

Exhibit 44 – Statement A
NATURE OF THE PROPOSAL
PROPOSED DIRECTIONAL ANTENNA
prepared for
Multimedia Holdings Corporation
WTLV(TV) Jacksonville, Florida
Facility ID 65046
Ch. 13 53.3 kW (MAX-DA) 290.7 m

Multimedia Holdings Corporation (“*Multimedia*”) is the licensee of analog station WTLV(TV), Channel 12, Jacksonville, Florida (see BMLCT-20040930AKX), and the companion pre and post-transition digital station, WTLV-DT, Channel 13 (see BLCDDT-20040421AAH). As the Commission is aware, WTLV-DT has experienced antenna problems that have been documented in the Special Temporary Authorization, BDSTA-20070521ADK¹. The antenna problems require that the WTLV-DT antenna be replaced. Accordingly, *Multimedia* filed an application seeking permission to employ a different replacement antenna (see BPCDDT-20081205AGG). Since the application was filed, structural studies were performed on the proposed WTLV replacement antenna and supporting pole. These studies found that the originally specified supporting pole’s weight created an unsound structural condition. It became necessary to specify a shorter supporting pole. Thus, the instant amendment specifies a reduced antenna height from that specified in the application so that a shorter, structurally sound, supporting pole can be utilized. A corresponding increase in effective radiated power (“ERP”) is also specified.

WTLV-DT is authorized to operate with a common antenna also employed by co-owned WJXX-DT, Channel 10, Facility ID 11893, Orange Park, Florida (see BLCDDT-20041102AEE). The common WTLV-DT/WJXX-DT antenna is supported by the existing WTLV(TV) analog antenna which is incapable of supporting the replacement antenna. The existing WTLV(TV) antenna must be removed in order to accommodate the replacement antenna. Based on information provided by a technical representative of *Multimedia*, the replacement antenna is now scheduled for delivery on February 16, 2009. Installation of the replacement antenna is expected to commence within a few days of antenna delivery. Therefore, ***expedited processing of the instant application is hereby respectfully requested on behalf of the applicant.***

¹ As extended by BEDSTA-20080212AAD.

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The proposed WTLV-DT antenna is a Dielectric THB-C3SP-3H/6HD1H-1-T that is directional in the horizontal plane with 0.6° of electrical beam tilt. A relative field pattern is provided in **Exhibit 44-Figure 1**. A tabulation of the antenna horizontal plane relative field data is provided in the “Tech Box” section 10 of the FCC Form 301. A depiction of the antenna vertical plane (elevation) relative field pattern is provided in **Exhibit 44-Figure 2**. The pertinent coverage contours are provided in **Exhibit 44-Figure 3**. As shown therein, the principal community of Jacksonville, Florida is completely encompassed by the proposed facility’s City Grade FCC coverage contour.

The existing WTLV-DT antenna is non-directional. The proposed antenna is directional to limit the signal over the ocean. As a result of the practical antenna pattern shape, a small loss area over land is predicted between the licensed WTLV-DT and the proposed facility. **Exhibit 44-Figure 4** provides a depiction of the FCC defined gain and loss areas using the Commission standard propagation method (“curves”). Since the Commission’s “curves” are not a reliable prediction of actual coverage, an alternative propagation method can be employed as permitted by the Commission’s Rules. In this case, a computer program based on the Commission’s OET Bulletin 69 (“OET-69”) Longley-Rice propagation method was employed in preparing the attached maps. Also for this study, the graphical output from the OET-69 computer program within the FCC-defined “coverage” area (the licensed WTLV-DT service contour) is displayed **Exhibit 44-Figures 5**. The blue tinted blocks (or cells) are those unique locations where the OET-69 study predicted no Channel 13 digital coverage (due to terrain or interference) from the licensed WTLV-DT operation. The green tinted blocks (cells) depict common areas where both the licensed non-directional and proposed directional antenna operations are predicted not to have coverage (due to terrain blockage or interference). Finally, the yellow tinted blocks (cells) depict unique areas where there is no predicted digital coverage from the proposed directional antenna operation (due to terrain blockage or interference).

The typical OET-69 study provides pertinent population data within the bounds of the respective facility service contours. The normal computer program output is as follows:

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<u>Facility</u>	<u>Interference-Free Population (2000 Census)</u>	<u>Percent Match to Appendix B Facility</u>
WTLV-DT Appendix B Reference Facility	1,381,000	--
WTLV-DT Licensed Facility (BLC DT-20040421AAH) post-transition	1,375,486	99.6%
WTLV(TV) Licensed Analog Facility (BMLCT-20040930AKX) pre-transition	1,266,329	91.7%
WTLV-DT Proposed Facility post-transition	1,392,639	100.8%

As shown above, the proposed WTLV-DT facility will cover 100.8% of those persons predicted to receive “*interference-free*” coverage when compared to the Appendix B population. In fact, the proposed WTLV-DT facility covers more people than the current analog facility. Accordingly, since the population coverage is in excess of 100%, FCC Form 301, Section III-D, Question 1(e) has been answered “yes”.

