

SECTION I

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR RENEWAL OF NONCOMMERCIAL
EDUCATIONAL TV, FM, OR STANDARD BROADCAST STATION LICENSE

INSTRUCTIONS

- A. This form is to be used only in applying for renewal of license for a noncommercial educational TV, FM, or Standard broadcast station. This form consists of this part, Section I, and the following sections:
Section II, Renewal Application Engineering Data
Section IV, Statement of Program Service of Broadcast Applicant
Section VI, Equal Employment Opportunity Program
- B. PREPARE THREE COPIES of this form and all exhibits. Sign one copy. File all the above with the Federal Communications Commission, Washington, D. C. 20554.
- C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 5 of this form. Date each exhibit.
- D. The name of the applicant must be stated exactly as it appears on the current license. The applicant must notify the Commission of any change of address.
- E. Information called for by this application which is already on file with the Commission need not be refiled in this application provided (1) the information is now on file in another application or FCC form filed by or on behalf of this applicant; (2) the information is identified fully by reference to the file number (if any), the FCC form number and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing." Any such reference will be considered to incorporate into this application the application or other form referred to in its entirety. Do not incorporate by reference any material which is not to be open to the public.
- F. This application shall be personally signed by the applicant, if the applicant is an individual; by one of the partners, if the applicant is a partnership; by an officer, if the applicant is a corporation; by a member who is an officer, if the applicant is an unincorporated association; by such duly elected or appointed officials as may be competent to do so under the laws of the applicable jurisdiction, if the applicant is an eligible government entity; or by the applicant's attorney in case of the applicant's physical disability or of his absence from the United States. The attorney shall, in the event he signs for the applicant, set forth the reason why the application is not signed by the applicant. In addition, if any matter is stated on the basis of the attorney's belief only (rather than his knowledge), he shall separately set forth his reasons for believing that such statements are true.
- G. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

1. Renewal requested for following existing facilities

Frequency 88.7 MHz	Channel No. 204	Call Sign WRSU-FM
Effective radiated power in kilowatts (or power for standard broadcast stations) 1.35	Antenna height above average terrain in feet (FM and TV only) 125	
Location of main studio		
State New Jersey	City New Brunswick	
Location of transmitter		
State New Jersey	County Middlesex	City North Bruns.
Number and street (or other indication of location) College Farm Road & U.S. Route 1		

FOR COMMISSION USE ONLY

File No. **BRED-693**

Name and address of applicant (See instruction D) **The Board of Governors of Rutgers, The State University**
Address **126 College Avenue**
City **New Brunswick** State **N.J.** ZIP CODE **08903**

Send notice and communications to the following-named person at the post office address indicated:

Name **Robert P. Koska**
Address **126 College Avenue**
City **New Brunswick** State **N.J.** ZIP CODE **08903**

2. Is applicant, or any person directly or indirectly controlling applicant, party to a suit in any Federal Court involving the monopolizing, or an attempt to monopolize radio communication directly or indirectly through control of the manufacture or sale of radio apparatus, by exclusive traffic arrangement, or by any other means, or of using unfair methods of competition?

YES ☐ NO ☒

If "Yes," attach as Exhibit No. _____ a full description of the proceeding, identifying the court and showing where records of the proceeding may be obtained. If applicant is party to such a case describe fully the proceeding, identify the court and show where records of the proceeding may be obtained. (See Section 313 of the Communications Act of 1934.)

3. Has there been any change with respect to the applicant's citizenship status or with respect to representation of alien or foreign governments?

YES ☐ NO ☒

If "Yes," give full details in Exhibit No. _____

4. Are there any documents, instruments, contracts or understandings relating to ownership, use or control of the station facilities, or any right or interest therein?

YES ☒ NO ☐

If "Yes," attach as Exhibit No. **3** copies of all such documents, instruments or contracts and state the substance of oral contracts or understandings.

5. Is the applicant's Ownership Report (FCC Form 323E) filed with this application? (See Section 1.615 of Commission's Rules.)

YES ☒ NO ☐

If answer is "No," give date of filing last Ownership Report and call sign, station location and file number of renewal application with which it was filed.

6. How is the operation of the station financed?

Refer to Exhibit No. **1**

The APPLICANT hereby waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934.)

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

The APPLICANT, or the undersigned on the applicant's behalf, certifies that he has endeavored to supply full and correct information as to all matters which are relevant to this application and that he has done so as to all matters within his own knowledge. The applicant, or the undersigned on the applicant's behalf, certifies that the statements in the application and attached exhibits are true, complete, and correct to the best of his knowledge and belief, and are made in good faith.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 13th day of January, 19 75.

(This Section should not be signed and dated until all the following Sections and Exhibits have been prepared and attached.)

The Board of Governors of Rutgers, The State

(NAME OF APPLICANT)

University

By

Lowell T. Dink

(SIGNATURE)

Title

Associate Treasurer

WILLFUL FALSE STATEMENTS MADE ON THIS FORM
ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U. S. CODE, TITLE 18, SECTION 1001.

If applicant is represented by legal or engineering counsel, state name and post office address:

Legal: Welch & Morgan, 900 17th Street, N.W., Washington, D.C. 20006
Engineering: Paul Godley CO., Houston Road, Little Falls, New Jersey

EXHIBITS furnished as required by this form:

EXHIBIT NO.	SECTION AND PARAGRAPH NO. OF FORM	NAME OR OFFICER OR EMPLOYEE (1) BY WHOM OR (2) UNDER WHOSE DIRECTION EXHIBIT WAS PREPARED (SHOW WHICH)	OFFICIAL TITLE
1	Sec.1 Par.6	Robert P. Koska, Station Manager	
2	Sec.4 Par.1a	Robert P. Koska, Station Manager	
3	Sec.1 Par.4	Robert P. Koska, Station Manager	
4	Sec. 6	Robert P. Koska, Station Manager	

STATEMENT OF PROGRAM SERVICE OF
BROADCAST APPLICANTName of applicant: The Board of Governors
of Rutgers, The State University

FOR COMMISSION USE ONLY

File No.:

DEFINITIONS FOR PROGRAM DATA

1. Sources of programs are defined as follows:

A local program (L) is any program originated or produced by the station, employing live talent more than 50% of the time, and using the studios or other facilities of the station. A local program recorded or filmed by the station for later broadcast shall be classified as local. A program produced by a station and fed to a network shall be classified by the originating station as local. Programs primarily featuring phonograph records, syndicated or feature films or taped or transcribed programs, shall not be classified as local even though a station personality appears incidentally to introduce such material.

A record program (REC) (Radio only) is any program, not falling within the definition of "local" above, which utilizes phonograph records, electrical transcriptions or taped music, with or without commentary by a local announcer, or other station personnel.

