

Exhibit 2

SATISFACTION OF CONSTRUCTION PERMIT CONDITIONS

The instant application seeks a license to cover the outstanding construction permit (File No. BPH-20061220ABW) to make certain modifications to the facilities of Station WLWY(FM), Elmira, New York. A copy of that permit is included as Attachment A to this Exhibit. The permit imposes four conditions which must be satisfied before program tests will be authorized, *i.e.*, the following items must be submitted to the Commission:

1. A complete antenna proof of performance;
2. A surveyor's affidavit demonstrating proper antenna orientation;
3. An affidavit of a qualified engineer attesting that the antenna was installed pursuant to the manufacturer's instructions; and
4. Partial proofs of performance relative to Stations WELM(AM) and WEHH(AM).

Included as Attachments B, C, D and E hereto are submissions in compliance with each of those conditions.

Attachment A

Construction Permit (File No. BPH-20061220ABW)

United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

PEMBROOK PINES ELMIRA, LTD.
1705 LAKE ROAD
ELMIRA NY 14901

Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

Facility ID: 52122

Grant Date: March 27, 2007

Call Sign: WLVY

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Permit File Number: BPH-20061220ABW

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: PEMBROOK PINES ELMIRA, LTD.

Station Location: NY-ELMIRA

Frequency (MHz): 94.3

Channel: 232

Class: A

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Directional

Antenna Coordinates: North Latitude: 42 deg 07 min 51 sec

West Longitude: 76 deg 47 min 26 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	1.15	1.15
Height of radiation center above ground (Meters):	116	116
Height of radiation center above mean sea level (Meters):	610	610
Height of radiation center above average terrain (Meters):	227	227

Antenna structure registration number: 1226774

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.
- 2 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.
- 3 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.

Special operating conditions or restrictions:

- 4 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

1.15 kilowatts.

Principal minima and their associated field strength limits:

40 degrees True: 0.45 kilowatt

- 5 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****

- 6 If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.

If the antenna is mounted on an existing tower that is base-insulated or detuned at the frequency of AM Station(s) listed below, the applicant shall notify the AM station. If necessary, the AM station may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for readjustment and continued maintenance of any detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both before and after the installation of the antenna and transmission line on the tower, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected. The results of the partial proofs shall be submitted to the Commission with the application for license to cover this permit.

WELM(AM), (Facility Id# 52120), Elmira, NY

WEHH(AM), (Facility Id# 55271), Elmira Hts-Horsehds, NY

- 7 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***

Attachment B

WLKY Antenna Proof of Performance



SYSTEMS WITH RELIABILITY, LLP
BROADCAST ANTENNAS AND TRANSMISSION LINE

PATTERN CERTIFICATION

DIRECTIONAL FM ANTENNA WLKY

November 30, 2009

Station	: WLKY
Location	: ELMIRA, NY
Frequency	: 94.3MHz
Channel	: 232A
Antenna Model	: FM3R/2-DA
Maximum Antenna Gain	
Vertical	: 1.847 / 2.665 dB
Horizontal	: 1.847 / 2.665 dB

ANTENNA DESCRIPTION

A custom designed **FM3R/2 DA** antenna was used to produce the required directional azimuth pattern. Each antenna bay consists of a circularly polarized dipole-radiating element enclosed in a radome. The array is comprised of two bays, that are spaced a full wavelength apart, mounted to the tower face pointing **200° 51'** true north.

DESCRIPTION OF TEST PROCEDURE

The standard circular-polarized FM test antenna consisted of an exact replicated third-scale model antenna and feed system. An exact replicated third-scale 14-inch model tower with conduit and climbing face included was manufactured and the test antenna was attached with the use of mounting brackets supplied with the finalized antenna. The tower and antenna were placed 20 ft. high on a rotational platform. All feed cables were properly grounded during the pattern testing. The position of the test antenna relative to the model tower was adjusted repeatedly until the pattern requirements were made of the submitted directional azimuth pattern. Horizontal and Vertical parasitics were tried during the measurement process and proved detrimental to the pattern and were not used in the final measurements.

The source antenna, a vertical/horizontal dipole Cavity Back Resonator antenna configuration was mounted approximately 100 feet from the test antenna. The source's height was adjusted to provide a uniform field at the test antenna location. The CBR antenna was operated in the transmit mode at a frequency of 282.9 MHz. The antenna under test was rotated in a clockwise direction. A gain reference was taken using a dipole tuned to 282.9 MHz. Nowhere, does the received signal exceed a maximum to minimum ratio of 15 dB.

619 Industrial Park Road, Ebensburg, PA 15931 ♦ Tel. 800 762 7743 / 814 472 5436 ♦ Fax 814 472 5552 ♦ davide@swr-rf.com

TEST RESULTS

The attached calculations verify that the **RMS** value of this antenna is **85.70 %** of the **RMS** value of the pattern authorized in the related construction permit **BPH-20061220ABW**. The vertical component **RMS** value is **0.804**. The horizontal component **RMS** value is **0.627**. The circular polarized component **RMS** value is **0.814**.

Azimuth and elevation plots and associated tabulations of this antenna are included with this package.

Measured vertical polarized directivity:	1.549 / 1.900 dB
Measured horizontal polarized directivity:	2.547 / 4.061dB
Measured circular polarized pattern directivity:	1.508 / 1.780 dB

Gain in each polarization was calculated using the following relation:

GAIN = Azimuth Directivity x Elevation Directivity x Power Ratio Between Polarizations

Using this relationship along with ratio measured at our testing facilities:

V-Pol. Gain =	(1.549)(.622)(1.918)	= 1.847 / 2.665 dB
H-Pol. Gain =	(2.547)(.378)(1.918)	= 1.847 / 2.665 dB

INSTALLATION AND MOUNTING

The antenna is to be mounted in accordance with the supplied drawings. The antenna center of radiation is to be **116 meters** (379.66 ft.) above ground level. The antenna aperture is **10.43 feet**. No other antennas are to be mounted within **10 feet** of the antenna. No other obstructions other than those specified by original drawings supplied are to be mounted at the same level as the antenna. The antenna is to be oriented **200° 51'** true north.

The parasitic system is custom designed to shape and direct the antenna pattern as required. The systems orientation and the mounting details are described in the following drawings:

DRAWING NO.	TITLE
1372D00	ELEVATION
1372D01	ANTENNA ORENTATION WITH ANTI ROTATION ARM
2105A10	TEST RANGE SCHEMATIC

The array shall be mounted according to **DWG. 1372D00**. The antenna elements shall be aligned at the same heading as in **DWG. 1372D01**. This will ensure that the antenna is oriented properly at **200° 51'** true north.

DOCUMENT EXHIBITS

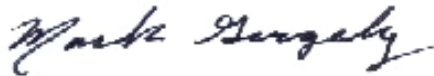
The following exhibits are included as part of this Certificate of Compliance:

Exhibit 1	Circular Polarized Azimuth Pattern Field Strength Tabulations (Composite)
Exhibit 2	Measured Horizontal Polarized Azimuth Pattern Measured Field Strength Tabulations (Horizontal)
Exhibit 3	Measured Vertical Polarized Azimuth Pattern Measured Field Strength Tabulations (Vertical)
Exhibit 4	Elevation Pattern Elevation Tabulations
Exhibit 5	Antenna Data Sheet
Exhibit 6	RMS Calculations
Exhibit 7	Drawings

