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New Reserved band FM Translator Construction Permit Application

Application Submitted

Approved by OMB (Office of Management and Budget) 3060-0027 September 2014

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Application Summary

File Number:
0000307837
Application Purpose:
Construction Permit
Status:
Pending
Date Submitted:
11/13/2026

Applicant Information

Name:
Shofar Broadcasting Corporation
Title:

Address:
PO Box 1909
Charleston, WV 25327
United States
Phone:
+1 (888) 382-0881
Email:
wxaf@wxaffm.org

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F & L ELECTRONICS, INC.
235 FOURTH AVENUE
HUNTINGTON, WV 25701
P 304-523-6069
sales@fandlelectronics.com

September 9, 2026

Sweetest Sound Radio
Attn: Jim Jenkins

I give permission to Sweetest Sound Radio to use our Barboursville, WV tower, ASRN 1036518, and our Rotary Park, WV tower, ASRN 1057824

If you need further information please contact me.
O: 304-523-6069
C: 304-544-1395
frank@fandlelectronics.com

Sincerely,
Frank Scarberry

DIVERSITY OF OWNERSHIP CERTIFICATION for the

2026 NCE Reserved Band FM Translator Filing Window

Applicant: Shofar Broadcasting Corporation

Proposed Translator Community: Huntington, WV

Proposed Frequency/Channel: 90.5 MHz / Channel 213

Primary Station: WXAF / Facility ID 39869

Certification of Qualifications

The undersigned, being a duly authorized representative of the Applicant, hereby certifie follows:

1. The Applicant seeks two (2) comparative points for Diversity of Ownership purs 47 CFR § 73.7003(b)(2), as applicable to the 2026 NCE Reserved Band FM Trar Filing Window.
2. The Applicant has reviewed its attributable broadcast interests, including those o parties whose interests are attributable under 47 CFR § 73.7000.
3. Based upon the Applicant's ownership review and the accompanying engineering analysis, the principal community contour of the proposed FM translator does no the applicable principal community contour of any other broadcast station or aut construction permit in which the Applicant or any party to the application holds a attributable interest, except for any interest expressly excluded from the diversity calculation under the Commission's rules.
4. The Applicant acknowledges its obligation to preserve the qualifications upon wl comparative points are awarded, consistent with 47 CFR § 73.7003 and other app FCC requirements.
5. The Applicant certifies that the statements herein are true and correct to the best knowledge and belief and are supported by the Applicant's ownership records an engineering documentation.

