

ENGINEERING STATEMENT  
MODIFICATION OF CONSTRUCTION PERMIT  
RE DTV BROADCAST ENGINEERING DATA  
ON BEHALF OF  
NEXSTAR BROADCASTING, INC.  
WCIA-DT, CHAMPAIGN, ILLINOIS  
CHANNEL 48 1000 KW ERP ND 245 METERS HAAT

JUNE 2005

COHEN, DIPPELL AND EVERIST, P.C.  
CONSULTING ENGINEERS  
RADIO AND TELEVISION  
WASHINGTON, D.C.

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington                    )  
  ) ss  
District of Columbia                )

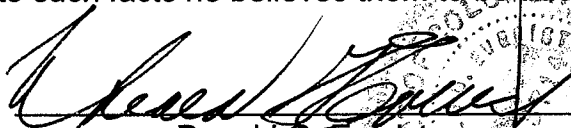
Donald G. Everist, being duly sworn upon his oath, deposes and states that:

He is a graduate electrical engineer, a Registered Professional Engineer in the District of Columbia, and is President, Secretary and Treasurer of Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

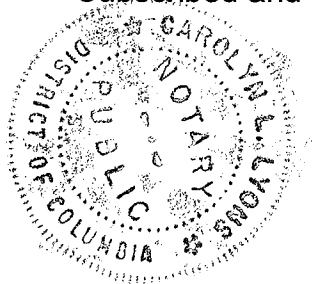
That his qualifications are a matter of record in the Federal Communications Commission;

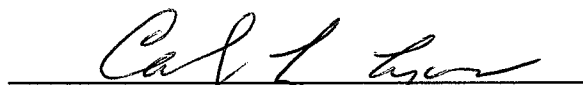
That the attached engineering report was prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.

  
Donald G. Everist  
District of Columbia  
Professional Engineer  
Registration No. 5714

Subscribed and sworn to before me this 30th day of June, 2005.



  
\_\_\_\_\_  
Notary Public

My Commission Expires: 2/28/2008

COHEN, DIPPELL AND EVERIST, P. C.

City of Washington                    )  
  ) ss  
District of Columbia                )

Martin R. Doczkat being duly sworn upon his oath, deposes and states that:


He is a graduate electrical engineer of the Pennsylvania State University, and is a staff engineer at Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington, D.C. 20005;

That the attached engineering report was prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.

  
Martin R. Doczkat

Subscribed and sworn to before me this 30th day of June, 2005.

  
Notary Public

My Commission Expires: 2/28/2008



This engineering statement has been prepared on behalf of Nexstar Broadcasting, Inc., licensee of WCIA-TV, Champaign, Illinois. The purpose of this engineering statement is to accompany its request to modify its outstanding construction permit for digital television ("DTV") facilities (FCC File No. BPCDT-20000501ADZ) and to supplement those data required in FCC Form 301, Section III-D.

WCIA-TV operates on NTSC Television Channel 3 with a maximum visual horizontal effective radiated power ("ERP") of 100 kW non-directional at a height above average terrain ("HAAT") of 287 meters. WCIA-DT has been allocated DTV Channel 48 with facilities of 1000 kW at a HAAT of 287 meters in the revised DTV Table of Allotments.<sup>1</sup> WCIA-DT proposes to construct DTV facilities of 1000 kW non-directional ERP (horizontal polarization) at a HAAT of 245 meters.

There are no AM stations located within 3.22 km of the existing WCIA-DT tower site. There are no FM and one full-service NTSC station, WCIA-TV, located and transmitting within 100 meters of this site.

The DTV antenna will be side-mounted on an existing tower having a total overall structure height above ground of 300.2 meters (985 feet). The existing transmitter site is located on State Highway 10, 10 miles west of Champaign, Illinois.

Since there is no change in overall height, FAA airspace approval is not required. The tower registration number of the existing tower is 1016057. Exhibit E-1 is a diagram of the tower and transmitting antenna.

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<sup>1</sup>"In the Matter of Advanced Television Systems and Their Impact Upon the Existing Television Broadcast Service", MM Docket No. 87-286, Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order (FCC 98-24), 2/12/98, DTV Table of Allotments, Appendix B.

The geographic coordinates of the existing site are:

North Latitude: 40° 06' 21"

West Longitude: 88° 27' 00"

NAD-27

Equipment Data

Antenna: Dielectric, Type TFU 32DSB-R-03 (or equivalent) horizontally polarized antenna with 0.75° electrical beam tilt. The vertical plane pattern and other exhibits required by Section 73.625( c) are herein included in Exhibit E-2.

Power Data

Transmitter output	38.8 kW	15.89 dBk
Dielectric 6-1/8", 75 ohm or equivalent—length 271.6 meters (891 ft)	80.5%	0.94 dB
Input power to the antenna	31.25 kW	14.95 dBk
Antenna power gain, Main Lobe	32	15.05 dB
Effective Radiated Power, Maximum	1000 kW	30.0 dBk

Elevation Data

Overall height above ground of the antenna structure (including beacon and lightning protection)	300.2 meters 985 feet
Center of radiation of Channel 48 antenna above ground	241 meters 791 feet
Elevation of site above mean sea level	220.1 meters 722 feet

Center of radiation of Channel 48 antenna above mean sea level	461.1 meters 1513 feet
Overall height above mean sea level of the tower (including beacon)	520.3 meters 1707 feet
Antenna height above average terrain	245 meters

NOTE: Slight height differences result due to conversion to metric.

