

Overview

The request for an experimental license is to allow product design and development before the product is tested at an FCC approved laboratory. The system is a low power radar sensor unit to be used for security detection, speed enforcement, and public safety markets. The system will use a COTS microwave CW sensor operating at 24.125 GHz. The sensor is currently designed to be compliant with EN 300 440.

1. This system will be produced with a permanently attached antenna per 15.203.
2. Spurious emission falling in the restricted frequency bands will meet the requirements of 15.205 and will be tested by an FCC approved lab.
3. Radiation emissions will fall within the requirements of 15.209 and will be tested by an FCC approved lab.
4. Operations in the Band 24.00 to 24.25 GHz will meet the requirements of 15.245 and will be test by an FCC approved lab.

