

Exhibit 10 - Statement A
SPECIAL OPERATING CONDITIONS
prepared for
WPLJ-FM Radio, Inc.
WPLJ(FM) New York, New York
Facility ID 73887
Ch. 238B 19 kW (DA-MAX) 246 m

WPLJ-FM Radio, Inc. (“*WPLJ*”) has essentially completed construction related to the auxiliary WPLJ(FM) facility, as authorized in its construction permit (“CP,” file number BXPB-20010607AAU). As will be discussed in detail below, the antenna installation has not been surveyed because of circumstances beyond the control of the applicant. However, imminent power outages at the primary WPLJ transmitter site (Empire State Building) for the purpose of upgrading the building’s electrical service necessitate either the use of this auxiliary site or interruption of service before the scheduled date of the survey.

Consequently, upon review of the instant application by Commission staff, *WPLJ* requests limited program test authority pending completion of the survey. The survey along with a request for full Program Test Authority and subsequent issuance of a license to cover the construction will be supplied as an amendment to this filing. This Statement and associated exhibits are provided to comply with the various other conditions on the CP and with §73.316(c)(2) and §73.1675 of the Commission’s Rules.

The manufacturer’s proof-of-performance data and related exhibits as specified in **Condition 1** of the CP are supplied as **Attachment 1**. The measured data demonstrates compliance with **Condition 5**, which specify the maximum and principal minimum effective radiated power (“ERP”) limits. Based on the method specified in §73.316(c)(2)(ix)(A) and azimuths spaced every ten degrees, the calculated RMS of the measured Horizontal component of the pattern is 0.700 and the calculated RMS of the measured Vertical component of the pattern is 0.695. The RMS of the authorized pattern is 0.720, therefore the measured pattern is 97 and 96 percent respectively of the RMS of the authorized pattern. Thus, the Commission’s minimum 85 percent RMS requirement of §73.316(c)(2)(ix)(A) is met.

Condition 2 requests a licensed surveyor’s affidavit which is not included herein. The facilities specified herein are located on a common antenna structure (Alpine Tower) with other

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broadcast and wireless facilities. Due to safety considerations as well as constraints imposed by the tower owner, the scheduling of the surveyor, a tower crew (for any minor adjustments), as well as the shut down of other transmitting facilities on the tower at a mutually agreeable time during daylight hours has proven to be very difficult. The survey has been tentatively scheduled for March 14, 2002, however, *WPLJ* was recently made aware that a power outage on the Empire State Building is scheduled for March 9th, thus creating the need for expediting the instant license application. The surveyor's affidavit will be provided upon completion of the survey.¹

The installation engineer's statement and certification is supplied as **Attachment 2** which satisfies **Condition 3** of the CP.

With respect to **Condition 4** of the CP, *WPLJ* desires operate this auxiliary site *in addition* to it's main site and two other auxiliary sites. By way of explanation, the main *WPLJ* facility and both licensed auxiliary facilities are mounted atop the Empire State Building located in New York City. Due to accommodations made to broadcasters displaced as a result of the events of September 11, 2001, *WPLJ* has lost the use of its main antenna system and is now operating on it's 1st auxiliary antenna (file number BLH-19870729KA). However, this antenna system is leased, not owned, by *WPLJ* and this lease may be terminated upon 2 weeks notice. The 2nd auxiliary antenna (BLH-19851224KA) is a 35 year old antenna and, according to the applicant, it's reliability is questionable for continuous use.

The facilities specified in this CP are the only *WPLJ* auxiliary facilities *not* located on the Empire State Building; its use is necessitated by the major renovations that are planned for this building. However, both of *WPLJ*'s existing auxiliary facilities located on the Empire State Building provide better coverage of New York City than does the instant site; therefore, *WPLJ* requests the continued ability to operate all three auxiliary sites as needed, particularly while the effects of September 11th are resolved.

¹ The station's engineer believes that the antenna is mounted within +/- 10° of the required azimuth based upon his observations.

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Regarding the requirements of §§73.316(c)(iv) - (vi) of the Commission's Rules, a representative of the applicant advised the undersigned that:

1. The antenna is side-mounted on a 4½" pole which is mounted on the top of the antenna structure as recommended by the antenna manufacturer;
2. The top of the antenna tower does include a top-mounted platform larger than the nominal cross-sectional area of the tower in the horizontal plane, however this was taken into account in the measured pattern supplied by the manufacturer; and
3. No antenna of any type is mounted within the horizontal or vertical distance specified by the antenna manufacturer as being necessary for proper directional operation.

