

Appendix for 15.407

1. Duty Cycle

1.1 Test Result

ANT 1:

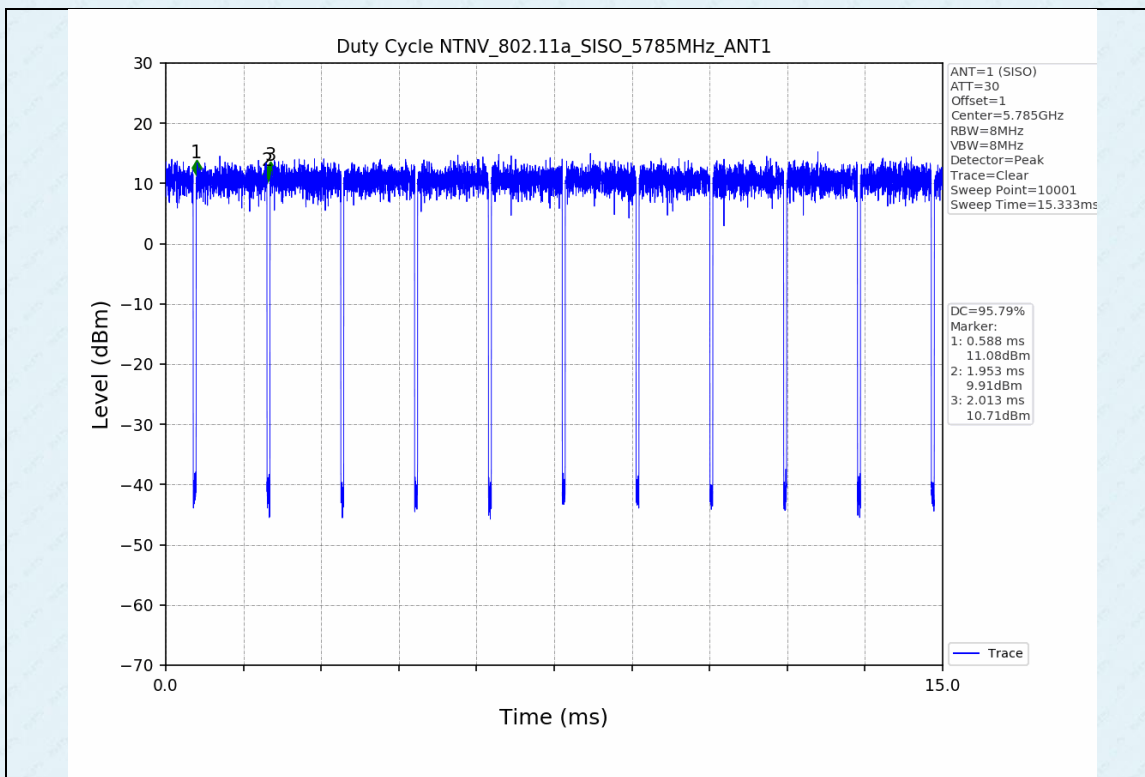
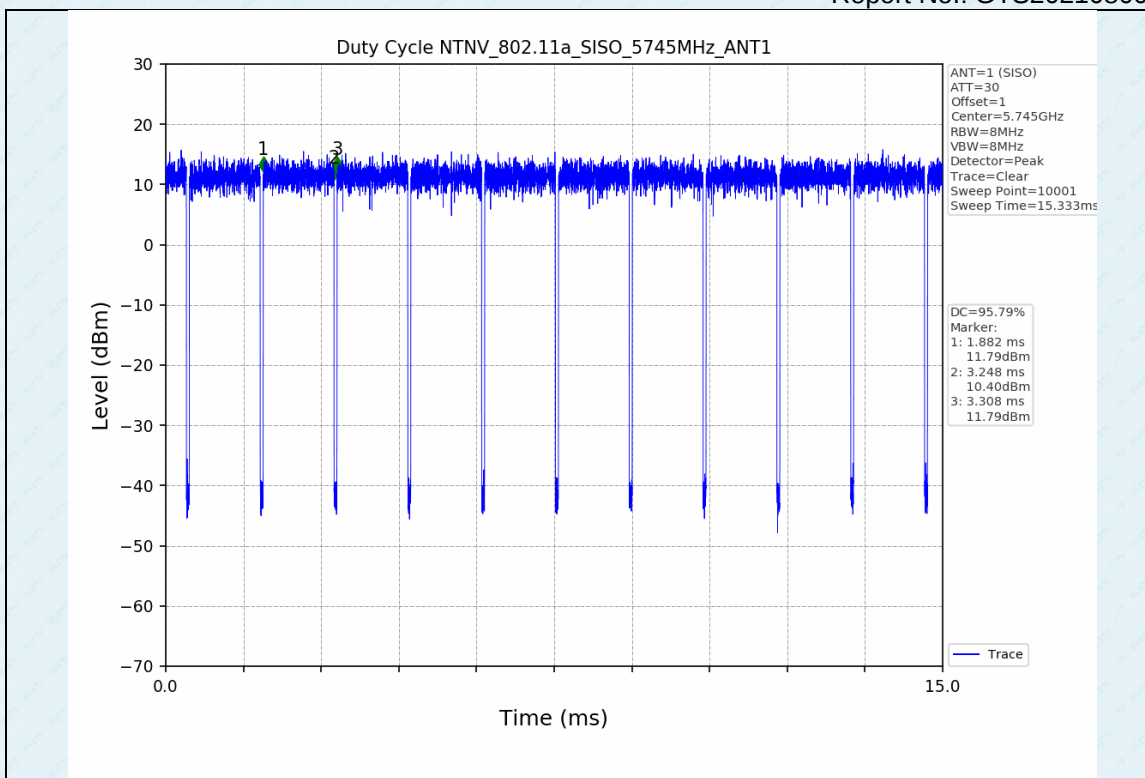
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.366	1.426	95.79	0.19
	5785	SISO	1	1.365	1.425	95.79	0.19
	5825	SISO	1	1.365	1.425	95.79	0.19
802.11n(HT20)	5745	SISO	1	1.307	1.369	95.47	0.20
	5785	SISO	1	1.307	1.369	95.47	0.20
	5825	SISO	1	1.308	1.370	95.47	0.20
802.11n(HT40)	5755	SISO	1	0.618	0.675	91.56	0.38
	5795	SISO	1	0.618	0.676	91.42	0.39
802.11ac(VHT20)	5745	SISO	1	0.684	0.744	91.94	0.36
	5785	SISO	1	0.684	0.745	91.81	0.37
	5825	SISO	1	0.684	0.745	91.81	0.37
802.11ac(VHT40)	5755	SISO	1	0.352	0.412	85.44	0.68
	5795	SISO	1	0.351	0.412	85.19	0.70
802.11ac(VHT80)	5775	SISO	1	0.189	0.247	76.52	1.16

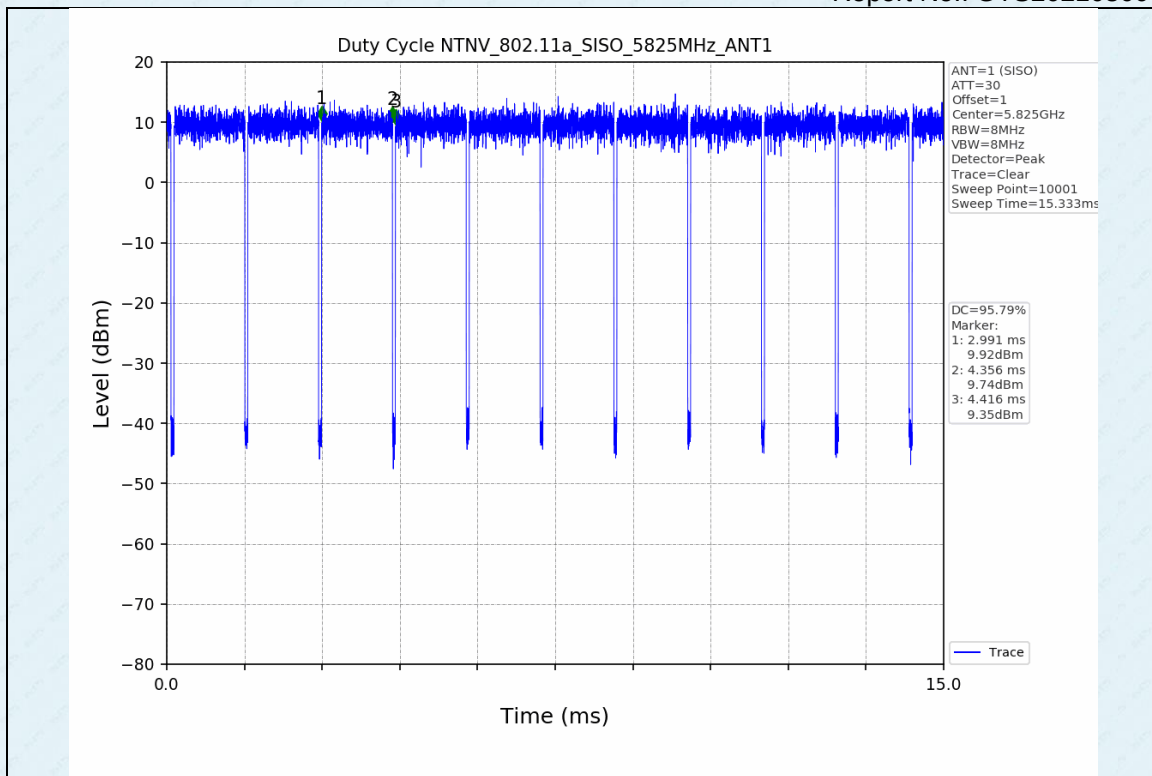
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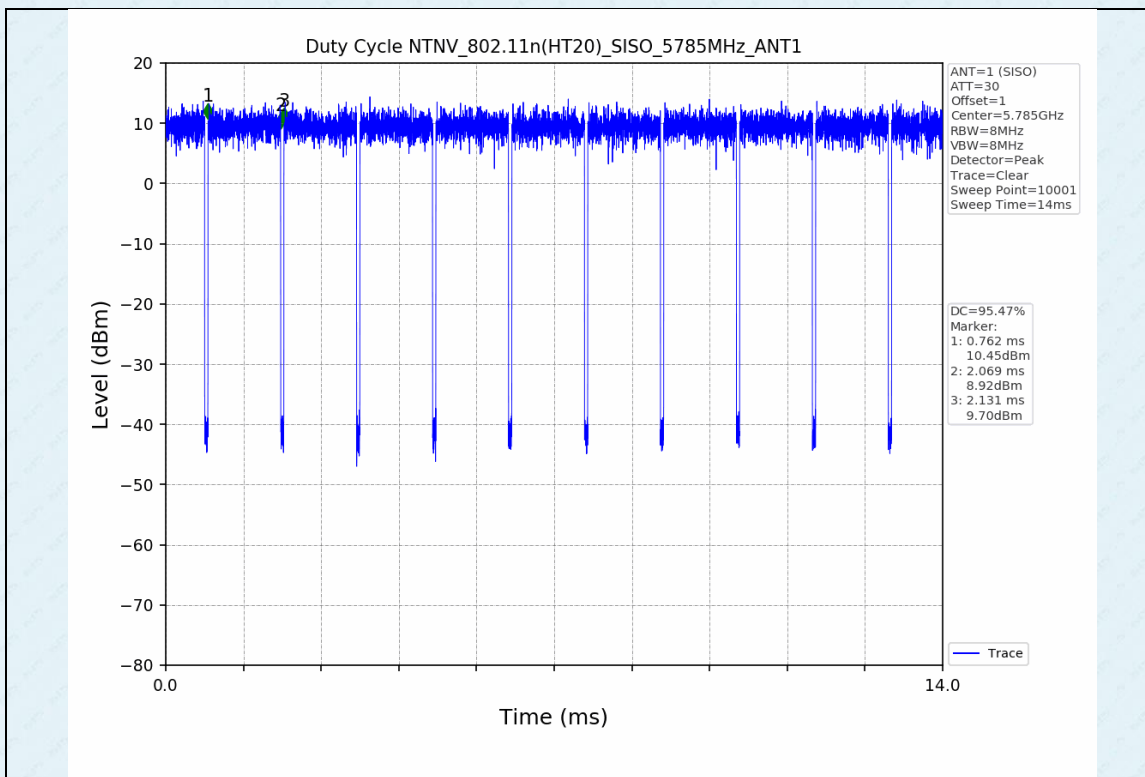
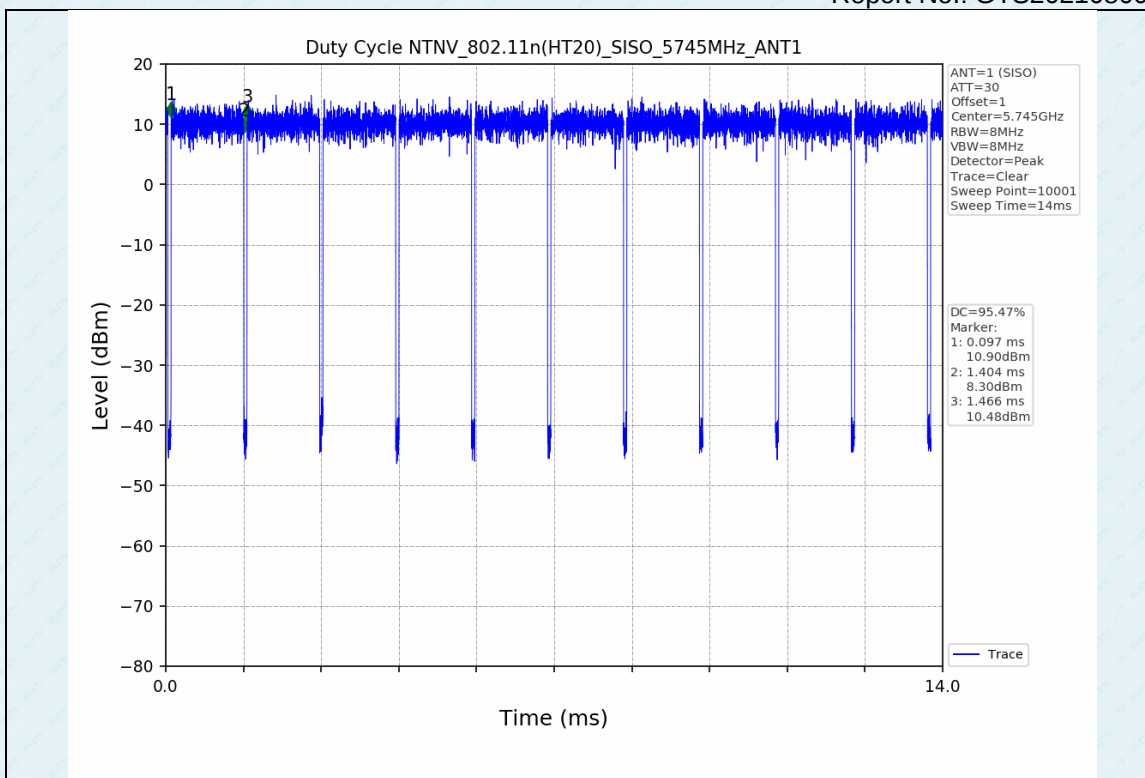
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5745	SISO	1	1.365	1.425	95.79	0.19
	5785	SISO	1	1.365	1.425	95.79	0.19
	5825	SISO	1	1.365	1.425	95.79	0.19
802.11n(HT20)	5745	SISO	1	1.307	1.369	95.47	0.20
	5785	SISO	1	1.308	1.369	95.54	0.20
	5825	SISO	1	1.307	1.369	95.47	0.20
802.11n(HT40)	5755	SISO	1	0.618	0.676	91.42	0.39
	5795	SISO	1	0.618	0.675	91.56	0.38
802.11ac(VHT20)	5745	SISO	1	0.684	0.745	91.81	0.37
	5785	SISO	1	0.684	0.745	91.81	0.37
	5825	SISO	1	0.684	0.745	91.81	0.37
802.11ac(VHT40)	5755	SISO	1	0.352	0.412	85.44	0.68
	5795	SISO	1	0.352	0.412	85.44	0.68
802.11ac(VHT80)	5775	SISO	1	0.188	0.248	75.81	1.20

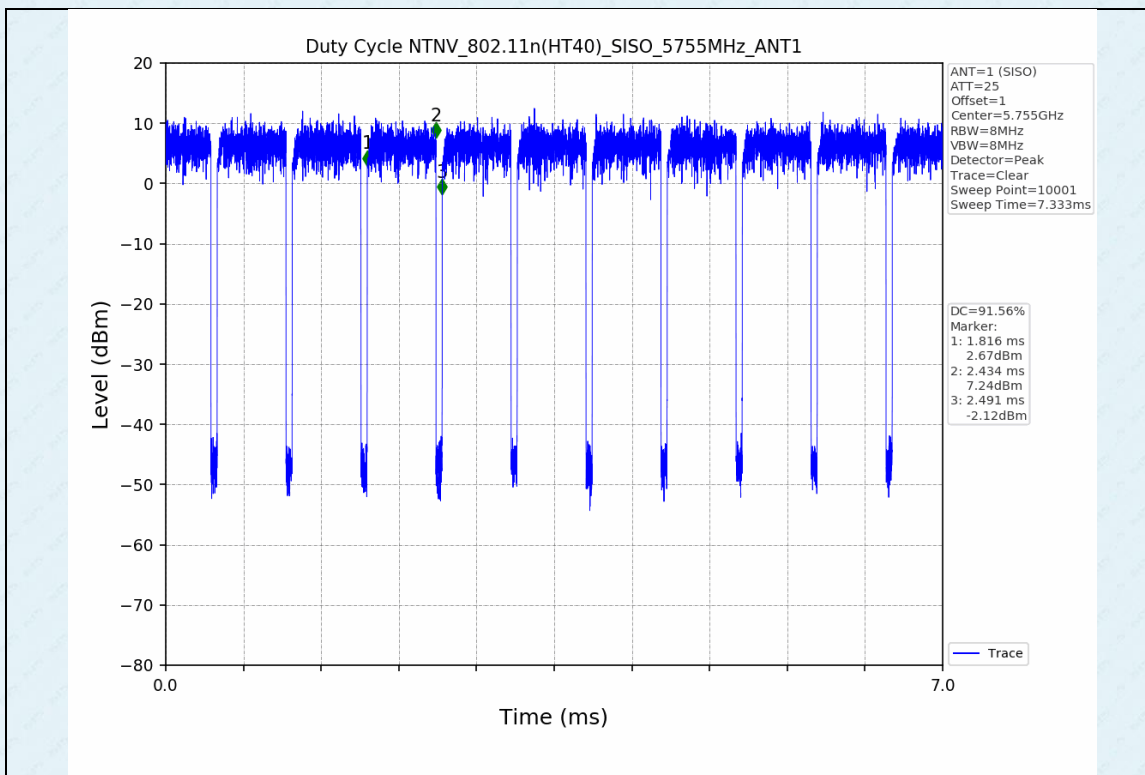
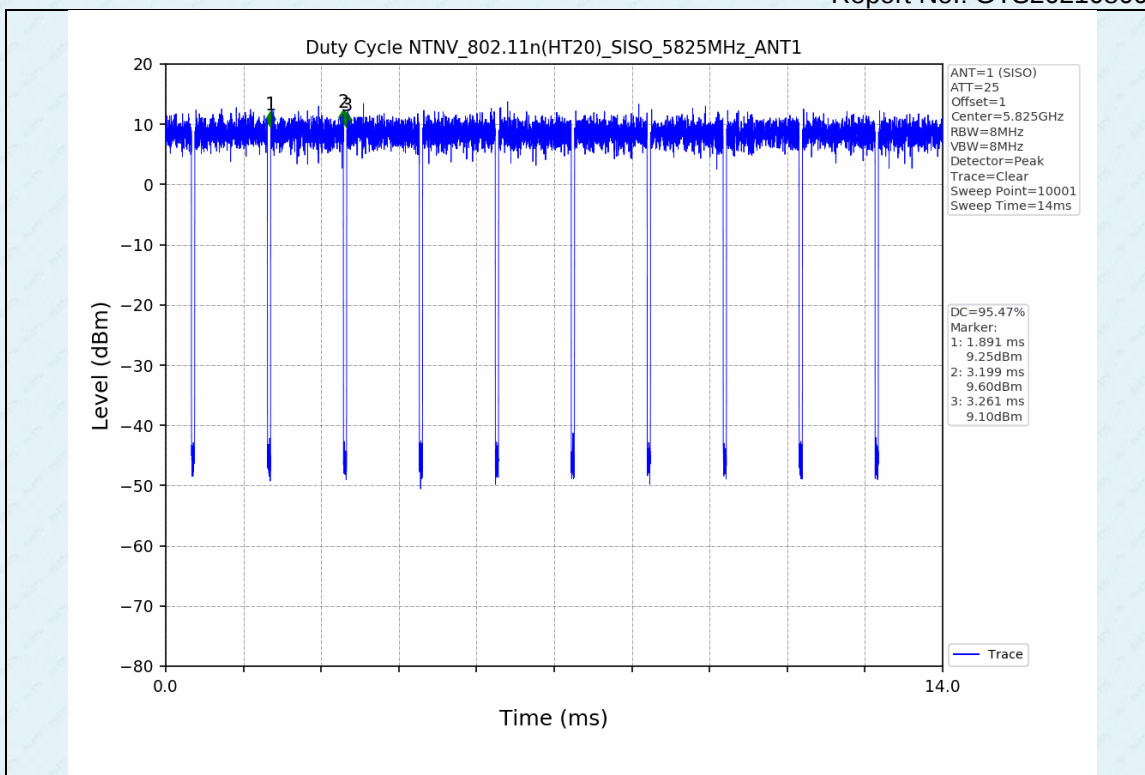
1.2 Test Graph

