

ENGINEERING STATEMENT
APPLICATION FOR A DTV CONSTRUCTION PERMIT
FOR REPLACEMENT TRANSLATOR
IN ACCORDANCE WITH FCC PUBLIC
COMMENCEMENT FOR NEW LOW-POWER TELEVISION
AND TV TRANSLATORS
TUSCALOOSA, ALABAMA
CHANNEL 42 1.14 KW MAX ERP 108.8 METERS RC/AMSL
MARCH 2010

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

City of Washington)
) ss
District of Columbia)

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 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. Everest
District of Columbia
Professional Engineer
Registration No. 5714

Subscribed and sworn to before me this 28th day of March, 2010.

~~Notary Public~~

My Commission Expires: 2/28/2013

COHEN, DIPPELL AND EVERIST, P. C.

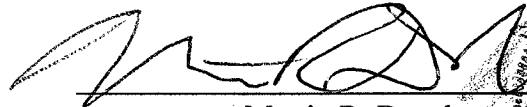
City of Washington)
) ss
District of Columbia)

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

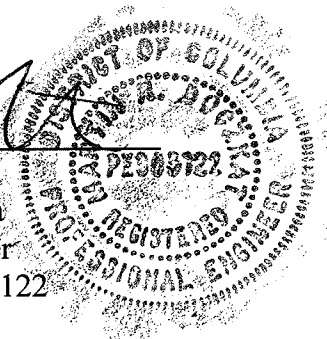
He is a graduate electrical engineer of the Pennsylvania State University, a Registered Professional Engineer in the District of Columbia, and is a staff engineer at Cohen, Dippell and Everist, P.C., Consulting Engineers, Radio - Television, with offices at 1300 L Street, N.W., Suite 1100, Washington,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

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

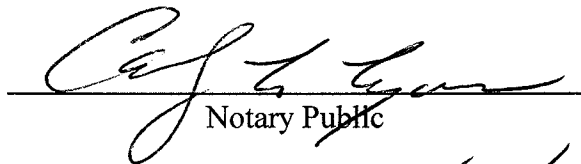
That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.



Martin R. Doczkat
District of Columbia
Professional Engineer
Registration No. PE905122

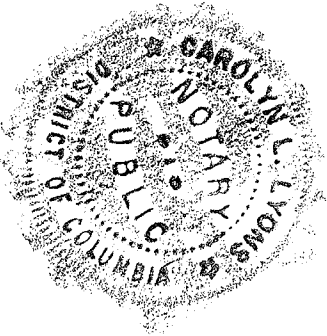


Subscribed and sworn to before me this 22nd day of March, 2010.



Notary Public

My Commission Expires: 2/28/2013



Introduction

This engineering statement has been prepared on behalf of NVT Birmingham Licensee, LLC, licensee of WIAT(TV), Birmingham, Alabama. This statement supports the licensee's request for a new DTV translator operation as a replacement service with a DTV effective radiated power ("ERP") of 1.14 kW at a radiation center above mean sea level ("RCAMSL") of 108.8 meters.

Transmitter Site

No significant alteration of the tower is proposed. The existing tower is located at 5535 15TH Avenue East, Tuscaloosa, Alabama. The geographic coordinates of the site follow below.

North Latitude: 33° 09' 00"

West Longitude: 87° 30' 00"

NAD-27

Elevation Data

Elevation of site above mean sea level	78.3 meters (257 feet)
Center of radiation of antenna above ground level	30.5 meters (100 feet)
Center of radiation of antenna above mean sea level	108.8 meters (357 feet)
Overall height of the tower above ground with appurtenances	42.1 meters (138 feet)
Overall height of the tower above mean sea level with appurtenances	120.4 meters (395 feet)

Antenna Structure Registration for the existing tower is not required. The existing tower is less than 200 feet and TOWAIR indicates that the structure does not require registration.

There are no airports within 8 km (5 miles) of the site specified herein.

A tower sketch has been included as Exhibit E-1.

Equipment Data

Transmitter:	Type-approved
Transmission Line:	Andrew, Type AVA7-50, 1-5/8", 61 meters (200 feet) with 78.2% efficiency [0.533 dB loss/100 ft]
Antenna:	Kathrein-Scala, 2x1 K723147 with maximum gain of 14.63 dB and 3° electrical beam tilt. Antenna pattern information is provided in Exhibit E-2
Transmission Mask:	Simple

Power Data

Transmitter:	0.05 kW	-13.01 dBk
Transmission Line Efficiency/Loss:	78.2%	1.07 dB
Input Into Antenna:	0.039 kW	-14.08 dBk
Antenna Gain:	29.04	14.63 dB
ERP:	1.14 kW	0.55 dBk

As indicated above, the transmitter with typical power output of 50 watts will deliver 39 watts to the input of the antenna. The antenna, having a maximum gain of 14.63 dB and an electrical beam tilt of 3°, will produce maximum ERP of 1.14 kW.

Interference Analysis

A study of predicted interference caused by the proposed new low-power digital operation has been performed using the Longley-Rice program for which the source data has been posted by the Commission on its website at http://www.fcc.gov/oet/dtv/dtv_apps.html. The FCC's FORTRAN-77 code was modified only to the extent necessary (primarily input/output handling) for the program to run on a Microsoft Windows XP platform. Comparison of service/interference areas and population indicates this model closely matches the FCC's digital low-power TV/translator evaluation program. Best efforts have been made to use data and calculation identical to the FCC's program. The model employs the Longley-Rice propagation methodology and evaluates in grid cells of approximately 1 sq. km. Using 3-second terrain data sampled approximately every 1.0 km at one-degree azimuth intervals with 2000 census centroids, all studies are based upon data in the current CDBS database update of the FCC's engineering database. A Longley-Rice study was performed with the proposed new low-power digital facilities and all relevant stations listed in the FCC data base as of January 13, 2010. The study results and the included stations are listed in Table I.