The antenna's input power, as specified by the manufacturer (see **Attachment 1**) is 13.2 kW to achieve the authorized ERP of 19.0 kW. The transmission line consists of 16.5 meters of Myat type 301 Rigid coaxial transmission line (3-1/8" nominal diameter) and 137.2 meters of Andrew type HJ8-50B line (coaxial, 3" nominal diameter). In addition there is a band pass filter (specified insertion loss of 0.21 dB) and an RF coaxial switch (specified insertion loss of 0.1 dB). This transmission system including component listed above has an efficiency of 79.62 percent at the WPLJ operating frequency. Considering the transmission line loss, a transmitter power output of 16.6 kW is required to achieve 19.0 kW ERP.

Attachment 1

Directional Antenna - Manufacturer's Report

S.O. 22019

Report of Test 6810-2D-SS-DA

for

WPLJ-FM RADIO, INC.

WPLJ New York, NY

OBJECTIVE:

The objective of this test was to demonstrate the directional characteristics of a 6810-2D-SS-DA to meet the needs of WPLJ and to comply with the requirements of the FCC construction permit, file number BXPB-20010607AAU.

RESULTS:

The measured azimuth pattern for the 6810-2D-SS-DA is shown in Figure 1. Figure 1A shows the Tabulation of the Horizontal Polarization. Figure 1B shows the Tabulation of the Vertical Polarization. The calculated elevation pattern of the antenna is shown in Figure 3. Construction permit file number BXPB-20010607AAU indicates that the Horizontal radiation component shall not exceed 19.0 kW at any azimuth and is restricted to the following values at the azimuths specified:

350 Clockwise to 40 Degrees T: 0.76 kW

From Figure 1, the maximum radiation of the Horizontal component occurs at 134 Degrees T to 181 Degrees T and at 220 Degrees T to 246 Degrees T. At the restricted azimuth of 350 Clockwise to 40 Degrees T the Vertical component is 14.89 dB down from the maximum of 19.0 kW, or 0.62 kW.

The R.M.S. of the Horizontal component is 0.700. The total Horizontal power gain is 1.441. The R.M.S. of the Vertical component is 0.695. The total Vertical power gain is 1.411. See Figure Four for calculations. The R.M.S. of the FCC composite pattern is 0.720. Therefore this Pattern complies with the FCC requirement of 73.316(c)(2)(ix)(A).

METHOD OF DIRECTIONALIZATION:

One bay of the 6810-2D-SS-DA was mounted on a pole of exact scale to a 4 1/2" OD pole. The spacing of the antenna to the pole was varied to achieve the vertical pattern shown in Figure 1. A horizontal parasitic element was placed directly under the bay. The position of this horizontal parasitic element was changed until the horizontal pattern shown in Figure 1 was achieved. See Figure 2 for mechanical details.

METHOD OF MEASUREMENT:

As allowed by the construction permit, file number BXPB-20010607AAU, a single level of the 6810-2D-SS-DA was set up on the Howell Laboratories scale model antenna pattern measuring range. A scale of 4.5:1 was used.

SUPERVISION:

Mr. Surette was graduated from Lowell Technological Institute, Lowell, Massachusetts in 1973 with the degree of Bachelor of Science in Electrical Engineering. He has been directly involved with design and development of broadcast antennas, filter systems and RF transmission components since 1974, as an RF Engineer for six years with the original Shively Labs in Raymond, ME and for a short period of time with Dielectric Communications. He is currently an Associate Member of the AFCCE and a Senior Member of IEEE. He has authored a chapter on filters and combining systems for the latest edition of the CRC Electronics Handbook and for the 9th Edition of the NAB Handbook.

EQUIPMENT:

The scale model pattern range consists of a wooden rotating pedestal equipped with a position indicator. The scale model bay is placed on the top of this pedestal and is used in the transmission mode at approximately 20 feet above ground level. The receiving corner reflector is spaced 50 feet away from the rotating pedestal at the same level above ground as the transmitting model. The transmitting and receiving signals are carried to a control building by means of RG-9/U double shielded coax cable.

The control building is equipped with:

Hewlett Packard Model 8753 Network Analyzer

PC Based Controller

Hewlett Packard 7550A Graphics Plotter

The test equipment is calibrated to ANSI/NCSL Z540-1-1994.

