

Appendix for 15.407

Product Name: Industrial Microcomputer

Test Model: FRD-WS-HD

1. Bandwidth

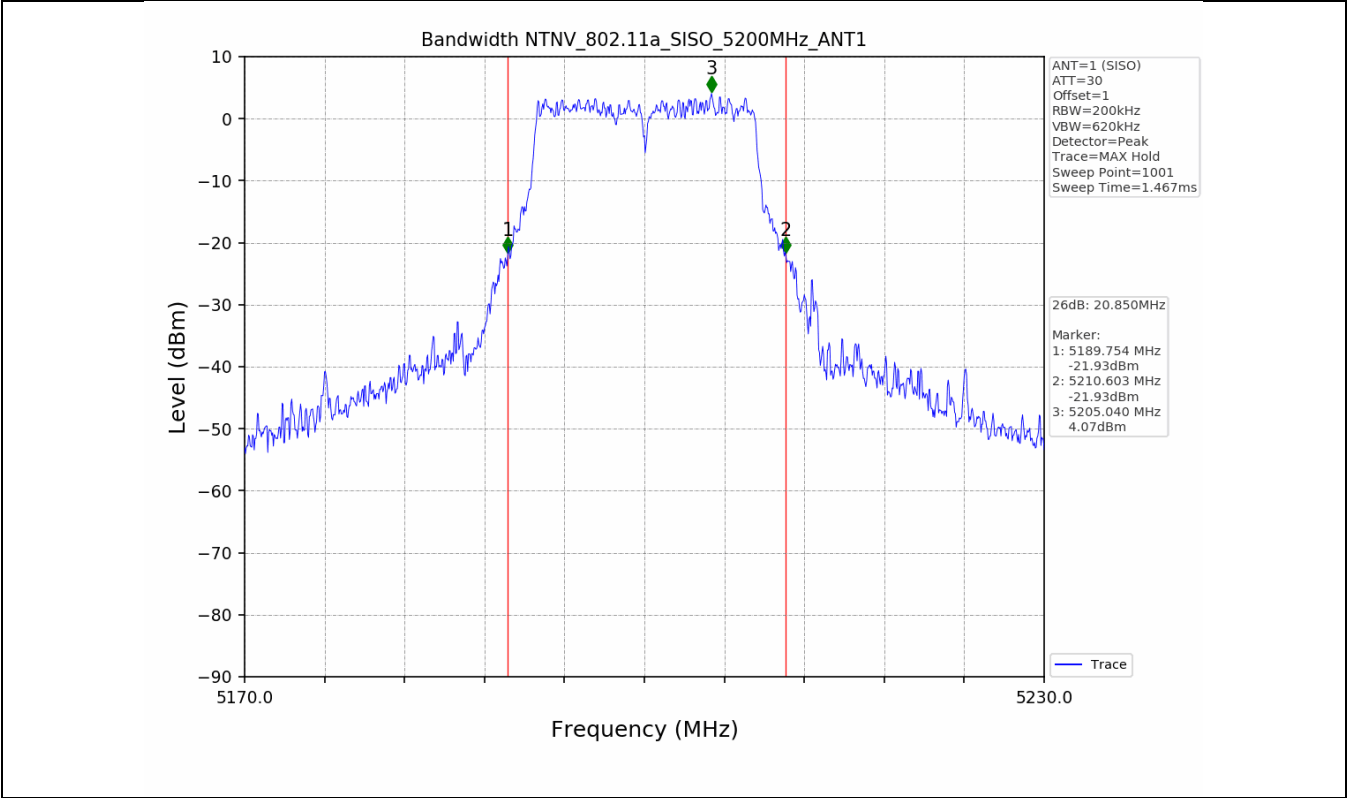
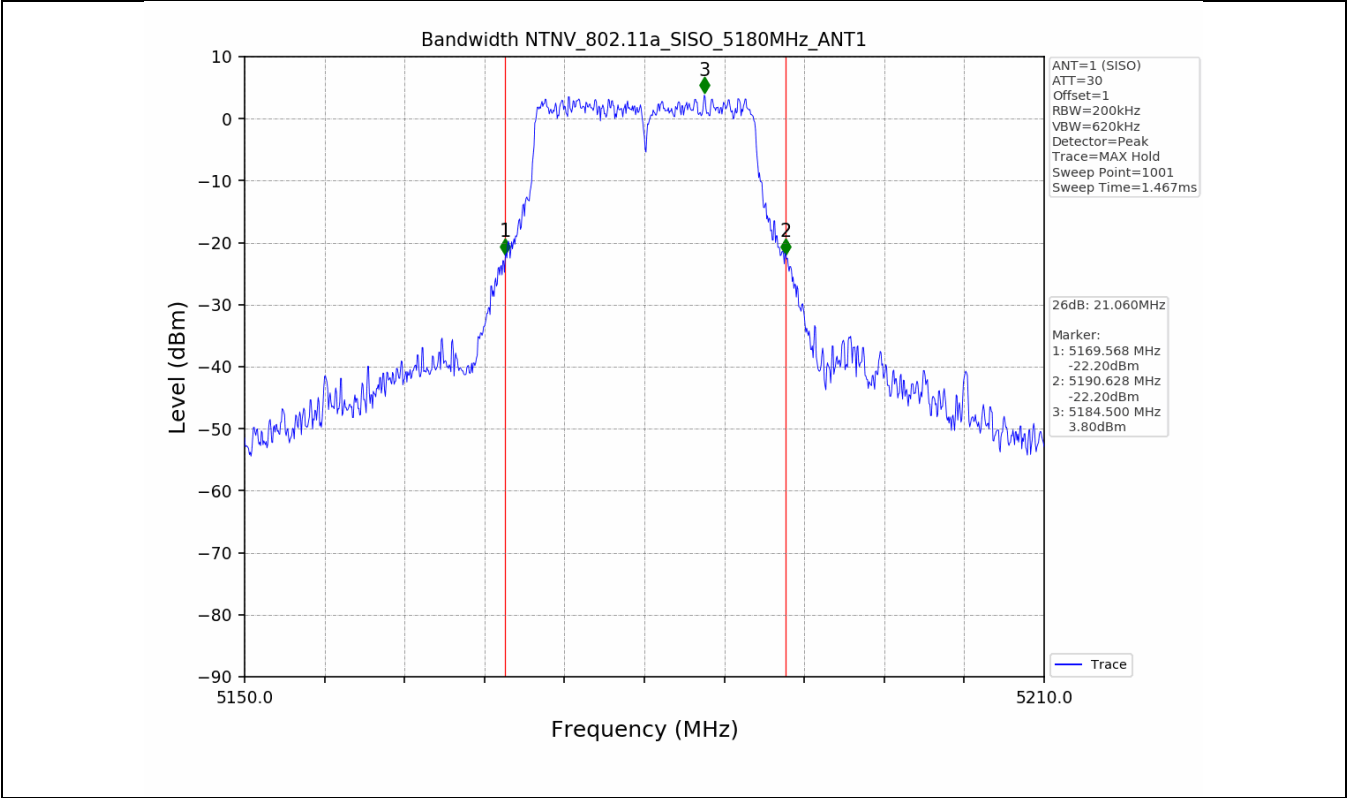
1.1 Test Result

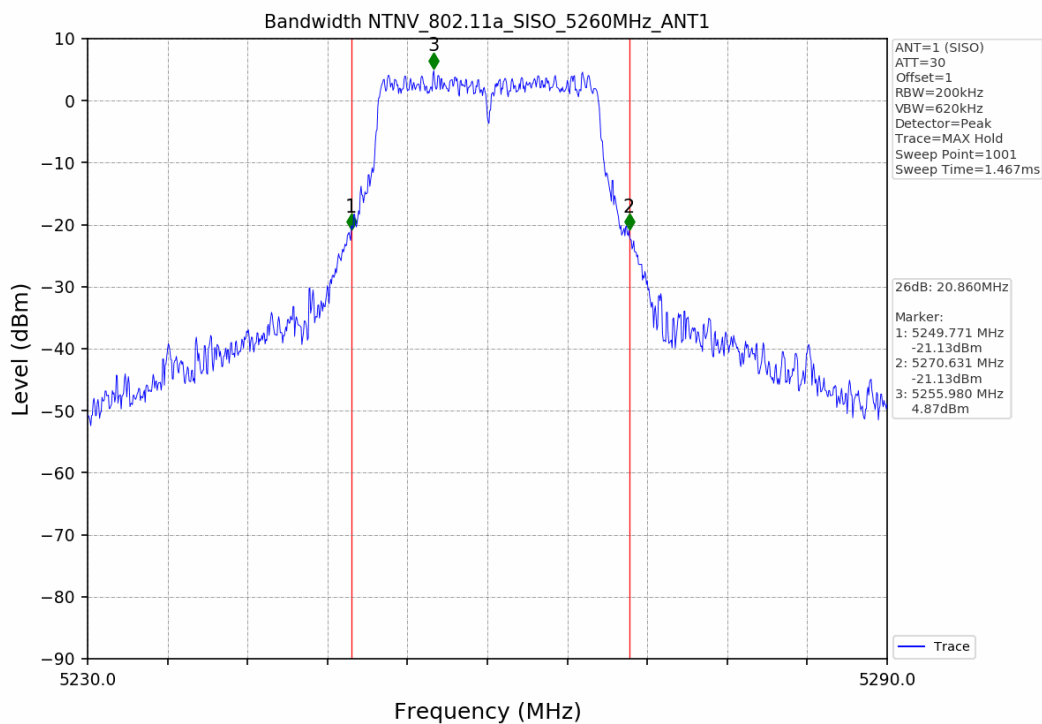
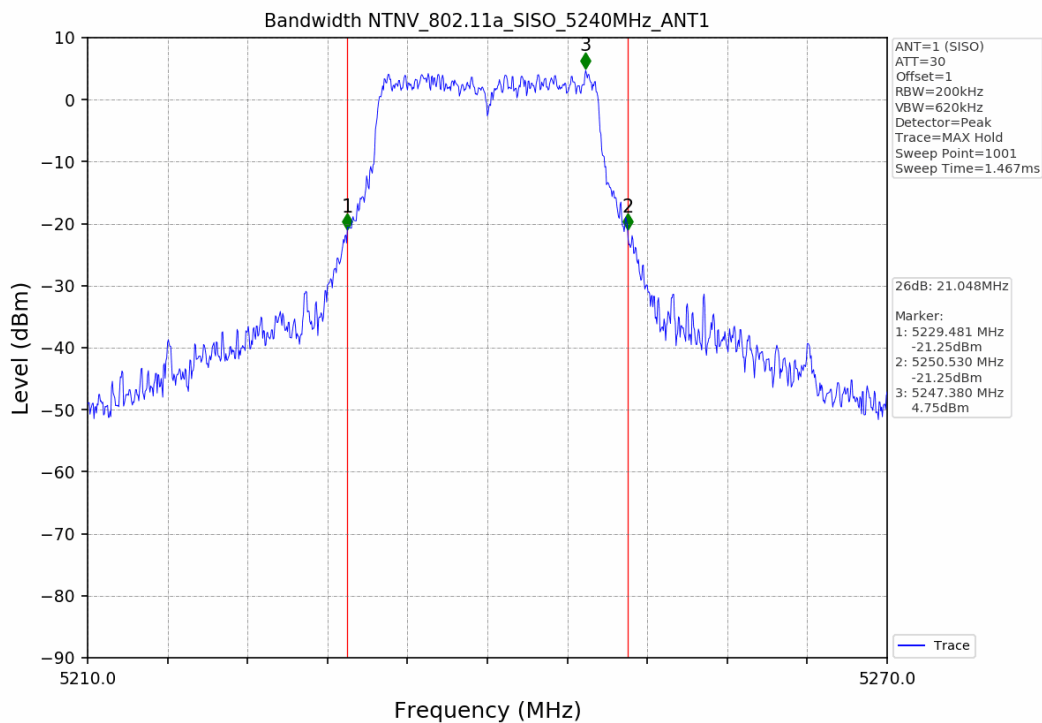
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	21.060	Only for Report Use	PASS
	5200	SISO	1	20.850	Only for Report Use	PASS
	5240	SISO	1	21.048	Only for Report Use	PASS
	5260	SISO	1	20.860	Only for Report Use	PASS
	5300	SISO	1	21.106	Only for Report Use	PASS
	5320	SISO	1	20.783	Only for Report Use	PASS
	5500	SISO	1	21.695	Only for Report Use	PASS
	5580	SISO	1	37.290	Only for Report Use	PASS
	5600	SISO	1	21.341	Only for Report Use	PASS
802.11n(HT20)	5700	SISO	1	21.825	Only for Report Use	PASS
	5180	SISO	1	21.763	Only for Report Use	PASS
	5200	SISO	1	21.444	Only for Report Use	PASS
	5240	SISO	1	21.605	Only for Report Use	PASS
	5260	SISO	1	21.963	Only for Report Use	PASS
	5300	SISO	1	21.643	Only for Report Use	PASS
	5320	SISO	1	21.628	Only for Report Use	PASS
	5500	SISO	1	21.901	Only for Report Use	PASS
	5580	SISO	1	21.667	Only for Report Use	PASS
802.11n(HT40)	5600	SISO	1	21.851	Only for Report Use	PASS
	5700	SISO	1	21.696	Only for Report Use	PASS
	5190	SISO	1	41.631	Only for Report Use	PASS
	5230	SISO	1	42.047	Only for Report Use	PASS
	5270	SISO	1	42.059	Only for Report Use	PASS
	5310	SISO	1	42.683	Only for Report Use	PASS
	5510	SISO	1	41.843	Only for Report Use	PASS
	5550	SISO	1	42.235	Only for Report Use	PASS
	5590	SISO	1	42.214	Only for Report Use	PASS
	5670	SISO	1	41.784	Only for Report Use	PASS

