

Product name: **FAMAv3**  
Manufacturer: **ADVEEZ**  
FCC Id: **R8T-FAMAv3**

**Prediction of MPE limit at a given distance**

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density  
P = power input to the antenna  
G = power gain of the antenna in the direction of interest relative to an isotropic radiator  
R = distance to the center of radiation of the antenna

**Transmitter n°1 (FCC ID 2ACT6LLRXR27)**

Maximum peak output power at the antenna terminal: 25,16 (dBm)  
Maximum peak output power at the antenna terminal: 328,0952931 (mW)  
Antenna gain(typical): 1,9 (dBi)  
Maximum antenna gain: 1,548816619 (numeric)  
Prediction distance: 20 (cm)  
Prediction frequency: 915 (MHz)  
MPE limit for uncontrolled exposure at prediction frequency: 1 (mW/cm<sup>2</sup>)  
  
**Power density** at prediction frequency: **0,101095** (mW/cm<sup>2</sup>)

**Transmitter n°2 (FCC ID QOQBLE112)**

Maximum peak output power at the antenna terminal: 2,55 (dBm)  
Maximum peak output power at the antenna terminal: 1,798870915 (mW)  
Antenna gain(typical): 2,3 (dBi)  
Maximum antenna gain: 1,698243652 (numeric)  
Prediction distance: 20 (cm)  
Prediction frequency: 2402 (MHz)  
MPE limit for uncontrolled exposure at prediction frequency: 1 (mW/cm<sup>2</sup>)  
  
**Power density** at prediction frequency: **0,000608** (mW/cm<sup>2</sup>)

**Transmitter n°1 + Transmitter n°2 :**

$$[Pd(1)/LPd(1)] + [Pd(2)/LPd(2)] = 0,1017 < 1$$