TEST EQUIPMENT

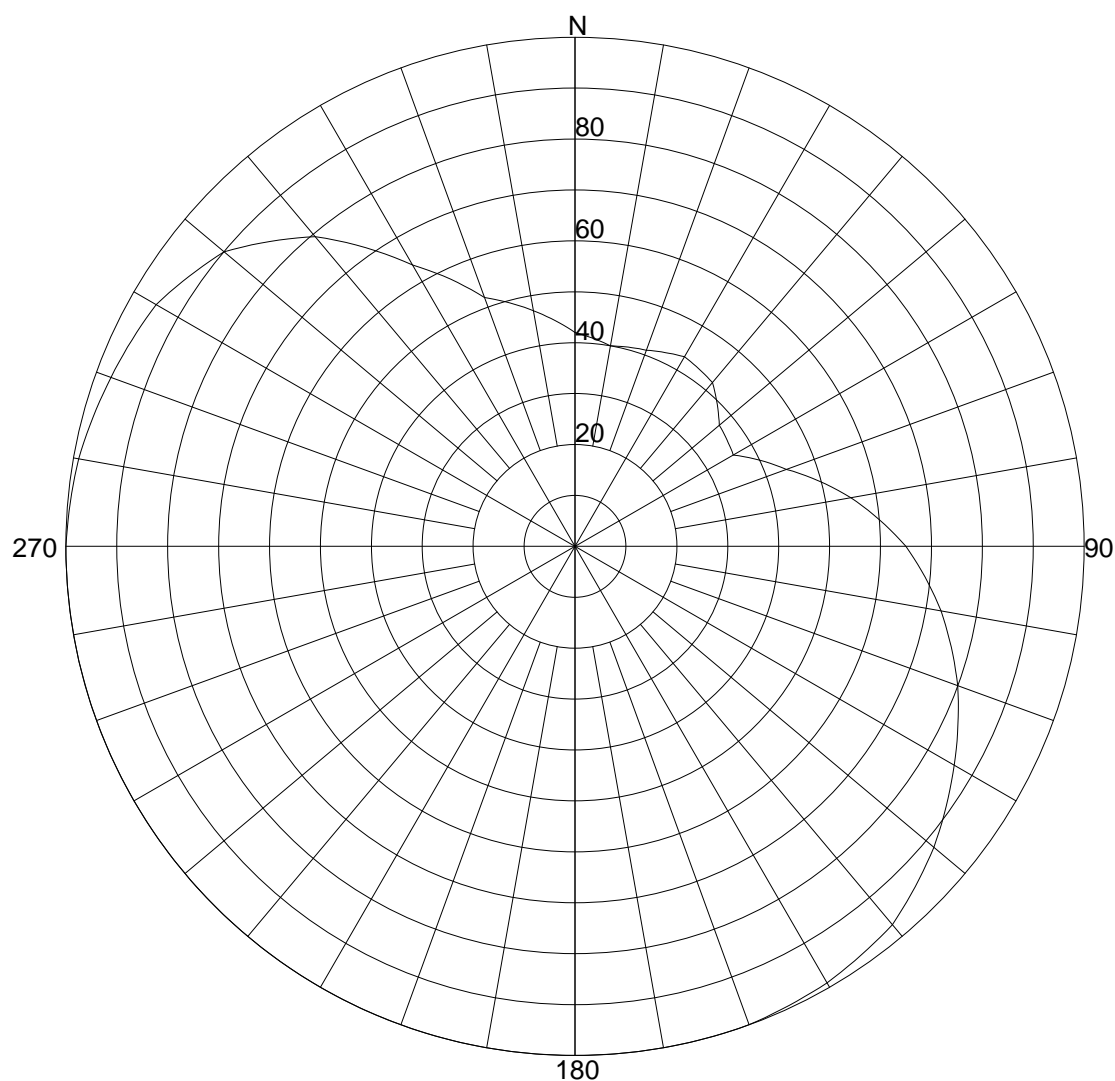
Network Analyzer	:	Hewlett Packard Model # 8753C Serial Number: 08753 – 69138 Calibrated 4/27/09, SWR, Inc.
Computer	:	Pentium 3, 450 MHz, Range Program
Printer	:	Hewlett-Packard Laser Jet 6L
Positioner	:	Orbit Positioner Calibrated 1/12/09, SWR, Inc.

Prepared by:



Mark A. Gergely
Electrical Engineer
Systems With Reliability LLP

Exhibit 1: Circular Polarized Azimuth Pattern (COMPOSITE)



Azimuth Pattern

Systems With Reliability

Scale: Linear

Unit: Relative Field

CLIENT: *WL VY*

Date: 11/30/2009

ANTENNA TYPE: FM3R/2 DA (COMPOSITE)

FREQUENCY: 94.3 MHz

PATTERN POL.: Circular

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.50781 / 1.78dB

PATTERN RMS: 0.814

Relative Field Tabulation(Azimuth)

Azimuth Heading	Relative Field(dB)	Azimuth Heading	Relative Field(dB)
0	.4200 (-7.51)	180	1.0000 (0.01)
5	.4100 (-7.72)	185	1.0000 (0.01)
10	.4000 (-7.94)	190	1.0000 (0.01)
15	.4050 (-7.83)	195	1.0000 (0.01)
20	.4100 (-7.72)	200	1.0000 (0.01)
25	.4200 (-7.51)	205	1.0000 (0.01)
30	.4300 (-7.31)	210	1.0000 (0.01)
35	.4250 (-7.41)	215	1.0000 (0.01)
40	.4200 (-7.51)	220	1.0000 (0.01)
45	.3950 (-8.05)	225	1.0000 (0.01)
50	.3700 (-8.61)	230	1.0000 (0.01)
55	.3645 (-8.74)	235	1.0000 (0.01)
60	.3590 (-8.87)	240	1.0000 (0.01)
65	.4005 (-7.93)	245	1.0000 (0.01)
70	.4420 (-7.07)	250	1.0000 (0.01)
75	.4960 (-6.07)	255	1.0000 (0.01)
80	.5500 (-5.18)	260	1.0000 (0.01)
85	.6000 (-4.42)	265	1.0000 (0.01)
90	.6500 (-3.73)	270	1.0000 (0.01)
95	.6900 (-3.21)	275	.9950 (-0.03)
100	.7300 (-2.72)	280	.9900 (-0.08)
105	.7650 (-2.32)	285	.9800 (-0.17)
110	.8000 (-1.93)	290	.9700 (-0.26)
115	.8300 (-1.61)	295	.9600 (-0.35)
120	.8600 (-1.3)	300	.9500 (-0.44)
125	.8900 (-1)	305	.9250 (-0.67)
130	.9200 (-0.71)	310	.9000 (-0.91)
135	.9450 (-0.48)	315	.8470 (-1.43)
140	.9700 (-0.26)	320	.7940 (-1.99)
145	.9800 (-0.17)	325	.7160 (-2.89)
150	.9900 (-0.08)	330	.6380 (-3.89)
155	.9950 (-0.03)	335	.5790 (-4.73)
160	1.0000 (0.01)	340	.5200 (-5.66)
165	1.0000 (0.01)	345	.4950 (-6.09)
170	1.0000 (0.01)	350	.4700 (-6.54)
175	1.0000 (0.01)	355	.4450 (-7.01)

Systems With Reliability

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2 DA (COMPOSITE)