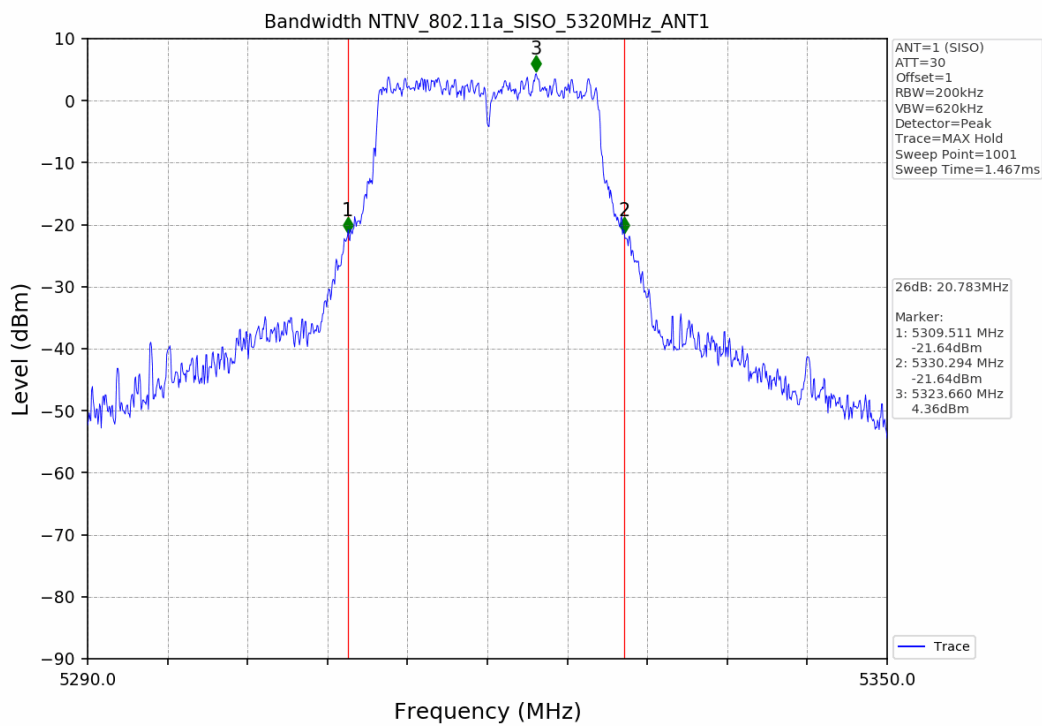
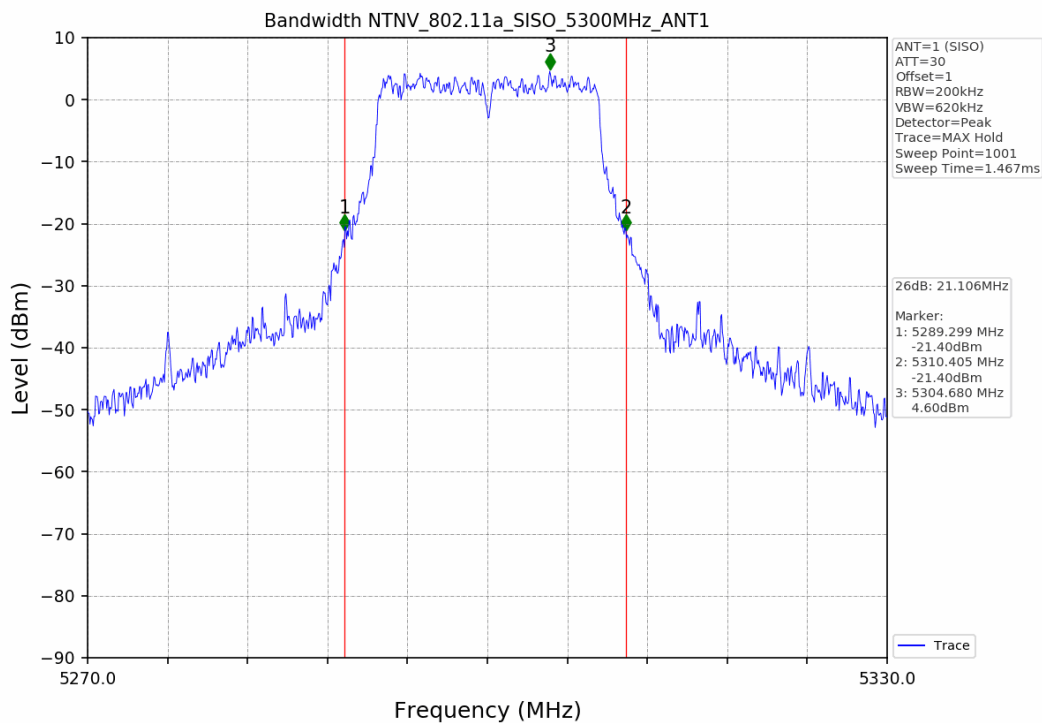
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.479	≥0.5	PASS
	5785	SISO	1	16.510	≥0.5	PASS
	5825	SISO	1	16.511	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	17.735	≥0.5	PASS
	5785	SISO	1	17.734	≥0.5	PASS
	5825	SISO	1	17.770	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.853	≥0.5	PASS
	5795	SISO	1	35.874	≥0.5	PASS

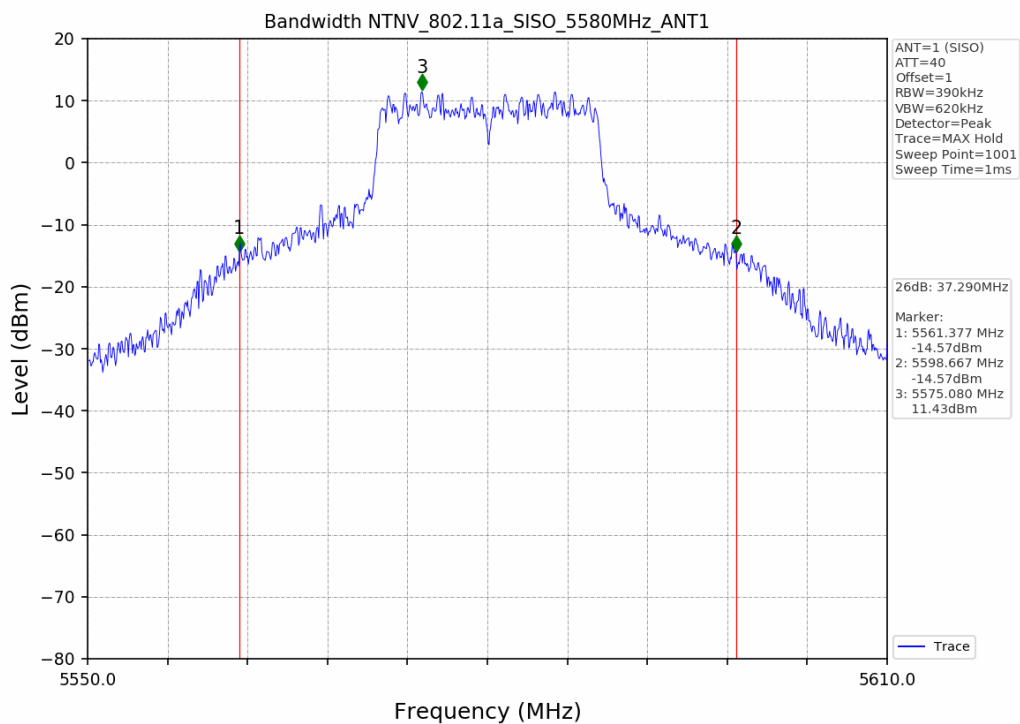
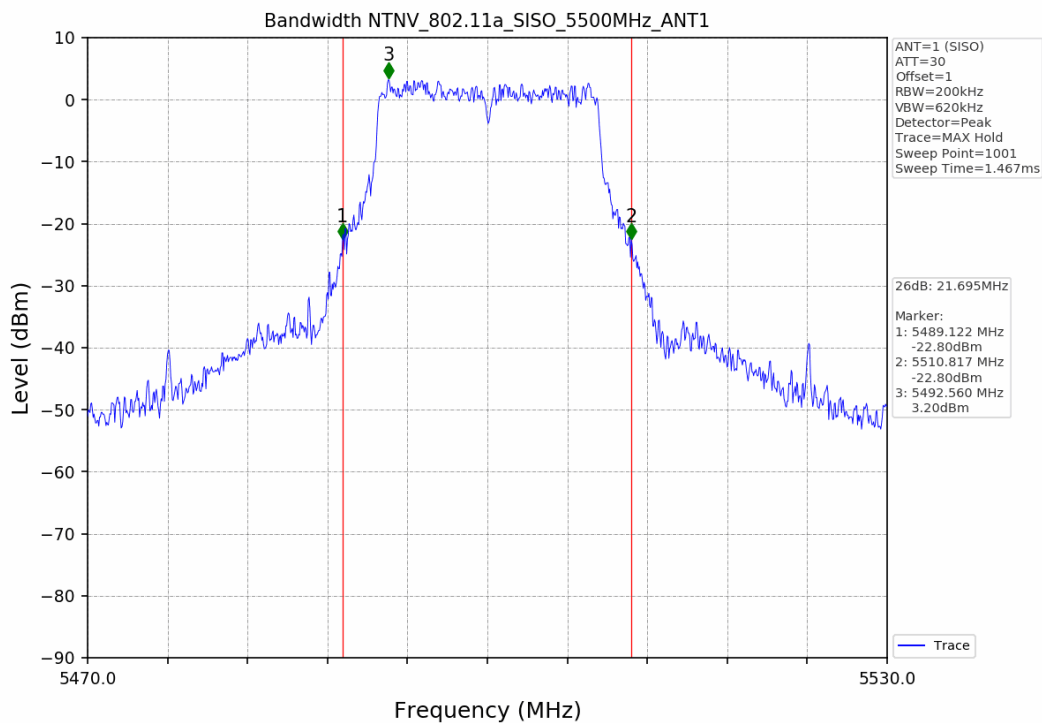
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.845	Only for Report Use
	5200	SISO	1	16.815	Only for Report Use
	5240	SISO	1	16.855	Only for Report Use
	5260	SISO	1	16.796	Only for Report Use
	5300	SISO	1	16.884	Only for Report Use
	5320	SISO	1	16.826	Only for Report Use
	5500	SISO	1	16.787	Only for Report Use
	5580	SISO	1	21.903	Only for Report Use
	5600	SISO	1	16.948	Only for Report Use
	5700	SISO	1	16.826	Only for Report Use
	5745	SISO	1	16.906	Only for Report Use
	5785	SISO	1	16.807	Only for Report Use
802.11n(HT20)	5825	SISO	1	16.801	Only for Report Use
	5180	SISO	1	17.921	Only for Report Use
	5200	SISO	1	17.883	Only for Report Use
	5240	SISO	1	17.943	Only for Report Use
	5260	SISO	1	17.963	Only for Report Use
	5300	SISO	1	17.947	Only for Report Use
	5320	SISO	1	17.968	Only for Report Use
	5500	SISO	1	18.013	Only for Report Use
	5580	SISO	1	17.925	Only for Report Use
	5600	SISO	1	17.924	Only for Report Use
	5700	SISO	1	17.949	Only for Report Use
	5745	SISO	1	18.012	Only for Report Use
802.11n(HT40)	5785	SISO	1	17.933	Only for Report Use
	5825	SISO	1	17.935	Only for Report Use
	5190	SISO	1	36.647	Only for Report Use
	5230	SISO	1	36.531	Only for Report Use
	5270	SISO	1	36.494	Only for Report Use
	5310	SISO	1	36.555	Only for Report Use
	5510	SISO	1	36.789	Only for Report Use
	5550	SISO	1	36.672	Only for Report Use
	5590	SISO	1	36.552	Only for Report Use
	5670	SISO	1	36.488	Only for Report Use
	5755	SISO	1	36.470	Only for Report Use
	5795	SISO	1	36.525	Only for Report Use

