

Exhibit 40 - Statement A
NATURE OF THE PROPOSAL
PROPOSED ANTENNA SYSTEM
prepared for
Bend Licenses, Limited Partnership
KTVZ-DT Bend, Oregon
Facility ID 55907
Ch. 18 50 kW 188 m

Bend Licenses, Limited Partnership is the permittee of KTVZ-DT, Channel 18, Bend, Oregon (file number BPCDT-19991027AAU) and licensee of the paired analog KTVZ(TV) Channel 21 facility (BLCT-19920820KT). The KTVZ-DT Construction Permit (“CP”) authorizes an effective radiated power (ERP) of 50 kW, a directional antenna system, and an antenna height above average terrain (HAAT) of 188 meters. The instant application proposes to modify the CP to specify a different directional antenna pattern and to increase the antenna radiation center above ground level by one meter. Additionally, the instant application provides corrected transmitter site ground elevation data.

The proposed KTVZ-DT antenna system will be side-mounted on an existing antenna supporting structure. The licensed KTVZ analog Channel 21 transmitting is top-mounted on this structure. No change in the overall height of the structure is proposed. Due to the height above ground of this existing structure (58 meters) and the lack of known landing areas nearby, the structure is not required to be registered with the Commission’s Antenna Structure Registration program.

The proposed transmitting antenna, a *Dielectric* model TFU-12DSB-I(C), is directional in the horizontal plane. This antenna will employ 1.0 degree of electrical beam tilt. The maximum ERP will be 50 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 **Exhibit 40 - Figure 1**, properly oriented relative to True North. **Exhibit 40 - Figure 2** and **2A** present the theoretical vertical plane (elevation) pattern for the antenna system.

