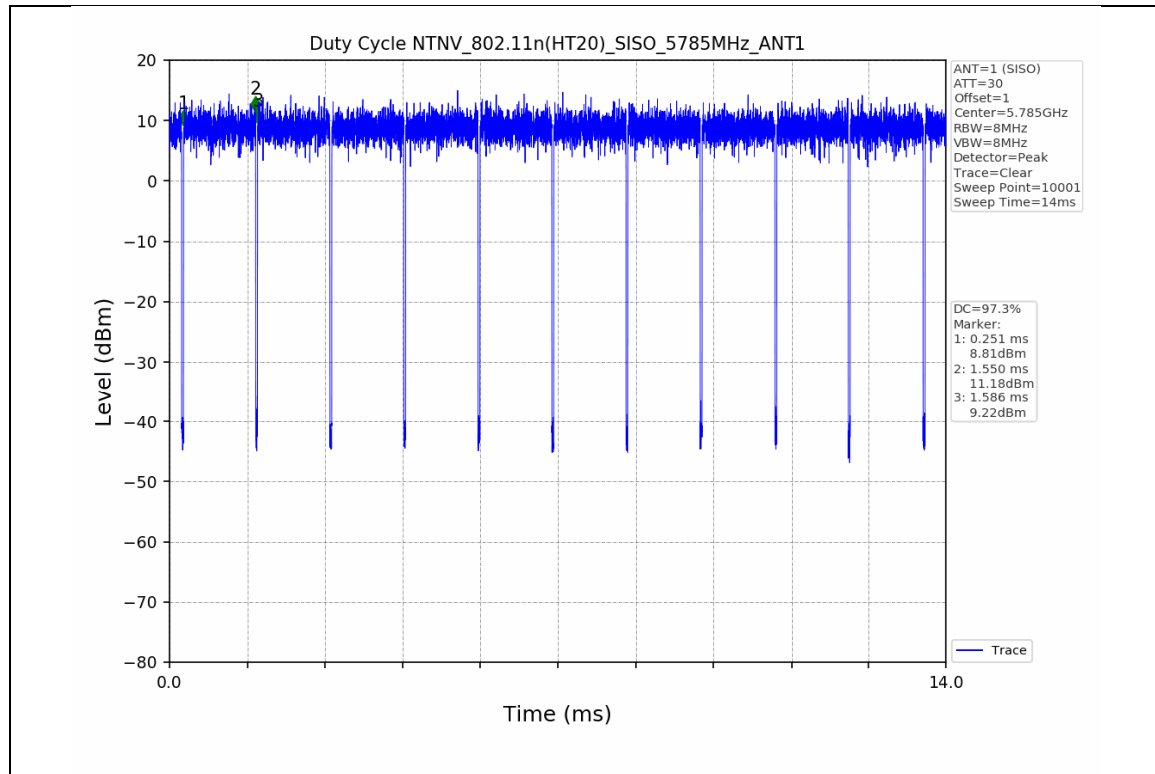


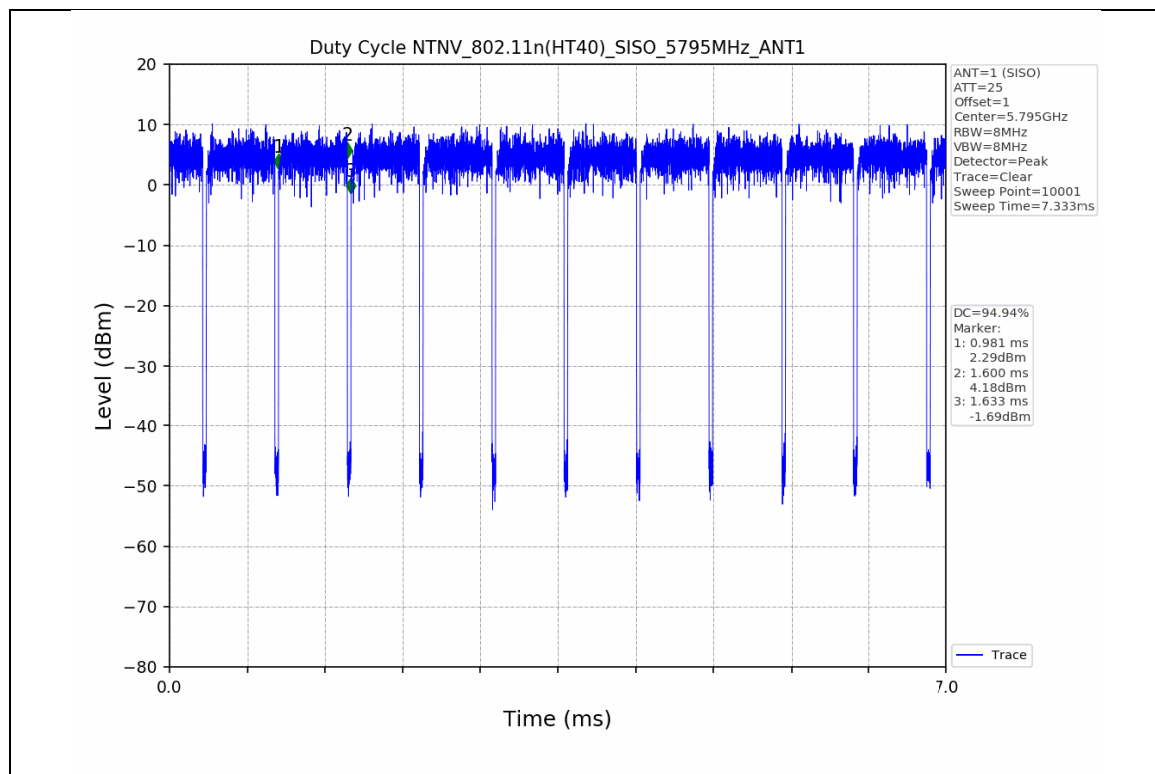
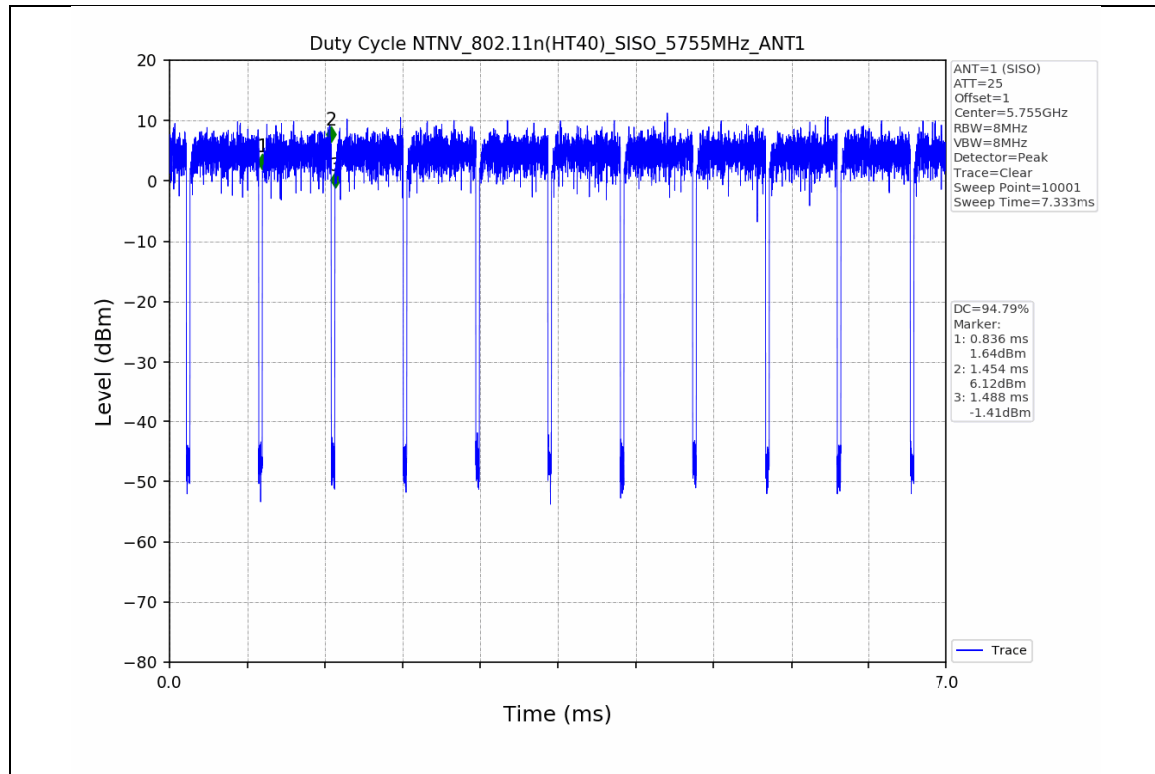


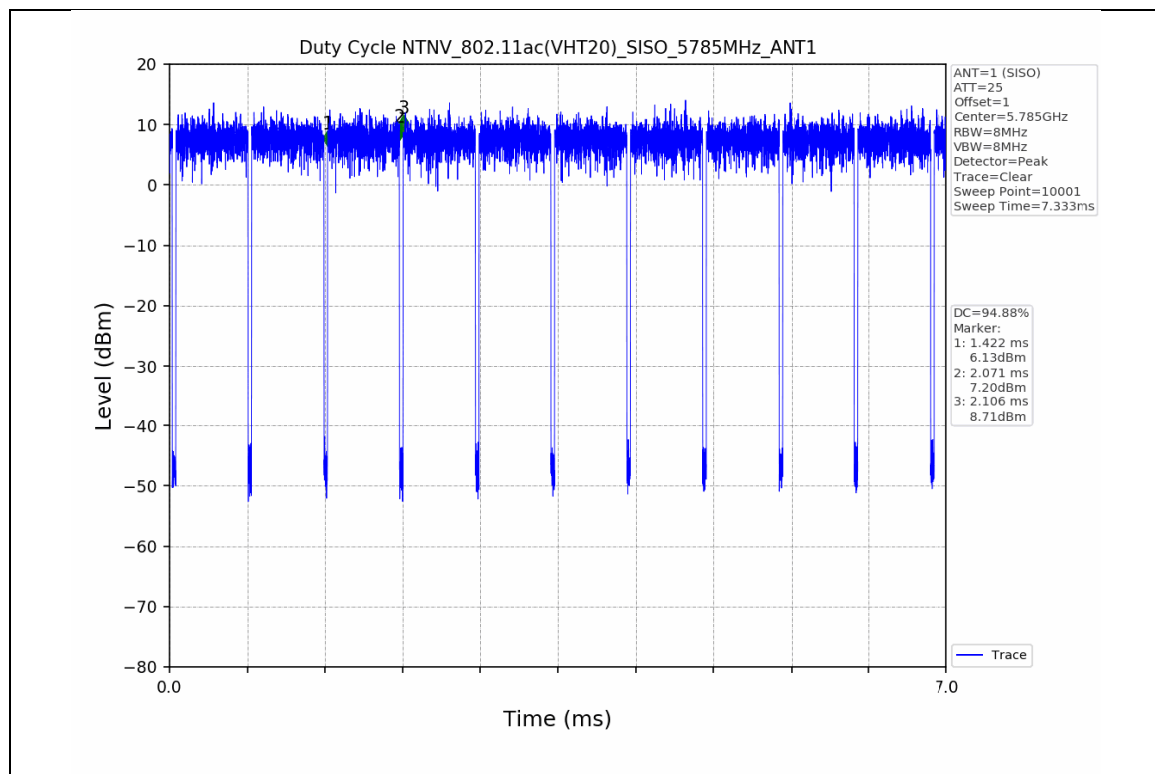
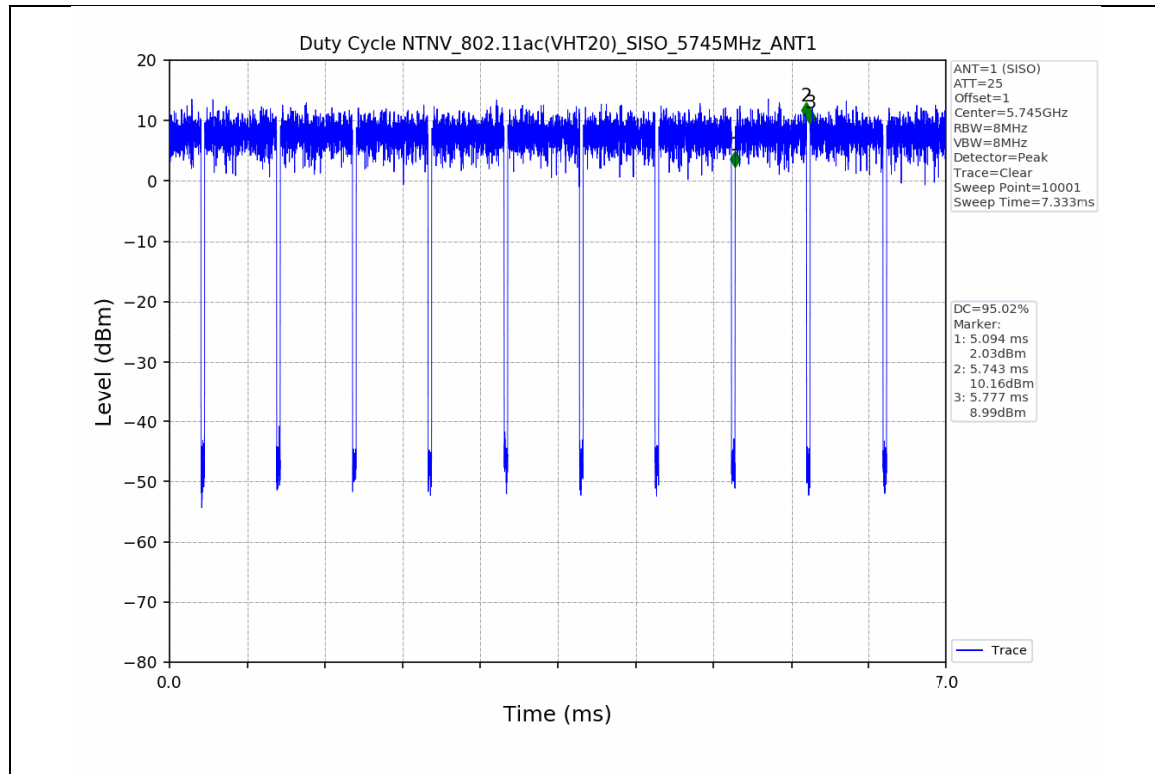
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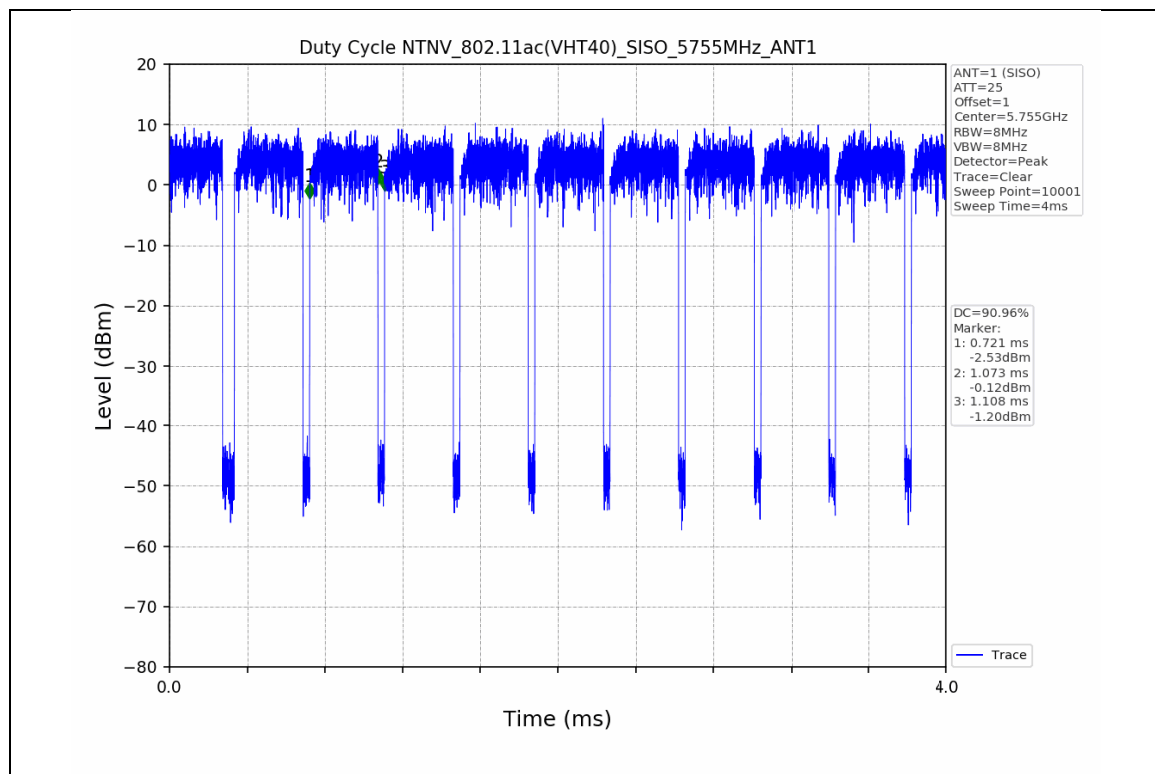
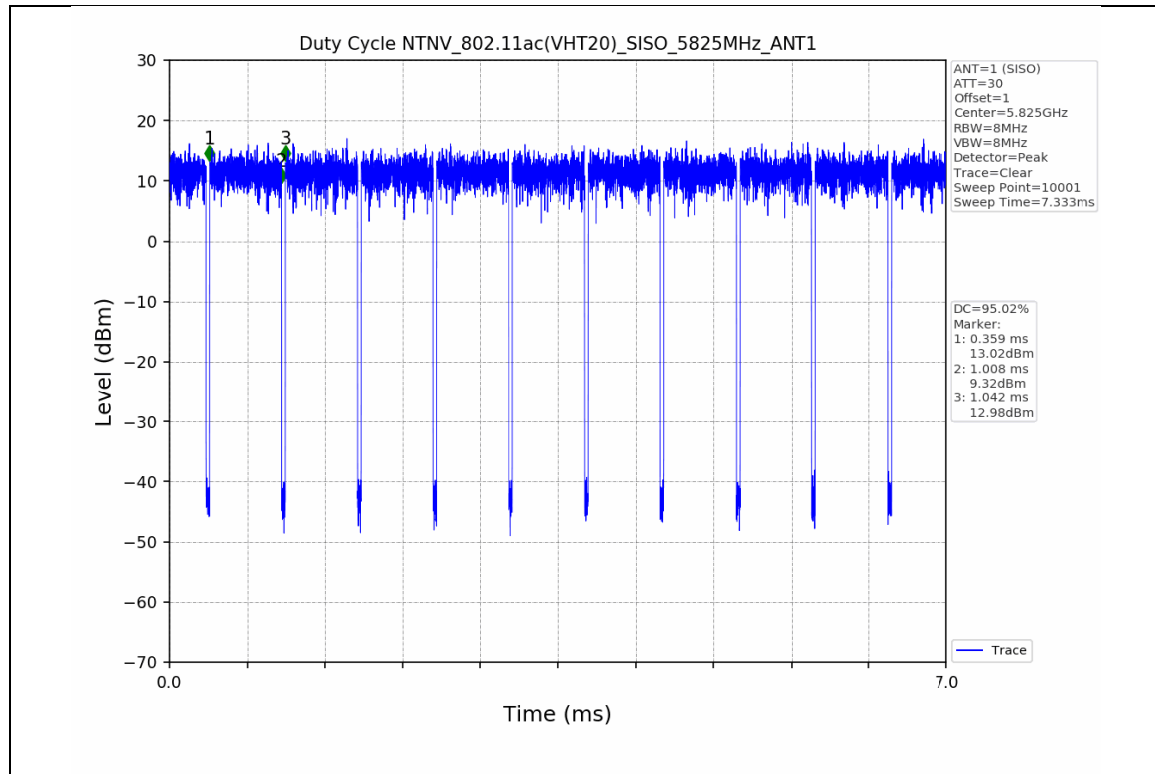


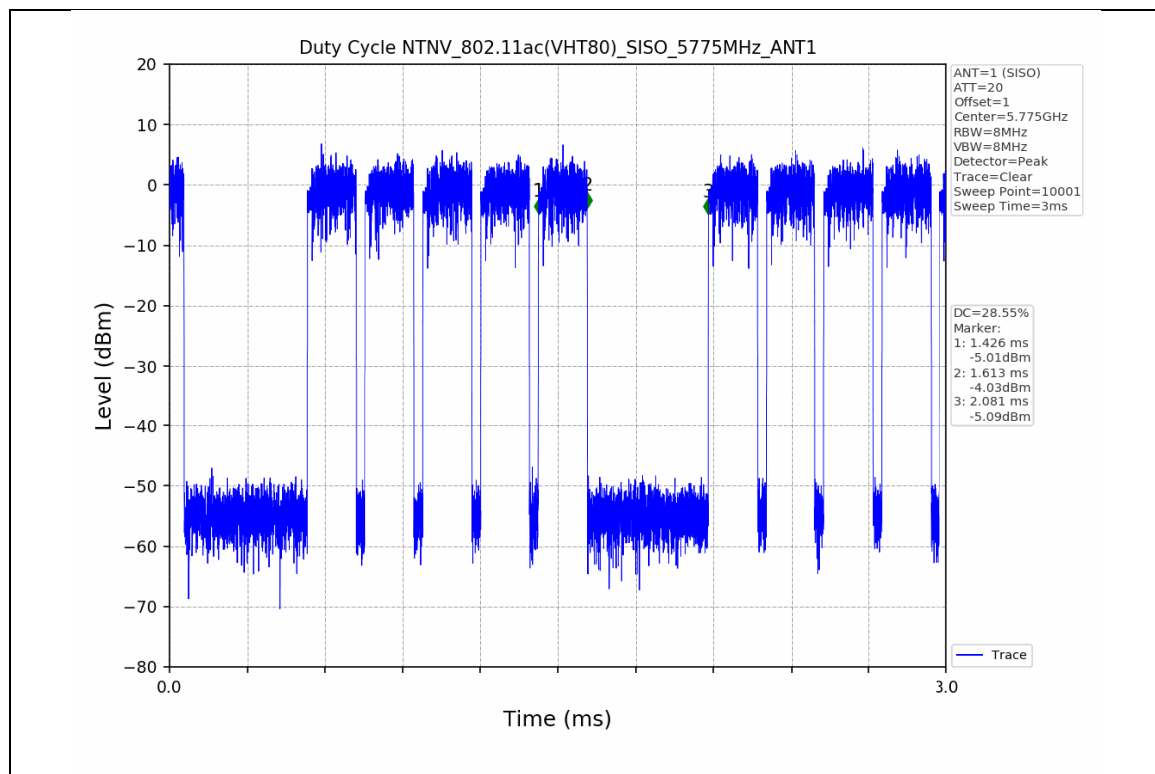
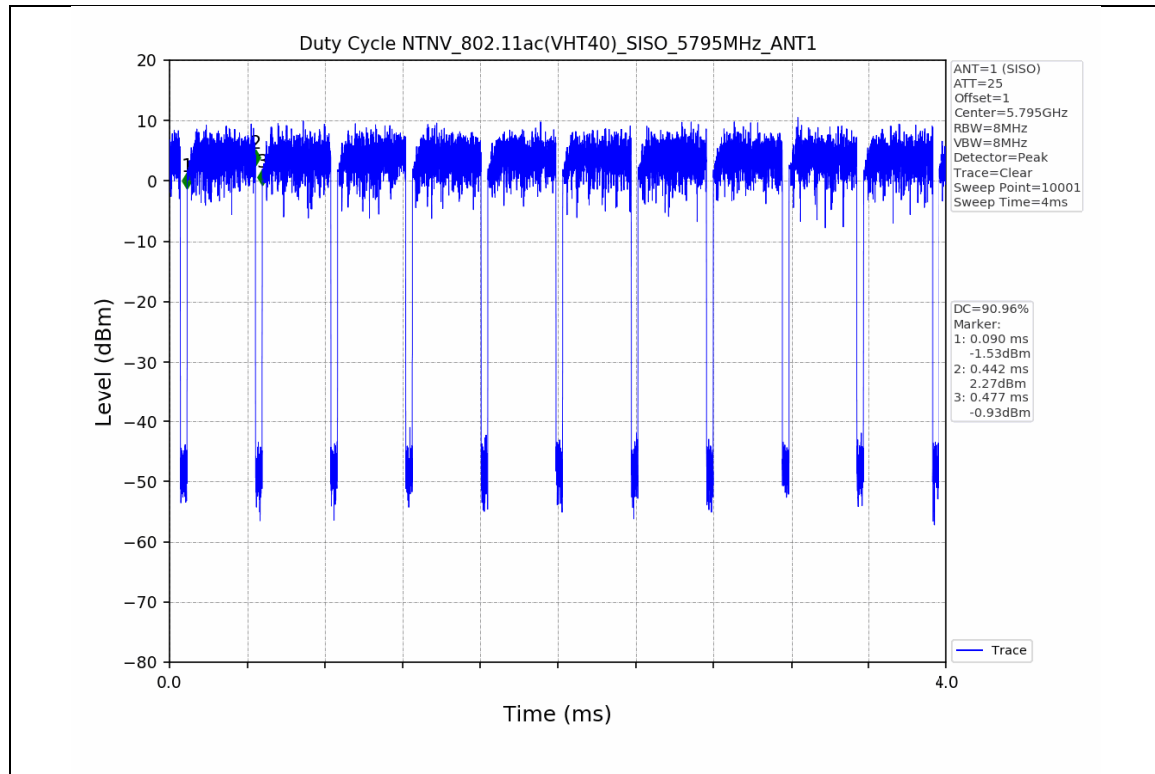












2. Bandwidth

