

EXHIBIT 43
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NONIONIZING RADIATION COMPLIANCE

Midessa Television Company
Odessa, TX

The proposed KWES-DT facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed KWES-DT antenna will be a Dielectric TUF-12H-DC nondirectional antenna that will replace the existing antenna presently utilized for the Channel 9 analog operation of KWES-TV atop an existing tower which stands 305.2 meters above ground. This new antenna will be utilized by both the Channel 13 DTV operation of KWES-DT and the Channel 9 analog operation of KWES-TV. This center of radiation of this antenna will be 316.7 meters above ground level and the proposed KWES-DT facilities will operate with an effective radiated power of 25.7 kilowatts. Table 43.0 and Figure 43.0 present the vertical radiation pattern for this antenna. Equation (2), found on Page 30 of Supplement A to OET Bulletin 65, details the calculation technique used to determine the power density at the base of a TV broadcast tower. In this case, however, it is necessary to substitute the proposed average DTV effective radiated power (25.7 kilowatts) for the expression $[0.4ERP_v + ERP_A]$ in this equation to compensate for the fact that DTV power levels are expressed in terms of average power, rather than peak power, as is the case for the visual portion of an analog TV signal. Using this vertical radiation pattern data and substituting these values into this equation yields a predicted maximum power density at two meters above ground level of $0.44 \mu\text{W}/\text{cm}^2$, which will occur at a depression angle of 50.5 degrees below horizontal and at a distance of 259.4 meters from the base of this tower. Since the maximum permitted power density for uncontrolled exposure on TV Channel 13 is $200 \mu\text{W}/\text{cm}^2$, this amounts to only 0.22% of the permitted level for

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uncontrolled exposure. Since this is less than 5% of the permitted level for uncontrolled exposure, the proposed KWES-DT facilities are excluded from environmental processing and need not be considered in conjunction with KWES-TV or any other co-located or nearby facilities to establish compliance with this standard for uncontrolled exposure.

The proposed KWES-DT facilities, in conjunction with KWES-TV, will also take appropriate steps to insure that workers who must climb this tower will not be exposed to power densities exceeding the permitted levels for controlled exposure. This will include a reduction in power or the cessation of operation, as appropriate, by either or both of these stations, at any time that workers must be on this tower in any area where the total power density exceeds the permitted level for controlled exposure.

Proposal Number **DCA-9857**
 Date **11-Mar-02**
 Call Letters **KWES-DT** Channel **13**
 Location **Odessa, TX**
 Customer **Midessa TV Company**
 Antenna Type **TUF-12H-DC**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12S115050-90**