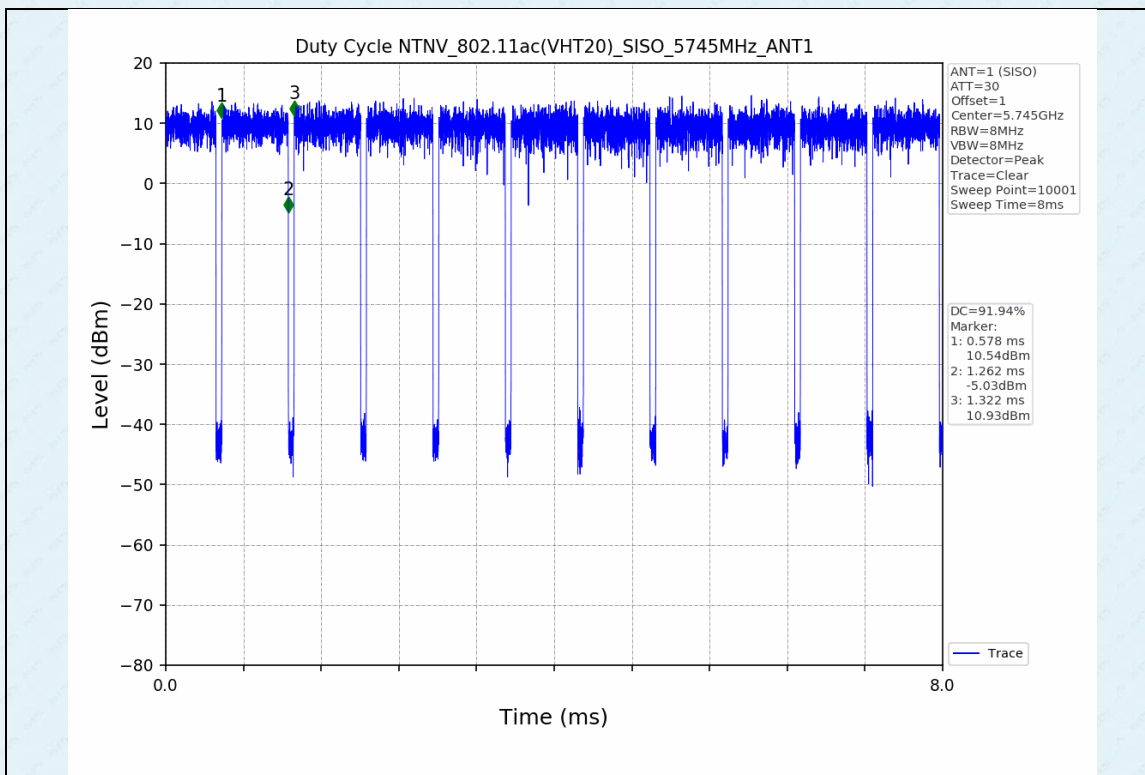
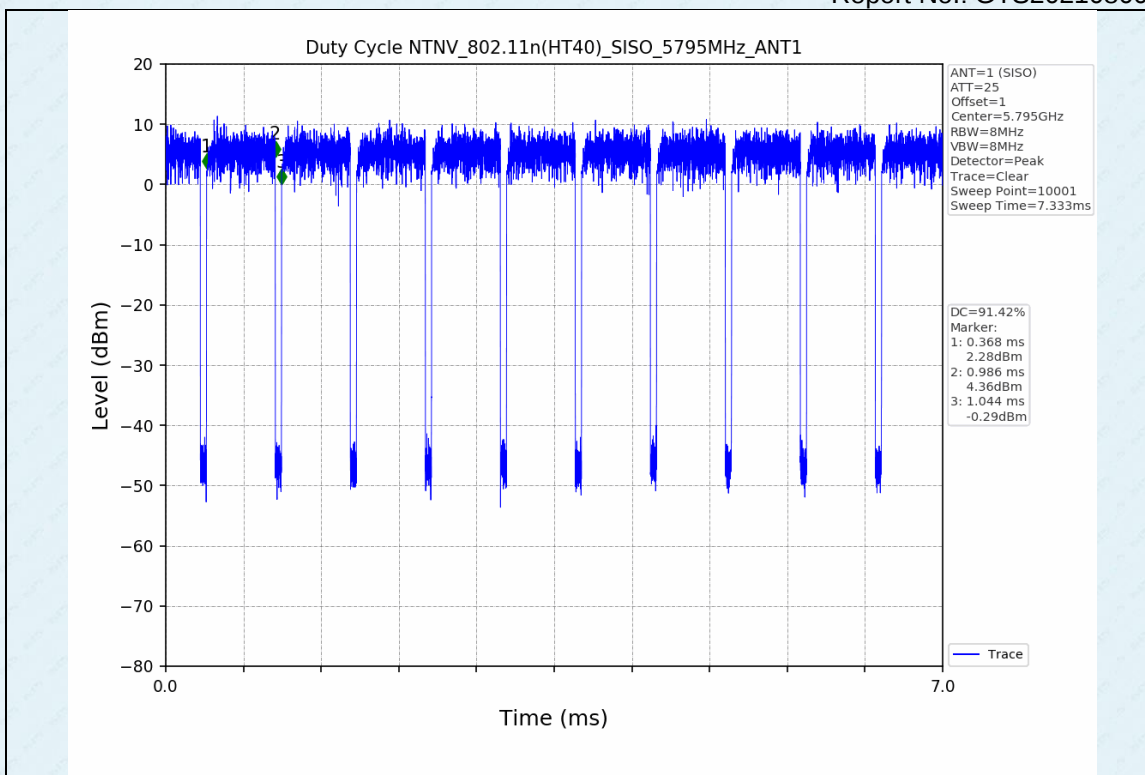
ANT 1:

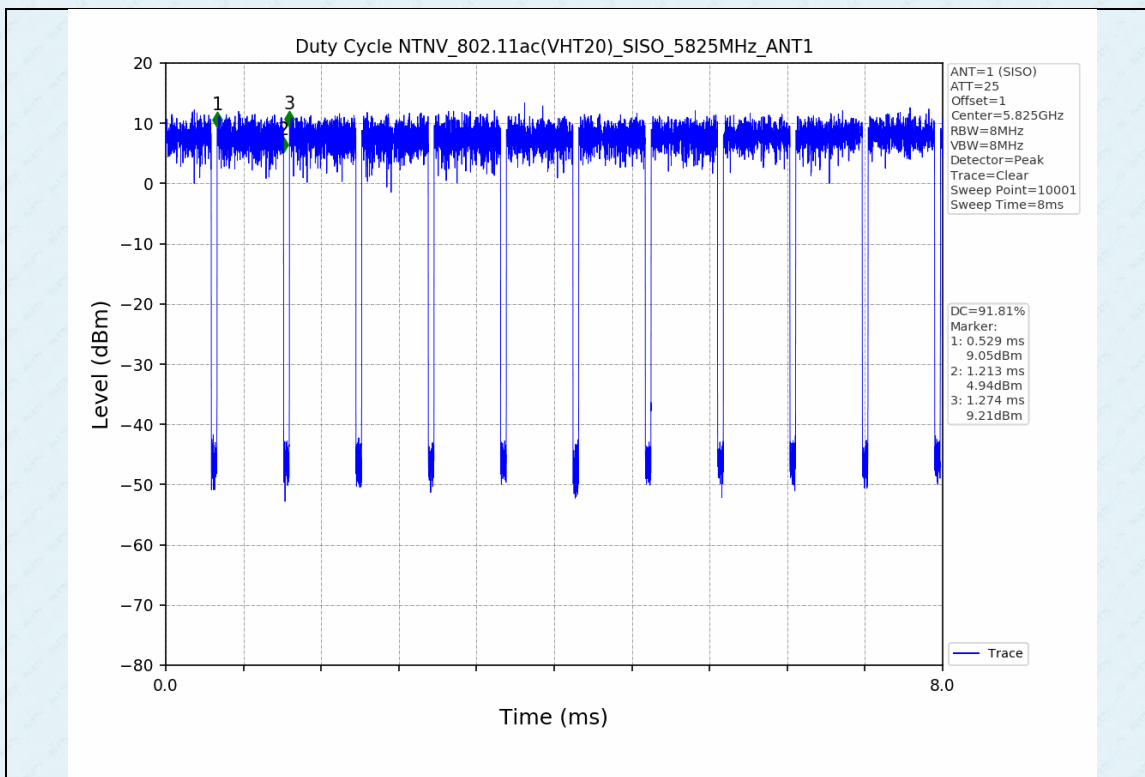
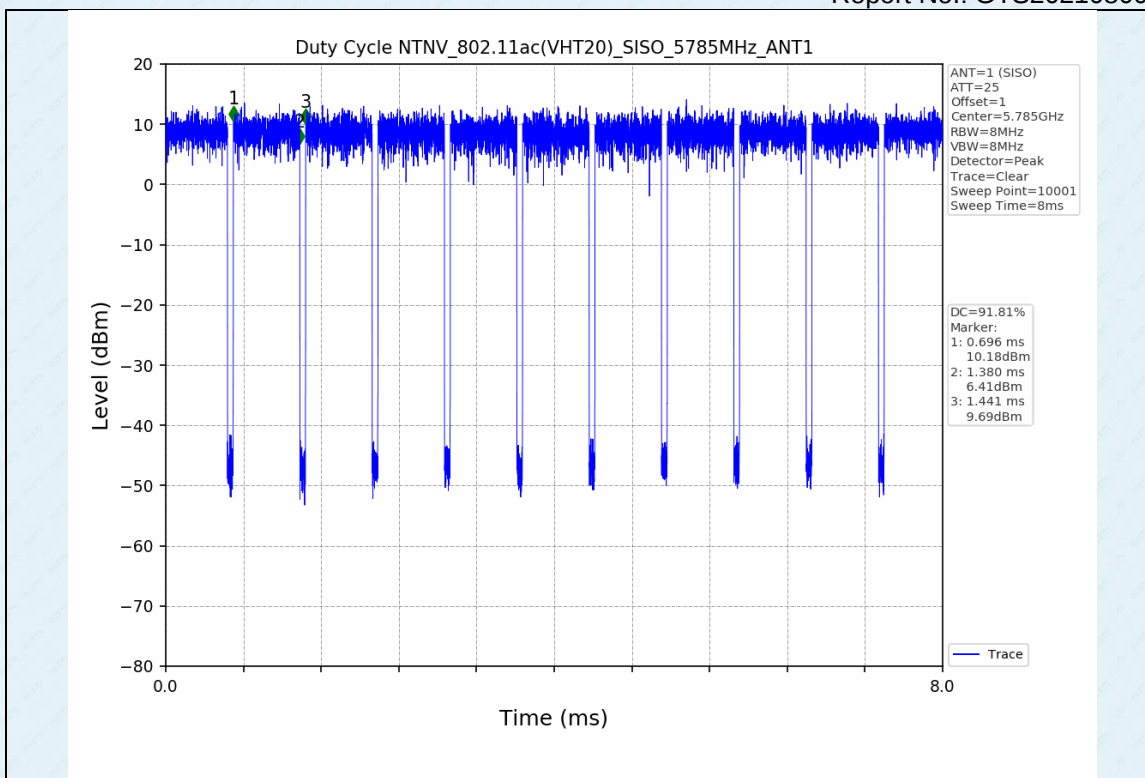


