Maximum Public Exposure to RF (MPE) CFR 1.1310

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 20 cm from the EUT.

Therefore, for:

Highest Gain Dipole Antenna= -19 dBi

Peak Power (Watts) = 0.001 (from Figure 1 of Test Report)
Gain of Transmit Antenna = -19 dB_i = 0.013, numeric (EUT uses trace Loop antenna)
d = Distance = 20 cm = 0.2 m

S = ($PG/ 4\pi d^2$) = EIRP/4A = 0.001(0.013)/4*π*0.2*0.2
= 0.000013/0.5030 = 0.0662 W/m^2
= (W/m^2) (1m^2/W) (0.1 mW/cm^2)
= 0.000196 mW/cm^2

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