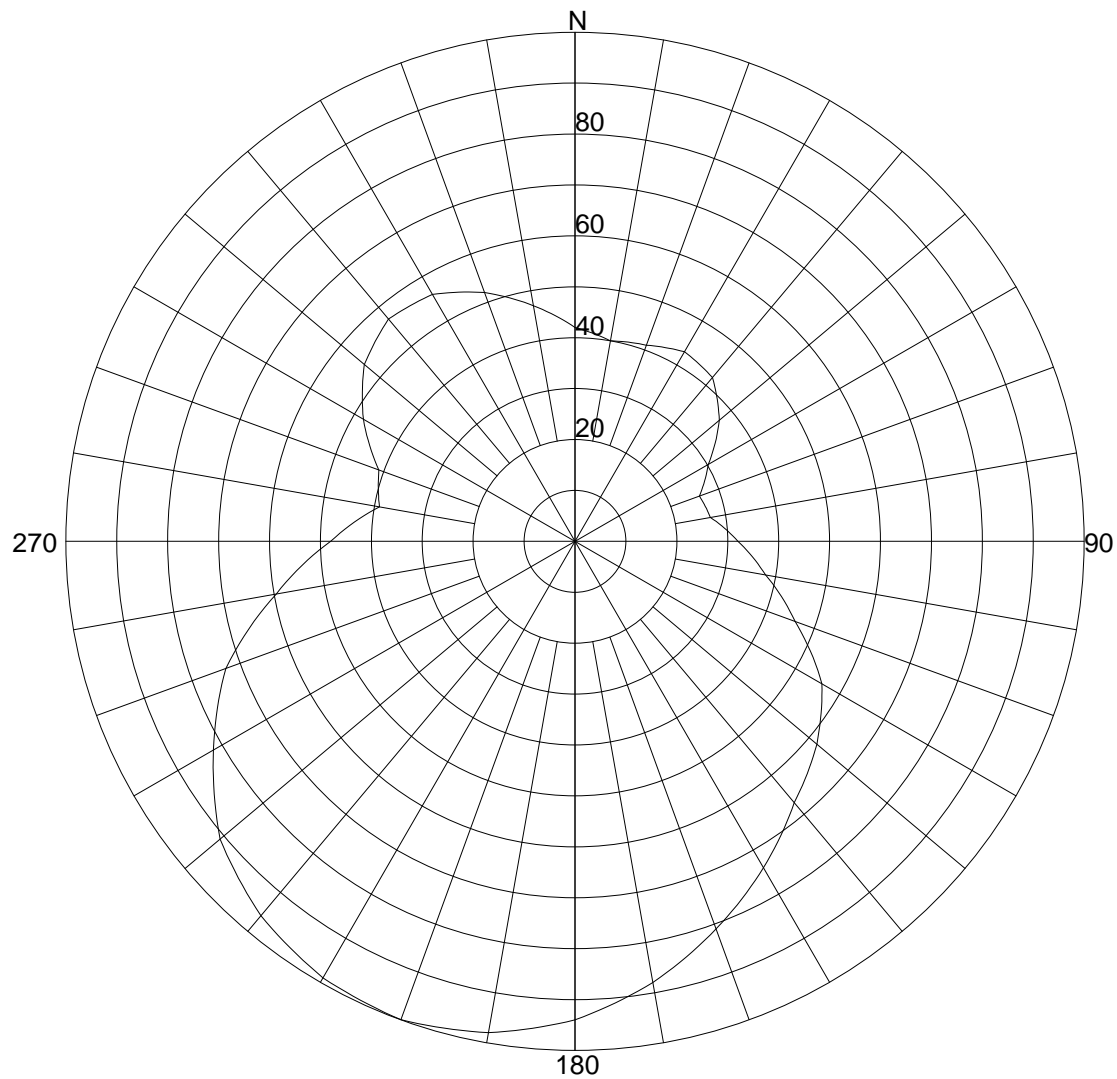
FREQUENCY: 94.3 MHz

PATTERN POL.: Circular

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.50781 / 1.78dB

PATTERN RMS: 0.814



Azimuth Pattern

Systems With Reliability

Scale: Linear

Unit: Relative Field

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA (H-POL)

FREQUENCY: 94.3 MHz

PATTERN POL.: Horizontal

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 2.54735 / 4.061dB

PATTERN RMS: 0.627

Relative Field Tabulation(Azimuth)

Azimuth Heading	Relative Field(dB)	Azimuth Heading	Relative Field(dB)
0	.4200 (-7.51)	180	.9400 (-0.53)
5	.4100 (-7.72)	185	.9600 (-0.35)
10	.4000 (-7.94)	190	.9800 (-0.17)
15	.4050 (-7.83)	195	.9900 (-0.08)
20	.4100 (-7.72)	200	1.0000 (0.01)
25	.4200 (-7.51)	205	.9950 (-0.03)
30	.4300 (-7.31)	210	.9900 (-0.08)
35	.4250 (-7.41)	215	.9750 (-0.21)
40	.4200 (-7.51)	220	.9600 (-0.35)
45	.3950 (-8.05)	225	.9350 (-0.57)
50	.3700 (-8.61)	230	.9100 (-0.81)
55	.3360 (-9.45)	235	.8650 (-1.25)
60	.3020 (-10.37)	240	.8200 (-1.71)
65	.2810 (-11)	245	.7750 (-2.2)
70	.2600 (-11.67)	250	.7300 (-2.72)
75	.2650 (-11.5)	255	.6630 (-3.56)
80	.2700 (-11.34)	260	.5960 (-4.48)
85	.2950 (-10.57)	265	.5380 (-5.37)
90	.3200 (-9.87)	270	.4800 (-6.36)
95	.3500 (-9.09)	275	.4350 (-7.21)
100	.3800 (-8.38)	280	.3900 (-8.16)
105	.4200 (-7.51)	285	.4000 (-7.94)
110	.4600 (-6.73)	290	.4100 (-7.72)
115	.5100 (-5.83)	295	.4450 (-7.01)
120	.5600 (-5.02)	300	.4800 (-6.36)
125	.5900 (-4.57)	305	.5100 (-5.83)
130	.6200 (-4.14)	310	.5400 (-5.34)
135	.6450 (-3.8)	315	.5550 (-5.1)
140	.6700 (-3.47)	320	.5700 (-4.87)
145	.7050 (-3.02)	325	.5650 (-4.94)
150	.7400 (-2.6)	330	.5600 (-5.02)
155	.7750 (-2.2)	335	.5400 (-5.34)
160	.8100 (-1.82)	340	.5200 (-5.66)
165	.8450 (-1.45)	345	.4950 (-6.09)
170	.8800 (-1.1)	350	.4700 (-6.54)
175	.9100 (-0.81)	355	.4450 (-7.01)

Systems With Reliability

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA (H-POL)