Predicted Coverage

A coverage map of the proposed facility has been included as Exhibit E-3 of this report. Exhibit E-4 depicts the predicted replacement translator service contour in relation to the

predicted analog Grade B (64 dBu F(50,50)) contour and the licensed DTV predicted 41 dBu contour.

The area proposed to be served by this replacement translator covers the basic area that the station reports that replication of the previous analog coverage has not been achieved.

Other Broadcast Facilities

A brief analysis was completed to determine the presence of stations in the vicinity of the existing tower using the December 9, 2009 data contained within the Commission's Consolidated Database System ("CDBS"). Within 500 meters of the proposed site, there are no authorized FM radio stations or television stations other than the proposed operation. There are no AM facilities within 3.2 km of the existing tower. Although no adverse technical affects are expected due to the proposed changes, the licensee will take measures to resolve any problems proven to be related to the changes proposed in this application.

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 licensee will install filters or take other measures as necessary to resolve the problem.

FCC Rule, Section 1.1307

The proposed 1.14 kW directional operation will utilize a Kathrein-Scala, Type 2x1 K723147 antenna (or equivalent) described above with a center of radiation above ground of 30.5 meters. The proposed antenna is side-mounted on a steel lattice tower with an overall height of 42.1 meters above ground.

The proposed operation based upon the current OET Bulletin No. 65, Edition 97-01 dated August 1997 and Supplement A meets the provisions of the FCC radiofrequency field ("RFF") guidelines, and thus, complies with Section 1.1307 of the FCC Rules. The elevation pattern for the Kathrein-Scala, Type 2x1 K723147 antenna, Exhibit E-2, shows a maximum relative field of less than 0.15 toward the ground (30° to 90° below the horizontal). Calculation according to OET Bulletin 65 predicts a maximum RFF power density of less than 1.1 $\mu\text{W}/\text{cm}^2$, 2 meters above ground or less than 0.3% of the uncontrolled Maximum Permissible Exposure ("MPE") guideline.

The entrance to the site is blocked by locked access.

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 or near the tower. Workers and the general public, therefore, will not be subjected to RFF levels in excess of the current FCC guidelines.

Environmental Assessment

An environmental assessment ("EA") is categorically excluded under Section 1.1306 of the FCC Rules and Regulations as the tower was constructed prior to the requirements specified in WT Docket No. 03-128 and the applicant indicates:

- (a)(1) The existing tower is not located in an officially designated wilderness area.
- (a)(2) The existing tower is 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 located on a tower which was built prior to the adoption of WT Docket No. 03-128 and is grandfathered and has not affected any known districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture.
- (a)(5) The existing tower is not located near any known Indian religious sites.
- (a)(6) The existing tower is not located in a flood plain.
- (a)(7) The installation of the DTV facilities on an existing guyed 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 contained in OET Bulletin No. 65, Edition 97-01, dated August 1997 and Supplement A.

