

1. RF Exposure for Portable Device

1.1 RF Exposure Calculation to RSS 102 Issue 5:

IC:		
Controlled Exposures to Limit =	31.88534789	W/m ²
Uncontrolled Exposures Limit =	5.408510856	W/m ²
Pd =	0.001475	W/m ²
Controlled Margin to Limit =	31.8839	W/m ²
Uncontrolled Margin to Limit =	5.4070	W/m ²

Limit for 100-6000 MHz: $0.6455 * f^{0.5} \text{ W/m}^2$

Limit for 300-6000 MHz: $0.02619 * f^{0.6834} \text{ W/m}^2$

$P_d = (P_{out} * G) / (4 * \pi * R^2)$

Note: The EUT is a mobile device, and calculation is exempted from SAR evaluation; see Test Report 31560648.002 Section 4.5