FREQUENCY: 94.3 MHz

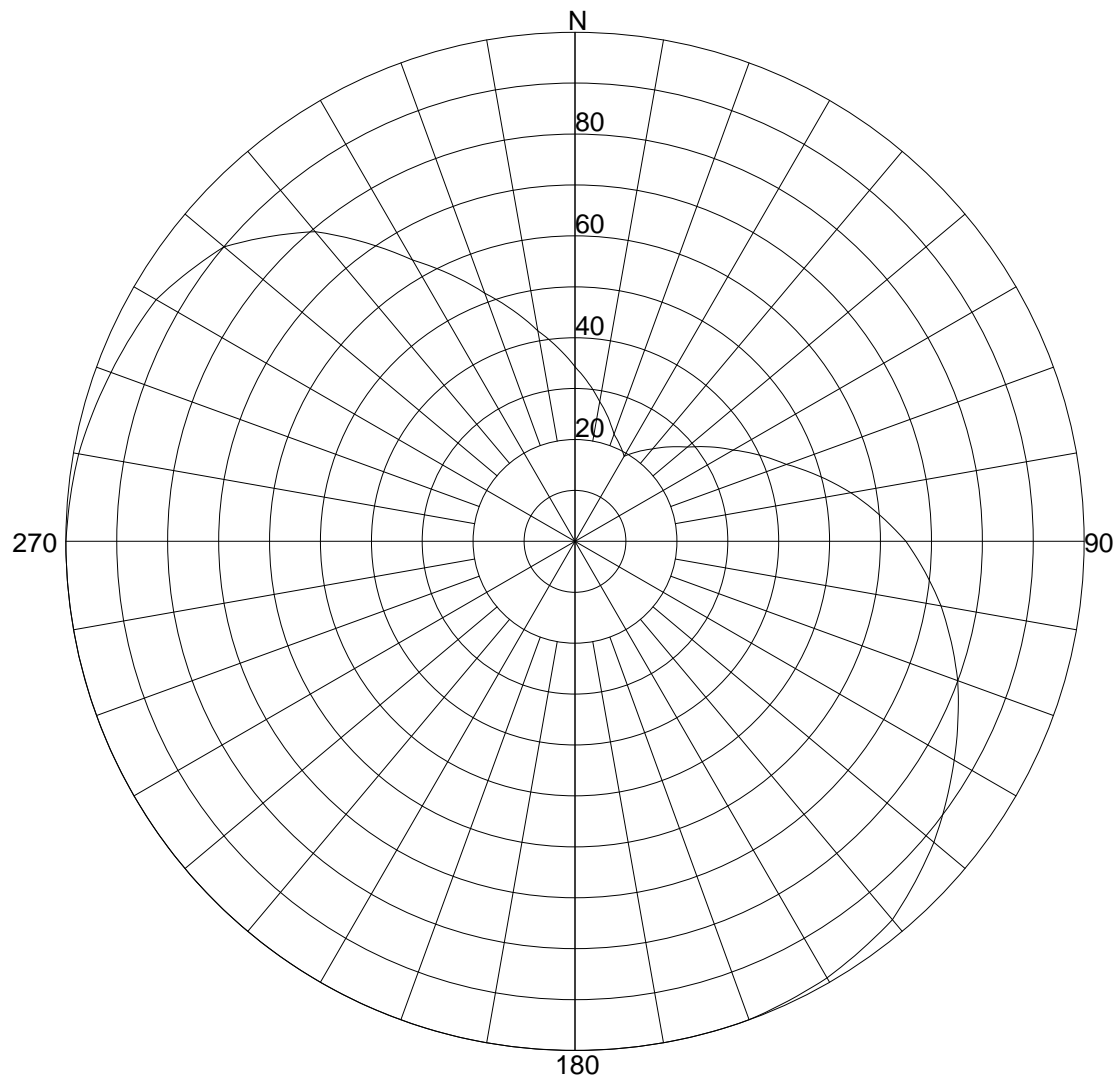
PATTERN POL.: Horizontal

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 2.54735 / 4.061dB

PATTERN RMS: 0.627

Exhibit 3: Measured Vertical Polarized Azimuth Pattern (V-Pol)



Azimuth Pattern

Systems With Reliability

Scale: Linear

Unit: Relative Field

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA (V-Pol)

FREQUENCY: 94.3 MHz

PATTERN POL.: Vertical

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.54869 / 1.9dB

PATTERN RMS: 0.804

Relative Field Tabulation(Azimuth)

Azimuth Heading	Relative Field(dB)	Azimuth Heading	Relative Field(dB)
0	.3430 (-9.27)	180	1.0000 (0.01)
5	.3110 (-10.12)	185	1.0000 (0.01)
10	.2790 (-11.06)	190	1.0000 (0.01)
15	.2515 (-11.95)	195	1.0000 (0.01)
20	.2240 (-12.96)	200	1.0000 (0.01)
25	.2085 (-13.58)	205	1.0000 (0.01)
30	.1930 (-14.24)	210	1.0000 (0.01)
35	.2150 (-13.31)	215	1.0000 (0.01)
40	.2370 (-12.47)	220	1.0000 (0.01)
45	.2625 (-11.58)	225	1.0000 (0.01)
50	.2880 (-10.78)	230	1.0000 (0.01)
55	.3235 (-9.78)	235	1.0000 (0.01)
60	.3590 (-8.87)	240	1.0000 (0.01)
65	.4005 (-7.93)	245	1.0000 (0.01)
70	.4420 (-7.07)	250	1.0000 (0.01)
75	.4960 (-6.07)	255	1.0000 (0.01)
80	.5500 (-5.18)	260	1.0000 (0.01)
85	.6000 (-4.42)	265	1.0000 (0.01)
90	.6500 (-3.73)	270	1.0000 (0.01)
95	.6900 (-3.21)	275	.9950 (-0.03)
100	.7300 (-2.72)	280	.9900 (-0.08)
105	.7650 (-2.32)	285	.9800 (-0.17)
110	.8000 (-1.93)	290	.9700 (-0.26)
115	.8300 (-1.61)	295	.9600 (-0.35)
120	.8600 (-1.3)	300	.9500 (-0.44)
125	.8900 (-1)	305	.9250 (-0.67)
130	.9200 (-0.71)	310	.9000 (-0.91)
135	.9450 (-0.48)	315	.8470 (-1.43)
140	.9700 (-0.26)	320	.7940 (-1.99)
145	.9800 (-0.17)	325	.7160 (-2.89)
150	.9900 (-0.08)	330	.6380 (-3.89)
155	.9950 (-0.03)	335	.5785 (-4.74)
160	1.0000 (0.01)	340	.5190 (-5.68)
165	1.0000 (0.01)	345	.4695 (-6.55)
170	1.0000 (0.01)	350	.4200 (-7.51)
175	1.0000 (0.01)	355	.3815 (-8.35)

Systems With Reliability

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA (V-Pol)