TEST PROCEDURES:

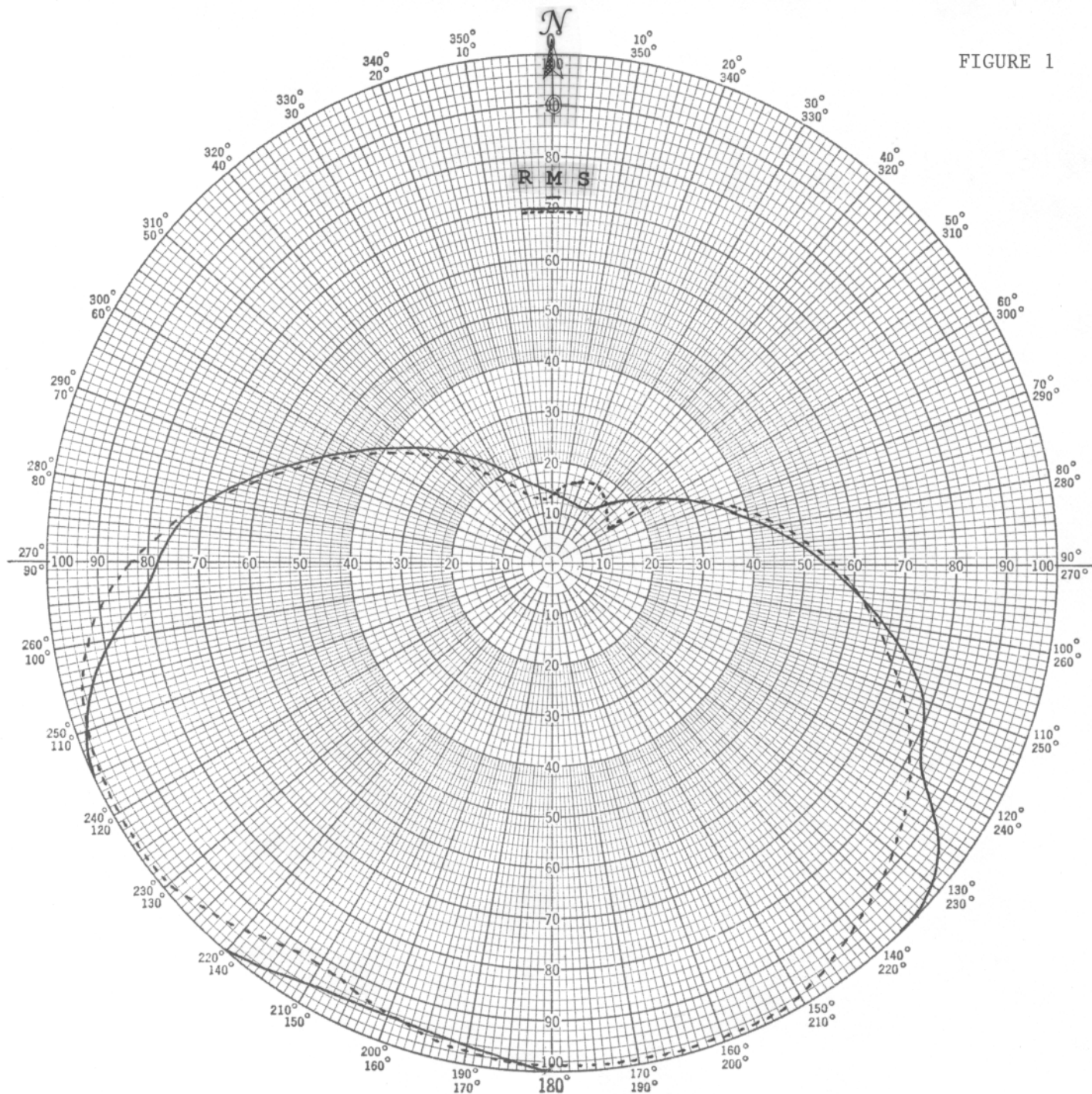
The corner reflector is mounted so that the horizontal and vertical azimuth patterns are measured independently by rotating the corner reflector by 90 degrees. The network analyzer was set to 429.75 MHz. Calibrated pads are used to check the linearity of the measuring system. For example, 6 dB padding yields a scale reading of 50 from an unpadding reading of 100 in voltage. From the recorded patterns, the R.M.S. values are calculated and recorded as shown in Figure 1.