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	14.261	≥0.5	PASS
	5785	SISO	1	15.138	≥0.5	PASS
	5825	SISO	1	15.155	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	16.373	≥0.5	PASS
	5785	SISO	1	16.527	≥0.5	PASS
	5825	SISO	1	16.347	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.083	≥0.5	PASS
	5795	SISO	1	35.340	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	15.140	≥0.5	PASS
	5785	SISO	1	15.762	≥0.5	PASS
	5825	SISO	1	15.163	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.316	≥0.5	PASS
	5795	SISO	1	35.214	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.912	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.453	Only for Report Use
	5785	SISO	1	16.459	Only for Report Use
	5825	SISO	1	16.429	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.539	Only for Report Use
	5785	SISO	1	17.548	Only for Report Use
	5825	SISO	1	17.532	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.712	Only for Report Use
	5795	SISO	1	36.733	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.626	Only for Report Use
	5785	SISO	1	17.603	Only for Report Use
	5825	SISO	1	17.634	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.354	Only for Report Use
	5795	SISO	1	36.391	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.859	Only for Report Use

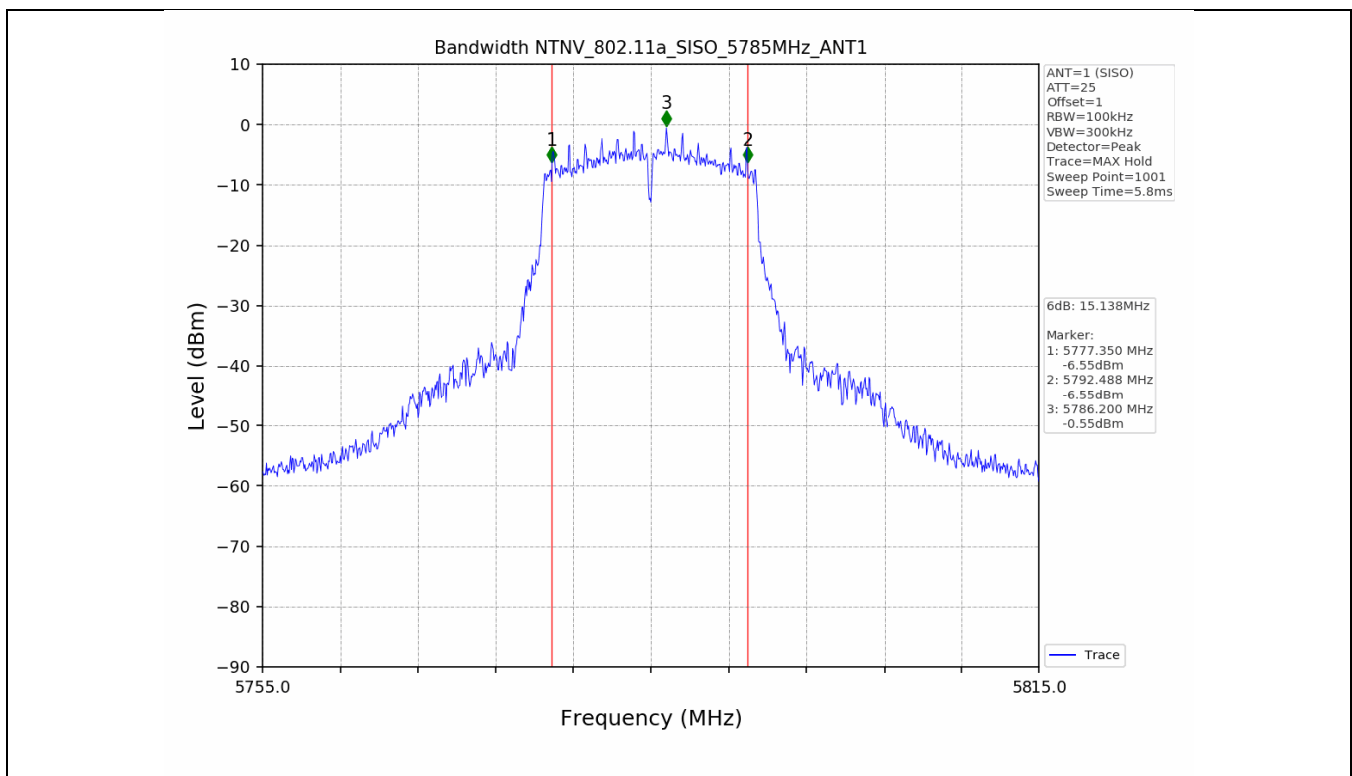
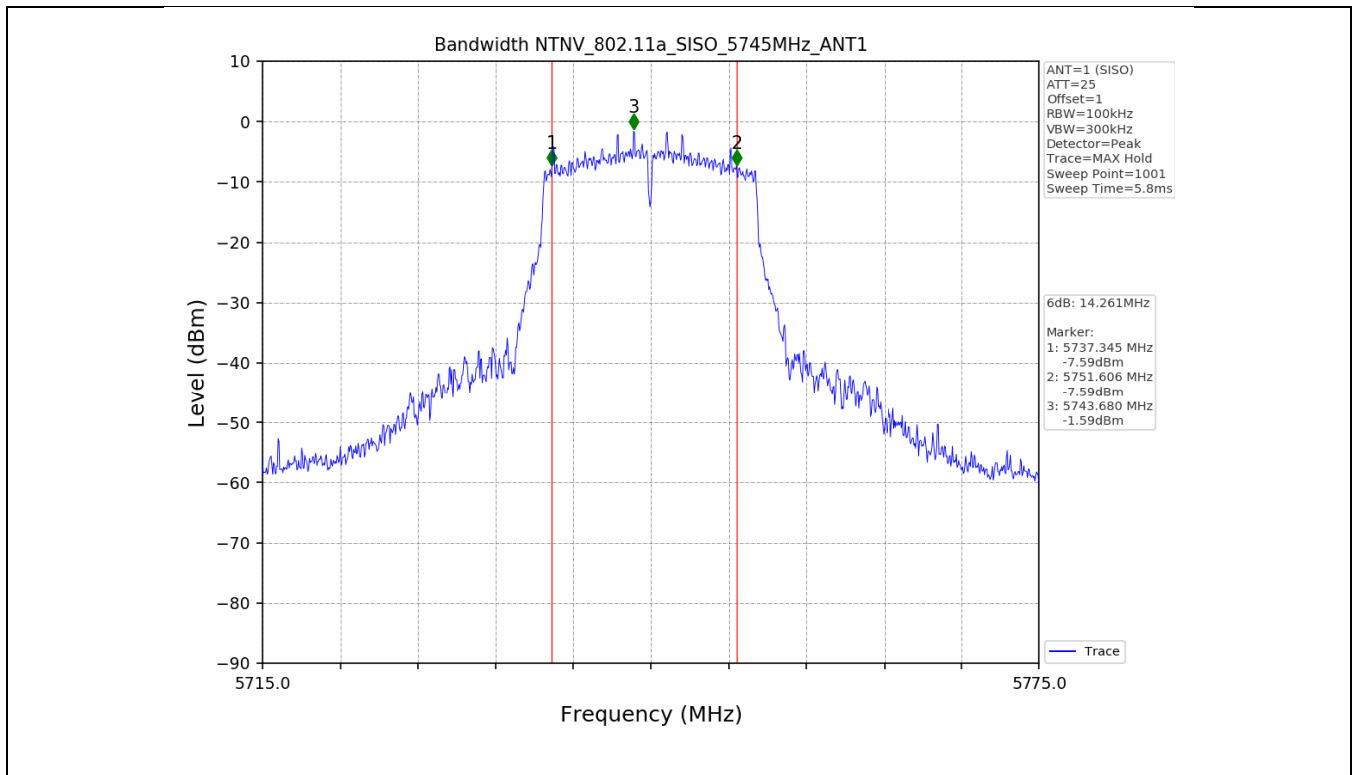
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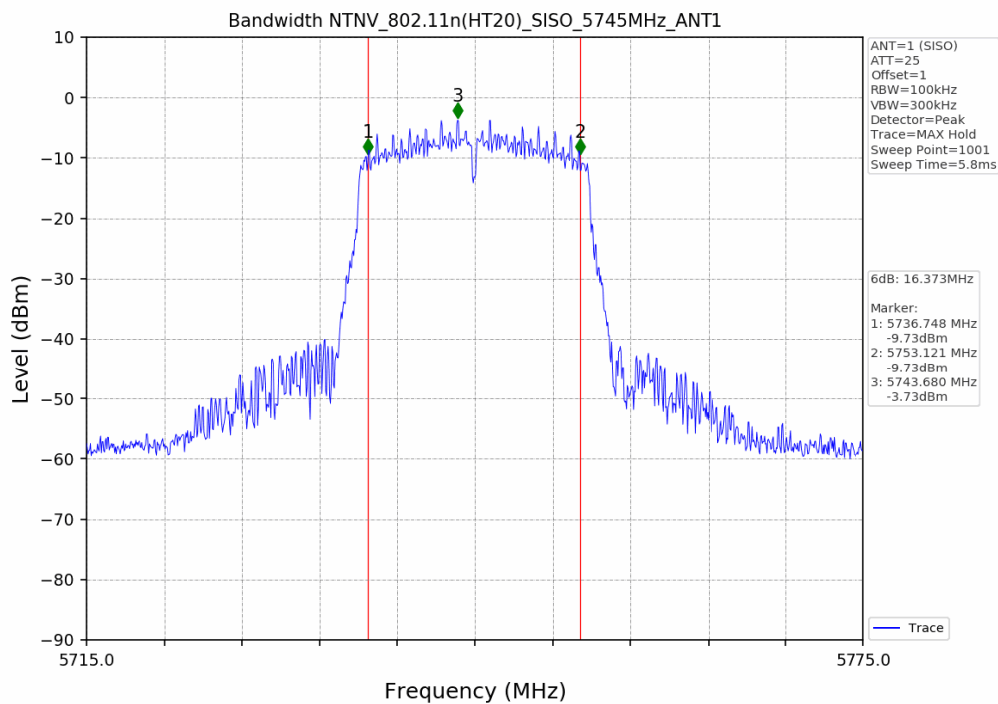
