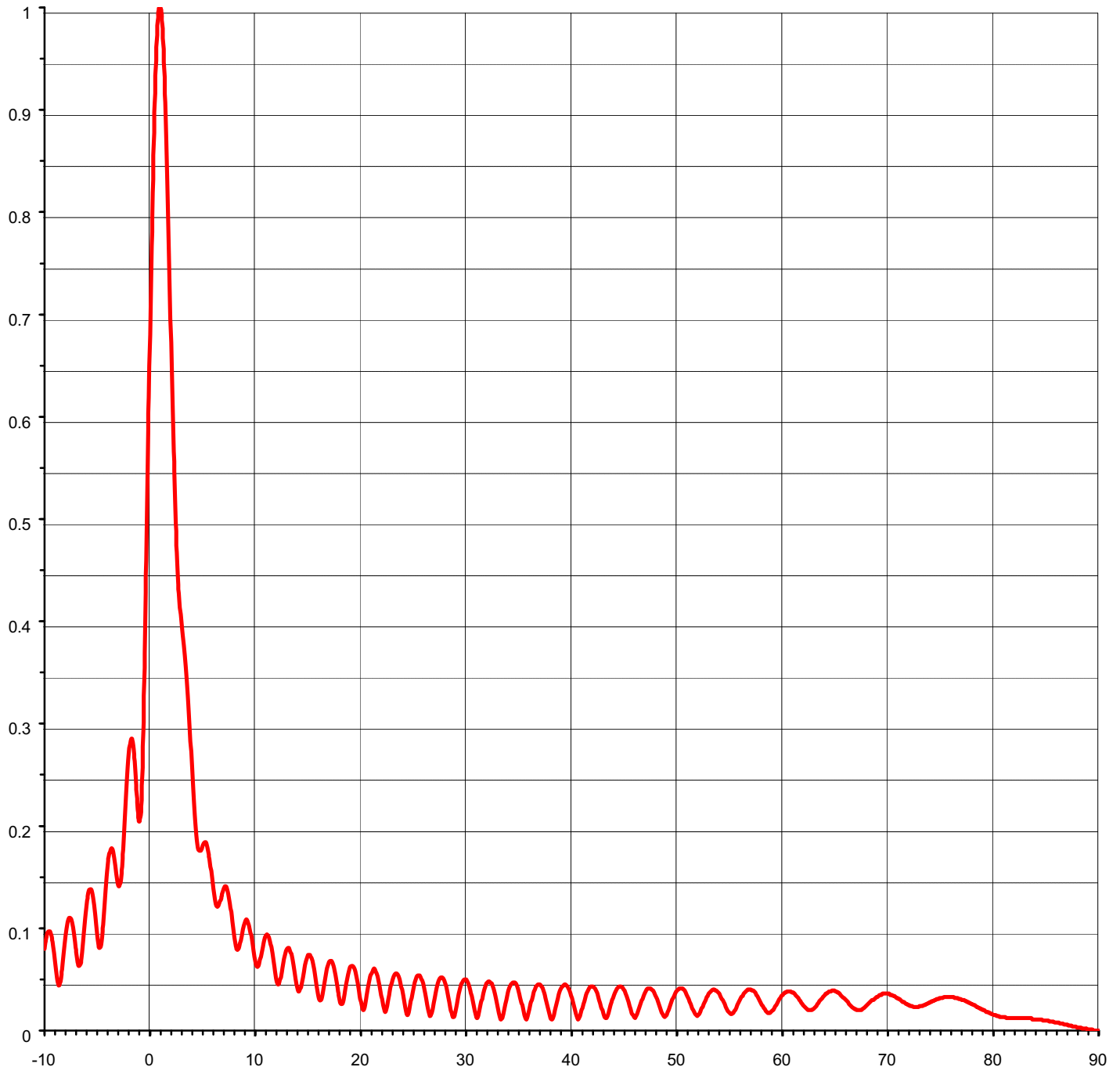




Proposal Number	DCA-9806	Revision:	3
Date	12-Jul-02		
Call Letters	WBDC	Channel	50
Location	Washington, DC		
Customer	Tribune		
Antenna Type	TFU-30ETT-H O6 DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	24.00 (13.80 dB)	Beam Tilt	0.95 deg
RMS Gain at Horizontal	11.10 (10.45 dB)	Frequency	689.00 MHz
Calculated / Measured	Calculated	Drawing #	30E240095-90