Respectfully submitted by:



Robert A. Surette
Manager of RF Engineering
S/O 22019
November 2, 2001

FIGURE 1



Shively Labs

PROJECT NAME WPLJ NEW YORK, NY
 PROJECT NUMBER 22019 DATE 10/15/01
 MODEL (X) FULL SCALE () FREQUENCY 429.75/95.5 MHz
 POLARIZATION HORIZ (——); VERT (----)
 CURVE PLOTTED IN: VOLTAGE (X) POWER () DB ()
 OBSERVER RAS

ANTENNA TYPE 6810-2D-SS-DA
 PATTERN TYPE DIRECTIONAL AZIMUTH
 REMARKS: SEE FIGURE 2 FOR MECHANICAL
DETAILS

Figure 1A

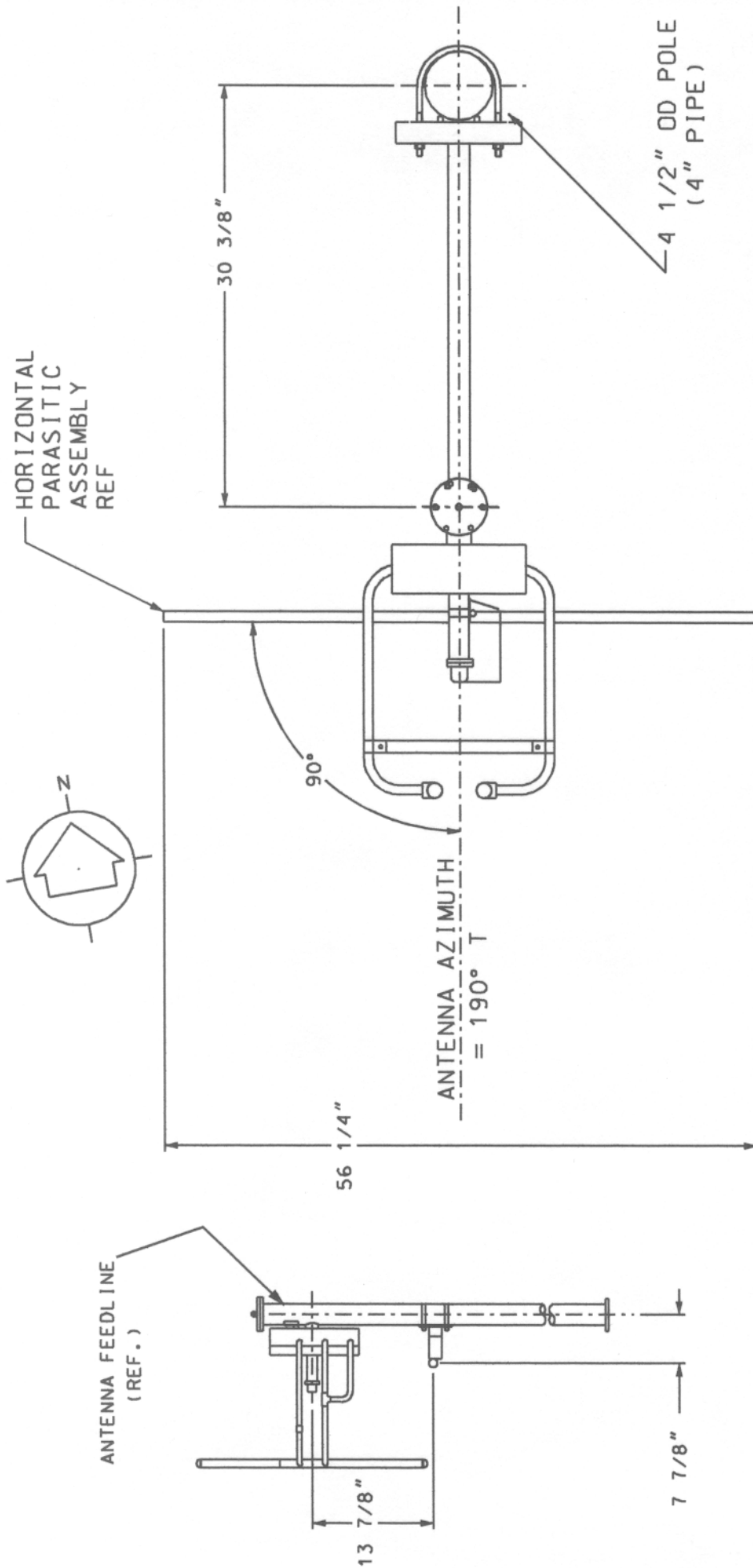
S/O 22019
TABULATION OF HORIZONTAL POLARIZATION
WPLJ NEW YORK, NY

DEGREE	RELATIVE FIELD	DEGREE	RELATIVE FIELD
0	0.140	180	1.000
10	0.130	190	0.965
20	0.125	200	0.950
30	0.125	210	0.960
40	0.140	220	1.000
45	0.170	225	1.000
50	0.190	230	1.000
60	0.255	240	1.000
70	0.340	250	0.980
80	0.435	260	0.890
90	0.540	270	0.780
100	0.670	280	0.690
110	0.780	290	0.560
120	0.850	300	0.445
130	0.980	310	0.355
135	1.000	315	0.310
140	1.000	320	0.285
150	1.000	330	0.220
160	1.000	340	0.180
170	1.000	350	0.155

Figure 1B

S/O 22019
TABULATION OF VERTICAL POLARIZATION
WPLJ NEW YORK, NY

DEGREE	RELATIVE FIELD	DEGREE	RELATIVE FIELD
0	0.130	180	0.990
10	0.160	190	0.980
20	0.170	200	0.945
30	0.180	210	0.920
40	0.165	220	0.945
45	0.150	225	0.965
50	0.145	230	0.990
60	0.230	240	0.990
70	0.350	250	0.980
80	0.450	260	0.935
90	0.560	270	0.835
100	0.655	280	0.690
110	0.740	290	0.540
120	0.820	300	0.430
130	0.880	310	0.330
135	0.905	315	0.290
140	0.930	320	0.250
150	0.980	330	0.180
160	0.990	340	0.150
170	0.990	350	0.130



SIDE VIEW

TOP VIEW

4 1/2" OD POLE (4" PIPE)

SHIVELY LABS

A DIVISION OF HOWELL LABORATORIES INC., BRIDGTON, MAINE, USA

SHOP ORDER:	FREQUENCY:	SCALE:	DRAWN BY:
22019	95.5 MHZ.	N.T.S.	NMS
TITLE:			APPROVED BY:

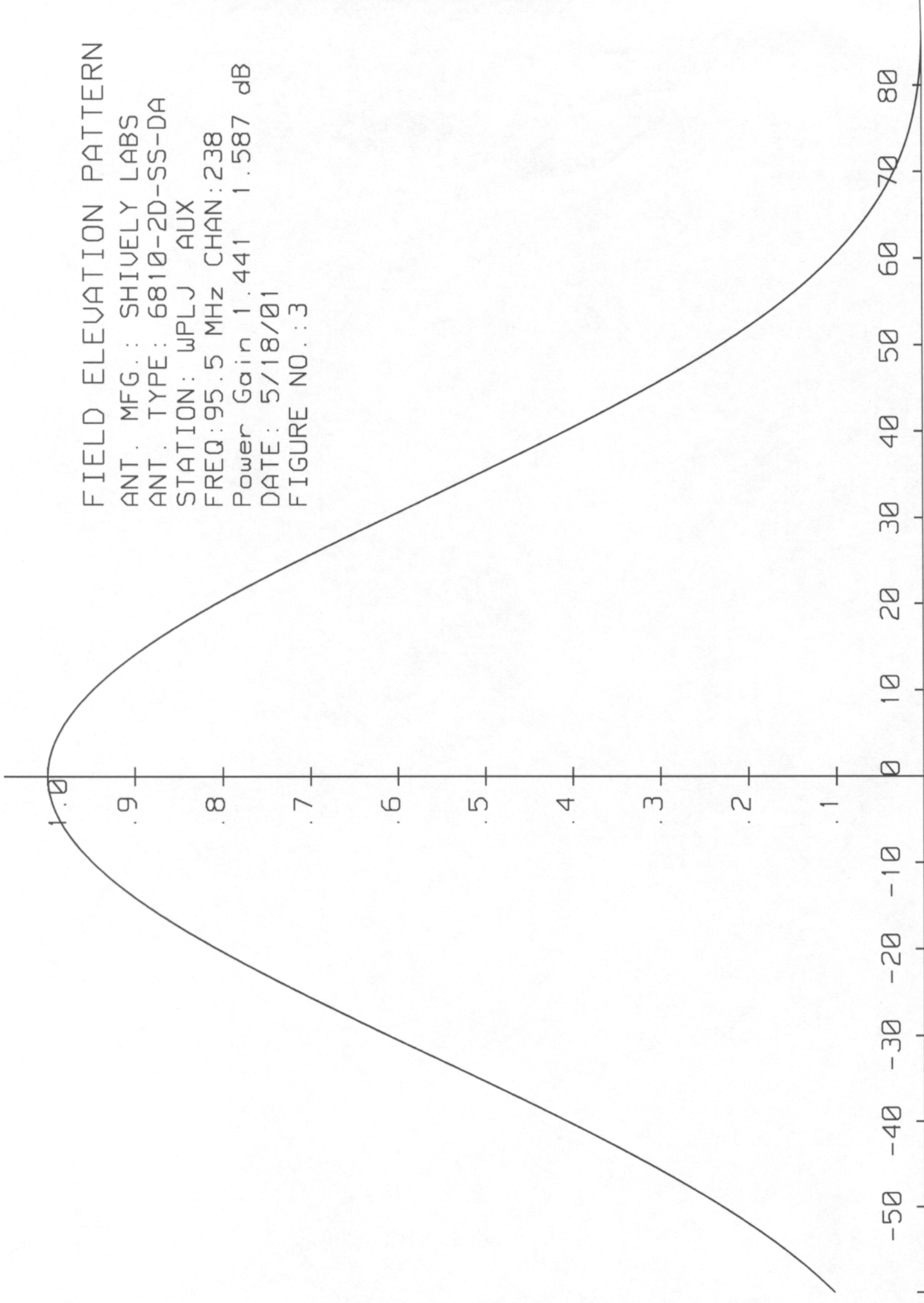
MODEL 6810-2D-SS-DIRECTIONAL ANTENNA

DATE: 9-26-01

FIGURE 2

FIELD ELEVATION PATTERN

ANT. MFG.: SHIVELY LABS
ANT. TYPE: 6810-2D-SS-DA
STATION: WPLJ AUX
FREQ: 95.5 MHz CHAN: 238
Power Gain 1.441 1.587 dB
DATE: 5/18/01
FIGURE NO.: 3



S.O. 22019

VALIDATION OF GAIN CALCULATION

WPLJ NEW YORK, NY

MODEL 6810-2D-SS-DA

Elevation Gain of 6810-2D-SS-DA equals 0.701

The RMS values are calculated utilizing the data of a planimeter.

Horizontal RMS divided by Vertical RMS equals

$$0.700 \div 0.695 = 1.007$$

Elevation Gain of Horizontal Component equals

$$0.701 \times 0.993 = 0.696$$

Elevation Gain of Vertical Component equals

$$0.990 \times 0.993 = 0.983$$

Horizontal Azimuth Gain equals $1/(\text{RMS})^2$

$$1/(0.700)^2 = 2.041$$

Vertical Azimuth Gain equals $1/(\text{RMS} \div \text{Max Vert})^2$

$$1/(0.695 \div 0.990)^2 = 2.030$$

*** Total Horizontal Gain is Elevation Gain times Azimuth Gain**

$$0.706 \times 2.041 = 1.441$$

*** Total Vertical Gain is Elevation Gain times Azimuth Gain**

$$0.696 \times 2.030 = 1.411$$

ERP divided by Horizontal Gain equals Antenna Input Power

$$19.0 \text{ kW} \div 1.441 = 13.185 \text{ kW}$$

Antenna Input Power times Vertical Gain equals Vertical ERP

$$13.185 \times 1.411 = 18.604 \text{ kW}$$

Maximum Value of the Vertical Component squared times the Maximum ERP equals the Vertical ERP

$$(0.990)^2 \times 19.0 \text{ kW} = 18.622 \text{ kW}$$

NOTE: Calculating the ERP of the Vertical Component by two methods validates the total antenna gain calculations

Attachment 2

Engineer's Statement of Installation



ABC Radio New York Station Group

Two Penn Plaza 17th Floor • New York City, New York 10121 • (212) 613-8964

Mark Kordash
Engineering

February 28, 2002

To Whom It May Concern:

This affidavit is to certify that I supervised the assembly and installation of the auxiliary WPLJ Shively model 6810 directional FM antenna. The antenna was assembled and installed pursuant to the manufacturer's instructions.

I have six years experience in the commercial radio broadcast engineering field. Throughout my experience I have have successfully installed and assisted in the installation of several high power FM antenna systems. I am currently employed as an engineer for WPLJ-FM.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Mark Kordash', written in a cursive style.

Mark Kordash