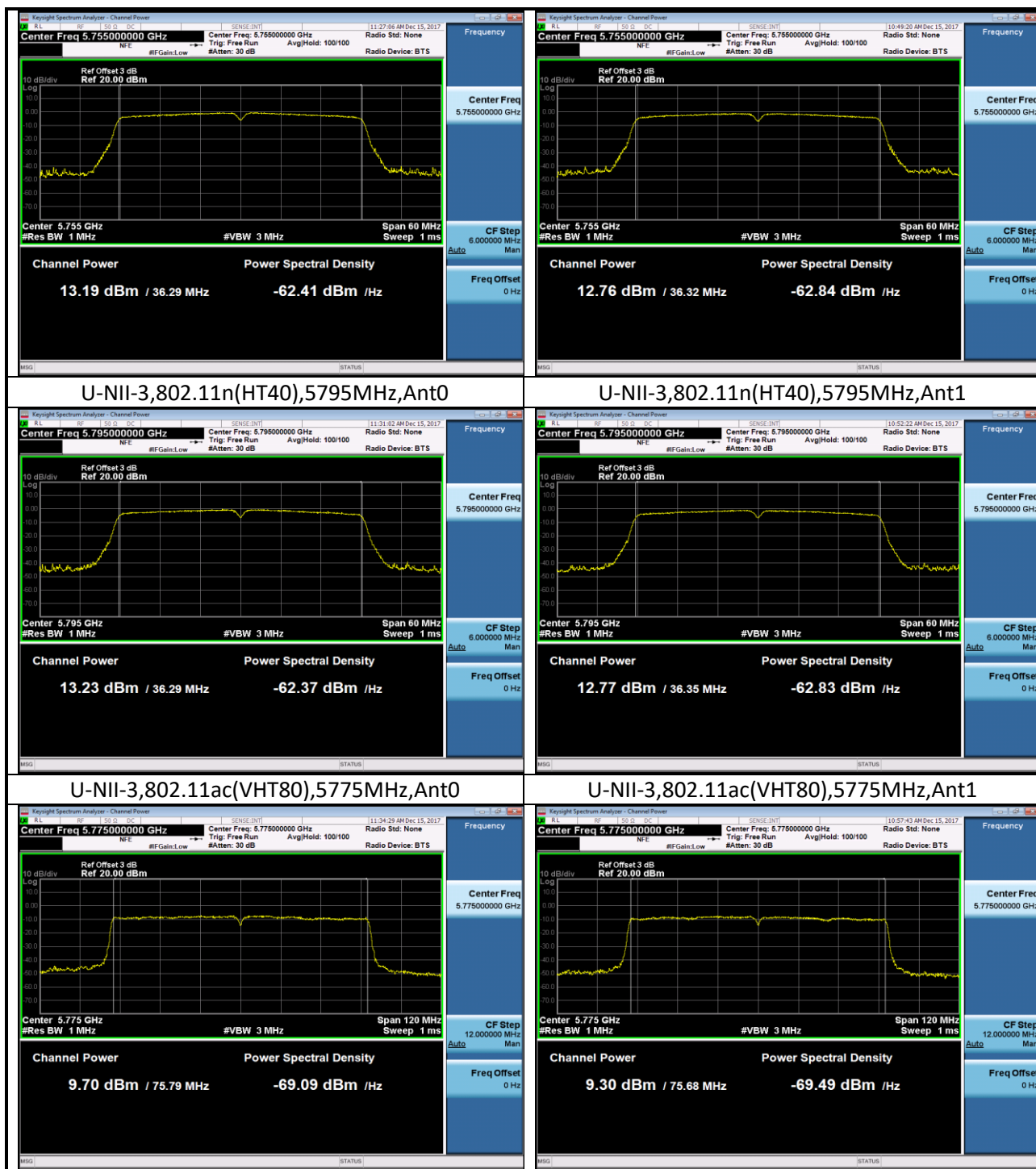




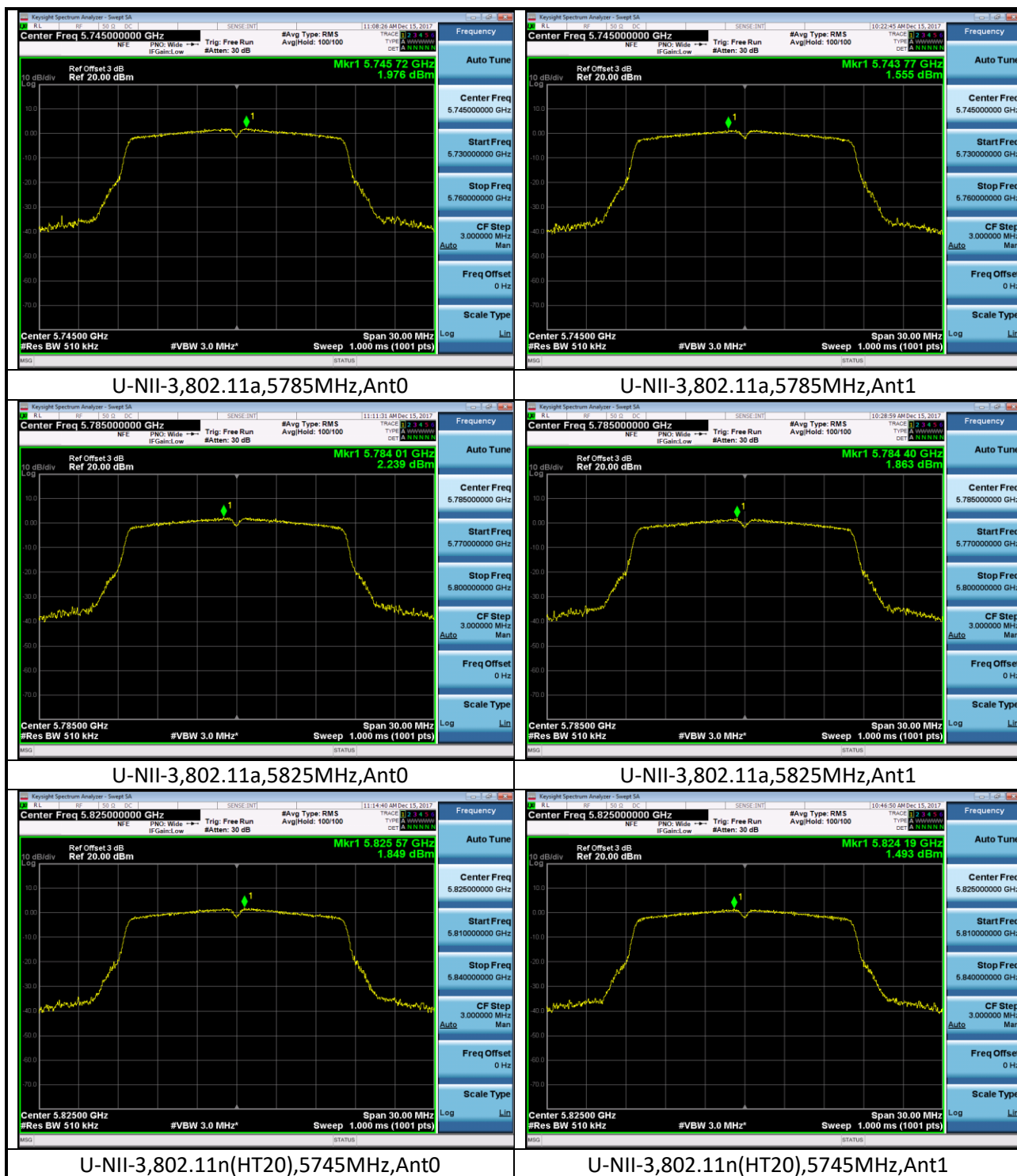
5. Power spectral density

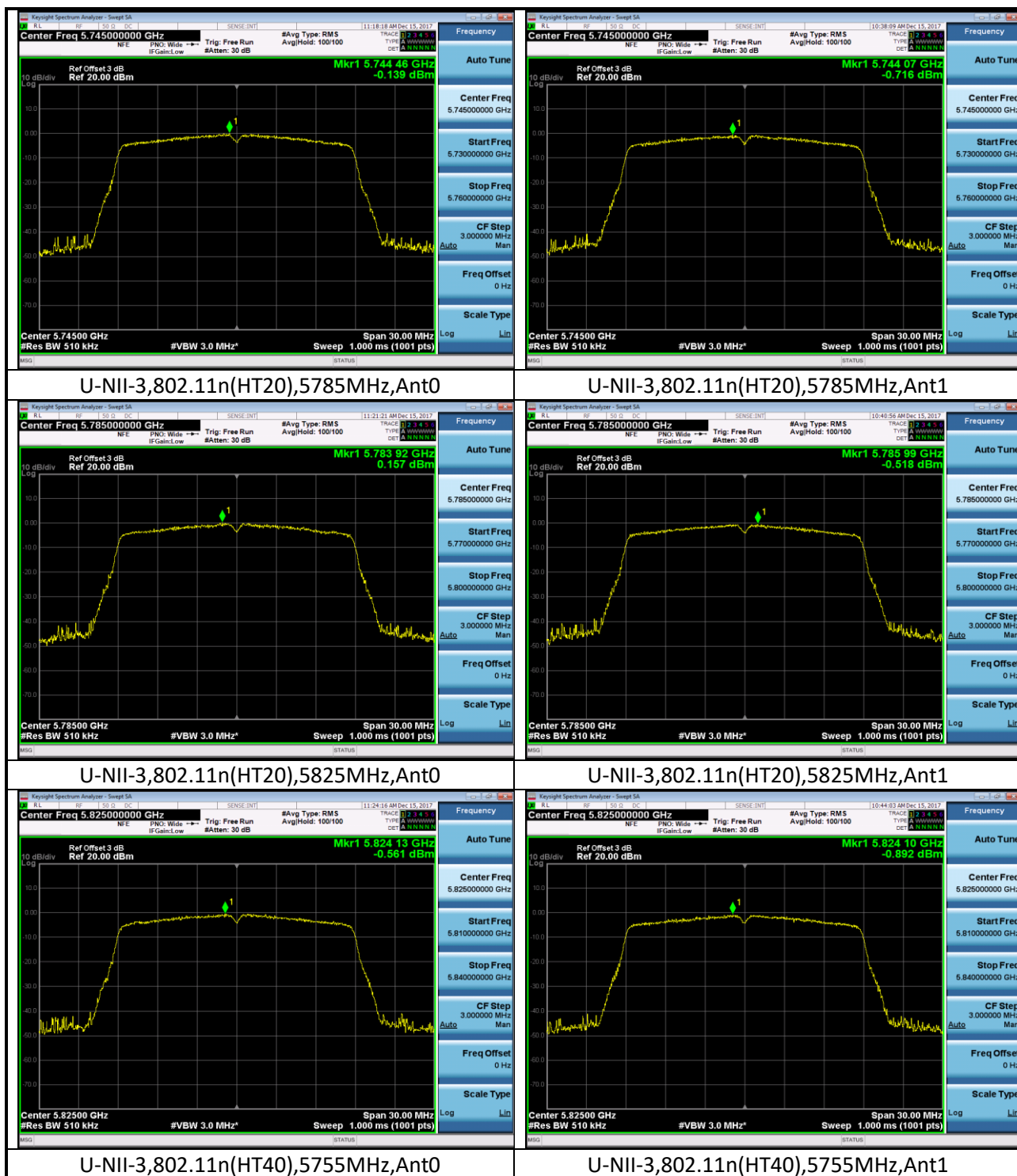
5.1 Test Data

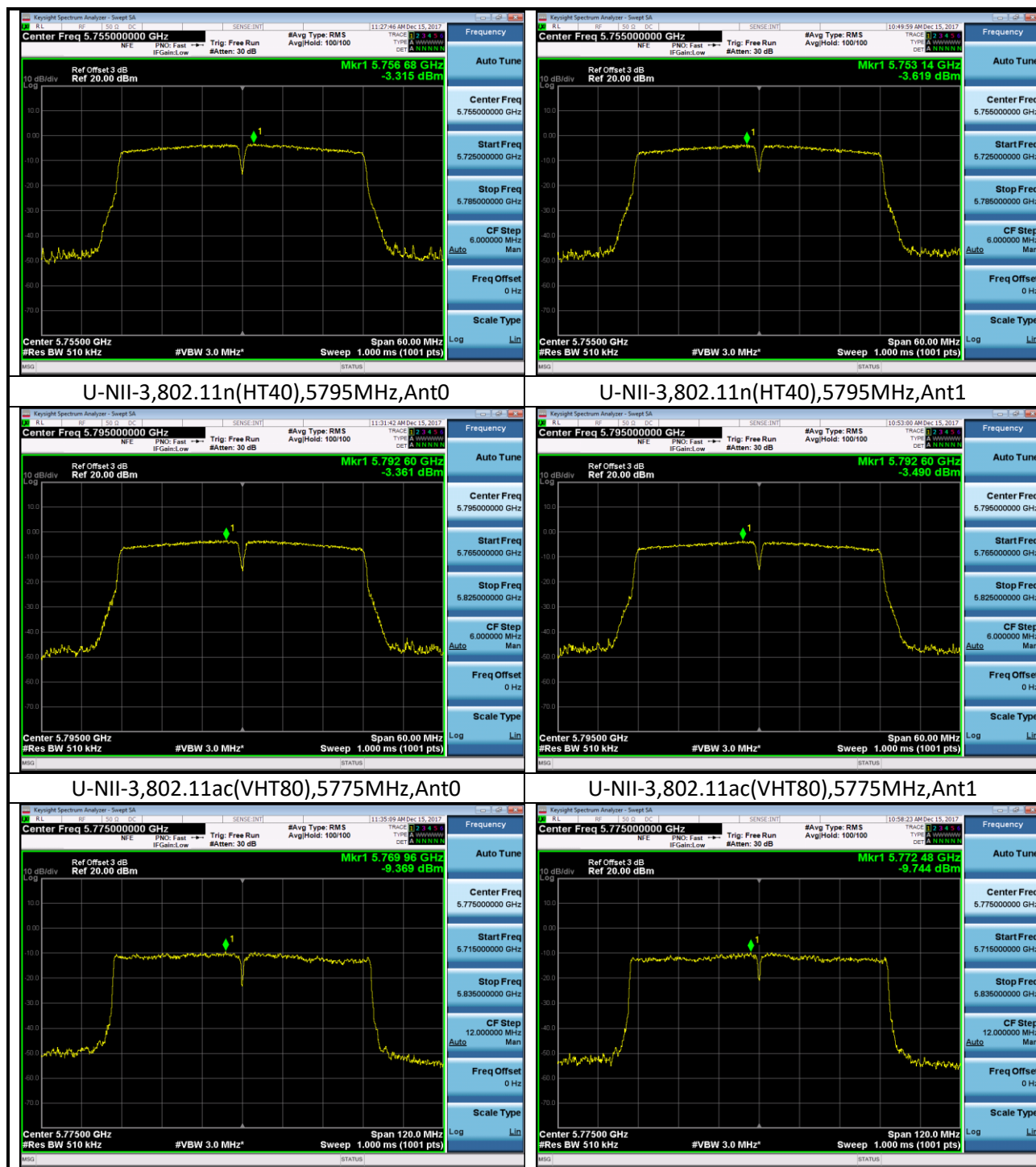
U-NII-3 AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm/500 kHz)	Total PSD (dBm/500 kHz)	Limit (dBm/500 kHz)	Result
