

Exhibit 41 - Statement A
NATURE OF THE PROPOSAL
PROPOSED ANTENNA SYSTEM
prepared for
Gray Television Licensee, Inc.
WSAW-DT Wausau, Wisconsin
Facility ID 6867
Ch. 40 49.9 kW (MAX-DA) 387 m

Gray Television Licensee, Inc. (“Gray”) is the permittee of WSAW-DT, Channel 40, Wausau, Wisconsin (file number BPCDT-19991029ADR) and licensee of the paired analog WSAW-TV Channel 7 facility (BLCT-20030930ANG). WSAW-DT is authorized to operate with an effective radiated power (“ERP”) of 110.4 kW and an antenna height above average terrain (“HAAT”) of 369 meters. Under the instant application, *Gray* seeks to modify the WSAW-DT CP to specify a reduction in ERP, an increase in HAAT, and use of a directional antenna.

WSAW-DT is presently operating pursuant to Special Temporary Authorization (“STA”) with an ERP of 49.9 kW and an antenna HAAT of 387 meters. The STA facility employs a directional antenna. Under the instant proposal, the WSAW-DT CP will be modified to specify the same antenna and operating parameters as the STA facility, at an ERP of 49.9 kW and a HAAT of 387 m.

The present WSAW-DT CP specifies a location on an antenna supporting structure associated with FCC Antenna Structure Registration (“ASR”) number 1034108. That structure has been dismantled. The WSAW-TV analog facility and the DTV STA are located on a replacement structure located 3 seconds of longitude west of the dismantled structure. The replacement structure bears ASR number 1066073. Accordingly, the instant proposal specifies a site change of 3 seconds in longitude with respect to the present WSAW-DT CP. The replacement tower structure has been constructed, therefore no tower or antenna construction work is necessary to carry out this proposal.

Since the instant proposal is a “non-checklist” application, the results of a detailed interference study are supplied within **Exhibit 42 - Statement B**. As shown therein, the instant proposal satisfies the Commission’s published interference criteria.

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The specified antenna system is a Dielectric model TFU-10GTH-R 4C150. Electrical beamtilt of 1.0 degree will be employed. The antenna's horizontal plane pattern, expressed in terms of relative field and power, is supplied in **Exhibit 41 - Figure 1**, properly oriented relative to True North. **Exhibit 41 - Figures 2 and 2A** graphically present the theoretical vertical plane (elevation) pattern.

A map is supplied as **Exhibit 41 - Figure 3**, which depicts the standard predicted coverage contours. This map includes the boundaries of Wausau, WSAW-DT's principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dB μ contour.

