

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

EXPERIMENTAL

(Nature of Service)

WF2XAB

(Call Sign)

XD MO

(Class of Station)

0152-EX-PL-2009

(File Number)

NAME BAE Systems Information and Electronic Systems Integration 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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Locations- BAE Systems Campus - Wayne, NJ, within 10 km, centered around NL 40-54-46; WL 74-14-03
- (2) MOBILE: Temporary Fixed Locations, San Diego, CA, within 10 km, centered around NL 32-43-11; WL 117-10-21

Frequency Information

MOBILE: Temporary Fixed Locations- BAE Systems Campus - Wayne, NJ, within 10 km, centered around NL 40-54-46; WL 74-14-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.52 GHz	MO	16M0D1D	4 W (ERP)	
4.54 GHz	MO	16M0D1D	4 W (ERP)	
4.56 GHz	MO	16M0D1D	4 W (ERP)	

This authorization effective May 29, 2009 and
will expire 3:00 A.M. EST June 01, 2011

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Frequency Information

MOBILE: Temporary Fixed Locations- BAE Systems Campus - Wayne, NJ, within 10 km, centered around NL 40-54-46; WL 74-14-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.58 GHz	MO	16M0D1D	4 W (ERP)	
4.62 GHz	MO	16M0D1D	4 W (ERP)	
4.64 GHz	MO	16M0D1D	4 W (ERP)	
4.66 GHz	MO	16M0D1D	4 W (ERP)	
4.68 GHz	MO	16M0D1D	4 W (ERP)	
5.745 GHz	MO	16M0D1D	4 W (ERP)	
5.765 GHz	MO	16M0D1D	4 W (ERP)	
5.785 GHz	MO	16M0D1D	4 W (ERP)	
5.805 GHz	MO	16M0D1D	4 W (ERP)	
5.825 GHz	MO	16M0D1D	4 W (ERP)	

Frequency Information

MOBILE: Temporary Fixed Locations, San Diego, CA, within 10 km, centered around NL 32-43-11; WL 117-10-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.52 GHz	MO	16M0D1D	4 W (ERP)	
4.54 GHz	MO	16M0D1D	4 W (ERP)	
4.56 GHz	MO	16M0D1D	4 W (ERP)	
4.58 GHz	MO	16M0D1D	4 W (ERP)	
4.62 GHz	MO	16M0D1D	4 W (ERP)	
4.64 GHz	MO	16M0D1D	4 W (ERP)	
4.66 GHz	MO	16M0D1D	4 W (ERP)	
4.68 GHz	MO	16M0D1D	4 W (ERP)	
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5.765 GHz	MO	16M0D1D	4 W (ERP)	

Frequency Information

MOBILE: Temporary Fixed Locations, San Diego, CA, within 10 km, centered around NL 32-43-11; WL 117-10-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.785 GHz	MO	16M0D1D	4 W (ERP)	
5.805 GHz	MO	16M0D1D	4 W (ERP)	
5.825 GHz	MO	16M0D1D	4 W (ERP)	

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.
- (3) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Santillo at (201) 452-1010.
- (4) Operation the frequency band 4.52 GHz-5.825 GHz in San Diego, CA is subject to prior coordination with the Western Area Frequency Coordinator (WAFC). Phone 760-939-6948.