

**FCC Application File Number: 0225-EX-CM-2021**

**System Description:** The AN/PPS-26A, Sense-Through-the-Wall (STTW) Radar, is Raytheon Model RS2-05. This is a low power, hand-held radiolocation system for detecting and locating moving personnel behind obstructions such as buildings and walls. The system provides situational awareness on personnel location in urban combat or law enforcement operations.

The STTW radar has center frequency of 3150 MHz. The frequency requirement ranges from 2900 MHz - 3400 MHz. The requested tuning range is 2900 MHz - 3400 MHz.

Location 1: Buena Park, CA, NL 33-51-28; WL 118-0-15

Location 2: McKinney, TX, NL 33-12-42; WL 96-39-25

**Description of Activity:**

Technology experimentation to support proof of concept demonstrations for upgraded STTW capabilities in support of SOCOM requirements.

**Reason for Modification of FCC License WM2XDA:  
Add emission designator 601MQ3N to both locations.**

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