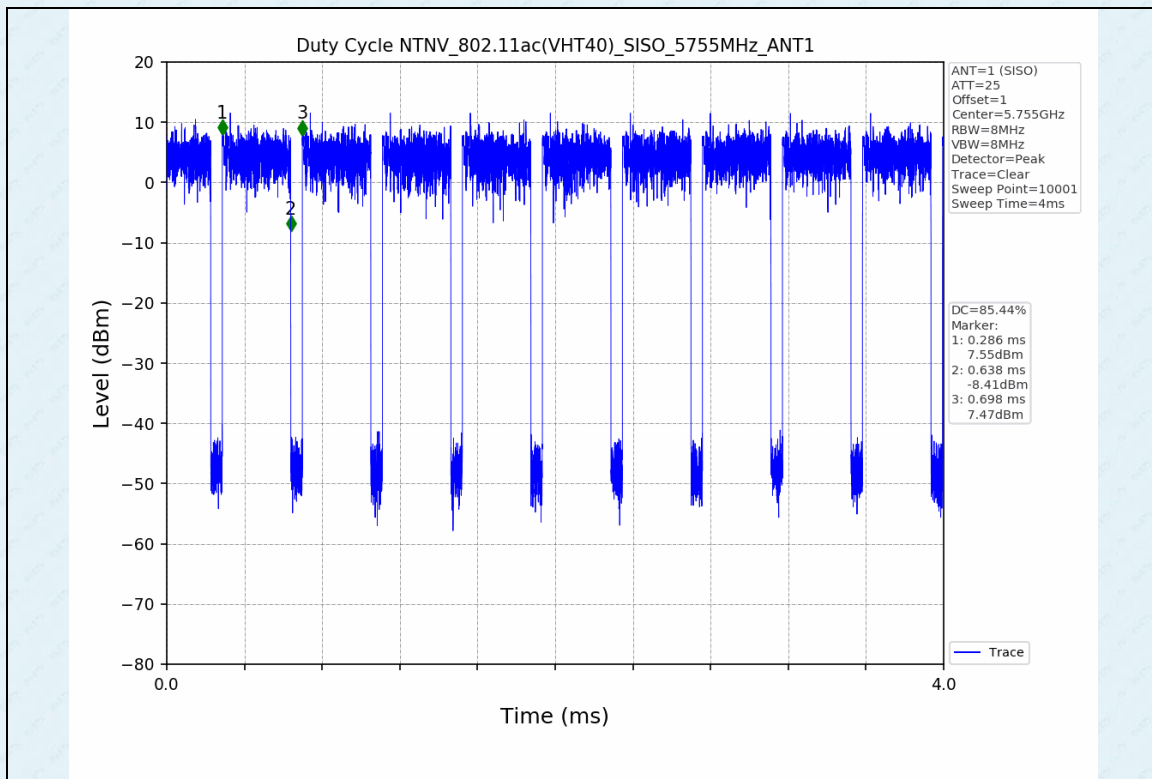


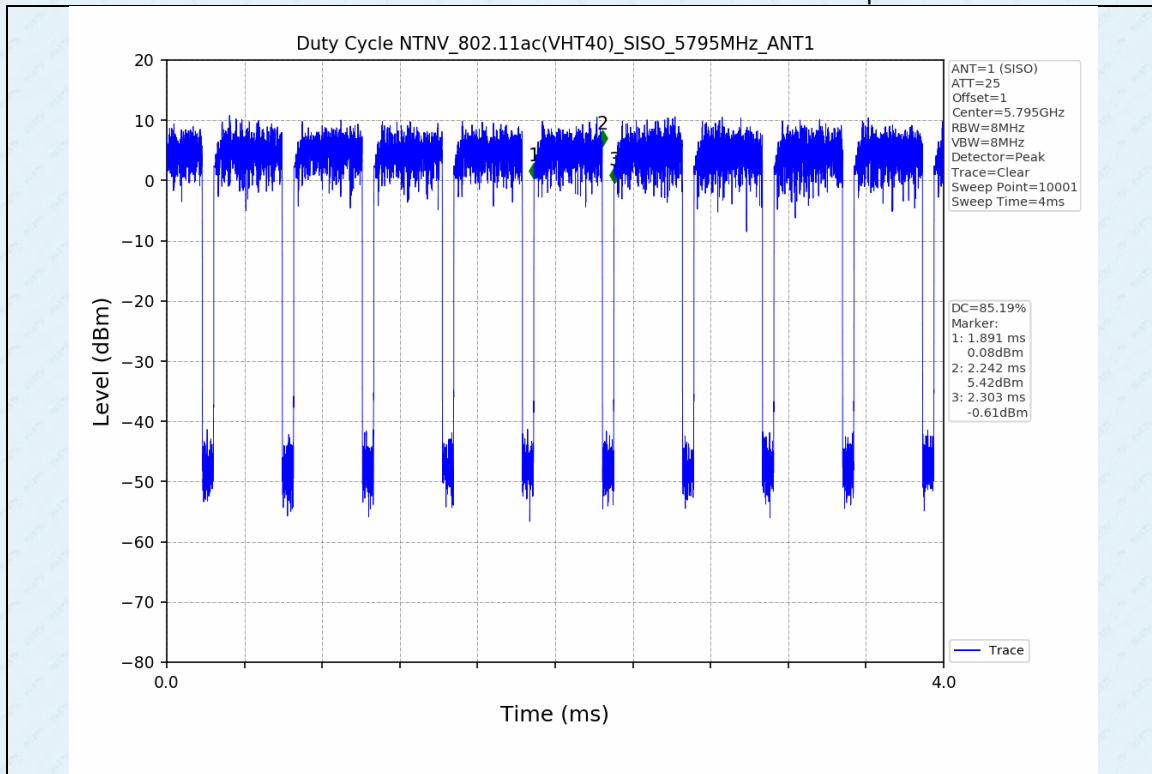


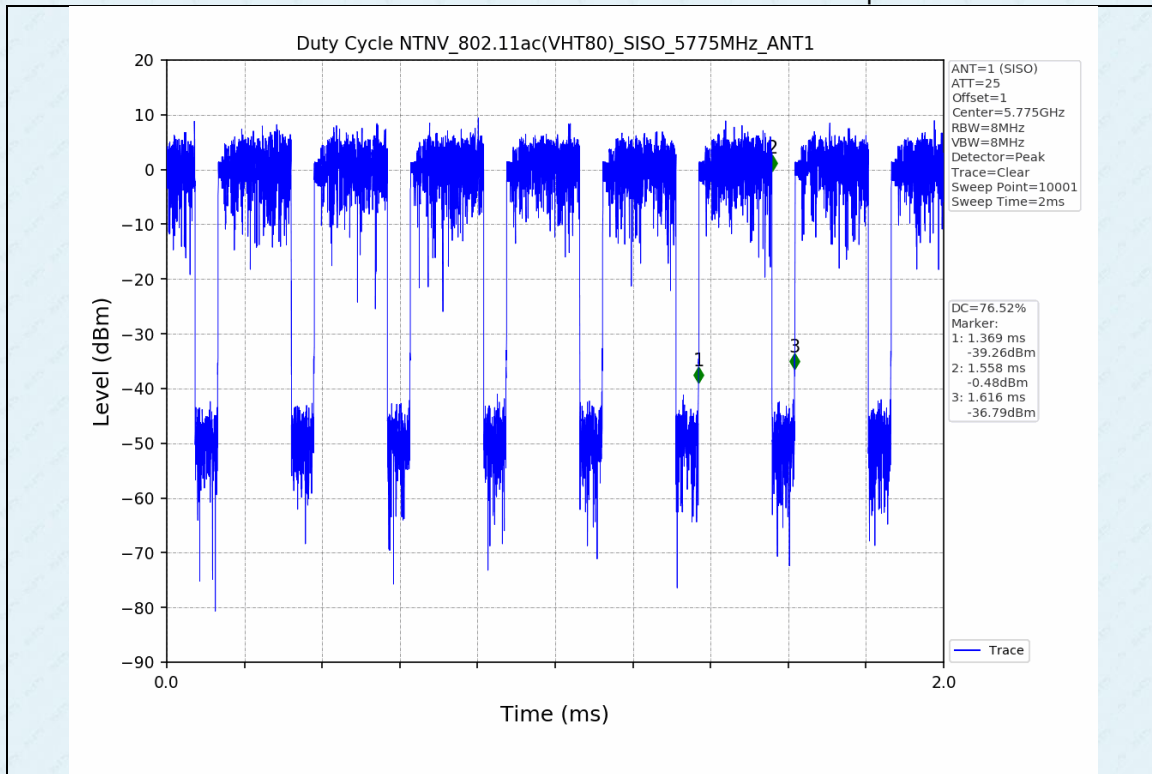




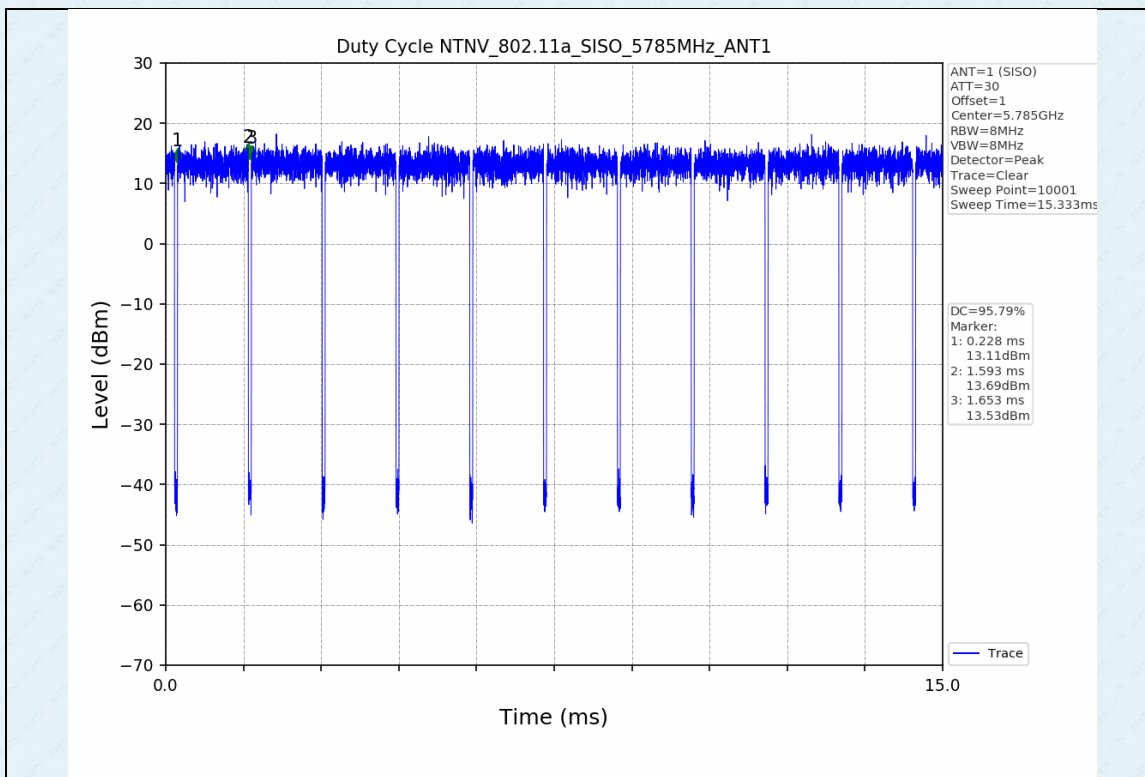
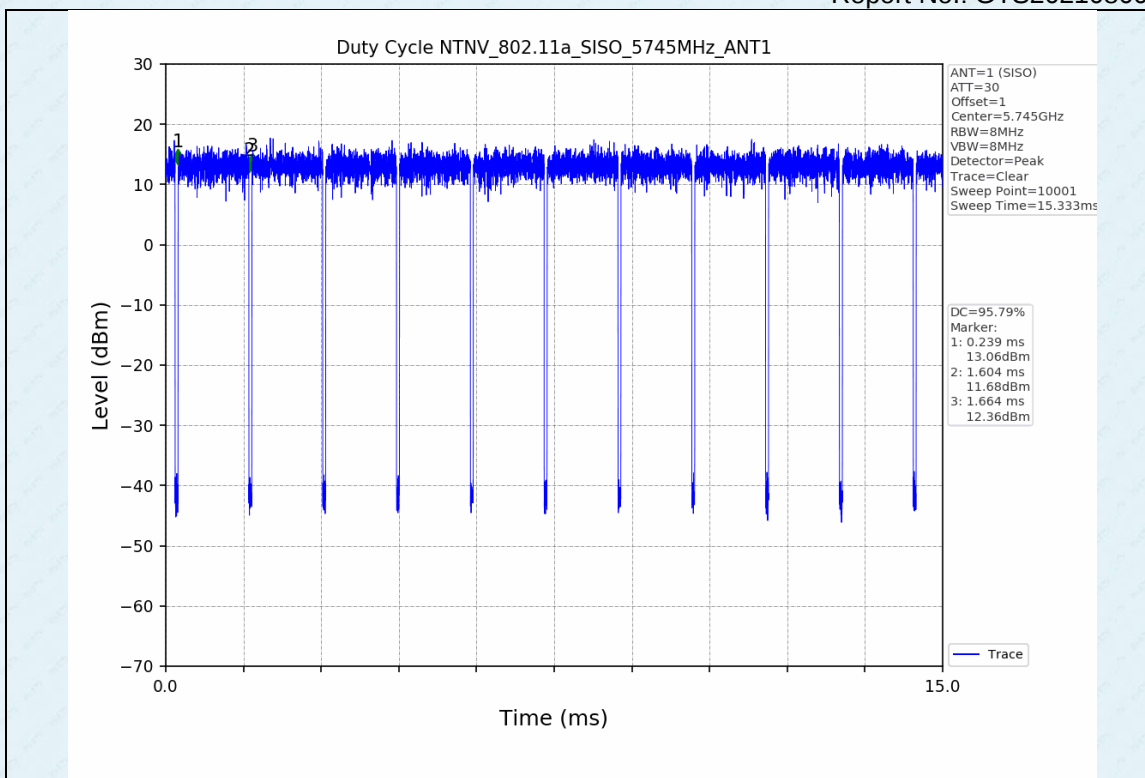


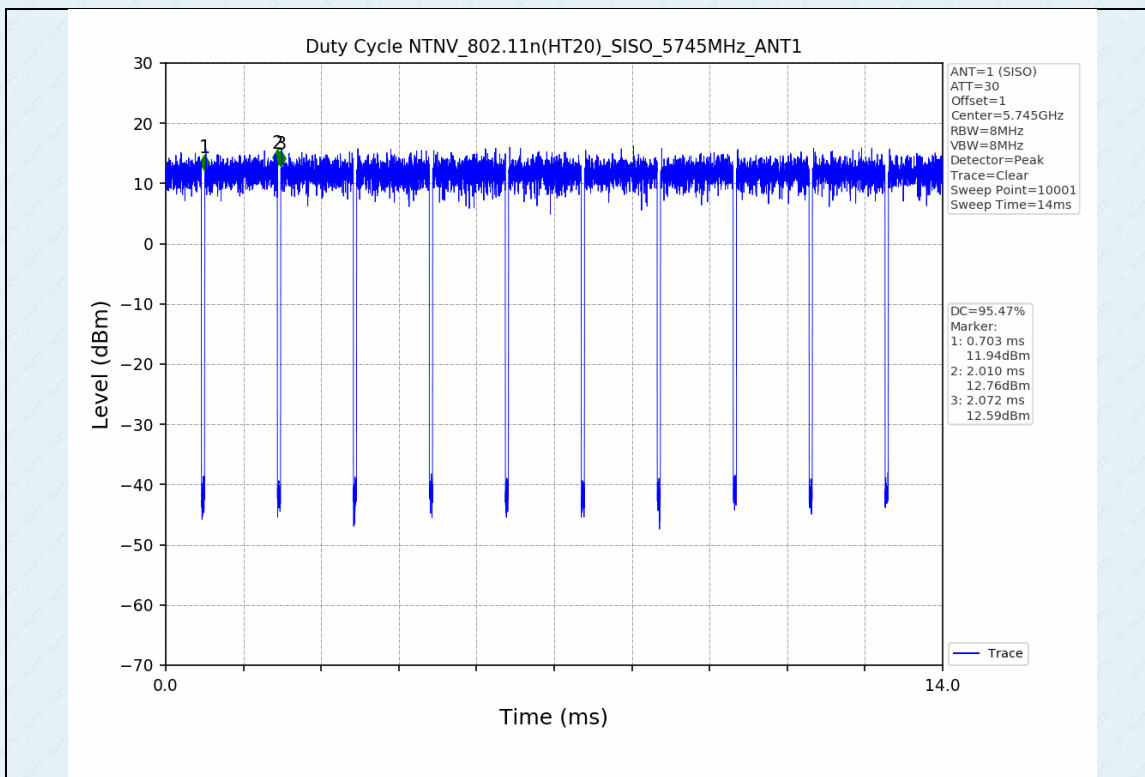
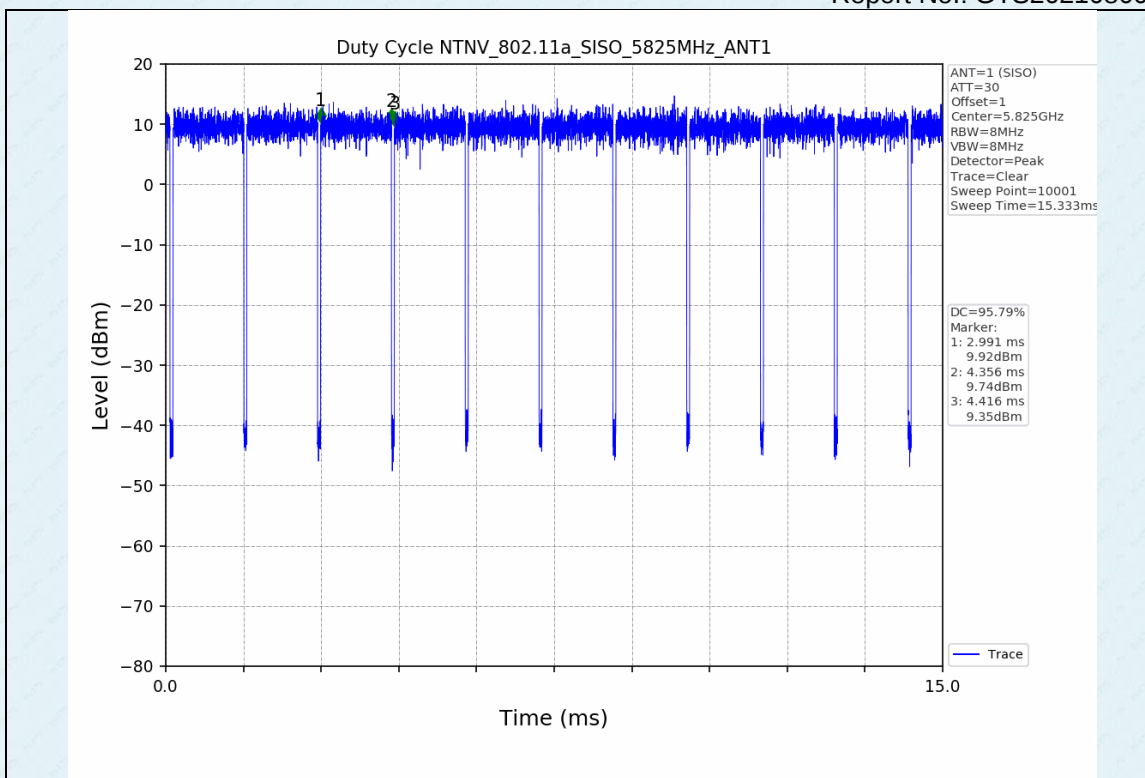


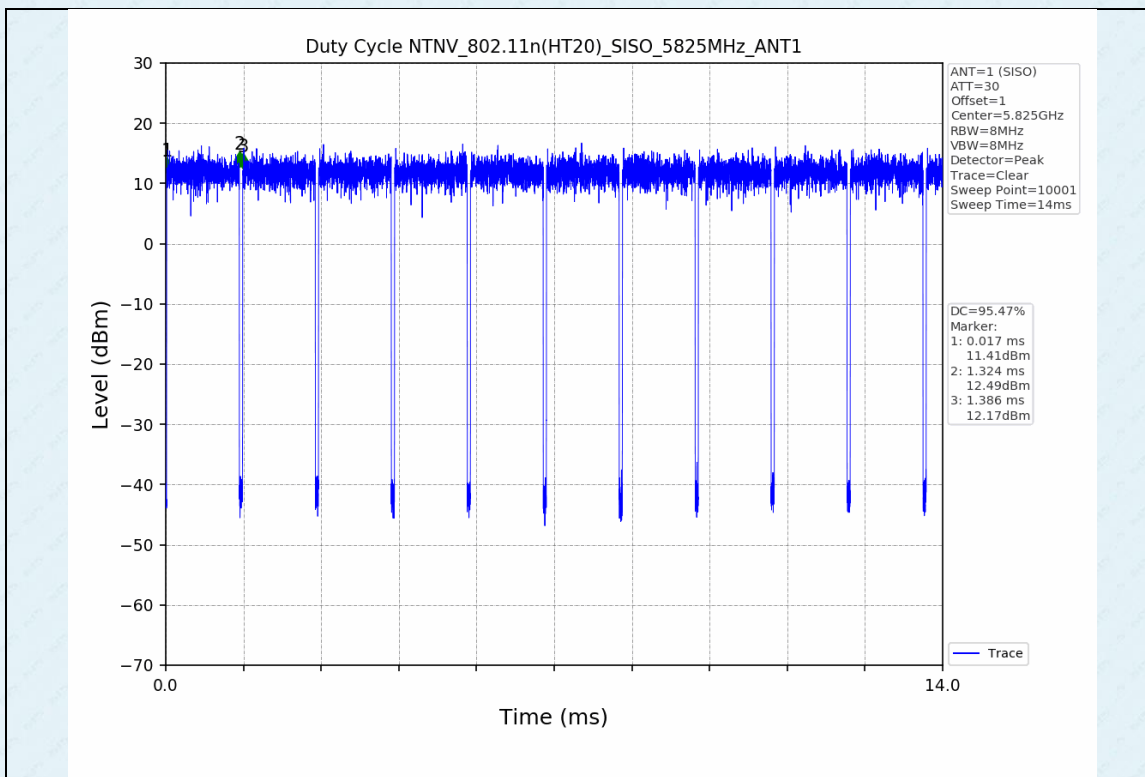
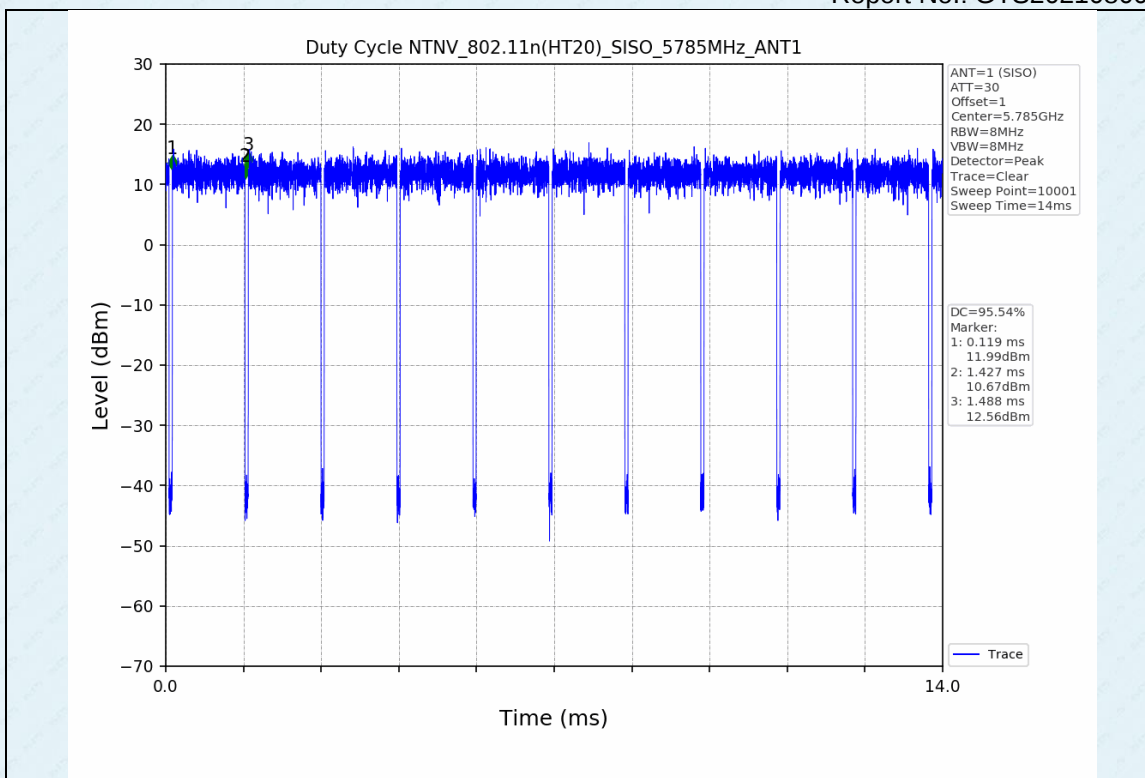


