

## RF Exposure Requirements

### Limit

For Maximum Permissible Exposure (MPE) evaluation of the transmitter, the maximum power density at 20 cm from this transmitter shall be less than the General Population / Uncontrolled MPE limit in OET Bulletin 65 and meet the requirement listed in KDB447498.

In the frequency range of 1,500 - 100,000MHz, the MPE limit is 1.0 mW/cm<sup>2</sup> for general population and uncontrolled exposure.

### Test Result

Product	: DECT Repeater	Test Mode	: Base Transmitting
Test Item	: RF Exposure	Temperature	: 25 °C
Test Voltage	: DC 5V	Humidity	: 56%RH
Test Result	: <b>PASS</b>		

RF Exposure Requirements	Compliance with FCC Rules
<p>S=PG/4ΠR<sup>2</sup></p> <p>Where:                      S=Power density                      P=Power input to antenna                      G=Power gain of the antenna relative to an isotropic radiator                      R=Distance to the center of radiation of the antenna</p>	<p>Maximum output power at antenna input terminal:                      19.30 dBm =85.11 mW (Low Channel)                      Prediction distance: 20 cm                      Antenna gain : 0 dBi                      MPE limit for uncontrolled exposure at prediction frequency:                      1.0m W/cm<sup>2</sup></p> <p>Power density at 20 cm:                      Low Channel: 0.0169 mW/cm<sup>2</sup></p>