SPECIAL OPERATING CONDITIONS
Yale Broadcasting Co., Inc.
New Haven, CT

As required by Section 73.316 of the FCC Rules and the terms of the WYBC-FM construction permit, a complete proof of performance (pattern modeling) has been conducted on the WYBC-FM directional antenna by the manufacturer. The results of these measurements, including a description of the procedures and equipment which were utilized and the measured antenna patterns in both the horizontal and vertical polarizations are documented in a separate attachment to this aplication.

Table 10.0 presents a tabulation of the measured radiation pattern data, in both the horizontal and vertical polarizations, in relation to the composite envelope pattern authorized by the WYBC-FM construction permit. As shown in this table, the measured radiation in both polarizations is totally encompassed by the authorized composite pattern, as required by Section 73.316(c)(2) of the FCC Rules.

The maximum effective radiated power in the horizontal polarization is 3.0 kilowatts, while that in the vertical polarization is 2.6 kilowatts. The RMS of the horizontally polarized relative field pattern is 0.724, while that of the vertically polarized relative field pattern is 0.719. Thus, the RMS of the vertically polarized pattern is less than that of the horizontally polarized pattern. The composite measured RMS is 0.775, or 86.7% of the RMS of the authorized envelope pattern (0.894).

No other antennas are mounted within or in close proximity to the aperture of this antenna. Furthermore, there is no platform or other similar structure at the top of this tower which could possibly distort the directional pattern of this antenna.

The construction permit also requires that an affidavit from a licensed surveyor be submitted to establish that the antenna has been oriented at the proper azimuth. This certification is contained in Appendix A of this exhibit. Also included in Appendix A is the required engineer's certification verifying that the antenna was installed in compliance with the drawings supplied by the manufacturer.

TABLE 10.0

WYBC-FM MEASURED DIRECTIONAL
PATTERN AND AUTHORIZED PATTERN
Yale Broadcasting Co., Inc.
New Haven, CT

Azimuth (Degrees)	Authorized Pattern (Relative Field)	Measured Pattern Horizontal Polarization (Relative Field)	Measured Pattern Vertical Polarization (Relative Field)
0	1.000	0.800	0.845
10	1.000	0.895	0.890
20	1.000	0.970	0.920
30	1.000	1.000	0.930
40	1.000	0.985	0.910
50	1.000	0.930	0.885
60	1.000	0.830	0.860
70	1.000	0.710	0.855
80	1.000	0.615	0.875
90	1.000	0.605	0.895
100	1.000	0.670	0.900
110	1.000	0.780	0.895
120	1.000	0.855	0.855
130	1.000	0.880	0.795
140	1.000	0.860	0.700
150	1.000	0.790	0.585
160	0.880	0.705	0.455
170	0.700	0.610	0.365
180	0.560	0.535	0.335
190	0.540	0.485	0.345
200	0.540	0.465	0.370
210	0.540	0.445	0.385

TABLE 10.0 (cont'd)

Azimuth (Degrees)	Authorized Pattern (Relative Field)	Measured Pattern Horizontal Polarization (Relative Field)	Measured Pattern Vertical Polarization (Relative Field)
220	0.540	0.405	0.390
230	0.540	0.345	0.390
240	0.540	0.300	0.390
250	0.540	0.340	0.405
260	0.660	0.480	0.430
270	0.830	0.650	0.495
280	1.000	0.790	0.595
290	1.000	0.880	0.710
300	1.000	0.895	0.805
310	1.000	0.850	0.865
320	1.000	0.770	0.875
330	1.000	0.690	0.845
340	1.000	0.665	0.825
350	1.000	0.710	0.820

RMS of authorized envelope pattern = 0.894
RMS of horizontally polarized measured pattern = 0.724
RMS of vertically polarized measured pattern = 0.719
RMS of composite measured pattern = 0.775 (86.7% of authorized envelope pattern)

APPENDIX A

CERTIFICATIONS REGARDING ANTENNA INSTALLATION

Jacobson

Warmus and Associates, Inc.
2324 N. Cleveland-Massillon Road
Bath, OH 44210

Re: Antenna Alignment
WYBC – West Rock Tower
Wintergreen Avenue
Hamden, CT

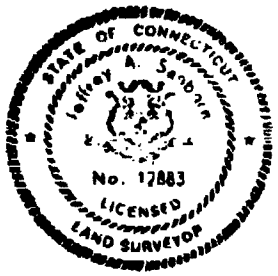
Gentlemen:

This is to certify that the new antenna recently mounted by your firm for WYBC Radio is installed with the antenna boom oriented at 38° True, plus or minus ½ degree, as specified by the antenna manufacturer.

If you have any questions, please contact me.

Very truly yours,
Land Survey & Technical Services, Inc.

Jeffrey A. Sanborn, L.S.



Land Survey & Technical Services, Inc.
86 Main Street P.O. Box 337 Chester, Connecticut 06412-0337
☎ (860) 526-4522 Fax (860) 526-5416
An Affiliate of Nathan L. Jacobson & Associates, Inc.

Engineering Affidavit

I, Clif Mills, being duly sworn, depose and state that I am a Broadcast Radio Engineering Consultant to Radio Station WYBC, licensed to New Haven, CT. I have had over 32 years of Broadcast Radio experience, including the installation of directional FM broadcast antenna systems. I have personally supervised and witnessed the assembly and installation of the Jampro JMCP-1R(DA) WYBC antenna on August 29, 2001. The antenna, including parasitic elements, was installed in compliance with Jampro drawings 10768SID, 10768DIM and 10768TOP.

Clif Mills

Subscribed and sworn to before me on September 13, 2001.

Notary Public

My Commission Expires
June 30, 2002