

Technical Description

Submitted by Joel Thorsheim on behalf of Insitu
The Boeing Company
Frequency Management Services
P.O. Box 3707 MC: 1K-105
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206-544-6066 Office
206-662-0701 Fax

This experimental license application is being submitted in lieu of a STA extension for FCC Call Sign WN9XDQ File Number 1367-EX-ST-2018.

Transmit Output:	5 Watts
Frequency Band:	869.2 – 893.8 MHz and 925.2 -959.8 MHz
Emission:	290KGXW and 4M08D7W
Output ERP:	16 Watts ERP (Peak)
Transmit Output:	22.3 Watts
Frequency Band:	871.4 – 891.6 MHz and 927.4 – 957.6 MHz
Emission:	290KGXW and 4M08D7W
Output ERP:	70 Watts ERP (Peak)
Transmit Output:	6.2 Watts for 2412-2462 MHz
Transmit Output:	0.63 Watt for 5275-5875 MHz
Frequency Bands:	2412-2462 MHz and 5275-5875 MHz
Emission:	22M0G1D and 22M0W7D
Output ERP:	6 Watts ERP for 2412-2462 MHz (Mean)
Output ERP:	1.25 Watts ERP for 5275-5875 MHz (Mean)
Transmit Output:	10 Watts
Frequency Band:	1525 – 1559 MHz
Emission:	25K0G3D
Output ERP:	12.2 Watts ERP (Peak)

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 1 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