FREQUENCY: 94.3 MHz

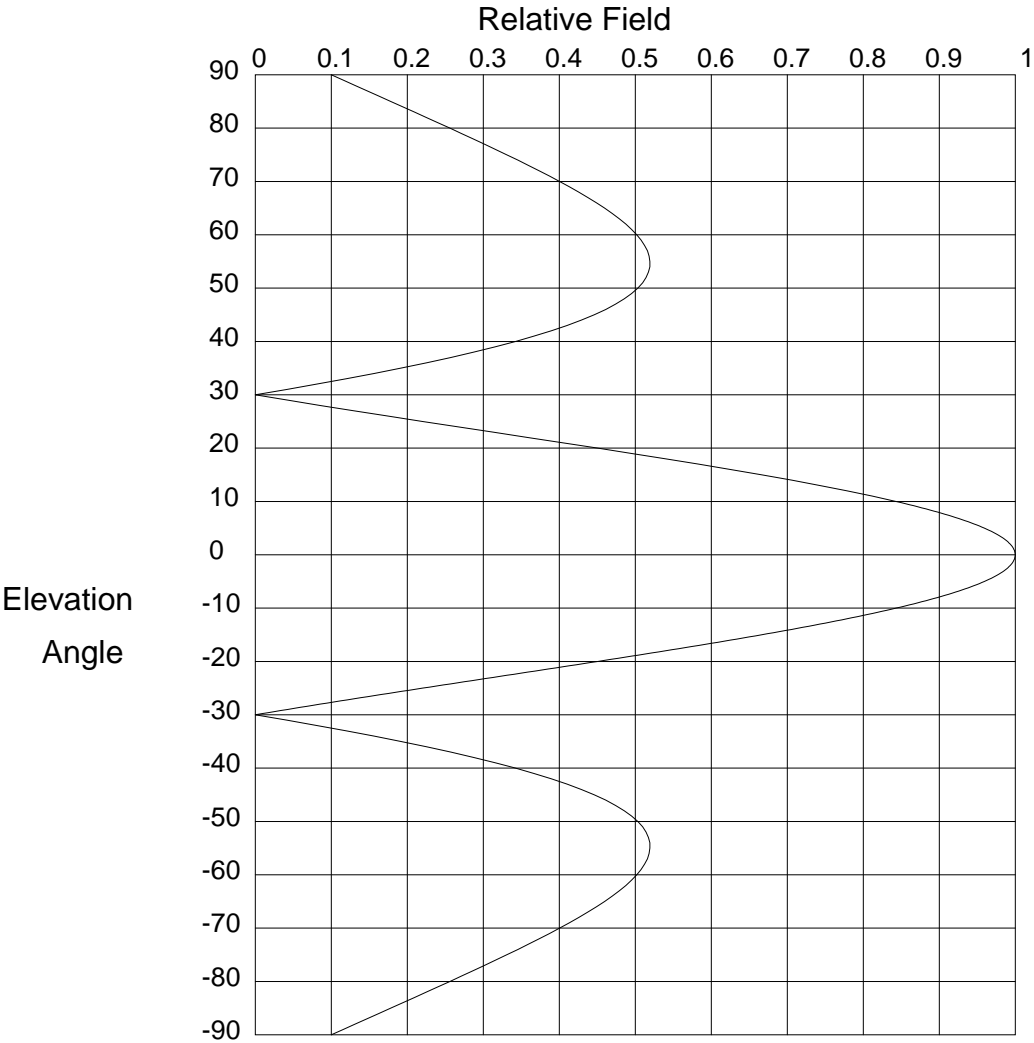
PATTERN POL.: Vertical

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 1.54869 / 1.9dB

PATTERN RMS: 0.804

Exhibit 4: Elevation Pattern



Elevation Pattern

Systems With Reliability

Scale: Linear
Units: Field, Relative

CLIENT: <i>WL VY</i>		Date: 11/30/2009
ANTENNA TYPE: FM3R/2-DA		
FREQUENCY: 94.3 MHz		
PATTERN POL.: Circular		
DIRECTIVITY(Peak): 1.918/2.828 dBd	Beam Tilt (Deg.) :	0
DIRECTIVITY(Horiz): 1.918/2.828 dBd	Null Fill(s)(%) :	0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
90.0	.10 (-20)	52.0	.514 (-5.775)	14.0	.705 (-3.031)
89.0	.116 (-18.733)	51.0	.51 (-5.855)	13.0	.743 (-2.581)
88.0	.131 (-17.627)	50.0	.503 (-5.963)	12.0	.779 (-2.174)
87.0	.147 (-16.648)	49.0	.495 (-6.101)	11.0	.812 (-1.809)
86.0	.163 (-15.768)	48.0	.486 (-6.272)	10.0	.843 (-1.482)
85.0	.178 (-14.971)	47.0	.474 (-6.479)	9.8	.849 (-1.421)
84.0	.194 (-14.242)	46.0	.461 (-6.724)	9.6	.855 (-1.361)
83.0	.21 (-13.571)	45.0	.446 (-7.013)	9.4	.861 (-1.303)
82.0	.225 (-12.951)	44.0	.429 (-7.349)	9.2	.866 (-1.246)
81.0	.241 (-12.374)	43.0	.41 (-7.738)	9.0	.872 (-1.191)
80.0	.256 (-11.836)	42.0	.39 (-8.189)	8.8	.877 (-1.137)
79.0	.271 (-11.332)	41.0	.367 (-8.709)	8.6	.883 (-1.084)
78.0	.286 (-10.859)	40.0	.342 (-9.31)	8.4	.888 (-1.033)
77.0	.301 (-10.415)	39.0	.316 (-10.008)	8.2	.893 (-0.983)
76.0	.316 (-9.997)	38.0	.288 (-10.824)	8.0	.898 (-0.935)
75.0	.331 (-9.603)	37.0	.257 (-11.786)	7.8	.903 (-0.887)
74.0	.345 (-9.231)	36.0	.225 (-12.937)	7.6	.908 (-0.841)
73.0	.36 (-8.881)	35.0	.192 (-14.343)	7.4	.912 (-0.797)
72.0	.374 (-8.551)	34.0	.156 (-16.113)	7.2	.917 (-0.753)
71.0	.387 (-8.24)	33.0	.119 (-18.454)	7.0	.921 (-0.711)
70.0	.401 (-7.948)	32.0	.081 (-21.828)	6.8	.926 (-0.67)
69.0	.413 (-7.673)	31.0	.041 (-27.712)	6.6	.93 (-0.631)
68.0	.426 (-7.417)	30.0	.00 (-50)	6.4	.934 (-0.593)
67.0	.438 (-7.178)	29.0	.042 (-27.469)	6.2	.938 (-0.556)
66.0	.449 (-6.956)	28.0	.086 (-21.343)	6.0	.942 (-0.52)
65.0	.46 (-6.751)	27.0	.13 (-17.727)	5.8	.946 (-0.485)
64.0	.47 (-6.563)	26.0	.175 (-15.145)	5.6	.949 (-0.452)
63.0	.479 (-6.392)	25.0	.22 (-13.135)	5.4	.953 (-0.42)
62.0	.488 (-6.239)	24.0	.266 (-11.491)	5.2	.956 (-0.389)
61.0	.495 (-6.103)	23.0	.312 (-10.103)	5.0	.959 (-0.36)
60.0	.502 (-5.986)	22.0	.359 (-8.906)	4.8	.963 (-0.331)
59.0	.508 (-5.887)	21.0	.405 (-7.858)	4.6	.966 (-0.304)
58.0	.512 (-5.807)	20.0	.45 (-6.929)	4.4	.969 (-0.278)
57.0	.516 (-5.747)	19.0	.495 (-6.1)	4.2	.971 (-0.253)
56.0	.518 (-5.708)	18.0	.54 (-5.356)	4.0	.974 (-0.229)
55.0	.519 (-5.69)	17.0	.583 (-4.685)	3.8	.976 (-0.207)
54.0	.519 (-5.694)	16.0	.625 (-4.078)	3.6	.979 (-0.186)
53.0	.517 (-5.722)	15.0	.666 (-3.528)	3.4	.981 (-0.165)

Systems With Reliability

Page 1 of 3

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA

FREQUENCY: 94.3 MHz

PATTERN POL.: Circular

DIRECTIVITY(Peak): 1.918/2.828 dBd

Beam Tilt (Deg.) : 0

DIRECTIVITY(Horiz): 1.918/2.828 dBd

Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
3.2	.983 (-0.146)	-4.4	.969 (-0.278)	-12.0	.779 (-2.174)
3.0	.985 (-0.129)	-4.6	.966 (-0.304)	-12.2	.772 (-2.252)
2.8	.987 (-0.112)	-4.8	.963 (-0.331)	-12.4	.765 (-2.332)
2.6	.989 (-0.097)	-5.0	.959 (-0.36)	-12.6	.757 (-2.413)
2.4	.991 (-0.082)	-5.2	.956 (-0.389)	-12.8	.75 (-2.496)
2.2	.992 (-0.069)	-5.4	.953 (-0.42)	-13.0	.743 (-2.581)
2.0	.993 (-0.057)	-5.6	.949 (-0.452)	-13.2	.736 (-2.667)
1.8	.995 (-0.046)	-5.8	.946 (-0.485)	-13.4	.728 (-2.755)
1.6	.996 (-0.037)	-6.0	.942 (-0.52)	-13.6	.721 (-2.845)
1.4	.997 (-0.028)	-6.2	.938 (-0.556)	-13.8	.713 (-2.937)
1.2	.998 (-0.021)	-6.4	.934 (-0.593)	-14.0	.705 (-3.031)
1.0	.998 (-0.014)	-6.6	.93 (-0.631)	-14.2	.698 (-3.126)
.8	.999 (-0.009)	-6.8	.926 (-0.67)	-14.4	.69 (-3.224)
.6	.999 (-0.005)	-7.0	.921 (-0.711)	-14.6	.682 (-3.323)
.4	1.00 (-0.002)	-7.2	.917 (-0.753)	-14.8	.674 (-3.425)
.2	1.00 (-0.001)	-7.4	.912 (-0.797)	-15.0	.666 (-3.528)
.0	1.00 (0)	-7.6	.908 (-0.841)	-15.2	.658 (-3.634)
-.2	1.00 (-0.001)	-7.8	.903 (-0.887)	-15.4	.65 (-3.742)
-.4	1.00 (-0.002)	-8.0	.898 (-0.935)	-15.6	.642 (-3.851)
-.6	.999 (-0.005)	-8.2	.893 (-0.983)	-15.8	.634 (-3.963)
-.8	.999 (-0.009)	-8.4	.888 (-1.033)	-16.0	.625 (-4.078)
-1.0	.998 (-0.014)	-8.6	.883 (-1.084)	-16.2	.617 (-4.194)
-1.2	.998 (-0.021)	-8.8	.877 (-1.137)	-16.4	.609 (-4.313)
-1.4	.997 (-0.028)	-9.0	.872 (-1.191)	-16.6	.60 (-4.435)
-1.6	.996 (-0.037)	-9.2	.866 (-1.246)	-16.8	.592 (-4.558)
-1.8	.995 (-0.046)	-9.4	.861 (-1.303)	-17.0	.583 (-4.685)
-2.0	.993 (-0.057)	-9.6	.855 (-1.361)	-17.2	.575 (-4.814)
-2.2	.992 (-0.069)	-9.8	.849 (-1.421)	-17.4	.566 (-4.945)
-2.4	.991 (-0.082)	-10.0	.843 (-1.482)	-17.6	.557 (-5.079)
-2.6	.989 (-0.097)	-10.2	.837 (-1.544)	-17.8	.549 (-5.216)
-2.8	.987 (-0.112)	-10.4	.831 (-1.608)	-18.0	.54 (-5.356)
-3.0	.985 (-0.129)	-10.6	.825 (-1.674)	-18.2	.531 (-5.499)
-3.2	.983 (-0.146)	-10.8	.818 (-1.74)	-18.4	.522 (-5.644)
-3.4	.981 (-0.165)	-11.0	.812 (-1.809)	-18.6	.513 (-5.793)
-3.6	.979 (-0.186)	-11.2	.805 (-1.879)	-18.8	.504 (-5.945)
-3.8	.976 (-0.207)	-11.4	.799 (-1.95)	-19.0	.495 (-6.1)
-4.0	.974 (-0.229)	-11.6	.792 (-2.023)	-19.2	.486 (-6.259)
-4.2	.971 (-0.253)	-11.8	.785 (-2.098)	-19.4	.477 (-6.421)