Applicant Certification

Applicant Organization: Shofar Broadcasting

Authorized Representative: James Jenkins

Title: President

Signature: James Jenkins

Date: 2 3 26

Diversity of Ownership - Shofar Broadcasting Corporation - 70 dBµ Contour Map

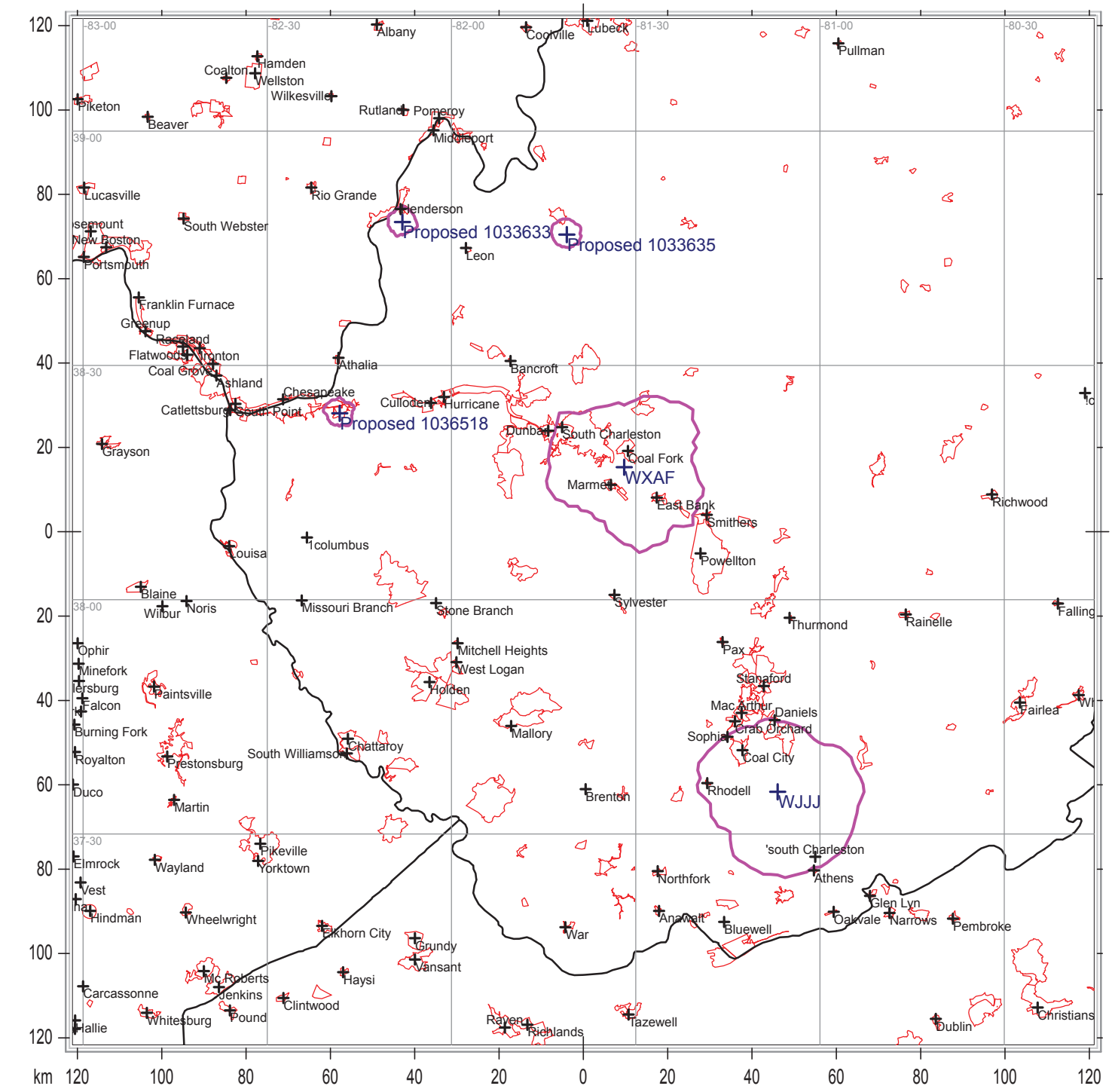


Figure 1
Shofar Broadcasting Corporation
Diversity of Ownership Study
Huntington, WV

State Borders City Borders Lat/Lon Grid

Map Scale: 1:1350692 1 cm = 13.51 km V|H Size: 243.35 x 242.31 km

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Shofar Broadcasting Corporation
Identification of Facilities
Huntington. WV

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CALL       ST   CITY            FREQ    CHN  CL   ERP      STAT
FORMAT          ARN             OWNER
LATITUDE     LONGITUDE    HAAT:m AMSL:m
-----------------------------------------------------------------

Proposed                       90.50000      D    13.00    APP
Unknown or New CP
38-23-52.0 N  82-18-12.0 W 100.806 317.000

WVWV       WV   HUNTINGTON     89.90000      B    8100.00  LIC
Unknown or New CP BLED-19940810KZ  WEST VIRGINIA EDUCATIONAL BROADCASTING
AUTHORITY
38-29-41.3 N  82-12-02.5 W 325.393 582.000

WKAO       KY   ASHLAND        91.10000      B1   7000.00  LIC
Unknown or New CP BLED-20100521ADU POSITIVE ALTERNATIVE RADIO, INC.
38-25-11.3 N  82-24-05.5 W 76.579 317.000

WFGH       WV   FORT GAY       90.70000      B1   7800.00  LIC
Unknown or New CP BLED-1458        WAYNE COUNTY BOARD OF EDUCATION
38-07-58.3 N  82-35-36.5 W 34.371 303.000

WMKY       KY   MOREHEAD       90.30000      C1   37000.00 LIC
Unknown or New CP BLED-20031022ALF MOREHEAD STATE UNIVERSITY DOING BUSINESS
AS: MOREHEAD STATE PUBLIC RADIO
38-10-38.3 N  83-24-16.7 W 234.145 571.400

