

290 W. Mount Pleasant Ave., Rm. 2B250, Livingston, NJ 07039

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

EXPERIMENTAL

(Nature of Service)

K O 2 X A D

(Call Sign)

XD MO

(Class of station)

9319-EX-R-93

(File number)

NAME BELL COMMUNICATIONS RESEARCH, INC.

Mobile: Within Continental United States

(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	Authorized Power (watts)	Emission Designator
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See attached

Frequency Tolerance: 0.002% for 35.16-43.66 MHz; 0.0005% for 152.51-459.975; 825-845, 870-890 MHz; 0.001% for 2110-2180 MHz; 0.03% for 3700-6575 MHz; 0.05% for 10700-11700 MHz.

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

Special Conditions:

- (1) The station identification requirements of Section 5.152 of the Commission's rules are waived.
- (2) Transmissions in the 3700-4200, 5925-6425 MHz bands shall be based on prior coordination with existing earth station licensees located within the coordination distance contours.
- (3) All operation on Common Carrier frequencies is subject to prior coordination with authorized independent or MCC users in operational area.

This authorization effective December 1, 1993 and
will expire 3:00 A.M. EST December 1, 1995

FEDERAL
COMMUNICATIONS
COMMISSION

Frequency (MHz)	Emission Designator	Authorized Power (watts input)
35.16, 43.16	N0N/15K0F2B/16K0F3E	100
35.22-35.66, 43.22-43.66	N0N/6K00A2B/A3E/15K0F2B/16K0F3E	500
152.51-152.81, 157.77-158.07	N0N/6K00A2B/A3E/15K0F2B/16K0F3E	600
152.486, 152.834, 152.84	10K2F2B/15K0F2B/16K0F3E	20
157.746, 158.094, 158.10	10K2F2B/15K0F2B/16K0F3E	20
454.375-454.45, 454.45-454.975	N0N/6K0A2B/A3E/80K0F2B/F3E	600
459.375-459.45, 459.45-459.975	N0N/6K0A2B/A3E/80K0F2B/F3E	600
825-845, 870-890	N0N/30K0F2B/F3E	12
825-845, 870-890	N0N/30K0F2B/F3E/F7W	300
2110-2130, 2160-2180	N0N/10Mf1B/F2B/F3E/F7B	4000
3700-4200	N0N/20MF2B/F3E/F8W/F7B	20
5.925-6.575 GHz	N0N/30MF2B/F3E/F3F/F8W/F7W	20
10.55-10,680 GHz	N0N/5MF8W/F7W	20
10.7-11.7 GHz	N0N/40MF2B/F3E/F3F/F8W/F7W	50
17.7-19.4 GHz	N0N/220MF1B/F2B/F3E/F7B/F8W	20
19.4-19.7 GHz	N0N/220MF1B/F2B/F3E/F7B/F8W	20
21.8-23.2 GHz	N0N/16M0A8W	10

Est. Avg. Burden Hours Per Response: 2.25 Hrs.

APPLICATION FOR RENEWAL OF RADIO STATION LICENSE
IN SPECIFIED SERVICES(Specified Services - FCC Rules Parts 5, 21, 22, 23 and 25)
Read instructions and Notice on Back Before CompletingFile Number
Call Sign

10-14-93 B320285 003

1. Name of Applicant (must be identical with that shown on current authorization)
Bell Communications Research, Inc.

2. Mailing Street Address or P.O. Box, City, State and ZIP Code of Applicant

3. Identify Rulepart under which
this filing is made

Part 5

290 W. Mt. Pleasant Avenue, Room 2B250, Livingston, NJ 07039

4. Fee Data. Refer to 47 CFR Section 1.1105 or 10-2 appropriate Fee Filing Guide for information.

FCC Use Only

(a) Fee Type Code
EAB

(b) Fee Multiple, if required

(c) Fee Due for Fee Type Code in 4(a)
\$ 35.00

5. Application is for renewal of license in exact conformity with the existing license as specified below:

(a) File Number
9319-EX-R-91(b) Date issued
December 1, 1991(c) Call Sign
K02XAD(d) Location
Mobile; Within Continental
United States(e) Nature of Service
Experimental(f) Class of Station
XD MO(g) Expiration Date
December 1, 19936. Note any changes such as discontinuance of use of a frequency, or of a type of emission or of a transmitter which have been
made since the last application covering this station was filed:

NONE

7(a) Has there been removal of equipment or alteration of facilities so as to render the station not operational?
If "YES," when:☐ YES☐ NO(b) If this is a Multipoint Distribution Service (MDS) station, is there an ownership interest in, control by,
affiliation with, or leasing arrangement with a cable television company?☐ YES☐ NOApplicant represents that there has been no change in applicant's organization and that there has been no transfer of control or
changes in the applicant's relation to the station, or financial responsibility; that applicant's most recent application or report
embodying this information, as identified below, is to be considered as a part of this application, and the truth of the statements
therein contained is hereby reaffirmed. Note here any further exceptions, not already covered in question 6 or 7.

File No.

9270-ED-PL-83

Date
3/12/849. Would a Commission grant of this application come within 47 CFR 1.1307, such that it may have a
significant environmental impact?☐ YES☒ NOIf "YES," attach as Exhibit No. _____
If "NO," explain briefly why not.Proposed facilities will be temporary in nature and will not have a significant
environmental impact.

10. Certification

a. Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory
power of the United States because of the previous use of the same, whether by license or otherwise, and requests a station
license in accordance with this application. Applicant acknowledges that all attached exhibits are a material part hereof.c. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true,
complete and correct to the best of the signer's knowledge and belief, and are made in good faith.

Date

Name of Applicant (must correspond with item 1)

Bell Communications Research, Inc.

Resources & External Affairs

Signature

Designate Appropriate Classification

☐ INDIV.☐ APPL.☐ MEM. OF☐ PART.☐ OFFICER & MEM. OF THE☐ APPLICANT'S ASSOC.☒ AUTH. REPR.☐ OFFICIAL OF☐ GOVT. ENTITYWillful false statements made on this form are punishable by fine and/or imprisonment (U.S. Code, Title 18, Section 1001)
and/or revocation of any station license or construction permit (U.S. Code, Title 47, Section 312(a)(1)), and/or forfeiture
(U.S. Code, Title 47, Section 503).

Anti-Drug Act of 1988

The applicant certifies that, it is not subject to a denial of federal benefits pursuant to section 5301 of the Anti-Drug Act of 1988.

FEDERAL COMMUNICATIONS COMMISSION
FEE PROCESSING FORM

FOR
FCC
USE
ONLY

Please read instructions on back of this form before completing it. Section I MUST be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all payments. Only one Fee Processing Form may be submitted per application or filing. Please type or print legibly. All required blocks must be completed or application/filing will be returned without action.

SECTION I

APPLICANT NAME (Last, first, middle initial)

Bell Communications Research, Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters - refer to Instruction (2) on reverse of form)

W. Mt. Pleasant Avenue

MAILING ADDRESS (Line 2) (If required) (Maximum 35 characters)

Room LCC 2B250

CITY

Livingston

STATE OR COUNTRY (If foreign address)

New Jersey

ZIP CODE

07039

CALL SIGN OR OTHER FCC IDENTIFIER (If applicable)

KO2XAD

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

	(A) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(1)	E A E	0 0 0 1	\$ 35.00	

SECTION II

— To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

	(A) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(2)			\$	
(3)			\$	
(4)			\$	
(5)			\$	
ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (5), AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.			TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING \$ 35.00	FOR FCC USE ONLY