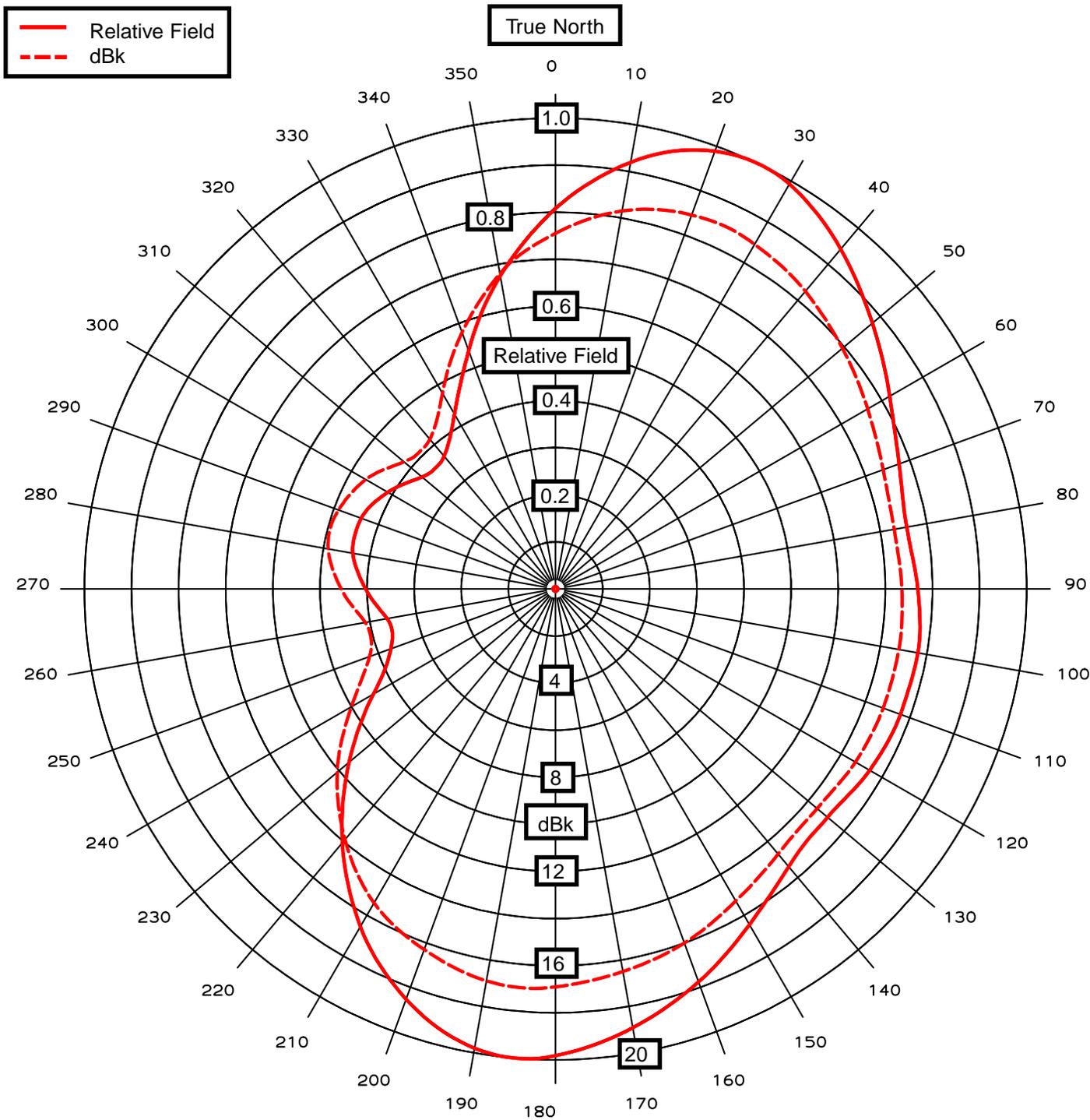


FIGURE 1
ANTENNA HORIZONTAL PLANE RADIATION PATTERN

prepared February 2002 for
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 Facility ID 55907
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Cavell, Mertz & Davis, Inc.
 Manassas, Virginia

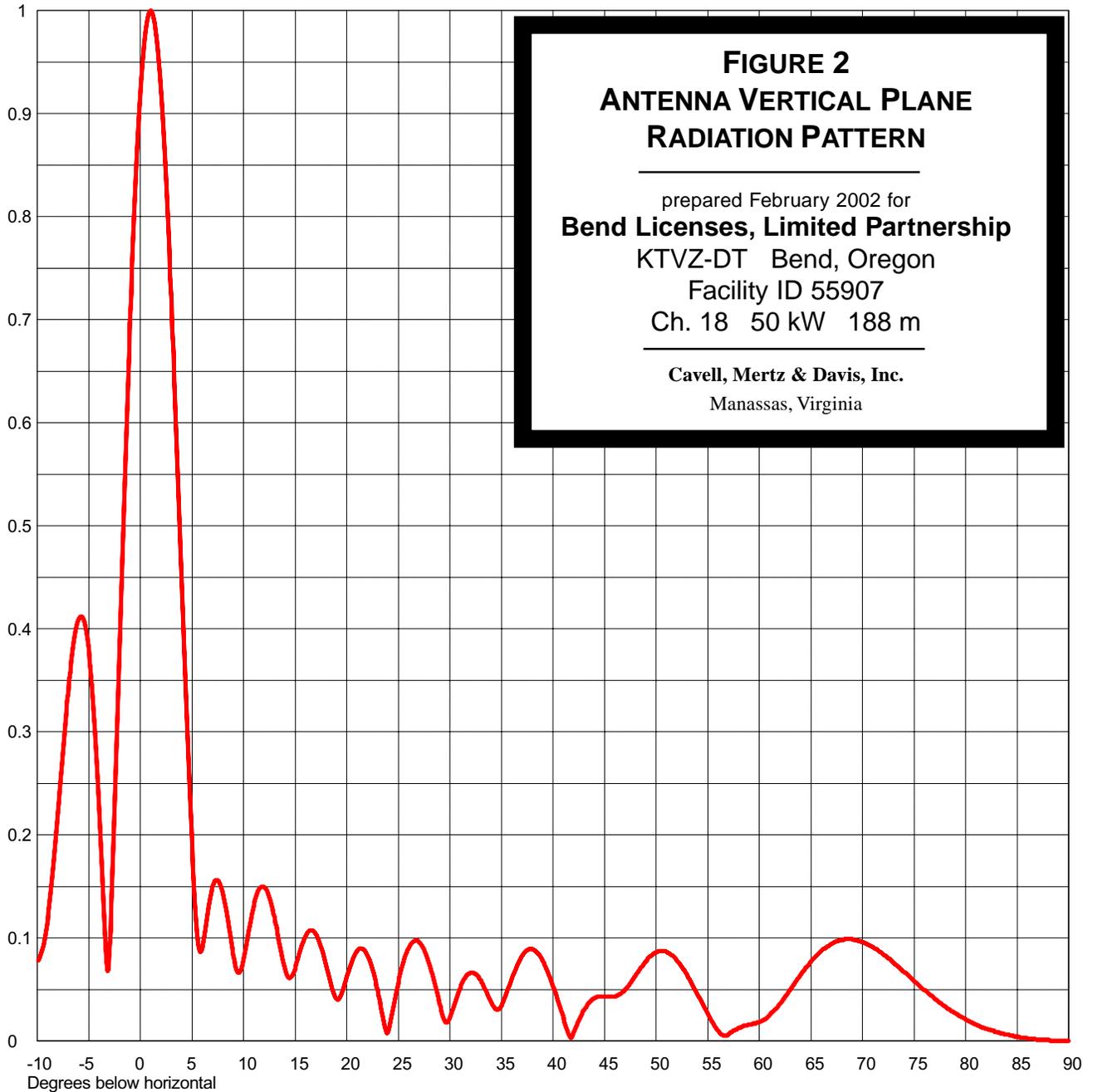


Proposal Number
Date **21 Feb 2002**
Call Letters **KTVZ-DT**
Location **Bend, OR**
Customer
Antenna Type **TFU-12DSB-I**