Since actual station coverage is not abruptly cutoff at the predicted service contour, the OET-69 computer program was adjusted to study a larger area than that bounded by the proposed facility’s service contour. In this case, the study area was graphically limited to within the licensed WTLV-DT facility’s service contour. The results from the post-transition study were employed as the basis of **Exhibit 44-Figure 5** and are provided in the following table:

<u>Facility</u>	<u>Unique Population Loss Due to Terrain Loss or Interference (2000 Census)</u>	<u>Common Population Loss Due to Terrain Loss or Interference (2000 Census)</u>	<u>Total Population Loss Due to Terrain Loss or Interference (2000 Census)</u>	<u>New Population Gain from Proposed Facility (2000 Census)</u>	<u>Percent Gain From Licensed Digital Contour Population</u>
WTLV-DT Licensed Facility	13,666 ²	14,966 ³	28,662	--	--
WTLV-DT Proposed Facility	8,977 ⁴	14,966 ³	23,973	4,689	0.3%

As shown above, an additional 0.3% in addition to those persons that currently are predicted to receive interference-free coverage within the licensed digital service contour will gain coverage from the proposed facility. Thus, 100% of the persons predicted to now receive “*interference-free*” service from WTLV-DT will continue to receive service.

² In Exhibit 44-Figure 5, the blue tinted cells.

³ In Exhibit 44-Figure 5, the green tinted cells.

⁴ In Exhibit 44-Figure 5, the yellow tinted cells.

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Concerns have been raised by Commission Staff regarding differences in coverage from the current WTLV(TV) analog operation and that proposed herein. **Exhibit 44-Figure 6** depicts the coverage contours of the licensed WTLV(TV) analog facility, the currently licensed WTLV-DT facility, and that of the proposed post-transition digital operation. The loss area between the WTLV(TV) analog Grade B contour and the service contour of the proposed WTLV-DT facility is depicted with yellow colored tinting. WTLV(TV) is an NBC network affiliate. The map also depicts the coverage in the predicted loss area of the digital and analog facilities for WESH(TV), Facility ID 25738, Daytona Beach, Florida, also an NBC network affiliate. As shown, WESH provides coverage in the predicted loss area. Thus, there is no loss of NBC service within the predicted loss area.

Interference studies, in accordance with OET-69, were performed to determine compliance with the currently stated new interference limit of 0.5%. A summary of the results of the OET-69 study for the proposed WTLV-DT facility are provided in the attached **Exhibit 44-Table I**. As demonstrated therein, new interference does not exceed the Commission's 0.5 percent interference. Thus, the instant proposal complies with the Commission's new interference limits. **Post-transition** OET-69 studies employed a **cell size of 2 km** and a **terrain increment of 0.85 km**. *It is respectfully requested that Commission Staff employ these parameters when performing confirming post-transition studies.*

The proposed WTLV-DT site is located more than 400 km from the nearest points on the Canadian and Mexican borders and does not require international coordination. The nearest FCC monitoring station is at Vero Beach, FL, at a distance of 308.9 km from the proposed site. This far exceeds the distance that would require consideration of the monitoring station. The proposed site is also located outside the area specified in §73.1030(a)(1). Thus, notification of the instant proposal to the National Radio Astronomy Observatory at Green Bank, West Virginia, is not required. There are no AM broadcast stations located within 3.2 km from the proposed site according to the Commission's engineering database.

Thus, this proposal is believed to be in compliance with the current Commission's Rules and policy with respect to allocation matters.

