MPE Calculation Method

E (V/m) = (30*P*G) ^{0.5}/d
Power Density: Pd (W/m2) = E²/377
E = Electric Field (V/m)
P = Peak RF output Power (W)
G = EUT Antenna numeric gain (numeric)
d = Separation distance between radiator and human body (m)
The formula can be changed to
Pd = (30*P*G) / (377*d²)
From the peak EUT RF output power, the minimum mobile separation distance,
d=0.2m, as well
as the gain of the used antenna, the RF power density can be obtained.
Antenna gain : 2dBi Rated power : 22.5dBm
Calculated Result and Limit(WORSE CASE IS AS BELOW)
Antenna Peak Output Power Density Limit of Power Test

Ancenna	Peak Output	Power Density	TIWIC OI LOMEL	Iest
Gain	Power (mW)	(S) (m₩/cm2)	Density (S)	Result
(Numeric)			(mW/cm2)	
1.58	178	0.056	1	Compiles