

Exhibit 40 - Statement A
PROPOSED ANTENNA SYSTEM

prepared for
USA Station Group Partnership of New Jersey
WHSI-DT Smithtown, New York
Facility ID 60553
Ch. 23 150 kW 204 m

USA Station Group Partnership of New Jersey, licensee of analog station WHSI-TV (Channel 67), has an application pending to construct the paired WHSI-DT facility on Channel 23 (file number BPCDT-19991028ADR, facility ID 60553). The pending application proposes a directional antenna system, an effective radiated power (ERP) of 150 kW and an antenna height above average terrain (HAAT) of 218 meters. The purpose of the instant amendment is to reduce the antenna's height above average terrain (HAAT) and change the amount of electrical beamtilt. No other changes to the pending application are sought.

Specifically, the purpose of the instant amendment supplies a reduction in the proposed antenna's height above mean sea level (HAMSL) and height above average terrain (HAAT) (from 243 meters HAMSL and 218 meters HAAT to 229 meters HAMSL and 204 meters HAAT). The instant amendment also changes the amount of the proposed antenna system's electrical beamtilt from 0.75 degrees to 0.50 degrees.

The proposed WHSI-DT antenna system will be side-mounted on the existing WHSI-TV tower structure, having FCC Antenna Structure Registration number 1007666. This site is the reference site for this station as established under §73.622(f)(1).

The proposed transmitting antenna, an *Andrew* model ATW22HS2-HSP5-23S, is directional in the horizontal plane. This antenna will employ 0.50 degrees of electrical beam tilt as described above. The effective radiated power will be 150 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

Exhibit 40 - Statement A
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(page 2 of 2)

terms of relative field and power, is supplied as **Figure 1**, properly oriented relative to True North. **Figure 2** and **2A** present the theoretical vertical plane (elevation) pattern for the antenna system.