#### Allocation

An allocation spacing study from the proposed site has not been performed as the proposed DTV facilities are to be located at the coordinates authorized by the outstanding construction permit.

#### Coverage

The average elevation data for 3.2 to 16.1 km along each radial has been determined from FCC 3-second data. The F(50,90) DTV coverage contour has been computed from reference to the propagation data for Channels 14-69, as published by the FCC in Figure 10b and Figure 10c, Section 73.699 of the FCC Rules and Regulations. Utilizing the formula in Section 73.625(b)(2) of the Rules for the effective heights, it is found that the depression angle,  $A_h$ , varies from 0.424 to 0.439 degrees. Since the relative vertical field is greater than 90% of the maximum at these depression angles, the maximum power was used in determining the distance to the DTV contour.

Table I includes the distances to the city F(50,90) coverage contour, the average elevation 3.2 to 16.1 km, and the antenna height above average terrain for the eight cardinal radials.

### Interference Analysis

A study of predicted interference caused by the proposed WCIA-DT service has not been performed as the proposed 41 dBu contour does not extend in any direction beyond that specified by the 41 dBu contour of the outstanding construction permit.

### Other Licensed and Broadcast Facilities

No adverse technical effect is anticipated by the proposed DTV operation to any other FCC licensed facility. If required, the applicant will install filters or take other measures as necessary to resolve the problem.

### FCC Rule, Section 1.1307

The proposed 1000 kW operation will utilize a Dielectric, Type TFU32DSB-R-03 or the equivalent as described above with a center of radiation above ground of 241 meters. The proposed antenna will be side-mounted on a single guyed, uniform, cross-section, steel lattice tower with an overall height of 300.2 meters AGL.

As previously indicated, there are no AM stations located within 3.22 km of the existing tower site. According to the FCC data base, with the exception of WCIA-TV, there are no other broadcast stations located within 100 meters of the proposed site. The property on which the proposed tower is located is on State Highway 10, 10 miles west of Champaign, Illinois. Access to the tower will be prevented by a six foot chain link fence with a locked gate.

The proposed operation based upon the current OET Bulletin No. 65, Edition No. 97-01, dated August 1997 and Supplement A meets the provisions of the FCC radio

frequency field ("RFF") guidelines, and thus, complies with Section 1.1307 of the FCC Rules.

For NTSC, WCIA-TV employs a non-directional horizontally polarized antenna with a center of radiation of 283 meters above ground level. It is assumed that this antenna has a maximum relative field value of no more than 0.2 towards the ground in the vicinity of the tower (from 60° to 90° below the horizontal). Using this assumed relative field factor and the procedures prescribed in OET Bulletin No. 65, the maximum RFF resulting from the present NTSC operation at two meters above the base of the tower is calculated to be less than 0.9  $\mu\text{W}/\text{cm}^2$ . This is less than 0.5% of the 200  $\mu\text{W}/\text{cm}^2$  maximum uncontrolled exposure to RFF recommended by the current FCC guidelines for the general population.

The elevation pattern for the proposed WCIA-DT antenna for DTV operation shows a maximum relative field of less than 0.1 towards the ground in the vicinity of the tower (from 60 to 90 degrees below the horizontal). Using this relative field factor and the procedures prescribed in OET Bulletin 65, the maximum RFF resulting from the proposed operation is less than 5.9  $\mu\text{W}/\text{cm}^2$ . This is less than 1.3% of the 451.3  $\mu\text{W}/\text{cm}^2$  maximum human exposure to RFF recommended by the current FCC guidelines for the general public.

The total contribution by the WCIA-TV NTSC station and the WCIA-DT proposed DTV operations at 2 meters above ground level is less than 2% of the current FCC guidelines for general population exposure.

Authorized personnel and rigging contractors will be alerted to the potential zone of high radiation on the tower, and if necessary, the station will operate with reduced power



or terminate the operation of the transmitter as appropriate when it is necessary for authorized personnel or contractors to perform work on the tower. Workers and the general public, therefore, will not be subjected to RFF levels in excess of the current FCC guidelines.