ABOVE GROUND

ABOVE MEAN SEA LEVEL

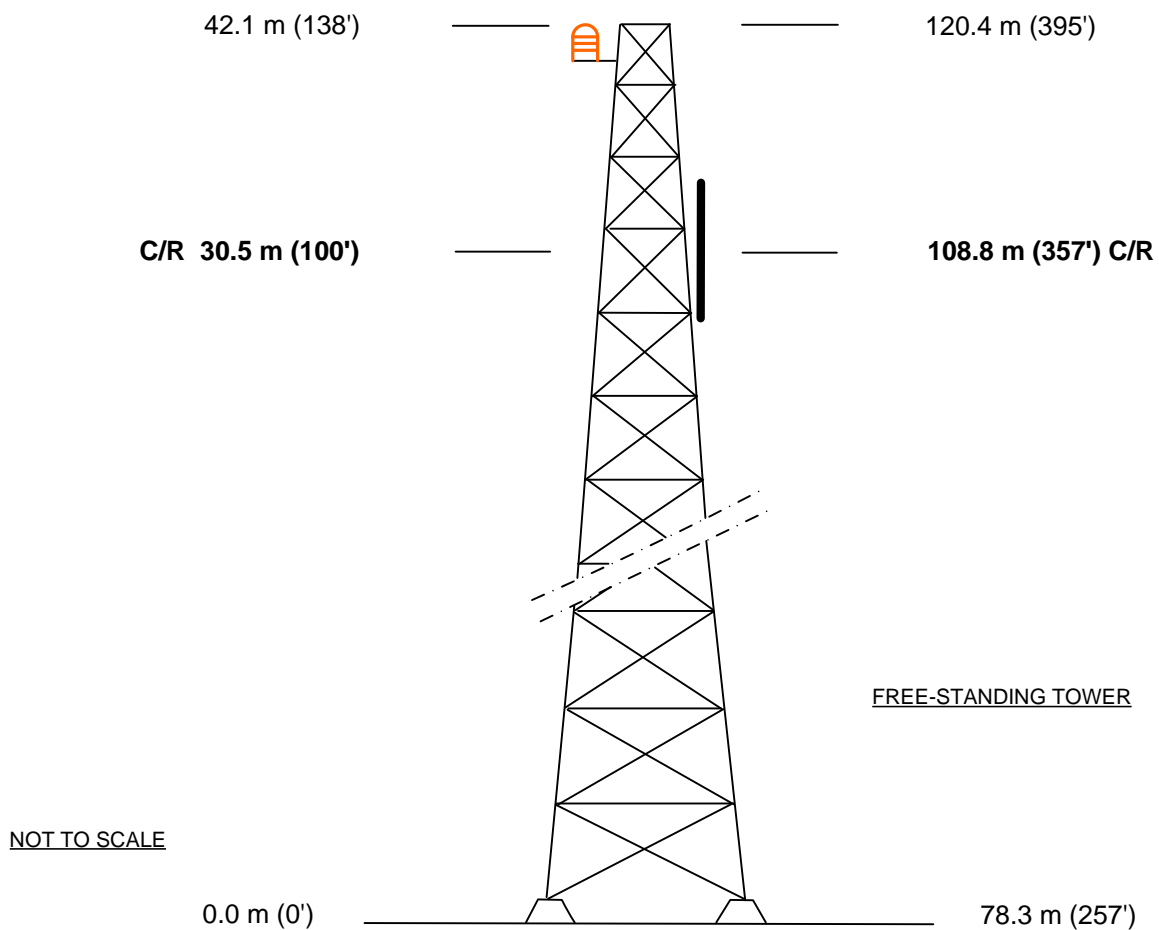


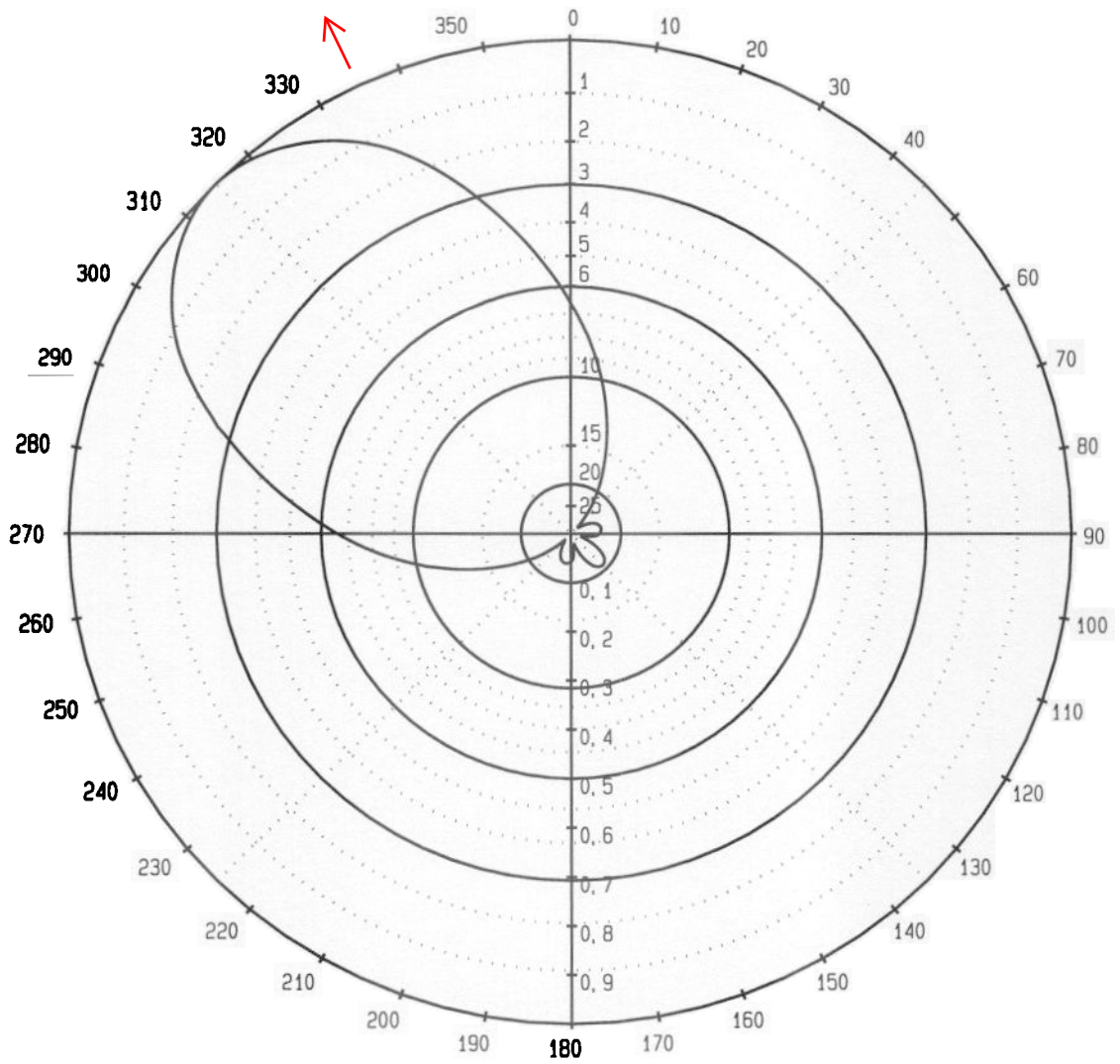
EXHIBIT E - 1
VERTICAL SKETCH
FOR THE PROPOSED NEW
DTV TRANSLATOR OPERATION IN
TUSCALOOSA, ALABAMA
MARCH 2010

COHEN, DIPPELL AND EVERIST, P.C.

