UNISYS

PCTC
Product Compliance Test Center
2476 Swedesford Road, Malvern, PA 19355

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Maximum Permissible Exposure Evaluation

RF Safety - Maximum Permissible Exposure

The NOM-110 React has the antenna with 1.9 dBi nominal Antenna Gain. Therefore the numeric antenna gain is 1.549 (1.9 dBi=10 log (numeric gain))

Based on the FCC OET Bulletin 65, Edition 97-01, power density at a distance of 20 cm was calculated as below:

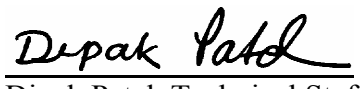
S=PG/4PiR^2

Where:
S=Power Density (mW/cm^2)
P=Power input to Antenna (mW)
G=Antenna Numeric Gain
R=Distance from center of Radiation Antenna (cm)

Tx Freq	Ant Gain (dBi)	Antenna Gain (Numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (mW/cm^ 2)	*Limit of Power Density (mW/cm^2)
2.402 GHz (Low TX)	1.9	1.549	17.76	59.70	0.0184	1
2.440GHz (Medium TX)	1.9	1.549	17.39	54.83	0.0169	1
2.479 GHz (High TX)	1.9	1.549	17.63	57.94	0.0178	1

*Limit for General Population/Uncontrolled Exposure is applied as per FCC Part 15, Section 1.1310.

Overall Results: The NOM-110 React met the Maximum Permissible Exposure (MPE) requirements specified in FCC Part 15, Section 15.247 (i).



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