

Technical Description

Purpose

The purpose of this application is to support temporary a temporary DoD test and demonstration.

Operation Description

Perform ground and airborne testing of developmental multi-band, multi-function payload in support of ISR requirements for overseas deployable payload units.

Schedule

Start Date:	August 20, 2017
Stop Date	February 15, 2018

Ground C2 Equipment

Manufacturer:	Persistent Systems
Model:	WR-BRD2-03 Wave Relay
Frequency Band:	2300 – 2320 MHz 2345 - 2360 MHz 2390 - 2500 MHz
Emissions:	11M0D1D and 22M0D1D
TX Output Power:	0.7 Watts
Antenna Gain:	26.5 dBi
Total Output Power:	170 Watts ERP

Airborne Payload Equipment

Manufacturer:	DoD
Model:	K2
Frequency Band:	925-960 MHz
Emissions:	35M0D1D
TX Output Power:	6.3 Watts
Antenna Gain:	0 dBi
Total Output Power:	4 Watts ERP

Manufacturer:	DoD
Model:	K2
Frequency Band:	1710-1880 MHz
Emissions:	75M0D1D
TX Output Power:	5.1 Watts
Antenna Gain:	3 dBi
Total Output Power:	6.1 Watts ERP

Manufacturer:	DoD
Model:	K5
Frequency Band:	2300 – 2320 MHz 2345 - 2360 MHz 2390 - 2500 MHz
Emissions:	11M0D1D and 22M0D1D
TX Output Power:	6.3 Watts
Antenna Gain:	3 dBi
Total Output Power:	7.6 Watts ERP

Stop Buzzer

Stop buzzer for this operation is Insitu the Operations Action Center at 866-637-4691.

Fixed Ground Location

Boardman Bombing Range

Boardman, OR

45-44-54N 119-47-38W

Fixed ground operations within 5 kilometer radius

Mobile Airborne Location

Boardman Bombing Range

Boardman, OR

45-44-54N 119-47-38W

Maximum Flight Level is 4000 feet

Airborne mobile operations within a 20 kilometer radius

Fixed Ground Location for Operational Checks and Testing

Bingen, WA

45-42-24N 121-27-30W

Indoors Ground Only