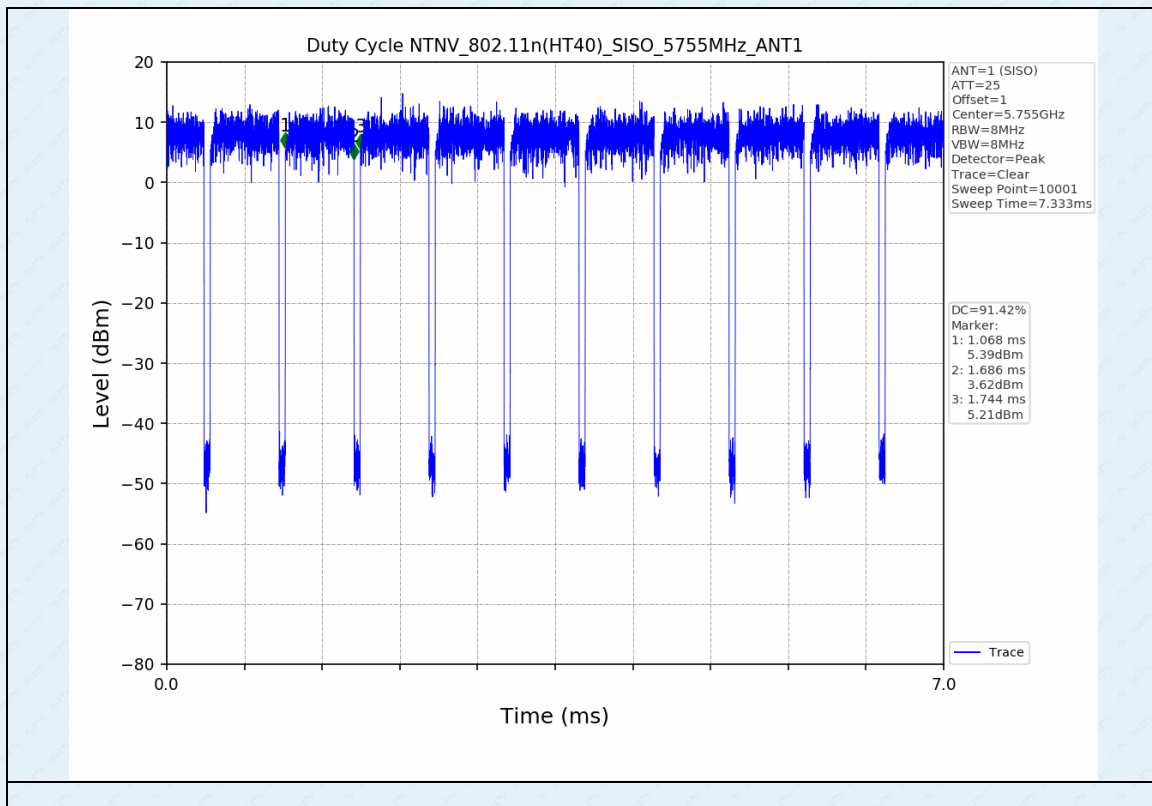


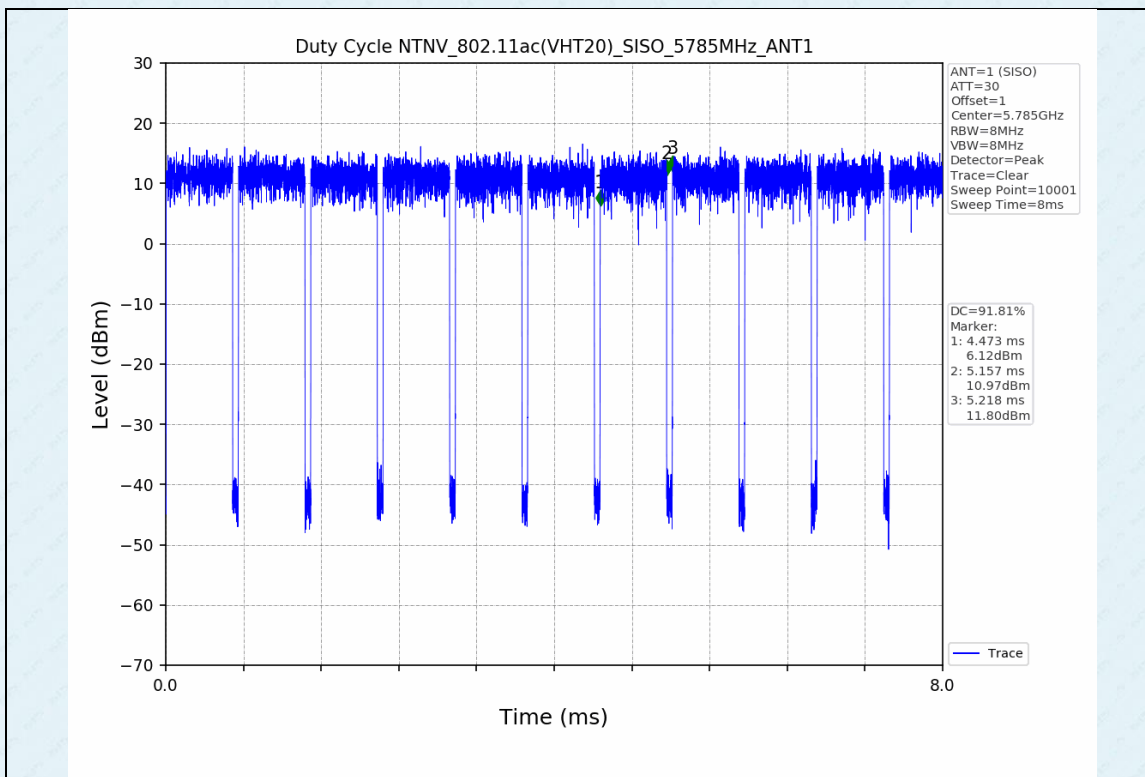
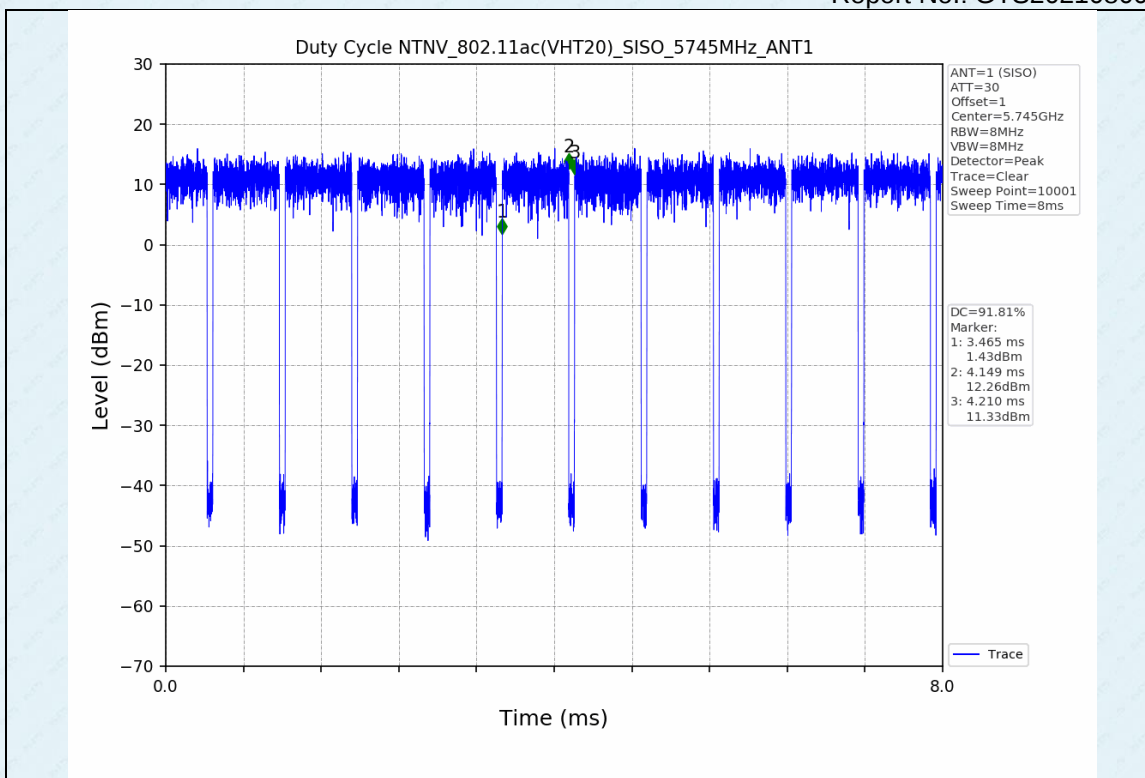
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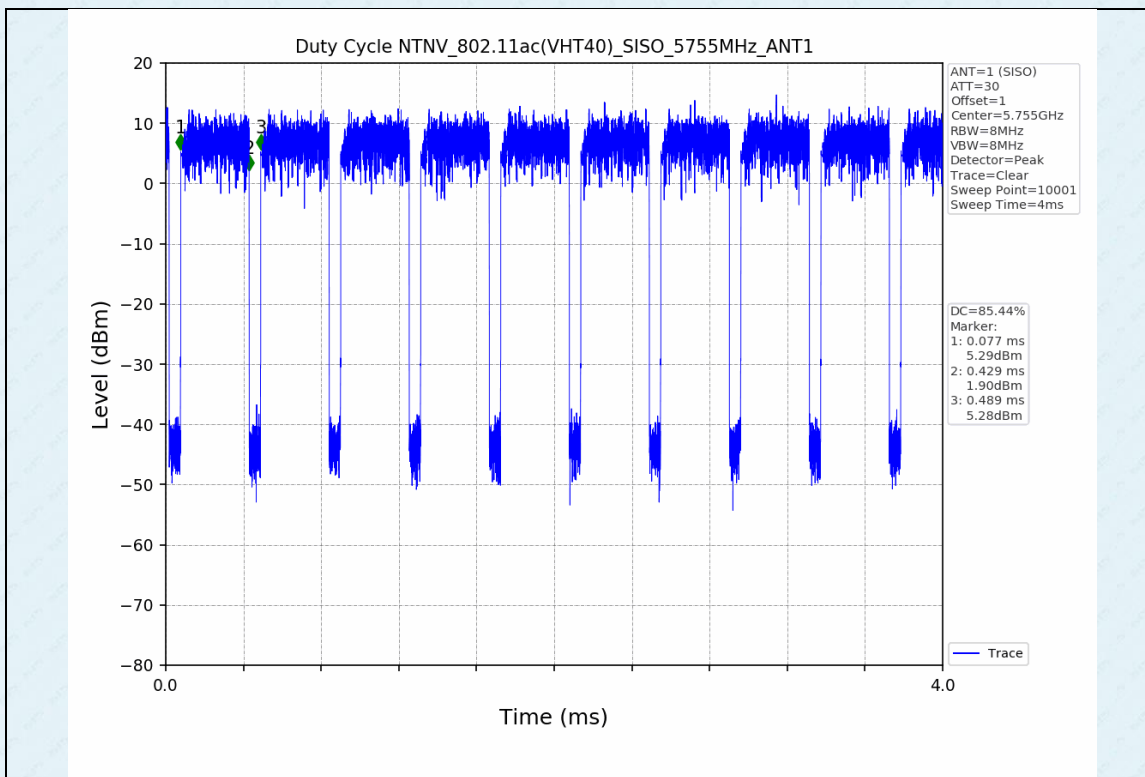
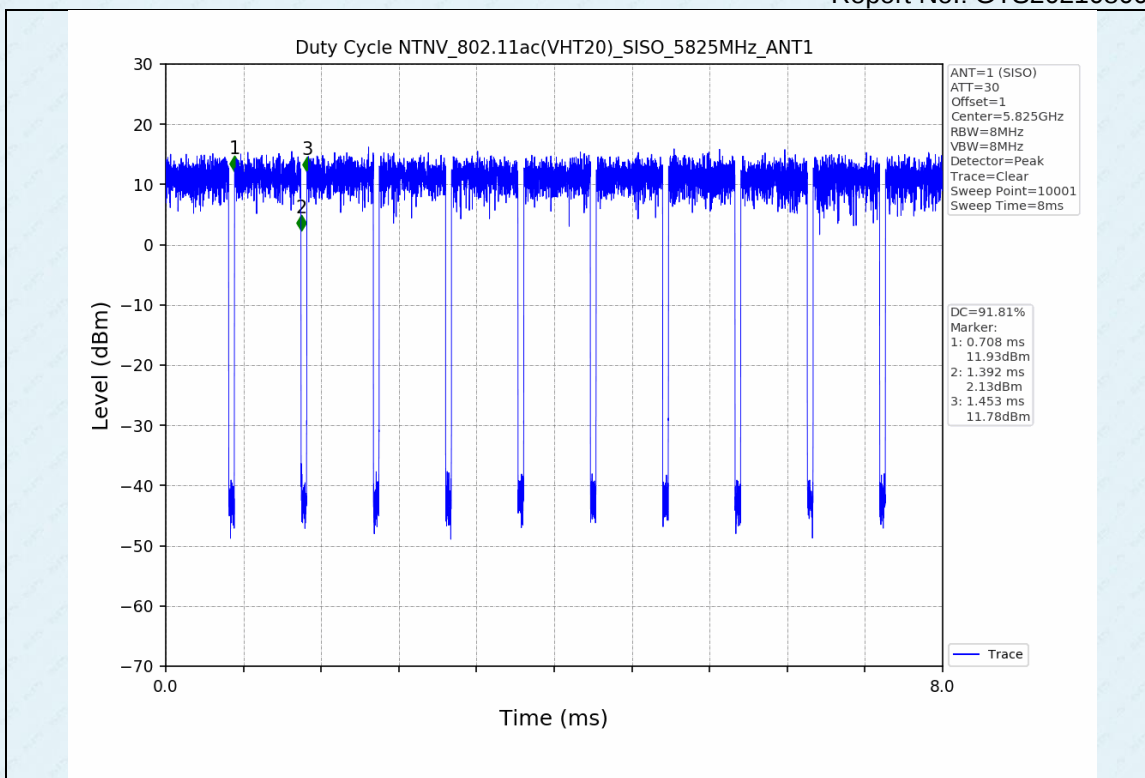


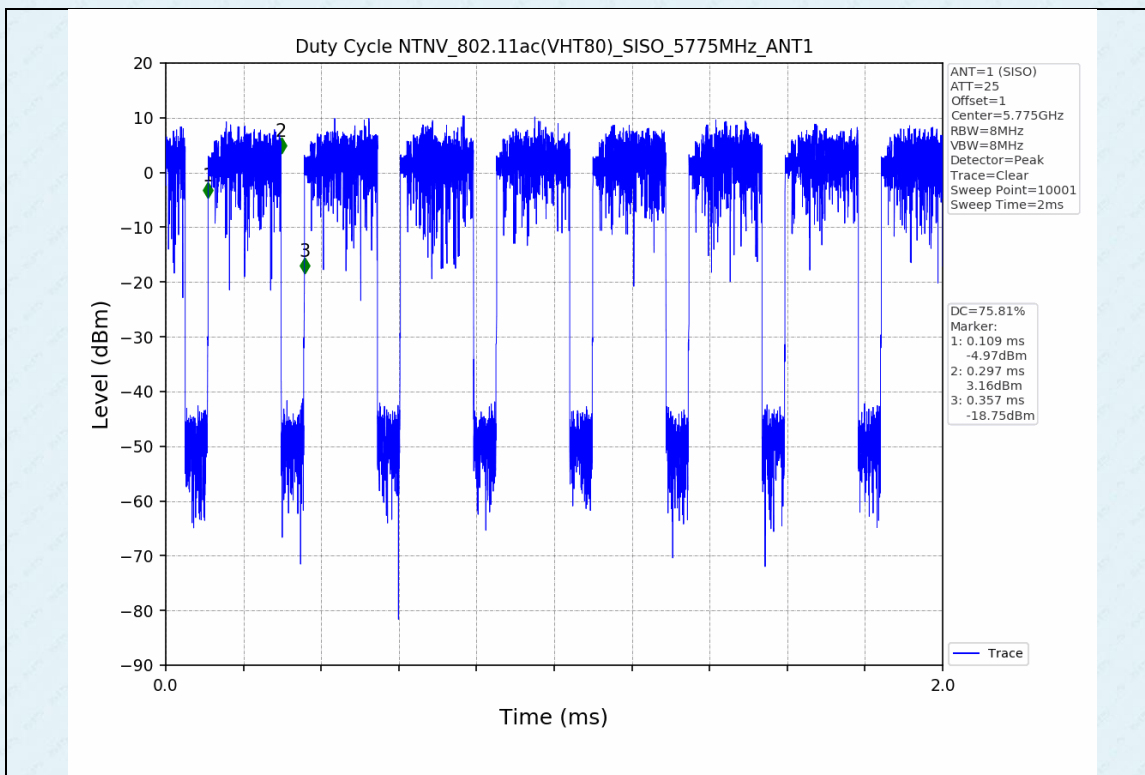
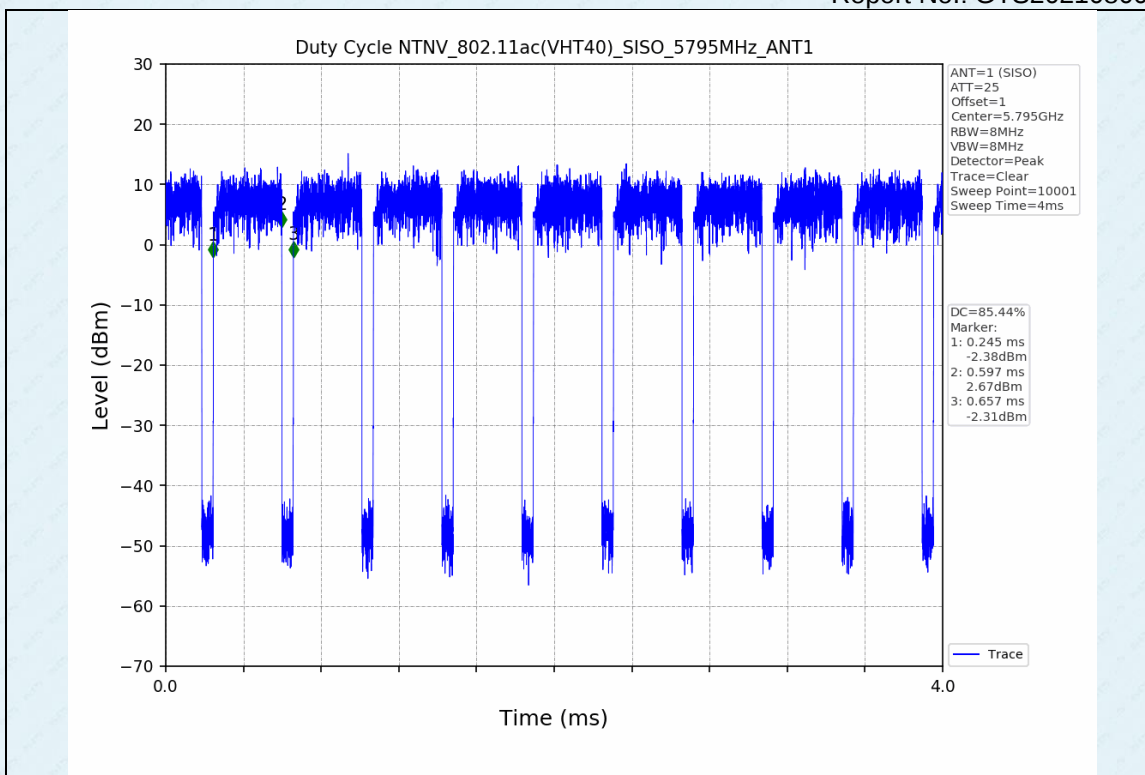












2. Bandwidth

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	15.189	≥0.5	PASS
	5785	SISO	1	13.946	≥0.5	PASS
	5825	SISO	1	14.240	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.138	≥0.5	PASS
	5785	SISO	1	15.034	≥0.5	PASS
	5825	SISO	1	13.887	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	33.985	≥0.5	PASS
	5795	SISO	1	35.099	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	13.968	≥0.5	PASS
	5785	SISO	1	15.146	≥0.5	PASS
	5825	SISO	1	15.146	≥0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.222	≥0.5	PASS
	5795	SISO	1	35.197	≥0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.257	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.650	Only for Report Use
	5785	SISO	1	16.669	Only for Report Use
	5825	SISO	1	16.623	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.728	Only for Report Use
	5785	SISO	1	17.662	Only for Report Use
	5825	SISO	1	17.622	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.314	Only for Report Use
	5795	SISO	1	36.273	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.700	Only for Report Use
	5785	SISO	1	17.732	Only for Report Use
	5825	SISO	1	17.634	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.464	Only for Report Use
	5795	SISO	1	36.337	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.608	Only for Report Use

ANT 2:

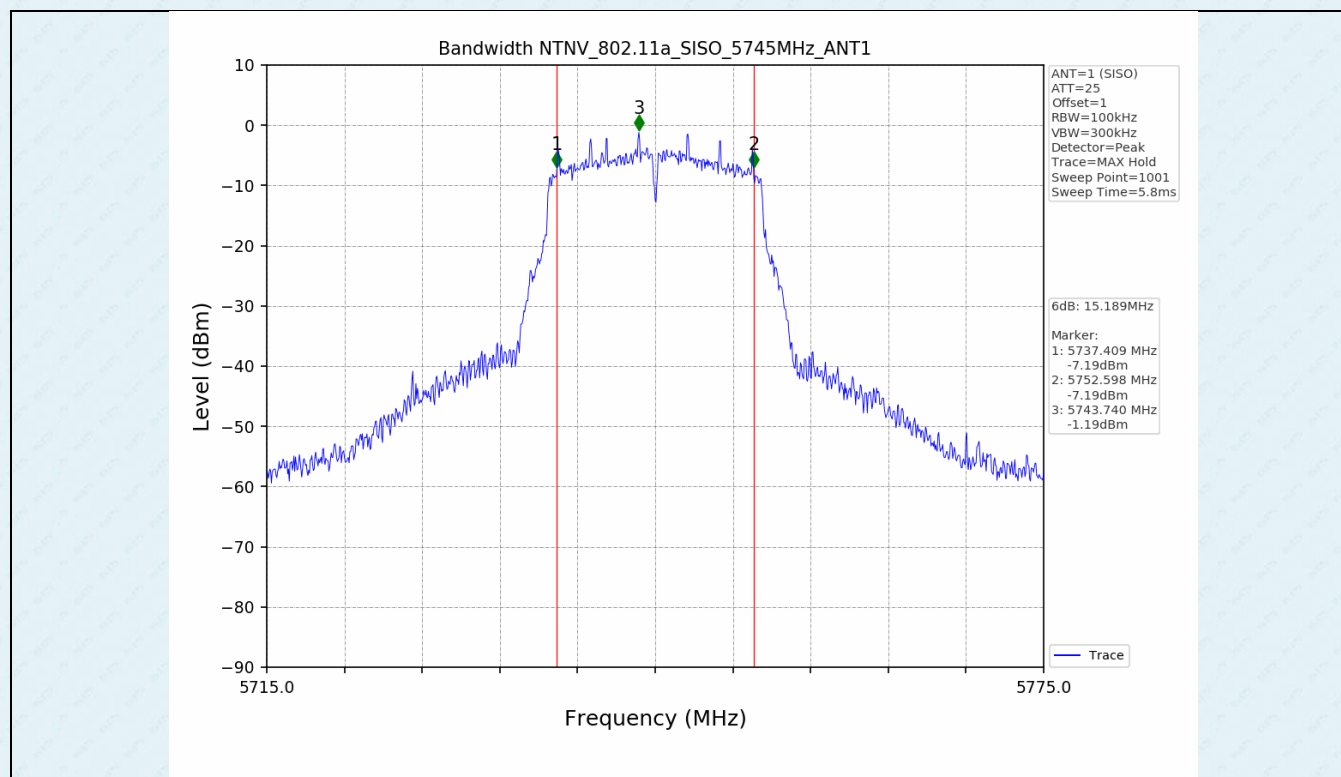
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	15.172	≥0.5	PASS
	5785	SISO	1	15.057	≥0.5	PASS
	5825	SISO	1	15.187	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	15.141	≥0.5	PASS
	5785	SISO	1	15.139	≥0.5	PASS
	5825	SISO	1	16.948	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.041	≥0.5	PASS
	5795	SISO	1	35.141	≥0.5	PASS
802.11ac(VHT20)	5745	SISO	1	15.039	≥0.5	PASS