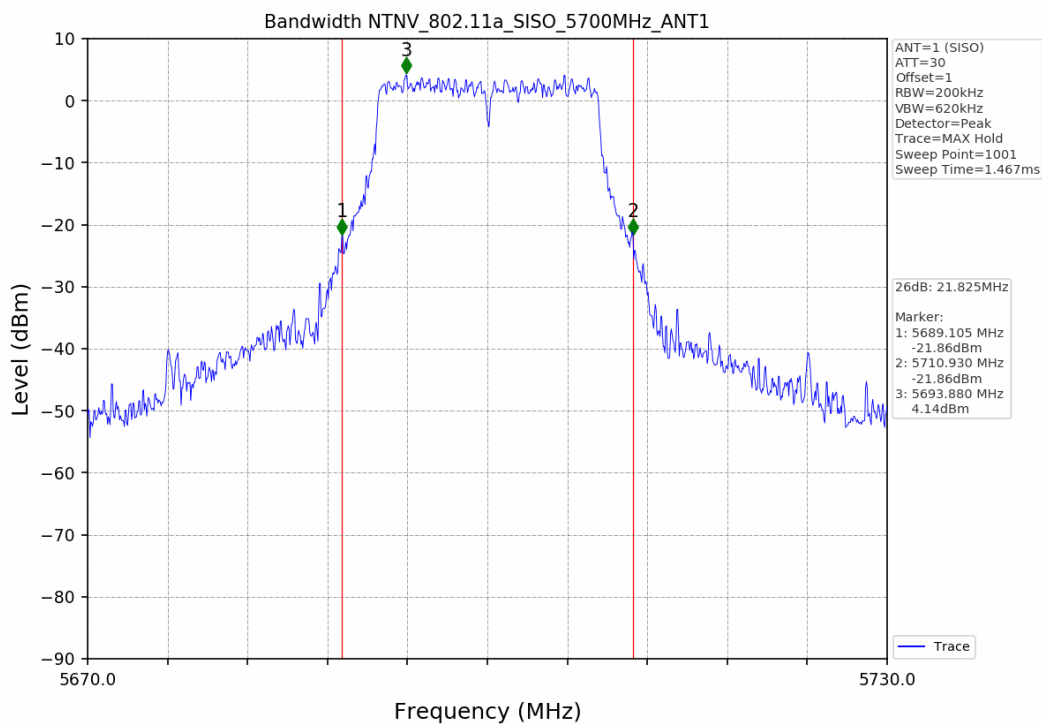
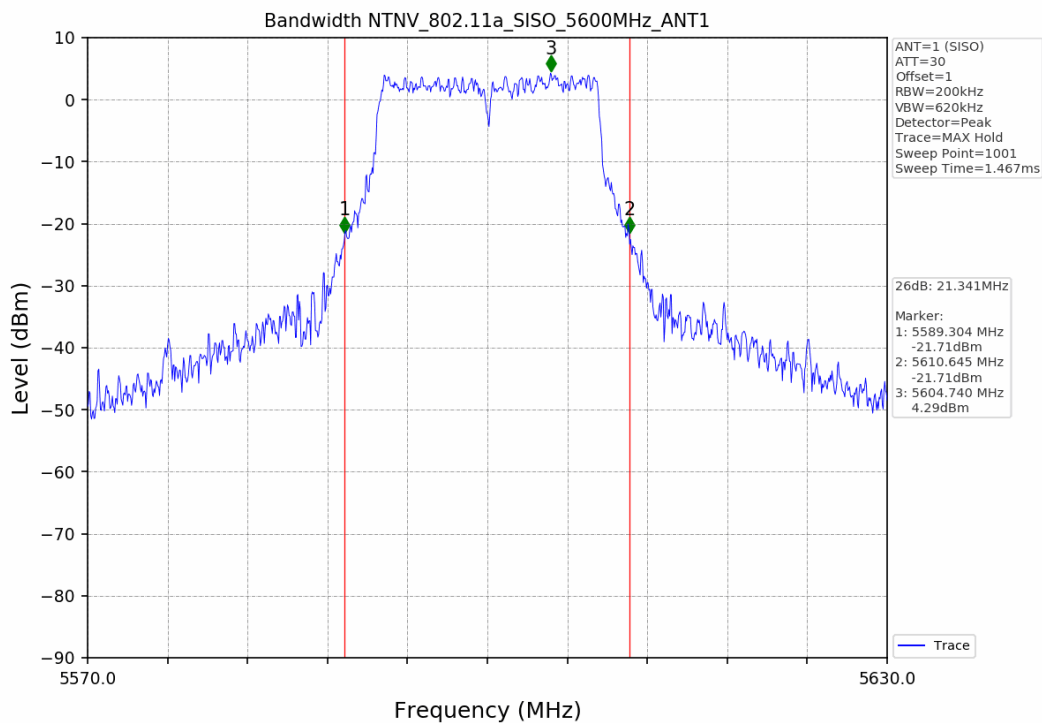
1.2 Test Graph - Emission Bandwidth

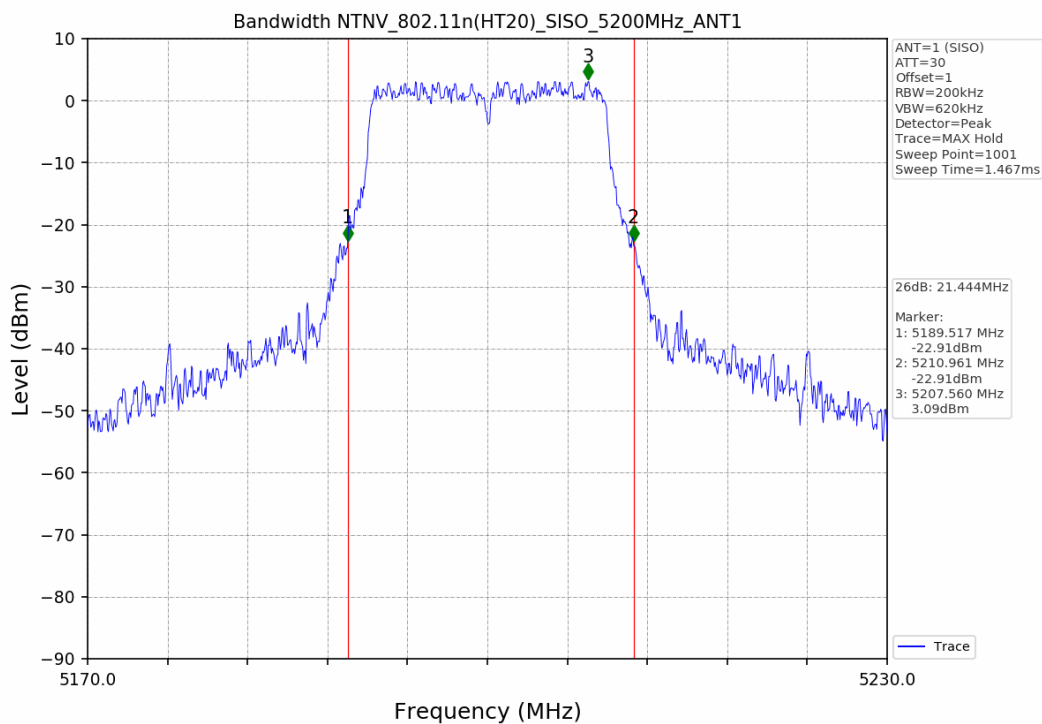
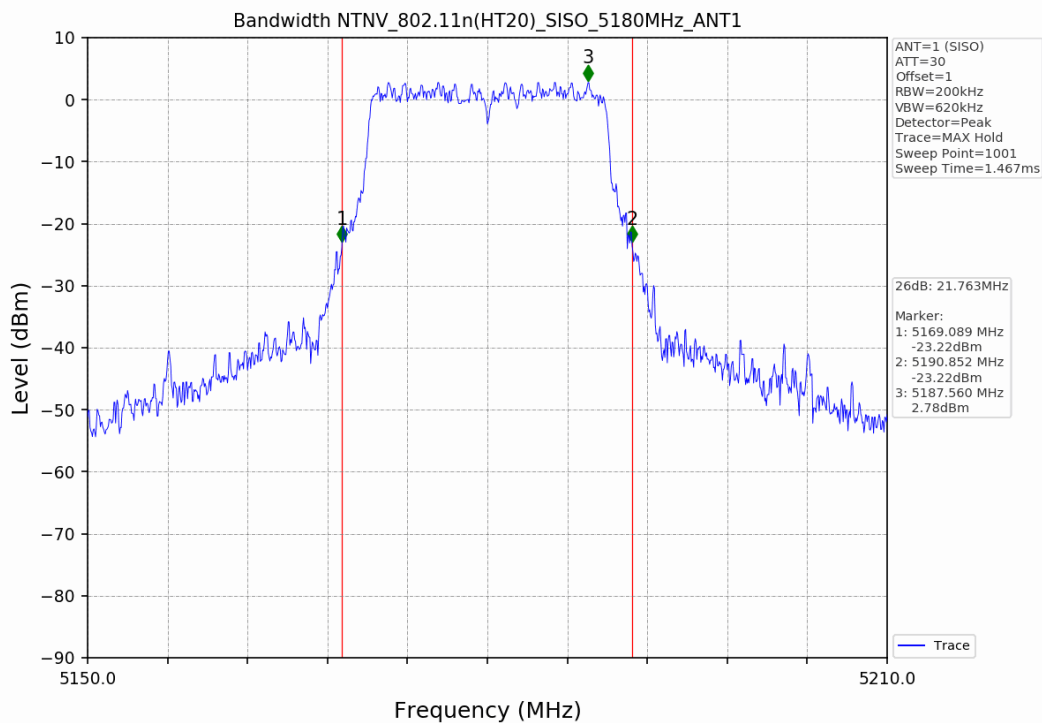