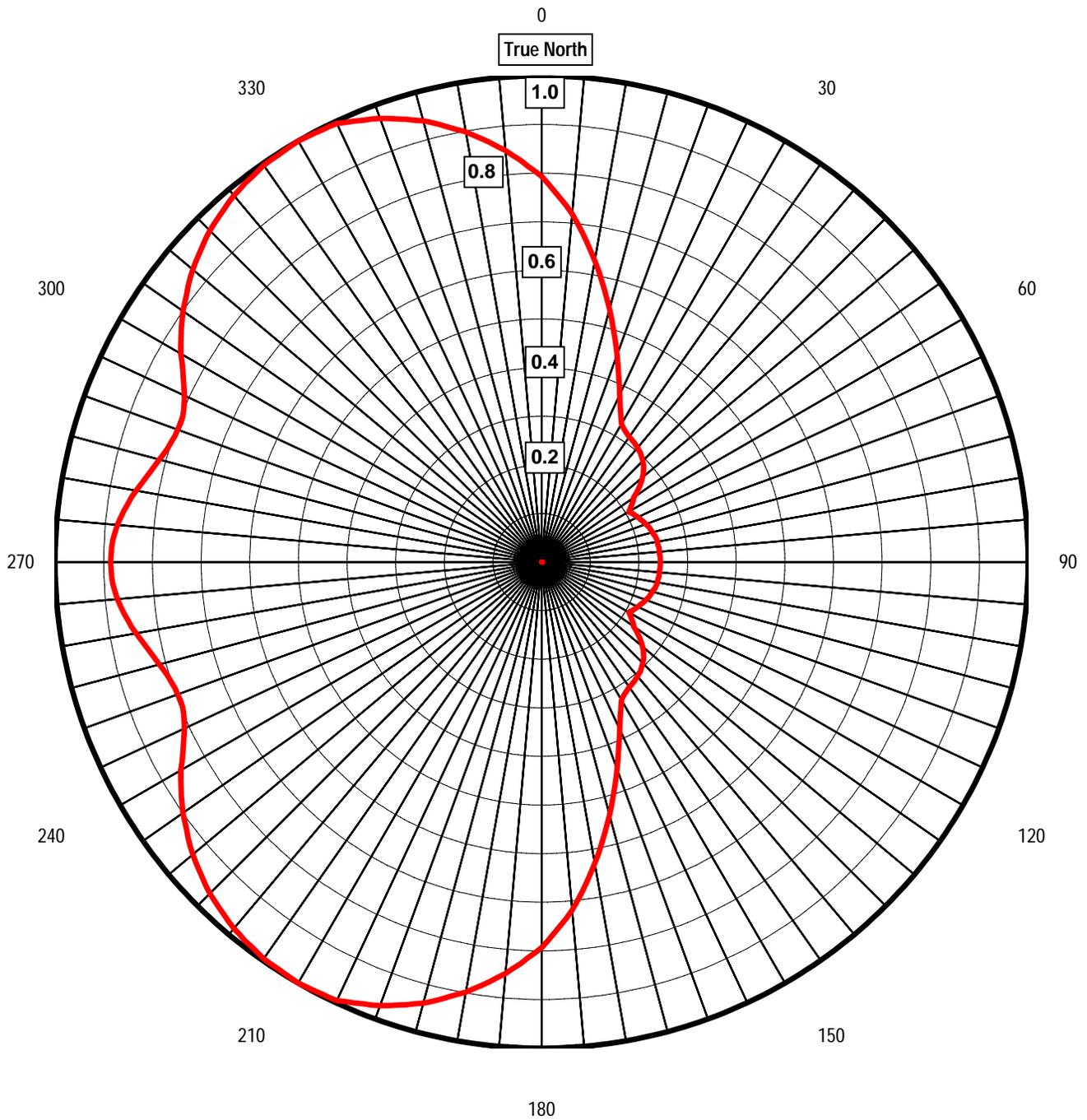


Exhibit 44-Figure 1
ANTENNA HORIZONTAL PLANE
RELATIVE FIELD RADIATION PATTERN

prepared February 2009 for

Multimedia Holdings Corporation