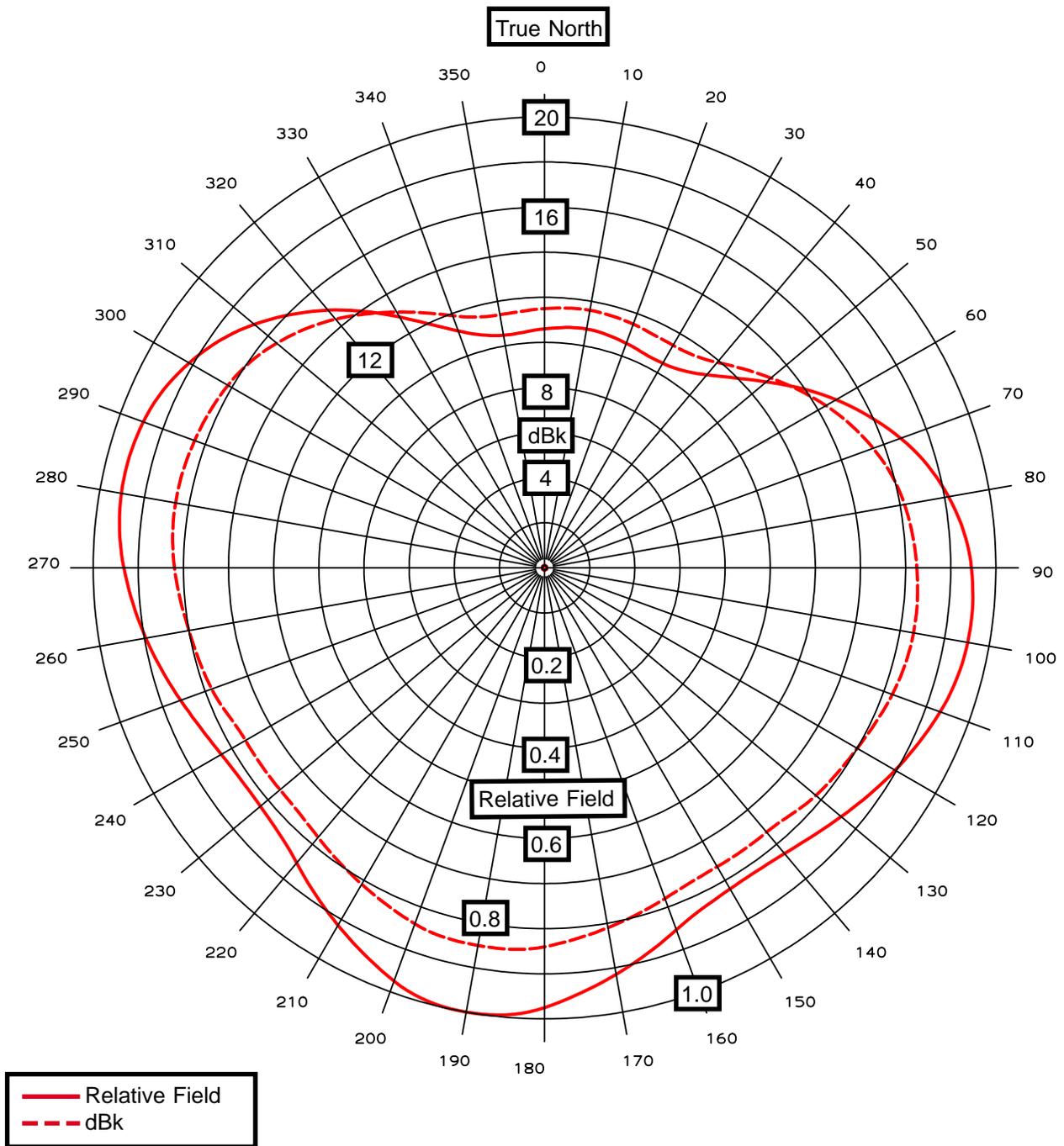


EXHIBIT 41 - FIGURE 1
ANTENNA HORIZONTAL PLANE
RADIATION PATTERN

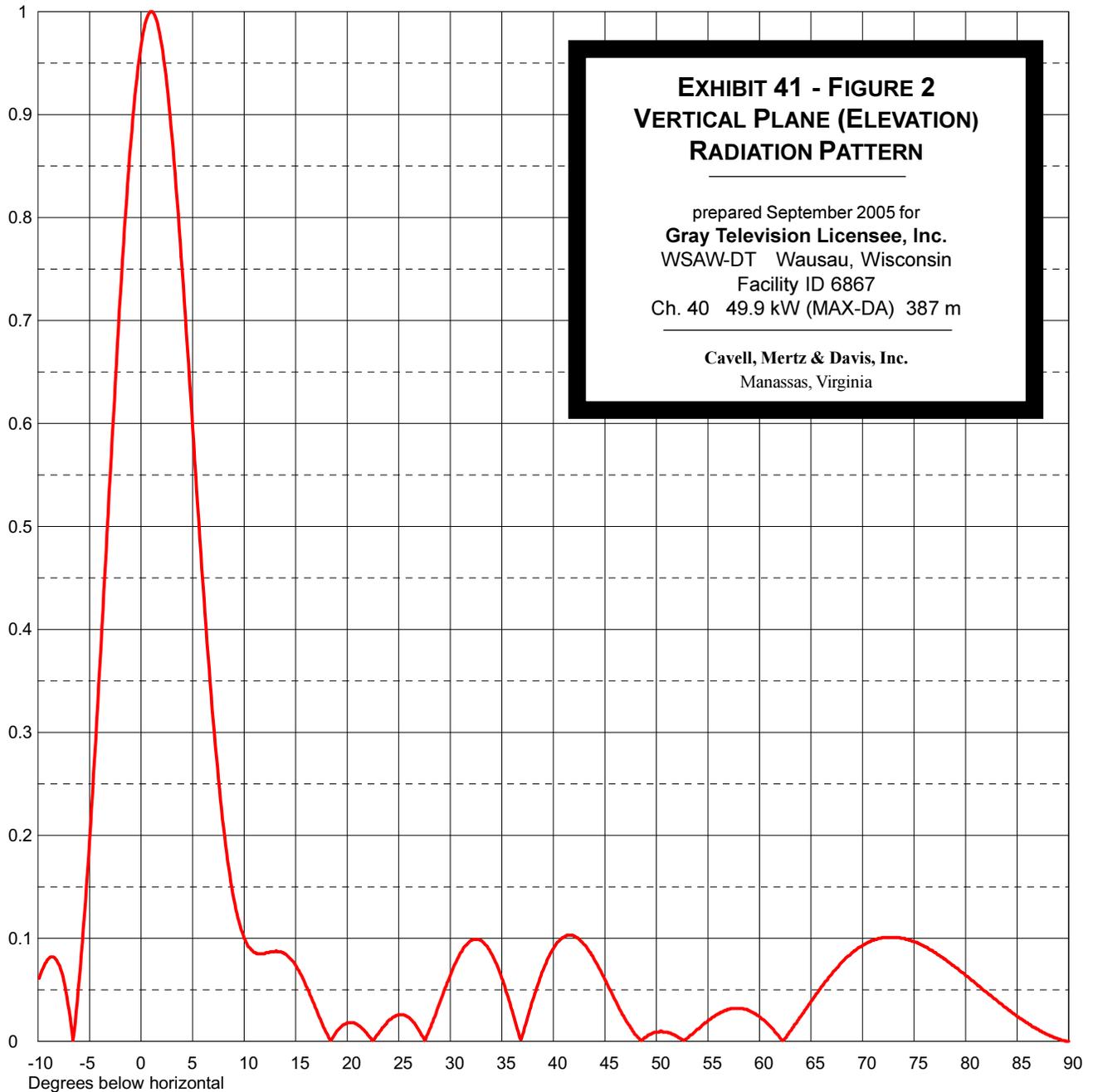
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Cavell, Mertz & Davis, Inc.
 Manassas, Virginia



ELEVATION PATTERN

RMS Gain at Main Lobe	9.0 (9.54 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	8.4 (9.24 dB)	Frequency	629.00 MHz
Calculated / Measured	Calculated	Drawing #	10G090100-90