WVWP-LP    WV   WAYNE          101.10000      LP100 3.00     LIC
Unknown or New CP BLL-20150713AAJ  WAYNE HIGH SCHOOL
38-13-31.9 N  82-27-05.2 W 126.414 398.600

W213BP     KY   SOUTH PORTSMOUTH 90.50000      D    10.00    LIC
Unknown or New CP BLFT-20100825ABH CSN INTERNATIONAL
38-43-22.3 N  82-59-55.6 W 125.524 376.000

WXAF       WV   CHARLESTON     90.90000      B1   4000.00  LIC
Unknown or New CP BLED-20140225ABC SHOFAR BROADCASTING CORPORATION
38-16-58.4 N  81-31-52.4 W 169.674 512.000

WLKV       WV   RIPLEY         90.70000      A    2500.00  LIC
Unknown or New CP BLED-20160216ABJ K-LOVE, INC.
38-48-29.7 N  81-43-04.6 W 59.855 328.000

WXRP       WV   MATEWAN        90.50000      A    100.00   CP
Unknown or New CP 0000166295       WFGH AMATEUR RADIO CLUB, INC.
37-37-54.3 N  82-09-31.4 W 102.336 538.000

WXRP       WV   MATEWAN        90.50000      A    100.00   LIC
Unknown or New CP 0000259631       WFGH AMATEUR RADIO CLUB, INC.
37-37-54.3 N  82-09-31.4 W 88.459 538.000
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Shofar Broadcasting Corporation
Identification of Facilities
Huntington. WV

WMLJ WV SUMMERSVILLE 90.50000 B 11000.00 LIC
Unknown or New CP BLED-20040830ACA GRACE MISSIONARY BAPTIST CHURCH
38-06-42.4 N 80-35-51.3 W 211.298 1269.000

WVPG WV PARKERSBURG 90.30000 B1 10500.00 CP MOD
Unknown or New CP 0000243577 WEST VIRGINIA EDUCATIONAL BROADCASTING AUTHORITY
39-14-48.1 N 81-25-01.0 W 118.335 399.000

WEKH KY HAZARD 90.90000 C1 31000.00 LIC
Unknown or New CP BLED-20011206AAK EASTERN KENTUCKY UNIVERSITY
37-11-35.3 N 83-11-16.6 W 275.400 725.000

W212BM OH JACKSON 90.30000 D 38.00 LIC
Unknown or New CP BLFT-20010212ABM K-LOVE, INC.
39-01-23.2 N 82-39-40.5 W 31.686 309.000

WVPG WV PARKERSBURG 90.30000 B1 9000.00 LIC
Unknown or New CP BMLED-20110819AAW WEST VIRGINIA EDUCATIONAL BROADCASTING AUTHORITY
39-12-44.3 N 81-35-29.5 W 59.970 331.000

WJSO KY PIKEVILLE 90.10000 C3 2400.00 LIC
Unknown or New CP 0000180454 THE MOODY BIBLE INSTITUTE OF CHICAGO
37-27-44.8 N 82-32-36.1 W 99.719 521.000

WAOM OH MOWRYSTOWN 90.50000 B1 15000.00 CP MOD
Unknown or New CP 0000290089 GOD'S FINAL CALL & WARNING, INC.
39-01-48.8 N 83-47-51.9 W 13.223 344.000

WAOM OH MOWRYSTOWN 90.50000 A 1300.00 LIC
Unknown or New CP BLED-20180208ABZ GOD'S FINAL CALL & WARNING, INC.
39-01-48.2 N 83-47-51.7 W 19.956 344.000

WPWV WV PRINCETON 90.10000 B1 2500.00 LIC
Unknown or New CP BLED-20030922ACP AMERICAN FAMILY ASSOCIATION
37-30-35.4 N 81-12-54.3 W 200.828 1083.000

WPIB WV BLUEFIELD 91.10000 C1 12000.00 LIC
Unknown or New CP BLED-20020717AAA POSITIVE ALTERNATIVE RADIO, INC.
37-15-26.4 N 81-10-42.3 W 277.906 1146.000

WISE-FM VA WISE 90.50000 A 220.00 LIC
Unknown or New CP BLED-20010328AAC VIRGINIA TECH FOUNDATION, INC.
36-57-39.4 N 82-30-55.6 W 118.052 932.000

WCBE OH COLUMBUS 90.50000 B 11000.00 LIC
Unknown or New CP 0000290139 BD.OF EDUC., CITY SCH.DIST., COLUMBUS
39-57-44.0 N 83-00-08.0 W 120.037 404.000

Page 3
Shofar Broadcasting Corporation
Identification of Facilities
Huntington. WV

WOHC OH CHILLICOTHE 90.10000 B1 7000.00 LIC
Unknown or New CP 0000197081 K-LOVE, INC.
39-20-46.9 N 83-11-19.0 W 85.070 392.000

Terrain Data is calculated using USGS 3 ARC second Data.