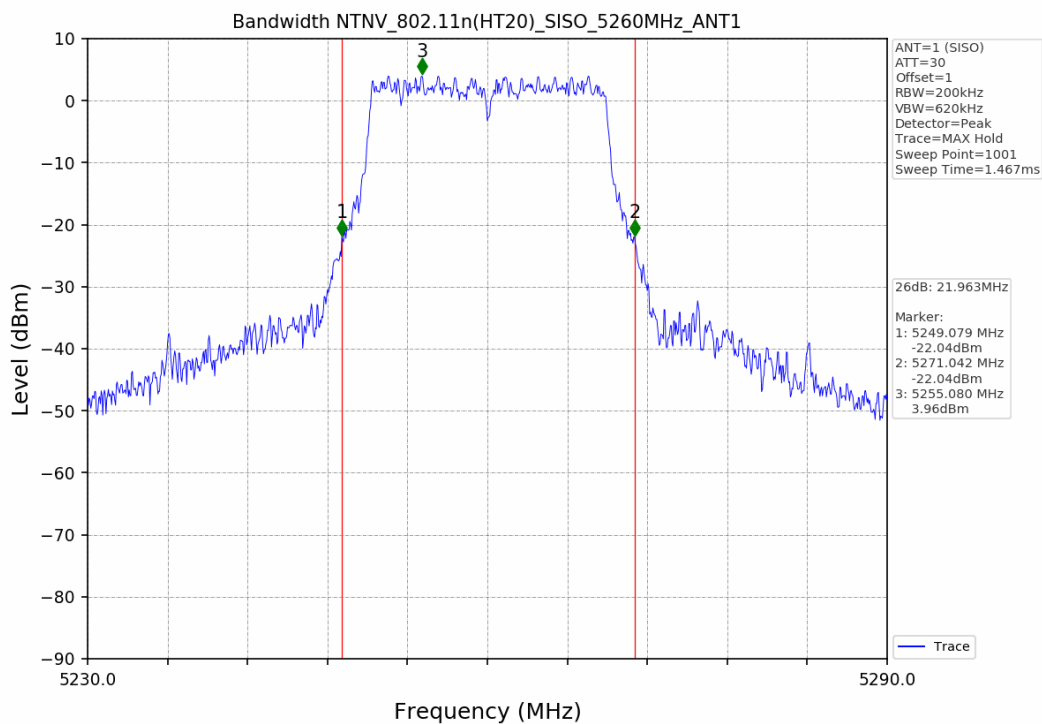
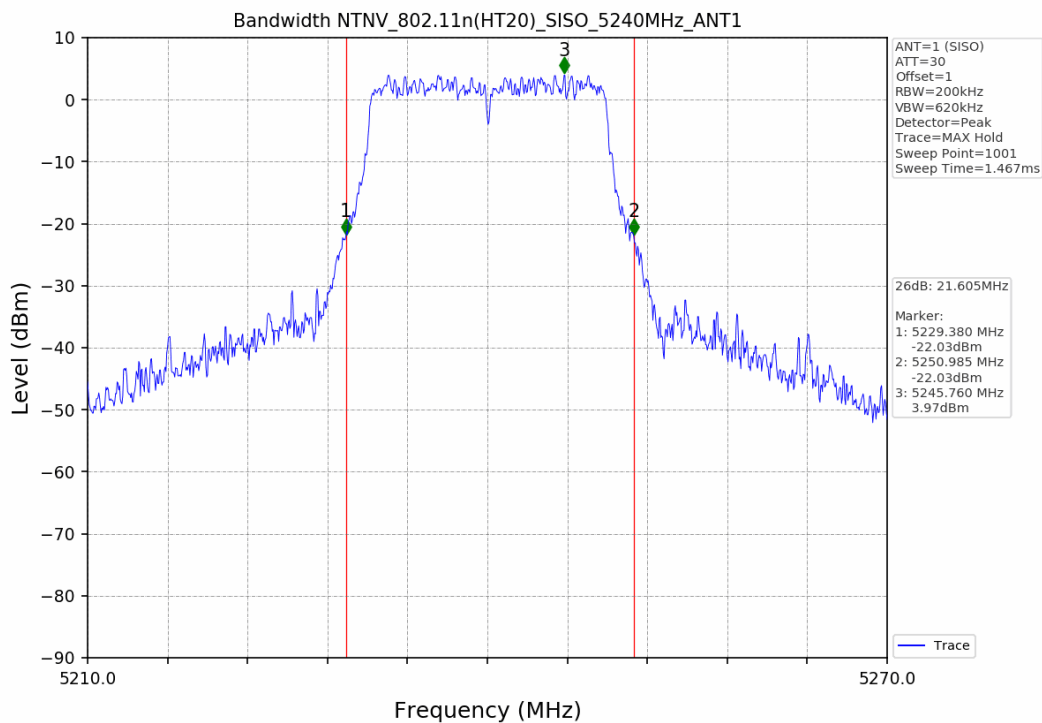


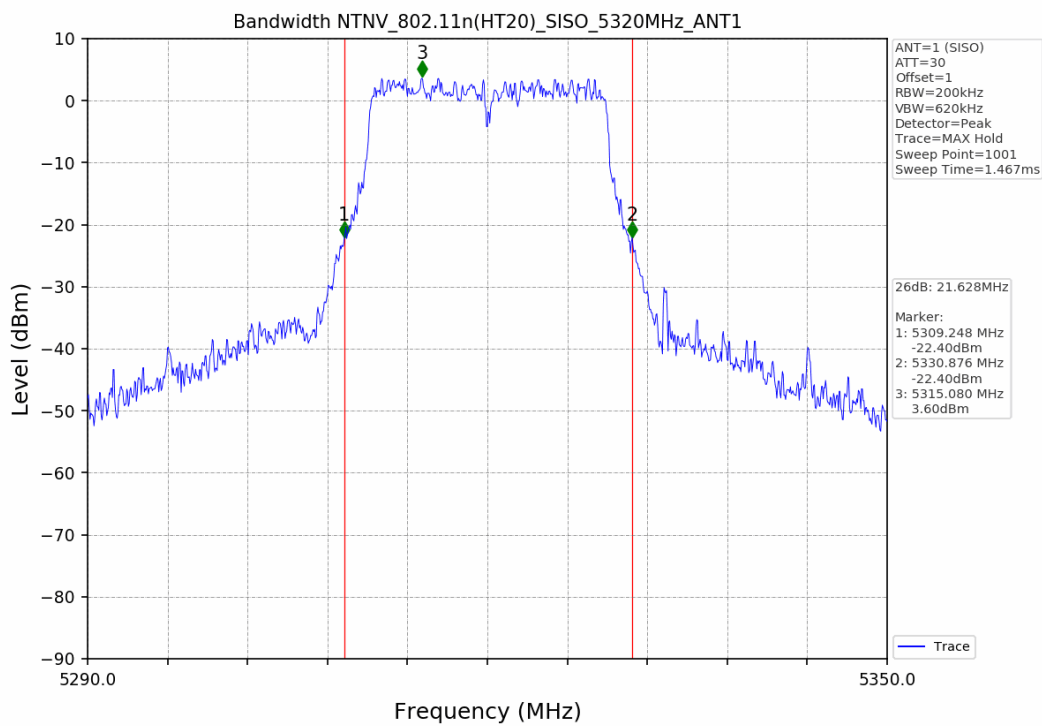
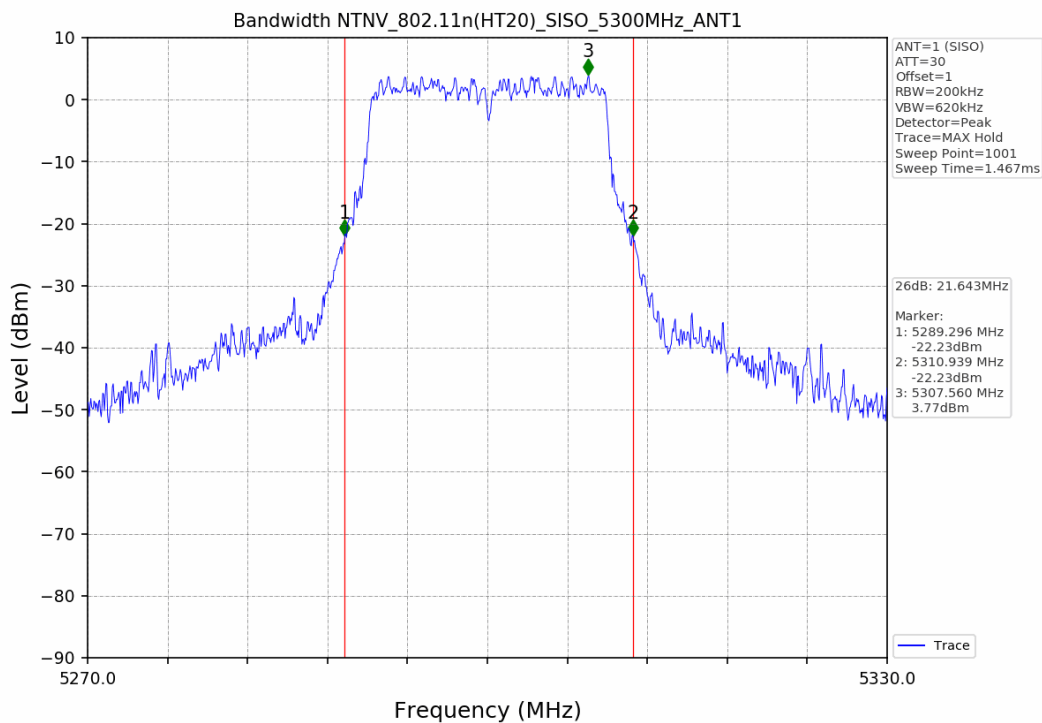