A network program (N) is any program furnished to the station by a network (national, regional or special) such as NET, NAEB Radio Tape Network, Eastern Educational Network, Educational Radio Network, etc.

Other Programs (OTHER) are any programs not defined above, including, without limitation, syndicated film, taped or transcribed programs, and feature films.

2. Types of educational programs are defined as follows:

Instructional (I) includes all programs designed to be utilized by any level of educational institution in the regular instructional program of the institution. In-school, in-service for teachers, and college credit courses are examples of instructional programs.

General Educational (GEN) is an educational program for which no formal credit is given.

Performing Arts (A) is a program, live or recorded, in which the performing aspect predominates such as drama or concert, opera or dance.

Public Affairs (PA) includes talks, discussions, speeches, documentaries, editorials, forums, panels, round tables, and similar programs primarily concerning local, national, and international affairs or problems.

Light Entertainment (LE) includes programs consisting of popular music or other light entertainment.

Other (O) includes all programs not falling within the definitions of Instructional, General Education, Performing Arts, Public Affairs or Light Entertainment. Such programs as news or sports should be reported as "other."

PROGRAM DATA

1. (a) Attach as Exhibit No. 2(a-g)

Program Logs for a full week

of operation:

(1) from the school term during which the application is filed, or

(2) if such term began less than 90 days before the date of filing the application, from the school term immediately preceding the school term during which the application is filed.

(b) State for the week submitted in 1(a) above the sign-on and sign-off time and total hours for weekdays, Saturday, and Sunday.

	Weekdays	Saturday	Sunday	
Sign-on A.M.	6:00	6:00	8:42	
Sign-off A.M.	3:00	3:00	3:00	
Total hours on air	105 [±]	21	18 ⁴	Total 144 ^{4±}

(c) State for a full week submitted in 1(a) above the portion of the schedule obtained from the following sources (totals to equal 100%):

Source	Hours	Percentage
1. Local program	23.28	16
2. Record program (Radio only)	113.03	78
3. Network program	0	0
4. Other	8.64	6
Total	144.95	100%

(d) State for a full week submitted in 1(a) above the amount of time devoted to the following types of programs (totals to equal 100%):

Type of Program	Hours	Percentage
1. Instructional	0	0
2. General Educational	35.4	24
3. Performing Arts	.93	1
4. Public Affairs	2.97	2
5. Light Entertainment	91.13	63
6. Other	14.52	10
Total	144.95	100%

2. Does applicant contemplate any material changes in future program service?

YES ☐ NO ☒

If "Yes", submit as Exhibit No.

a statement indicating what they are.

3. Will the station be affiliated with any network?

YES ☐ NO ☒

If "Yes", give the name of the network(s).

NOTE: The NET, NAEB Radio Tape Network, Educational Radio Network, and the Eastern Educational Network are examples of educational networks.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

OWNERSHIP REPORT
FOR NONCOMMERCIAL EDUCATIONAL TV, FM, OR
STANDARD BROADCAST STATION

INSTRUCTIONS

- This report is to be filed as follows by noncommercial educational TV, FM, or Standard broadcast stations (See Section 1.615):
 - By licensees with the application for renewal of station license.
 - By licensees or permittees within 30 Days after the consummation, pursuant to Commission consent, of a transfer of control, or an assignment of license or the grant of an original construction permit.
 - By licensees or permittees within 30 days after changes in the information called for by this form.
 - File one copy with the Federal Communications Commission, Washington, D.C. 20554. If information submitted is equally applicable to each station above listed, one report may be filed for all such stations; otherwise a separate report shall be filed for each station.
 - This form is to be filled out completely when filed pursuant to (a) and (b) above. When filled out pursuant to (c), changes only need be noted.
- Any contract or modification of contract relating to the ownership, control, or management of the licensee or permittee must be filed with the Commission, as required by Section 1.613 of the Rules. Attention is directed to the fact that Section 1.613 requires the filing of all contracts of the types specified and is not limited to executed contracts but includes options, pledges, and other executory agreements and contracts relating to ownership, control, or management.
- This form should be used to report all types of transactions concerning agreements and voting control.
- If the licensee or permittee is directly or indirectly controlled by another entity, a separate Form 323E should be submitted to report changes in the offices and directors of such entity.
- This form is not to be used to report or request a transfer of control or assignment of license or construction permit (except to report a transfer of control or assignment of license made pursuant to prior Commission consent). The appropriate forms for use in connection with such transfers or assignments are FCC Forms 314, 315, and 316. It is the prime responsibility of the licensee or permittee to determine whether a given transaction constitutes a transfer of control or an assignment.
- The official title of the respondent must be an officer in the licensee or permittee corporation or association, or in case of a governmental or public educational agency, a duly authorized administrative representative thereof.

FOR COMMISSION USE ONLY

File No.:

Name of Applicant

The Board of Governors of Rutgers,
The State University

1. All of the information furnished is reported as of

January 10, 1975

(Date must comply with Section 1.615(a) when box 1(a) below is checked)

This report is filed pursuant to instruction (Check One)

1(a) ☒ Renewal

(b) ☐ Transfer of Control,
Assignment of License, or
Construction Permit

(c) ☐ Change of prior report, for the following stations:

Call sign WRSU-FM

Type of station Noncommercial Educational

Location

City

New Brunswick

State

New Jersey

2. List all contracts and other instruments set forth in Section 1.613 (attached) of the Commission's Rules and Regulations

Description of contract or instrument

Use of news service, and machine.

Name of person or organization with whom contract is made

United Press International

Date of execution

Date Currently Pending

Date of expiration

One year of signing

3. Is the governing board directly or indirectly under the control of another entity?

YES ☐ NO ☒

If "Yes", give name and nature of entity

4. Show the interests in any other broadcast station of the licensee or permittee, or any of its officers, members of the governing board, and holders of 1% or more ownership interest, if any.

None

Section 310(b) of the Communications Act of 1934 requires that consent of the Commission must be obtained prior to the assignment or transfer of control of a station license or construction permit. This form may not be used to report or request an assignment of license or transfer of control (except to report an assignment of license or transfer of control made pursuant to prior Commission consent).

CERTIFICATION

(Date of certification must be within 30 days of date shown in Item 1 when box 1(a) is checked and in no event prior to Item 1 date.)

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 13th day of January, 19 75.

The Board of Governors of Rutgers,
The State University
(NAME OF LICENSEE OR PERMITTEE)

By

Lowell C. Donk

(SIGNATURE)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM
ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U. S. CODE, TITLE 18, SECTION 1001.

Title

Associate Treasurer

5. Give the following information as to applicant's officers, members of governing board, and holders of 1% or more ownership interest, if any.