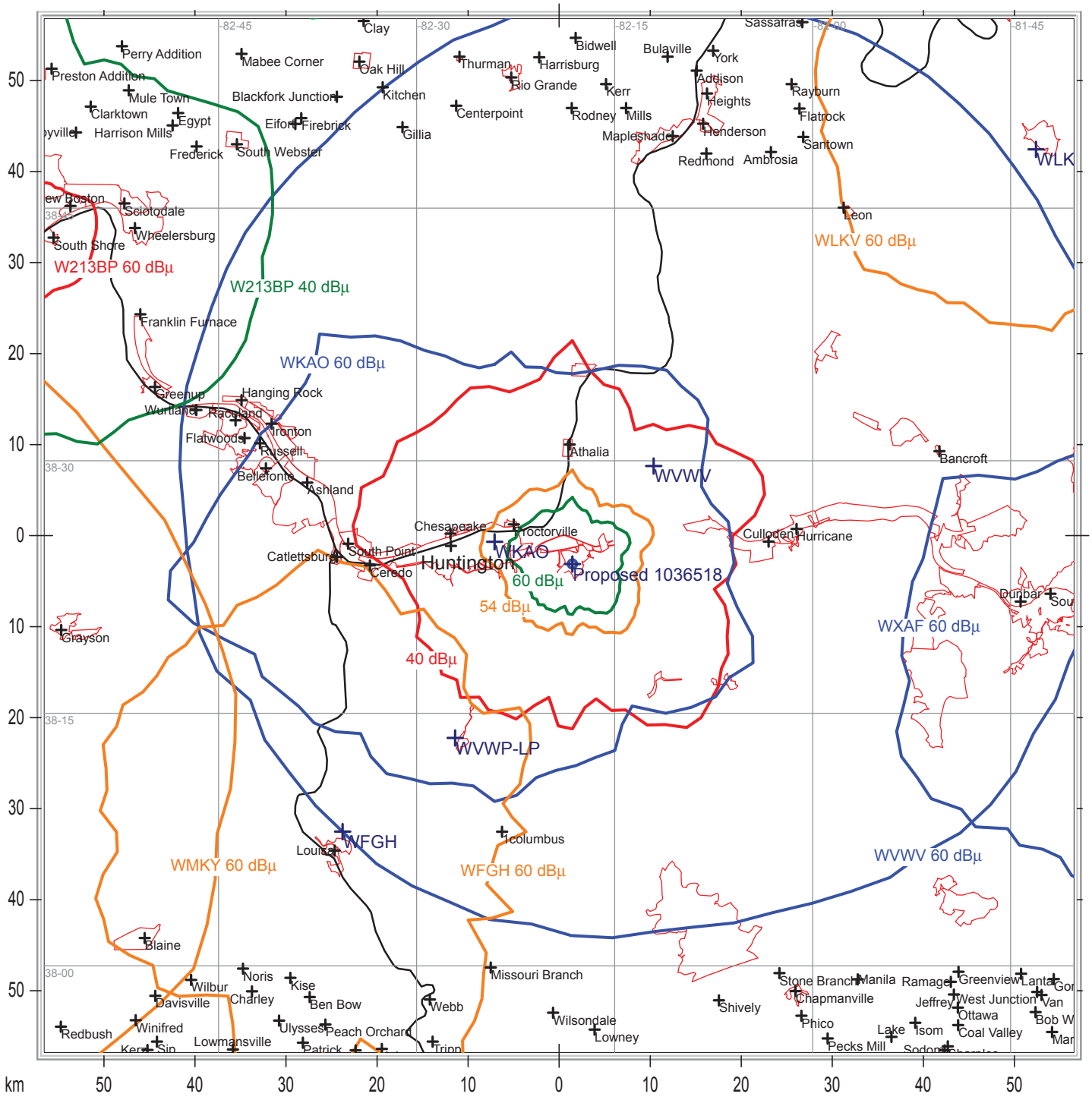


Figure 1
Shofar Broadcasting Corporation
Allocation Study
Huntington, WV

State Borders City Borders Lat/Lon Grid

Map Scale: 1:630500 1 cm = 6.30 km V|H Size: 113.59 x 113.11 km

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Shofar Broadcasting Corporation
Identification of Facilities
Huntington, WV