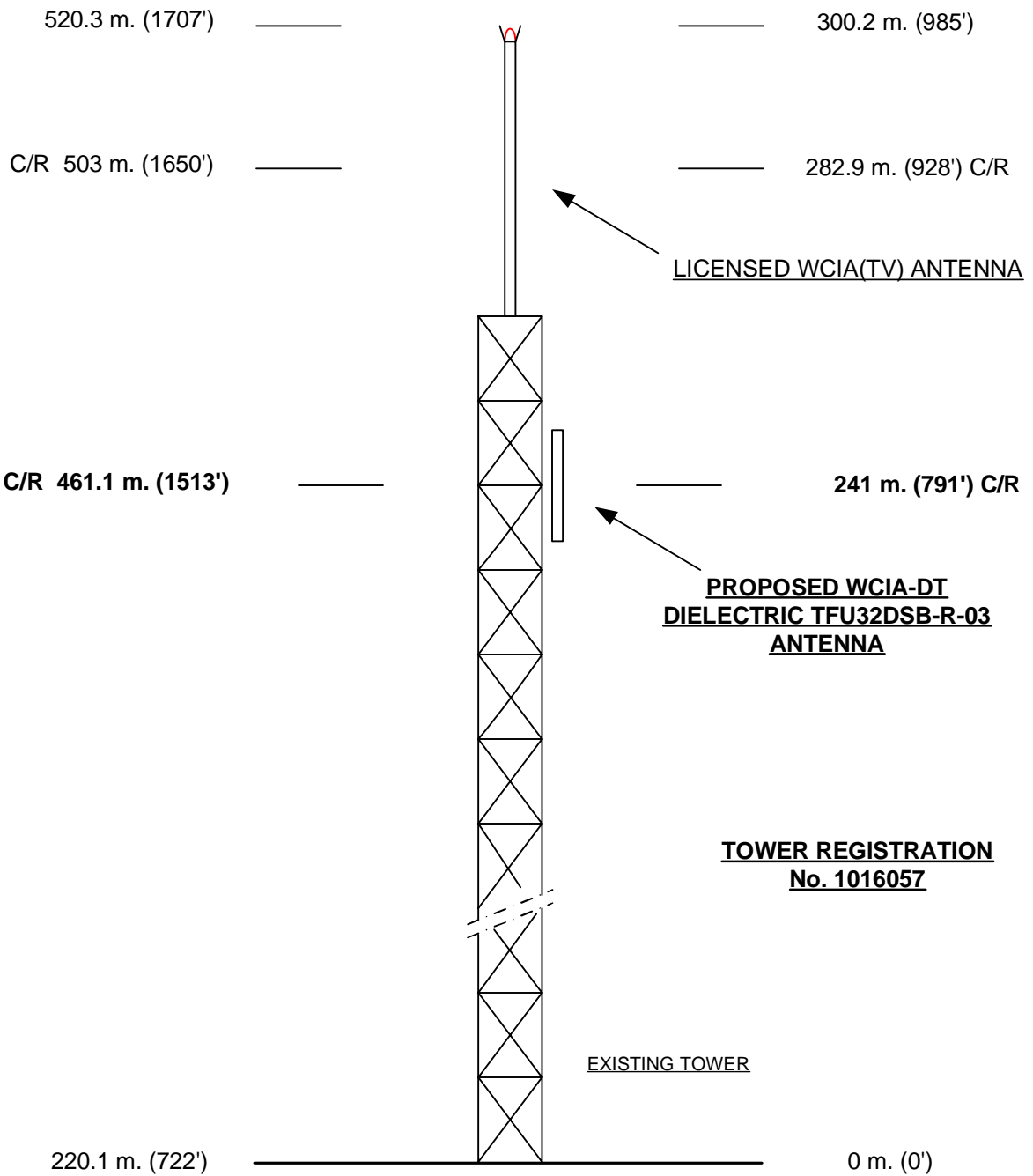
An environmental assessment ("EA") is categorically excluded under Section 1.1306 of the FCC Rules and Regulations since the licensee indicates:

- (a)(1) The proposed facilities on an existing communications site are not located in an officially designated wilderness area.
- (a)(2) The proposed facilities on an existing communications site are not located in an officially designated wildlife preserve.
- (a)(3) The proposed facilities will not affect any listed threatened or endangered species or habitats.
- (a)(3)(ii) The proposed facilities will not jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats.
- (a)(4) The proposed facilities will not affect any known districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.
- (a)(5) The proposed facilities are not located near any known Indian religious sites.
- (a)(6) The proposed facilities are not located in a flood plain.
- (a)(7) The operation of the DTV facilities on the tower will not involve a significant change in surface features of the ground in the vicinity of the tower.
- (a)(8) It is not proposed to equip the tower with high intensity white lights unless required by the FAA.

- (b) Workers and the general public will not be subjected to RFF levels in excess of the current FCC guidelines in accordance with OET Bulletin No. 65, Edition 97-01, dated August 1997 and Supplement A. A security fence with a locked gate precludes unauthorized access to the tower site.

ABOVE MEAN SEA LEVEL

ABOVE GROUND



(NOT TO SCALE)

EXHIBIT E - 1  
VERTICAL SKETCH  
FOR THE PROPOSED OPERATION OF  
**WCIA-DT, CHAMPAIGN, ILLINOIS**  
JUNE 2005

TABLE I  
COMPUTED COVERAGE DATA  
FOR THE PROPOSED OPERATION OF  
WCIA-DT, CHAMPAIGN, ILLINOIS  
CHANNEL 48 1000 KW ERP 245 METERS HAAT  
JUNE 2005

<u>Radial</u> <u>Bearing</u> N ° E, T	<u>Average*</u> <u>Elevation</u> <u>3.2 to 16.1 km</u> meters	<u>Effective</u> <u>Height</u> meters	<u>Depression</u> <u>Angle</u>	<u>ERP At</u> <u>Radio</u> <u>Horizon</u> kW	<u>Distance to Contour F(50,90)</u>	
					<u>48 dBu</u> <u>City Grade</u> km	<u>41 dBu</u> <u>Noise-Limited</u> km
0	223.4	237.7	0.427	1000	76.4	88.3
45	226.9	234.2	0.424	1000	76.1	87.9
90	221.5	239.6	0.429	1000	76.5	88.6
135	213.6	247.5	0.436	1000	77.2	89.6
180	210.4	250.7	0.439	1000	77.4	90.1
225	211.4	249.7	0.438	1000	77.3	89.9
270	210.5	250.6	0.438	1000	77.4	90.1
315	215.9	245.2	0.434	1000	77.0	89.3
Average	216.1	245.0				

\*Based on data from FCC 3-second data base

DTV Channel 48 (674-680 MHz)  
Average Elevation 3.2 to 16.1 km 216.1 meters AMSL  
Center of Radiation 461.1 meters AMSL  
Antenna Height Above Average Terrain 245 meters  
Effective Radiated Power 1000 kW (30 dBk) Max.