Angle	Field										
-10.0	0.056	2.4	0.612	10.6	0.107	30.5	0.106	51.0	0.284	71.5	0.016
-9.5	0.108	2.6	0.543	10.8	0.088	31.0	0.092	51.5	0.268	72.0	0.012
-9.0	0.144	2.8	0.472	11.0	0.066	31.5	0.075	52.0	0.246	72.5	0.009
-8.5	0.157	3.0	0.403	11.5	0.010	32.0	0.057	52.5	0.220	73.0	0.006
-8.0	0.144	3.2	0.336	12.0	0.050	32.5	0.043	53.0	0.191	73.5	0.005
-7.5	0.106	3.4	0.275	12.5	0.098	33.0	0.036	53.5	0.160	74.0	0.007
-7.0	0.052	3.6	0.222	13.0	0.132	33.5	0.035	54.0	0.129	74.5	0.010
-6.5	0.058	3.8	0.183	13.5	0.148	34.0	0.036	54.5	0.099	75.0	0.013
-6.0	0.130	4.0	0.163	14.0	0.146	34.5	0.034	55.0	0.072	75.5	0.015
-5.5	0.199	4.2	0.162	14.5	0.128	35.0	0.028	55.5	0.050	76.0	0.018
-5.0	0.246	4.4	0.176	15.0	0.099	35.5	0.021	56.0	0.038	76.5	0.021
-4.5	0.259	4.6	0.197	15.5	0.067	36.0	0.018	56.5	0.039	77.0	0.023
-4.0	0.235	4.8	0.218	16.0	0.045	36.5	0.023	57.0	0.047	77.5	0.025
-3.5	0.184	5.0	0.237	16.5	0.044	37.0	0.031	57.5	0.056	78.0	0.026
-3.0	0.165	5.2	0.250	17.0	0.053	37.5	0.038	58.0	0.063	78.5	0.028
-2.8	0.188	5.4	0.258	17.5	0.057	38.0	0.041	58.5	0.067	79.0	0.029
-2.6	0.229	5.6	0.259	18.0	0.050	38.5	0.040	59.0	0.067	79.5	0.030
-2.4	0.282	5.8	0.254	18.5	0.035	39.0	0.034	59.5	0.065	80.0	0.031
-2.2	0.345	6.0	0.244	19.0	0.015	39.5	0.026	60.0	0.060	80.5	0.032
-2.0	0.412	6.2	0.228	19.5	0.016	40.0	0.022	60.5	0.054	81.0	0.033
-1.8	0.481	6.4	0.208	20.0	0.036	40.5	0.029	61.0	0.046	81.5	0.034
-1.6	0.552	6.6	0.184	20.5	0.051	41.0	0.044	61.5	0.037	82.0	0.034
-1.4	0.621	6.8	0.157	21.0	0.057	41.5	0.059	62.0	0.028	82.5	0.035
-1.2	0.688	7.0	0.127	21.5	0.054	42.0	0.072	62.5	0.018	83.0	0.035
-1.0	0.752	7.2	0.097	22.0	0.042	42.5	0.080	63.0	0.009	83.5	0.036
-0.8	0.810	7.4	0.069	22.5	0.023	43.0	0.083	63.5	0.005	84.0	0.036
-0.6	0.862	7.6	0.045	23.0	0.008	43.5	0.079	64.0	0.011	84.5	0.036
-0.4	0.907	7.8	0.039	23.5	0.029	44.0	0.071	64.5	0.019	85.0	0.036
-0.2	0.944	8.0	0.053	24.0	0.049	44.5	0.063	65.0	0.025	85.5	0.037
0.0	0.972	8.2	0.075	24.5	0.064	45.0	0.062	65.5	0.030	86.0	0.037
0.2	0.990	8.4	0.097	25.0	0.069	45.5	0.075	66.0	0.034	86.5	0.037
0.4	0.999	8.6	0.117	25.5	0.065	46.0	0.102	66.5	0.036	87.0	0.037
0.6	0.998	8.8	0.133	26.0	0.052	46.5	0.135	67.0	0.038	87.5	0.036
0.8	0.988	9.0	0.145	26.5	0.032	47.0	0.171	67.5	0.038	88.0	0.036
1.0	0.968	9.2	0.153	27.0	0.018	47.5	0.205	68.0	0.037	88.5	0.036
1.2	0.938	9.4	0.157	27.5	0.036	48.0	0.235	68.5	0.036	89.0	0.036
1.4	0.900	9.6	0.157	28.0	0.063	48.5	0.261	69.0	0.034	89.5	0.036
1.6	0.855	9.8	0.155	28.5	0.086	49.0	0.280	69.5	0.031	90.0	0.036
1.8	0.802	10.0	0.149	29.0	0.104	49.5	0.291	70.0	0.027		
2.0	0.743	10.2	0.138	29.5	0.113	50.0	0.295	70.5	0.024		
2.2	0.680	10.4	0.124	30.0	0.114	50.5	0.293	71.0	0.020		

TABLE 43.0

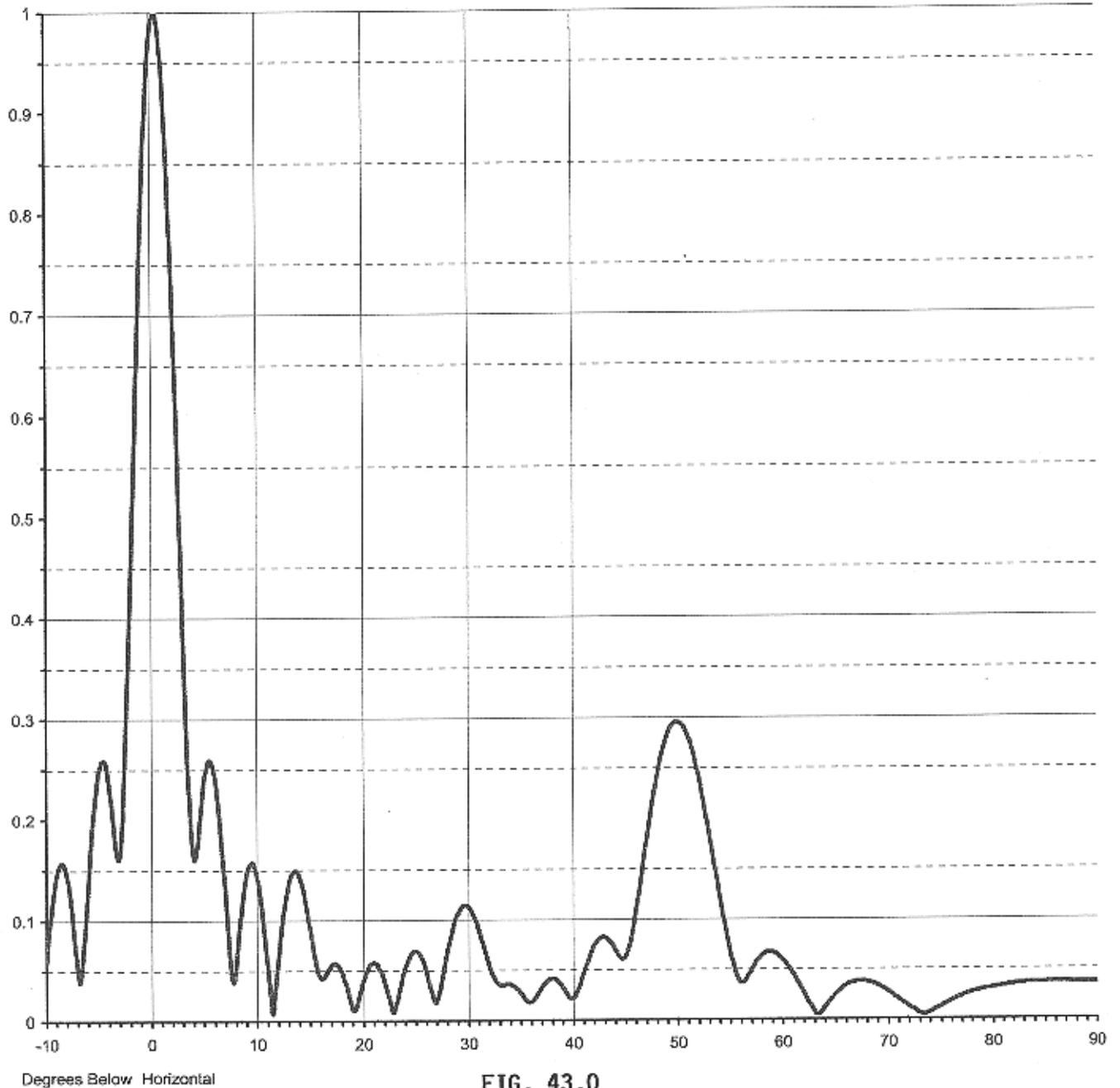
KWES-DT VERTICAL RADIATION PATTERN

Midessa Television Company
 Odessa, TX

Proposal Number **DCA-9857**
Date **11-Mar-02**
Call Letters **KWES-DT** Channel **13**
Location **Odessa, TX**
Customer **Midessa TV Company**
Antenna Type **TUF-12H-DC**

ELEVATION PATTERN

RMS Gain at Main Lobe **11.55 (10.62 dB)** Beam Tilt **0.50 deg**
RMS Gain at Horizontal **10.90 (10.37 dB)** Frequency **213.00 MHz**
Calculated / Measured **Calculated** Drawing # **12S115050-90**



KWES-DT VERTICAL RADIATION PATTERN

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