NAME AND RESIDENCE	OFFICE HELD	CITIZENSHIP	PRINCIPAL PROFESSION OR OCCUPATION	BY WHOM APPOINTED OR ELECTED
David Werblin 860 United Nations Plaza New York, N.Y.	Governor	Yes	880 3rd Ave. New York, N.Y.	Gov. Cahill
Katharine White P.O. Box 261 Red Bank, N.J.	Governor	Yes		University Trustees
Frederick Ziegler Misty Meadows Juliestown Rd. Columbus, N.J.	Governor	Yes		Gov. Hughes
Edward Bloustein Presidents House 1245 River Rd. Piscataway, N.J.	Governor (ex officio)	Yes	University President	Gov. Cahill
Ralph Dungan 142 Hodge Rd. Princeton, N.J.	Governor (ex officio)	Yes	State Chancellor of Higher Education	Gov. Cahill

Section 310(b) of the Communications Act of 1934 requires that consent of the Commission must be obtained prior to the assignment or transfer of control of a station license or construction permit. This form may not be used to report or request an assignment of license or transfer of control (except to report an assignment of license or transfer of control made pursuant to prior Commission consent).

CERTIFICATION

(Date of certification must be within 30 days of date shown in Item 1 when box 1(a) is checked and in no event prior to Item 1 date.)

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 13th day of January, 1975.

The Board of Governors of Rutgers,

The State University
(NAME OF LICENSEE OR PERMITTEE)

By

Lowell G. Deak

(SIGNATURE)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM
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U. S. CODE, TITLE 18, SECTION 1001.

Title

Associate Treasurer

5. Give the following information as to applicant's officers, members of governing board, and holders of 1% or more ownership interest, if any.

NAME AND RESIDENCE	OFFICE HELD	CITIZENSHIP	PRINCIPAL PROFESSION OR OCCUPATION	BY WHOM APPOINTED OR ELECTED
William Gaskill 17 Briarwood Lane Pleasantville, N.Y.	Governor	Yes	T.J. Ross & Associates	University Trustees
Milton Gelzer R.D.#1, 4 Lamdan Lane Toms River, N.J.	Governor	Yes	Hiering, Grasso, Gelzer & Kelaher	Gov. Cahill
Charles Jurgensen Maple Ave. Millbrook, N.Y.	Governor	Yes		University Trustees
Allan Mitchell 623 Westview St. Phila., Pa.	Governor	Yes	Philadelphia Electric Co.	University Trustees
Claire Nagle Middlebrook Rd. Bound Brook, N.J.	Governor	Yes	Kuhlthau, Nagle Griggs & Goddard	University Trustees
W. Henry Sayen 167 Edgerstoune Rd. Princeton, N.J.	Governor	Yes	Mercer Rubber Company	Gov. Cahill
Emma L. Twyman 8 Drift St. New Brunswick, N.J.	Governor	Yes		Gov. Cahill
Joseph Weintraub 205 Austen Rd. Orange, N.J.	Governor	Yes	N.A.	N.A.

RENEWAL APPLICATION ENGINEERING DATA

Name of applicant: **Board of Governors of Rutgers, the State University of New Jersey**

FOR COMMISSION USE ONLY

File No.

1. Description of transmitting apparatus

	Make	Type No.	Serial No.
Visual	N.A.		
Aural	Gates	FM-1H3	85926
Tubes in last radio stage			
Visual	N.A.		
Aural	Eimac	4CX1000A	1

5. Frequency monitors and control equipment

	Manufacturer's name	Type No.
Visual	N.A.	
Aural	Belar	FMM-1 FMS-1
How often is the station frequency and the frequency monitor checked with a frequency standard of known accuracy?	Quarterly	
Automatic frequency control equipment		
Make	Gates	Type No. 992- 2697-001

2. Operating constants (FM and Television only)

	Visual	Aural
Total plate current to last radio stage in amperes	N.A.	.503
Plate voltage applied to last radio stage in volts	N.A.	3100
Plate input power to the last radio stage in kilowatts	N.A.	1.5593
Efficiency Factor F of the transmitter at operating power	N.A.	.641
RF transmission line meter reading	N.A.	N.A.

Furnish following data on last frequency checks

Date	1/6/75	88,899,900 Hz.
Reading of monitors	-100 hz	Method used (Use reverse side of this sheet)

6. Modulation monitors

	Manufacturer's name	Type No.
Visual	N.A.	
Aural	Belar	FMM-1 FMS-1

7. Phase monitor (if used)

Make	Type
N.A.	

3. Indicating instruments: (Standard Broadcast only) N.A.

	Range	Normal Reading	
		Day	Night
Plate voltmeter	0-		
Plate ammeter	0-		
Antenna ammeter	0-		

4. Directional antenna operating values (Standard Broadcast only) N.A.

Tower	Phase reading in degrees		Antenna base current		Remote indication of antenna current	
	Night	Day	Night	Day	Night	Day
#1						
#2						
#3						
#4						
#5						
#6						

Manufacturer and type of phase monitor used in taking above readings:

N.A.

Describe equipment used for remote indication of antenna currents (phase monitor or other method)

N.A.

8. Give date of last tower repainting

August 1973

9. Have changes been made in the fundamental audio or radio circuits of the transmitter affecting the schematic diagram heretofore filed with the Commission? YES ☐ NO ☒

If the answer is "Yes", attach as Exhibit No. accurate corrected diagram, and brief explanation.

10. (a) Have equipment performance measurements been made within the past four months? YES ☒ NO ☐

(b) Give date of last measurements

1/6/75

(c) Do these measurements show the transmitting system performance to be in accordance with the Standards of Good Engineering Practice? YES ☒ NO ☐

(If the answer to either of the above questions is "No", attach as Exhibit No. a complete explanation.)

11. In what respect, if any does the apparatus, antenna, or operation differ from that described in the last application for license or renewal of license?

None.

12. Attach as Exhibit No. N.A. the original or one exact copy of the transmitter operating logs for the seven days comprising the composite week analyzed in Section IV of the application. If original logs are submitted they will be returned. (For Standard Broadcast Only)

Board of Government
Administration
of New Jersey

Method of Frequency test;
Read directly off our Belar FMM-1 Frequency Monitor.

Pilot Frequency: 19,000.7 hz
Method used: Read off our Belar FMS-1 Stereo Monitor.

1-388-
1-387-001

Notes

1

1000000

Class

88,000,000 Hz

100 Hz

100 Hz

N.A. 100

N.A. 100

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

August 1973

Notes

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

N.A. 1.5523

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Date 1/8/75

Signature 

(check appropriate box below)

- ☒ Technical Director ☐ Chief Operator
☐ Registered Professional Engineer
☐ Consulting Engineer

PROOF OF PERFORMANCE MEASUREMENTS

WRSU-FM

Call Letters

Board of Governors

Rutgers-the State University

Partnership, Company or
Corporate Name

New Brunswick, New Jersey, 08903

City

State

Zip

January 6, 1975

Date

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ENGINEER'S STATEMENT

This is to certify that the data contained within this Proof of Performance report is as factual and accurate as the present state of the art permits. It is further attested that the measurements were conducted on the 6th day of January, 1975, using the broadcast facilities of WRSU-FM, New Brunswick, N.J. between the hours of 3:00 AM and 5:45 AM in accordance with the applicable rules and regulations.

