



MAX LIGHT

MEASUREMENT REPORT

Maximum Permissible Exposure

EUT : Wireless 11g Networking product

Applicant : Advance Multimedia Internet Technology Inc.
NO. 32, Hwan-Gong Rd. Yung Kang City,
Tainan Hsien, Taiwan.

Manufacturer : Advance Multimedia Internet Technology Inc.
NO. 32, Hwan-Gong Rd. Yung Kang City,
Tainan Hsien, Taiwan.

Model No : CPE-IDU-NG-4D1W

FCC ID : PBLCPE-IDUNG-4D1W

Basis of Calculations:

$$E^2/3770 = S, \text{ mW/cm}^2$$

$$E, \text{ V/m} = (Pwatts * Ggain * 30)^{.5} / d, \text{ meters}$$

$$d = ((Pwatts * G * 30) / (3770 * S))^{.5} \quad Pwatts * Ggain = 10^{(PdBm - 30 + GdBi) / 10}$$

Test Result:

Max RF Power (dBm)	TX Antenna Gain (dBi)	Testing Result (mW/cm ²)	MPE Limit (mW/cm ²)
12.18	1.80	0.00497	1

NOTE: For mobile or fixed location transmitters, minimum separation distance is 20cm, even if calculations indicate MPE distance is less.