

5G Attachment B-POWER SPECTRAL DENSITY TEST

Band I (5.15-5.25GHz)

5150-5250MHz					
Frequency	Power Density Total(dBm)	Limit	Result		
802.11a					
5180	-2.819	11	PASS		
5200	-3.549	11	PASS		
5240	-3.973	11	PASS		
802.11n20					
5180	-3.274	11	PASS		
5200	-4.045	11	PASS		
5240	-4.758	11	PASS		
802.11n40					
5190	-6.395	11	PASS		
5230	-7.258	11	PASS		
802.11ac20					
5180	-4.272	11	PASS		
5200	-4.917	11	PASS		
5240	-5.656	11	PASS		
802.11ac40					
5190	-8.031	11	PASS		
5230	-8.958	11	PASS		
802.11ac80					
5210	-11.740	11	PASS		



Band I (5.15-5.25GHz) 802.11a

PSD 802.11a Channel 36











Band I (5.15-5.25GHz) 802.11n(HT20)

PSD 802.11n(HT20) Channel 36











Band I (5.15-5.25GHz) 802.11n(HT40)

PSD 802.11n(HT40) Channel 38







Band I (5.15-5.25GHz) 802.11ac(HT20)

PSD 802.11ac(HT20) Channel 36











Band I (5.15-5.25GHz) 802.11ac(HT40)

PSD 802.11ac(HT40) Channel 38







Band I (5.15-5.25GHz) 802.11ac(HT80)





Band IV (5.725-5.850GHz)

5725-5850MHz					
Frequency	Power Density Total(dBm)	Limit	Result		
802.11a					
5745	-10.526	30	PASS		
5785	-11.422	30	PASS		
5825	-13.022	30	PASS		
802.11n20					
5745	-11.291	30	PASS		
5785	-12.124	30	PASS		
5825	-13.431	30	PASS		
802.11n40					
5755	-13.892	30	PASS		
5795	-14.551	30	PASS		
802.11ac20					
5745	-12.951	30	PASS		
5785	-13.789	30	PASS		
5825	-14.836	30	PASS		
802.11ac40					
5755	-16.034	30	PASS		
5795	-16.798	30	PASS		
802.11ac80					
5775	-15.371	30	PASS		



Band IV (5.725-5.850GHz) 802.11a

PSD 802.11a Channel 149











Band IV (5.725-5.850GHz) 802.11n(HT20)

PSD 802.11n(HT20) Channel 149











Band IV (5.725-5.850GHz) 802.11n(HT40)

PSD 802.11n(HT40) Channel 151







Band IV (5.725-5.850GHz) 802.11ac(HT20)

PSD 802.11ac(HT20) Channel 149











Band IV (5.725-5.850GHz) 802.11ac(HT40)

PSD 802.11ac(HT40) Channel 151







Band IV (5.725-5.850GHz) 802.11ac(HT80)

