Note that the EUT is a handset device that is fixed in a shower installation and is therefore used in a Fixed Configuration. The maximum measured output power was 17.29 dBm (53.6 mW) and the antenna gain is stated by the manufacturer to be 0 dBi. Therefore, the EUT generates 17.29 dBm (53.6 mW) peak EIRP, however it has a duty cycle of less than 4%, based on a burst length of approximately 392.3 us and a burst interval of 10 ms. Therefore the average EIRP is 2.14 mW, and the minimum safe distance where the power density equals the General Occupation RF exposure limit of 1 mW/cm^2 is 0.41 cm.

Section 1.1310 and RSS-102 4.0 Combined Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
1500–100,000	137	0.364	5.0	6
(B) Limits for General Population/Uncontrolled Exposure				
1500–100,000	61.4	0.163	1.0	30

f = frequency in MHz