

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

EXPERIMENTAL

(Nature of Service)

KO2XGT

(Call Sign)

XD MO

(Class of Station)

0046-EX-RR-2013

(File Number)

NAME Harris Corporation

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(f, i) of the Commission's Rules

Station Locations

(1) MOBILE: Various Temporary fixed within the Continental United States

Frequency Information

MOBILE: Various Temporary fixed within the Continental United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	XXX		
869-894 MHz	MO	XXX		
928-929 MHz	MO	XXX		
932-935 MHz	MO	12K0F2D	2 W (Output Power)	

This authorization effective February 02, 2013 and
will expire 3:00 A.M. EST February 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Various Temporary fixed within the Continental United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
941-944 MHz	MO	12K0F2D	2 W (Output Power)	
952-960 MHz	MO	XXX		
1850-1990 MHz	MO	XXX		
1990-2110 MHz	MO	XXX		
2110-2200 MHz	MO	XXX		
2130-2200 MHz	MO	XXX		
2450-2483.5 MHz	MO	XXX		
2450-2500 MHz	MO	XXX		
3700-4200 MHz	MO	XXX		
5925-6425 MHz	MO	XXX		

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6425-6525 MHz	MO	XXX		
6425-6875 MHz	MO	XXX		
6875-7125 MHz	MO	XXX		
10550-10680 MHz	MO	XXX		
10550-10565 MHz	MO	XXX		
10615-10630 MHz	MO	XXX		
10700-11700 MHz	MO	XXX		
12200-12700 MHz	MO	XXX		
12700-13250 MHz	MO	XXX		
13200-13250 MHz	MO	XXX		

Frequency Information

MOBILE: Various Temporary fixed within the Continental United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17700-19700 MHz	MO	10M0F9W	2 W (Output Power)	
21200-23600 MHz	MO	25M0F9W	2 W (Output Power)	
27500-29500 MHz	MO	50M0F7W	58 W (Output Power)	
31000-31300 MHz	MO	50M0F7W	58 W (Output Power)	
37000-38600 MHz	MO	50M0F7W	58 W (Output Power)	
38600-40000 MHz	MO	50M0F7W	58 W (Output Power)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Authorized power and emission shall be as authorized in Parts 21, 22, 74, 78 and 101 of the Commission's Rules.
- (6) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (7) Coordination with the U.S. government is required for any operations in 17.8-19.7 GHz band within any of the quiet zones listed in 47CFR1.924(e).
- (8) Operations in 21.2-23.6 GHz must be coordinated with NTIA and the Western Area Frequency Coordinator (WAFC), (760) 939-6948, prior to activation.

Special Conditions:

- (9) Upon notification from the FCC, operation on 21,200-23,600 MHz is subject to immediate cessation, if it causes harmful interference to U.S. Army assignments.