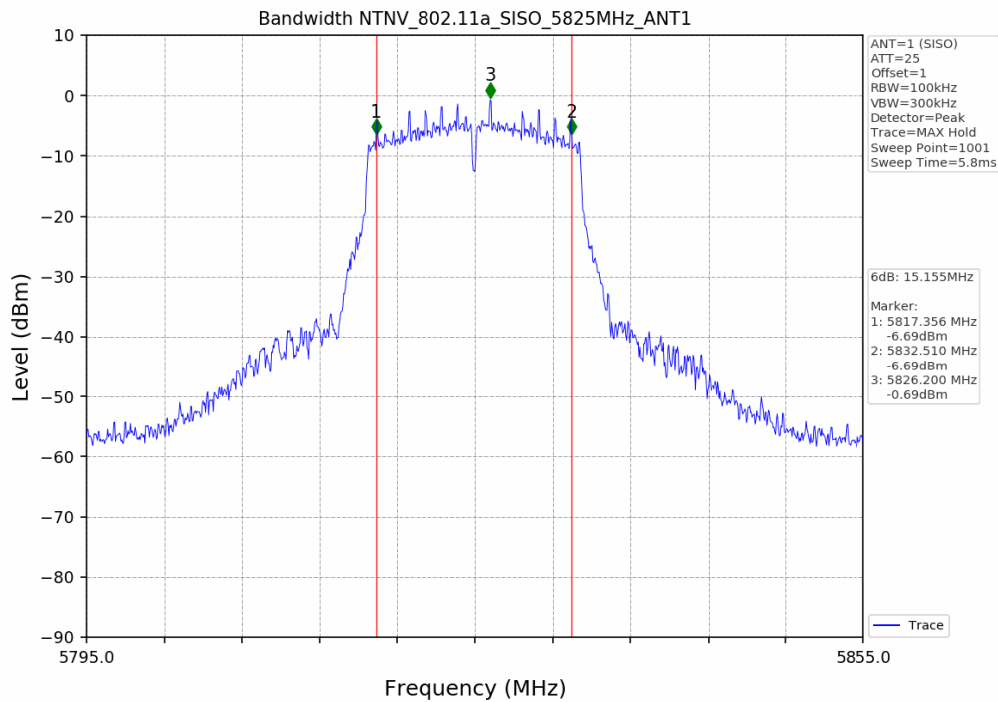
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	13.883	≥0.5	PASS
	5785	SISO	1	15.203	≥0.5	PASS
	5825	SISO	1	14.397	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.170	≥0.5	PASS
	5785	SISO	1	15.127	≥0.5	PASS
	5825	SISO	1	15.183	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.332	≥0.5	PASS
	5795	SISO	1	35.048	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	15.176	≥0.5	PASS