Revision
Channel **18**

ELEVATION PATTERN

RMS Gain at Main Lobe	12.0 (10.79 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	10.1 (10.04 dB)	Frequency	497.00 MHz
Calculated / Measured	Calculated	Drawing #	12B120100



Remarks:

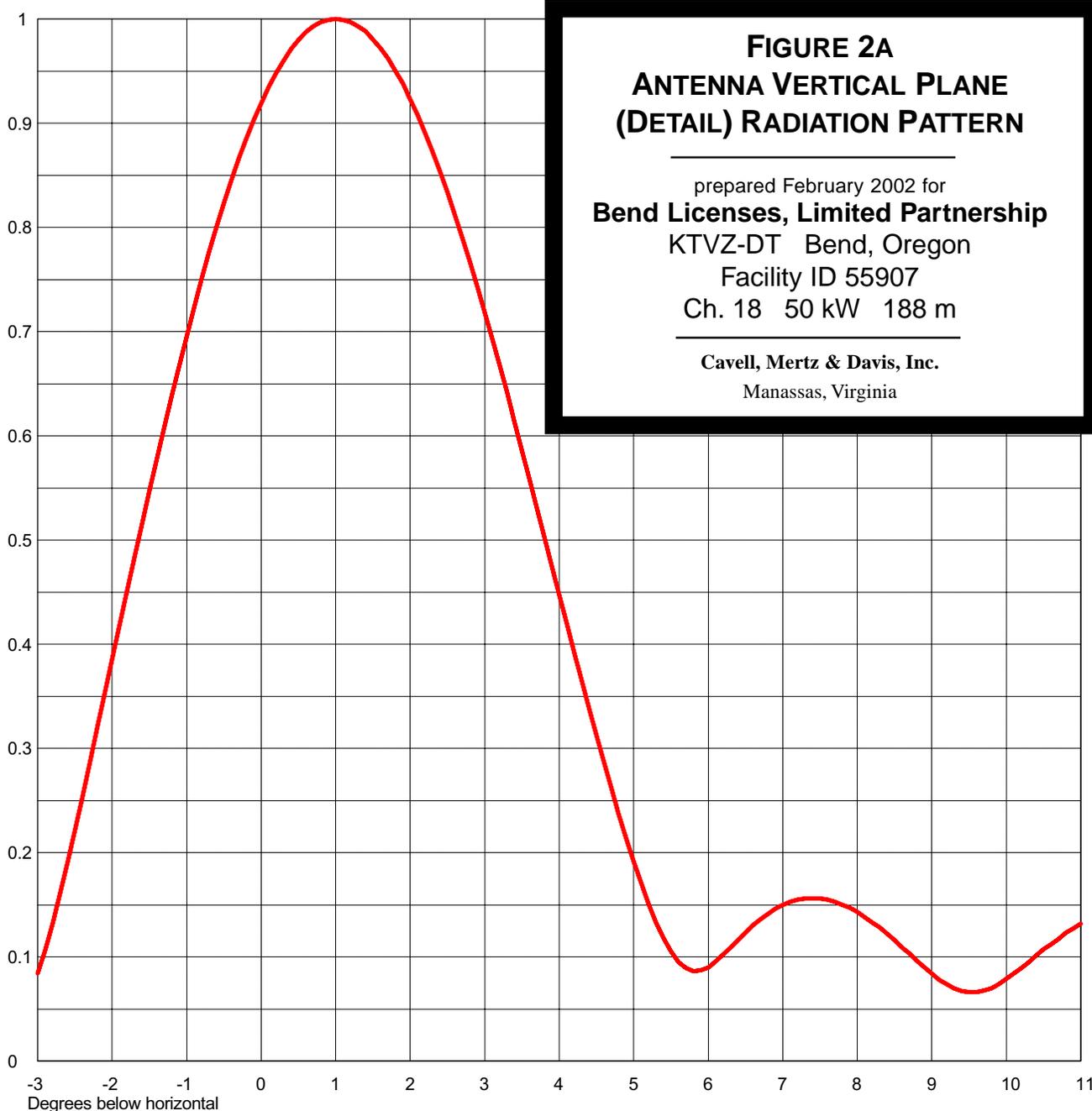


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