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L C I E

Apparatus: AK TAG READER (Fcc ID: QHKAKTAGREADER)

Prediction of MPE limit at a prediction distance :

$$S = \frac{P \cdot G}{4 \cdot \pi \cdot R^2}$$

S: Power density (mW/cm²)

P: Peak output power at antenna terminal (mW)

G: Numerical Antenna gain

R: Distance of radiation to antenna (cm)

P= 631 mW (28dBm)

R= 20cm

G= 4.677 (6.7dBi)

S=0.587mW/cm²

MPE limit for uncontrolled exposure: 0.6mW/cm²