

N. Lat. = 42-20-05.0 W. Lng. = 99-29-03.0
 HAAT and Distance to Contour,
 FCC OET,TV 3.2 - 16.1, 130 pts - FCC 30 Meter

KMNE-TV, Nebraska Educational Telecomm, BLEDT-20090225AB

Azi.	AV EL	HAAT	ERP kw	dBk	Field	DAng	VFlld	D-kw	%Max	D-dBk	36-F9
000	745.7	473.3	45.0000	16.53	1.000	0.603	0.896	36.0943	89.6	15.57	116.86
010	745.3	473.7	45.0000	16.53	1.000	0.603	0.896	36.0981	89.6	15.57	116.88
020	744.5	474.5	45.0000	16.53	1.000	0.603	0.896	36.1072	89.6	15.58	116.93
030	738.9	480.1	45.0000	16.53	1.000	0.607	0.897	36.1723	89.7	15.58	117.29
040	739.0	480.0	45.0000	16.53	1.000	0.607	0.897	36.1713	89.7	15.58	117.29
050	735.1	483.9	45.0000	16.53	1.000	0.609	0.897	36.2152	89.7	15.59	117.51
060	735.9	483.1	45.0000	16.53	1.000	0.609	0.897	36.2058	89.7	15.59	117.47
070	737.4	481.6	45.0000	16.53	1.000	0.608	0.897	36.1895	89.7	15.59	117.38
080	742.9	476.1	45.0000	16.53	1.000	0.604	0.896	36.1264	89.6	15.58	117.04
090	743.7	475.3	45.0000	16.53	1.000	0.604	0.896	36.1165	89.6	15.58	116.98
100	748.3	470.7	45.0000	16.53	1.000	0.601	0.895	36.0635	89.5	15.57	116.67
110	751.0	468.0	45.0000	16.53	1.000	0.599	0.895	36.0319	89.5	15.57	116.47
120	756.9	462.1	45.0000	16.53	1.000	0.595	0.894	35.9635	89.4	15.56	116.01
130	761.5	457.5	45.0000	16.53	1.000	0.592	0.893	35.9097	89.3	15.55	115.60
140	762.6	456.4	45.0000	16.53	1.000	0.592	0.893	35.8969	89.3	15.55	115.50
150	769.9	449.1	45.0000	16.53	1.000	0.587	0.892	35.8107	89.2	15.54	114.82
160	768.7	450.3	45.0000	16.53	1.000	0.588	0.892	35.8253	89.2	15.54	114.93
170	771.4	447.6	45.0000	16.53	1.000	0.586	0.892	35.7940	89.2	15.54	114.68
180	779.0	440.0	45.0000	16.53	1.000	0.581	0.891	35.7030	89.1	15.53	113.96
190	778.5	440.5	45.0000	16.53	1.000	0.581	0.891	35.7089	89.1	15.53	114.00
200	777.4	441.6	45.0000	16.53	1.000	0.582	0.891	35.7221	89.1	15.53	114.11
210	779.7	439.3	45.0000	16.53	1.000	0.581	0.891	35.6948	89.1	15.53	113.89
220	776.0	443.0	45.0000	16.53	1.000	0.583	0.891	35.7396	89.1	15.53	114.25
230	777.9	441.1	45.0000	16.53	1.000	0.582	0.891	35.7163	89.1	15.53	114.06
240	779.9	439.1	45.0000	16.53	1.000	0.580	0.891	35.6921	89.1	15.53	113.87
250	781.7	437.3	45.0000	16.53	1.000	0.579	0.890	35.6710	89.0	15.52	113.70
260	773.5	445.5	45.0000	16.53	1.000	0.585	0.892	35.7682	89.2	15.53	114.48
270	778.9	440.1	45.0000	16.53	1.000	0.581	0.891	35.7045	89.1	15.53	113.97
280	775.2	443.8	45.0000	16.53	1.000	0.584	0.891	35.7480	89.1	15.53	114.32
290	773.5	445.5	45.0000	16.53	1.000	0.585	0.892	35.7682	89.2	15.53	114.48
300	772.2	446.8	45.0000	16.53	1.000	0.586	0.892	35.7841	89.2	15.54	114.60
310	767.7	451.3	45.0000	16.53	1.000	0.588	0.892	35.8372	89.2	15.54	115.03
320	765.2	453.8	45.0000	16.53	1.000	0.590	0.893	35.8663	89.3	15.55	115.26
330	759.4	459.6	45.0000	16.53	1.000	0.594	0.894	35.9350	89.4	15.56	115.80
340	753.0	466.0	45.0000	16.53	1.000	0.598	0.895	36.0089	89.5	15.56	116.32
350	749.1	469.9	45.0000	16.53	1.000	0.600	0.895	36.0543	89.5	15.57	116.61

Ave El= 761.02 M HAAT= 457.98 M AMSL= 1219 M



ANDREW

YHF-TV
TRAVELING WAVE ANTENNA
ELEVATION PATTERN
TYPE 16V06- HTO-7

ELEVATION
DIRECTIVITY

15.5

x

11.9

db

BEAM
TILT

1.5

°

-

°

ELECTRICAL

MECHANICAL

CHANNEL

7

DATE 4/87

CUSTOMER NEBRASKA EDUCATIONAL TV

LOCATION BASSETT, NE

RFO

U871103B

EXHIBIT #1 (a)

FCC FORM 302

SECTION II-C

PARAGRAPH 6

RELATIVE FIELD

ABOVE
HORIZON

BELOW
HORIZON

ELEVATION ANGLE, DEGREES

ANDREW

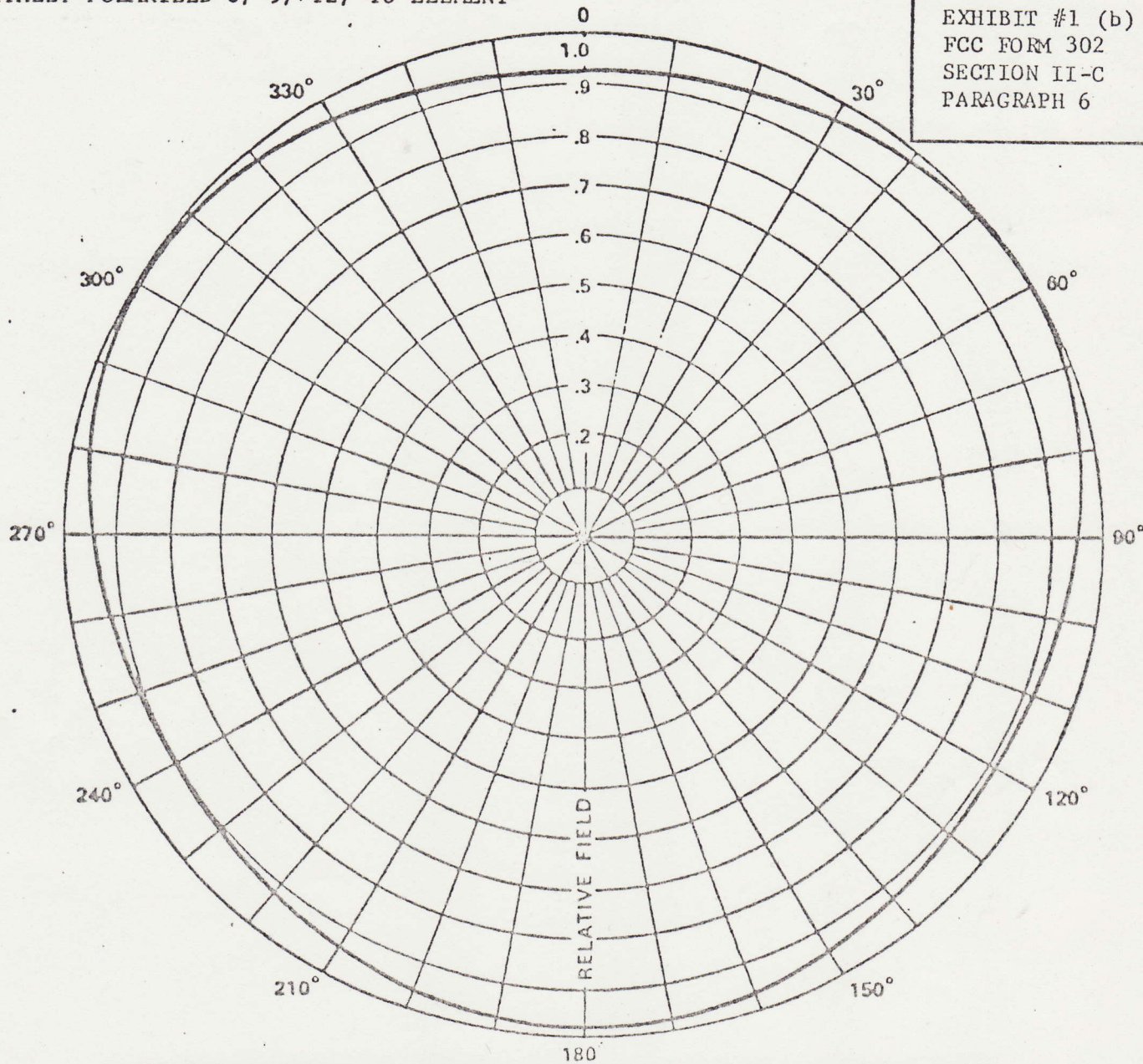
VHF TV SLOT ARRAY AZIMUTH PATTERN

16V06-HT0-7

V SERIES TOP OR SIDE MOUNT OMNI

HORIZONTALLY POLARIZED 6/ 9/ 12/ 16 ELEMENT

EXHIBIT #1 (b)
FCC FORM 302
SECTION II-C
PARAGRAPH 6



CUSTOMER	NEBRASKA ETV COMMISSION	
CHANNEL	7 BASSETT, NE	
HORIZONTAL DIRECTIVITY	1.0	0.0 dB
DIRECTION OF PEAK		