WTLV-DT Jacksonville, Florida

Facility ID 65046

Ch. 13 53.3 kW (MAX-DA) 290.7 m

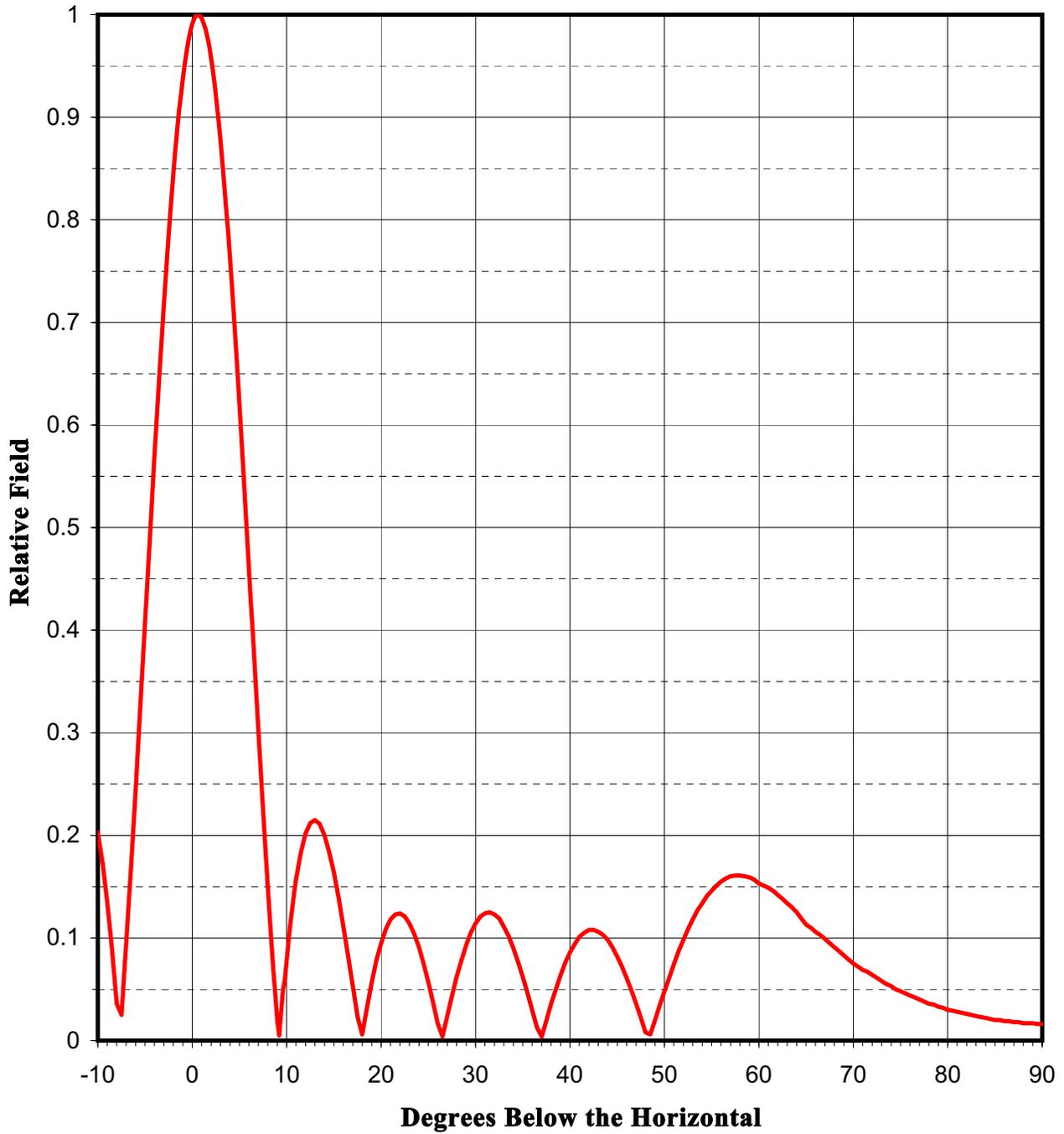
Cavell, Mertz & Associates, Inc.