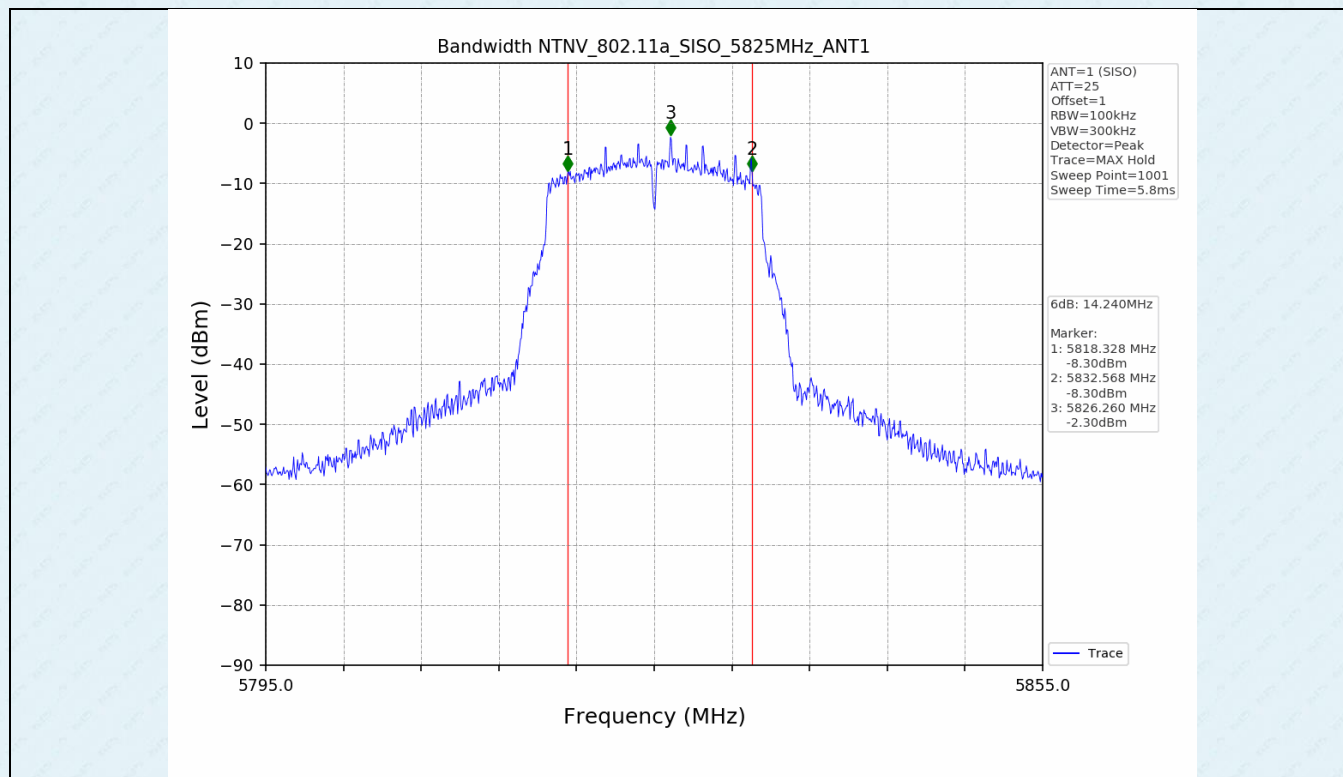
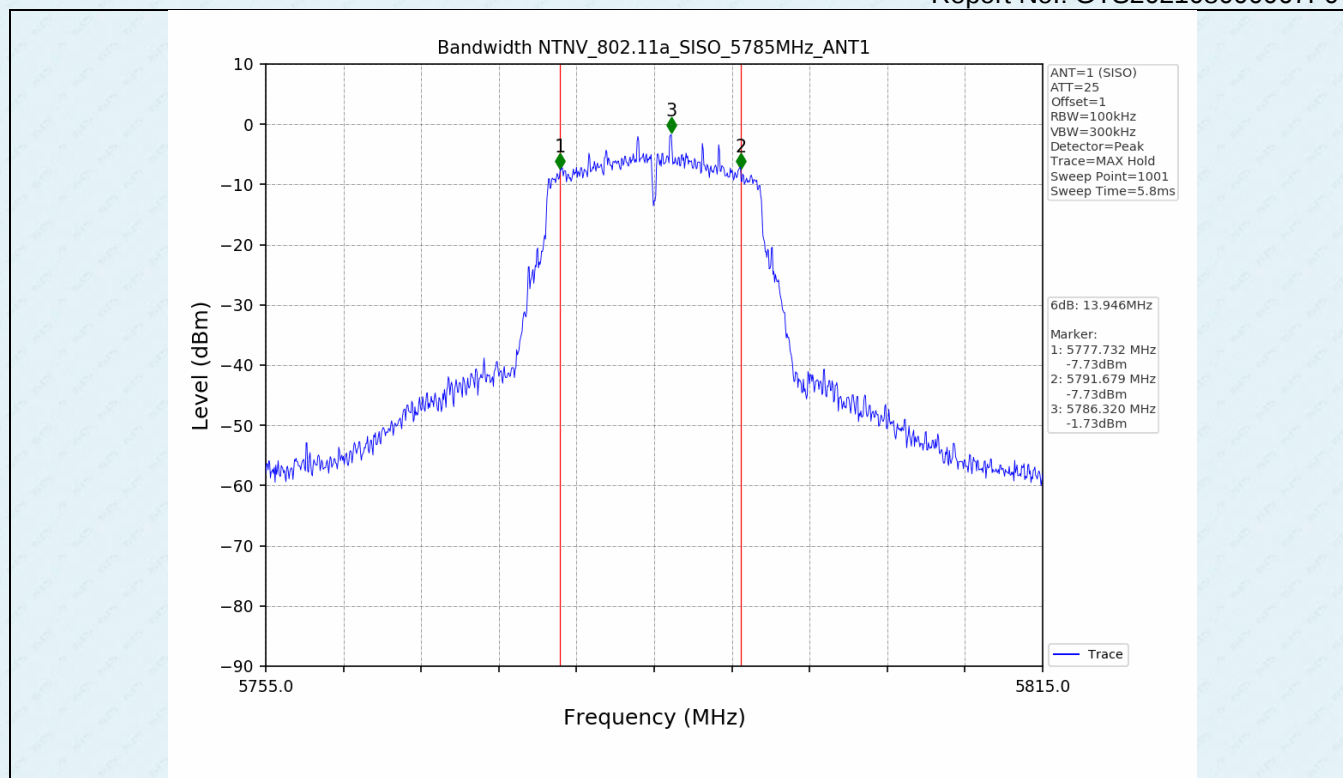
	5785	SISO	1	13.927	≥ 0.5	PASS
	5825	SISO	1	15.136	≥ 0.5	PASS
802.11ac(VHT40)	5755	SISO	1	35.177	≥ 0.5	PASS
	5795	SISO	1	35.183	≥ 0.5	PASS
802.11ac(VHT80)	5775	SISO	1	75.300	≥ 0.5	PASS

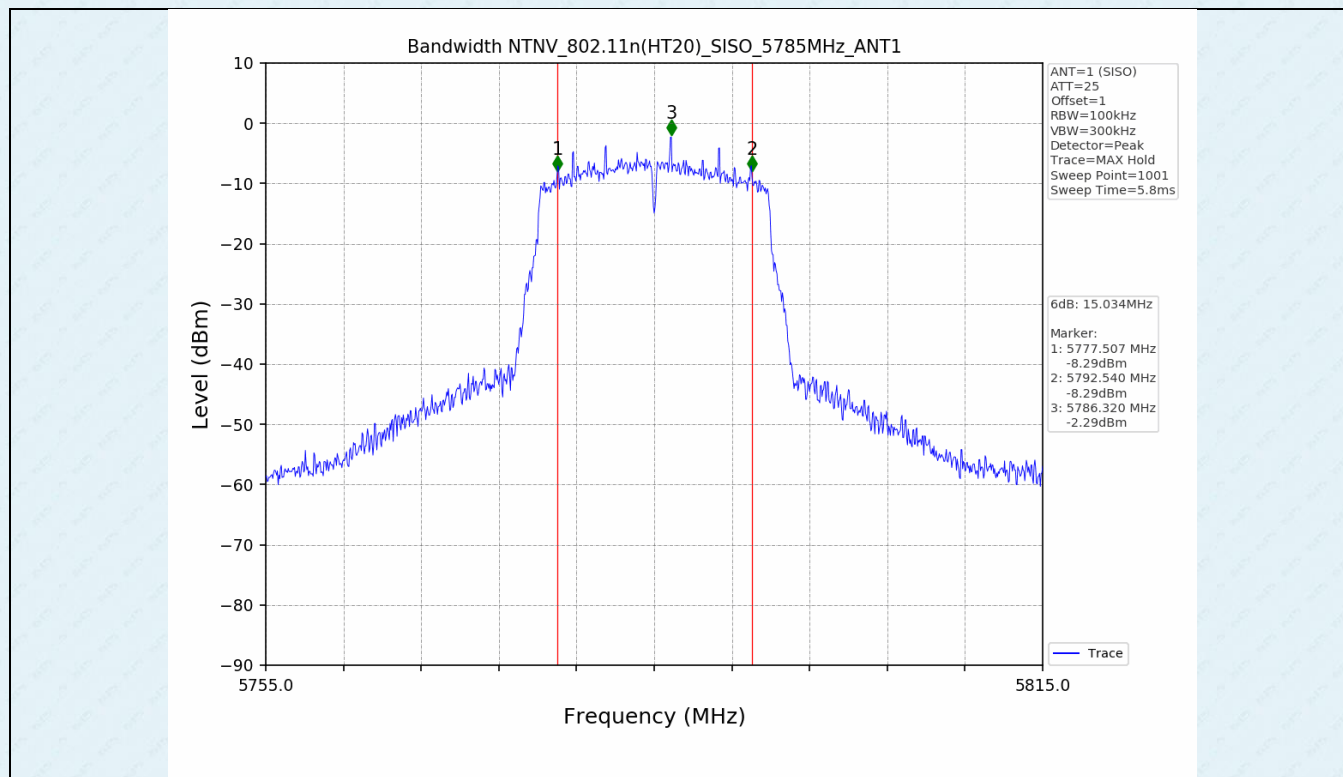
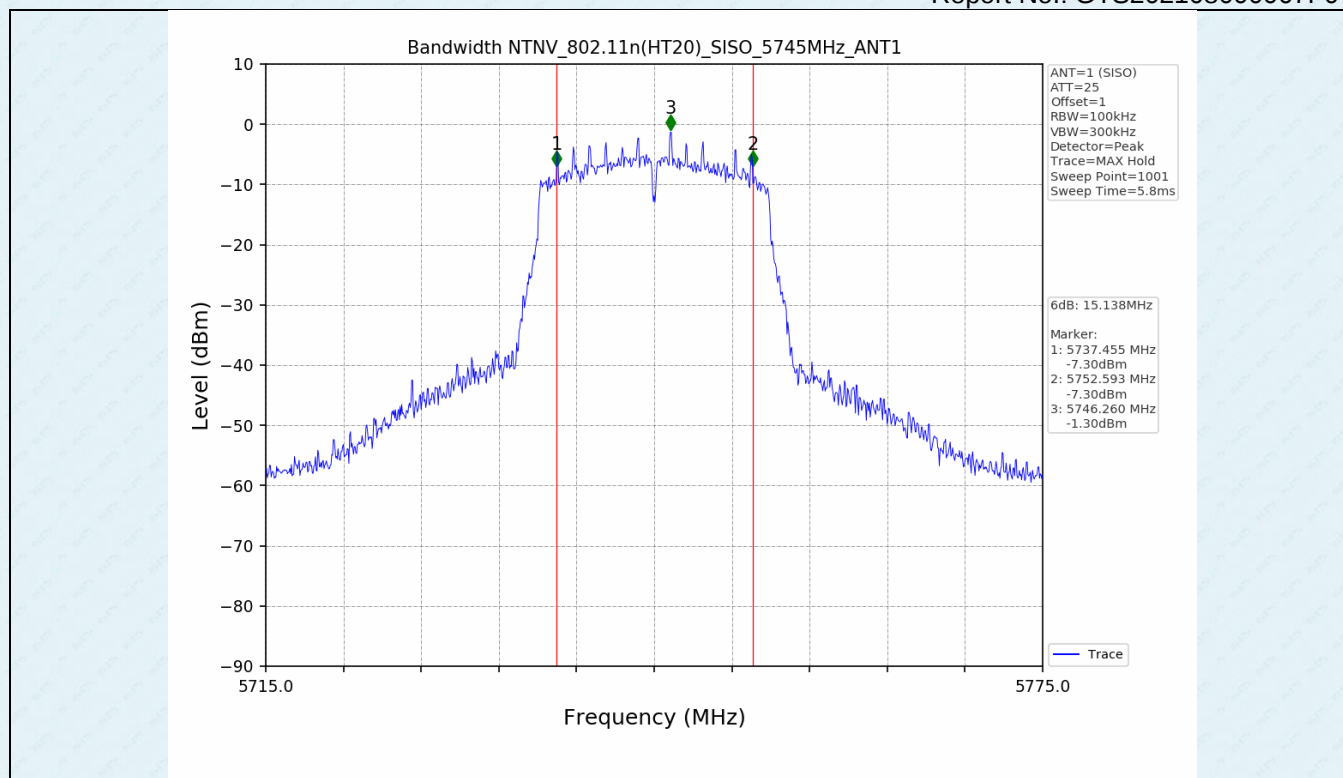
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5745	SISO	1	16.543	Only for Report Use
	5785	SISO	1	16.520	Only for Report Use
	5825	SISO	1	16.532	Only for Report Use
802.11n(HT20)	5745	SISO	1	17.617	Only for Report Use
	5785	SISO	1	17.629	Only for Report Use
	5825	SISO	1	17.671	Only for Report Use
802.11n(HT40)	5755	SISO	1	36.215	Only for Report Use
	5795	SISO	1	36.047	Only for Report Use
802.11ac(VHT20)	5745	SISO	1	17.645	Only for Report Use
	5785	SISO	1	17.596	Only for Report Use
	5825	SISO	1	17.596	Only for Report Use
802.11ac(VHT40)	5755	SISO	1	36.145	Only for Report Use
	5795	SISO	1	36.343	Only for Report Use
802.11ac(VHT80)	5775	SISO	1	75.374	Only for Report Use

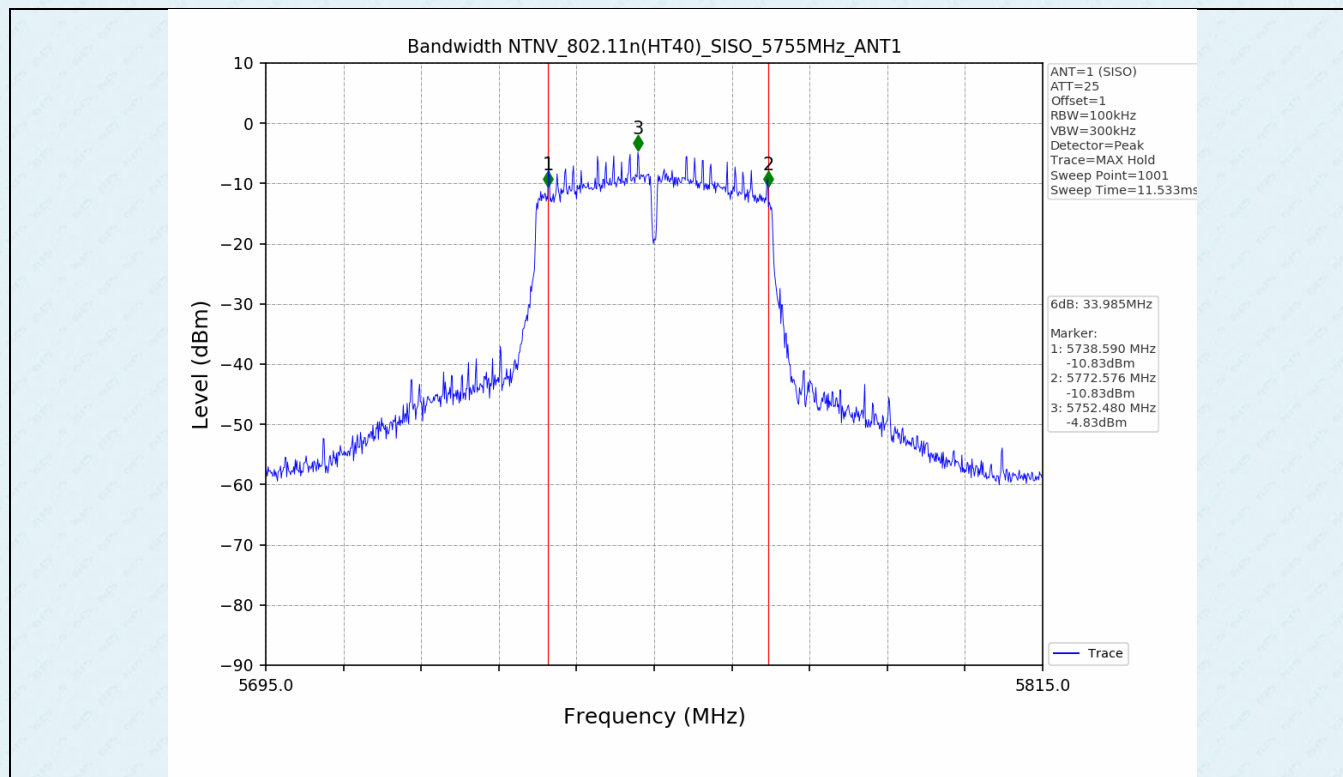
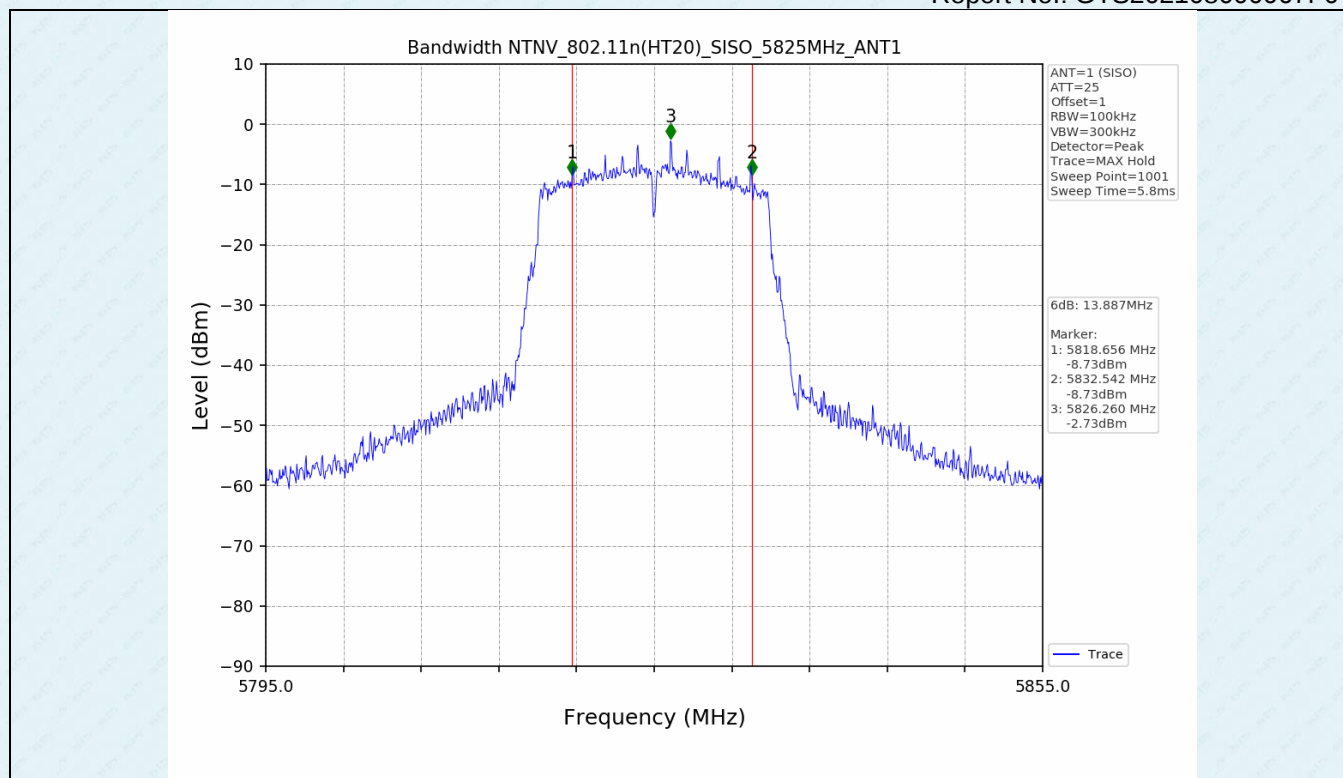
2.2 Test Graph - Emission Bandwidth

