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MPE calculation:

The EUT is considered as a mobile device according to OET Bulletin 65, Edition -97-01. Therefore distance to human body of min. 20 cm is determined.

The limit of Power density for General Population / Uncontrolled Exposure is 1.0 mW/cm<sup>2</sup>.

Formula:

$$S = EIRP / 4\pi R^2$$

Calculation:

|      |                                     |       |
|------|-------------------------------------|-------|
| EIRP | Radiated Power (dBm)                | 20.00 |
| EIRP | Radiated Power (mW)                 | 100.0 |
| R    | Distance (cm)                       | 20    |
| S    | Power Density (mW/cm <sup>2</sup> ) | 0.020 |

6.11.3 Results : Comply

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