Engineer  Mark A. Harris

License number P1-2-32425

Expires June 7, 1978

EQUIPMENT LIST

ITEM	MAKE	TYPE	SERIAL/CALIBRATION
AUDIO GEN	<u>B&W</u>	<u>210</u>	<u>S/N 4139</u>
GAIN SET	<u>Gates</u>	<u>M 3625</u>	
MOD. MONITOR	<u>Belar</u>	<u>FMM-1</u>	<u>S/N 101875</u>
N/D METER	<u>B&W</u>	<u>410</u>	<u>S/N 4487</u>
SCOPE	<u>RCA</u>	<u>WO-91B</u>	<u>S/N 25531</u>
<u>Stereo Monitor</u>	<u>Belar</u>	<u>FMS-1</u>	<u>S/N 201662</u>
<u>Console</u>	<u>Gates</u>	<u>M 61581</u>	<u>S/N 73-9934-013</u>
<u>AGC Amp.</u>	<u>Gates</u>	<u>Solid Statesmen</u>	<u>S/N's 73-7800-004</u> <u>73-7800-022</u>
<u>Limiter</u>	<u>Gates</u>	<u>Solid Statesmen</u>	<u>S/N's 73-9936-039</u> <u>73-9936-042</u>

PROCEDURE

System gain was maintained as used in normal programming. Any AGC, Limiter, or Clipper circuits were either disabled or patched out.

A 10 dB correction factor was used to allow for the sine vs. complex peak difference. The mic input level was approximately -50 dBm.

Standard good engineering practices were used in making the tests. The last calibration date for each piece of test gear is listed on page 3. Therefore, the data contained herein is believed to be quite accurate.

Distortion measurements were made at the applicable modulation level, ie: 25%, 100% etc. Response is listed as a departure from the ideal directly in dB.

Measurements were made with the monitors located at the transmitter site and not using the studio RF amplifier where employed.

SYSTEM RESPONSE DATA (FM)

FREQ. LEFT RIGHT MONO

100% MODULATION

50	0	0	
100	-1	-.75	
400	-.95	-.7	
1000	-.15	-.15	
2500	+.05	+.05	
5000	0	+.5	
7500	+.05	+.3	
10000	+.4	+.15	
15000	-.1	+.65	

50% MODULATION

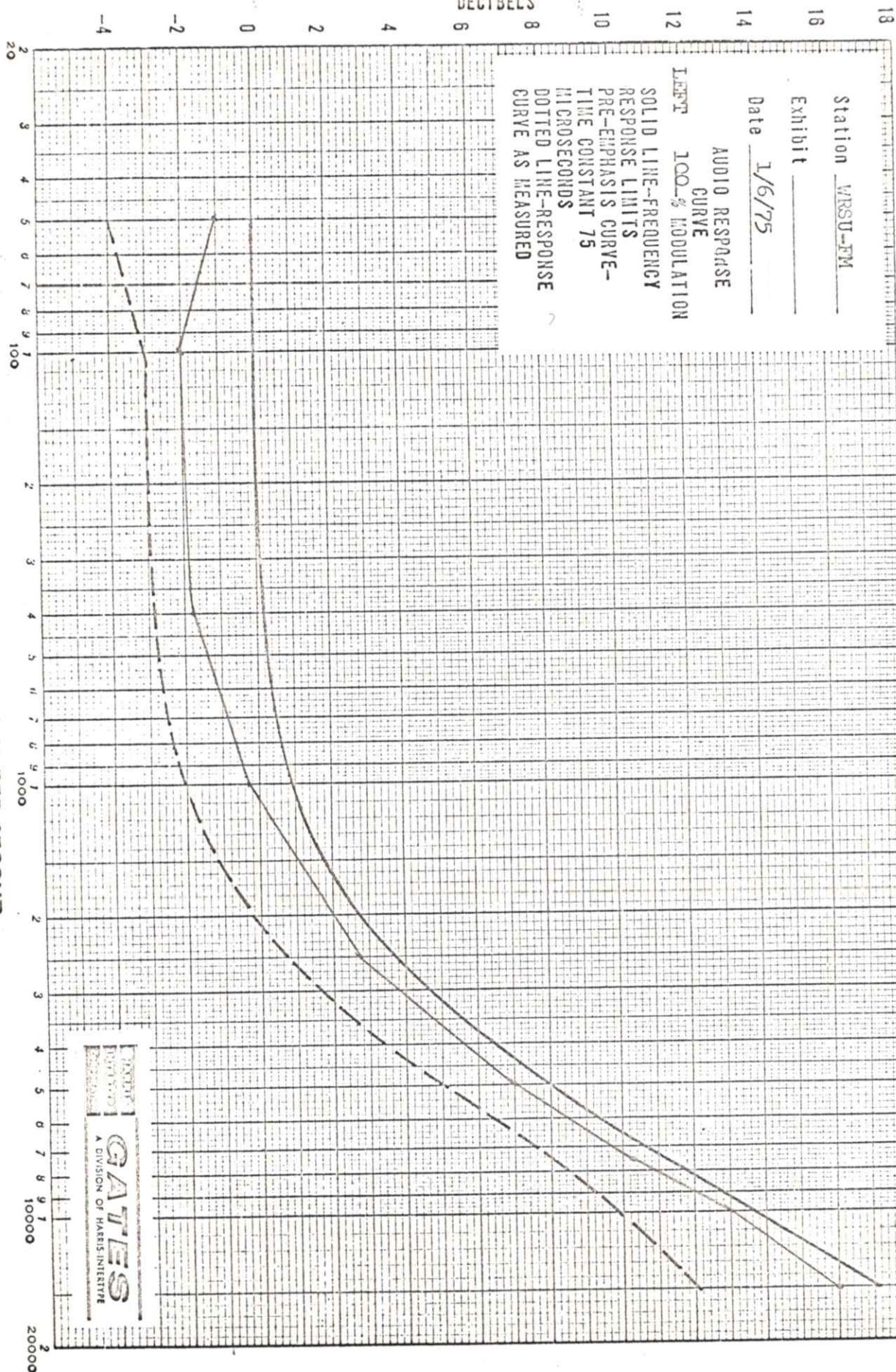
50	0	0	
100	-.5	-.5	
400	-.45	-.8	
1000	-.15	-.15	
2500	+.05	+.05	
5000	+.5	+.25	
7500	+.05	+.05	
10000	+.4	+.15	
15000	+.4	+.15	

