

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

EXPERIMENTAL
(Nature of Service)

K A 2 X N R (new)
(Call Sign)

XC FX
(Class of station)

1966-EX-PL-86
(File number)

NAME RCA CORPORATION

Moorestown (Burlington) New Jersey Lat. 39-58-35.5 N; Long. 74-54-39.3 W.
(Location of station)

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.

Frequency GHz	Authorized Power (watts)	Emission Designator
5.4-5.9	8.1 gigawatts (ERP)	25M5P0N

In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Operation: In accordance with Sec. 5.202(b) of the Commission's Rules.

Special Conditions:

(1) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army Contract No. DAAD07-84-C-0094. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized.

(2) Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

(3) The station identification requirements of Section 5.152 of the commission's rules are waived.

This authorization effective December 19, 1986 and
will expire 3:00 A.M. EST August 1, 1988

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1. Upon completion of the station, in accordance with the terms of this permit, the grantee shall, on the forms and in the manner prescribed from time to time by the Commission, make it appear to the satisfaction of the Commission that all the terms, conditions, and obligations set forth in the application and in this permit have been fully met, and shall apply for a radio station license; upon such showing and application, and upon a finding by the Commission that since the granting of this permit no cause or circumstance has arisen which, in the judgment of the Commission makes the operation of the station against the public interest, a radio station license will be issued by the Commission for the operation of the station. The license will contain the conditions specified in Section 309 of the Communications Act of 1934, and such other terms and conditions as the Commission may prescribe.

2. This permit shall not vest in the grantee any right to operate the station, nor any right to a license authorizing the use of the particular frequency or the amount of power, or the time of operation herein specified. The Commission, in issuing this permit, reserves the right to assign whatever frequency, power, or time of operation it deems best calculated to serve public interest, convenience, or necessity. The terms of said license as to frequencies, power, emission, time of operation, and scope of communication are expressly made subject to the exercise of said reserved right.

3. Nothing contained herein shall be construed as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The permittee expressly agrees to install such marking or lighting as the Commission may hereafter require under the provisions of Section 303 (g) of the Communications Act of 1934.

4. This permit shall become automatically forfeited if the said station is not ready for operation within the time above specified, unless prior to the expiration of said permit the Commission shall have granted an extension of time. Upon proper showing, made to it by the grantee, prior to the expiration of such period, the Commission may grant an extension if it finds that the grantee was prevented from completing the construction of said station by causes not under grantee's control.

5. Neither this permit nor the right granted herein shall be assigned or otherwise transferred to any person, firm, company, or corporation without the written consent of the Commission.