EXHIBIT E-2

ANTENNA MANUFACTURER DATA

WIAT(TV), BIRMINGHAM, ALABAMA



frequency in MHz 639.250
 down-tilt in ° .0
 max / mean in dB 7.46

WIAT TV

SCALA Medford Oregon	2 x 1 K723147 Array CH 42	Typ Nr.
MB 17.12. 9 15: 25	3 deg down tilt	Bl.:

simulation with typical exactness of +/- 8% of max signal

Azimuth Radiation Pattern in % and dB at downtilt: .0

f = 639.250MHz

azimuth	%	dB	azimuth	%	dB
0	46.8	-6.6	180	5.7	-24.9
5	40.2	-7.9	185	6.0	-24.4
10	33.3	-9.5	190	6.1	-24.3
15	27.0	-11.4	195	6.0	-24.4
20	21.2	-13.5	200	5.6	-25.0
25	16.0	-15.9	205	5.0	-26.0
30	11.7	-18.6	210	4.0	-28.0
35	8.0	-21.9	215	3.0	-30.5
40	4.4	-27.1	220	2.0	-34.0
45	2.0	-34.0	225	2.0	-34.0
50	2.0	-34.0	230	4.4	-27.1
55	3.0	-30.5	235	8.0	-21.9
60	4.0	-28.0	240	11.7	-18.6
65	5.0	-26.0	245	16.0	-15.9
70	5.6	-25.0	250	21.2	-13.5
75	6.0	-24.4	255	27.0	-11.4
80	6.1	-24.3	260	33.3	-9.5
85	6.0	-24.4	265	40.0	-8.0
90	5.7	-24.9	270	46.8	-6.6
95	5.0	-26.0	275	54.0	-5.4
100	3.3	-29.7	280	61.9	-4.2
105	2.0	-34.0	285	70.0	-3.1
110	3.1	-30.1	290	78.4	-2.1
115	5.0	-26.0	295	86.0	-1.3
120	6.6	-23.6	300	91.8	-.7
125	8.0	-21.9	305	96.0	-.4
130	8.8	-21.2	310	98.9	-.1
135	9.0	-20.9	315	100.0	.0
140	8.8	-21.2	320	98.9	-.1
145	8.0	-21.9	325	96.0	-.4
150	6.6	-23.6	330	91.8	-.7
155	5.0	-26.0	335	86.0	-1.3
160	3.1	-30.1	340	78.4	-2.1
165	2.0	-34.0	345	70.0	-3.1
170	3.3	-29.8	350	61.9	-4.2
175	5.0	-26.0	355	54.0	-5.4
180	5.7	-24.9	360	46.8	-6.6

maximum fieldstrength was found at:

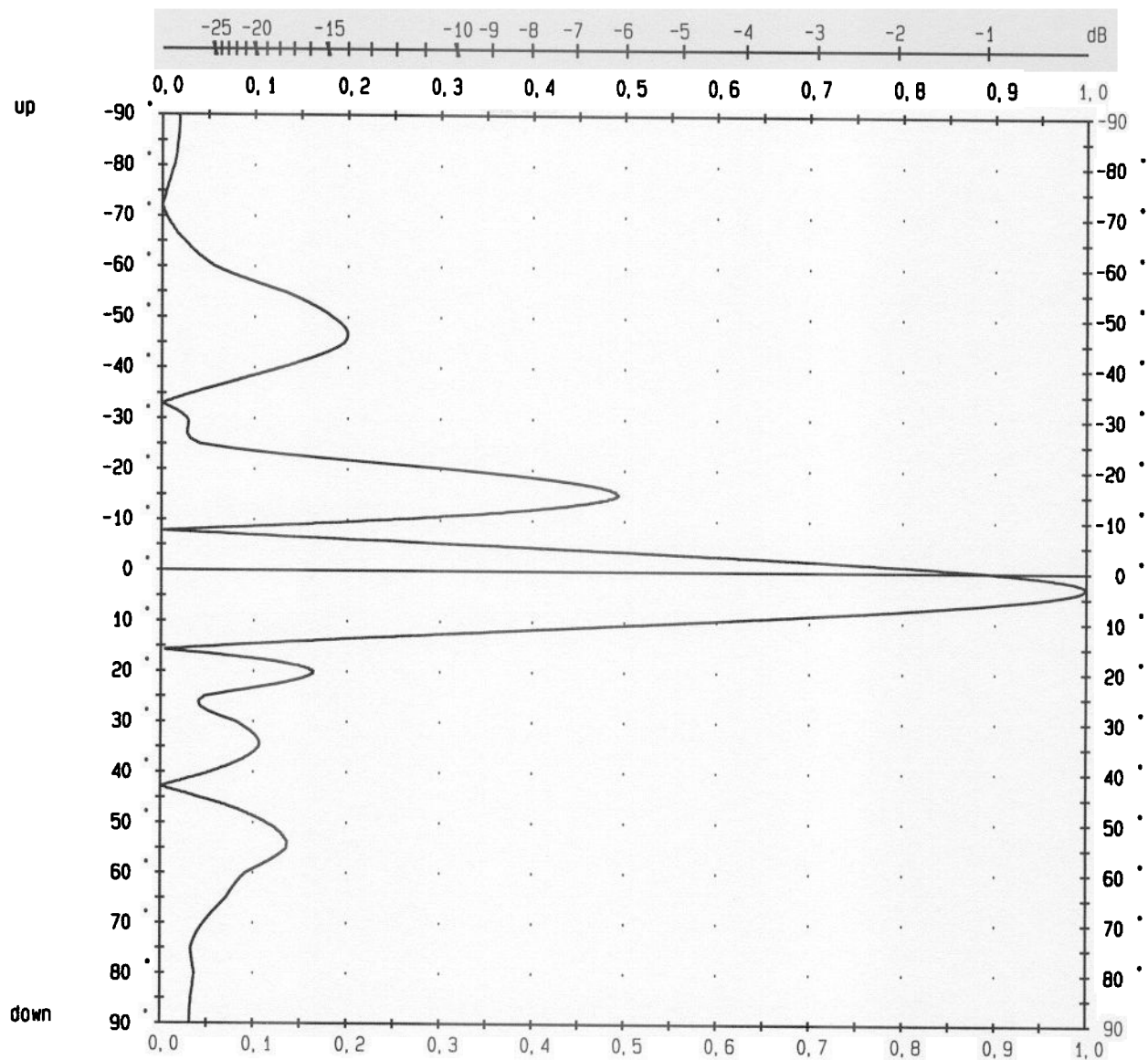
azimuth 315.

downtilt 0.

