

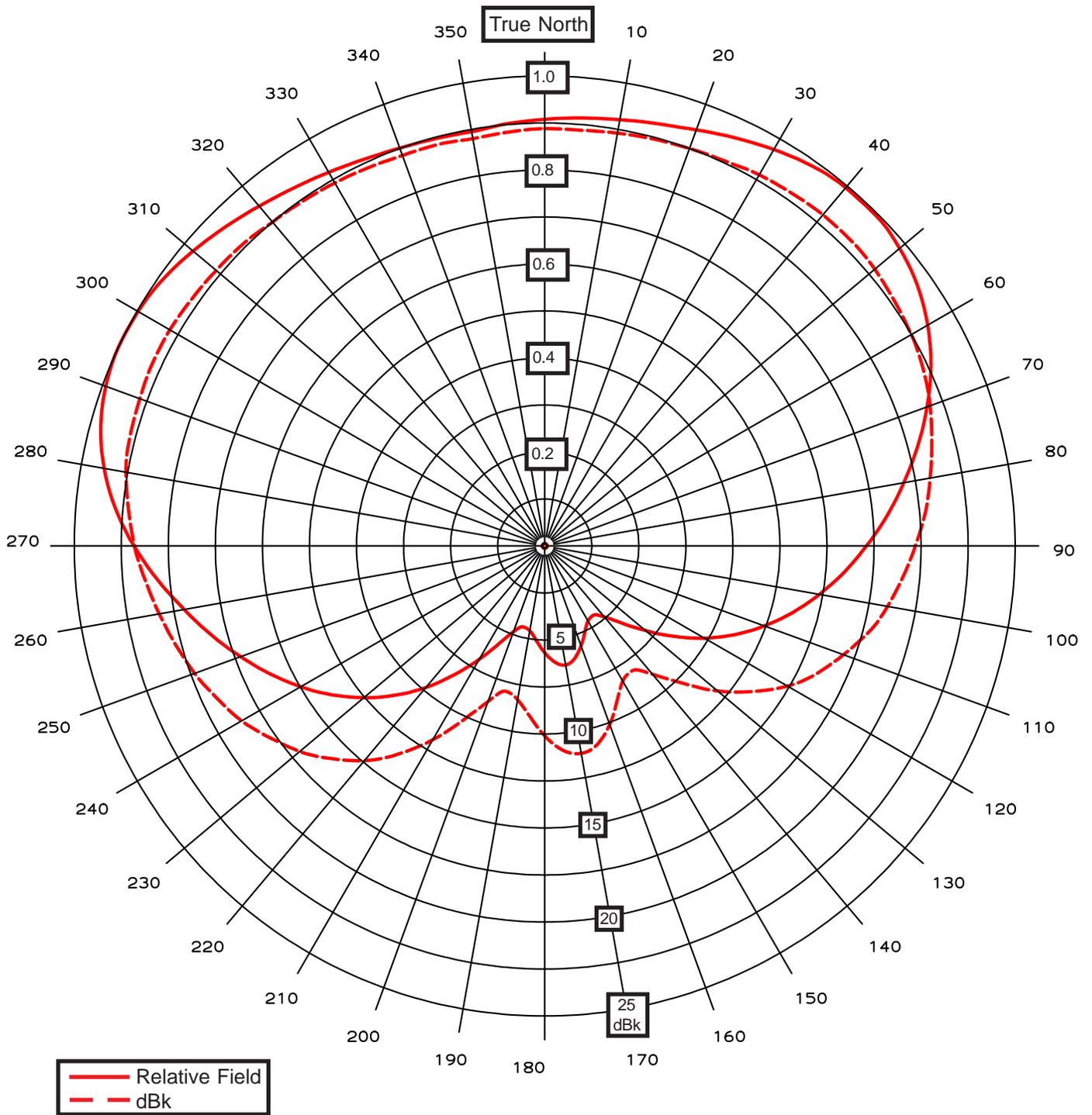
Exhibit 41 - Statement A
PROPOSED ANTENNA SYSTEM & ALLOCATION CONSIDERATIONS
prepared for
WCVB Hearst-Argyle TV, Inc.
WCVB-DT(Auxiliary Antenna)
Boston, Massachusetts
Facility ID 65684
Ch. 20 200 kW (DA) 191 m

WCVB Hearst-Argyle TV, Inc. (“*Hearst-Argyle*”) is the licensee of analog station WCVB-TV Channel 5, Boston, Massachusetts and the paired digital Channel 20 WCVB-DT facility (FCC file number BLCDDT-20020102AAH). *Hearst-Argyle* herein proposes to modify its existing, licensed DTV auxiliary antenna for WCVB-DT Channel 20 (BXMLCDT-20021129AAE) by rotating the orientation to the west. The licensed WCVB-DT auxiliary antenna is presently side-mounted on the existing WCVB-TV antenna supporting structure, having FCC Antenna Structure Registration number 1003433. The auxiliary antenna is centered at 188 meters above ground level. No change in mounting elevation or effective radiated power is proposed.

