

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

KO2XGT

(Call Sign)

0003-EX-RR-2003

(File Number)

NAME HARRIS CORPORATION - FARINON DIVISION

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, centered around NL 0-00-00; WL 0-00-00

Frequency Information

MOBILE: Various Temporary fixed within the Continental United States, centered around NL 0-00-00; WL 0-00-00

| 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            | XXX                 |                  |                           |
| 941-944 MHz     | MO            | XXX                 |                  |                           |
| 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                 |                  |                           |
| 6425-6525 MHz   | MO            | XXX                 |                  |                           |

This authorization effective February 01, 2003 and  
will expire 3:00 A.M. EST February 01, 2005

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Various Temporary fixed within the Continental United States, centered around NL 0-00-00; WL 0-00-00

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 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                 |                  |                           |
| 17700-19700 MHz | MO            | XXX                 |                  |                           |
| 21200-23600 MHz | MO            | XXX                 |                  |                           |
| 27500-29500 MHz | MO            | 50M0D7W             | 58 W (ERP)       |                           |
| 31000-31300 MHz | MO            | XXX                 |                  |                           |
| 37000-38600 MHz | MO            | XXX                 |                  |                           |
| 38600-40000 MHz | MO            | 50M0D7W             | 58 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) 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.
- (4) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (5) Authorized power and emission shall be as authorized in Parts 21, 22, 74, 78 and 101 of the Commission's Rules.
- (6) Operation in the 824-849 or 869-894 MHz band requires consent of cellular licensees to avoid interference.
- (7) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.