25% MODULATION

50	0	0	
100	-.75	-.5	
400	-.7	-.45	
1000	-.3	-.3	
2500	+.05	+.3	
5000	+.5	+.25	
7500	+.3	+.3	
10000	+.65	+.9	
15000	+1.15	+1.4	

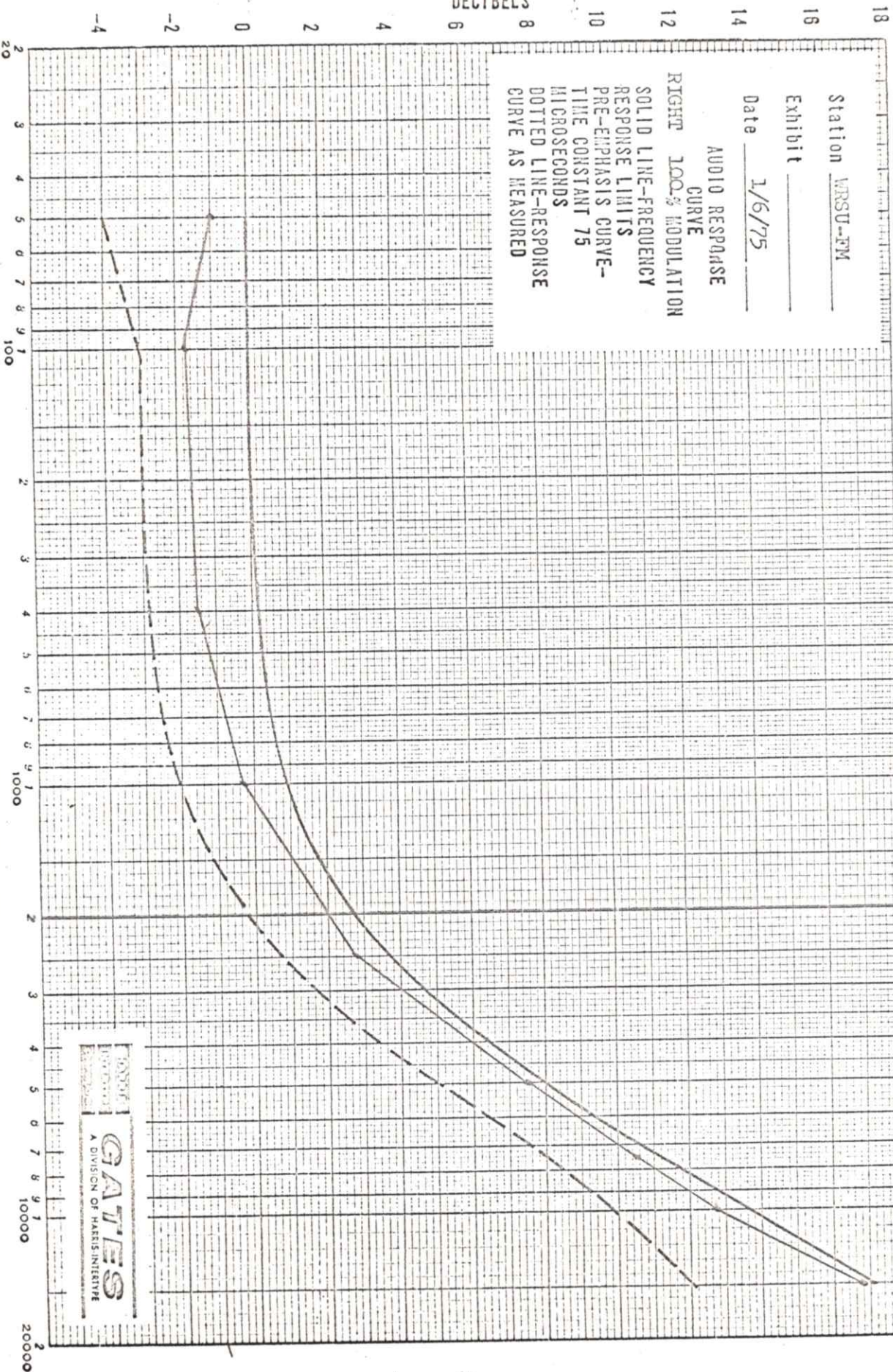
XXXX

DECIBELS



XXXX

DECIBELS



X&X

DECIBELS

Station WESU-FM
Exhibit _____
Date 1/6/75
AUDIO RESPONSE
LEFT 50% CURVE MODULATION
SOLID LINE-FREQUENCY
RESPONSE LIMITS
PRE-EMPHASIS CURVE-
TIME CONSTANT 75
MICROSECONDS
DOTTED LINE-RESPONSE
CURVE AS MEASURED

FREQUENCY IN CYCLES PER SECOND

GATES
A DIVISION OF HARRIS INITIATIVE

20X

DECIBELS

Station WRSU-FM
Exhibit _____
Date 1/6/75
AUDIO RESPONSE
RIGHT 50% MODULATION
SOLID LINE-FREQUENCY
RESPONSE LIMITS
PRE-EMPHASIS CURVE-
TIME CONSTANT 75
MICROSECONDS
DOTTED LINE-RESPONSE
CURVE AS MEASURED