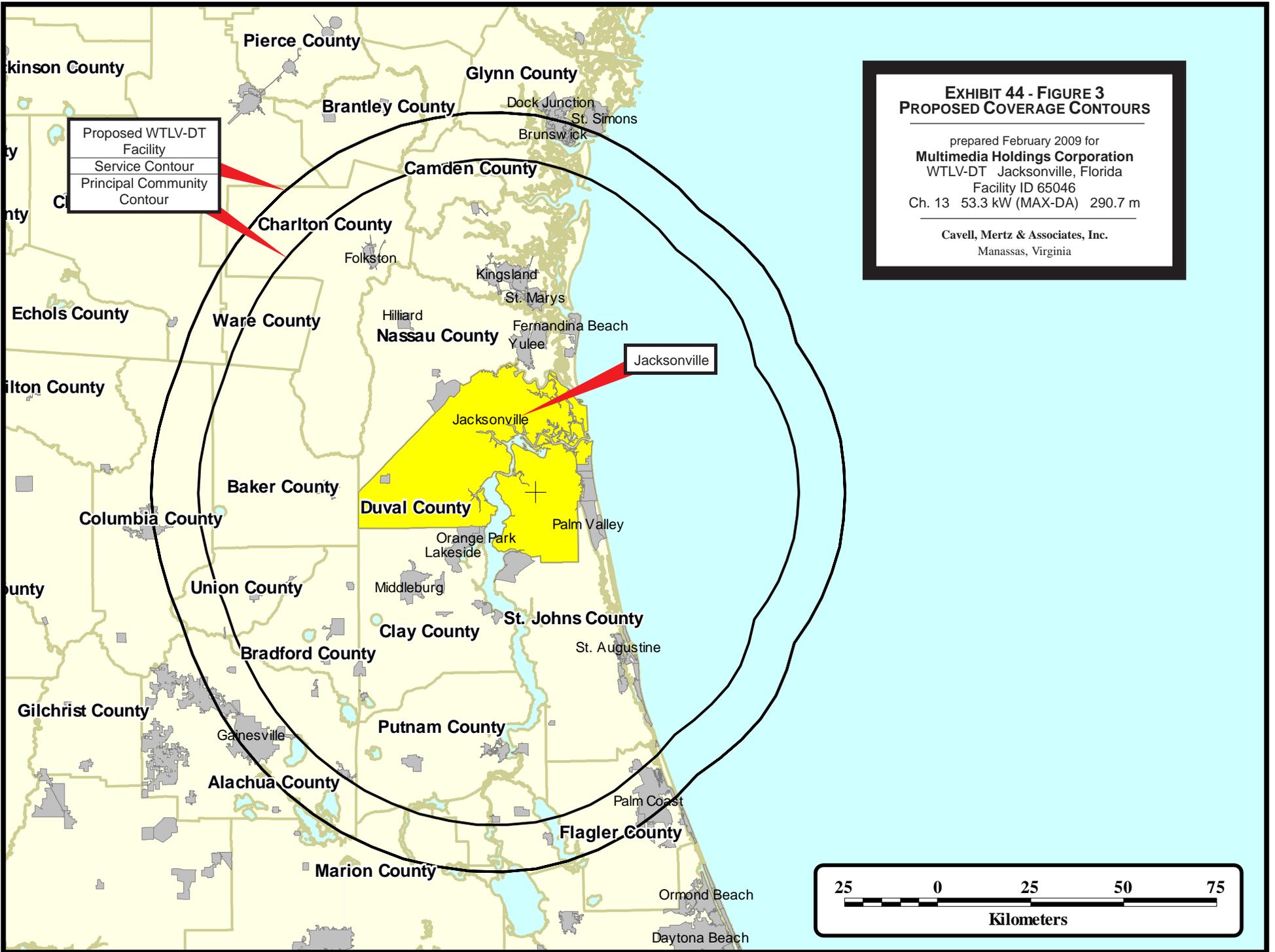
Manassas, Virginia

**EXHIBIT 44 - FIGURE 2
ANTENNA VERTICAL PLANE
(ELEVATION) RELATIVE FIELD PATTERN**

prepared February 2009 for
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WTLV-DT Jacksonville, Florida
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Cavell, Mertz & Associates, Inc.
Manassas, Virginia





