

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

KO2XAB

(Call Sign)

0153-EX-RR-2004

(File Number)

NAME Telcordia Technologies, 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(a) of the Commission's Rules

Station Locations

(1) MOBILE: nationwide

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.16 MHz	MO	XXX	100 W (ERP)	0.002 %
35.22-35.66 MHz	MO	XXX	500 W (ERP)	0.002 %
43.16 MHz	MO	XXX	100 W (ERP)	0.002 %
43.22-43.66 MHz	MO	XXX	500 W (ERP)	0.002 %

This authorization effective February 01, 2005 and
will expire 3:00 A.M. EST November 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.486 MHz	MO	XXX	20 W (ERP)	
152.51-152.81 MHz	MO	XXX		
152.834 MHz	MO	XXX		
152.84 MHz	MO	XXX		
157.746 MHz	MO	XXX	20 W (ERP)	
157.77-158.07 MHz	MO	XXX		
158.094 MHz	MO	XXX		
158.1 MHz	MO	XXX		
454.375-454.975 MHz	MO	XXX	600 W (ERP)	
459.375-459.975 MHz	MO	XXX	600 W (ERP)	

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-824 MHz	MO	XXX	300 W (ERP)	
824-851 MHz	MO	XXX		
851-869 MHz	MO	XXX	300 W (ERP)	
869-902 MHz	MO	XXX		
928-930 MHz	MO	XXX	300 W (ERP)	
930-932 MHz	MO	XXX		
935-940 MHz	MO	XXX		
1850-1910 MHz	MO	XXX		
1930-1990 MHz	MO	XXX		
2110-2130 MHz	MO	XXX		

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2160-2180 MHz	MO	XXX		
2400-2483.5 MHz	MO	XXX	4 W (ERP)	
3700-4200 MHz	MO	XXX	300 W (ERP)	
5925-6575 MHz	MO	XXX	20 W (ERP)	
10550-10600 MHz	MO	XXX		
10700-11700 MHz	MO	XXX		
17700-18600 MHz	MO	XXX		
18800-19700 MHz	MO	XXX		
21800-22210 MHz	MO	XXX	10 W (ERP)	
22500-23200 MHz	MO	XXX	10 W (ERP)	

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-29500 MHz	MO	XXX		
38600-39500 MHz	MO	XXX	300 W (ERP)	
40500-42500 MHz	MO	XXX	300 W (ERP)	
50400-51400 MHz	MO	XXX	300 W (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee is authorized to use various emissions and bandwidths during the experiment.
- (4) This authorization does not include use of the 1910-1930 MHz band which has been designated for unlicensed PCS.
- (5) Subject to frequency coordination/notification requirements and power levels as prescribed under applicable Parts of the Commission's Rules.
- (6) Operation on commercial radio service(s) frequency(ies) requires consent of applicable licensee(s) to avoid interference.
- (7) This application is granted in part.