

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WJ9XLS

(Call Sign)

0251-EX-ST-2016

(File Number)

NAME BAE SYSTEMS

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The purpose of this operation is to collect information regarding the effects of low-level RF exposure to the test aircraft and further understanding the characteristics of those effects.

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	NON	0.767 W (ERP)	2 %
7.775 GHz	MO	NON	0.767 W (ERP)	2 %

This authorization effective March 25, 2016 and
will expire 3:00 A.M. EST August 12, 2017

**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