kinson County

Pierce County

Glynn County

Brantley County

Dock Junction
St. Simons
Brunswick

Camden County

Charlton County

Folkston

Kingsland

St. Marys

Echols County

Ware County

Hilliard

Nassau County

Fernandina Beach
Yulee

ilton County

Jacksonville

Jacksonville

Baker County

Duval County

Palm Valley

Columbia County

Orange Park
Lakeside

ounty

Union County

Middleburg

St. Johns County

Clay County

St. Augustine

Bradford County

Gilchrist County

Putnam County

Gainesville

Alachua County

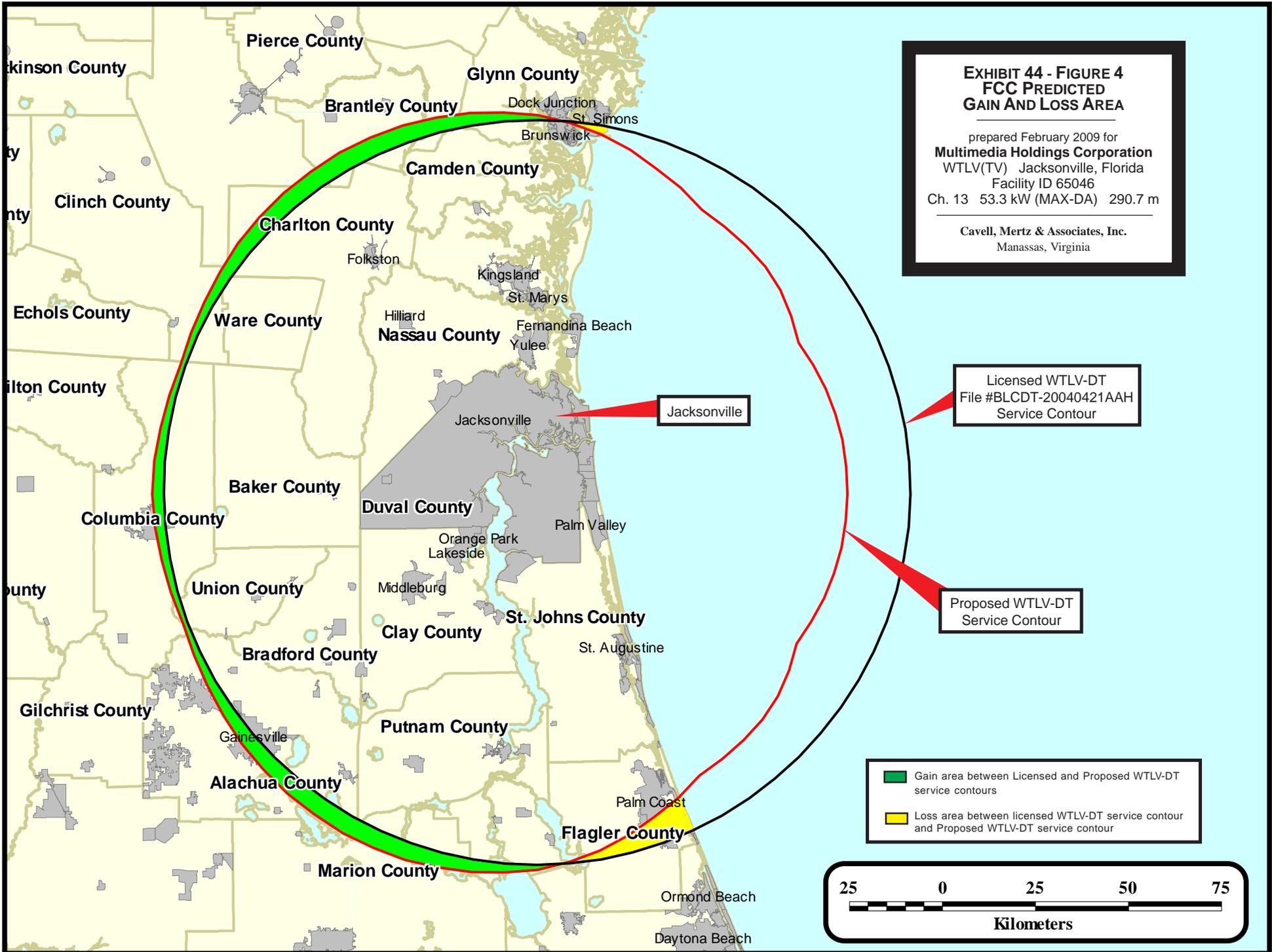
Palm Coast

Flagler County

Marion County

Ormond Beach

Daytona Beach



**EXHIBIT 44 - FIGURE 4
FCC PREDICTED
GAIN AND LOSS AREA**

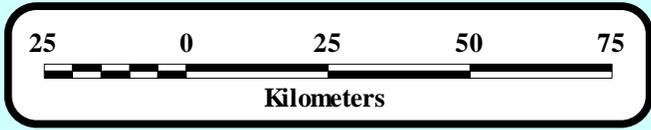
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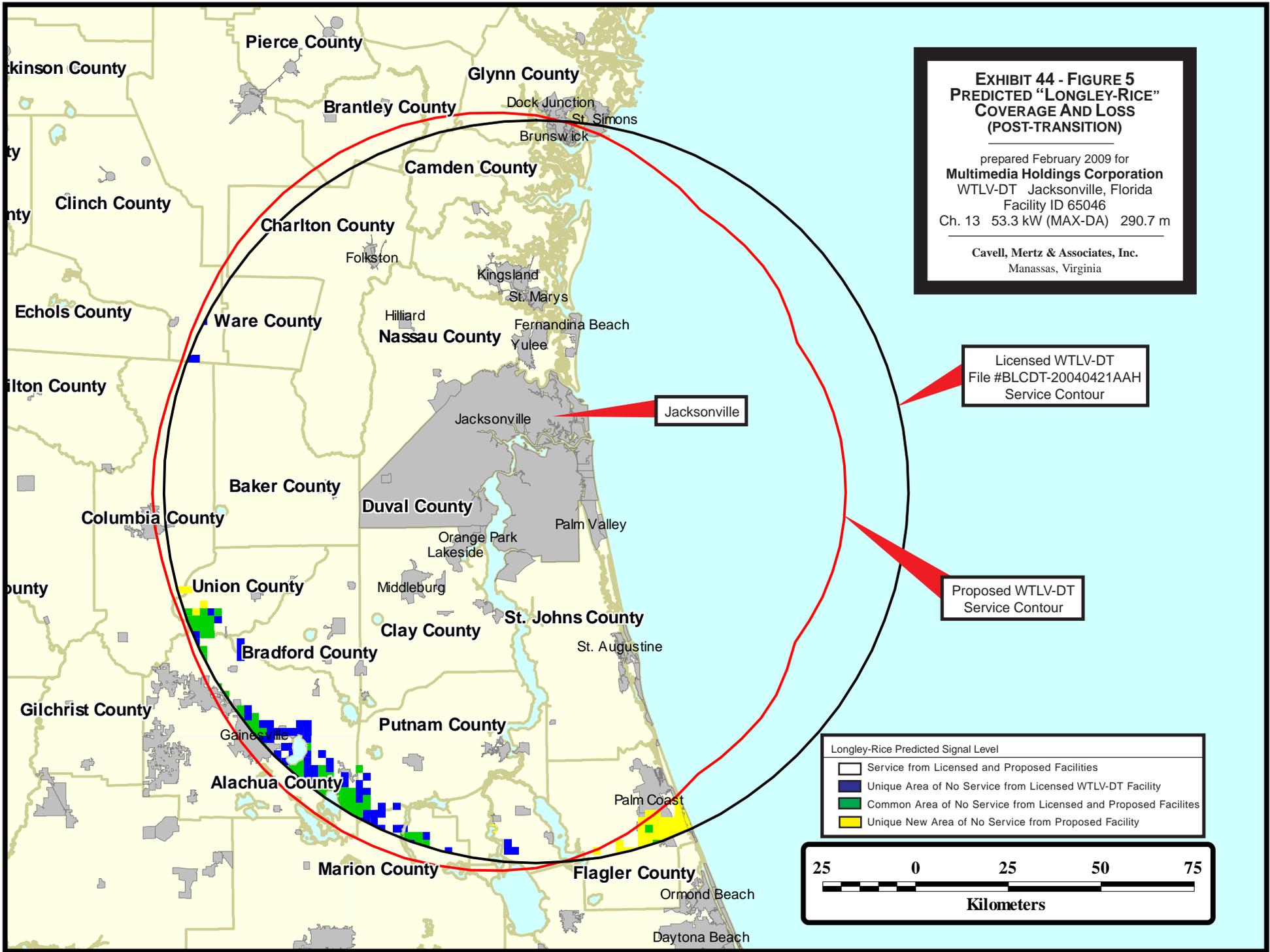
Cavell, Mertz & Associates, Inc.
 Manassas, Virginia

Licensed WTLV-DT
 File #BLCDT-20040421AAH
 Service Contour

Proposed WTLV-DT
 Service Contour

- Gain area between Licensed and Proposed WTLV-DT service contours
- Loss area between licensed WTLV-DT service contour and Proposed WTLV-DT service contour





**EXHIBIT 44 - FIGURE 5
PREDICTED "LONGLEY-RICE"
COVERAGE AND LOSS
(POST-TRANSITION)**

prepared February 2009 for
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 WTLV-DT Jacksonville, Florida
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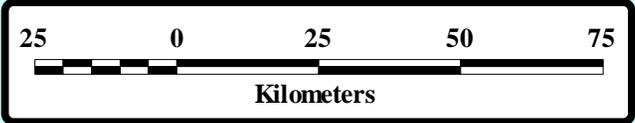
Cavell, Mertz & Associates, Inc.
 Manassas, Virginia

Licensed WTLV-DT
 File #BLCDT-20040421AAH
 Service Contour

Proposed WTLV-DT
 Service Contour

Longley-Rice Predicted Signal Level

- Service from Licensed and Proposed Facilities
- Unique Area of No Service from Licensed WTLV-DT Facility
- Common Area of No Service from Licensed and Proposed Facilities
- Unique New Area of No Service from Proposed Facility