Systems With Reliability

Page 2 of 3

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA

FREQUENCY: 94.3 MHz

PATTERN POL.: Circular

DIRECTIVITY(Peak): 1.918/2.828 dBd

Beam Tilt (Deg.) : 0

DIRECTIVITY(Horiz): 1.918/2.828 dBd

Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
-19.6	.468 (-6.587)	-27.2	.121 (-18.344)	-54.0	.519 (-5.694)
-19.8	.459 (-6.756)	-27.4	.112 (-19.006)	-55.0	.519 (-5.69)
-20.0	.45 (-6.929)	-27.6	.103 (-19.721)	-56.0	.518 (-5.708)
-20.2	.441 (-7.106)	-27.8	.094 (-20.496)	-57.0	.516 (-5.747)
-20.4	.432 (-7.288)	-28.0	.086 (-21.343)	-58.0	.512 (-5.807)
-20.6	.423 (-7.473)	-28.2	.077 (-22.278)	-59.0	.508 (-5.887)
-20.8	.414 (-7.663)	-28.4	.068 (-23.322)	-60.0	.502 (-5.986)
-21.0	.405 (-7.858)	-28.6	.06 (-24.503)	-61.0	.495 (-6.103)
-21.2	.396 (-8.057)	-28.8	.051 (-25.863)	-62.0	.488 (-6.239)
-21.4	.386 (-8.261)	-29.0	.042 (-27.469)	-63.0	.479 (-6.392)
-21.6	.377 (-8.471)	-29.2	.034 (-29.429)	-64.0	.47 (-6.563)
-21.8	.368 (-8.686)	-29.4	.025 (-31.951)	-65.0	.46 (-6.751)
-22.0	.359 (-8.906)	-29.6	.017 (-35.496)	-66.0	.449 (-6.956)
-22.2	.349 (-9.132)	-29.8	.008 (-41.54)	-67.0	.438 (-7.178)
-22.4	.34 (-9.365)	-30.0	.00 (-50)	-68.0	.426 (-7.417)
-22.6	.331 (-9.604)	-31.0	.041 (-27.712)	-69.0	.413 (-7.673)
-22.8	.322 (-9.85)	-32.0	.081 (-21.828)	-70.0	.401 (-7.948)
-23.0	.312 (-10.103)	-33.0	.119 (-18.454)	-71.0	.387 (-8.24)
-23.2	.303 (-10.364)	-34.0	.156 (-16.113)	-72.0	.374 (-8.551)
-23.4	.294 (-10.632)	-35.0	.192 (-14.343)	-73.0	.36 (-8.881)
-23.6	.285 (-10.909)	-36.0	.225 (-12.937)	-74.0	.345 (-9.231)
-23.8	.276 (-11.195)	-37.0	.257 (-11.786)	-75.0	.331 (-9.603)
-24.0	.266 (-11.491)	-38.0	.288 (-10.824)	-76.0	.316 (-9.997)
-24.2	.257 (-11.797)	-39.0	.316 (-10.008)	-77.0	.301 (-10.415)
-24.4	.248 (-12.113)	-40.0	.342 (-9.31)	-78.0	.286 (-10.859)
-24.6	.239 (-12.441)	-41.0	.367 (-8.709)	-79.0	.271 (-11.332)
-24.8	.23 (-12.781)	-42.0	.39 (-8.189)	-80.0	.256 (-11.836)
-25.0	.22 (-13.135)	-43.0	.41 (-7.738)	-81.0	.241 (-12.374)
-25.2	.211 (-13.503)	-44.0	.429 (-7.349)	-82.0	.225 (-12.951)
-25.4	.202 (-13.887)	-45.0	.446 (-7.013)	-83.0	.21 (-13.571)
-25.6	.193 (-14.287)	-46.0	.461 (-6.724)	-84.0	.194 (-14.242)
-25.8	.184 (-14.706)	-47.0	.474 (-6.479)	-85.0	.178 (-14.971)
-26.0	.175 (-15.145)	-48.0	.486 (-6.272)	-86.0	.163 (-15.768)
-26.2	.166 (-15.606)	-49.0	.495 (-6.101)	-87.0	.147 (-16.648)
-26.4	.157 (-16.092)	-50.0	.503 (-5.963)	-88.0	.131 (-17.627)
-26.6	.148 (-16.605)	-51.0	.51 (-5.855)	-89.0	.116 (-18.733)
-26.8	.139 (-17.149)	-52.0	.514 (-5.775)	-90.0	.10 (-20)
-27.0	.13 (-17.727)	-53.0	.517 (-5.722)	90.0	.00 (-50)

Systems With Reliability

Page 3 of 3

CLIENT: WL VY

Date: 11/30/2009

ANTENNA TYPE: FM3R/2-DA

FREQUENCY: 94.3 MHz

PATTERN POL.: Circular

DIRECTIVITY(Peak): 1.918/2.828 dBd

Beam Tilt (Deg.) : 0

DIRECTIVITY(Horiz): 1.918/2.828 dBd

Null Fill(s)(%) : 0, 0, 0

Exhibit 5: Antenna Data Sheet



SYSTEMS WITH RELIABILITY, LLP

BROADCAST ANTENNAS AND TRANSMISSION LINE

SYSTEM DATA SHEET

Customer	WLVY
Contact	Ray Ross
Location	Elmira, NY
Antenna Model	FM3R/2 DA
Channel / Frequency	232A/ 94.3 MHz

ELECTRICAL SPECIFICATIONS

Antenna Specifications:

	H-POL	dB	V. Pol.	dB
License ERP (KW)	1.15	0.607	1.15	0.607 dB
FCC Limit Pattern Directivity	1.107	0.441	1.107	0.441 dB
Elevation Directivity	1.918	2.828	1.918	2.828 dB
Azimuth Directivity	2.547	4.061	1.549	1.900 dB
Composite Pattern	1.508	1.783	1.508	1.783 dB
Polarization Ratio	0.378	-4.224	0.622	-2.063 dB
RMS Comp./RMS Limit	85.68 %			
Antenna Efficiency %	100	0	100	0
Power Ratio (Pol. Ratio X Efficiency)	0.3781	0	0.6219	0
Antenna Gain	1.847	2.665	1.847	2.665 dB

Antenna Input Power (KW)	0.623 kW	-2.058 (dBK)
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Feed Line Specifications:

Line Type	1 5/8" Foam 50 Ω
Attenuation Per 100 ft (dB)	0.2 dB
Line Length (ft) AGL + 45'	400.00 ft.
Total Line Attenuation (dB)	0.8000 dB
Line Efficiency	83.18 %
Power Input to the Line (KW)	0.748 kW -1.258 (dBK)

MECHANICAL SPECIFICATIONS

No. Of Bays	2	
Antenna Aperture	10.43 ft.	3.18 meter
Center of Radiation AGL	380.60 ft.	116.04 meter
Antenna Weight with Radomes	205.00 lbs.	93.18 kg
Windload (50/33) with Radomes	720.00 lbs.	Windload CaAc 21.00 ft^2

Prepared by:

David K. Edmiston Jr.