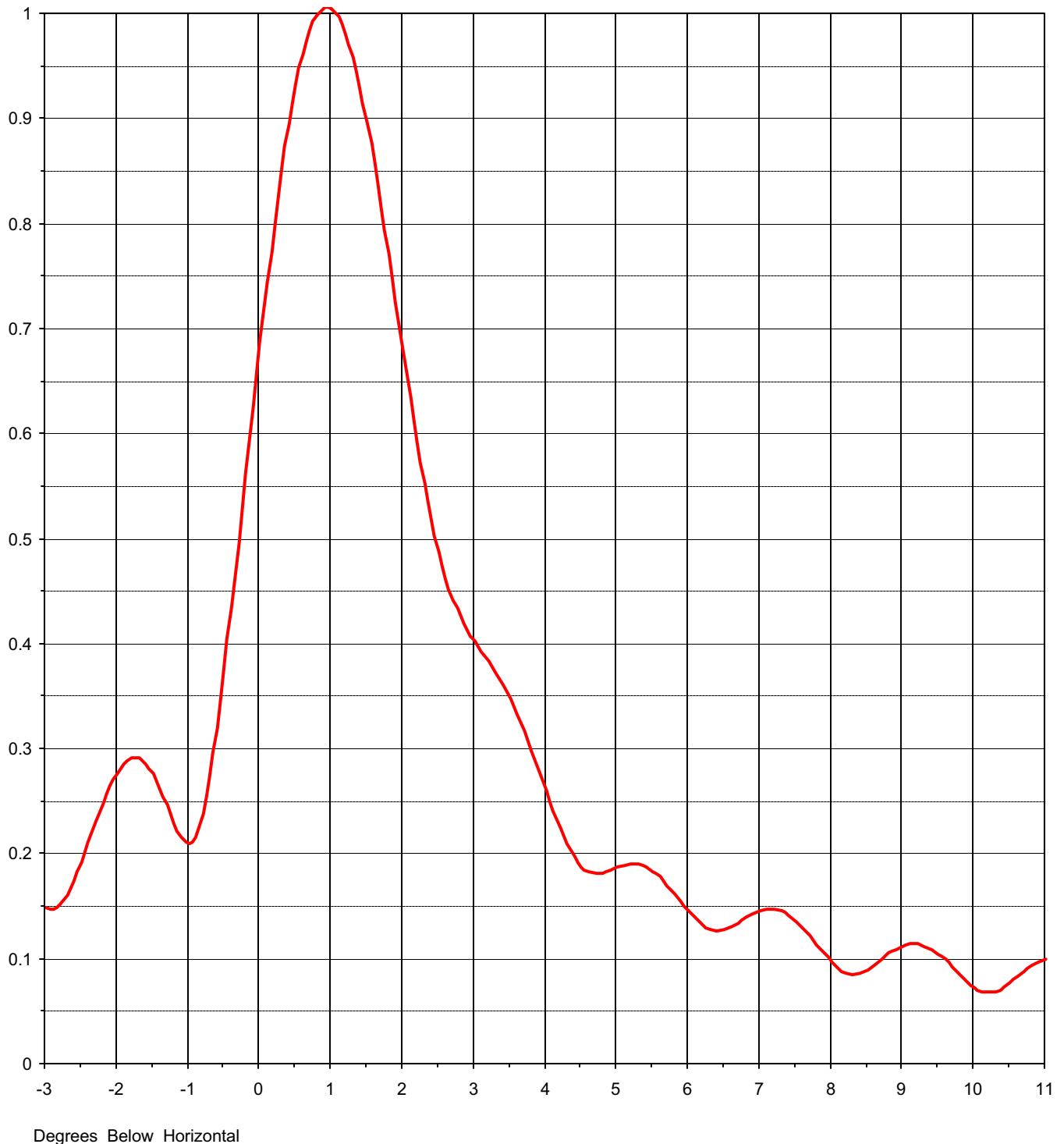
Degrees Below Horizontal



Proposal Number	DCA-9806	Revision:	3
Date	12-Jul-02		
Call Letters	WBDC	Channel	50
Location	Washington, DC		
Customer	Tribune		
Antenna Type	TFU-30ETT-H O6 DC		

ELEVATION PATTERN

RMS Gain at Main Lobe	24.00 (13.80 dB)	Beam Tilt	0.95 deg
RMS Gain at Horizontal	11.10 (10.45 dB)	Frequency	689.00 MHz
Calculated / Measured	Calculated	Drawing #	30E240095





Proposal Number **DCA-9806** Revision: **3**
 Date **12-Jul-02**
 Call Letters **WBDC** Channel **50**
 Location **Washington, DC**
 Customer **Tribune**
 Antenna Type **TFU-30ETT-H O6 DC**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **30E240095-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.080	2.4	0.512	10.6	0.072	30.5	0.039	51.0	0.035	71.5	0.028
-9.5	0.097	2.6	0.456	10.8	0.082	31.0	0.015	51.5	0.023	72.0	0.025
-9.0	0.067	2.8	0.420	11.0	0.091	31.5	0.027	52.0	0.014	72.5	0.023
-8.5	0.048	3.0	0.396	11.5	0.087	32.0	0.046	52.5	0.023	73.0	0.024
-8.0	0.093	3.2	0.377	12.0	0.055	32.5	0.046	53.0	0.034	73.5	0.025
-7.5	0.109	3.4	0.355	12.5	0.052	33.0	0.027	53.5	0.040	74.0	0.028
-7.0	0.077	3.6	0.327	13.0	0.078	33.5	0.012	54.0	0.037	74.5	0.030
-6.5	0.072	3.8	0.292	13.5	0.075	34.0	0.035	54.5	0.028	75.0	0.032
-6.0	0.123	4.0	0.254	14.0	0.045	34.5	0.047	55.0	0.018	75.5	0.033
-5.5	0.135	4.2	0.218	14.5	0.047	35.0	0.041	55.5	0.019	76.0	0.033
-5.0	0.094	4.4	0.191	15.0	0.071	35.5	0.020	56.0	0.029	76.5	0.032
-4.5	0.097	4.6	0.177	15.5	0.068	36.0	0.017	56.5	0.037	77.0	0.030
-4.0	0.161	4.8	0.176	16.0	0.038	36.5	0.038	57.0	0.040	77.5	0.028
-3.5	0.175	5.0	0.181	16.5	0.038	37.0	0.045	57.5	0.037	78.0	0.026
-3.0	0.142	5.2	0.184	17.0	0.064	37.5	0.036	58.0	0.028	78.5	0.023
-2.8	0.145	5.4	0.181	17.5	0.063	38.0	0.016	58.5	0.019	79.0	0.020
-2.6	0.168	5.6	0.172	18.0	0.035	38.5	0.020	59.0	0.018	79.5	0.018
-2.4	0.205	5.8	0.156	18.5	0.033	39.0	0.039	59.5	0.025	80.0	0.015
-2.2	0.242	6.0	0.139	19.0	0.059	39.5	0.045	60.0	0.034	80.5	0.014
-2.0	0.271	6.2	0.126	19.5	0.060	40.0	0.036	60.5	0.038	81.0	0.013
-1.8	0.285	6.4	0.121	20.0	0.034	40.5	0.016	61.0	0.037	81.5	0.012
-1.6	0.279	6.6	0.125	20.5	0.025	41.0	0.018	61.5	0.033	82.0	0.012
-1.4	0.256	6.8	0.133	21.0	0.053	41.5	0.036	62.0	0.026	82.5	0.012
-1.2	0.223	7.0	0.139	21.5	0.058	42.0	0.043	62.5	0.020	83.0	0.012
-1.0	0.204	7.2	0.141	22.0	0.037	42.5	0.037	63.0	0.021	83.5	0.012
-0.8	0.232	7.4	0.135	22.5	0.020	43.0	0.020	63.5	0.027	84.0	0.011
-0.6	0.314	7.6	0.124	23.0	0.046	43.5	0.014	64.0	0.034	84.5	0.011
-0.4	0.428	7.8	0.107	23.5	0.056	44.0	0.032	64.5	0.038	85.0	0.010
-0.2	0.555	8.0	0.091	24.0	0.040	44.5	0.042	65.0	0.038	85.5	0.009
0.0	0.680	8.2	0.080	24.5	0.015	45.0	0.040	65.5	0.035	86.0	0.008
0.2	0.794	8.4	0.080	25.0	0.037	45.5	0.028	66.0	0.030	86.5	0.007
0.4	0.888	8.6	0.088	25.5	0.054	46.0	0.013	66.5	0.024	87.0	0.006
0.6	0.955	8.8	0.099	26.0	0.046	46.5	0.022	67.0	0.020	87.5	0.004
0.8	0.993	9.0	0.106	26.5	0.020	47.0	0.036	67.5	0.020	88.0	0.003
1.0	0.999	9.2	0.108	27.0	0.027	47.5	0.041	68.0	0.025	88.5	0.002
1.2	0.975	9.4	0.103	27.5	0.049	48.0	0.035	68.5	0.030	89.0	0.001
1.4	0.924	9.6	0.093	28.0	0.049	48.5	0.022	69.0	0.033	89.5	0.000
1.6	0.851	9.8	0.086	28.5	0.028	49.0	0.014	69.5	0.036	90.0	0.000
1.8	0.765	10.0	0.072	29.0	0.015	49.5	0.026	70.0	0.036		
2.0	0.673	10.2	0.063	29.5	0.040	50.0	0.038	70.5	0.034		
2.2	0.586	10.4	0.063	30.0	0.050	50.5	0.041	71.0	0.031		