

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XZE

(Call Sign)

XT FX MO

(Class of Station)

0707-EX-PL-2013

(File Number)

NAME Exelis Inc

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(g i) of the Commission's Rules

Station Locations

- (1) MOBILE: Fort Wayne, IN (Allen County), within 320 km, centered around NL 41-08-41; WL 85-10-35
- (2) Clifton (PASSAIC), NJ; MOBILE: Clifton, NJ, within 320 km, centered around NL 40-49-36; WL 74-08-15
- (3) Roanoke (ROANOKE), VA; MOBILE: Roanoke, VA, within 320 km, centered around NL 37-21-06; WL 79-57-15

Frequency Information

MOBILE: Fort Wayne, IN (Allen County), within 320 km, centered around NL 41-08-41; WL 85-10-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.85 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
3.025-3.4 MHz	MO	25K0J3E 25K0J2B 500HA1A	500 W (ERP)	0.0001 %

This authorization effective January 16, 2014 and
will expire 3:00 A.M. EST February 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Wayne, IN (Allen County), within 320 km, centered around NL 41-08-41; WL 85-10-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.025-3.4 MHz	MO	25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
3.5-4.6 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
4.7-5.45 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
5.68-6.525 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
6.685-8.815 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
8.965-9.6 MHz	MO	25K0J3E 25K0J2B	500 W (ERP)	0.0001 %

Frequency Information

MOBILE: Fort Wayne, IN (Allen County), within 320 km, centered around NL 41-08-41; WL 85-10-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.965-9.6 MHz	MO	500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %

Clifton (PASSAIC), NJ; MOBILE: Clifton, NJ, within 320 km, centered around NL 40-49-36; WL 74-08-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.85 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
3.025-3.4 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
3.5-4.6 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
4.7-5.45 MHz	MO	25K0J3E 25K0J2B 500HA1A	500 W (ERP)	0.0001 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.7-5.45 MHz	MO	25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
5.68-6.525 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
6.685-8.815 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
8.965-9.6 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %

Roanoke (ROANOKE), VA; MOBILE: Roanoke, VA, within 320 km, centered around NL 37-21-06; WL 79-57-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.85 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E	500 W (ERP)	0.0001 %

Frequency Information

Roanoke (ROANOKE), VA; MOBILE: Roanoke, VA, within 320 km, centered around NL 37-21-06; WL 79-57-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.8-2.85 MHz	MO	25K0F1B	500 W (ERP)	0.0001 %
3.025-3.4 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
3.5-4.6 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
4.7-5.45 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
5.68-6.525 MHz	MO	25K0J3E 25K0J2B 500HA1A 25K0A3E 25K0F1B	500 W (ERP)	0.0001 %
6.685-8.815 MHz	MO	25K0J3E 25K0J2B 500HA1A	500 W (ERP)	0.0001 %

Frequency Information

Roanoke (ROANOKE), VA; MOBILE: Roanoke, VA, within 320 km, centered around NL 37-21-06; WL 79-57-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.685-8.815 MHz	MO	25K0A3E	500 W (ERP)	0.0001 %
		25K0F1B		
8.965-9.6 MHz	MO	25K0J3E	500 W (ERP)	0.0001 %
		25K0J2B		
		500HA1A		
		25K0A3E		
		25K0F1B		