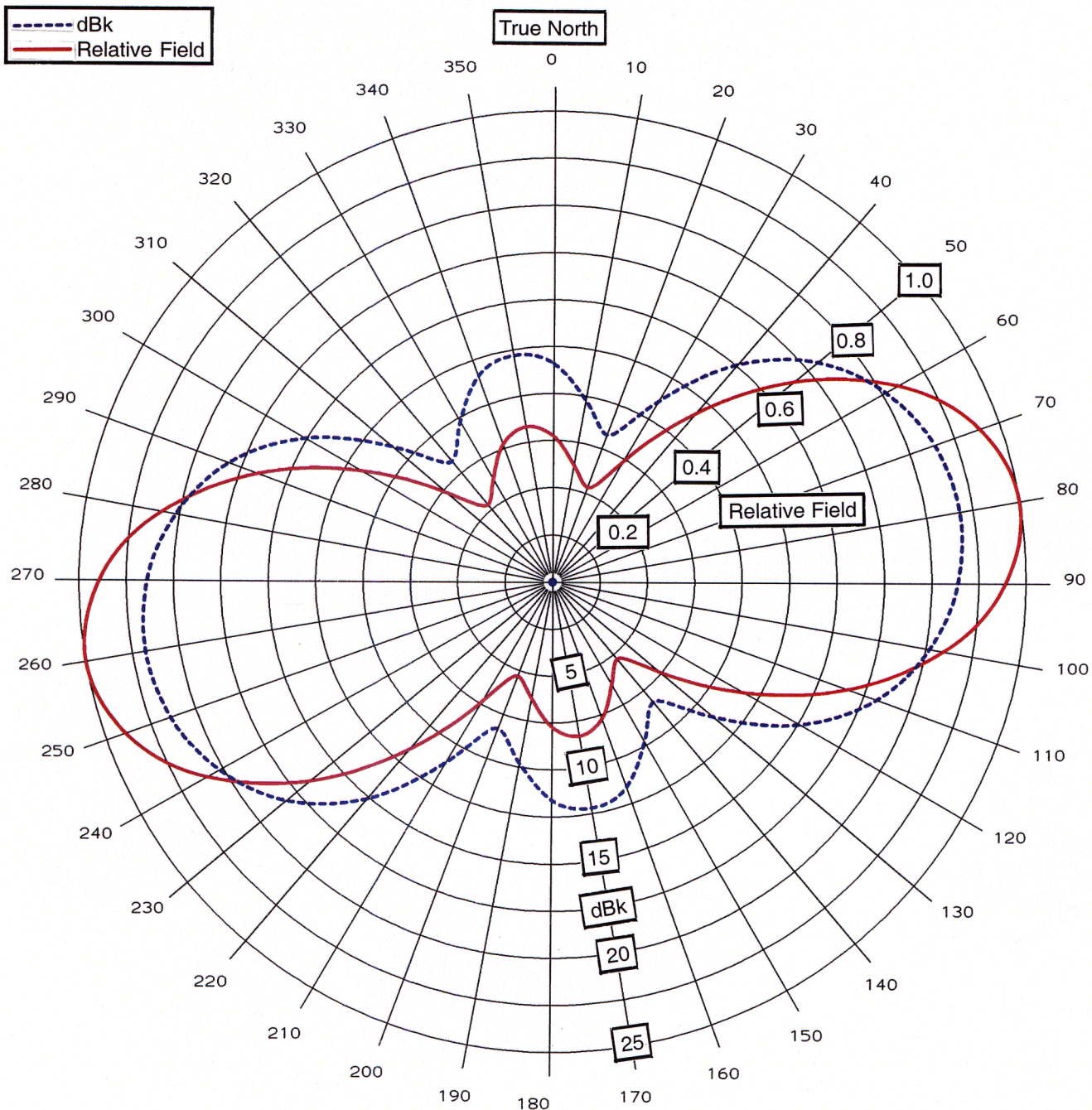


FIGURE 1
ANTENNA HORIZONTAL PLANE RADIATION PATTERN

prepared May 2001 for
USA Station Group Partnership of New Jersey
 WHSI-DT Smithtown, New York

Ch. 23 150 kW 204 m

Cavell, Mertz & Davis, Inc.
 Fairfax, Virginia



ANDREW

Channel: 23

Type: ATW22HS2

Directivity: 22 (13.4 dBd)

Beam Tilt: 0.5

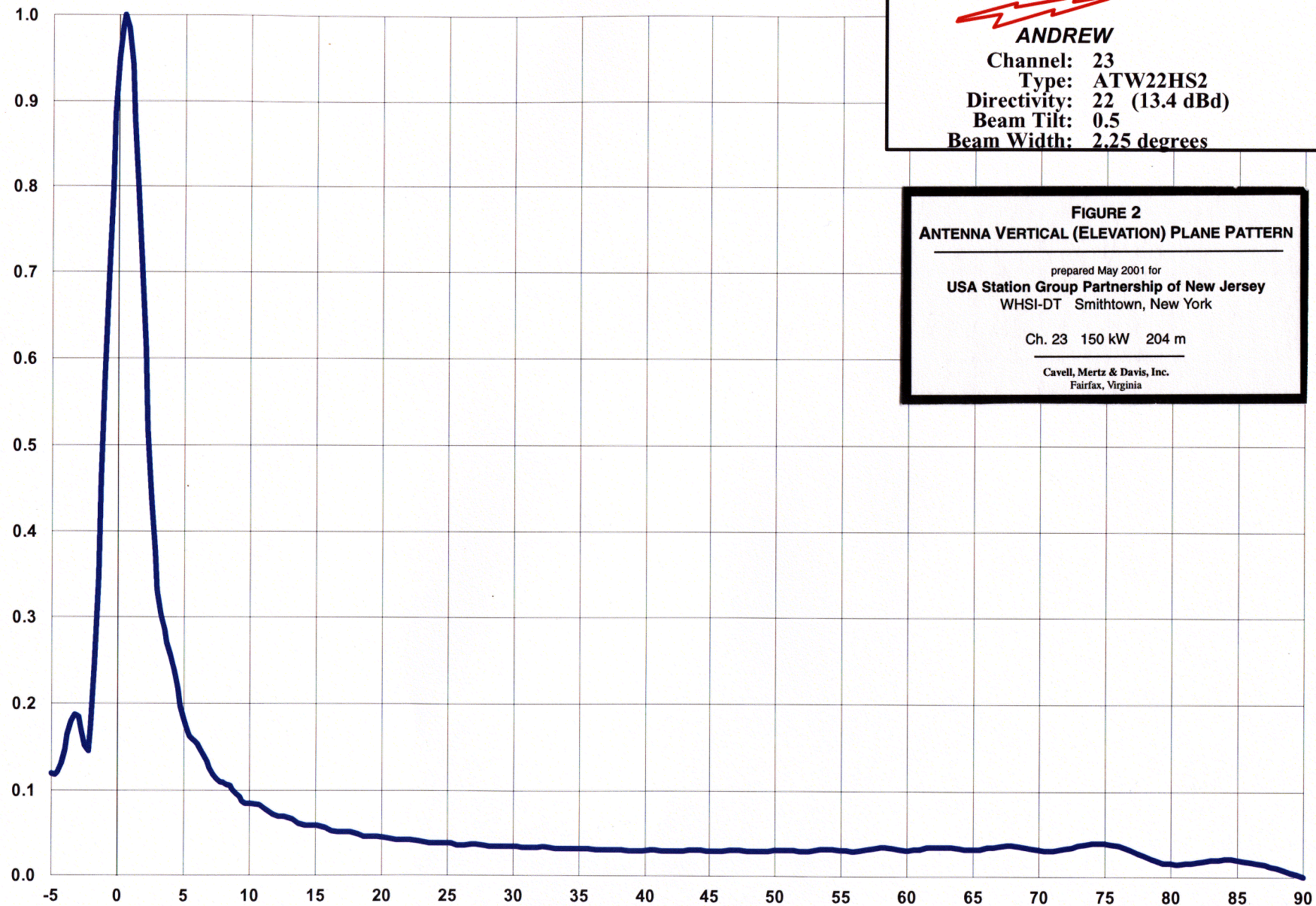
Beam Width: 2.25 degrees

FIGURE 2
ANTENNA VERTICAL (ELEVATION) PLANE PATTERN

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Cavell, Mertz & Davis, Inc.
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Company: USE
Site: WHSI-DT
Proposal Number:

Author: J Davis
Date: 05/09/2001



ANDREW

Channel: 23

Type: ATW22HS2

Directivity: 22 (13.4 dBd)

Beam Tilt: 0.5

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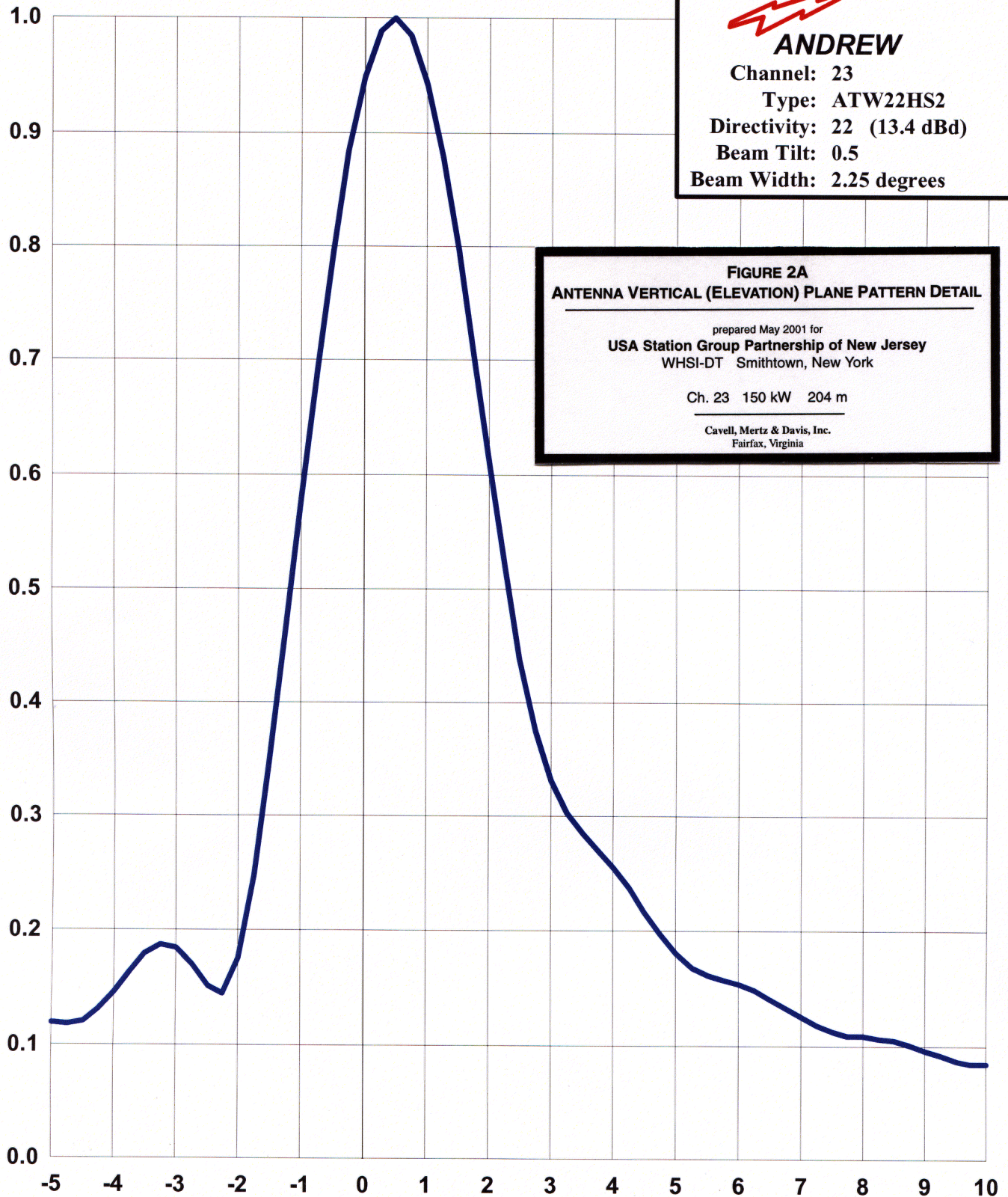
FIGURE 2A

ANTENNA VERTICAL (ELEVATION) PLANE PATTERN DETAIL

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