

## RF Exposure Evaluation

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Project Number: 01071-10

Prepared for:

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By

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### TYPE CERTIFICATION

**418 MHz Home Security Transmitter**  
**Door/Window Sensor**  
**Model Number XDS125**

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The **Home Security Transmitter, Door/Window Sensor** operates under Part 15 and is evaluated by the guidance given in 47 CFR 2.1091, *Radio frequency radiation exposure evaluation: mobile and unlicensed devices*, and OET Bulletin 65.

The **Home Security Transmitter, Door/Window Sensor** meets the description of equipment covered under 47 CFR 2.1091 including the requirement that it be used more than 20 centimeters from the user. The requirement stated is:

“...are subject to routine environmental evaluation for RF exposure use if they operate at frequencies of 1.5 GHz or below and their effective radiated power (ERP) is 1.5 watts or more,...”

The **Home Security Transmitter, Door/Window Sensor** has a typical output power of 1 mW. Therefore, a routine environmental evaluation for RF exposure is not required.