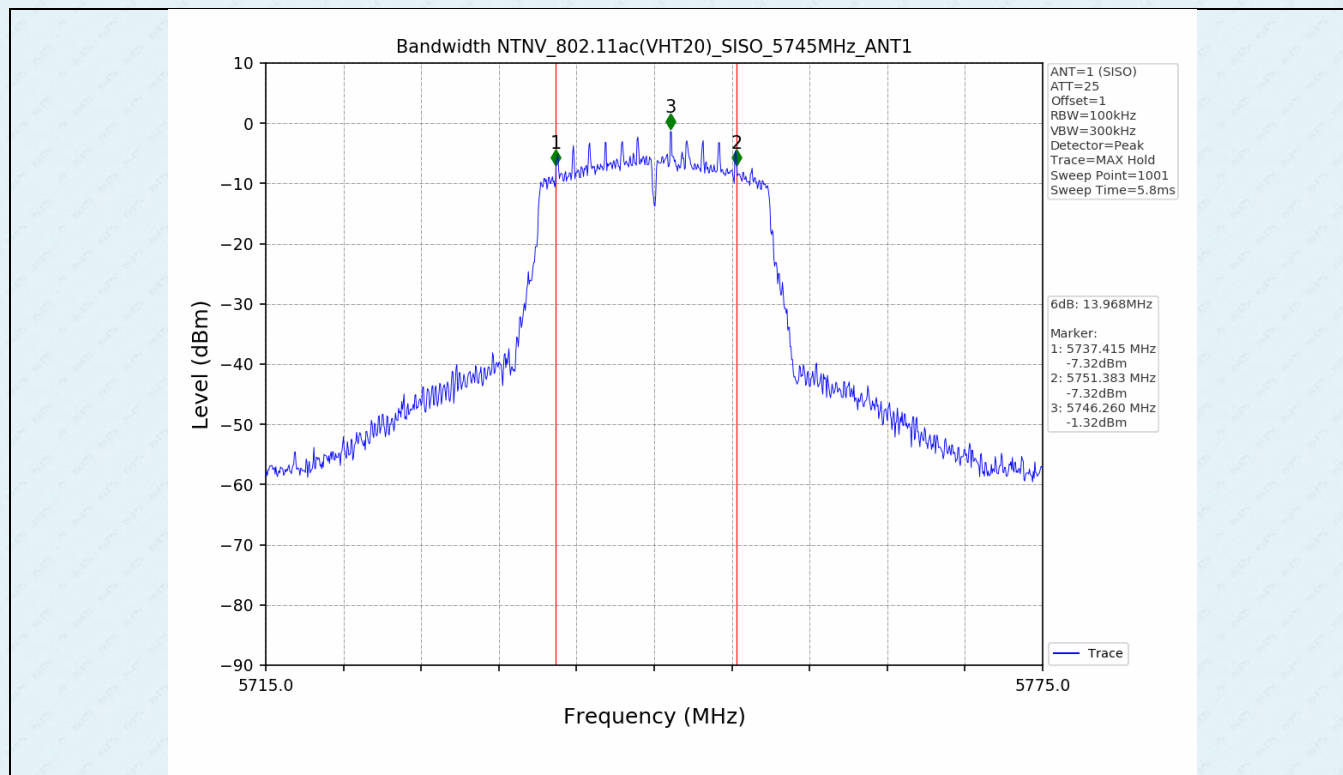
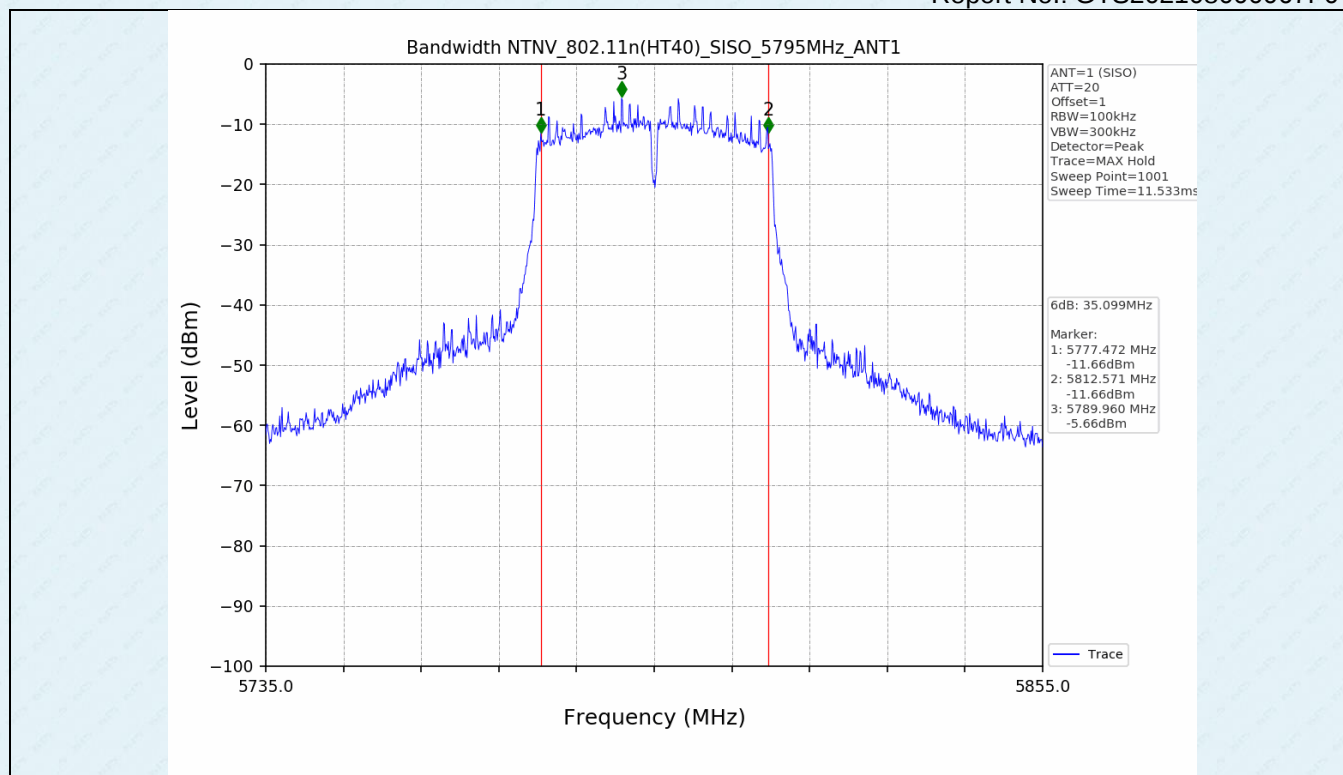
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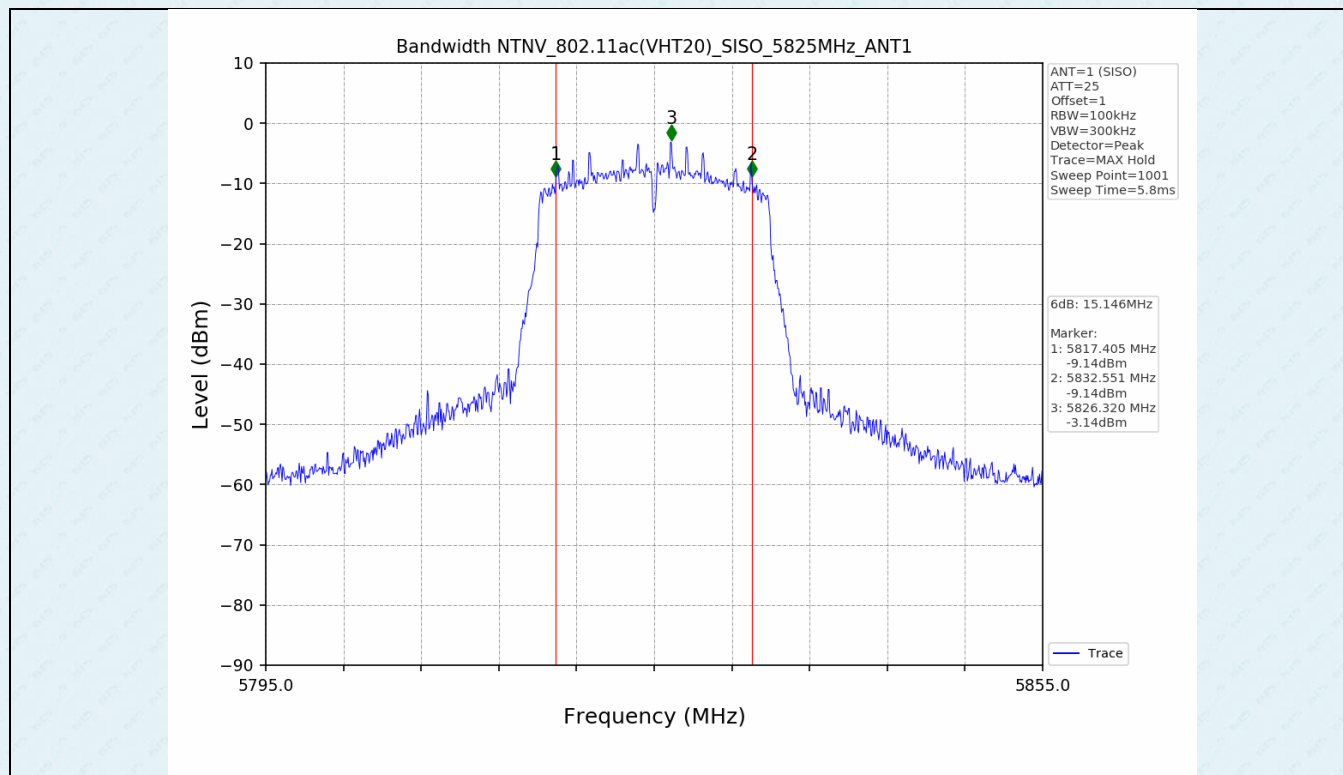
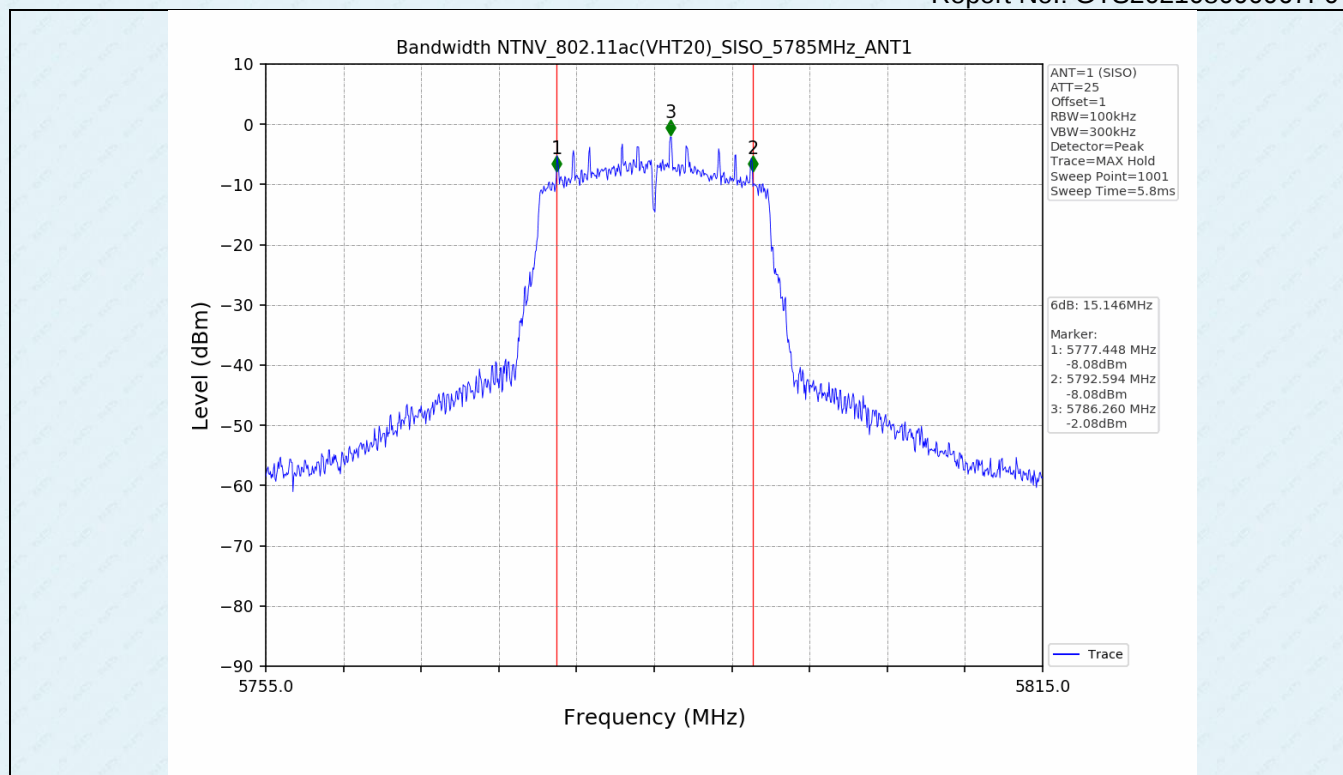


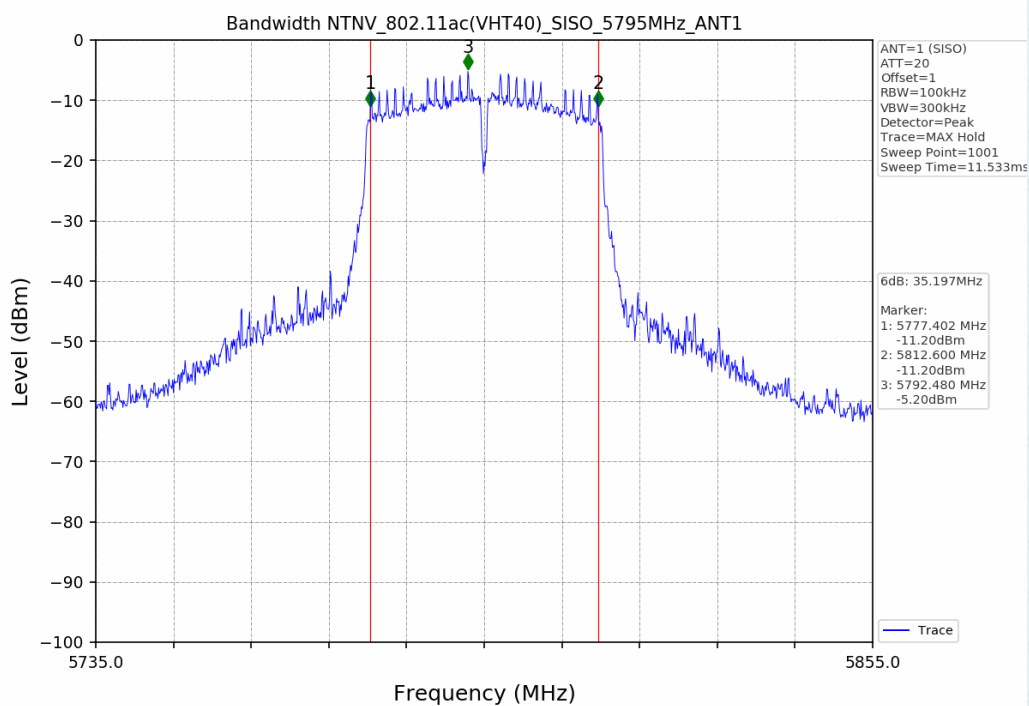
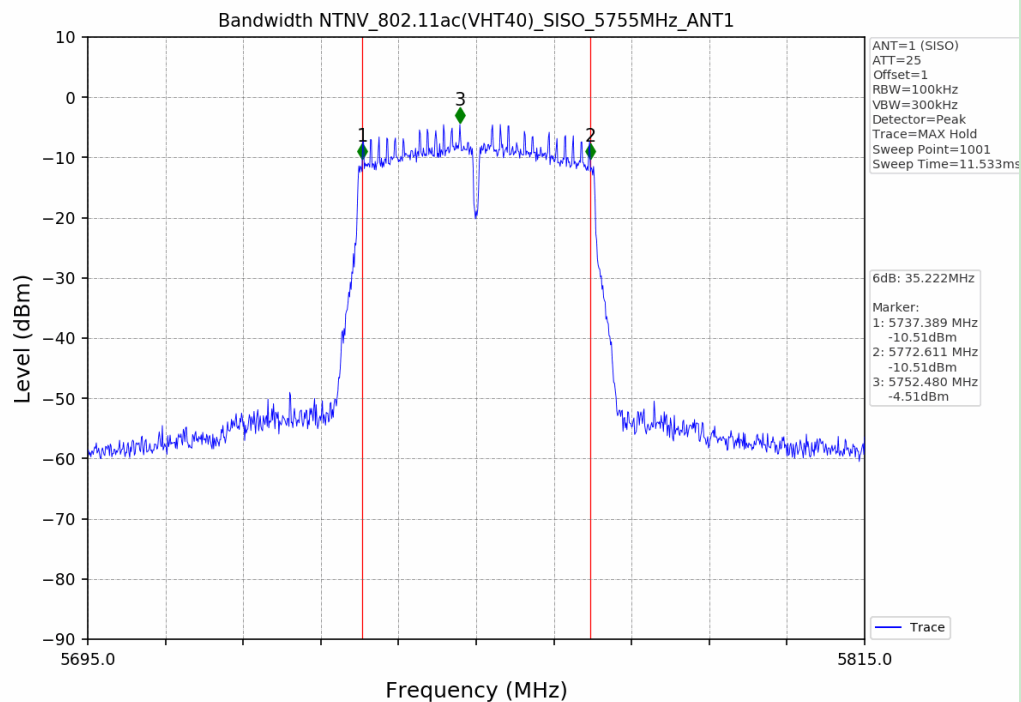


