

**FCC Part 15  
433.92 MHz Transmitter Certification  
& 372 MHz Receiver Declaration of Conformity**

**Test Report**

**FCC ID: KJ8-TID372R2  
FCC Rule Part: 15.231**

**ACS Report Number: 03-0263-15C231**

Manufacturer: Wayne-Dalton Corporation  
Equipment Type: RF Controlled Garage Door Opener  
Model: Operator 41XR (Torsion *idrive*<sup>TM</sup>)  
Model Variants: 3651-372, 3652-372, 3750-372, 3751-372,  
3752-372, 3771-372

**RF Exposure Information**

**General Information:**

Applicant: Wayne-Dalton Corporation  
 ACS Project: 03-0263  
 FCC ID: KJ8-TID372R  
 Device Category: Fixed Mount  
 Environment: General Population/Uncontrolled Exposure

**Technical Information:**

Antenna Type:  
 Antenna Gain: -10dBi  
 Transmitter Conducted Power: -3 dBm  
 Maximum System EIRP: -13dBm  
 Operating Configuration: Mounted on header over garage opening  
 Exposure Conditions: Greater than 20 centimeters

**MPE Calculation**

The minimum separation distance is calculated as follows:

$$E(V/m) = \frac{\sqrt{30 \times P_x G}}{d} \quad \text{Power Density: } P_d (mW/cm^2) = \frac{E^2}{3770}$$

**MPE Distance**

MPE Calculator for 433MHz Periodic Operated Transmitter					
Limits for General Population/Uncontrolled Exposure*					
Transmit Freq. (MHz)	Radio Power (dBm)	Antenna Gain (dBi)	System EIRP (mW)	MPE Limit (mW/cm <sup>2</sup> )	MPE Distance (cm)
433.92	-3	-10	.050	.289	.1175

**Installation Guidelines**

Per the installation guidelines, the device is intended for mounting on the header over the garage opening. This installation assures the 20cm separation distance is maintained. Additional RF exposure requirements are not required.

**Conclusion**

This device complies with the MPE requirements by providing adequate separation between the device, any radiating structure and the general population.