North Latitude: 40° 06' 21"  
West Longitude: 88° 27' 00"

(NAD-27)

EXHIBIT E-2

ANTENNA MANUFACTURER DATA

WCIA-DT, CHAMPAIGN, ILLINOIS



Proposal Number

Revision

Date

**29 Jun 2005**

Call Letters

**WCIA-DT**

Channel

**48**

Location

**Champaign, IL**

Customer

Antenna Type

**TFU-32DSB-R O3****ELEVATION PATTERN**

RMS Gain at Main Lobe

**32.0 (15.05 dB)**

Beam Tilt

**0.75 Degrees**

RMS Gain at Horizontal

**14.2 (11.52 dB)**

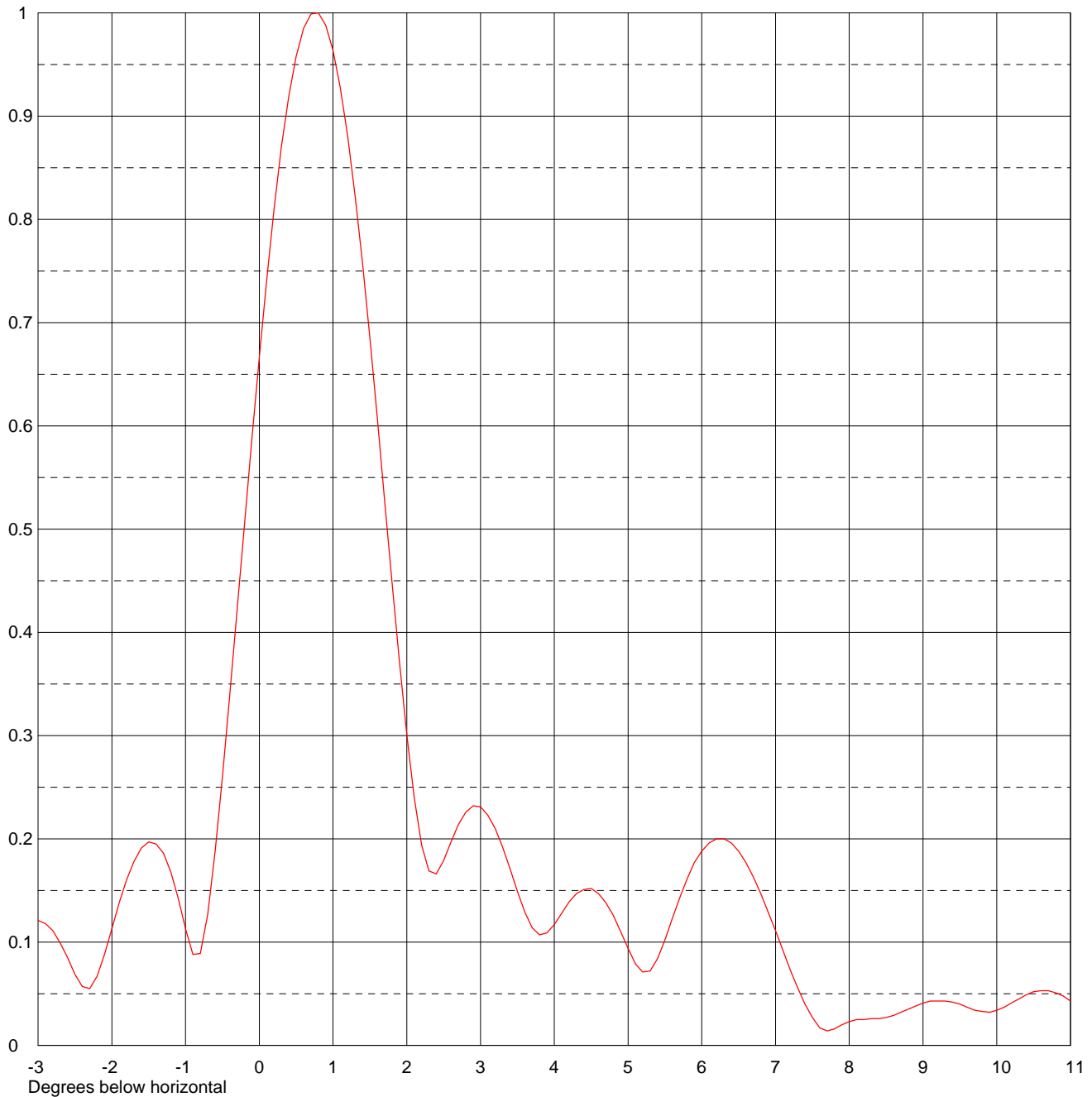
Frequency

**677.00 MHz**

Calculated / Measured

**Calculated**

Drawing #

**32B320075**

Remarks:



Proposal Number

Revision

Date

**29 Jun 2005**

Call Letters

**WCIA-DT**

Channel

**48**

Location

**Champaign, IL**

Customer

Antenna Type

**TFU-32DSB-R O3****ELEVATION PATTERN**

RMS Gain at Main Lobe

**32.0 (15.05 dB)**

Beam Tilt

**0.75 Degrees**

RMS Gain at Horizontal

**14.2 (11.52 dB)**

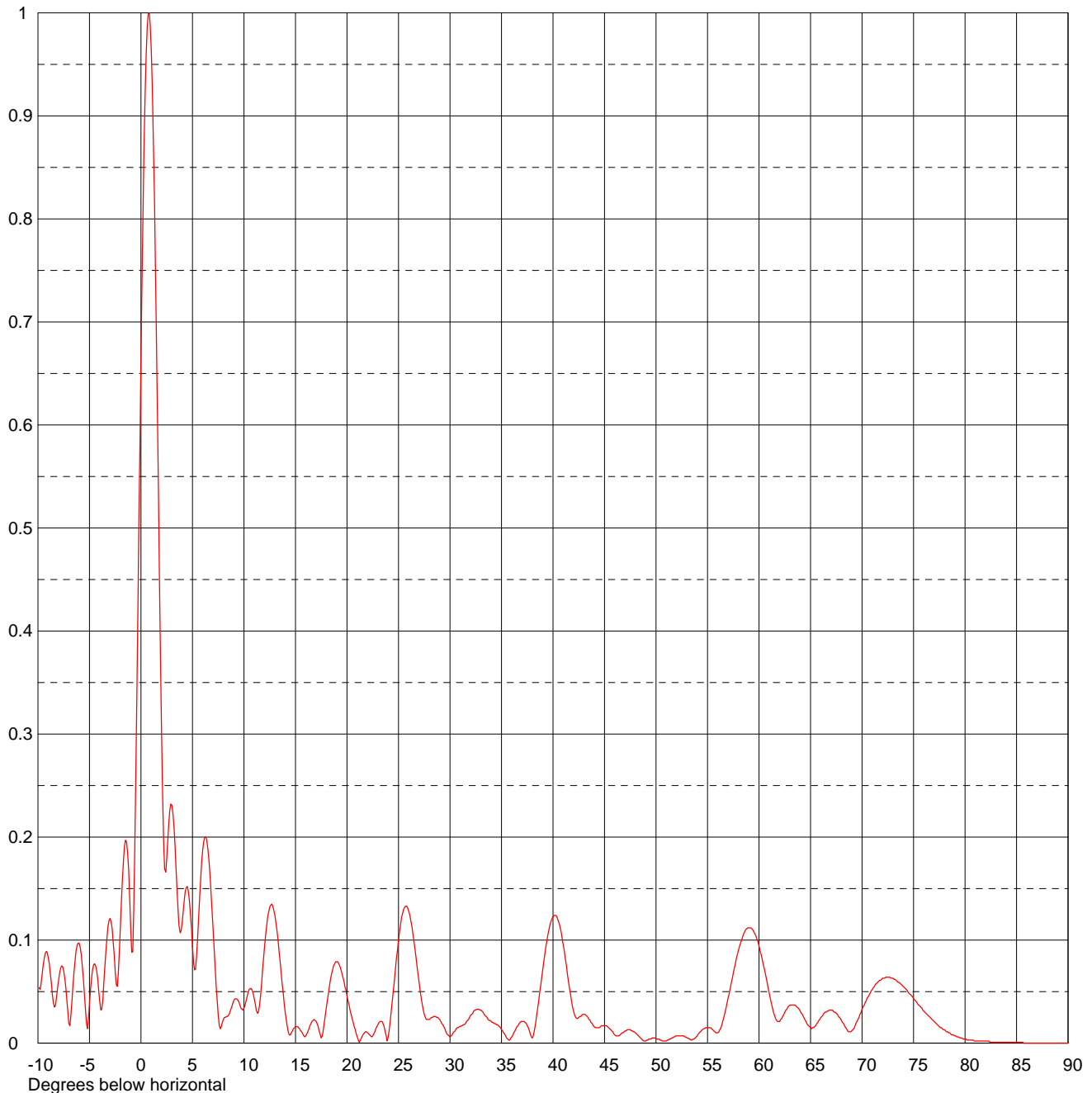
Frequency

**677.00 MHz**

Calculated / Measured

**Calculated**

Drawing #

**32B320075-90**

Remarks:



Proposal Number  
 Date **29 Jun 2005**  
 Call Letters **WCIA-DT** Channel **48**  
 Location **Champaign, IL**  
 Customer  
 Antenna Type **TFU-32DSB-R O3**