802.11a	5745	Ant0	0.10	2.076	2.076	30	Pass
802.11a	5745	Ant1	0.10	1.655			
802.11a	5785	Ant0	0.10	2.339	2.339	30	Pass
802.11a	5785	Ant1	0.10	1.963			
802.11a	5825	Ant0	0.11	1.959	1.959	30	Pass
802.11a	5825	Ant1	0.11	1.603			
802.11n(HT20)	5745	Ant0	0.12	-0.019	2.708	30	Pass
802.11n(HT20)	5745	Ant1	0.11	-0.606			
802.11n(HT20)	5785	Ant0	0.11	0.267	2.953	30	Pass
802.11n(HT20)	5785	Ant1	0.11	-0.408			
802.11n(HT20)	5825	Ant0	0.11	-0.451	2.402	30	Pass
802.11n(HT20)	5825	Ant1	0.12	-0.772			
802.11n(HT40)	5755	Ant0	0.22	-3.095	-0.224	30	Pass
802.11n(HT40)	5755	Ant1	0.24	-3.379			
802.11n(HT40)	5795	Ant0	0.22	-3.141	-0.195	30	Pass
802.11n(HT40)	5795	Ant1	0.22	-3.270			
802.11ac(VHT80)	5775	Ant0	0.75	-8.619	-5.792	30	Pass
802.11ac(VHT80)	5775	Ant1	0.75	-8.994			

5.2 Test Plots

U-NII-3,802.11a,5745MHz,Ant0	U-NII-3,802.11a,5745MHz,Ant1
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***** END *****