US Tech	FCC Part 15.249/ RSS 210
Test Report:	13-0294
Date:	November 18, 2013
Model(s):	SW-24
FCC ID:	RMS0217642477
IC:	10872A-SW24
Customer:	Swirl Networks

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 (Inverted F) = 5.3 dBi

Peak Power (Watts) = 0.0025 (Manufacture's claimed highest output power)
Gain of Transmit Antenna = 5.3 dB$_i$ = 3.388, numeric (from Table 3 of Test Report)
d = Distance = 2.5 cm = 0.025 m

$\mathbf{S}$ = (PG/ $4\pi d^2$) = EIRP/4A = 0.0025(3.388)/4*π*0.025*0.025
= 0.00847/0.0079 = 1.063 W/m^2
= (W/m^2) (1m^2/W) (0.1 mW/cm^2)
= 0.1063 mW/cm^2

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