MPE Limit Calculation: EUT's operating frequencies between <u>2412 and 2462 MHz</u>;.
Highest conducted peak power = 17.75 dBm. Therefore, **Limit for Uncontrolled
exposure: 1 mW/cm^2.**

Highest gain antenna used = 1.8 dBi

Equation from page 18 of OET 65, Edition 97-01

$$S = PG / 4\pi R^2$$

where,

S = Power Density (mW/m^2)
P = Power (mW)
G = numerical gain of antenna
R = Distance to the center of radiation of the antenna (20 cm for Mobile
minimum distance)

$P = 59.7$ mW
$G = 1.5$
$S = 59.7*1.5 / 4(3.1416)(20)^2$

$S = 0.018$ mW/cm^2

Therefore, EUT meets the Uncontrolled Exposure limit.