	5785	SISO	1	13.859	≥0.5	PASS
	5825	SISO	1	15.163	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.331	≥0.5	PASS
	5795	SISO	1	35.159	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.619	≥0.5	PASS

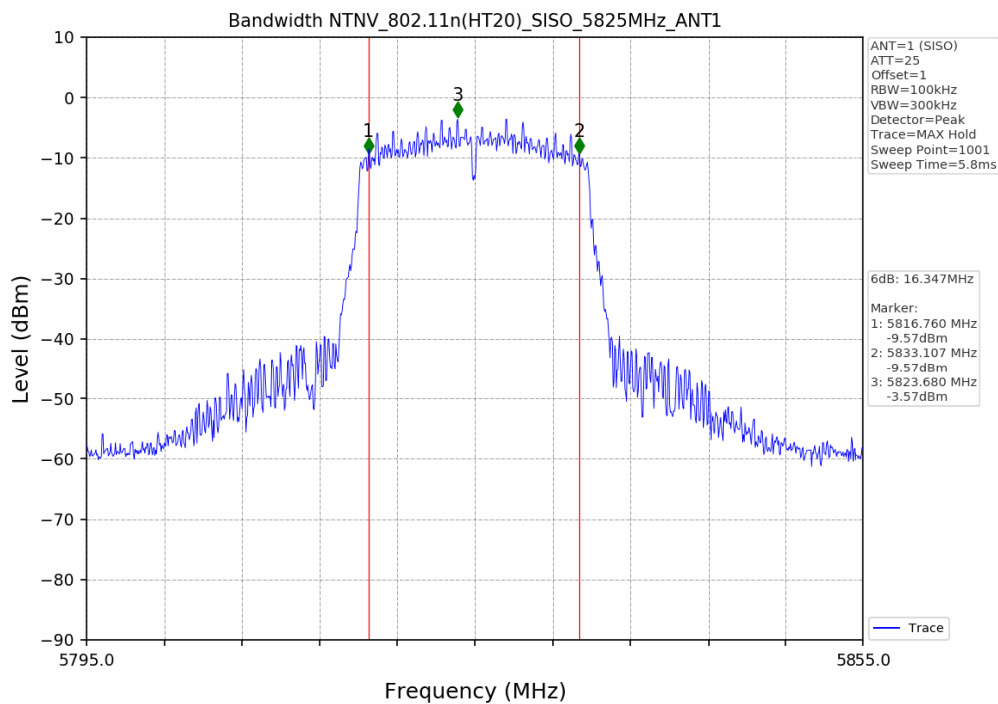
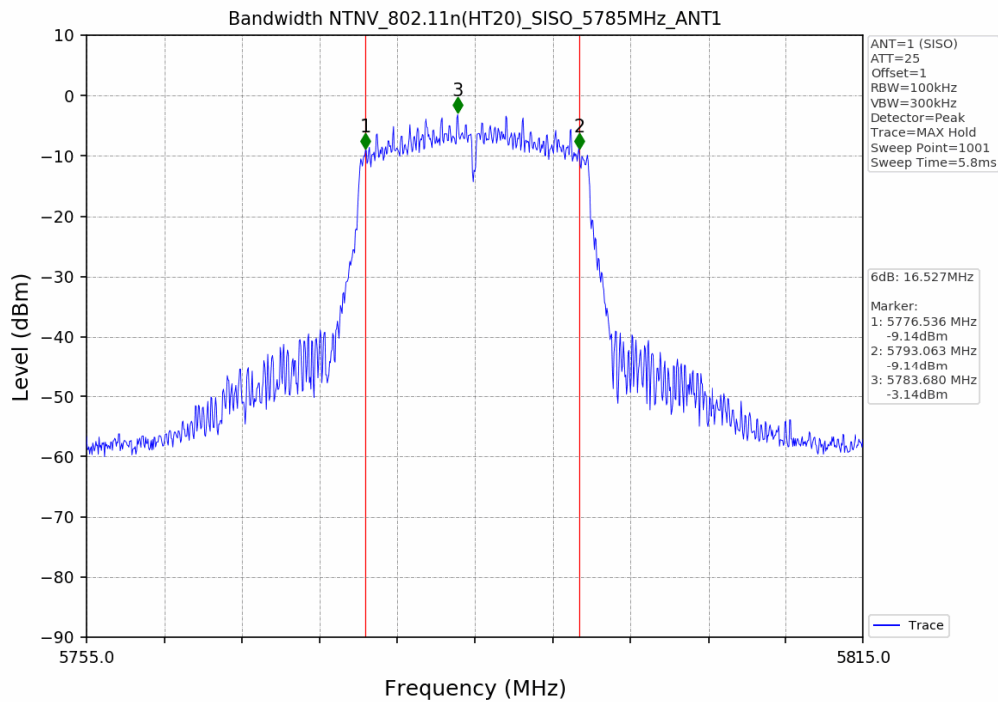
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.609	Only for Report Use
	5785	SISO	1	16.645	Only for Report Use
	5825	SISO	1	16.721	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.685	Only for Report Use