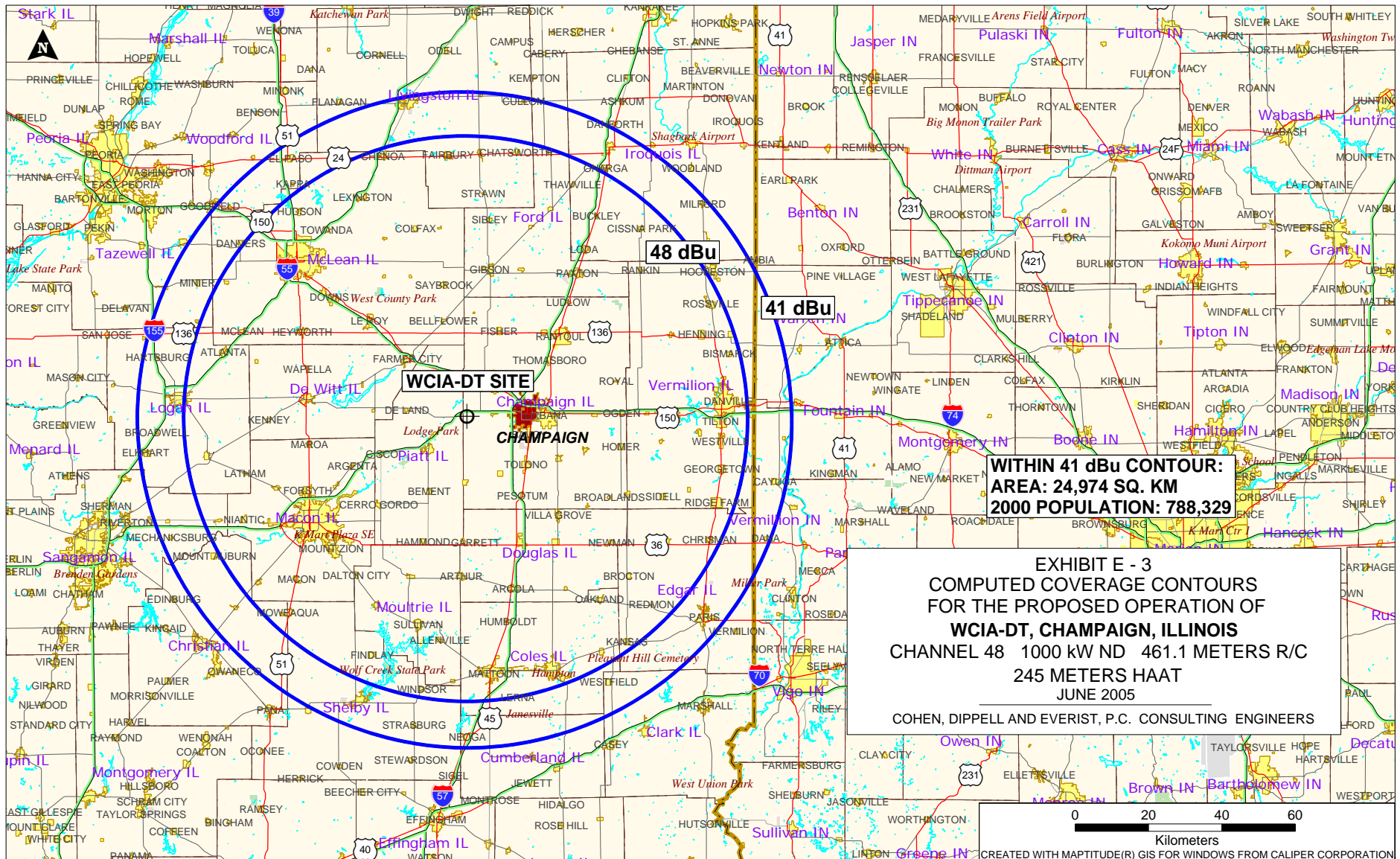
## TABULATION OF ELEVATION PATTERN

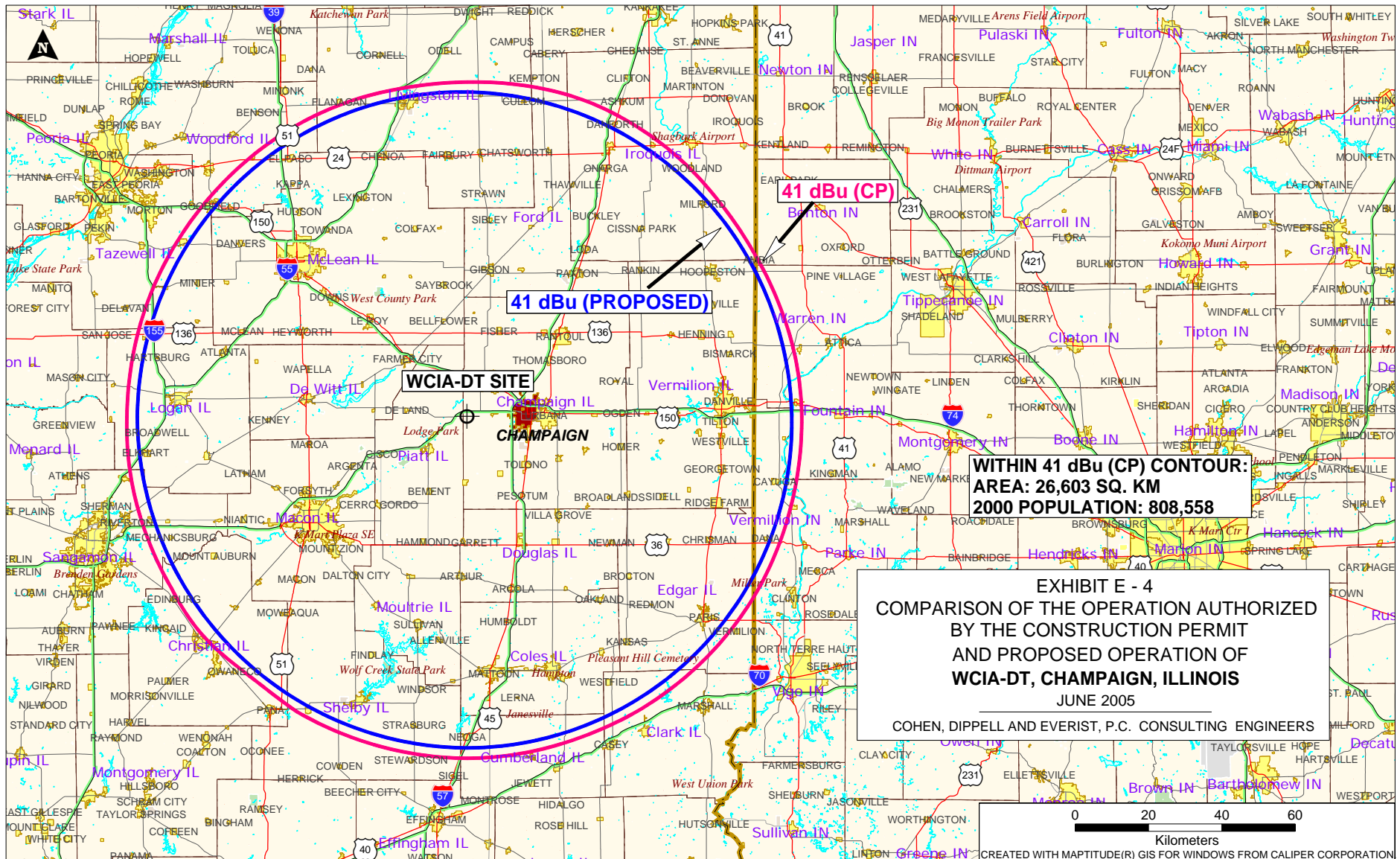
Elevation Pattern Drawing # **32B320075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.065	2.4	0.166	10.6	0.053	30.5	0.012	51.0	0.002	71.5	0.059
-9.5	0.075	2.6	0.197	10.8	0.051	31.0	0.016	51.5	0.005	72.0	0.063
-9.0	0.083	2.8	0.226	11.0	0.043	31.5	0.019	52.0	0.007	72.5	0.064
-8.5	0.039	3.0	0.231	11.5	0.036	32.0	0.027	52.5	0.007	73.0	0.063
-8.0	0.061	3.2	0.210	12.0	0.094	32.5	0.032	53.0	0.005	73.5	0.059
-7.5	0.070	3.4	0.171	12.5	0.132	33.0	0.032	53.5	0.003	74.0	0.055
-7.0	0.019	3.6	0.129	13.0	0.124	33.5	0.026	54.0	0.007	74.5	0.049
-6.5	0.069	3.8	0.107	13.5	0.080	34.0	0.021	54.5	0.013	75.0	0.043
-6.0	0.097	4.0	0.117	14.0	0.030	34.5	0.018	55.0	0.015	75.5	0.037
-5.5	0.049	4.2	0.139	14.5	0.008	35.0	0.013	55.5	0.013	76.0	0.031
-5.0	0.038	4.4	0.151	15.0	0.016	35.5	0.005	56.0	0.010	76.5	0.026
-4.5	0.077	4.6	0.147	15.5	0.012	36.0	0.006	56.5	0.022	77.0	0.021
-4.0	0.040	4.8	0.126	16.0	0.007	36.5	0.016	57.0	0.044	77.5	0.016
-3.5	0.075	5.0	0.094	16.5	0.019	37.0	0.021	57.5	0.068	78.0	0.013
-3.0	0.121	5.2	0.071	17.0	0.021	37.5	0.017	58.0	0.090	78.5	0.010
-2.8	0.111	5.4	0.084	17.5	0.005	38.0	0.005	58.5	0.106	79.0	0.007
-2.6	0.085	5.6	0.123	18.0	0.035	38.5	0.033	59.0	0.112	79.5	0.005
-2.4	0.057	5.8	0.161	18.5	0.067	39.0	0.071	59.5	0.108	80.0	0.004
-2.2	0.067	6.0	0.188	19.0	0.079	39.5	0.105	60.0	0.094	80.5	0.003
