

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

EXPERIMENTAL

(Nature of Service)

WE2XTA

(Call Sign)

XT MO

(Class of Station)

0081-EX-PL-2008

(File Number)

NAME COMTECH MOBILE DATACOM CORP.

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(d f i) of the Commission's Rules

Station Locations

- (1) MOBILE: 20 Km Radius of US Army, 4th ID Ft. Hood, Texas., within 20 km, centered around NL 31-08-23; WL 97-45-51
- (2) MOBILE: 20 Km radius of 25467 Bright Ct, within 20 km, centered around NL 38-54-47; WL 77-33-34
- (3) MOBILE: 20 Km Radius of 1960 S. Milestone Drive #8 Salt Lake City, UT, within 20 km, centered around NL 40-53-55; WL 111-57-53
- (4) MOBILE: 20 Km Radius of 20430 Century Blvd, Germantown, Md 20874, within 20 km, centered around NL 39-11-33; WL 77-16-03
- (5) MOBILE: 20 Km radius of 3021 American Blvd, Bldg. E Mineapolis MN, within 20 km, centered around NL 44-51-31; WL 93-13-44
- (6) MOBILE: 20 Km radius of 1801 State Route 17C Oswego, NY, within 20 km, centered around NL 42-10-16; WL 76-13-59
- (7) MOBILE: 20 Km radius of 914 W Patapsco Ave, within 20 km, centered around NL 39-14-41; WL 76-38-03
- (8) MOBILE: 20 Km radius from Corner of Corregidor Rd and Guam Ln, Ft. Monmouth, NJ, within 20 km, centered around NL 40-17-48; WL 74-05-15

This authorization effective July 18, 2008 and
will expire 3:00 A.M. EST August 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 20 Km Radius of US Army, 4th ID Ft. Hood, Texas., within 20 km, centered around NL 31-08-23; WL 97-45-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

MOBILE: 20 Km radius of 25467 Bright Ct, within 20 km, centered around NL 38-54-47; WL 77-33-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

MOBILE: 20 Km Radius of 1960 S. Milestone Drive #8 Salt Lake City, UT, within 20 km, centered around NL 40-53-55; WL 111-57-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

Frequency Information

MOBILE: 20 Km Radius of 20430 Century Blvd, Germantown, Md 20874, within 20 km, centered around NL 39-11-33; WL 77-16-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

MOBILE: 20 Km radius of 3021 American Blvd, Bldg. E Mineapolis MN, within 20 km, centered around NL 44-51-31; WL 93-13-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

MOBILE: 20 Km radius of 1801 State Route 17C Oswego, NY, within 20 km, centered around NL 42-10-16; WL 76-13-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

Frequency Information

MOBILE: 20 Km radius of 914 W Patapsco Ave, within 20 km, centered around NL 39-14-41; WL 76-38-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

MOBILE: 20 Km radius from Corner of Corregidor Rd and Guam Ln, Ft. Monmouth, NJ, within 20 km, centered around NL 40-17-48; WL 74-05-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1631.5-1645.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %
1646.5-1660.5 MHz	MO	168KG1D	10 W (ERP)	0.001 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.