

3 AVGSA Power Spectral Density

3.1 Test Data

U-NII-2c 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	5500	Ant0	0.31	4.765	---	1000	11	Pass
		Ant1		3.903	---	1000	11	Pass
	5600	Ant0		5.311	---	1000	11	Pass
		Ant1		4.103	---	1000	11	Pass
	5700	Ant0		4.912	---	1000	11	Pass
		Ant1		3.742	---	1000	11	Pass
802.11n (HT20)	5500	Ant0	0.31	5.885	9.94	1000	11	Pass
		Ant1		7.775				
	5600	Ant0		5.981	10.09	1000	11	Pass
		Ant1		7.958				
	5700	Ant0		5.866	9.98	1000	11	Pass
		Ant1		7.853				
802.11n (HT40)	5510	Ant0	0.33	-1.322	1.46	1000	11	Pass
		Ant1		-1.8				
	5590	Ant0		-0.764	1.83	1000	11	Pass
		Ant1		-1.646				
	5670	Ant0		-0.99	1.42	1000	11	Pass
		Ant1		-2.279				
802.11ac (VHT20)	5500	Ant0	0.33	6.678	10.15	1000	11	Pass
		Ant1		7.550				
	5600	Ant0		7.056	10.58	1000	11	Pass
		Ant1		8.033				
	5700	Ant0		6.560	10.13	1000	11	Pass
		Ant1		7.611				
802.11ac (VHT40)	5510	Ant0	0.62	-1.204	1.58	1000	11	Pass
		Ant1		-1.665				
	5590	Ant0		-1.085	1.70	1000	11	Pass
		Ant1		-1.557				
	5670	Ant0		-1.016	1.59	1000	11	Pass
		Ant1		-1.859				
802.11ac (VHT80)	5530	Ant0	1.17	-3.363	-0.45	1000	11	Pass
		Ant1		-3.566				
	5610	Ant0		-2.638	0.28	1000	11	Pass
		Ant1		-2.831				

3.2 Test Plots