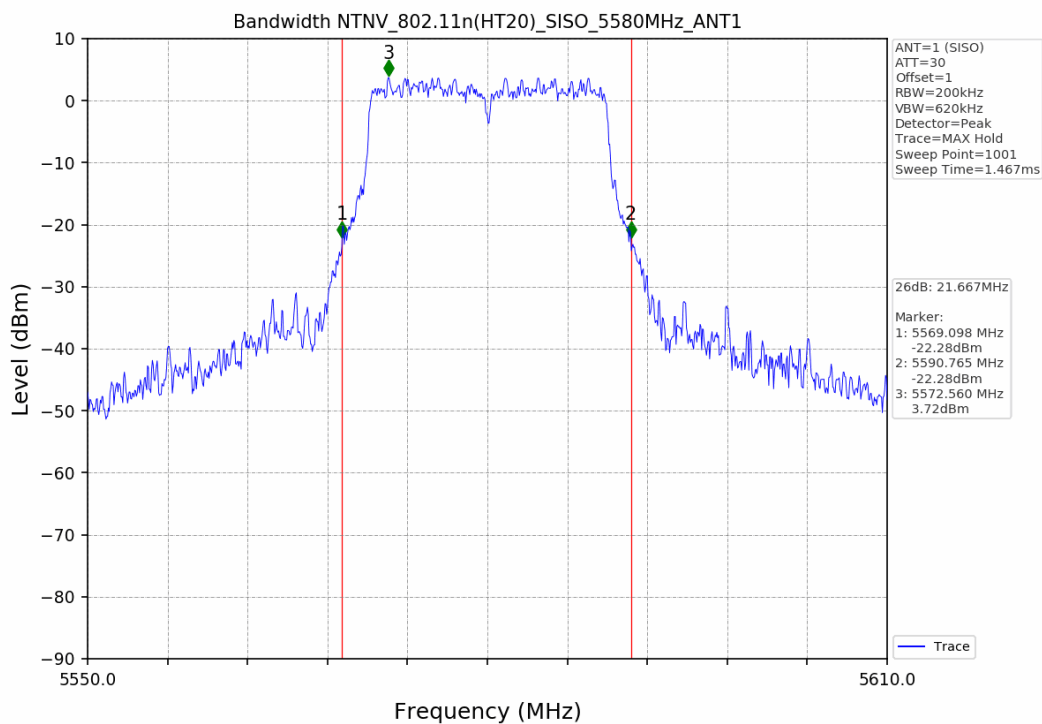
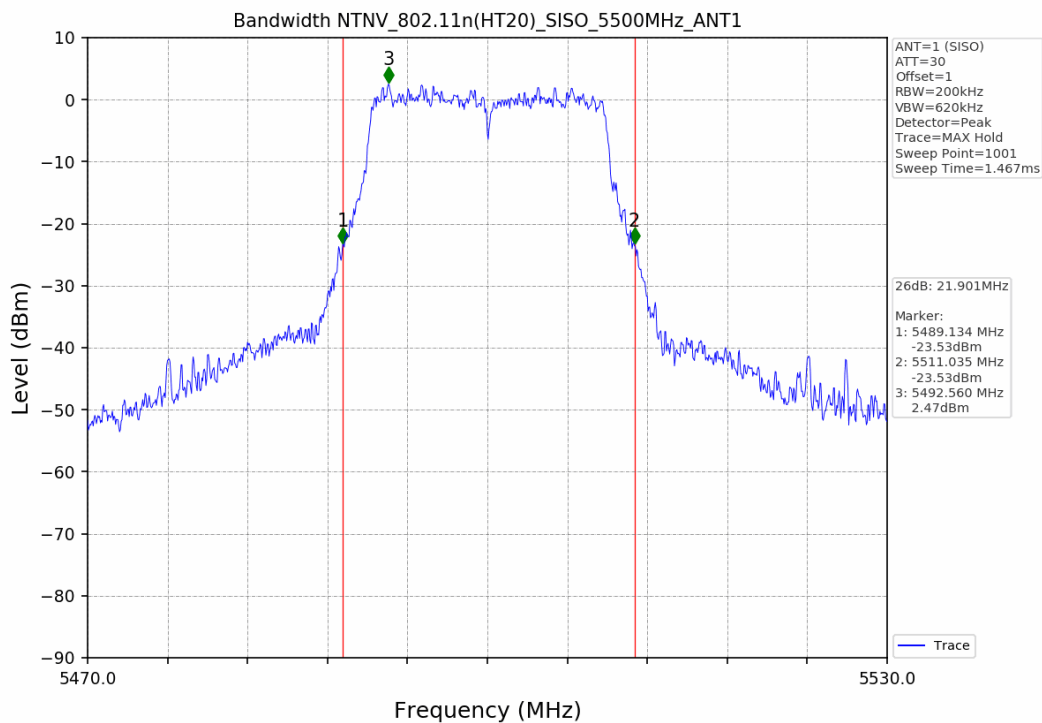


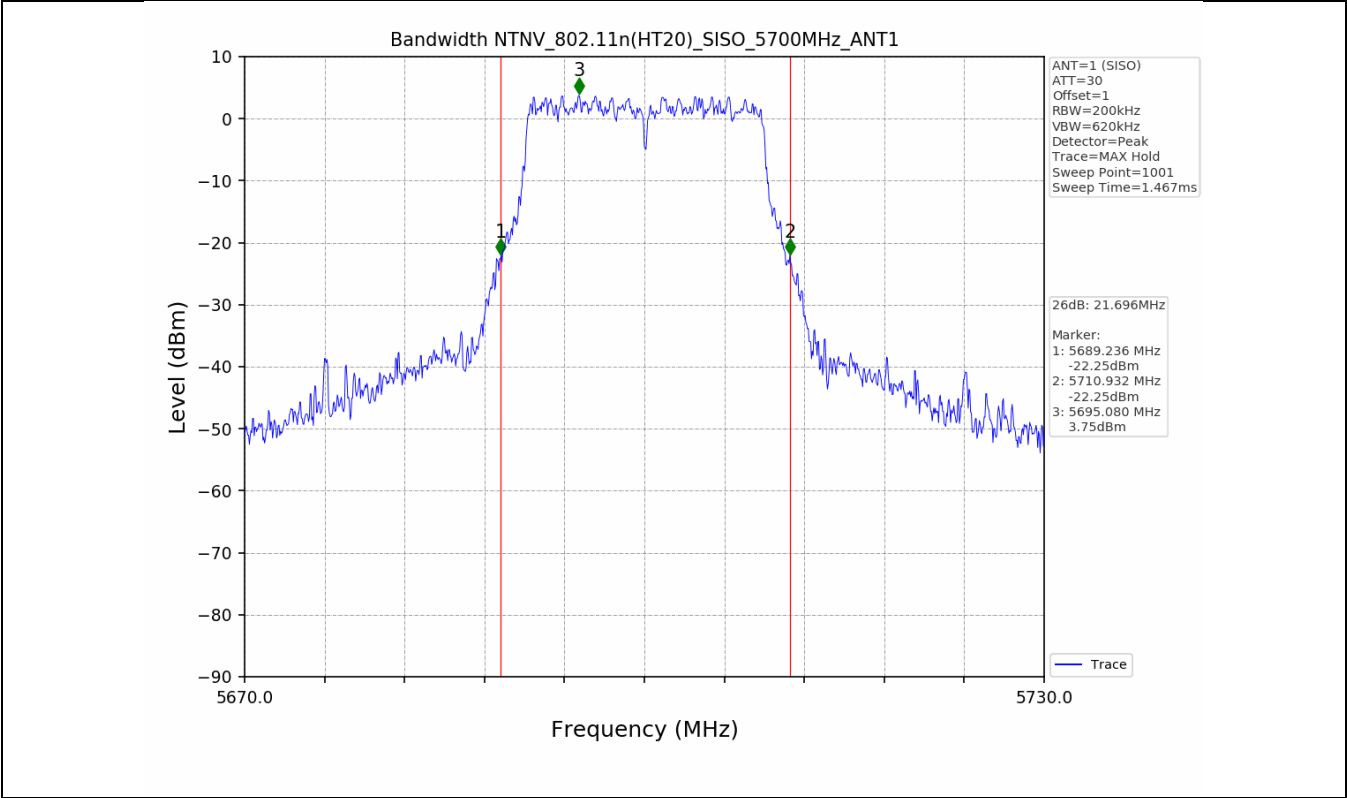
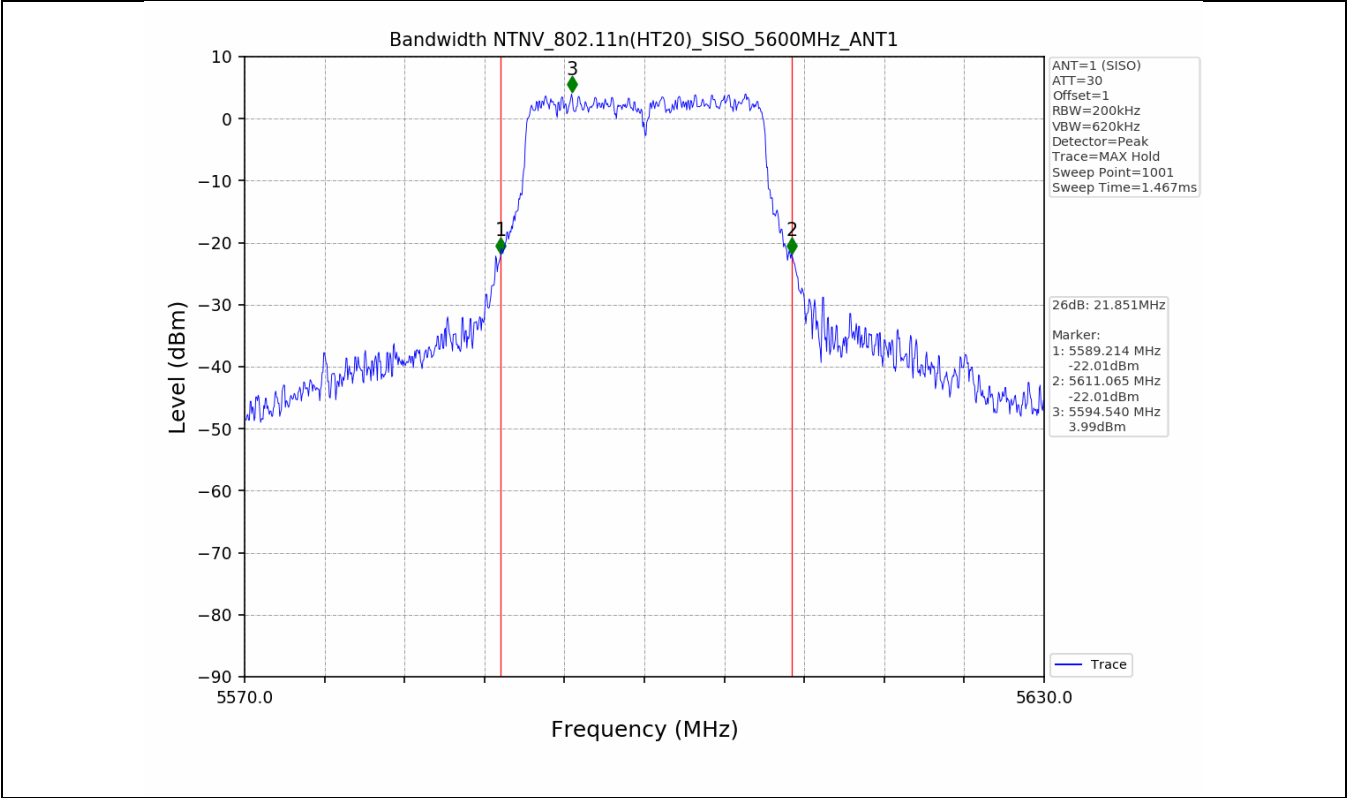