The proposed translator will broadcast on 213, which is within the 60 dBµ contour of third adjacent station WKAO on channel 216 and WVWV on channel 210. The WKAO interfering contour at the translator site is 80.2 dBµ F(50,50) and the WVWV interfering contour at the translator site is 85.3 dBµ F(50,50). Using the ratio of 100:1 (translator to WKAO and WVWV) on the third adjacent channel, the population within the proposed translator 120.2 and 125.3 dBµ contour is zero. Applying the antenna manufacturer's vertical radiation pattern the area of interference is able to be more accurately calculated geometrically than just by using the free space equation alone. This particular antenna is a one bay Nicom BKG77. It was determined from the manufacturer's vertical plan that at 35 degrees below horizontal the interference area would reach down 10.9 meters and extend 15.6 meters horizontally. We have proposed the antenna radiation center will be 33 meters above ground with an Effective Radiated Power of 13 watts. There are no occupied structures or elevated roadways within the interference area of the translator.

Therefore, the application is in compliance with the following: §74.1204 (d) "The provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water. In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable."

Figure 1
Minimum Ground Clearance

ERP: 13
AGL: 33

Depression Angle Below Horizontal	Antenna Relative Field	ERP (Watts)	Distance to interfering Contour from Antenna (m)	Horizontal Distance of Interfering contour from tower (m)	Vertical Clearance of Interfering contour above TGL (m)
5	0.999	13.0	25	24.9	30.8
10	0.982	12.5	24	23.6	28.8
15	0.954	11.8	24	23.2	26.8
20	0.918	11.0	23	21.6	25.1
25	0.872	9.9	22	19.9	23.7
30	0.818	8.7	20	17.3	23.0
35	0.758	7.5	19	15.6	22.1
40	0.691	6.2	17	13.0	22.1
45	0.616	4.9	15	10.6	22.4
50	0.538	3.8	13	8.4	23.0
55	0.465	2.8	11	6.3	24.0
60	0.391	2.0	10	5.0	24.3
65	0.313	1.3	8	3.4	25.7
70	0.239	0.7	6	1.7	28.3
75	0.176	0.4	4	1.0	29.1
80	0.129	0.2	3	0.5	30.0
85	0.103	0.1	2	0.2	31.0
90	0.104	0.1	2	0.0	31.0
				Minimum Clearance above TGL:	22.1 m