-2.0	0.113	6.2	0.200	19.5	0.068	40.0	0.123	60.5	0.073	81.0	0.002
-1.8	0.160	6.4	0.196	20.0	0.046	40.5	0.119	61.0	0.048	81.5	0.002
-1.6	0.191	6.6	0.177	20.5	0.024	41.0	0.095	61.5	0.027	82.0	0.002
-1.4	0.195	6.8	0.147	21.0	0.006	41.5	0.060	62.0	0.021	82.5	0.001
-1.2	0.168	7.0	0.111	21.5	0.007	42.0	0.031	62.5	0.030	83.0	0.001
-1.0	0.113	7.2	0.073	22.0	0.010	42.5	0.025	63.0	0.037	83.5	0.001
-0.8	0.089	7.4	0.040	22.5	0.007	43.0	0.028	63.5	0.037	84.0	0.001
-0.6	0.188	7.6	0.017	23.0	0.018	43.5	0.023	64.0	0.031	84.5	0.001
-0.4	0.339	7.8	0.016	23.5	0.019	44.0	0.016	64.5	0.022	85.0	0.001
-0.2	0.505	8.0	0.023	24.0	0.006	44.5	0.015	65.0	0.015	85.5	0.001
0.0	0.667	8.2	0.025	24.5	0.051	45.0	0.017	65.5	0.017	86.0	0.000
0.2	0.810	8.4	0.026	25.0	0.100	45.5	0.014	66.0	0.025	86.5	0.000
0.4	0.919	8.6	0.029	25.5	0.130	46.0	0.008	66.5	0.030	87.0	0.000
0.6	0.985	8.8	0.035	26.0	0.128	46.5	0.008	67.0	0.032	87.5	0.000
0.8	1.000	9.0	0.041	26.5	0.099	47.0	0.012	67.5	0.029	88.0	0.000
1.0	0.964	9.2	0.043	27.0	0.059	47.5	0.013	68.0	0.022	88.5	0.000
1.2	0.880	9.4	0.042	27.5	0.028	48.0	0.010	68.5	0.014	89.0	0.000
1.4	0.757	9.6	0.037	28.0	0.023	48.5	0.005	69.0	0.012	89.5	0.000
1.6	0.608	9.8	0.033	28.5	0.026	49.0	0.002	69.5	0.021	90.0	0.000
1.8	0.449	10.0	0.034	29.0	0.023	49.5	0.004	70.0	0.033		
2.0	0.301	10.2	0.041	29.5	0.014	50.0	0.004	70.5	0.044		
2.2	0.194	10.4	0.049	30.0	0.006	50.5	0.003	71.0	0.052		

