

JULY 2002

Dielectric

ANTENNA THEORETICAL HORIZONTAL RADIATION PATTERN

Prepared for
KTVU PARTNERSHIP

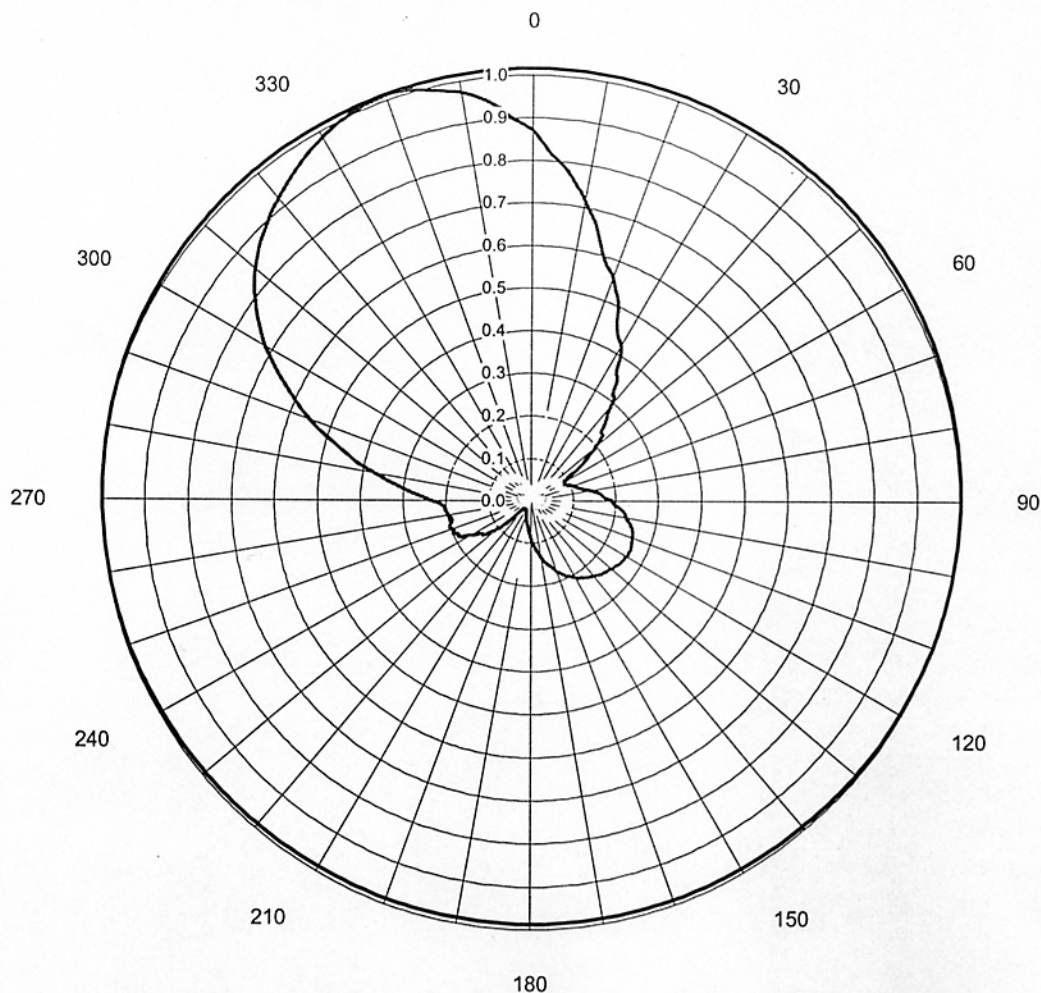
STATION KRXI-DT RENO, NEVADA
CH 44 1000 KW (MAX-DA, BT) 836 METERS

Denny & Associates, P.C. Consulting Engineers

AZIMUTH PATTERN:

Gain **4.53** (6.56 dB)
Calculated / Measured **Calculated**

Frequency **653.00 MHz**
Drawing # **DSB-J-0000**



Mech. Tilt: 1.5
@
Azimuth: 140 deg

JULY 2002



ANTENNA THEORETICAL RADIATION PATTERN
AT 1.5 DEGREE DEPRESSION ANGLE

Prepared for
KTVU PARTNERSHIP

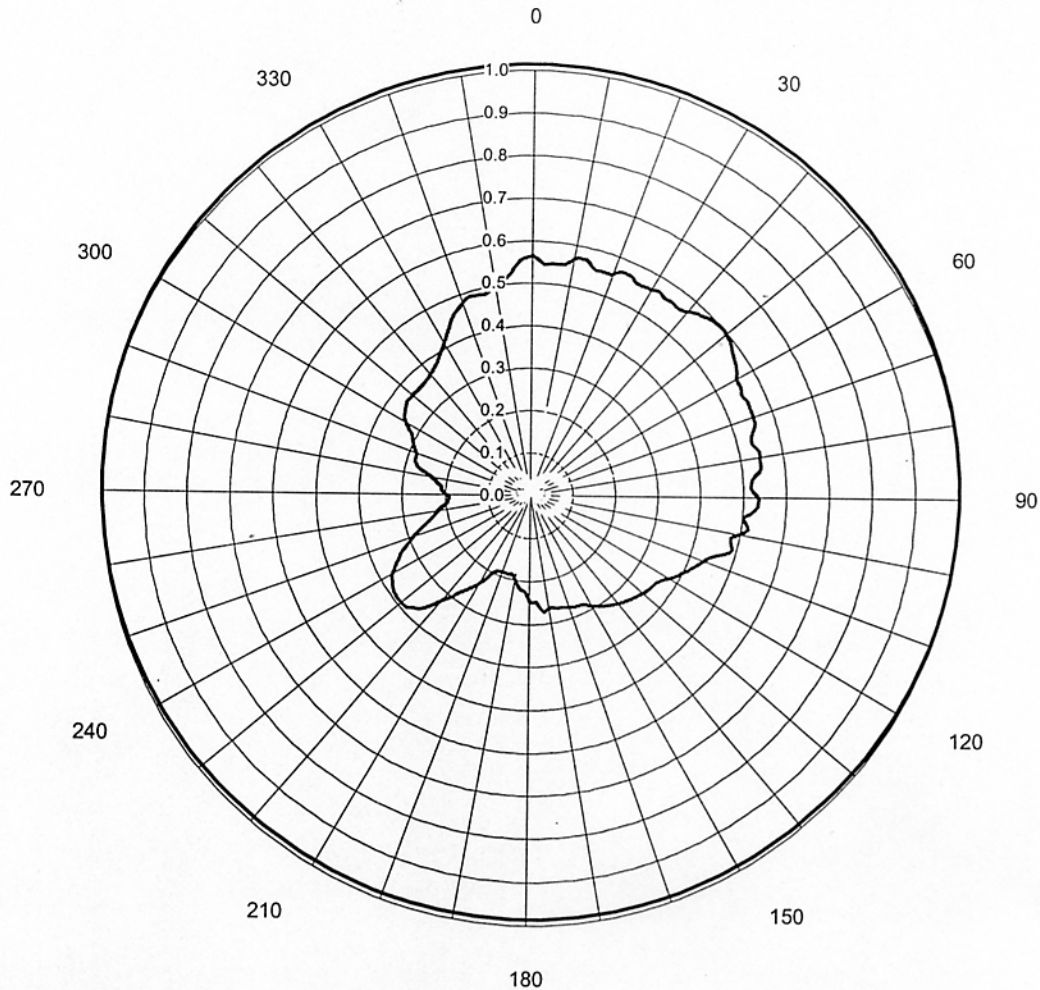
STATION KRXI-DT RENO, NEVADA
CH 44 1000 KW (MAX-DA, BT) 836 METERS

Denny & Associates, P.C. Consulting Engineers

AZIMUTH PATTERN:

Gain 5.91 (7.72 dB)
Calculated / Measured Calculated

Frequency 653.00 MHz
Drawing # DSB-J-0000



Mech. Tilt: 1.5
@
Azimuth: 140 deg

JULY 2002

Dielectric

ANTENNA THEORETICAL RADIATION PATTERN AT 3 DEGREE DEPRESSION ANGLE

Prepared for
KTVU PARTNERSHIP

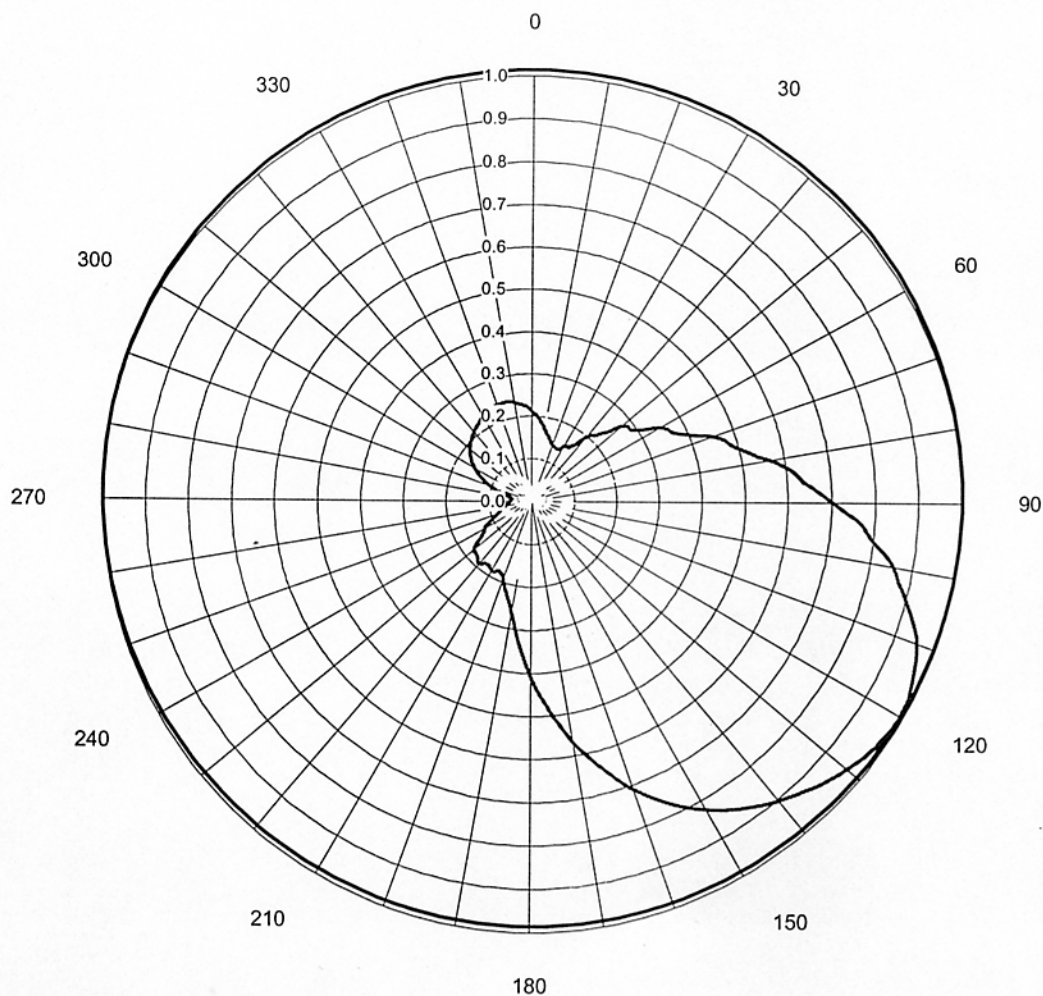
STATION KRXI-DT RENO, NEVADA
CH 44 1000 KW (MAX-DA, BT) 836 METERS

Denny & Associates, P.C. Consulting Engineers

AZIMUTH PATTERN:

Gain **4.56** (6.59 dB)
Calculated / Measured **Calculated**

Frequency **653.00 MHz**
Drawing # **DSB-J-0000**



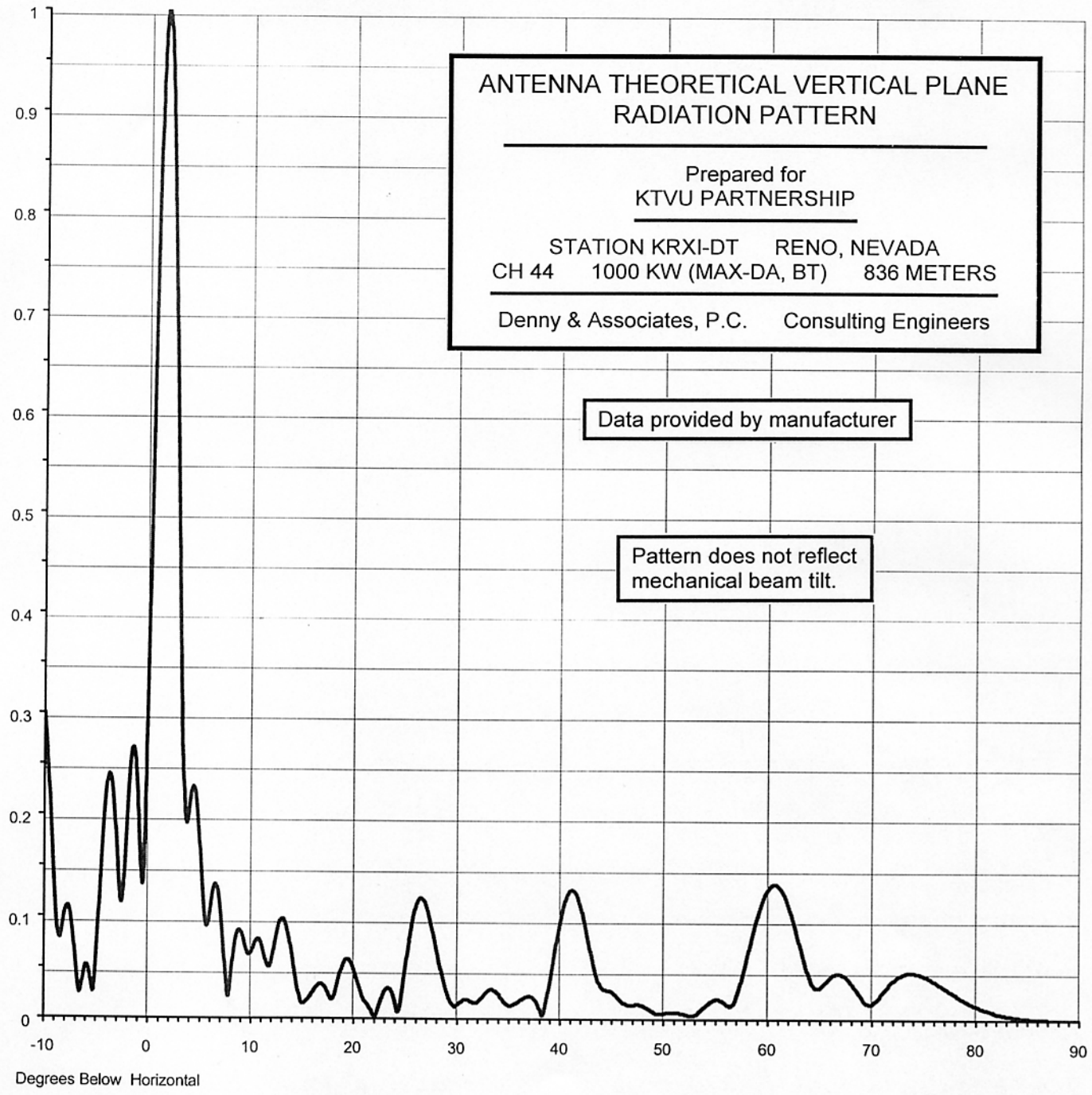
Mech. Tilt: 1.5
@
Azimuth: 140 deg

Dielectric

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ELEVATION PATTERN

RMS Gain at Main Lobe	23.50 (13.71 dB)	Beam Tilt	1.50 deg
RMS Gain at Horizontal	3.20 (5.05 dB)	Frequency	653.00 MHz
Calculated / Measured	Calculated	Drawing #	24B235150-90



Dielectric

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ELEVATION PATTERN

RMS Gain at Main Lobe	23.50 (13.71 dB)	Beam Tilt	1.50 deg
RMS Gain at Horizontal	3.20 (5.05 dB)	Frequency	653.00 MHz
Calculated / Measured	Calculated	Drawing #	24B235150

