

UNIDEN AMERICA CORP.
FCC ID: AMWUC511

MPE CALCULATION:

Please find the carrier field strength results in the test report.

The calculations below are not considering any duty cycle corrections.

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 internal/external antennas used for this mobile transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

A safety statement concerning minimum separation distances from enclosure of the device will be integrated in the user's manual to provide end user's with transmitter operating conditions for satisfying RFE exposure compliance.

Formula: $S = \text{EIRP} / 4\pi R^2$ $\frac{P = E^2 * r^2}{30 * G}$

Calculation:

E	Carrier Field strength (dBuV/m)	115.87
E	Carrier field strength (V/m)	0.622
EIRP	Radiated Power (dBm)	---
EIRP	Radiated Power (mW)	115.9
R	Distance (cm)	20
S	Power Density (mW/cm ²)	0.023