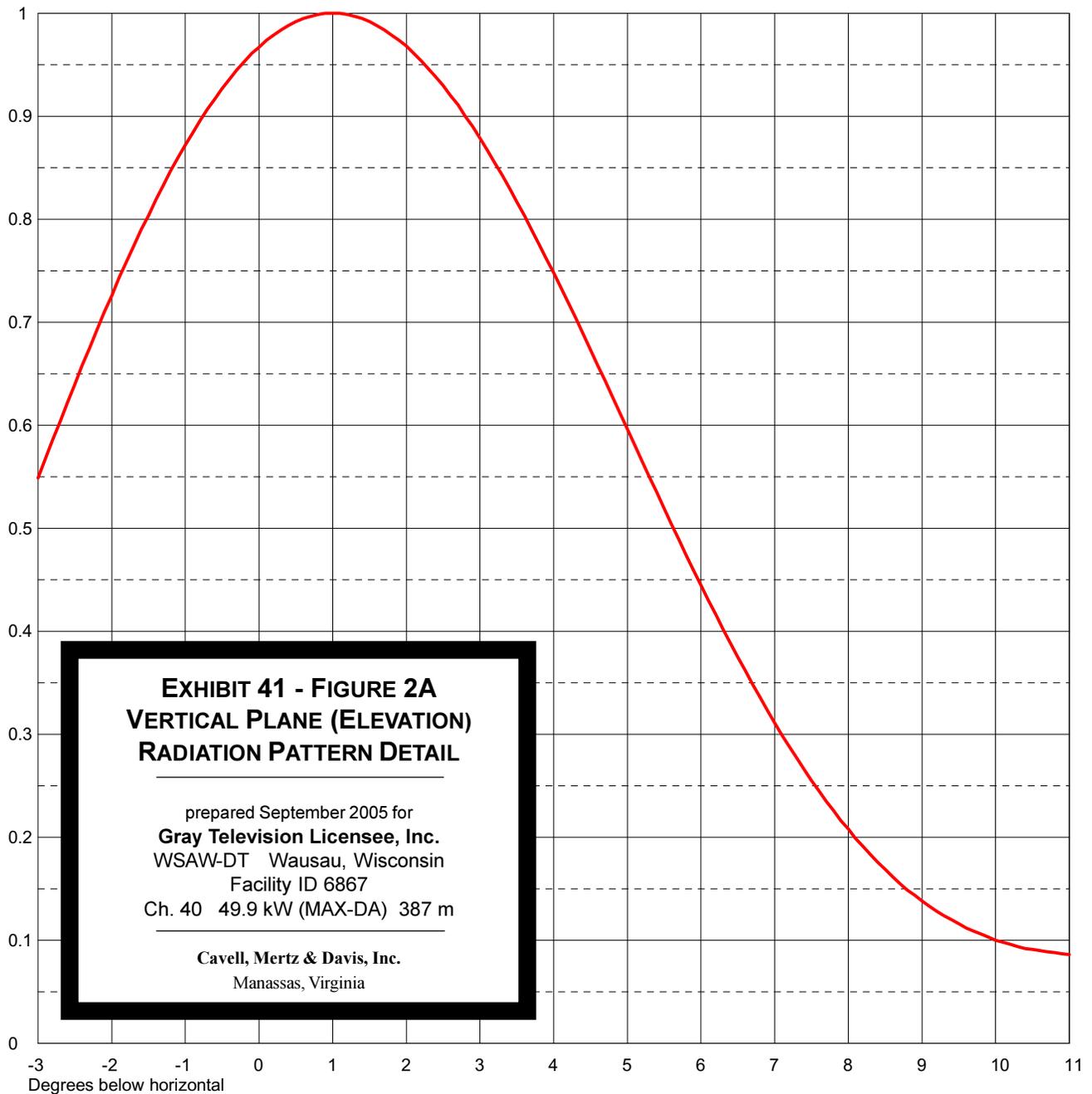


Remarks:

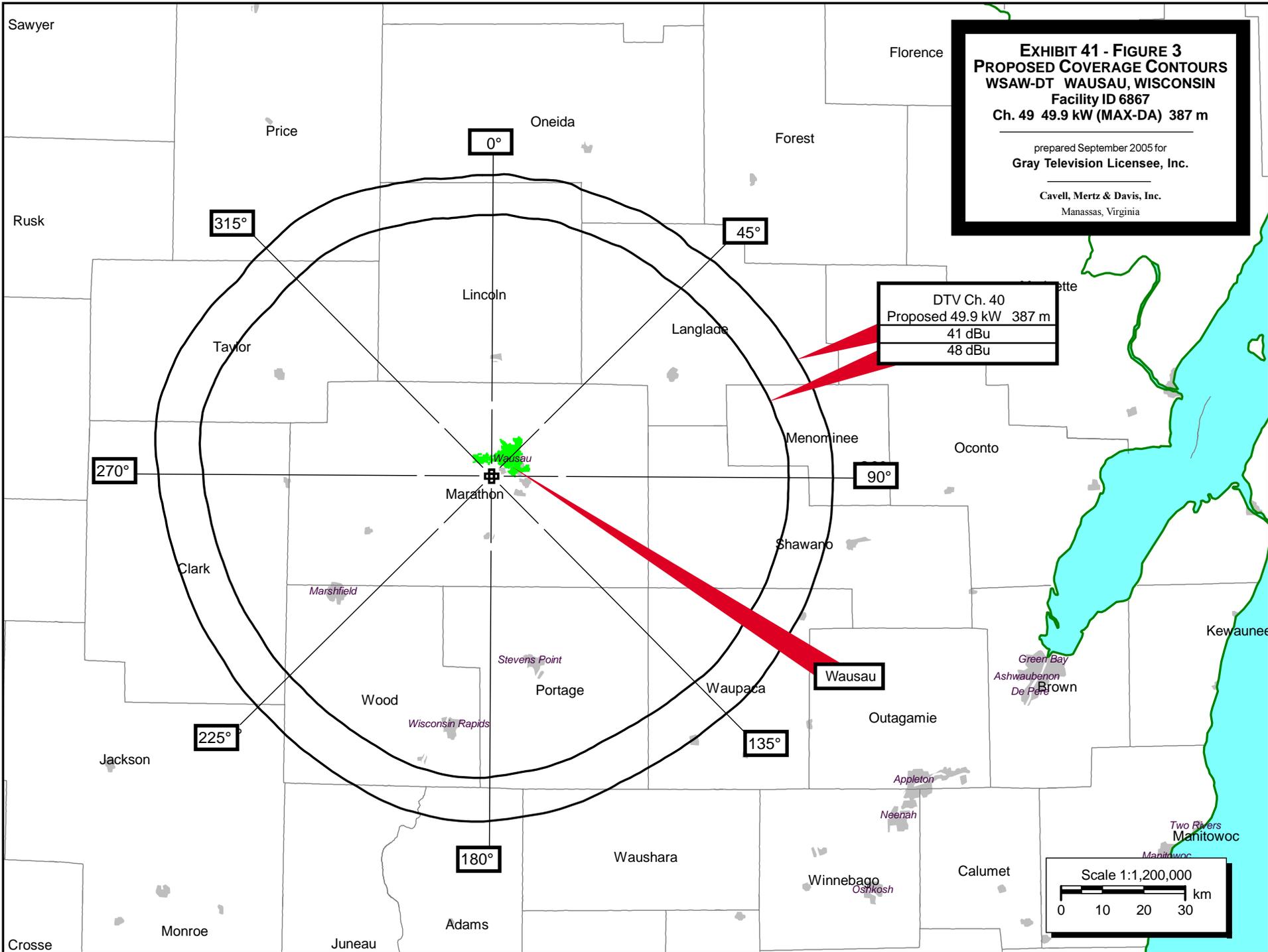


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Remarks:



Sawyer

Florence

Price

Oneida

Forest

315°

45°

Rusk

Lincoln

Langlade

Taylor

Menominee

Oconto

270°

90°

Marathon

Shawano

Clark

Marshfield

Stevens Point

Wausau

Green Bay

Ashwaubenon

De Pere

Kewaunee

Wood

Portage

Waupaca

Outagamie

225°

135°

Jackson

Wisconsin Rapids

Waushara

Appleton

Neenah

Two Rivers

Manitowoc

180°

Winnebago

Calumet

Oshkosh

Crosse

Monroe

Juneau

Adams