The specified antenna system is a Dielectric model TLP-16(M) with an electrical beamtilt of 1.0 degrees. The proposed 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 - Figure 2** graphically presents the theoretical vertical plane (elevation) pattern.

The proposed auxiliary directional antenna system is mounted below the existing, licensed WCVB-DT antenna system on the same antenna support structure. The attached **Exhibit 41 - Figure 3** supplies a contour comparison map demonstrating that, in compliance with §73.1675 of the FCC Rules, the service contour for the licensed main facility for WCVB-DT encompasses the service contour of the proposed auxiliary DTV facility for WCVB-DT.

Attached as **Exhibit 41 - Figure 4** is a separate, predicted coverage contour map for the proposed auxiliary WCVB-DT depicting the proposed 41 dB μ and 48 dB μ F(50,90) coverage contours and the encompassed city of Boston, Massachusetts.



**EXHIBIT 41 - FIGURE 1
HORIZONTAL PLANE RADIATION PATTERN**

prepared December 2006 for

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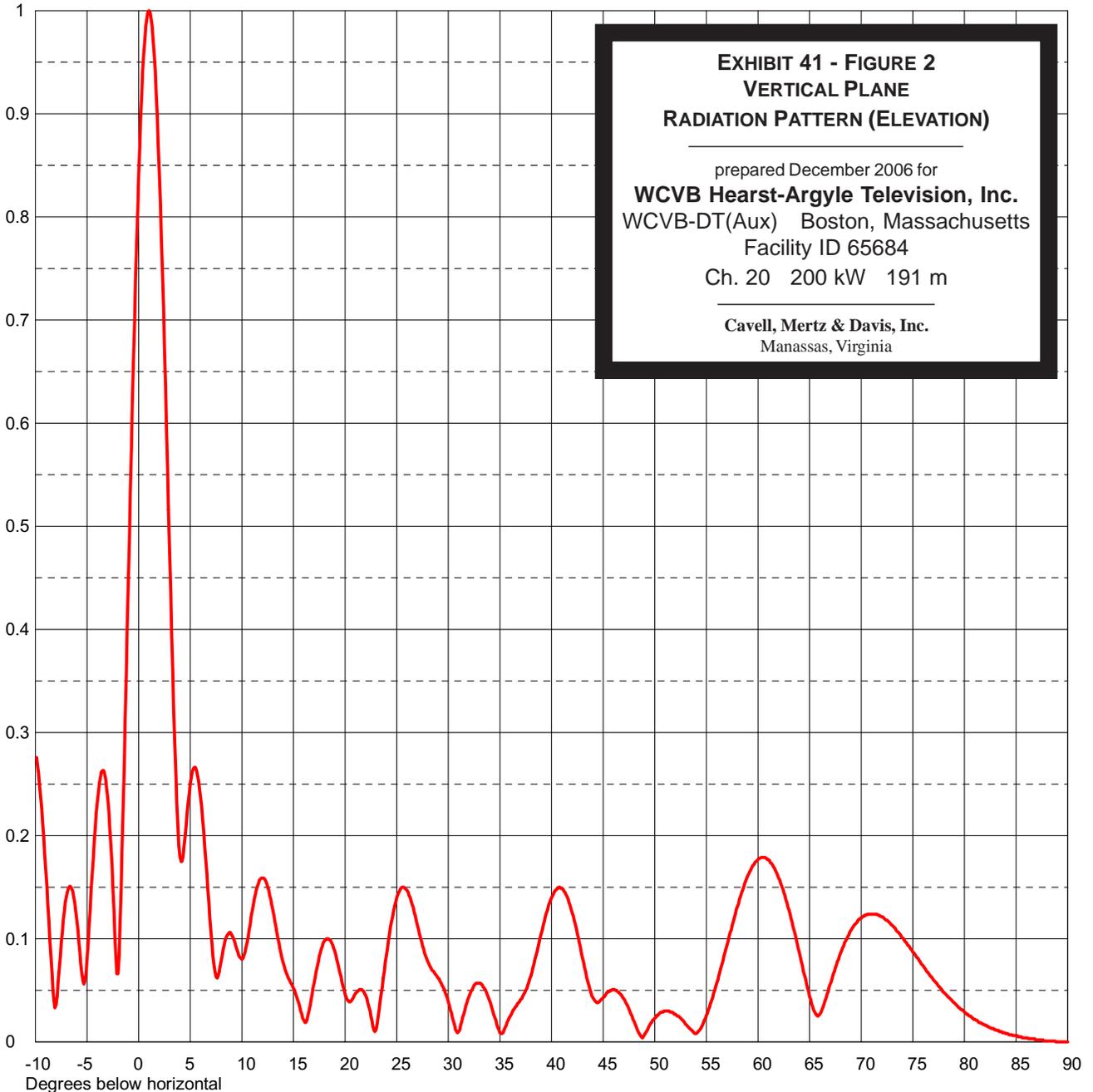
Cavell, Mertz & Davis, Inc.
Manassas, Virginia