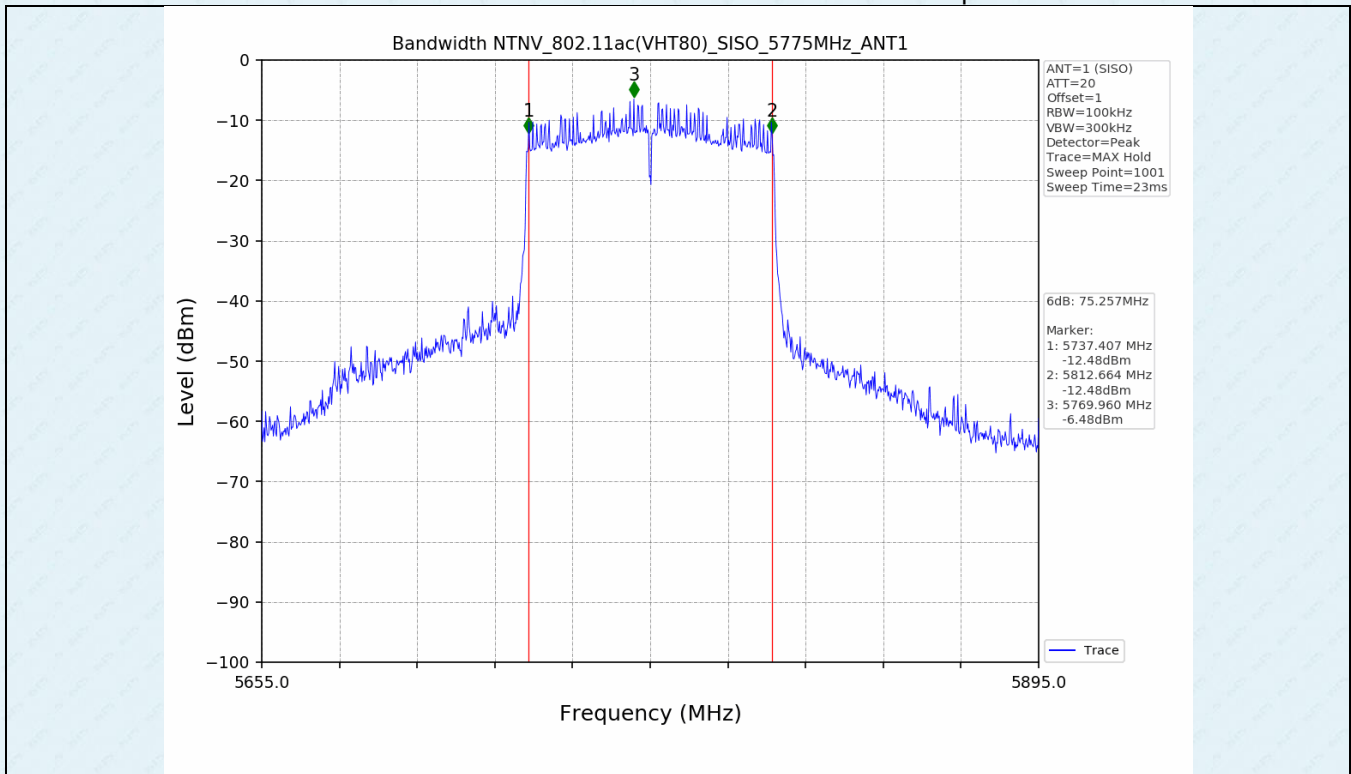




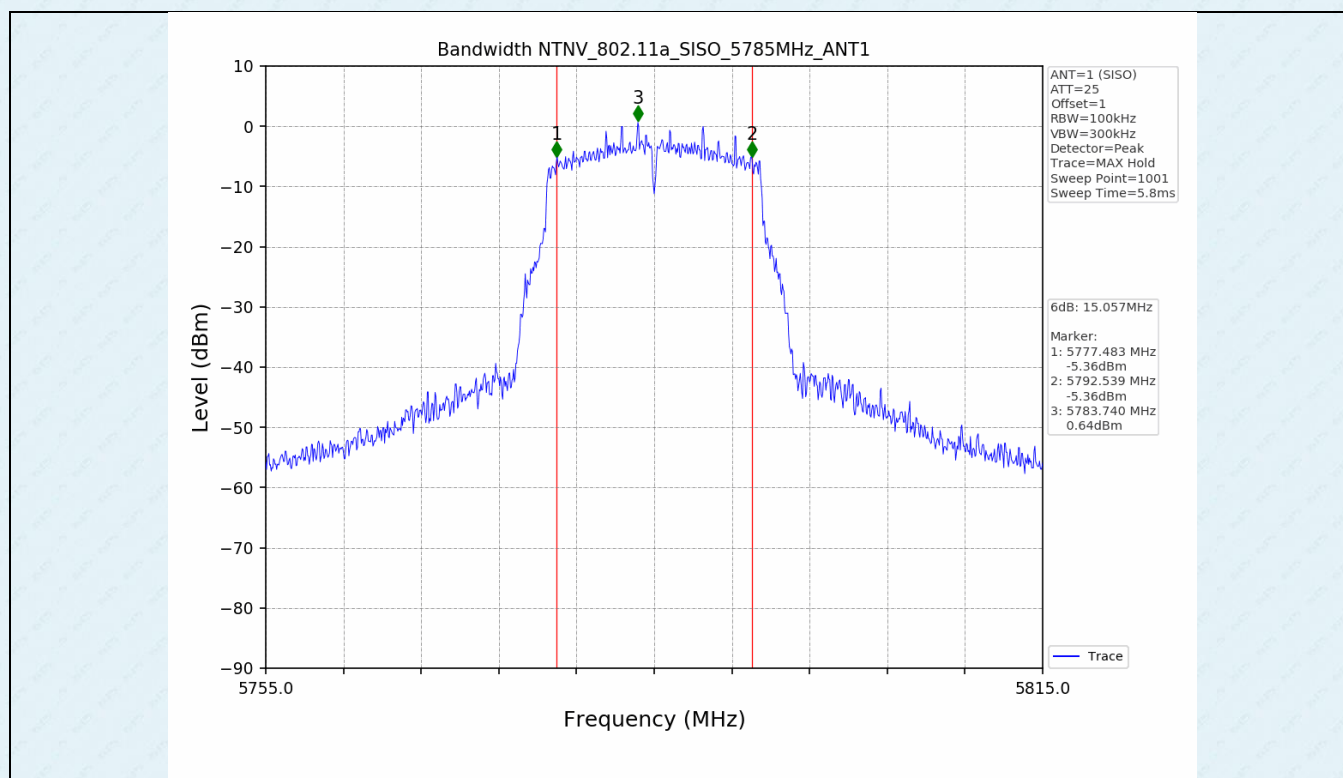
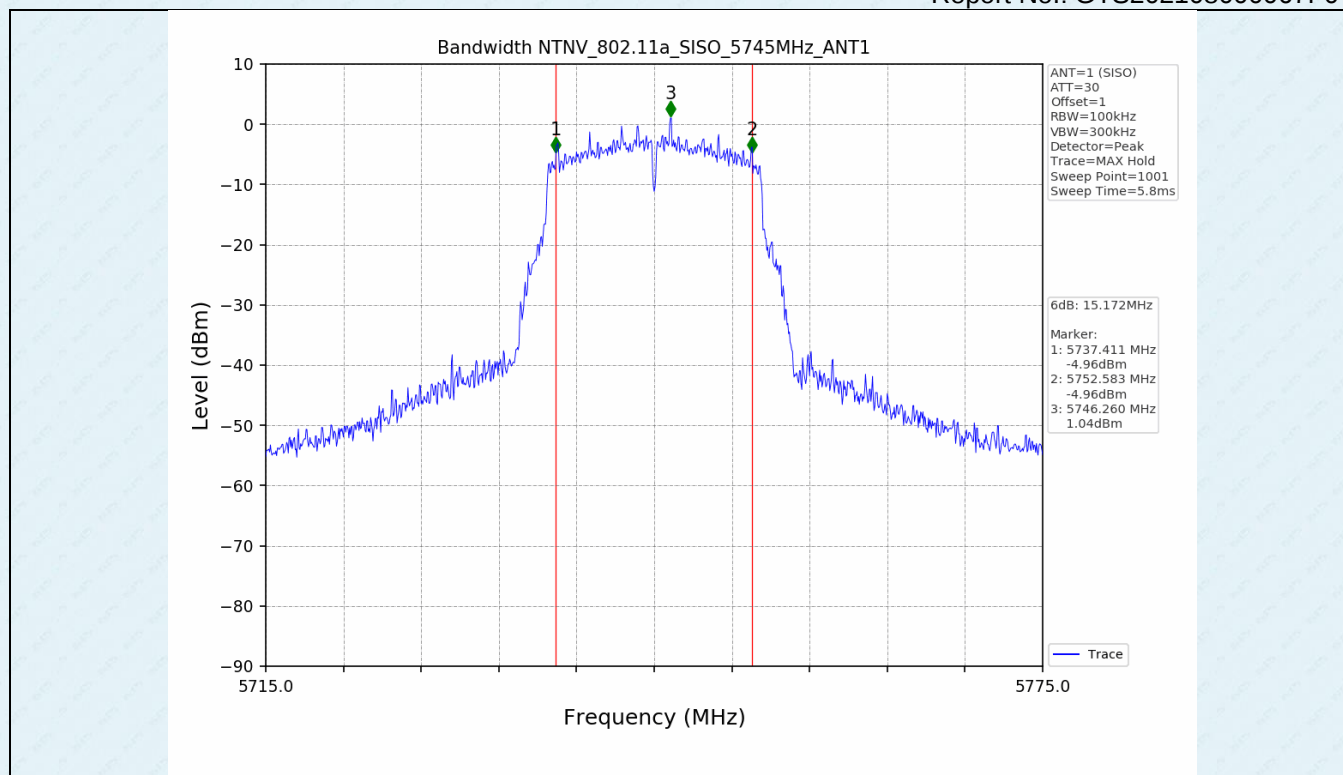


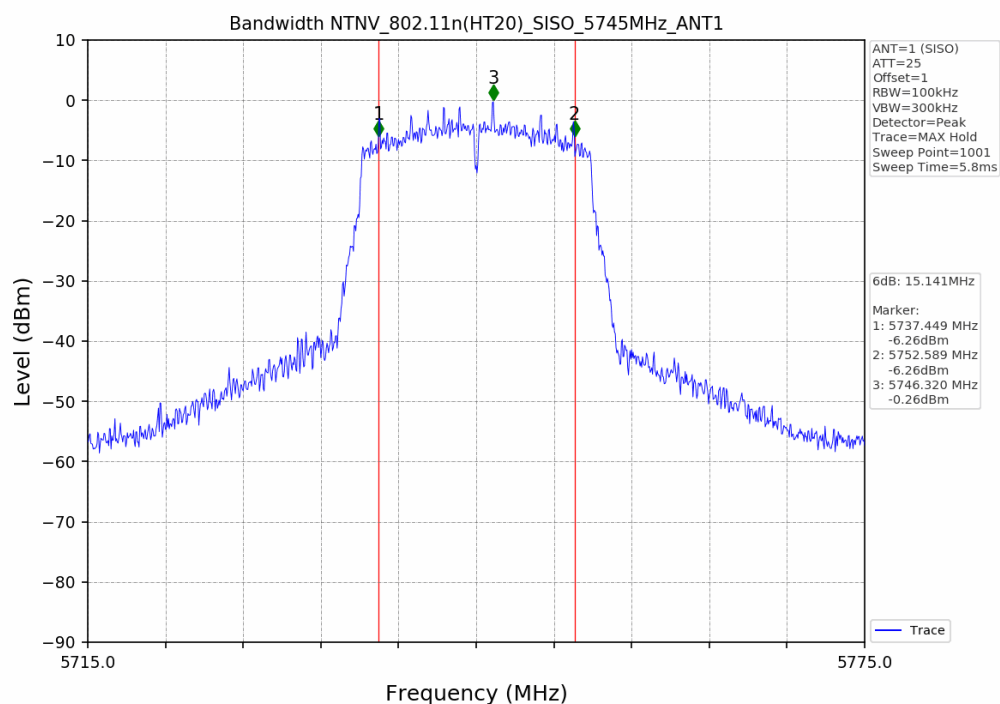
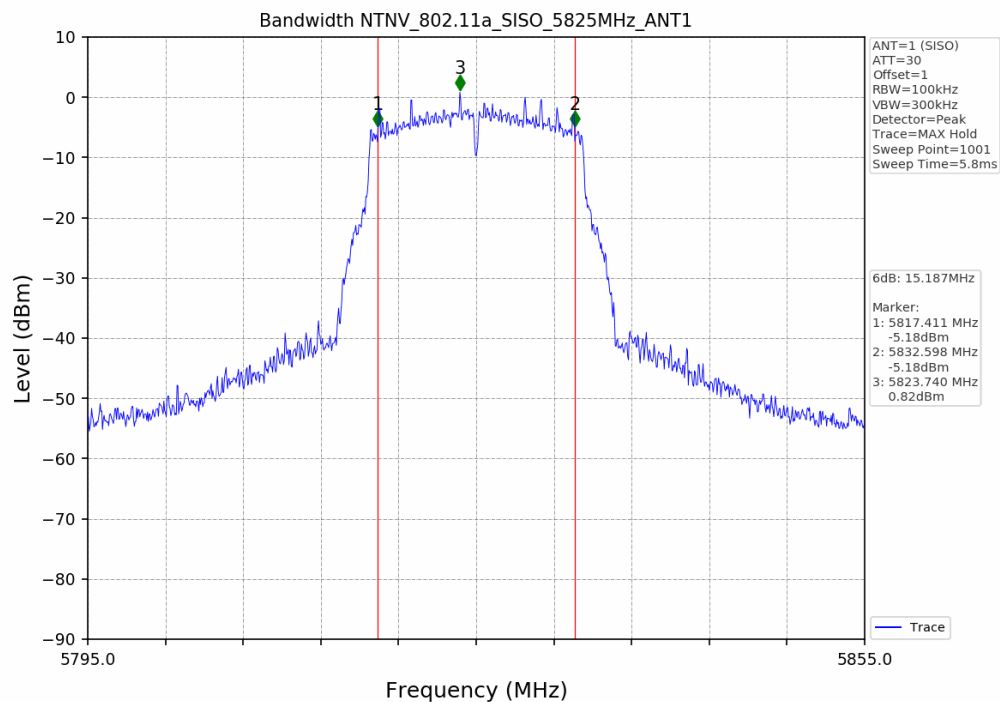


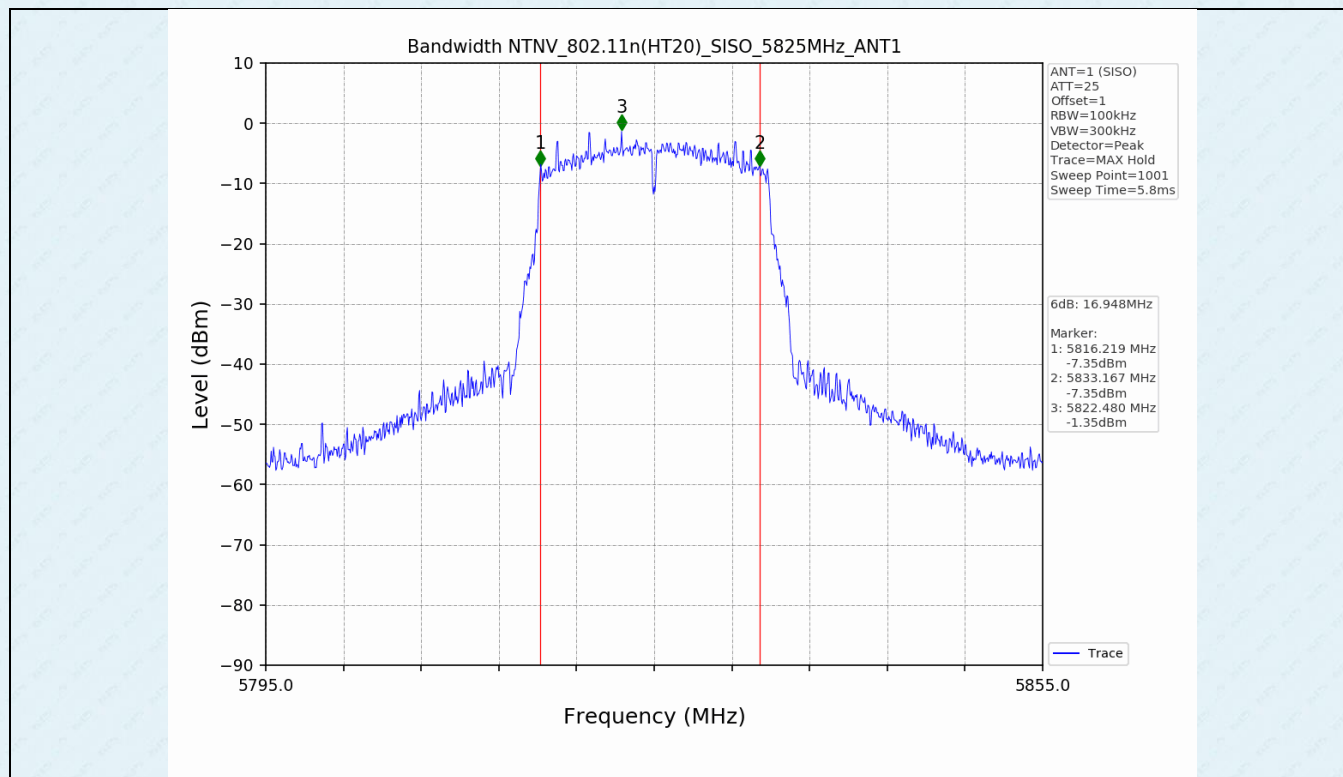
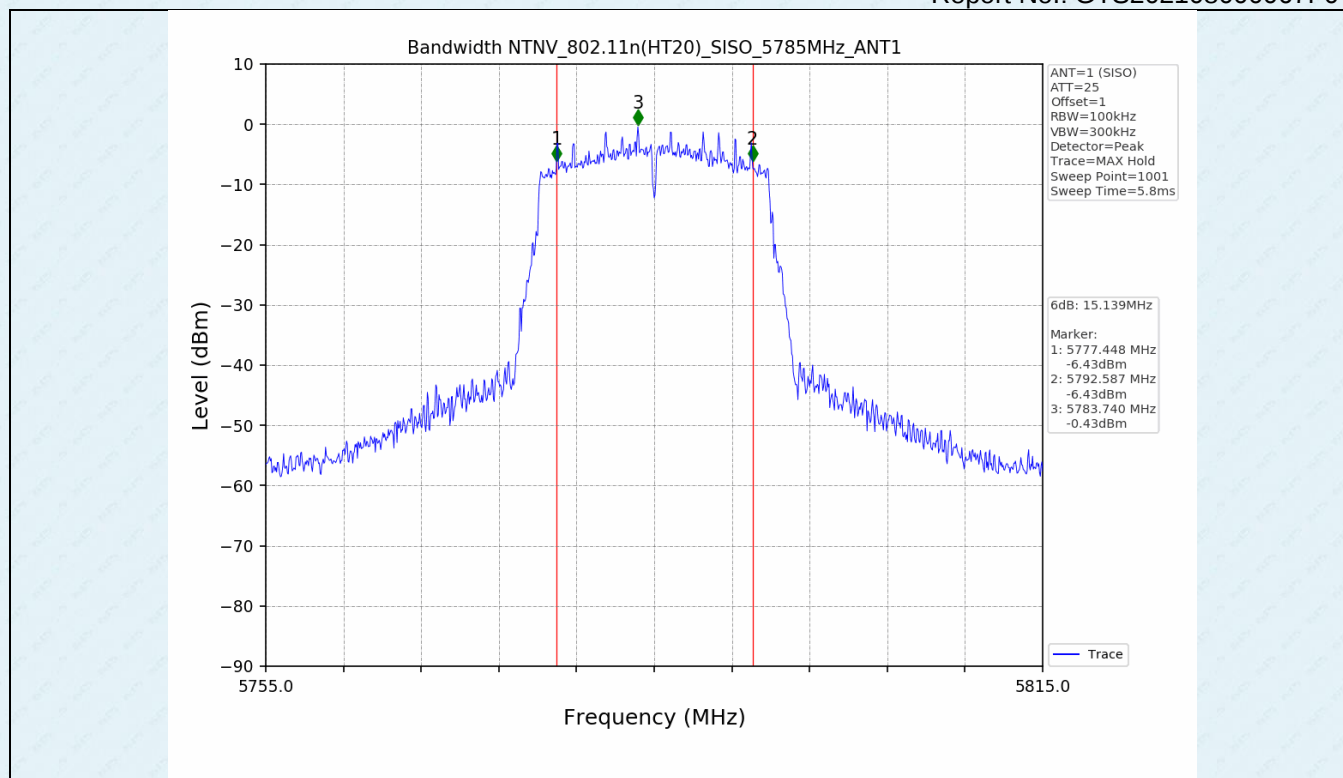


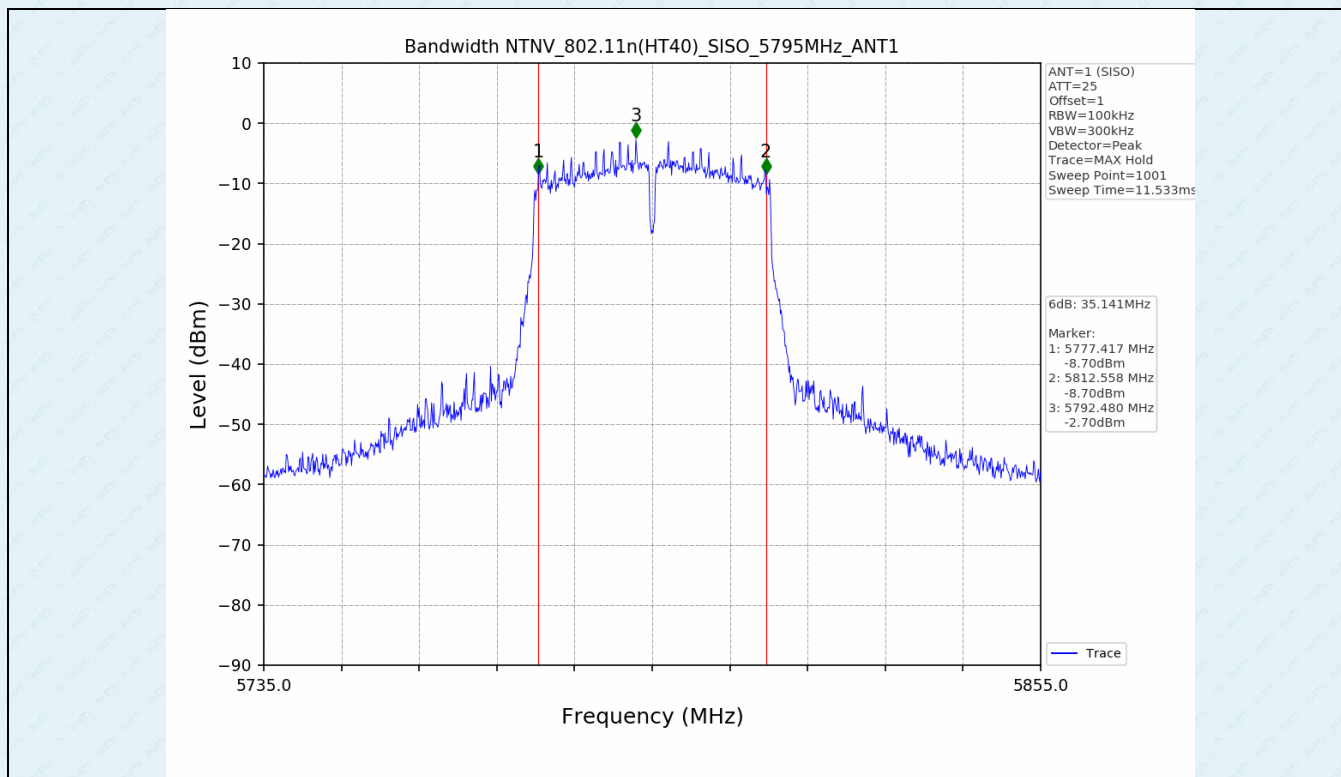
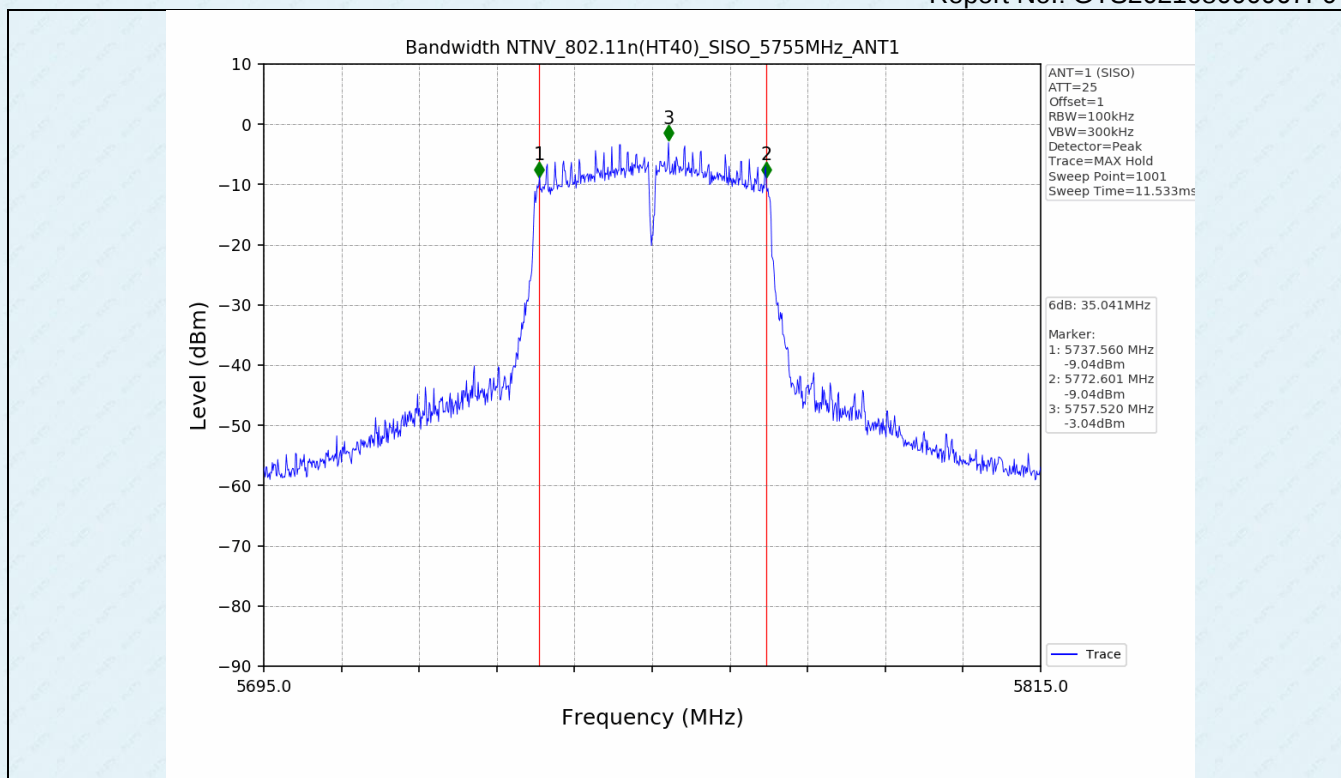


