

# **AESA Radar Experimental For Demonstration Request**

## **1. Purpose of Operation**

. Mission statement: This is a Corporate funded investment to develop an extended-range AMRAAM, integrate with NASAMS and AESA Sentinel and demonstrate with 2 live firings  
What is the duration of the demonstration:

Files Number: 0179-EX-ML-2015

Class of Station: FIXED

Station Location: FIXED

Effective Date: 11/01/2015

Expiration Date: 11/01/2016

## **2. Experimental Explanations**

AMRAAM, integrate with NASAMS and AESA Sentinel and demonstrate with 2 live firings. Will conduct developmental testing and evaluation on the radar system Most of the time, programmed search scanning is within the vertical region of 0 to 15 degrees, covering a vertical sector of sequential beams in about 13 milliseconds. Search scanning is interrupted by individual beams placed anywhere within the electronic scan