

FCC Application File Number: 0663-EX-ST-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: Muscatatuck Urban Training Center, IN

Lat/Long: 39 02 58N 85 31 42W

Synopsis:

A. INTRODUCTION: Technical Experimentation (TE)

This Request for Information (RFI) is NOT a solicitation for proposals, proposal abstracts, or quotations. The purpose of this RFI is to solicit technology experimentation candidates from Research and Development (R&D) organizations, private industry, and academia for inclusion in future experimentation events coordinated by the U. S. Special Operations Command (USSOCOM). USSOCOM invites industry, academia, individuals, and Government labs to submit technology experimentation nominations addressing innovative technologies identified in paragraph 4 below. The intent is to provide participants with the opportunity to gain Special Operations Forces (SOF) insight/perspective on participant technologies. Technical experimentation will explore emerging technologies, technical applications, and their potential to provide solutions for future SOF capabilities. This RFI is for TE 21-3. This event will occur over the period of one week as shown below.

Dates/Theme/Location:

- 26-30 July 2021: Sense Through The Wall (STTW) technologies, Muscatatuck Urban Training Center (MUTC), IN.

Stop Buzzer:

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