FREQUENCY IN CYCLES PER SECOND

GATES
A DIVISION OF HARRIS INTERTYPE

622x

DECIBELS

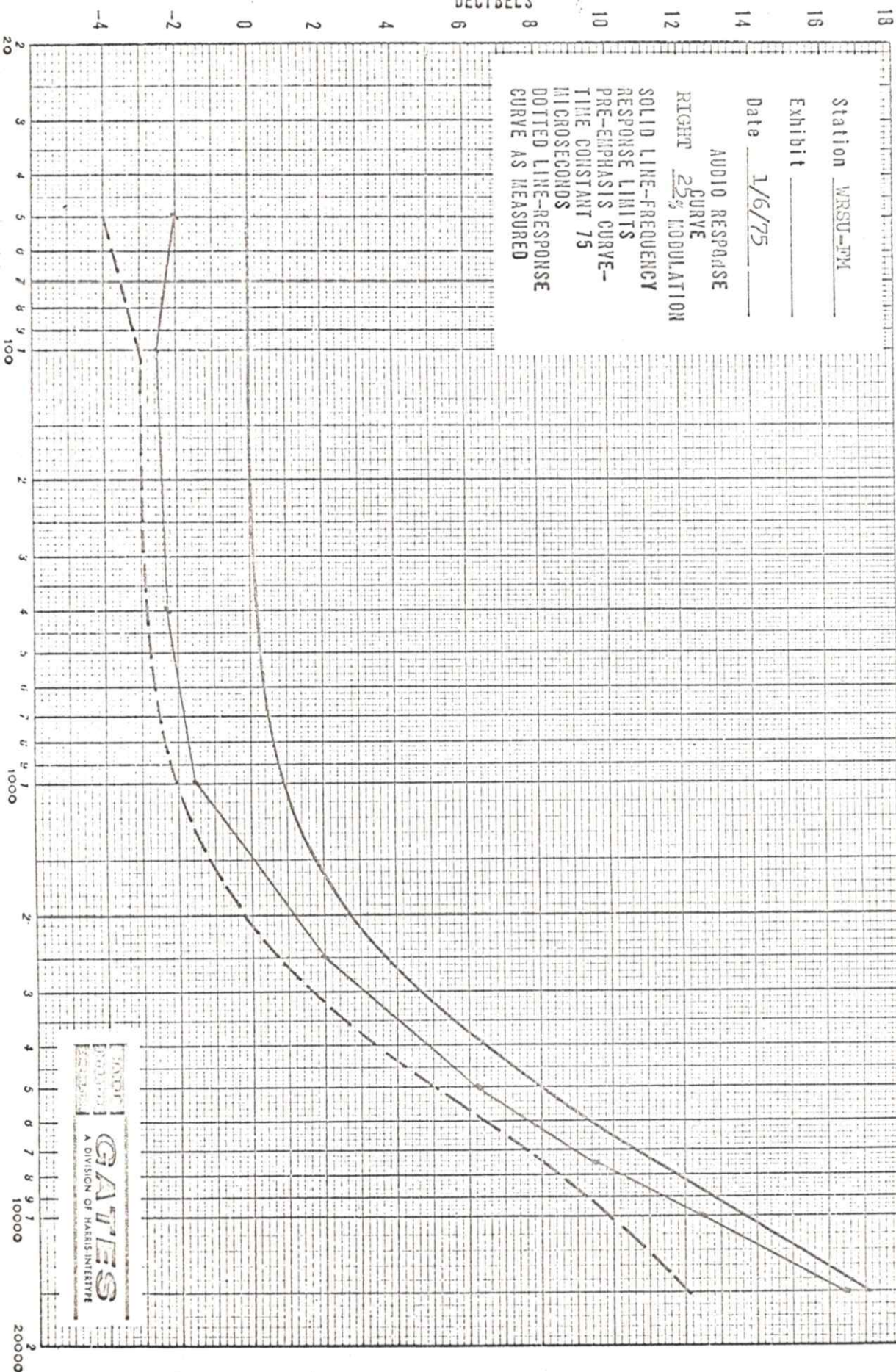
Station WRSU-FM
Exhibit _____
Date 1/6/75
AUDIO RESPONSE
CURVE
DEPT 25-5 MODULATION
SOLID LINE-FREQUENCY
RESPONSE LIMITS
PRE-EMPHASIS CURVE--
TIME CONSTANT 75
MICROSECONDS
DOTTED LINE-RESPONSE
CURVE AS MEASURED

FREQUENCY IN CYCLES PER SECOND



(22)

DECIBELS



SYSTEM DISTORTION (FM)

FREQ. LEFT RIGHT MONO FCC LIMIT

100% Modulation

50	.8%	1%		3.5%
100	.9	1		3.5
400	.9	.9		2.5
1000	.7	.9		2.5
5000	.55	.8		2.5
7500	.6	.9		3.0
10000	.8	1		3.0
15000	1.3	1.7		3.0

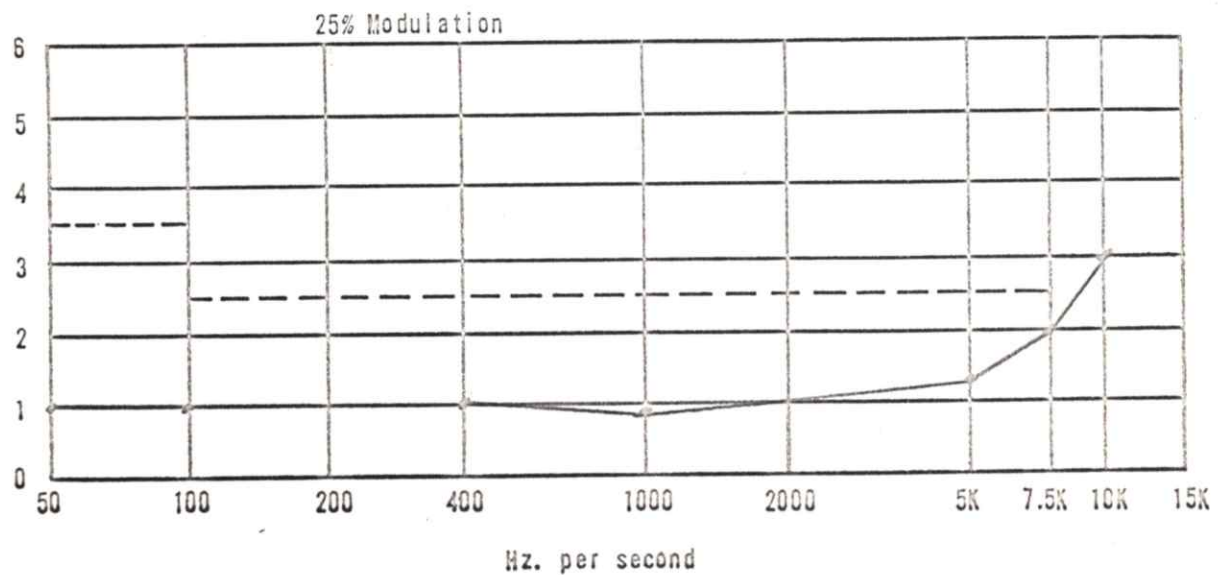
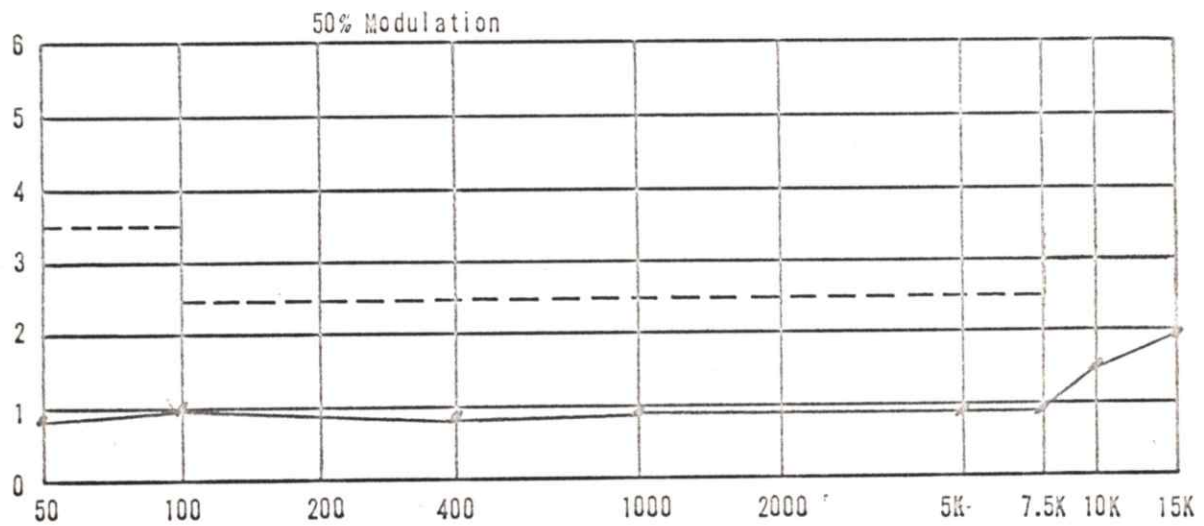
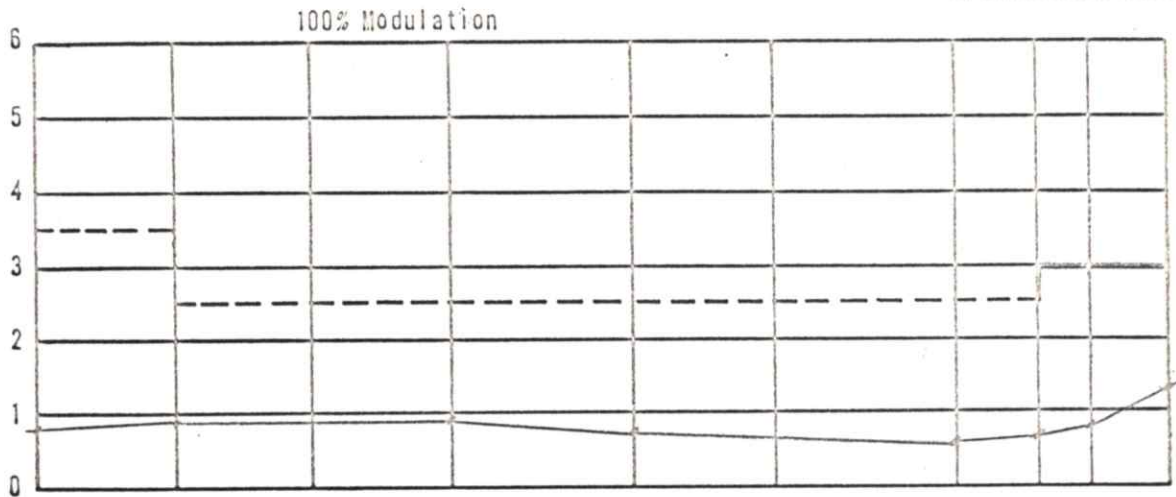
50% Modulation