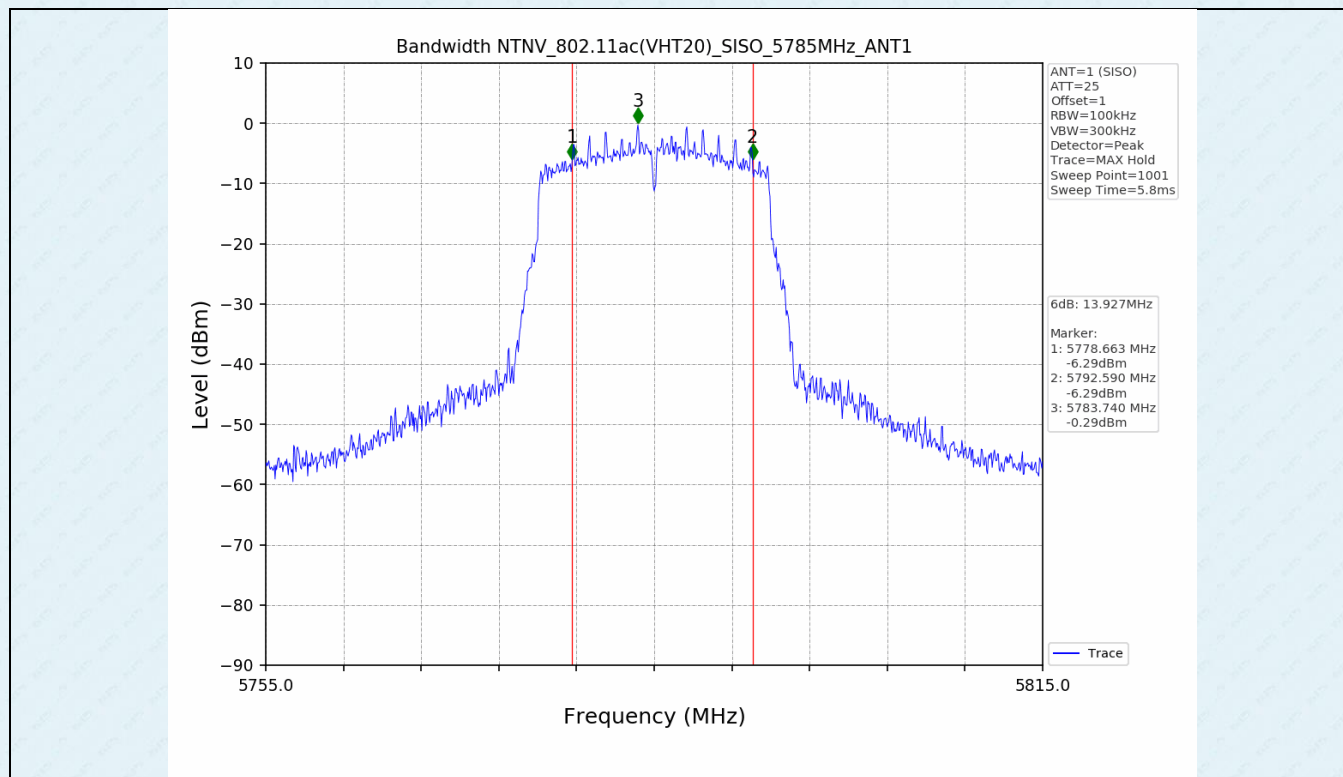
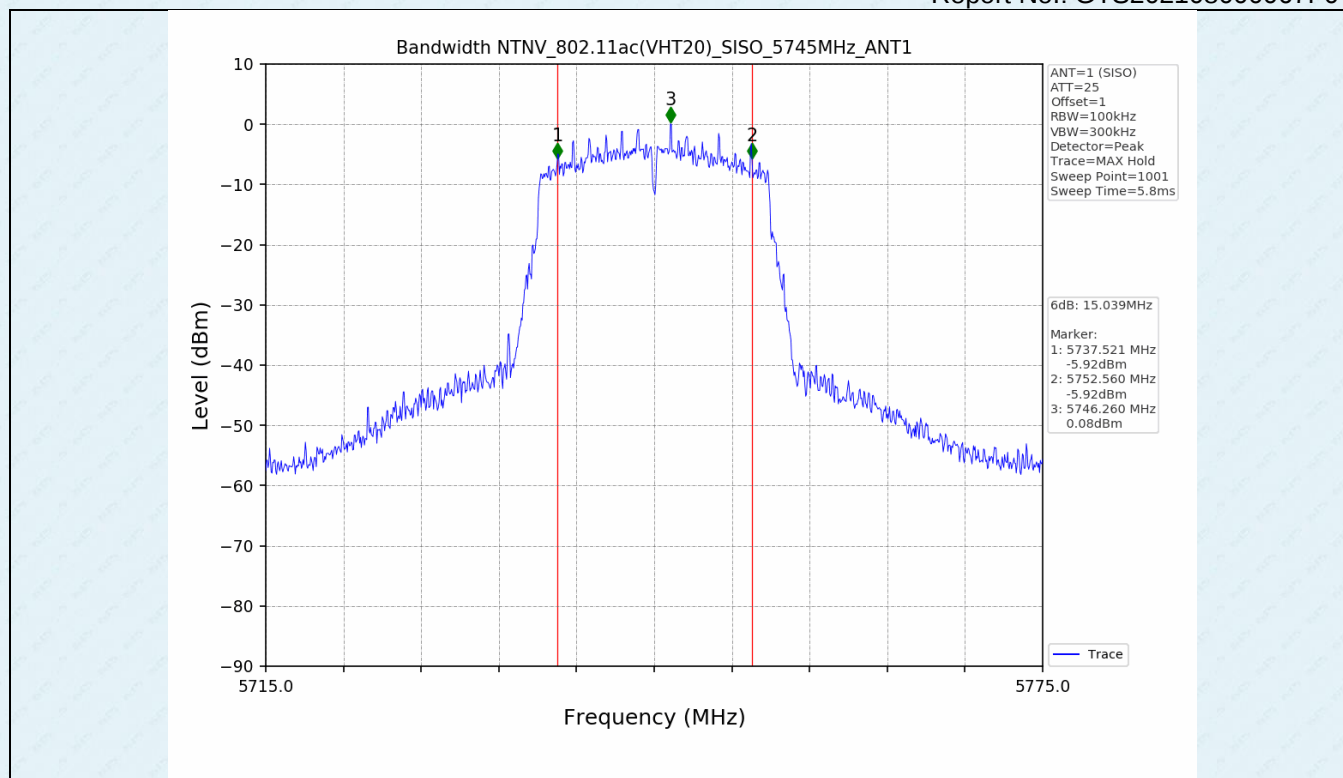
ANT 2:

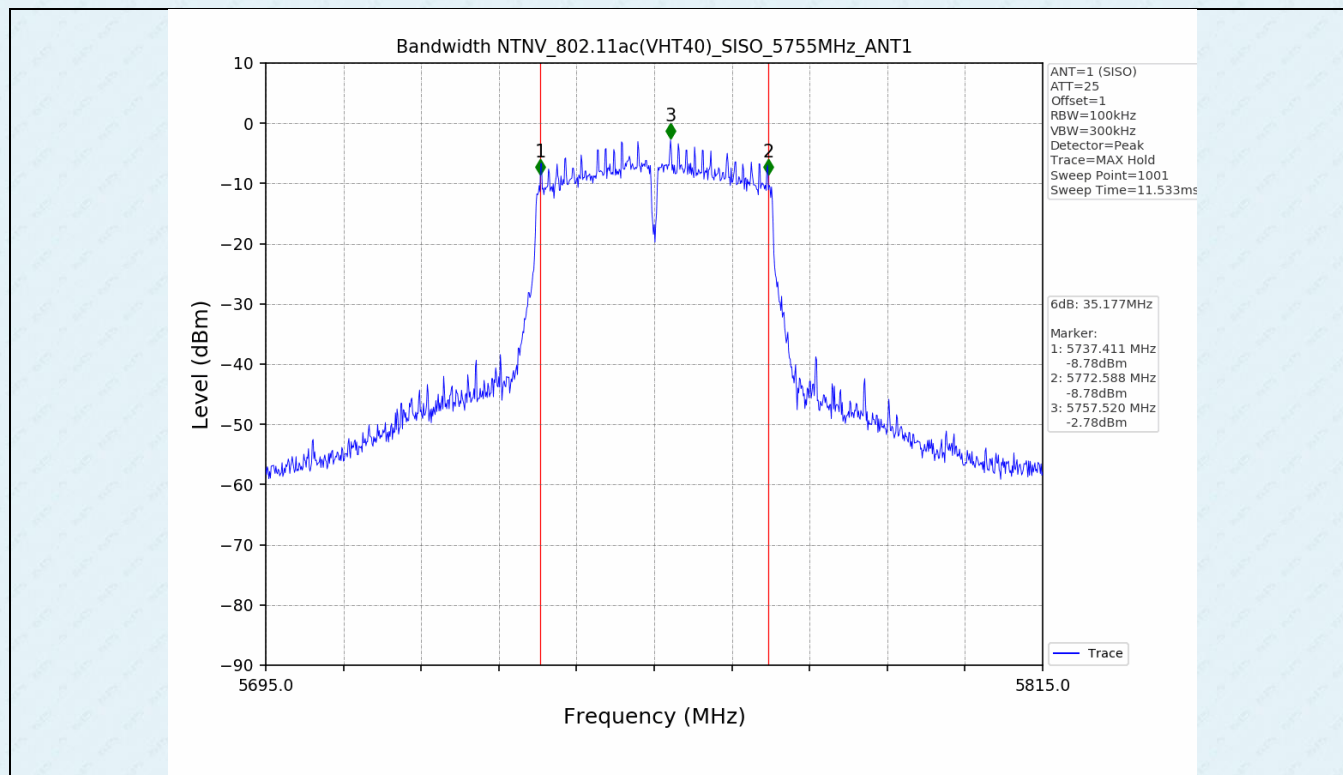
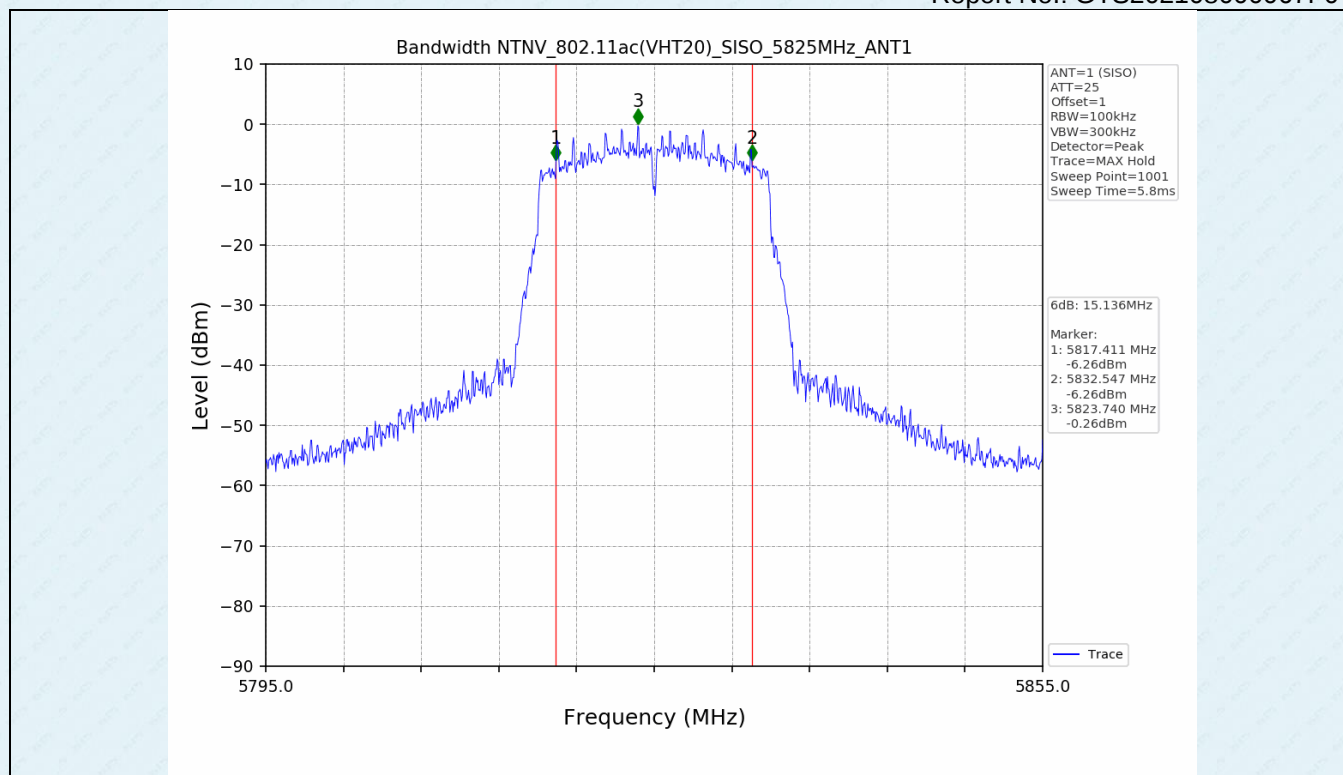


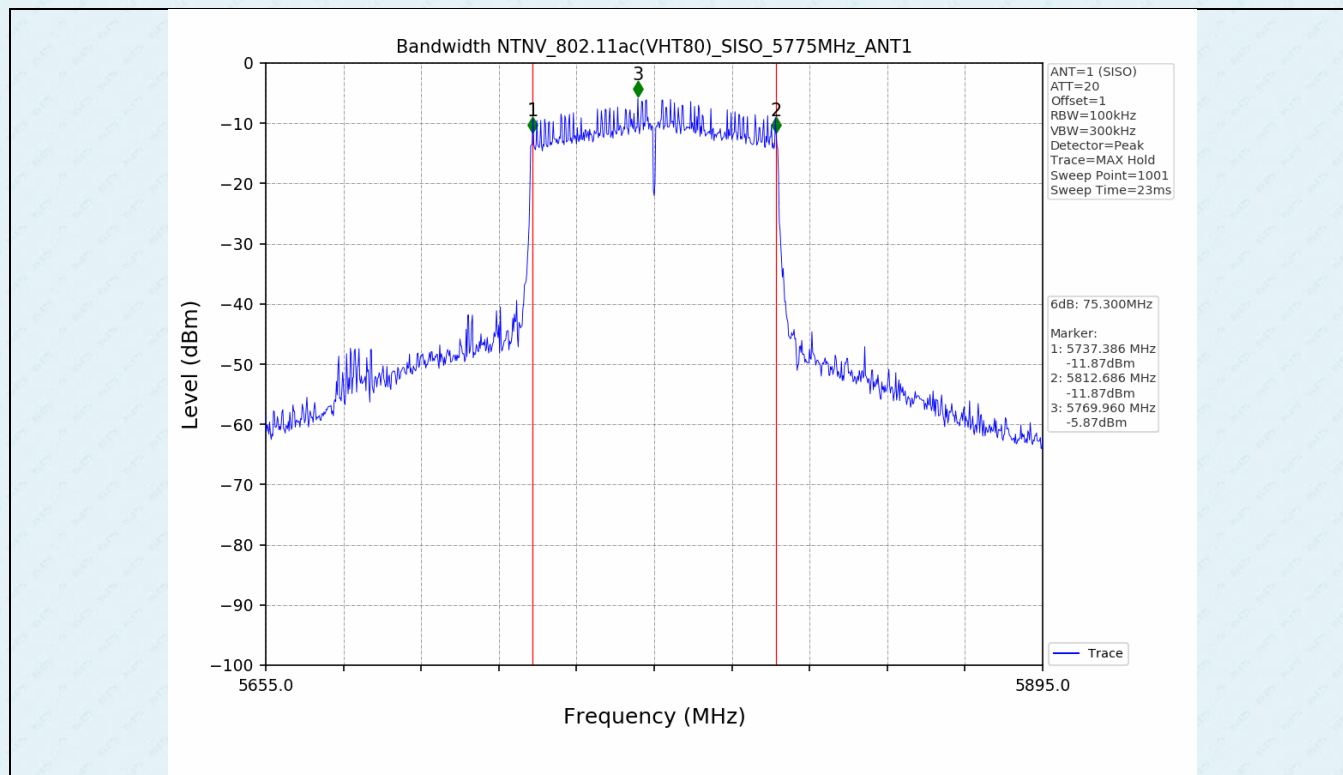
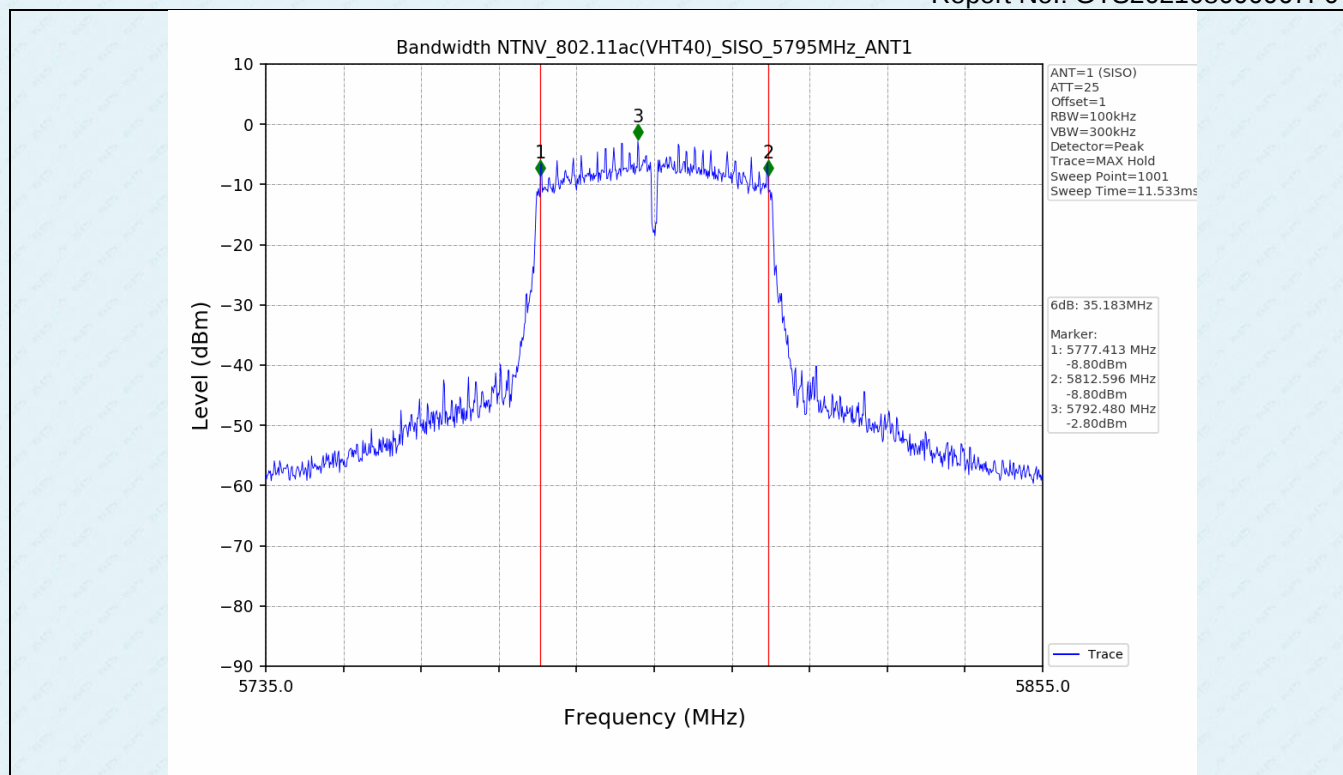












2.3 Test Graph - 99% Occupied Bandwidth

ANT 1:

