Total Quality. Assured.

U-NII-1,802.11n(HT40),5230MHz,Ant0

U-NII-1,802.11n(HT40),5230MHz,Ant1

U-NII-1,802.11ac(VHT80),5210MHz ,Ant0

U-NII-1,802.11ac(VHT80),5210MHz ,Ant1

5. AVGSA Power Spectral Density

    5.1 Test Data

U-NII-1 AVGSA Power Spectral Density									
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	Total PSD (dBm)	PSD Limit (dBm)	EIRP PSD (dBm)	EIRP PSD Limit (dBm)	Result
802.11a	5180	Ant0	0.12	4.130	4.130	11	5.744	10	Pass
802.11a	5180	Ant1	0.12	4.130	4.130	11	4.281	10	Pass
802.11a	5200	Ant0	0.12	2.767	2.767	11	4.381	10	Pass
802.11a	5200	Ant1	0.12	4.580	4.580	11	4.731	10	Pass
802.11a	5240	Ant0	0.12	4.166	4.166	11	5.780	10	Pass
802.11a	5240	Ant1	0.09	4.681	4.681	11	4.832	10	Pass
802.11n (HT20)	5180	Ant0	0.13	3.648	6.715	11	7.659	10	Pass
802.11n (HT20)	5180	Ant1	0.10	3.761					
802.11n (HT20)	5200	Ant0	0.10	2.683	6.344	11	7.288	10	Pass
802.11n (HT20)	5200	Ant1	0.13	3.900					
802.11n (HT20)	5240	Ant0	0.10	2.401	6.414	11	7.357	10	Pass
802.11n (HT20)	5240	Ant1	0.13	4.217					
802.11n (HT40)	5190	Ant0	0.26	-0.452	2.742	11	3.686	10	Pass
802.11n (HT40)	5190	Ant1	0.26	-0.092					
802.11n (HT40)	5230	Ant0	0.26	-0.211	2.988	11	3.932	10	Pass
802.11n (HT40)	5230	Ant1	0.20	0.158					
802.11ac VHT80)	5210	Ant0	0.74	-7.126	-3.725	11	-2.781	10	Pass
802.11ac VHT80)	5210	Ant1	0.75	-6.377					

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Total Quality. Assured.

5.2 Test Plots

U-NII-1,802.11a,5180MHz,Ant0	U-NII-1,802.11a,5180MHz,Ant1
U-NII-1,802.11a,5200MHz,Ant0	U-NII-1,802.11a,5200MHz,Ant1
U-NII-1,802.11a,5240MHz,Ant0	U-NII-1,802.11a,5240MHz,Ant1
U-NII-1,802.11n(HT20),5180MHz,Ant0	U-NII-1,802.11n(HT20),5180MHz,Ant1

U-NII-1,802.11n(HT20),5200MHz,Ant0

U-NII-1,802.11n(HT20),5200MHz,Ant1

U-NII-1,802.11n(HT20),5240MHz,Ant0

U-NII-1,802.11n(HT20),5240MHz,Ant1

U-NII-1,802.11n(HT40),5190MHz,Ant0

U-NII-1,802.11n(HT40),5190MHz,Ant1

U-NII-1,802.11n(HT40),5230MHz,Ant0	U-NII-1,802.11n(HT40),5230MHz,Ant1
U-NII-1,802.11ac(VHT80),5210MHz ,Ant0	U-NII-1,802.11ac(VHT80),5210MHz ,Ant1