WIAT TV

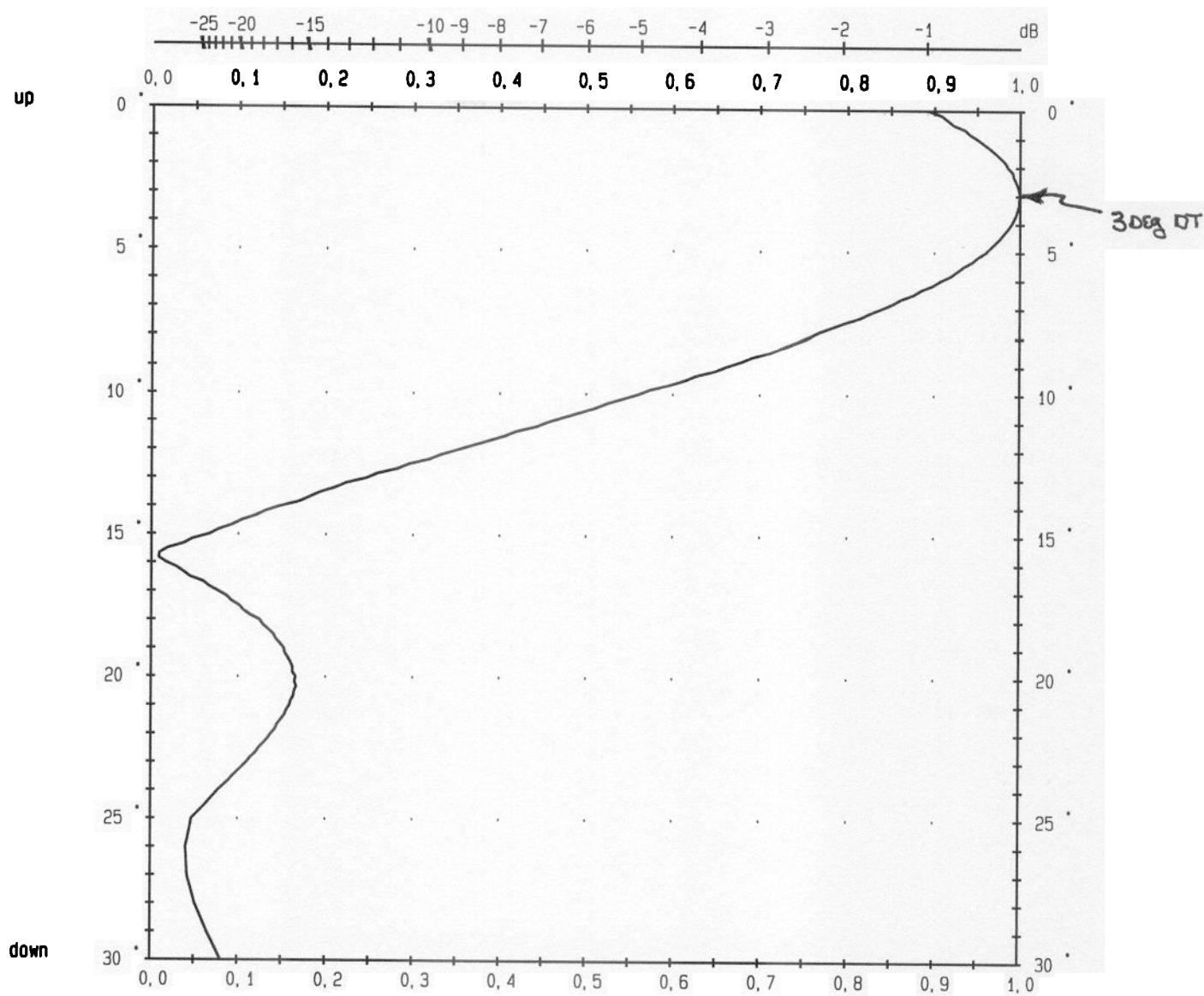
S C A L A Medford Oregon	2 x 1 K723147 Array CH 42 3 deg down tilt	Typ Nr.
		81.:

MB 17.12. 9 15:25



WIAT TV

S C A L A Medford Oregon	2 x 1 K723147 Array CH 42	Typ Nr.
MB 17.12. 9 15:24	3 deg down tilt	Bl.:



frequency in MHz 639.250
azimut in ° 315.0
omni-dir in dBd

WIAT TV

S C A L A Medford Oregon MB 17.12. 9 15: 25	2 x 1 K723147 Array CH 42 3 deg down tilt	Typ Nr.
		B1.:

Dimensions and Feeding of Antenna System

antenna type: vertical p P10045SS0048SS0106P10172ST0170

operating f in MHz : 639.250 .000 .000 .000 .000
operating channels : 42 0 0 0 0
database f in MHz : 650
max. azimuth angle 180 max. declination 90 cable design frequency: 639.250 MHz
compensation in % 50.02 .00 .00 .00 .00

bay height	v-feed	power	cab-ph	fix-ph	panel	azipos	azidir	radius	tanoff	radoff	tilt	power	cab-ph	fix-ph
2	1150	1.0	60	0	1	315.0	315.0	165.0	.0	.0	.0	1.0	0	0
bay height	v-feed	power	cab-ph	fix-ph	panel	azipos	azidir	radius	tanoff	radoff	tilt	power	cab-ph	fix-ph
1	0	1.0	0	0	1	315.0	315.0	165.0	.0	.0	.0	1.0	0	0

Directivity from HRP and zoomed VRP

operating f in MHz : 639.250 .000 .000 .000 .000
operating channel : 42 0 0 0 0
HRP max/mean in dB : 7.46 .00 .00 .00 .00
VRP omnidir in dB : 7.17 .00 .00 .00 .00
directivity in dB : 14.63 .00 .00 .00 .00
harness losses : .00 .00 .00 .00 .00
✂ gain in dB : 14.63 .00 .00 .00 .00

allow +/-0.5 dB tolerance for pattern variations

harness parameters at cable design frequency:

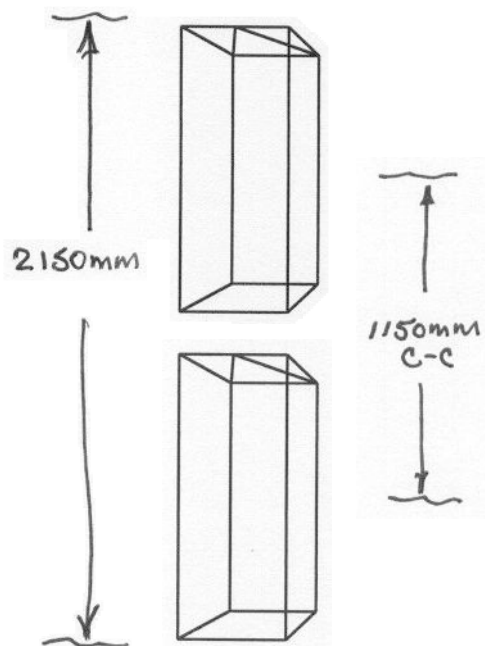
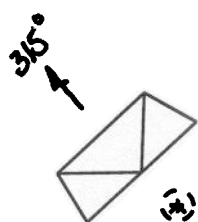
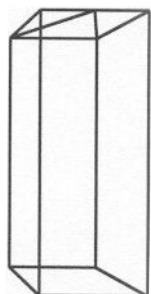
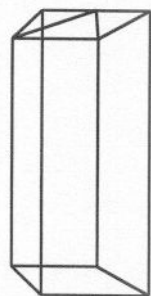
bay feeder : .0 m 3AA004 (a = .00 dB)

antenna cable: .0 m 3AA004 (a = .00 dB)

WIAT TV

SCALA Medford Oregon	2 x 1 K723147 Array CH 42 3 deg down tilt	Typ Nr.
		B1.:

MB 17.12. 9 15:25



1 meter

mast size in mm 100. direction 0.
offset north 0. east 0.

WIAT TV

S C A L A Medford Oregon	2 x 1 K723147 Array CH 42	Typ Nr.
MB 17.12. 9 15:25	3 deg down tilt	Bl.:

COHEN, DIPPELL AND EVERIST, P.C.

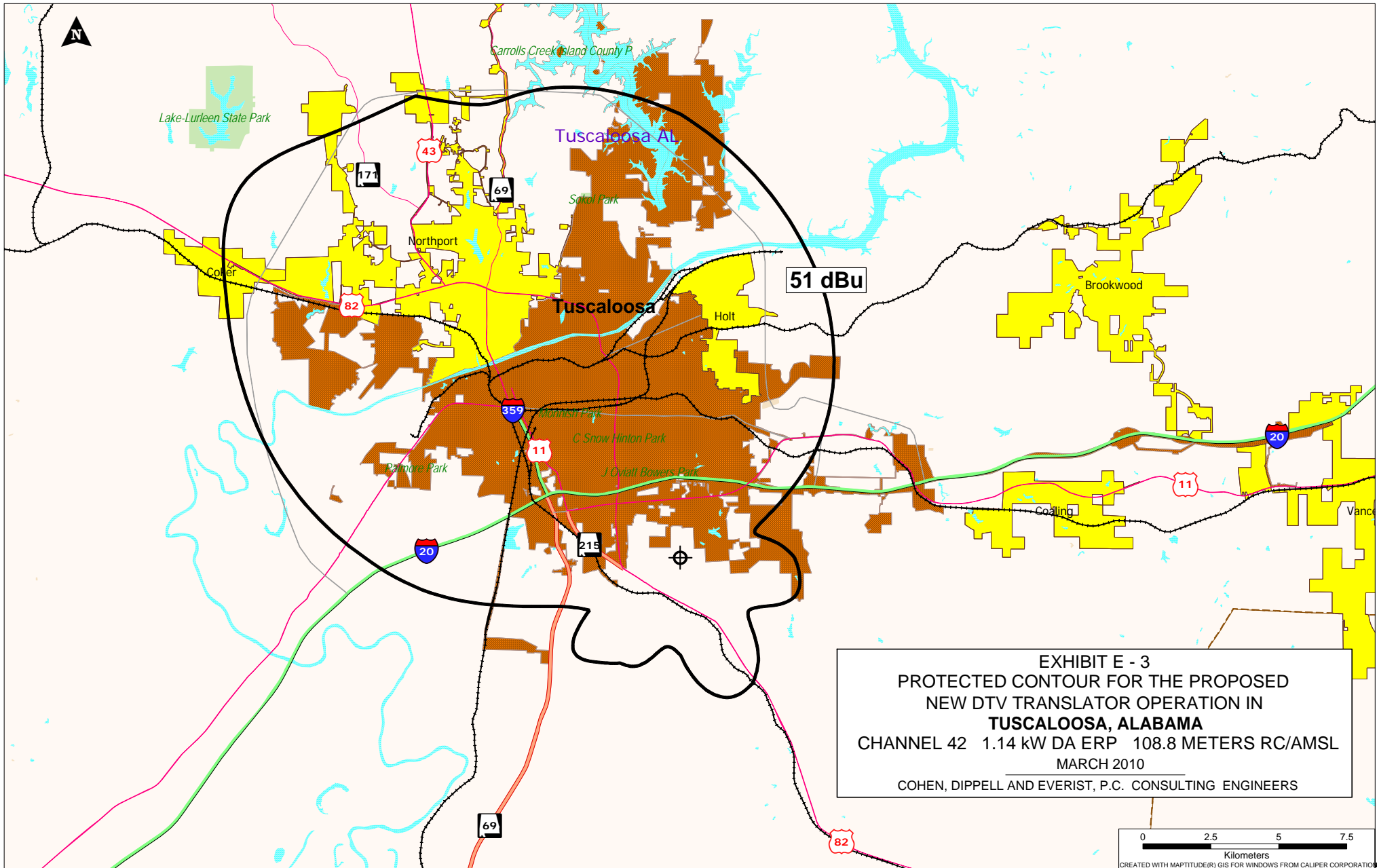
TABLE I
LONGLEY-RICE INTERFERENCE ANALYSIS
FOR THE PROPOSED NEW DTV TRANSLATOR IN
TUSCALOOSA, ALABAMA
CHANNEL 42 1.14 KW DA ERP 108.8 METERS RCAMSL
MARCH 2010

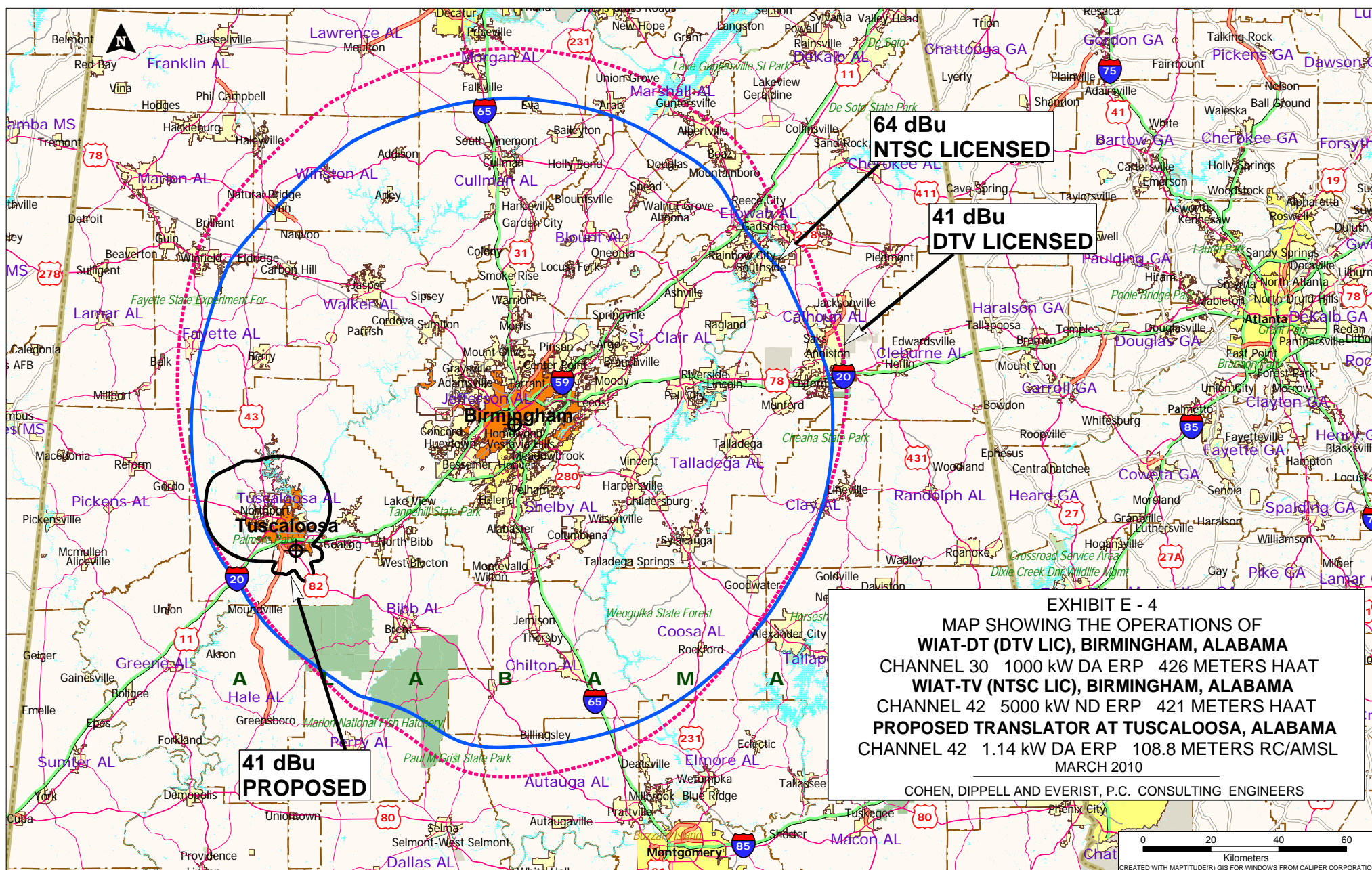
<u>Channel</u>	<u>Call</u>	<u>City/State</u>	<u>Dist(km)</u>	<u>Status</u>	<u>FCC File No.</u>	<u>Result</u>
27	WCQT-LP	CULLMAN AL	128.7	LIC	BLTTL-20050125AHL	0.00%
28	WBUN-CA	BIRMINGHAM AL	71.4	LIC	BLTTL-19990105JD	0.00%
38	WBMG-LP	MOODY AL	105.6	LIC	BLTTL-19970804JG	0.00%
39	WETU-LP	WETUMPKA AL	139.9	LIC	BLTTL-19970206JC	0.00%
39	W39CD	FULTON MS	123	LIC	BLTTA-20090811ABQ	0.00%
39	W39CD	FULTON MS	123	STA	BSTA-20050228ADW	0.00%
41	WZDX	HUNTSVILLE AL	197.6	CP	BPCDT-20080619AJV	No interference
42	WMOE-LD	MOBILE AL	280.7	CP	BDCCDTL-20061030AOM	No interference
42	W45BL	MONTGOMERY AL	141.5	APP	BPTTL-20020723ABK	No interference
42	WAKA	SELMA AL	130	CP MO	BMPCDT-20080620ABG	No interference
42	NEW	CHATTAHOOCHEE FL	373.1	APP	BNPDTL-20090825ACV	No interference
42	NEW	PANAMA CITY FL	369.3	APP	BNPDTL-20090825BWZ	No interference
42	NEW	PONCE DE LEON FL	297.7	APP	BNPDTL-20090825AVC	No interference
42	NEW	WEWAHITCHKA FL	402.4	APP	BNPDTL-20090825BQY	No interference
42	WTHC-LD	ATLANTA GA	296.4	LIC	BLDTL-20060511ABF	No interference
42	NEW	COLUMBUS GA	253.6	APP	BNPTTL-20000831BEQ	No interference
42	NEW	LA GRANGE GA	214	APP	BNPDTL-20090825ARL	No interference
42	W69DO	MACON GA	369.8	APP	BPTTL-20020627AAM	0.00%
42	NEW	WARNER ROBINS GA	370.2	APP	BNPDTL-20090825ADR	0.00%
42	W42CY	GREENVILLE MS	322.1	LIC	BLTT-20051021AGT	0.00%
42	W42CW	HATTIESBURG MS	271.7	CP	BPTTL-20090824AMJ	No interference
42	W42CW	HATTIESBURG MS	271.7	LIC	BLTTL-20070621ARK	No interference
42	W42DD	MERIDAN MS	144.7	CP	BPTTL-20090511BAT	No interference
42	W42DD	MERIDAN MS	144.7	LIC	BLTTL-20090311ABL	No interference
42	NEW	MERIDIAN MS	144.7	APP	BNPDTL-20090918ACE	No interference
42	NEW	ALBANY NY	354.4	APP	BNPDTL-20090914ACL	No interference
42	WFLI-TV	CLEVELAND TN	306.8	LIC	BLCDT-20050808AGH	No interference
42	WJTD-LP	JACKSON TN	303.4	LIC	BLTTL-20070320ANN	No interference
42	W42BY	MEMPHIS TN	322.8	LIC	BLTTL-19980629JE	No interference
43	WMJN-LP	DECATUR AL	164.4	LIC	BLTTA-20020711AAH	0.00%