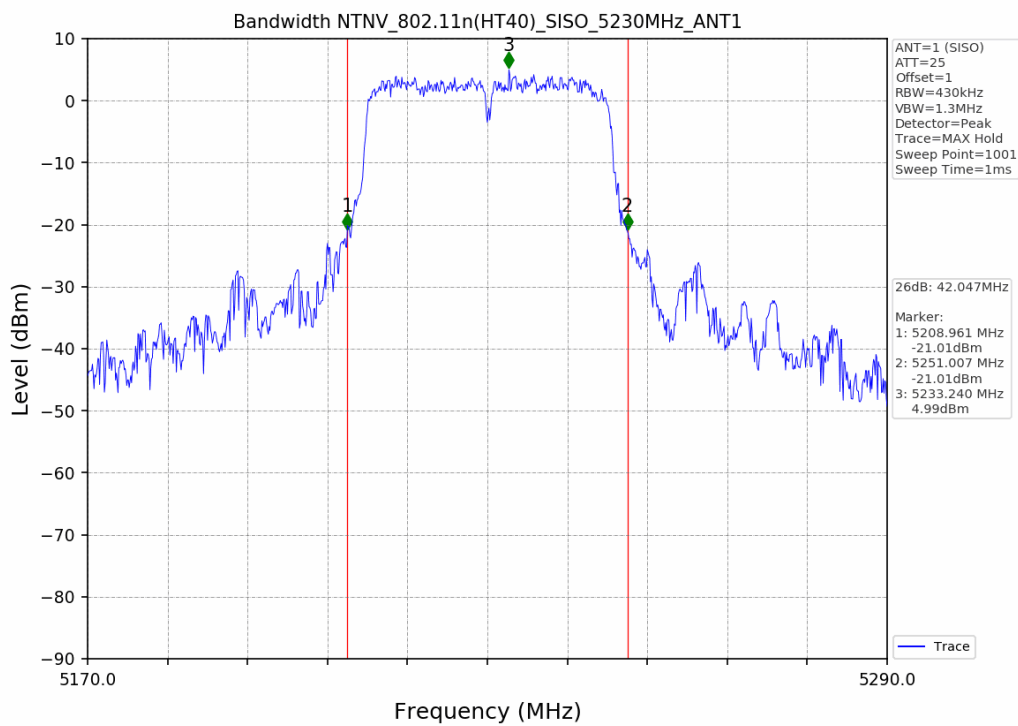
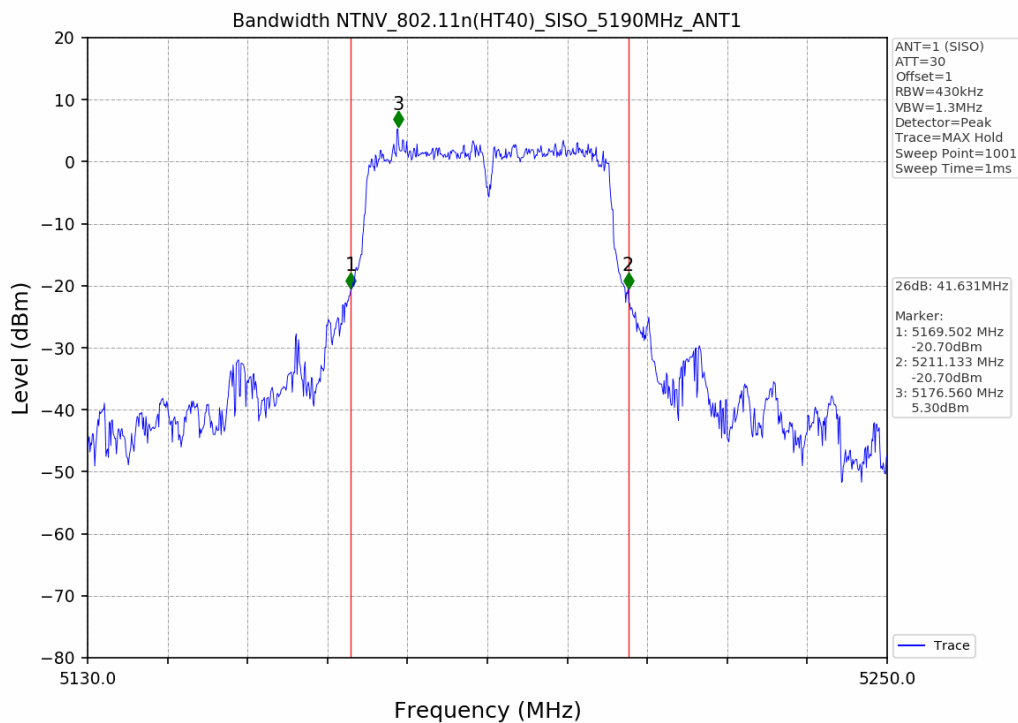


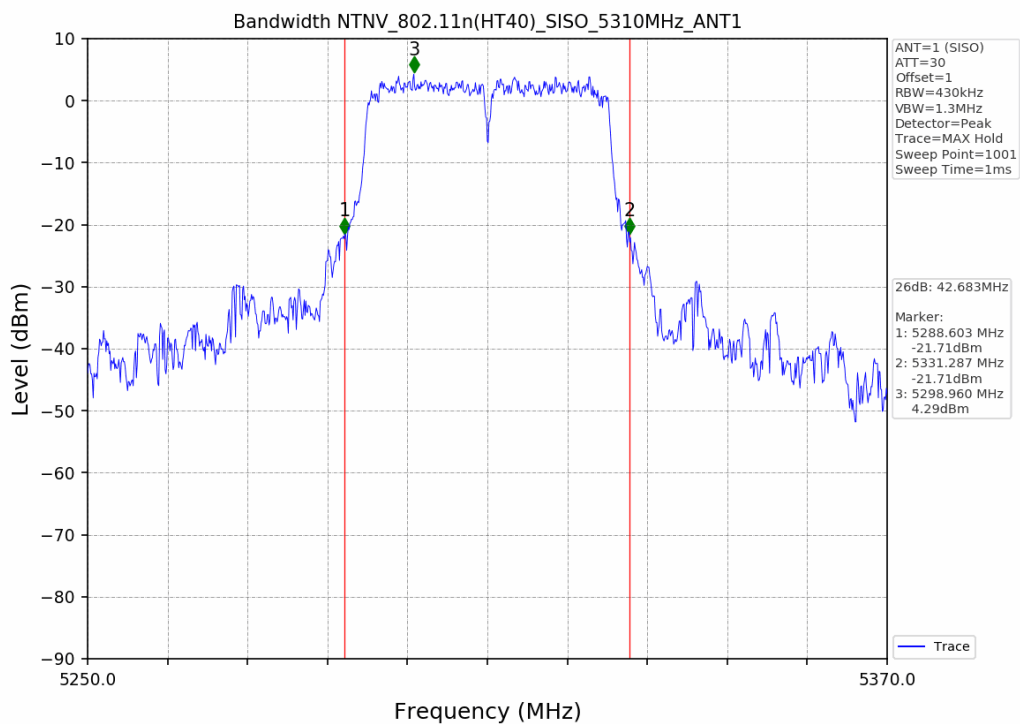
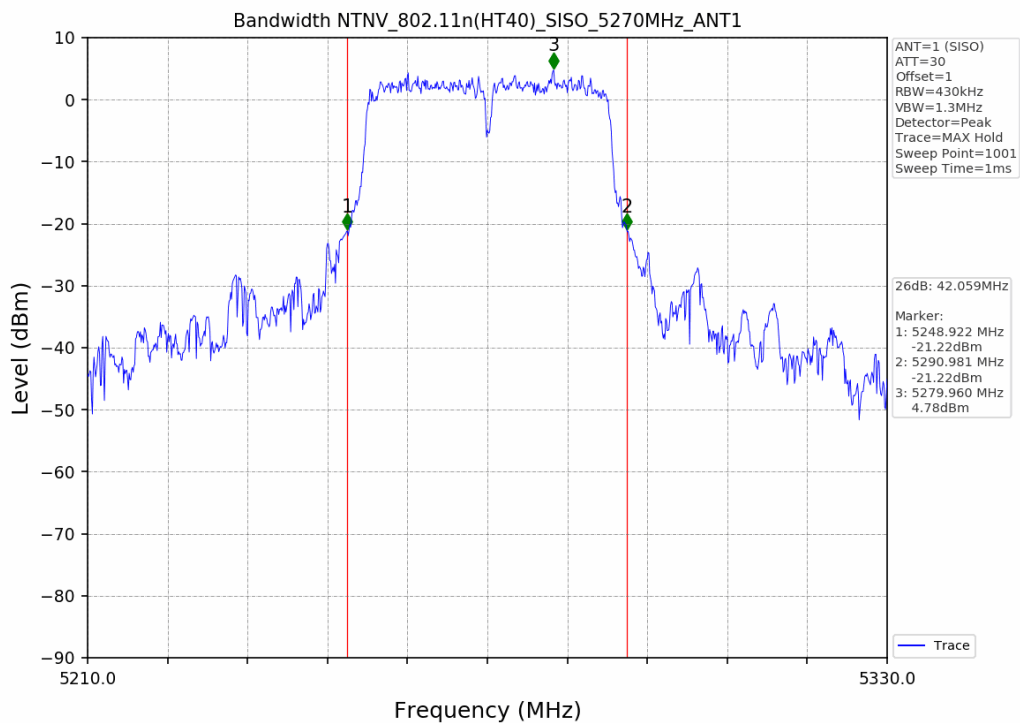


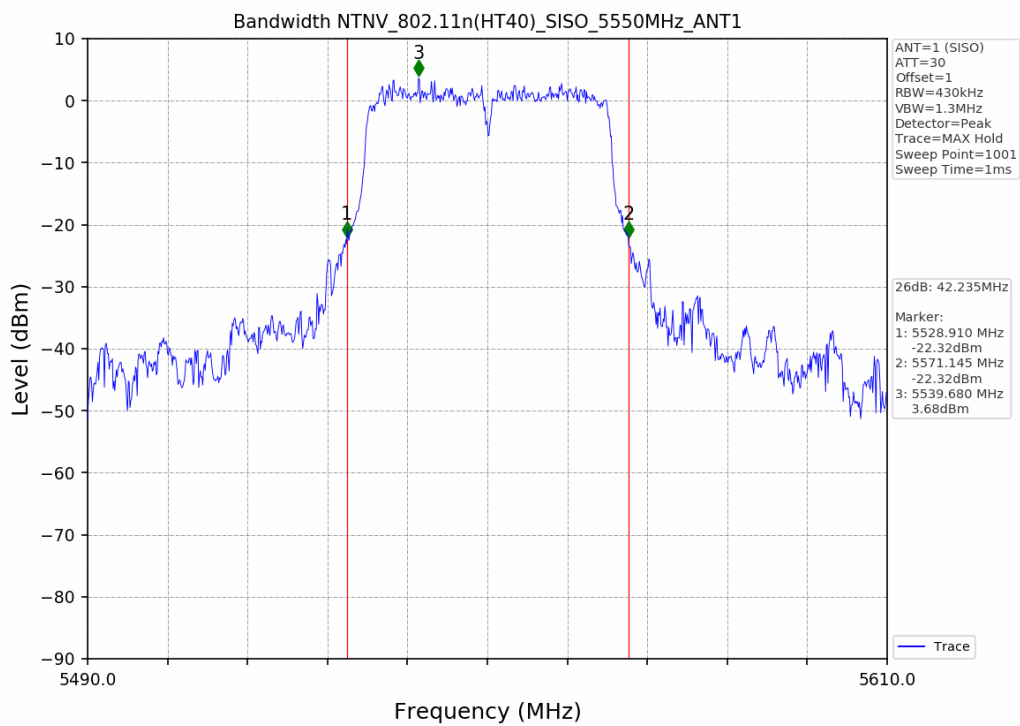
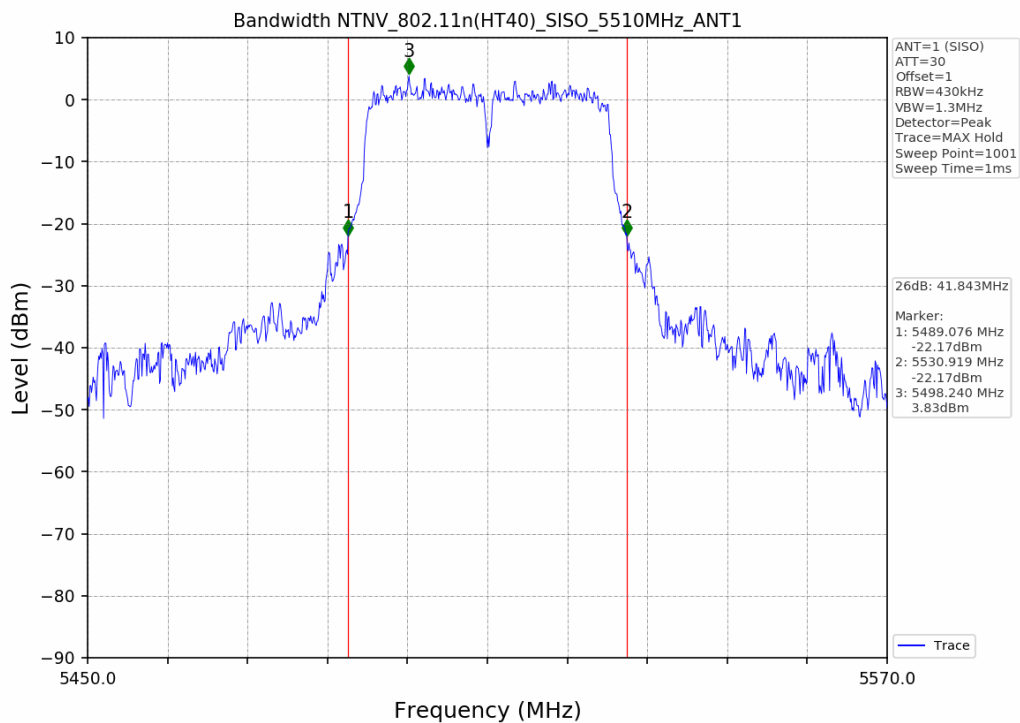