David K. Edmiston Jr.
SWR, LLP

Exhibit 6: RMS Calculations



SYSTEMS WITH RELIABILITY, INC.
Broadcast Antennas and Transmission Systems

WLVY Antenna RMS Comparison

PROPOSED ANTENNA

Azimuth Heading	Relative Field
0	0.896
10	0.816
20	0.736
30	0.656
40	0.624
50	0.704
60	0.784
70	0.864
80	0.944
90	1.000
100	1.000
110	1.000
120	1.000
130	1.000
140	1.000
150	1.000
160	1.000
170	1.000
180	1.000
190	1.000
200	1.000
210	1.000
220	1.000
230	1.000
240	1.000
250	1.000
260	1.000
270	1.000
280	1.000
290	1.000
300	1.000
310	1.000
320	1.000
330	1.000
340	1.000
350	0.976

Sum of Relative Field Squared : 32.531
Sum Divided by 36 (Readings) : 0.904
Square Root : 0.951

DESIGNED ANTENNA

Azimuth Heading	Relative Field
0	0.420
10	0.400
20	0.410
30	0.430
40	0.420
50	0.370
60	0.359
70	0.442
80	0.550
90	0.650
100	0.730
110	0.800
120	0.860
130	0.920
140	0.970
150	0.990
160	1.000
170	1.000
180	1.000
190	1.000
200	1.000
210	1.000
220	1.000
230	1.000
240	1.000
250	1.000
260	1.000
270	1.000
280	0.990
290	0.970
300	0.950
310	0.900
320	0.794
330	0.638
340	0.520
350	0.470

Sum of Relative Field Squared : 23.894
Sum Divided by 36 (Readings) : 0.664
Square Root : 0.815

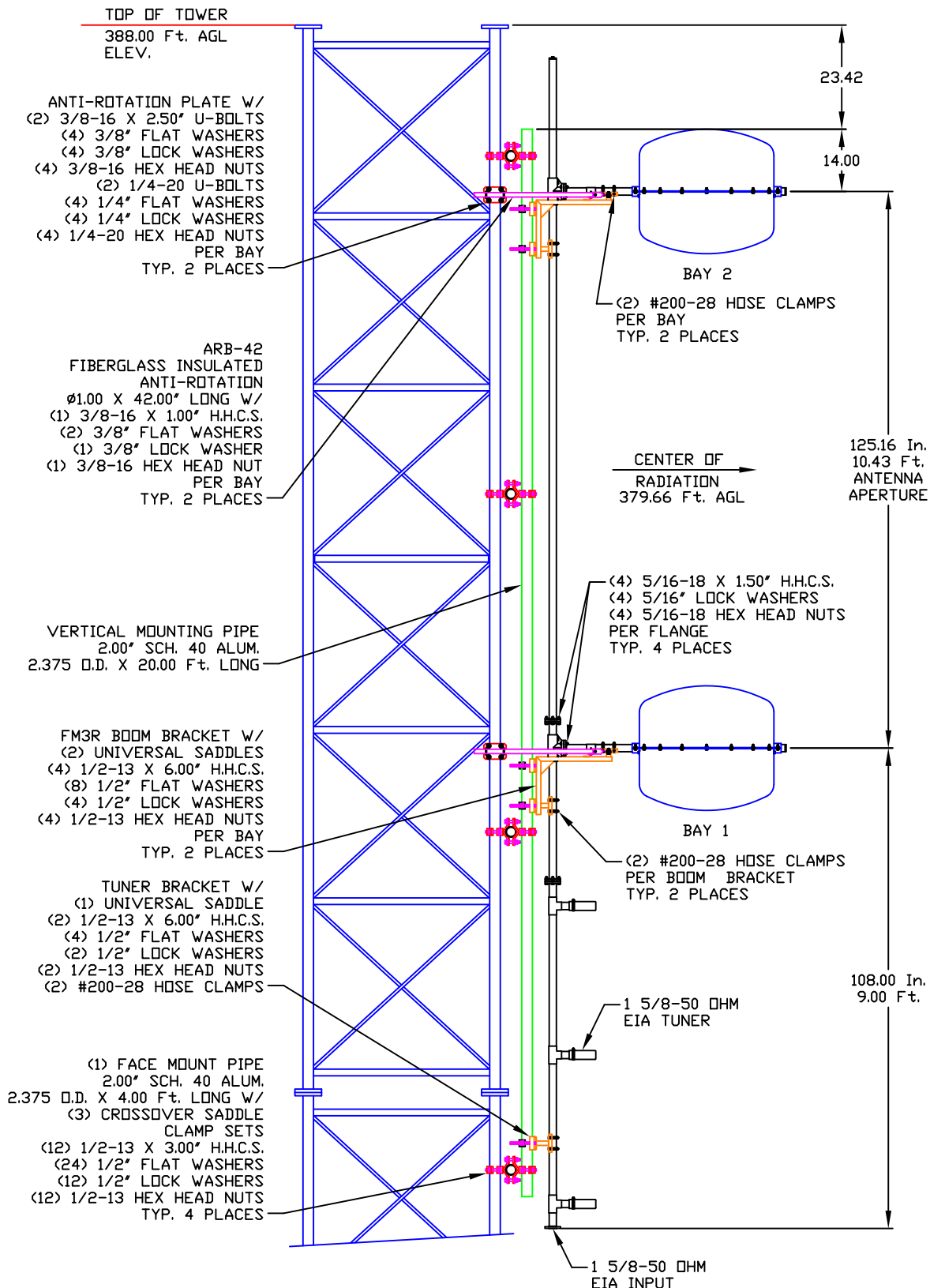
Percentage of Construction Permit Antenna Filled : **85.70%**

NOTES:

1. REFERENCE DWG. 1372D01 FOR ANTENNA ORIENTATION.

Exhibit 7: Drawings

DRAWING NUMBER: 1372D00



SYSTEMS WITH RELIABILITY, INC.
619 INDUSTRIAL PARK ROAD
EBENSBURG, PENNSYLVANIA 15931

TITLE: FM3R/2-DA, FREQ. 94.3
WLKY, ELMIRA, NY

MATERIAL:

SIZE
C

REV
1
2
3

APPR. DATE

ENGINEER:

SCALE: NTS

NAME: RAC

DATE: 11/19/09

SHEET 1 OF 1


DRAWING NUMBER: 1372D00

TRUE
NORTH

DRAWING:
NUMBER:

TRUE
NORTH





ANTENNA
AZIMUTH
200°51'

TOLERANCES

.X	± .015
.XX	± .005
.XXX	± .002
X/X	± 1/32
DEG.	± 1/2

UNLESS OTHERWISE SPECIFIED

TITLE:

FM3R/2-DA, FREQ. 94.3
WLVY, ELMIRA, NY

SIZE

A

MATERIAL:

ANTENNA ORIENTATION
FROM TRUE NORTH

SYSTEMS WITH RELIABILITY, INC
619 INDUSTRIAL PARK ROAD
EBENSBURG, PENNSYLVANIA 15931

DRAWING NUMBER:

1372D01

REVISION RECORD

REV	APPROVAL	DATE

SCALE: NTS

NAME: RAC

DATE: 11/19/09

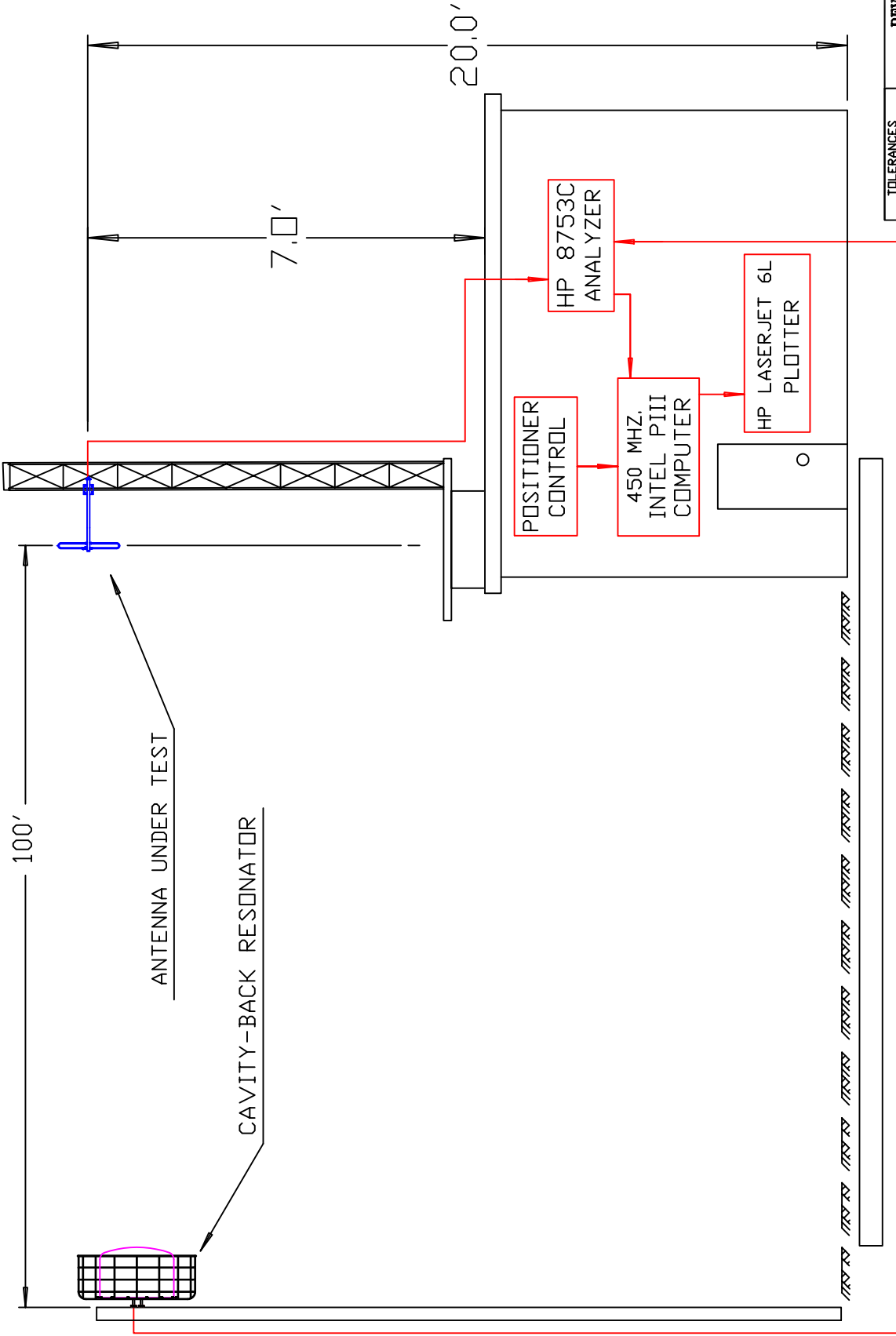
SHEET 1

OF 1

NOTE:

Exhibit 7 (cont'd): Drawings

DRAWING
NUMBER: 2105A10



<div>SYSTEMS WITH RELIABILITY, INC 619 INDUSTRIAL PARK ROAD EBENSBURG, PENNSYLVANIA 15931</div>		TITLE: TEST RANGE SCHEMATIC		SIZE A		PARTS MADE BY THIS DRAWING		DRAWING NUMBER: 2105A10		TOLERANCES		REVISION RECORD					
										X ± .015		REV		APPROVAL		DATE	
										.XX ± .005							
										.XXX ± .002							
										X/X ± 1/32							
										DEG. ± 1/2							
										UNLESS OTHERWISE SPECIFIED							
										2		10/7/05					
										1		4/30/02					
						SCALE: NTS		NAME: JRM		DATE: 11/1/98		SHEET 1 OF 1					

Attachment C
Surveyor's Affidavit

Surveyor's Declaration

ANDREW J. GIOMETTI

I, Andrew J. Giometti, subject to the penalties of perjury, do declare the following:

- 1.) I am a licensed surveyor in the state(s) of NEW YORK (50616)
_____ and _____.
- 2.) I have provided professional services to PENBROOK PINES MEDIA (permit tee name), permit tee of WLVY -FM, ELMIRA (city of license), NY (state), during the installation of the WLVY -FM directional antenna.
- 3.) I certify that the WLVY -FM directional antenna has been oriented at the proper azimuth as authorized in the construction permit (FCC File Number BPH-20061220ABW).

Dated: 12/9/09 mm/dd/yy

Attachment D
Engineer's Affidavit

Engineer's Declaration

I, LAWRENCE W. HODGE, subject to the penalties of perjury, do declare the following:

- 1.) I am the holder of a valid General Radio Telephone Operators License,
Number PG 204424 (FCC License No.)
- 2.) I have been a member of the Society of Broadcast Engineer's since 1978 (year)
- 3.) That I have been employed as a technical consultant with the firm of:
INDEPENDENT (firm name), of
CONKLIN, NY (city state)
- 4.) That INDEPENDENT (Firm's Name) was retained
by PEMBROOK PINES MEDIA (Permit tee's Name) for
the purpose of preparing its application for the construction permit of WLKY -FM,
Elmira (City), New York (State), from which the underlying Construction Permit
(FCC File Number BPH-20061220ABW) was granted by the Commission.
- 5.) That I am familiar with the terms and conditions of the WLKY -FM Construction
Permit.
- 6.) I hereby certify that I have overseen the installation of the WLKY -FM directional
antenna and that the installation was complete to the manufacturer's instructions.

Sign Lawrence W. Hodge

Dated: 12/11/09 mm/dd/yy

Attachment E

**Issues Pertaining to
Stations WELM(AM) and WEHH(AM)**

Diversified Communications Systems
7961 West Lake Road, Fairview, PA 16415
814-474-5129

ENGINEERING STATEMENT OF RICHARD C. POGSON, CPBE
Prepared for: Pembroke Pines Elmira, Limited
Regarding: WLVY-FM Application For Station License

The Applicant, Pembroke Pines Elmira, Limited is applying for a station license to cover Construction Permit No. BPH-20061220ABW. The construction permit issued includes a special operating condition or restriction, paragraph 6, as follows:

“If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.”

The existing tower (ASRN# 1226774) that the FM station antenna is mounted on is owned by the applicant, Pembroke Pines Elmira, Limited. Pembroke Pines is also the licensee of AM stations WELM at 1410 Khz and WEHH at 1600 Khz. Prior to the FM antenna installation the AM stations requested and were granted temporary authority to operate with parameters at variance. The change in operating parameters has since been determined to be caused by re-radiation after construction of the above-referenced tower. The tower is not base-insulated or de-tuned at the AM frequencies referenced at this time.

Respectfully Submitted By,
Richard C. Pogson CPBE