50	.9%	.9%		3.5
100	1	1		3.5
400	.9	1		2.5
1000	.9	.8		2.5
5000	.9	.9		2.5
7500	.9	1		Is Not Required
10000	1.5	1.4		Is Not Required
15000	1.9	2.2		Is Not Required

25% Modulation

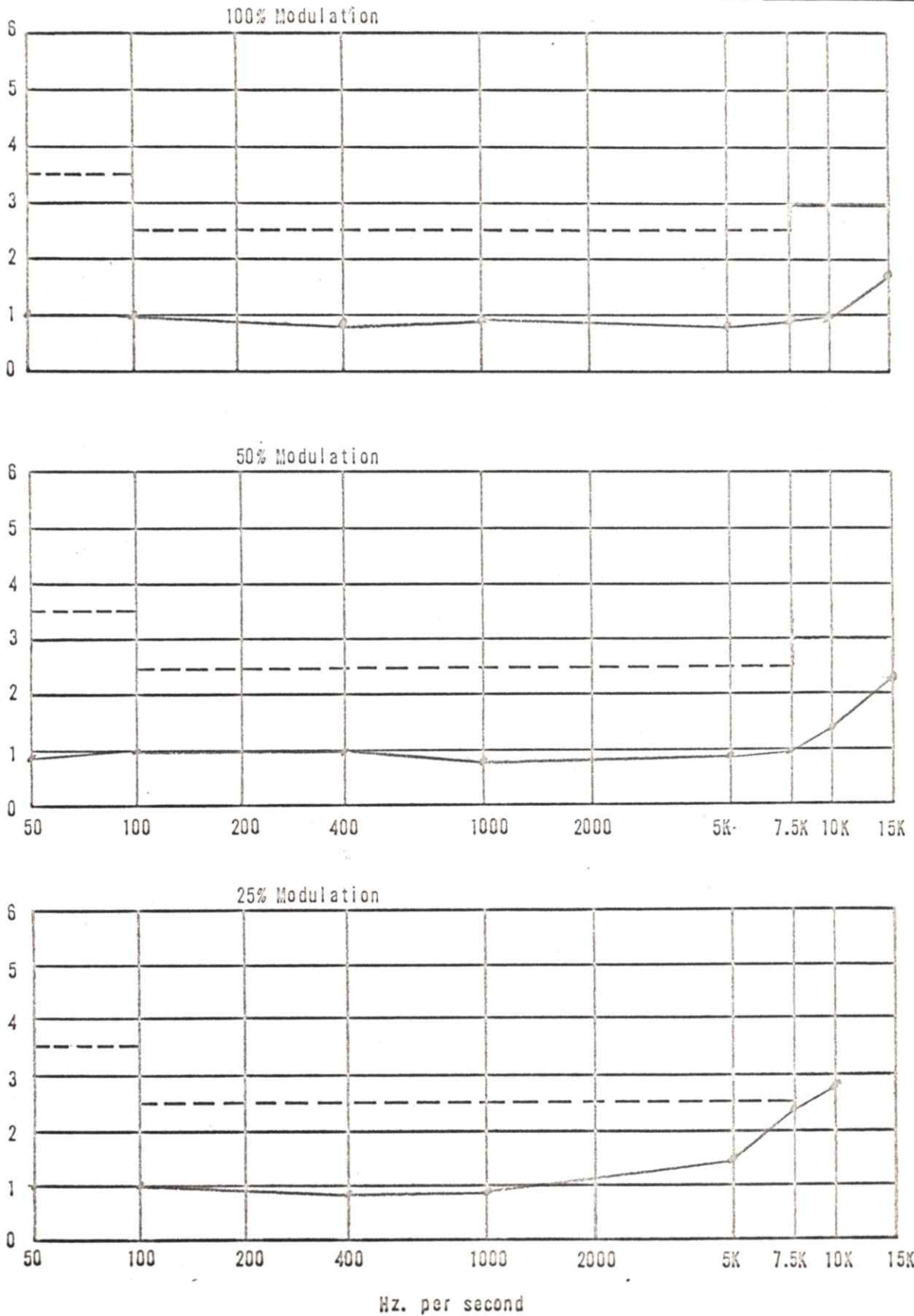
50	1	1		3.5
100	1	1		3.5
400	1	.9		2.5
1000	.9	.9		2.5
5000	1.3	1.5		2.5
7500	2	2.4		Is Not Required
10000	3	2.8		Is Not Required
15000	Unreadable	Unreadable		Is Not Required

DISTORTION IN PERCENT LEFT

Date 1/6/75

Date 1/6/75

DISTORTION IN PERCENT RIGHT



SYSTEM NOISE

MONO IS _____dB below 100% level
LEFT STEREO IS 46 dB below 100% level
RIGHT STEREO IS 46 dB below 100% level
FCC LIMIT IS _____dB 50-15,000 Hz.

