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^2 for general population and uncontrolled exposure.

Test Result

Product	: DECT IP Base Station	Test Mode	: Base Transmitting
Test Item	: Conducted Emission Data	Temperature	: 25 ℃
Test Voltage	: DC 5V	Humidity	: 56%RH
Test Result	: **PASS**		

RF Exposure Requirements	Compliance with FCC Rules
S=PG/4∏R2 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	Maximum output power at antenna input terminal: 19.95 dBm =98.86 mW (Middle Channel) Prediction distance: 20 cm Antenna gain : -1.0 dBi MPE limit for uncontrolled exposure at prediction frequency: 1.0m W/cm^2 Power density at 20 cm: High Channel: 0.0156 mW/cm^2