FCC ID: S29TALI-H500

RF Exposure requirements

MPE Evaluation

$S = PG *$ Duty factor $/ 4\pi R^2$

P = Peak Power Input to antenna (Watts)

G = Antenna Gain (numeric)

R = distance to the center of radiation of antenna (in meter) = 0.20 m

Note:

1) P (Watts)=(10 A (dBm /10))/1000

2) G (Antenna gain in numeric) = 10A (Antenna gain in dBi /10)

3) Duty factor

4) $\pi = 3.142$

MPE Results

Antenna Gain (dBi)	Peak Output Power (dBm)	Peak Output Power (mW)	Duty factor	Calculated RF Exposure @ 20cm (mW/cm^2)	Limit (mW/ cm^2)
≤ 0	14.58	28.71	1	0.006	1

The device complies with RF exposure requirements for body exposure at a separation distance of 20 cm.