

US Tech  
Test Report:  
Date:  
Model(s):  
FCC ID:  
IC:  
Customer:

FCC Part 15.249/ RSS 210  
14-0091  
June 11, 2014  
TP0603V1  
2ACAP-TP0603V1  
12080A-KINCAID1973  
Pineapple Parade, LLC.

### 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  $1 \text{ mW/cm}^2$  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 dBi = 1.0, numeric (from Table 3 of Test Report)  
 $d$  = Distance = 2.5 cm = 0.025 m

$$\begin{aligned} S &= (PG / 4\pi d^2) = \text{EIRP} / 4A = 0.0025(1.0) / 4\pi * 0.025^2 \\ &= 0.0025 / 0.0079 = 0.3165 \text{ W/m}^2 \\ &= (\text{W/m}^2) (1\text{m}^2/\text{W}) (0.1 \text{ mW/cm}^2) \\ &= 0.03165 \text{ mW/cm}^2 \end{aligned}$$

which is << less than  $1.0 \text{ mW/cm}^2$