Remarks:







### SECTION III-D - DTV Engineering

**Complete Questions 1-5 of the Certification Checklist and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.**

**Certification Checklist:** A correct answer of "Yes" to all of the questions below will ensure an expeditious grant of a construction permit. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.

1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:

- (a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622. ☐ Yes ☐ No
- (b) It will operate from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622. ☐ Yes ☐ No
- (c) It will operate with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622. ☐ Yes ☐ No
2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. ☐ Yes ☐ No

Applicant must **submit the Exhibit** called for in Item 13.

3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community. ☐ Yes ☐ No
4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable. ☐ Yes ☐ No
5. The antenna structure to be used by this facility has been registered by the Commission and will not require reregistration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7. ☐ Yes ☐ No

### SECTION III-D DTV Engineering

#### TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

#### TECH BOX

1. Channel Number: DTV \_\_\_\_\_ Analog TV, if any \_\_\_\_\_
2. Zone: ☐ I ☐ II ☐ III
3. Antenna Location Coordinates: (NAD 27)
- \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " ☐ N ☐ S Latitude  
\_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " ☐ E ☐ W Longitude
4. Antenna Structure Registration Number: \_\_\_\_\_
- ☐ Not applicable ☐ FAA Notification Filed with FAA
5. Antenna Location Site Elevation Above Mean Sea Level: \_\_\_\_\_ meters
6. Overall Tower Height Above Ground Level: \_\_\_\_\_ meters
7. Height of Radiation Center Above Ground Level: \_\_\_\_\_ meters
8. Height of Radiation Center Above Average Terrain: \_\_\_\_\_ meters
9. Maximum Effective Radiated Power (average power): \_\_\_\_\_ kW
10. Antenna Specifications:
- a. 

Manufacturer	Model
--------------	-------
- b. Electrical Beam Tilt: \_\_\_\_\_ degrees ☐ Not Applicable
- c. Mechanical Beam Tilt: \_\_\_\_\_ degrees toward azimuth \_\_\_\_\_ degrees True ☐ Not Applicable
- Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c). Exhibit No.
- d. Polarization: ☐ Horizontal ☐ Circular ☐ Elliptical

# TECH BOX

e. Directional Antenna Relative Field Values: ☐ Not applicable (Nondirectional)

Rotation: \_\_\_\_\_ ° ☐ No rotation

Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value	Degree	Value
0		60		120		180		240		300	
10		70		130		190		250		310	
20		80		140		200		260		320	
30		90		150		210		270		330	
40		100		160		220		280		340	
50		110		170		230		290		350	
Additional Azimuths											

If a directional antenna is proposed, the requirements of 47 C.F.R. Section 73.625(c) must be satisfied. **Exhibit required.**

Exhibit No.

11. Does the proposed facility satisfy the interference protection provisions of 47 C.F.R. Section 73.623(a)? (Applicable only if **Certification Checklist** Items 1(a), (b), or (c) are answered "No.") ☐ Yes ☐ No

If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.

Exhibit No.

12. If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefor. (Applicable only if **Certification Checklist** Item 3 is answered "No.")

Exhibit No.

13. **Environmental Protection Act. Submit in an Exhibit** the following:

Exhibit No.

- a. If **Certification Checklist** Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site.

By checking "Yes" to **Certification Checklist** Item 2, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.

If **Certification Checklist** Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R. Section 1.1311.

**PREPARER'S CERTIFICATION IN SECTION III MUST BE COMPLETED AND SIGNED.**

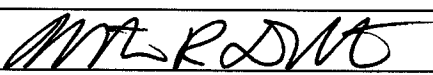
I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing	Typed or Printed Title of Person Signing
Signature	Date

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT  
(U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT  
(U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

### SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name Martin R. Doczkat	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature 	Date June 30, 2005	
Mailing Address Cohen, Dippell and Everist, P.C., 1300 L Street, NW, Suite 1100		
City Washington	State or Country (if foreign address) DC	ZIP Code 20005
Telephone Number (include area code) (202) 898-0111	E-Mail Address (if available) cde@attglobal.net	

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