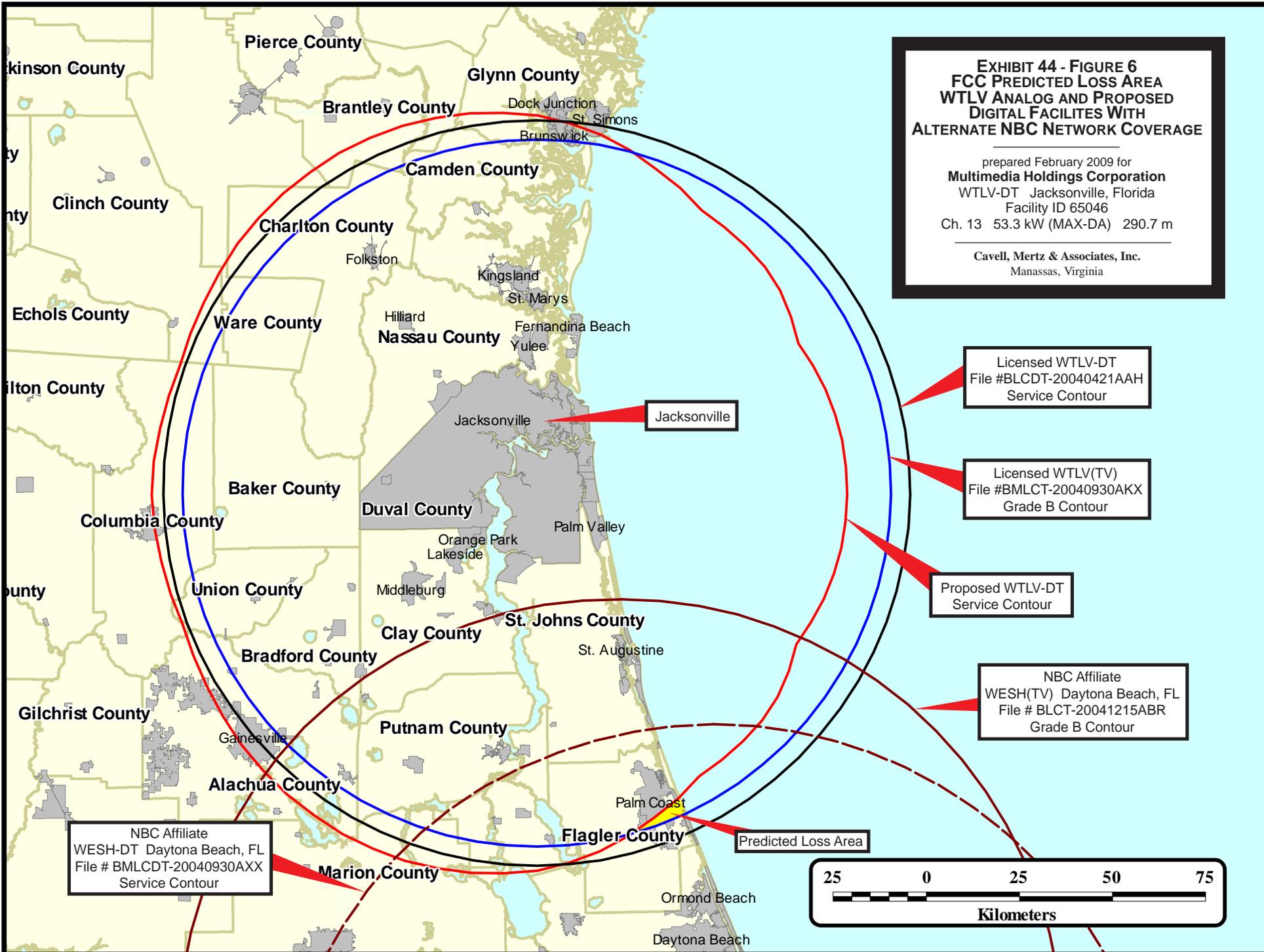


Exhibit 44 - Table I
INTERFERENCE STUDY RESULTS

prepared for

Multimedia Holdings Corporation

WTLV(TV) Jacksonville, FL

Facility Id: 65046

Ch. 13 53.3 kW (MAX-DA) 290.7 m

<u>Channel</u>	<u>Affected Station</u>	<u>City, State</u>	<u>File Number</u>	<u>7th R&O Table Baseline (2000 Census)</u>	<u>Calculated Baseline (2000 Census)</u>	<u>Interference Population without Proposal (2000 Census)</u>	<u>Interference Population with Proposal (2000 Census)</u>	<u>New Interference</u>	
								<u>Population</u>	<u>Percentage</u>
13	WMBB(TV)	Panama City, FL	Reference	721,000	718,053	4,729	4,737	8	0.001 %
13	WMBB(TV)	Panama City, FL	BPCDT-20080410AAW	721,000	813,444	7,258	7,258	0	0.000 %
13	WEDU(TV)	Tampa, FL	Reference	4,123,000	4,127,008	47,374	59,356	11,982	0.290 %
13	WEDU(TV)	Tampa, FL	BPEDT-20080317ACK	4,123,000	4,252,443	161,743	182,570	20,827	0.490 %
13	WMAZ-TV	Macon, GA	BMPCDT-20080620AMS	820,000	871,829	63,529	64,528	999	0.115 %
13	WMAZ-TV	Macon, GA	Reference	820,000	815,662	32,564	33,183	619	0.076 %
13	WBFL-CA	Valdosta, GA	BLTVL-19990608JE				---	No Interference	---
13	WBFL-CA	Valdosta, GA	BSTA-20080411ABX		386	170	170	0	0.000 %
13	WBFL-CA	Valdosta, GA	BPTVA-20080926AGR		3,715	67	67	0	0.000 %