AM NOISE

Not Applicable

DIODE VOLTAGE IS _____Vdc

Vdc times 1.414 (equivalent 100% AM Modulation) is _____Vrms

Measured AM rms voltage from diode unit is _____Vrms

If noise is $-20 \log E_1/E_2$

Then the AM Noise is -_____dB

FCC Limit Is -50 dB 50-15000 Hz with 75usec de-emphasis

OTHER DATA:

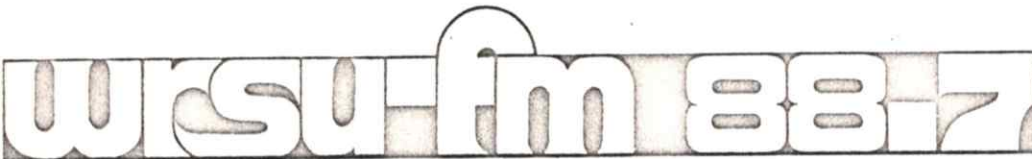
AM Noise as read off our Belar FMS-1 Stereo Monitor is -63 dB

FM Noise as read off our Belar FMS-1 Stereo Monitor is -71 dB

Cross Talk (at 400 Hz)

Main Carrier to Sub Carrier is -40 dB

Sub Carrier to Main Carrier is -36 dB

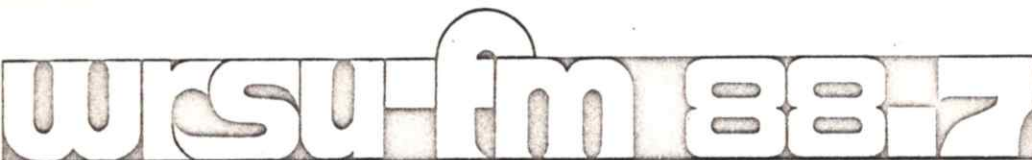


680 AM - CAMPUS
STUDIOS AND OFFICES:
RUTGERS STUDENT CENTER
126 COLLEGE AVENUE, NEW BRUNSWICK, N.J. 08901
PHONE: 201 545-6800

EXHIBIT NO. 1

WRSU is funded at Rutgers through a system known as student fees. These fees are paid on a semester basis, and a Fee Board, composed of various students, is selected to distribute said fees (\$70.00 per student per semester). WRSU-FM also sponsors various fund raising events throughout the school year (such as showing films on campus) to supplement the student fee allocations.

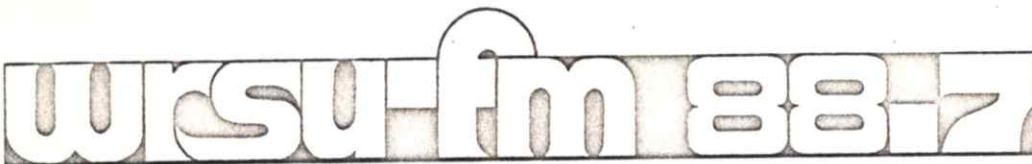
A process similar to the one stated above goes on every year. At the present time, it is in this manner that the station can continue operation. Any changes or alterations in this process, or any additional data concerning finances, will be outlined to the Commission when and if they occur.



680 AM - CAMPUS
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EXHIBIT NO. 3

The only contract of any type at WRSU-FM would be a contract currently pending the signature of a representative of United Press International news service. The contract would be for one year of the date of the signing. We are at this moment waiting for the news service to return the contract.



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EXHIBIT NUMBER 4

Section VI has not been filed because WRSU has no fulltime employees and is run totally by student volunteers. Currently our staff is around one hundred and twenty five students.

Pre-Filing Announcement

On April 22, 1974 WRSU-FM was granted a license by the Federal Communications Commission to serve the public interest as a public trustee until June 1, 1975.

Our license will expire on June 1, 1975. We must file an application for license renewal with the FCC on Feb. 1, 1975. When filed, a copy of this application will be available for public inspection during our regular business hours. It contains information concerning this station's performance during the last nine months and projections of our programming during the next three years.

Individuals who wish to advise the FCC of facts relating to our renewal application and to whether this station has operated in the public interest should file comments and petitions with the Commission by May 1, 1975 by writing the FCC, Washington, D.C. 20554.

Times announcement ran; 12/19/74 - 6:24 P.M.
1/1/75 - 3:03 P.M.
1/16/75 - 5:15 P.M.

These announcements were not run in December as stated in FCC rules due to the fact that we were unaware of the times until we received our license renewal application in the mail on the 18th of December.

The pre-filing announcement was run in the above form as explained in the renewal application instructions. We did not receive the transmittal sheet with the pre-filing announcement until the 16th of January.

Sincerely,



Robert P. Koska
General Manager



680 AM - CAMPUS
STUDIOS AND OFFICES:
RUTGERS STUDENT CENTER
126 COLLEGE AVENUE, NEW BRUNSWICK, N.J. 08901
PHONE: 201 545-6800

Post-Filing Announcement

On April 22, 1974 WRSU-FM was granted a license by the Federal Communications Commission to serve the public interest as a public trustee until June 1, 1975.

Our license will expire on June 1, 1975. We have filed an application for license renewal with the FCC.

A copy of this application is available for public inspection during our regular business hours. It contains information concerning the station's performance during the last nine months and projections of our programming during the next three years.

Individuals who wish to advise the FCC of facts relating to our renewal application and to whether this station has operated in the public interest should file comments and petitions with the Commission by May 1, 1975.

Further information concerning the Commission's broadcast license renewal process is available at 126 College Ave., New Brunswick, New Jersey or may be obtained from the FCC, Washington, D.C. 20554.

Times announcement to be run;	2/1/75 - 8:30 A.M.	2/16/75 - 10:00 A.M.
	3/1/75 - 5:15 P.M.	3/16/75 - 8:30 A.M.
	4/1/75 - 12:20 P.M.	4/16/75 - 9:05 P.M.

Sincerely,

Robert P. Koska

Robert P. Koska
General Manager