

Exhibit 40 - Statement A  
**NATURE OF THE PROPOSAL**  
**PROPOSED ANTENNA SYSTEM**  
prepared for  
**WJHG-TV Licensee Corporation**  
WJHG-DT Panama City, Florida  
Facility ID 73136  
Ch. 8 52 kW 253 m

*WJHG Licensee Corporation* (“*WJHG Corp*”) is the permittee of WJHG-DT, Channel 42, Panama City, Florida (file number BPCDT-19991014ABA ) and licensee of the paired analog WJHG-TV Channel 7 facility (file number BLCT-1360). *WJHG Corp.* has requested, by petition for Rulemaking, that WJHG-DT be permitted to operate on DTV Channel 8 instead of its originally allotted DTV Channel 42. By Report and Order (“R&O”) in MM Docket 01-57, RM 10031, released June 6, 2001, the Commission granted *WJHG Corp’s* requested channel change. The instant application therefore proposes to modify the CP to specify DTV Channel 8. The application proposes a directional antenna pattern and an effective radiated power (“ERP”) which exceed those specified in the June 6 R&O.

The proposed WJHG-DT antenna system will be mounted on top of an antenna supporting structure bearing FCC Antenna Structure Registration number 1029017. The proposed antenna system will be situated immediately below a replacement NTSC antenna system to be proposed separately for the WJHG-TV channel 7 facility. The proposed combination of new DTV and NTSC antenna systems will effectively increase the overall height of the antenna support structure. The FAA has been notified of the proposed height increase. Upon receipt of the anticipated approval from the FAA, the FCC ASR data will be modified to report the FAA’s authorization for the instantly proposed structure height increase.

The proposed transmitting antenna, a Dielectric model THB-C3SP-3H/9H-1-B, is directional in the horizontal plane. This antenna will employ 0.50 degrees of

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**PROPOSED ANTENNA SYSTEM**

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electrical beam tilt. The ERP will be 52 kilowatts, horizontally polarized. The antenna system will be installed in accordance with the manufacturer's instructions. Said installation will be supervised on-site by a competent technical representative of the applicant. The antenna's horizontal plane pattern, expressed in terms of relative field and power, is supplied as **Figures 1** and **1A** respectively, properly oriented relative to True North. The tabulation for the pattern, **Figure 1**, is supplied in the "Tech Box" of FCC Form 301 Section III-D. **Figures 2** and **2A** present the theoretical vertical plane (elevation) pattern for the antenna system.

The nearest FCC monitoring station is 385.8 km distant at Powder Springs, Georgia. This exceeds by a great margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. There are no AM broadcast stations within 3.2 km (2 miles) of the proposed site, according to information extracted from the Commission's engineering database.



**EXHIBIT 40 - FIGURE 1  
HORIZONTAL PLANE RADIATION PATTERN  
(EXPRESSED IN TERMS OF RELATIVE FIELD)**

prepared September 2001 for  
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WJHG-DT Panama City, Florida  
Ch. 8 52 kW 253 m  
Facility ID - 73136

