

Technical Description

This experimental license application is being submitted in lieu of a STA extension for FCC Call Sign WN9XGR and File Number 1557-EX-ST-2018.

Ground C2 Equipment

Frequency Band:	2300 – 2320 MHz 2345 - 2360 MHz 2390 - 2500 MHz
Emissions:	11M0D1D and 22M0D1D
Total Output Power:	136.5 Watts ERP

Airborne Payload Equipment

Frequency Band:	925-960 MHz
Emissions:	35M0D1D
Total Output Power:	3.9 Watts ERP
Frequency Band:	1710-1880 MHz
Emissions:	75M0D1D
Total Output Power:	4.85 Watts ERP
Frequency Band:	2300 – 2320 MHz 2345 - 2360 MHz 2390 - 2500 MHz
Emissions:	11M0D1D and 22M0D1D
Total Output Power:	7.7 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 8000 feet
Airborne mobile operations within a 20 kilometer radius

Fixed Ground Location for Operational Checks and Testing

Bingen, WA45-42-24N 121-27-30W
Indoors Ground Only