



5. AVGSA 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)	Total PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11a	5745	Ant0	0.11	0.616	0.616	510	30	Pass
802.11a	5745	Ant1	0.11	2.046	2.046	510	30	Pass
802.11a	5785	Ant0	0.10	0.486	0.486	510	30	Pass
802.11a	5785	Ant1	0.11	1.686	1.686	510	30	Pass
802.11a	5825	Ant0	0.11	0.820	0.820	510	30	Pass
802.11a	5825	Ant1	0.11	1.025	1.025	510	30	Pass
802.11n (HT20)	5745	Ant0	0.12	0.300	3.646	510	30	Pass
802.11n (HT20)	5745	Ant1	0.11	0.947				
802.11n (HT20)	5785	Ant0	0.12	-0.211	3.467	510	30	Pass
802.11n (HT20)	5785	Ant1	0.12	1.036				
802.11n (HT20)	5825	Ant0	0.11	-0.331	3.031	510	30	Pass
802.11n (HT20)	5825	Ant1	0.12	0.346				
802.11n (HT40)	5755	Ant0	0.24	-4.179	-0.779	510	30	Pass
802.11n (HT40)	5755	Ant1	0.24	-3.431				
802.11n (HT40)	5795	Ant0	0.22	-4.645	-0.914	510	30	Pass
802.11n (HT40)	5795	Ant1	0.22	-3.307				
802.11ac (VHT80)	5775	Ant0	0.75	-11.251	-7.265	510	30	Pass
802.11ac (VHT80)	5775	Ant1	0.75	-9.479				

5.2 Test Plots