**Cavell, Mertz & Davis, Inc.**  
Consulting Engineers - Fairfax, Virginia

**AZIMUTH PATTERN**

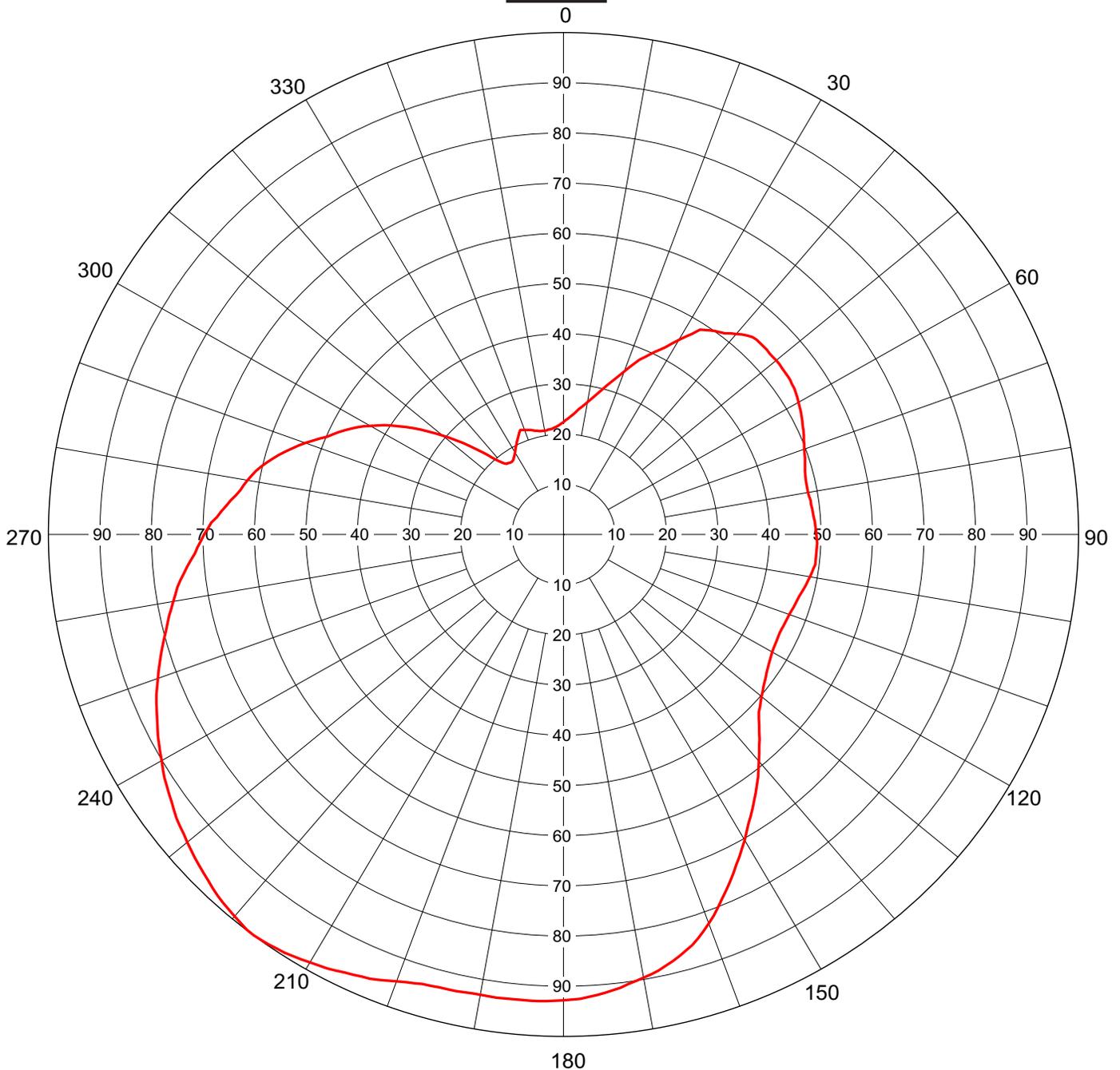
RMS Gain at Main Lobe  
Calculated / Measured

**2.49**  
**Calculated**

Frequency  
Drawing #

**183 MHz**  
**THB-C3SP1-183**

True North



Remarks:



**EXHIBIT 40 - FIGURE 1A  
HORIZONTAL PLANE RADIATION PATTERN  
(EXPRESSED IN TERMS OF dBk)**

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**AZIMUTH PATTERN**

RMS Gain at Main Lobe  
Calculated / Measured

**2.49 (3.96 dB)**

**Calculated**

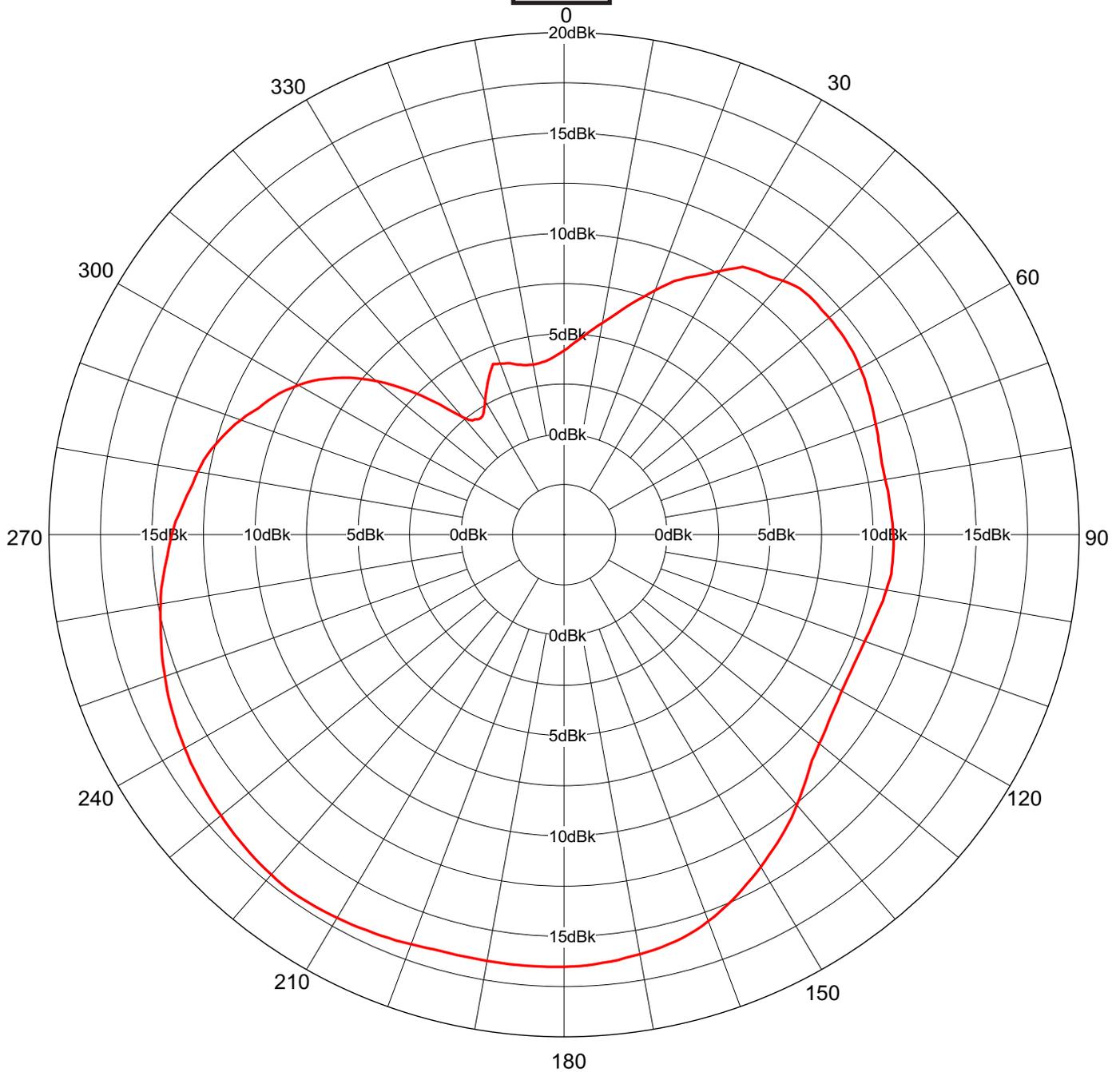
Frequency

**183 MHz**

Drawing #

**THB-C3SP1-183**

True North



Remarks:

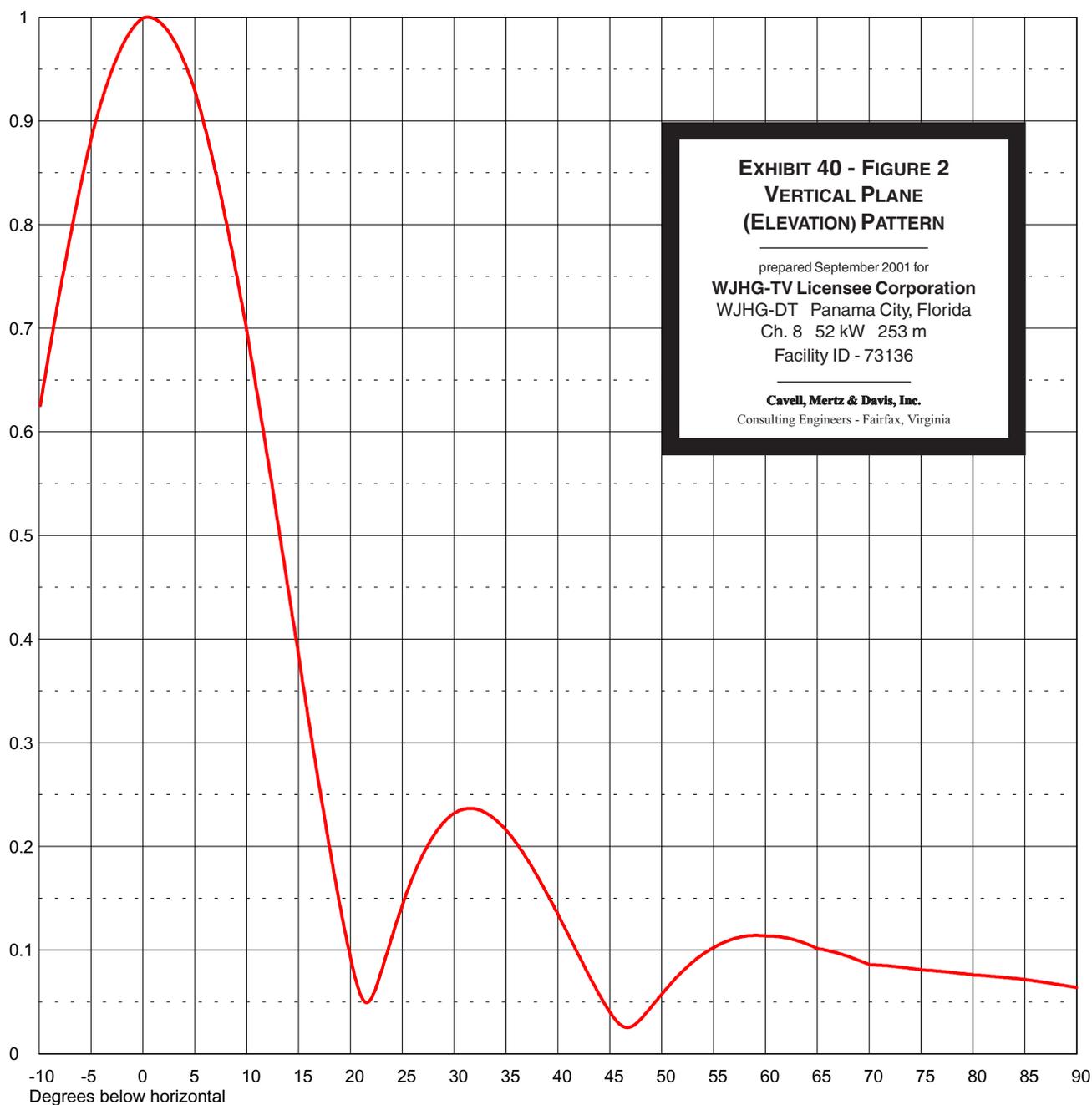


Call Letters **WJHG-DT** Channel **8**  
Location **Panama City, FL**

Antenna Type **THB-C3SP-3H/9H-1-B**

### ELEVATION PATTERN

RMS Gain at Main Lobe	<b>3.1 (4.91 dB)</b>	Beam Tilt	<b>0.50 Degrees</b>
RMS Gain at Horizontal	<b>3.1 (4.91 dB)</b>	Frequency	<b>183.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>03H031050-S183050-90</b>



Remarks:

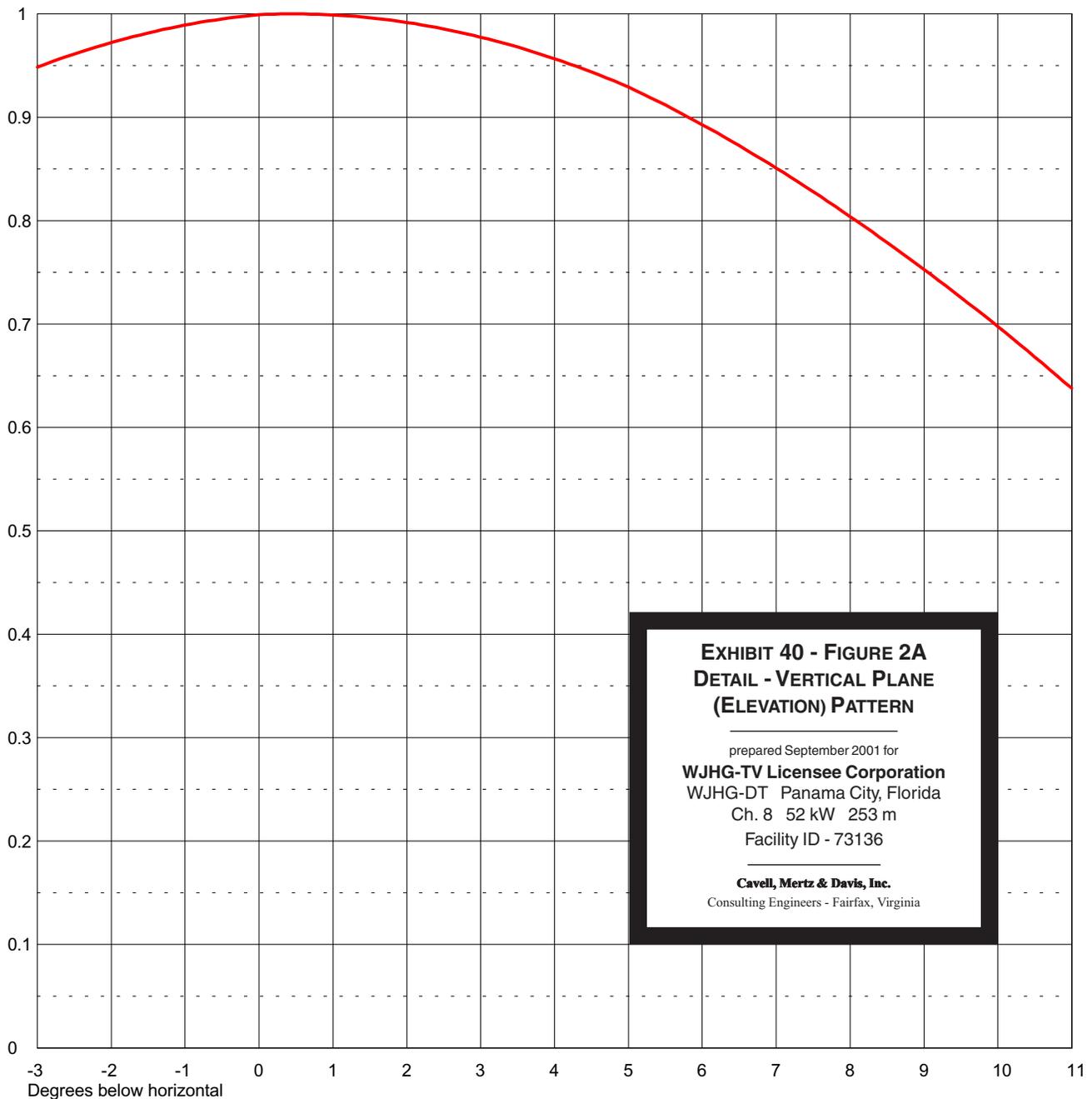


Call Letters **WJHG-DT** Channel **8**  
Location **Panama City, FL**

Antenna Type **THB-C3SP-3H/9H-1-B**

### ELEVATION PATTERN

RMS Gain at Main Lobe	<b>3.1 (4.91 dB)</b>	Beam Tilt	<b>0.50 Degrees</b>
RMS Gain at Horizontal	<b>3.1 (4.91 dB)</b>	Frequency	<b>183.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>03H031050-S183050</b>



**EXHIBIT 40 - FIGURE 2A**  
**DETAIL - VERTICAL PLANE**  
**(ELEVATION) PATTERN**

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Remarks: