

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XYS

(Call Sign)

0477-EX-CN-2017

(File Number)

NAME BAE SYSTEMS

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Wallops Island, VA, within 1 km, centered around NL 37-56-26; WL 75-28-18
- (2) MOBILE: San Diego, CA, within 1 km, centered around NL 32-40-59; WL 117-11-52
- (3) MOBILE: Crestview, FL, within 1 km, centered around NL 30-47-35; WL 86-31-40
- (4) MOBILE: Point Mugu, CA, within 1 km, centered around NL 34-06-59; WL 119-06-43

Frequency Information

MOBILE: Wallops Island, VA, within 1 km, centered around NL 37-56-26; WL 75-28-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.275 GHz	MO	N0N	0.767 W (ERP)	2 %
7.775 GHz	MO	N0N	0.767 W (ERP)	2 %

This authorization effective July 10, 2017 and
will expire 3:00 A.M. EST July 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Diego, CA, within 1 km, centered around NL 32-40-59; WL 117-11-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.275 GHz	MO	N0N	0.767 W (ERP)	2 %
7.775 GHz	MO	N0N	0.767 W (ERP)	2 %

MOBILE: Crestview, FL, within 1 km, centered around NL 30-47-35; WL 86-31-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.275 GHz	MO	N0N	0.767 W (ERP)	2 %
7.775 GHz	MO	N0N	0.767 W (ERP)	2 %

MOBILE: Point Mugu, CA, within 1 km, centered around NL 34-06-59; WL 119-06-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.275 GHz	MO	N0N	0.767 W (ERP)	2 %
7.775 GHz	MO	N0N	0.767 W (ERP)	2 %

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) These frequencies will be radiated under two conditions:
1. into a shroud inside the hangar testing payload readiness and responses
 2. into the horn on the flight line for a period of 90 seconds preflight testing and if requested by the test director approximately 90 seconds post flight