Prediction of MPE limit at a given distance: 3 meter

Equation from MILLIMETER WAVE TEST PROCEDURES

$$P_d = E^2/377$$

where

Pd is the power density measured at the measurement distance in W/m2

E is the field strength at measurement distance, in V/m

Note: although the free-space impedance in near-field is not exact 377Ω, using this assumed impedance value one can obtain an adequately accurate result.

According to test results from test report # 215809-1TRFWL, maximum peak field strength at 3 meter is 136.3 dBuV/m, less than138.3 dBμV/m which equal to 18 $\mu W/cm^2$

$P_d < 18\ \mu W/cm^2 = 0.018\ mW/cm^2$ at 3 meter

According to FCC Part 1.1310, Radiofrequency radiation exposure limits, the power density limit around 60 GHz is 1.0 mW/cm^2

Device fulfills with the requirements of FCC Part 1.1307(b), 2.1091 and 2.1093 for both fundamental emissions and unwanted emissions at 3 meter distance.