Maximum Public Exposure to RF (MPE)

The maximum exposure level to the public from the RF power of the EUT shall not exceed a power density, **S**, of 1 mW/cm^2 at a distance, d, of 2.5 cm from the EUT.

Therefore, for:

Highest Gain Antenna (Trace Monopole) = 0.0 dBi

Peak Power (Watts) = 0.0025 (Manufacture's claimed highest output power)
Gain of Transmit Antenna = 0.0 dB_i = 1.0, numeric (from Table 3 of Test Report)
d = Distance = 2.5 cm = 0.025 m

S = $(PG/ 4\pi d^2)$ = EIRP/4A = 0.0025(1.0)/4*π*0.025*0.025
= 0.0025/0.0079 = 0.3165 W/m^2
= (W/m^2) $(1m^2/W)$ $(0.1\ mW/cm^2)$
= 0.03165 mW/cm^2

which is << less than 1.0 mW/cm^2