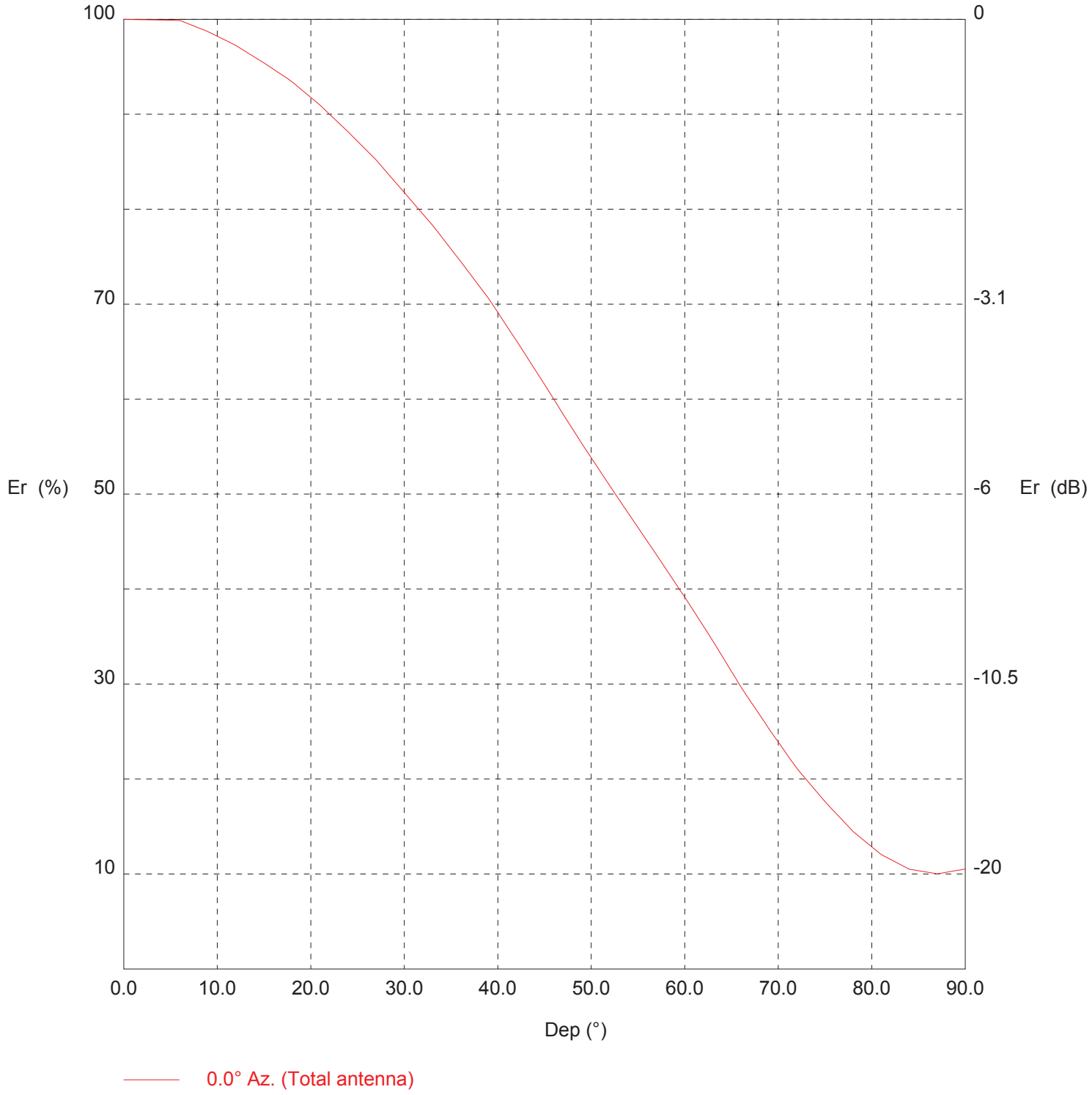
Shofar Broadcasting Corporation
Figure 2 Page 1

TX station:

Site name: 1 BAY ANTENNA

Frequency: 90.50 MHz

Vertical diagram



Shofar Broadcasting Corporation
Figure 2 Page 2

TX station: Site name: 1 BAY ANTENNA

Frequency: 90.50 MHz

Vertical diagram at an azimuth of 0° degrees

Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)	Dep (°)	Er (%)	ERP (W)
0.0	100.0	373.6	30.0	81.8	249.8	60.0	39.1	57.2
0.5	100.0	373.6	30.5	81.2	246.3	60.5	38.4	55.0
1.0	100.0	373.5	31.0	80.6	242.9	61.0	37.6	52.8
1.5	100.0	373.4	31.5	80.1	239.5	61.5	36.8	50.7
2.0	100.0	373.4	32.0	79.5	236.1	62.0	36.1	48.6
2.5	100.0	373.3	32.5	78.9	232.7	62.5	35.3	46.6
3.0	99.9	373.3	33.0	78.3	229.3	63.0	34.5	44.6
3.5	99.9	373.2	33.5	77.7	225.6	63.5	33.7	42.5
4.0	99.9	373.1	34.0	77.1	222.0	64.0	32.9	40.5
4.5	99.9	373.0	34.5	76.4	218.3	64.5	32.1	38.6
5.0	99.9	372.9	35.0	75.8	214.7	65.0	31.3	36.6
5.5	99.9	372.8	35.5	75.2	211.1	65.5	30.5	34.8
6.0	99.9	372.8	36.0	74.5	207.6	66.0	29.7	33.0
6.5	99.7	371.3	36.5	73.9	204.0	66.5	29.0	31.4
7.0	99.5	369.9	37.0	73.2	200.4	67.0	28.2	29.8
7.5	99.3	368.4	37.5	72.6	196.8	67.5	27.5	28.3
8.0	99.1	367.0	38.0	71.9	193.3	68.0	26.8	26.8
8.5	98.9	365.5	38.5	71.3	189.8	68.5	26.0	25.3
9.0	98.7	364.1	39.0	70.6	186.3	69.0	25.3	23.9
9.5	98.5	362.3	39.5	69.9	182.4	69.5	24.6	22.6
10.0	98.2	360.5	40.0	69.1	178.6	70.0	23.9	21.3
10.5	98.0	358.7	40.5	68.4	174.7	70.5	23.2	20.1
11.0	97.7	356.9	41.0	67.6	170.9	71.0	22.5	18.9
11.5	97.5	355.1	41.5	66.9	167.2	71.5	21.8	17.7
12.0	97.2	353.3	42.0	66.1	163.5	72.0	21.1	16.6
12.5	96.9	351.1	42.5	65.4	159.7	72.5	20.5	15.7
13.0	96.6	348.9	43.0	64.6	156.0	73.0	19.9	14.8
13.5	96.3	346.7	43.5	63.9	152.3	73.5	19.3	14.0
14.0	96.0	344.5	44.0	63.1	148.7	74.0	18.8	13.2
14.5	95.7	342.3	44.5	62.3	145.1	74.5	18.2	12.4
15.0	95.4	340.1	45.0	61.6	141.6	75.0	17.6	11.6
15.5	95.1	337.8	45.5	60.8	138.0	75.5	17.1	10.9
16.0	94.7	335.4	46.0	60.0	134.4	76.0	16.6	10.2
16.5	94.4	333.1	46.5	59.2	130.9	76.5	16.0	9.6
17.0	94.1	330.8	47.0	58.4	127.5	77.0	15.5	9.0
17.5	93.8	328.4	47.5	57.6	124.1	77.5	15.0	8.4
18.0	93.4	326.1	48.0	56.8	120.7	78.0	14.5	7.8
18.5	93.0	323.3	48.5	56.1	117.5	78.5	14.1	7.4
19.0	92.6	320.4	49.0	55.3	114.4	79.0	13.7	7.0
19.5	92.2	317.5	49.5	54.6	111.3	79.5	13.3	6.6
20.0	91.8	314.7	50.0	53.8	108.2	80.0	12.9	6.2
20.5	91.4	311.9	50.5	53.1	105.2	80.5	12.5	5.8
21.0	91.0	309.1	51.0	52.3	102.2	81.0	12.0	5.4
21.5	90.5	305.9	51.5	51.6	99.4	81.5	11.8	5.2
22.0	90.0	302.7	52.0	50.8	96.6	82.0	11.5	5.0
22.5	89.5	299.6	52.5	50.1	93.8	82.5	11.3	4.8
23.0	89.1	296.5	53.0	49.4	91.1	83.0	11.0	4.5
23.5	88.6	293.4	53.5	48.6	88.4	83.5	10.8	4.3
24.0	88.1	290.3	54.0	47.9	85.8	84.0	10.5	4.1
24.5	87.6	287.0	54.5	47.2	83.2	84.5	10.4	4.1
25.0	87.2	283.8	55.0	46.5	80.7	85.0	10.3	4.0
25.5	86.7	280.6	55.5	45.7	78.2	85.5	10.3	3.9
26.0	86.2	277.4	56.0	45.0	75.7	86.0	10.2	3.9
26.5	85.7	274.2	56.5	44.3	73.3	86.5	10.1	3.8
27.0	85.2	271.1	57.0	43.6	71.0	87.0	10.0	3.7
27.5	84.6	267.5	57.5	42.8	68.6	87.5	10.1	3.8
28.0	84.0	263.9	58.0	42.1	66.2	88.0	10.2	3.9
28.5	83.5	260.3	58.5	41.4	63.9	88.5	10.3	3.9
29.0	82.9	256.8	59.0	40.6	61.6	89.0	10.4	4.0
29.5	82.3	253.3	59.5	39.9	59.4	89.5	10.4	4.1

Figure 3
Aerial Photo of the 15.6 Meter Vicinity Surrounding the Proposed Tower Site

