

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WC9XUO

(Call Sign)

0417-EX-ST-2010

(File Number)

NAME BAE Systems TSS Inc.

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:

Testing performace of the system.

Station Locations

(1) California, MD - NL 38-18-31; WL 76-32-24

Frequency Information

California, MD - NL 38-18-31; WL 76-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
249-270 MHz	FX	7K20G1D 5K00G1D 25K0F1D 25K0G1D 25K9F1D	60.26 W (ERP)	
292-312 MHz	FX	5K00G1D 7K20G1D 25K0F1D	60.26 W (ERP)	

This authorization effective September 15, 2010 and
will expire 3:00 A.M. EST March 16, 2011

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COMMISSION**



Frequency Information

California, MD - NL 38-18-31; WL 76-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
292-312 MHz	FX	25K0G1D 25K9F1D	60.26 W (ERP)	
3.7-4.2 GHz	FX	2M64G7W	1.28 MW (ERP)	
5.85-6.425 GHz	FX	2M64G7W	1.28 MW (ERP)	
7.25-7.75 GHz	FX	3M98G7W	2.83 MW (ERP)	
7.9-8.4 GHz	FX	3M98G7W	2.83 MW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Licensee must be aware of potential interference to Part 101 and Part 25 licensees in the 3700-4200 MHz and 5925-6425 MHz bands. Licensee is subject to immediate shut down in the event of harmful interference.
- (4) Operation is subject to prior coordination with existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Wayne Hubbard at (301) 863-1566 or cell (240) 298 9920.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Government Contract No. N00024-08-C-2307. The use of this radio station in any other manner or for any other purposes will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

Special Conditions:

- (7) Operation is NOT permitted for +/- 12.5 kHz the following frequencies: M251.050; M254.250; M254.350; M255.400; M255.400; M256.800; M257.200; M257.600; M257.700; M257.800; M257.875; M260.900; M263.025; M269.000; M269.425; M269.500; M269.525; M270.275; M291.625; M303.250; M306.300; M307.200; M307.900.
- (8) Operation is NOTCH OUT +/- 3 kHz the following frequencies: 252.100 MHz, 252.850 MHz, 257.100 MHz, 259.850 MHz, 260.900 MHz, 263.1 MHz, 292.200 MHz, 293.600 MHz, 305.600 MHz, 307.025 MHz and 308.350 MHz.
- (9) The Air Force states that the 249-270 MHz and 292-312 MHz cannot be supported as band assignments and the licensee needs to identify the minimum number of discrete frequencies needed to satisfy the testing requirements and coordinate the use of these bands with the Area Frequency Coordinator at 703-428-1544.