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CHANNEL 42 1.14 KW DA ERP 108.8 METERS RCAMSL
MARCH 2010

<u>Channel</u>	<u>Call</u>	<u>City/State</u>	<u>Dist(km)</u>	<u>Status</u>	<u>FCC File No.</u>	<u>Result</u>
43	WBMG-LP	MOODY AL	105.6	CP	BDCCDTL-20061030ANM	No interference
43	WMJN-LP	SOMERVILLE AL	164.4	APP	BSTA-20060201ACN	0.00%
43	WMAA	COLUMBUS MS	135	CP MO	BMPEDT-20020611ABI	No interference
46	W46DK	BIRMINGHAM AL	74.3	LIC	BLTT-20030311AIA	0.00%
46	W46DF	HAMILTON AL	107.3	LIC	BLTTL-20030523AHP	0.00%
46	W46BU	TUSCALOOSA AL	11.6	LIC	BLTT-19930202ID	No interference
49	W49AY	BIRMINGHAM AL	74.1	LIC	BLTTL-19920218JN	0.00%





Section III - Engineering (Digital)

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: _____
2. Translator Input Channel No. _____
3. Station proposed to be rebroadcast:

Call Sign	City	State	Channel
-----------	------	-------	---------

4. Antenna Location Coordinates: (NAD 27)

_____ ° _____ ' _____ " ☐ N ☐ S Latitude
_____ ° _____ ' _____ " ☐ E ☐ W Longitude

5. Antenna Structure Registration Number: _____

☐ Not applicable ☐ See Explanation in Exhibit No. ☐ FAA Notification Filed with FAA

6. Antenna Location Site Elevation Above Mean Sea Level: _____ meters
7. Overall Tower Height Above Ground Level: _____ meters
8. Height of Radiation Center Above Ground Level: _____ meters
9. Maximum Effective Radiated Power (ERP): _____ kW
10. Transmitter Output Power: _____ kW

11. a. Transmitting Antenna: ☐ Nondirectional ☐ Directional ☐ Directional composite

Manufacturer	Model
--------------	-------

- b. Electrical Beam Tilt: _____ degrees ☐ Not applicable

c. Directional Antenna Relative Field Values:

Rotation: _____ ° ☐ No rotation ☐ N/A (Nondirectional)

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											

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

12. **Out-of-Channel Emission Mask:** Simple ☐ Stringent ☐

CERTIFICATION

13. **Interference.** The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030. ☐ Yes ☐ No

See Explanation in Exhibit No.

14. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (*i.e.*, the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance. An **Exhibit is required.** ☐ Yes ☐ No

See Explanation in Exhibit No.

Exhibit No.

By checking "Yes" above, 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.

15. **Channels 52-59.** If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable:

☐ The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available.

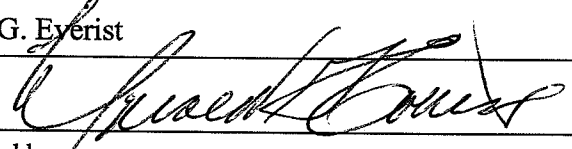
☐ Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licensees of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.

PREPARER'S CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.

16. **Channels 60-69.** If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable:

- ☐ Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application, all commercial wireless licensees of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees,
- ☐ Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreement(s) with 700 MHz public safety regional planning committee(s) and state frequency administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location.
- ☐ Pursuant to Section 74.786(e), an applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.

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 Donald G. Everist		Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature 		Date March 22, 2010	
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	

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).