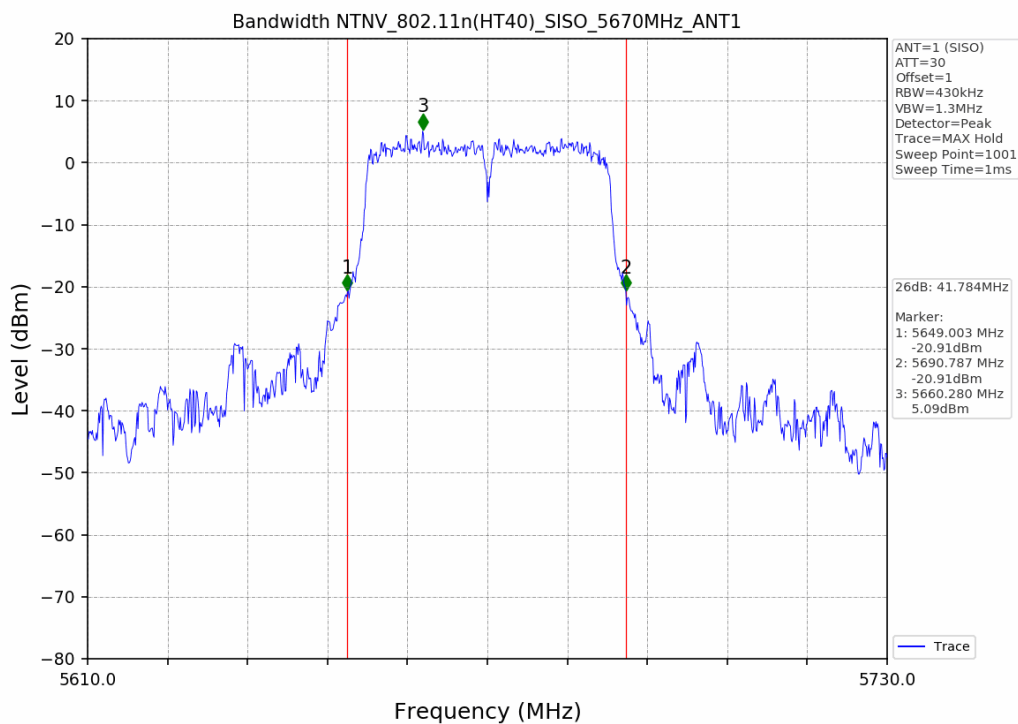
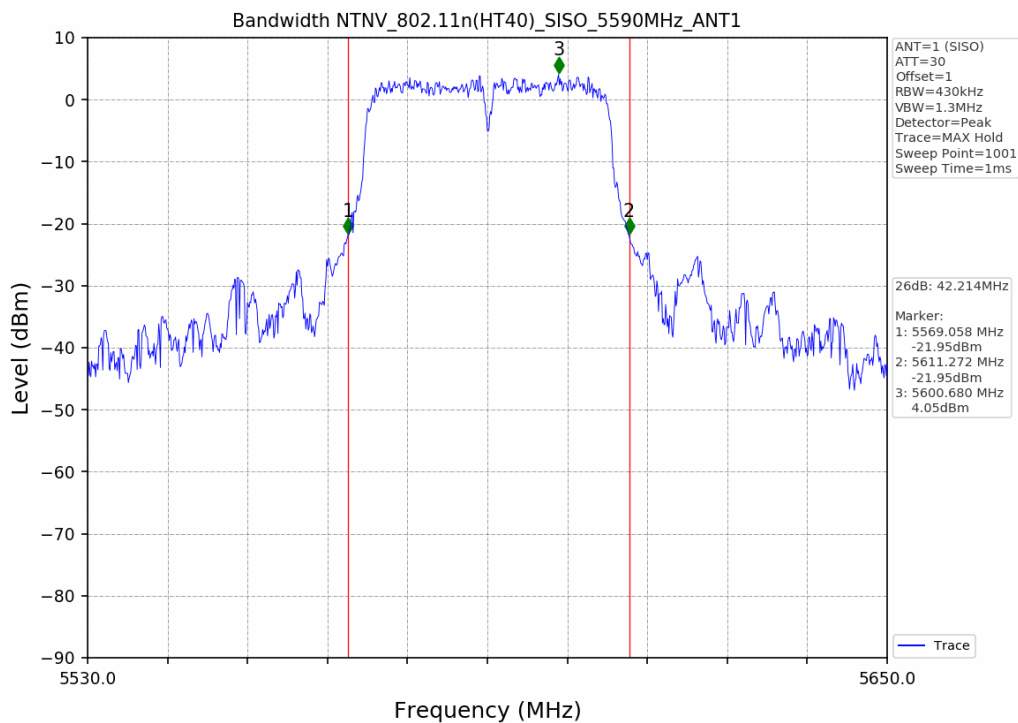


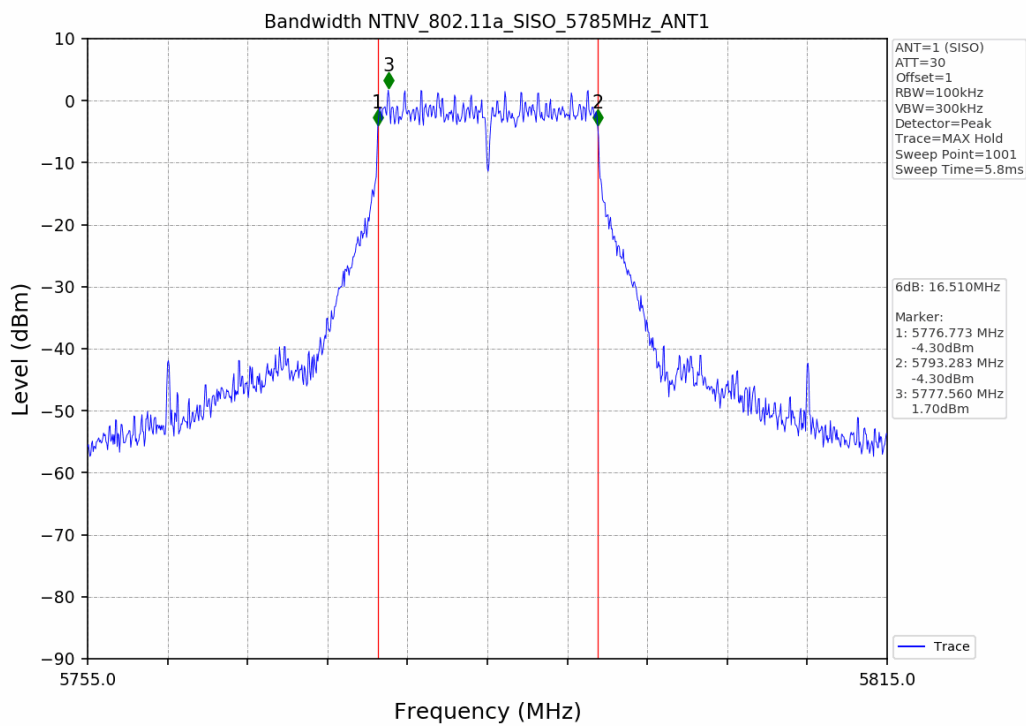
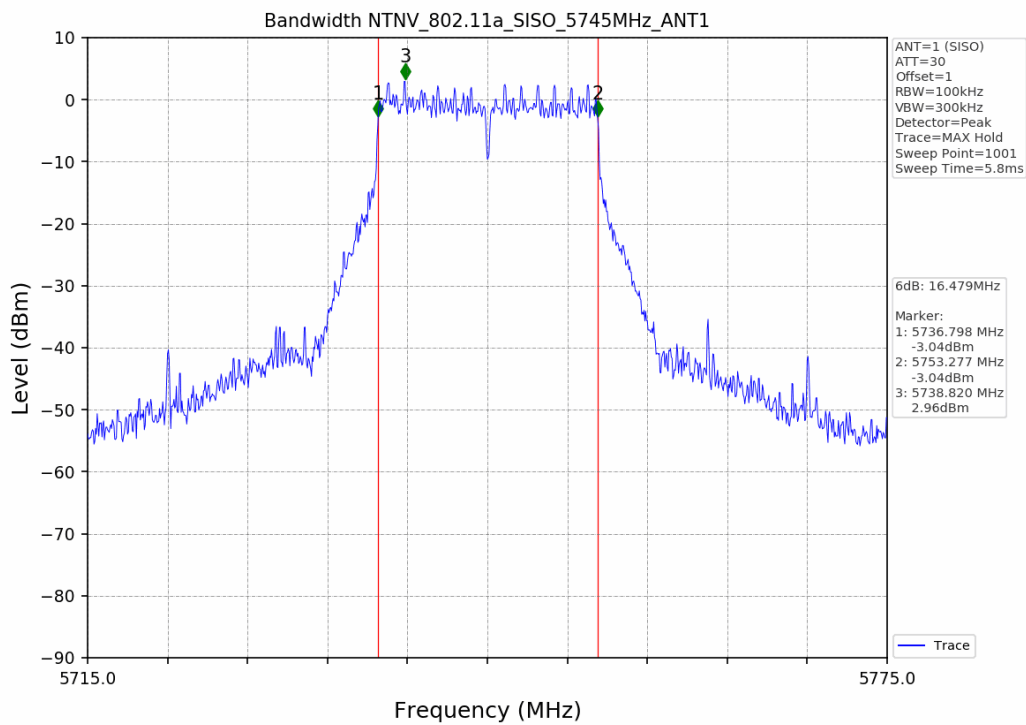


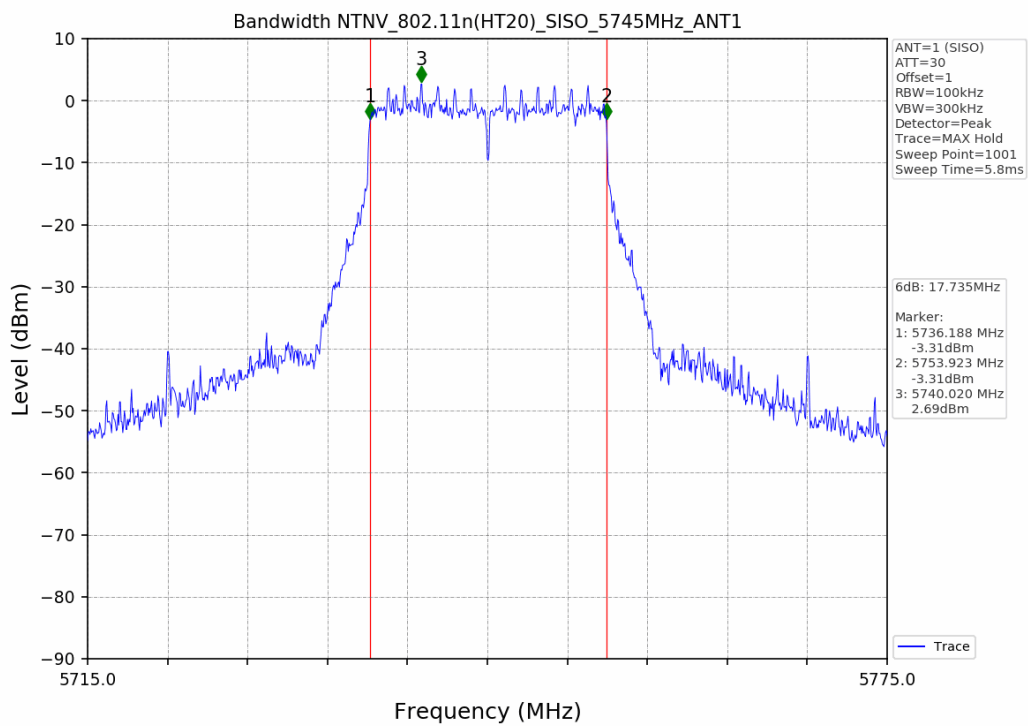
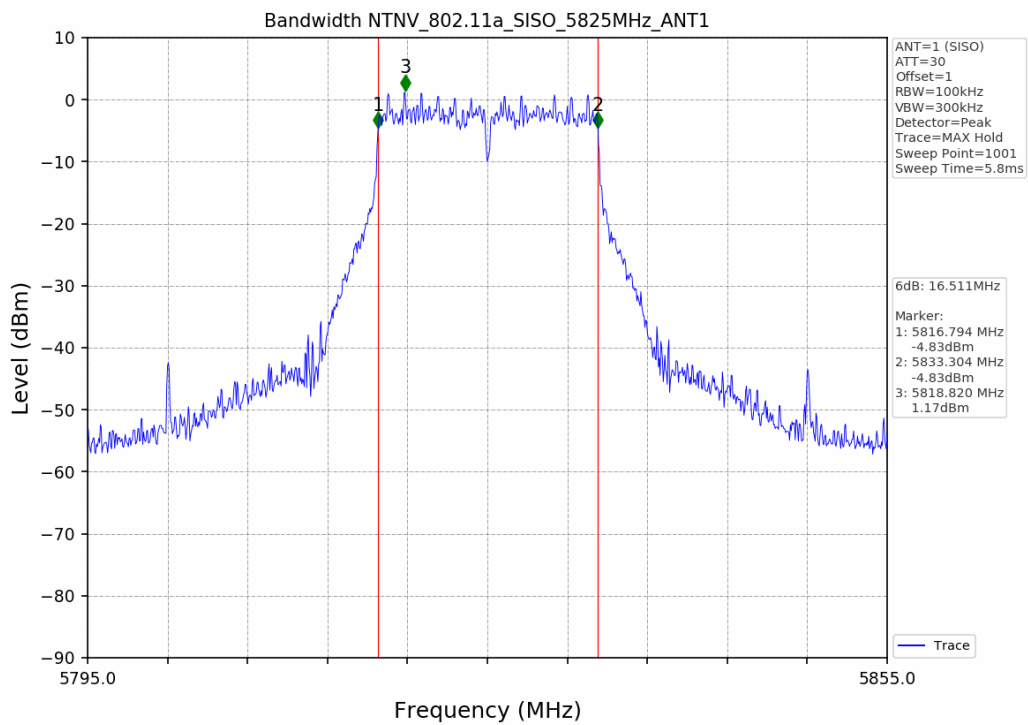