	5785	SISO	1	17.681	Only for Report Use
	5825	SISO	1	17.775	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.396	Only for Report Use
	5795	SISO	1	36.334	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.626	Only for Report Use
	5785	SISO	1	17.661	Only for Report Use
	5825	SISO	1	17.704	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.383	Only for Report Use
	5795	SISO	1	36.454	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.840	Only for Report Use

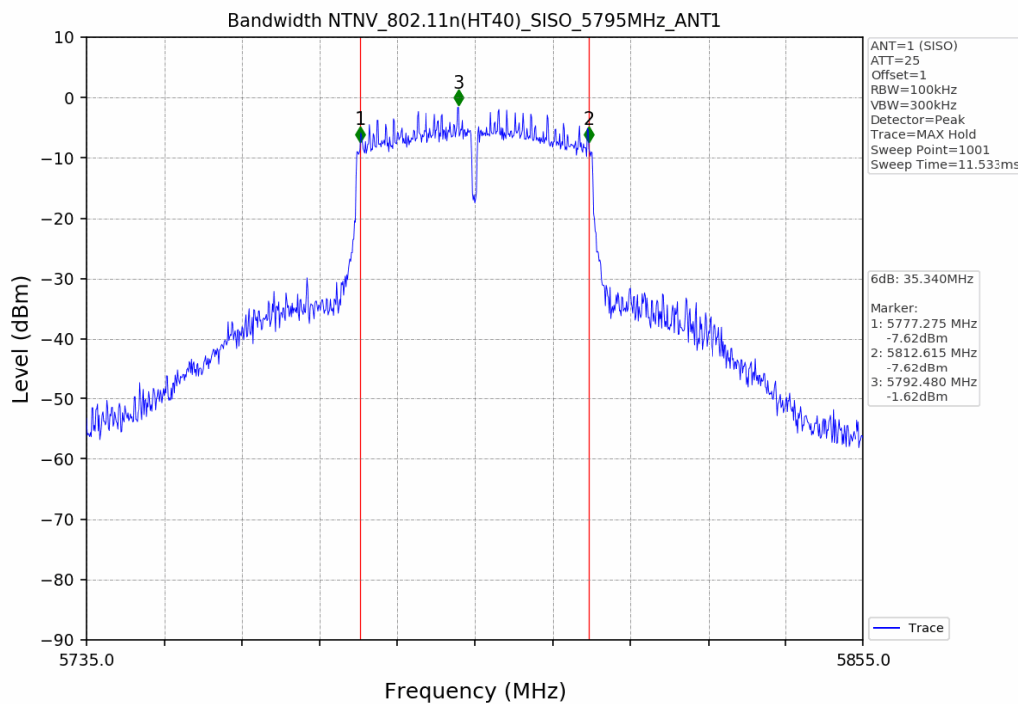
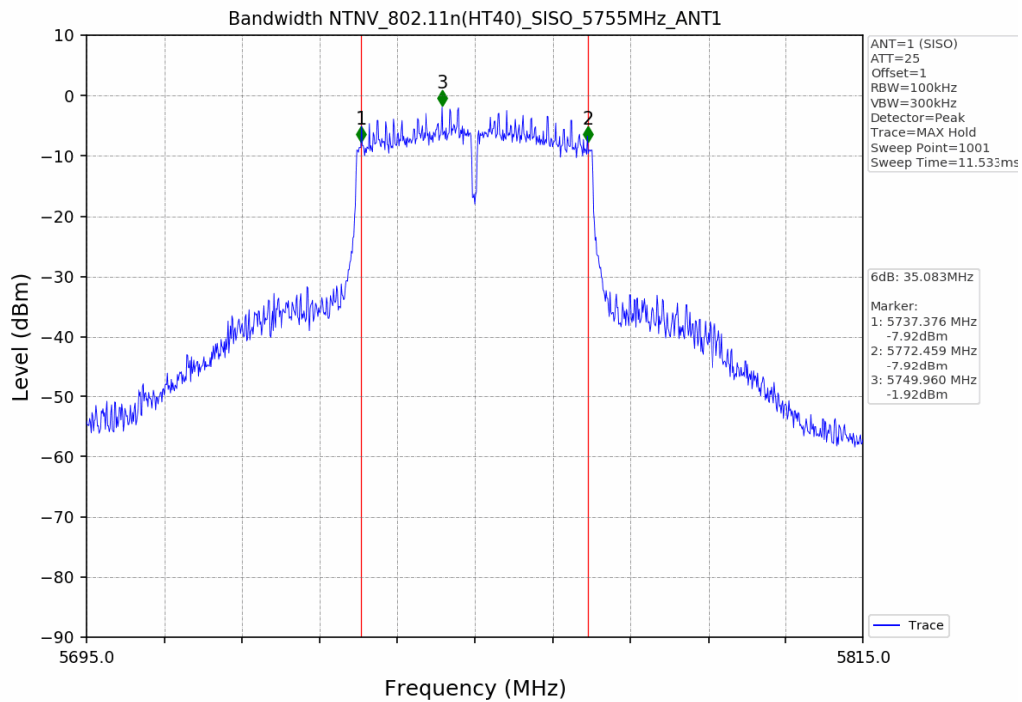
2.2 Test Graph - Emission Bandwidth

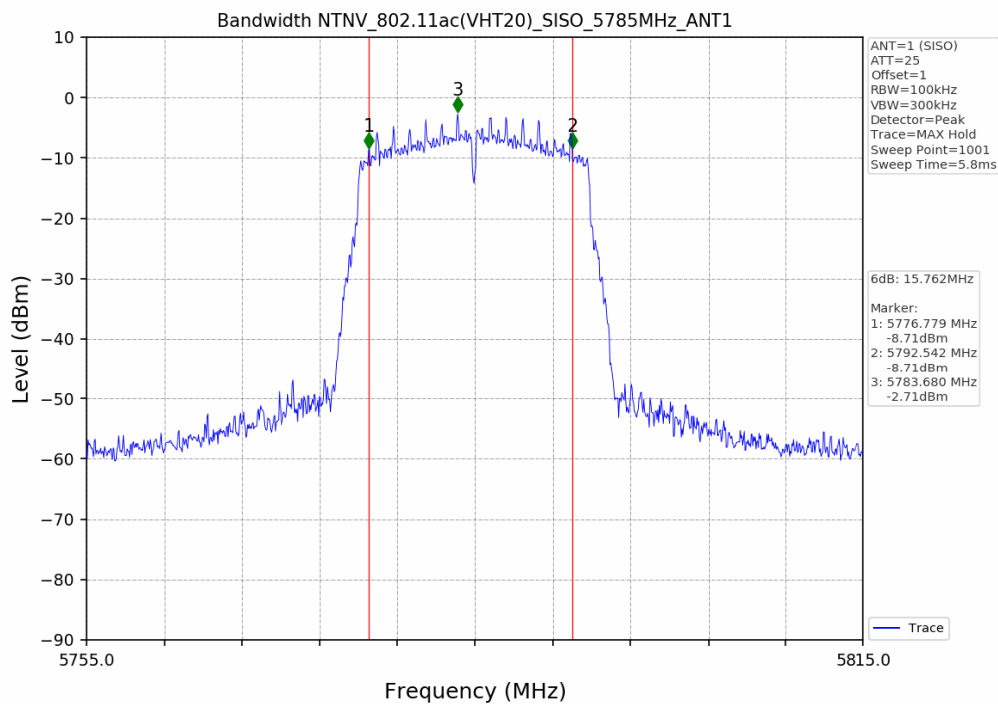
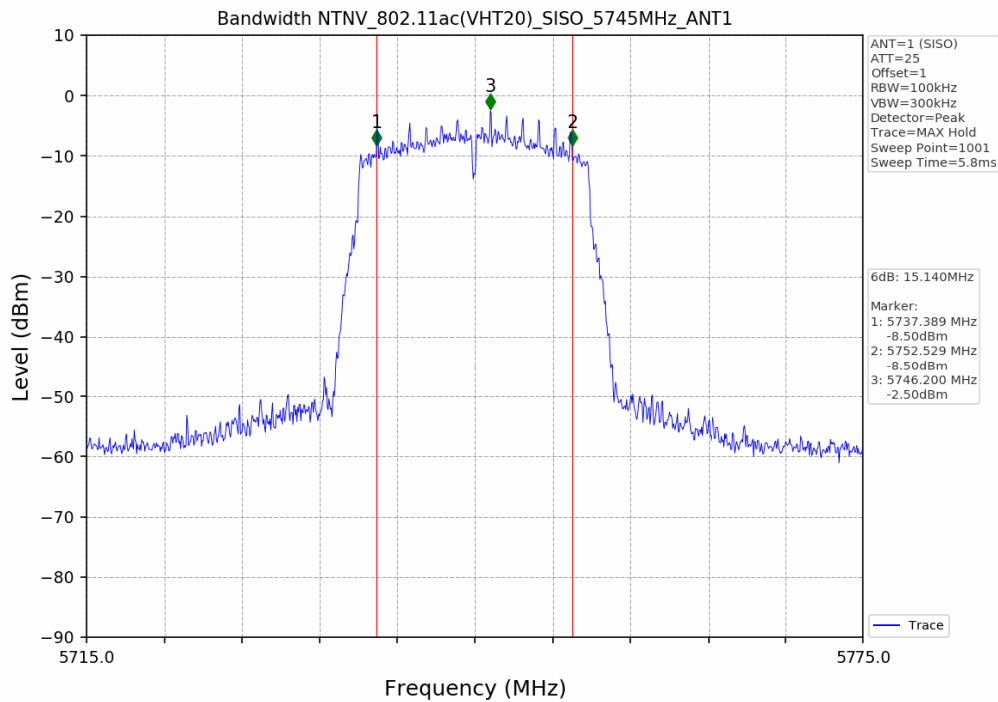
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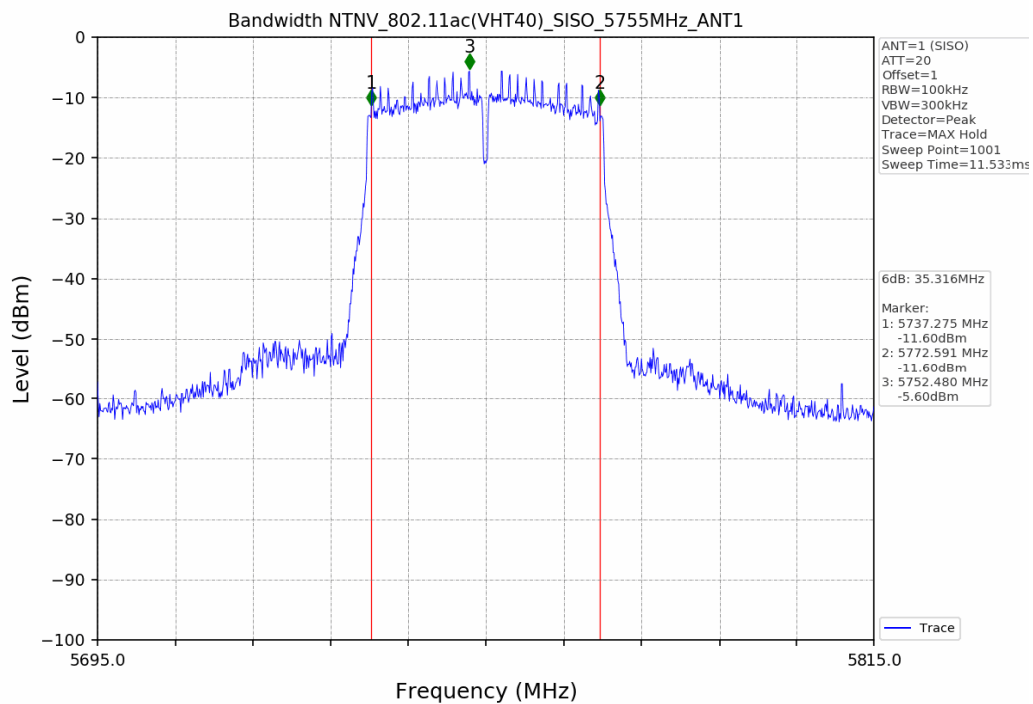
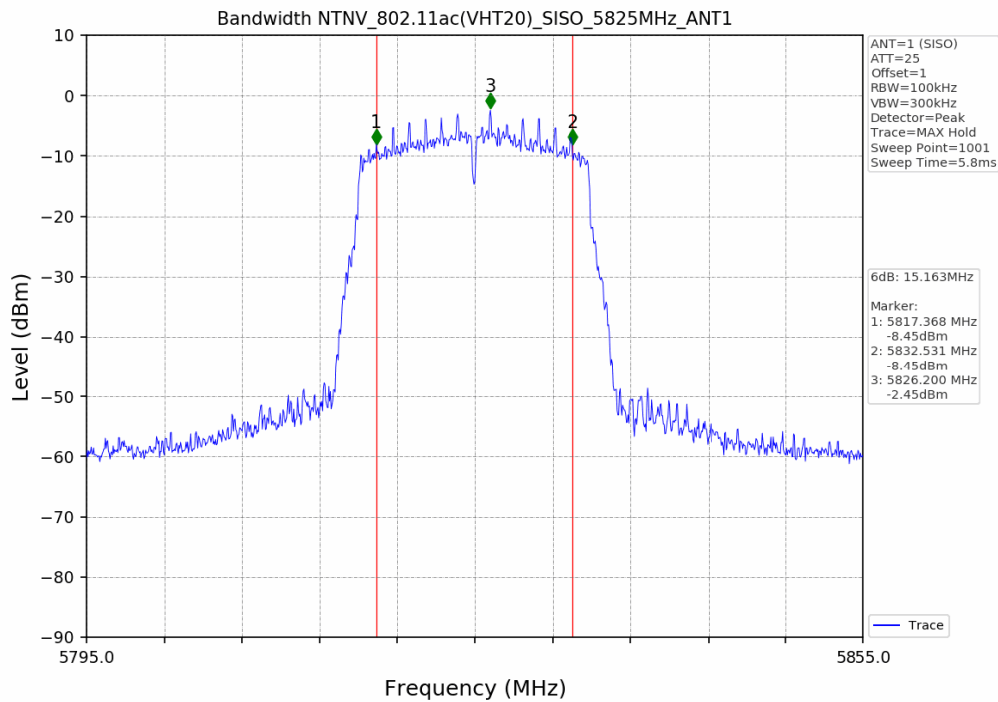


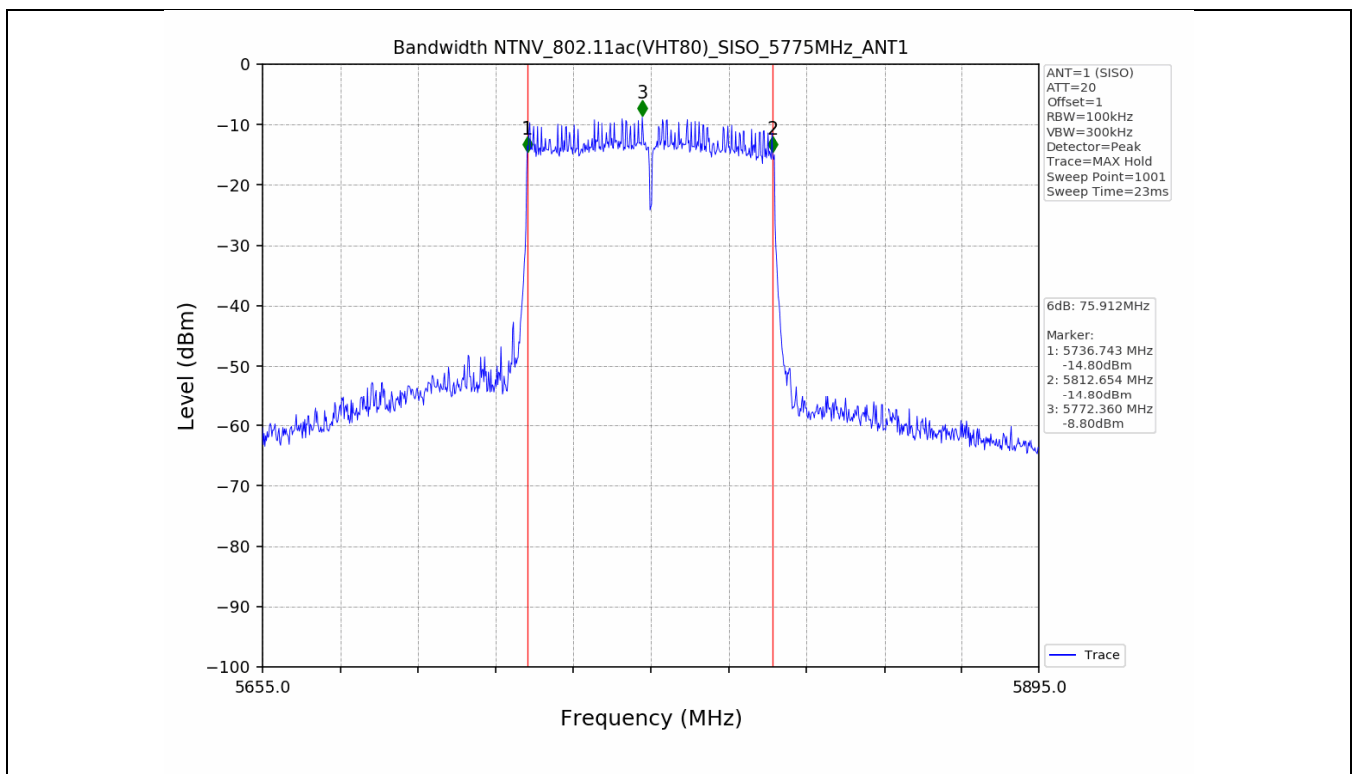
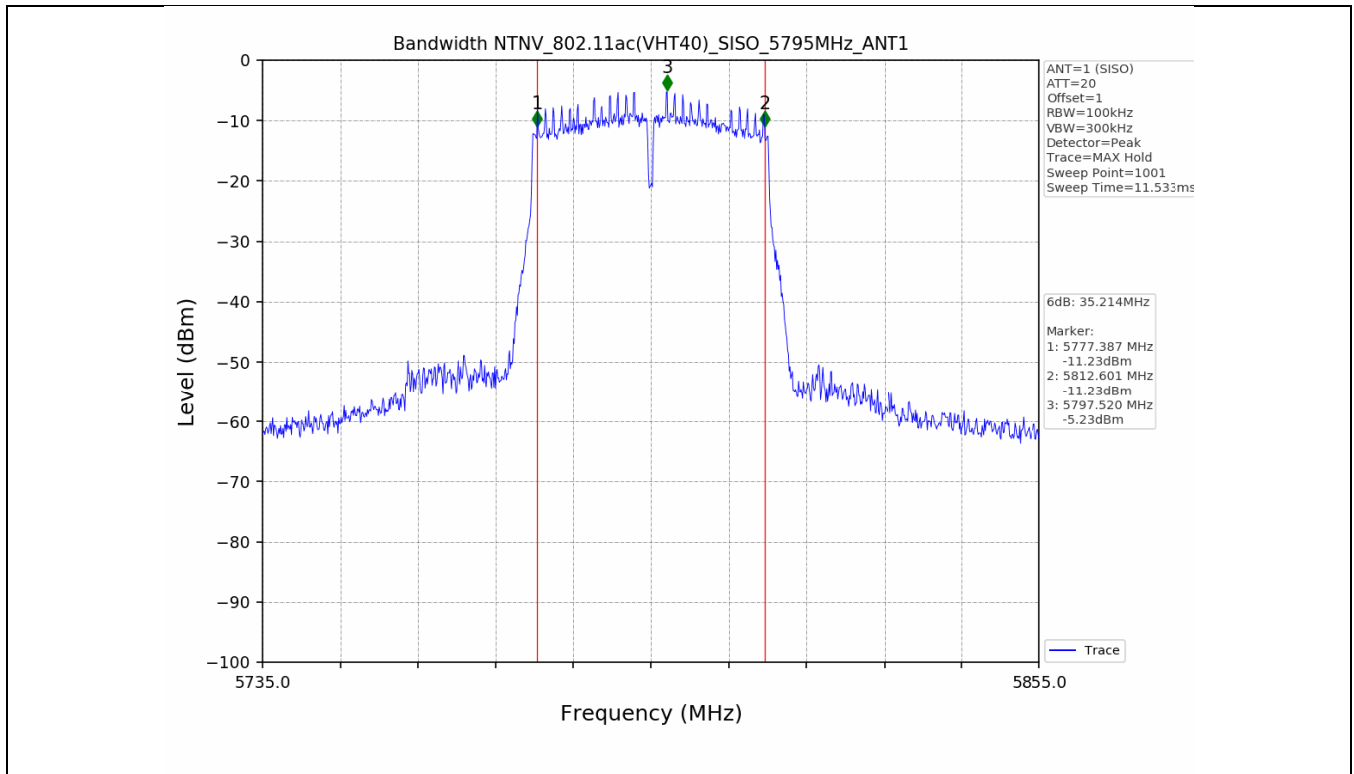












ANT 2:

