

**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*TM)
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/cm2)	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.