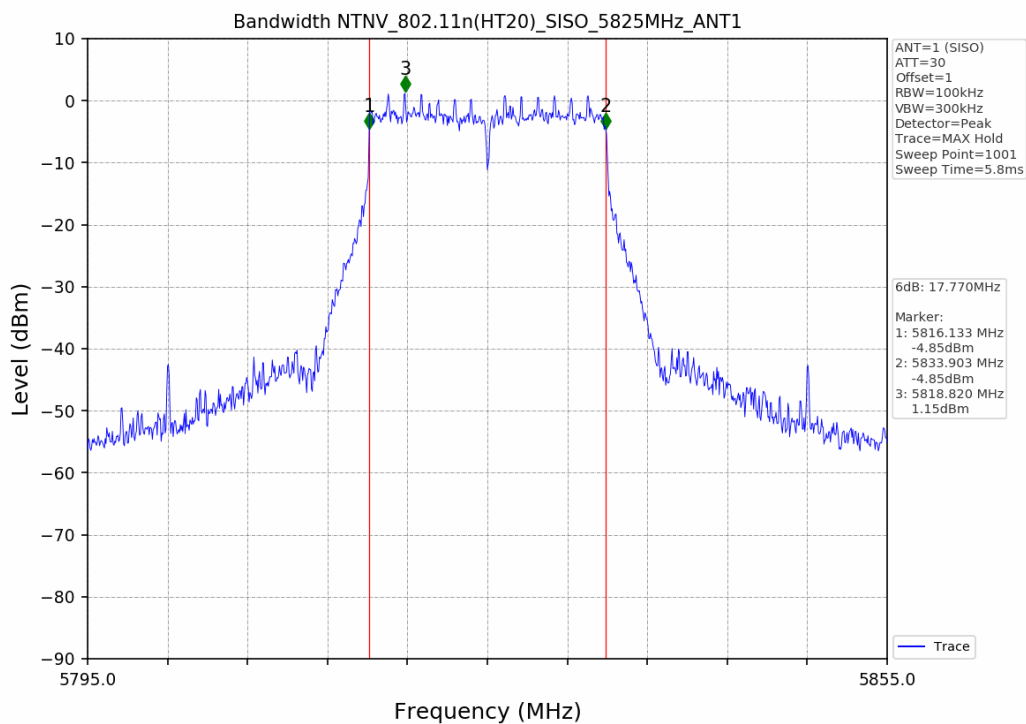
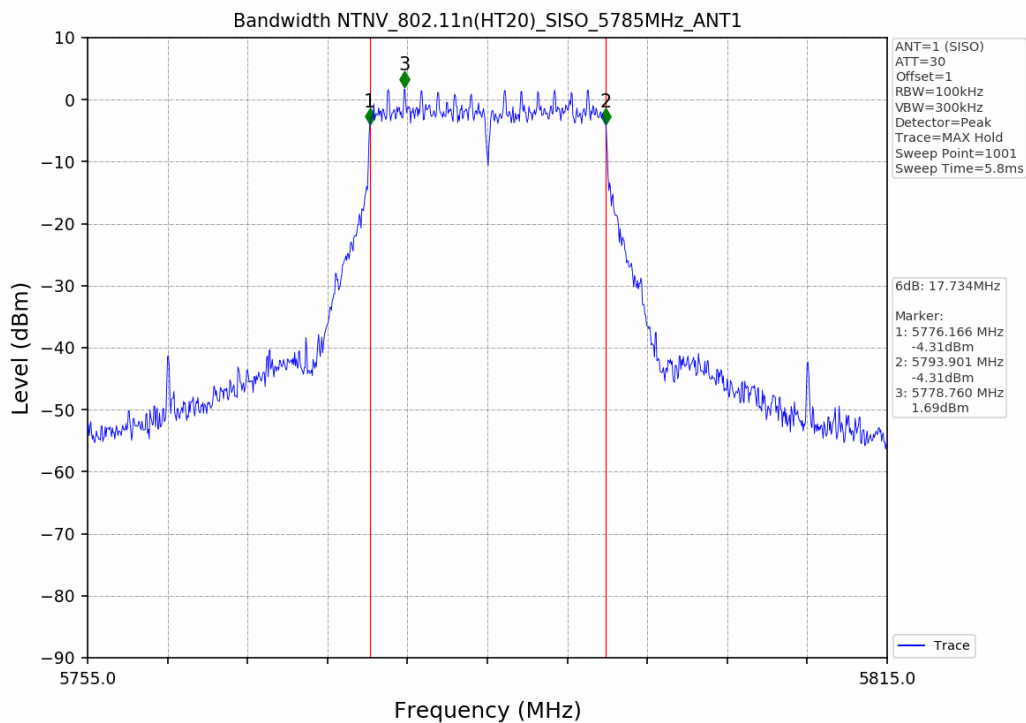


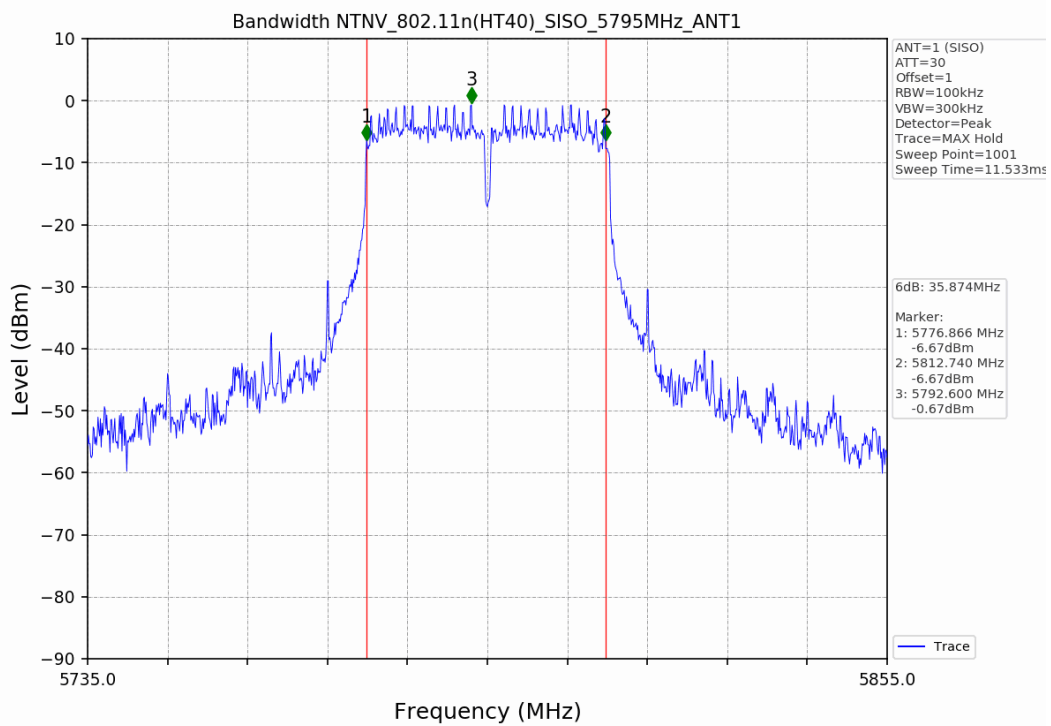
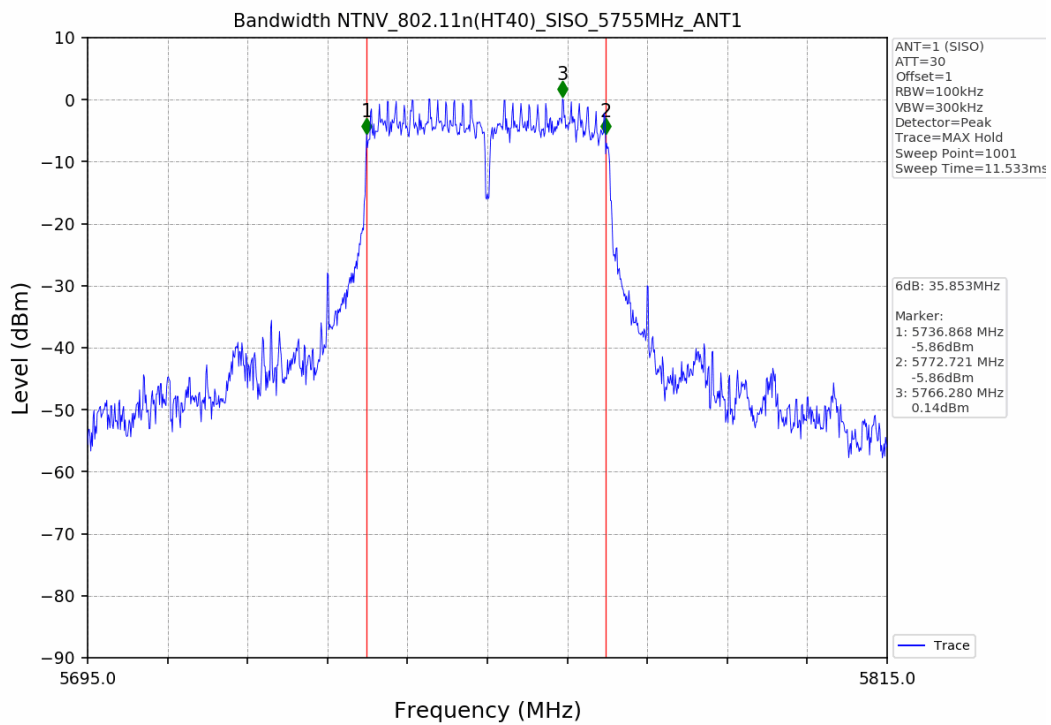












1.3 Test Graph - 99% Occupied Bandwidth