Date		
Call Letters	WCVB-DT	Channel 20
Location	Boston, MA	
Customer	(Auxiliary)	
Antenna Type	TLP-16M	

ELEVATION PATTERN

RMS Gain at Main Lobe	16.0 (12.04 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	11.3 (10.53 dB)	Frequency	509.00 MHz
Calculated / Measured	Calculated	Drawing #	16L160100-90



Remarks:

**EXHIBIT 41 - FIGURE 3
MAIN VS AUXILIARY
COVERAGE CONTOUR COMPARISON**

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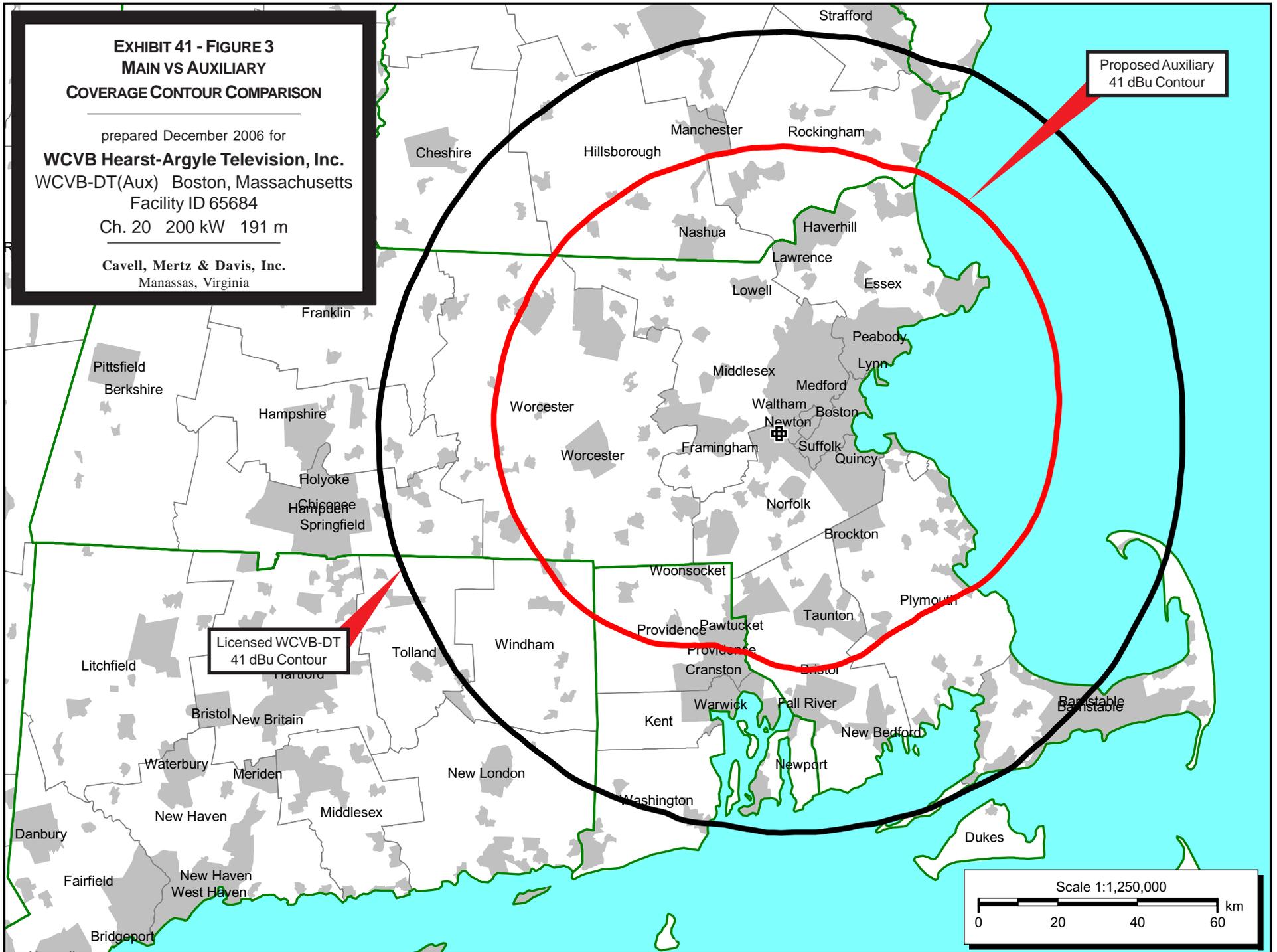
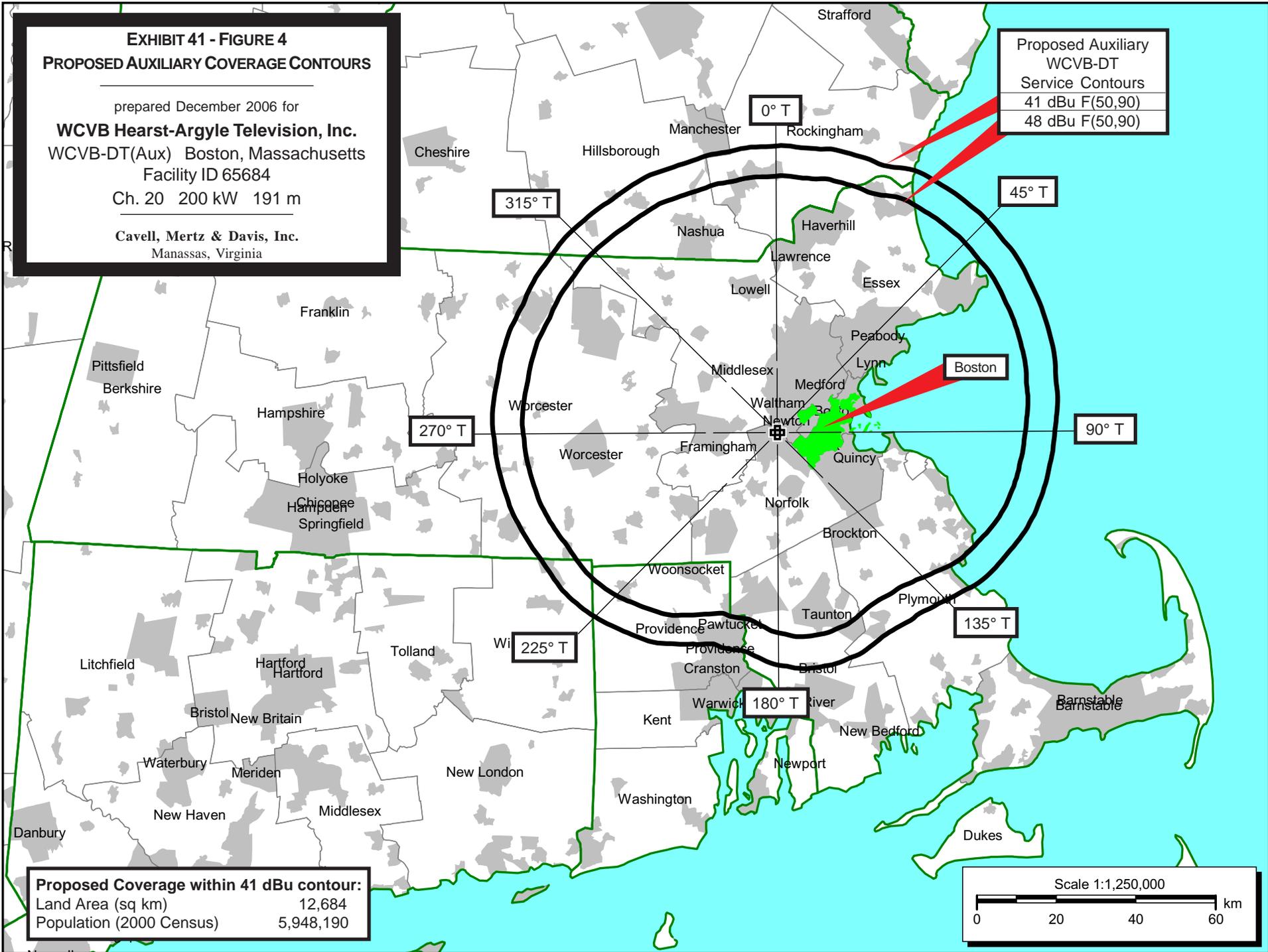


EXHIBIT 41 - FIGURE 4
PROPOSED AUXILIARY COVERAGE CONTOURS

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Proposed Auxiliary
 WCVB-DT
 Service Contours
 41 dBu F(50,90)
 48 dBu F(50,90)



Proposed Coverage within 41 dBu contour:
 Land Area (sq km) 12,684
 Population (2000 Census) 5,948,190

