

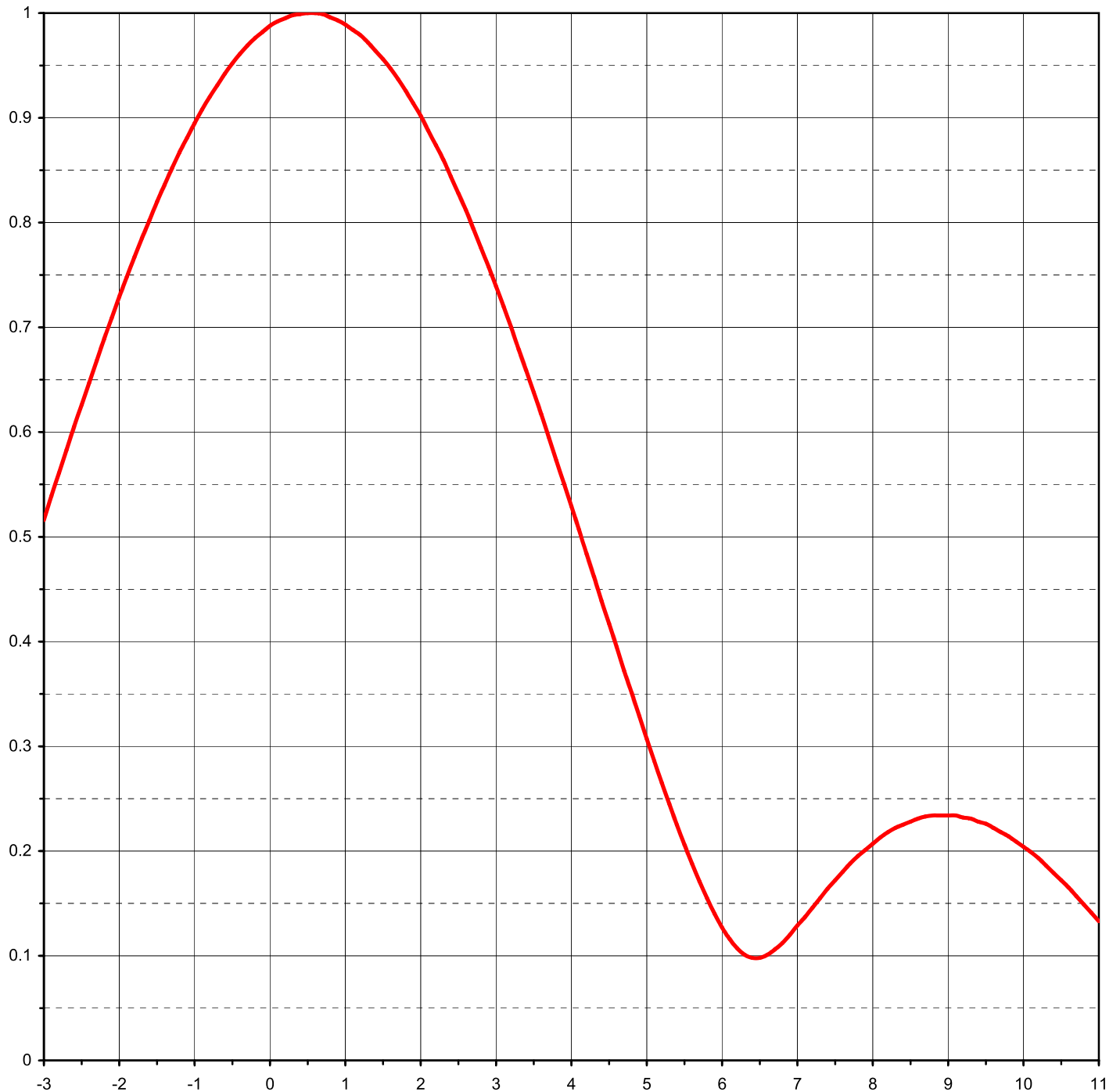


Proposal Number	DCA-10765-2	Revision:	2
Date	22-Nov-04		
Call Letters	KILT		
Location	Houston, TX		
Customer	Richland Towers		
Antenna Type	DCBR-C3SP-10FMB/30U-2		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.95	(6.95 dB)
RMS Gain at Horizontal	4.85	(6.86 dB)
Calculated / Measured	Calculated	

Beam Tilt	0.50 deg
Frequency	100.30 MHz
Drawing #	10C099050

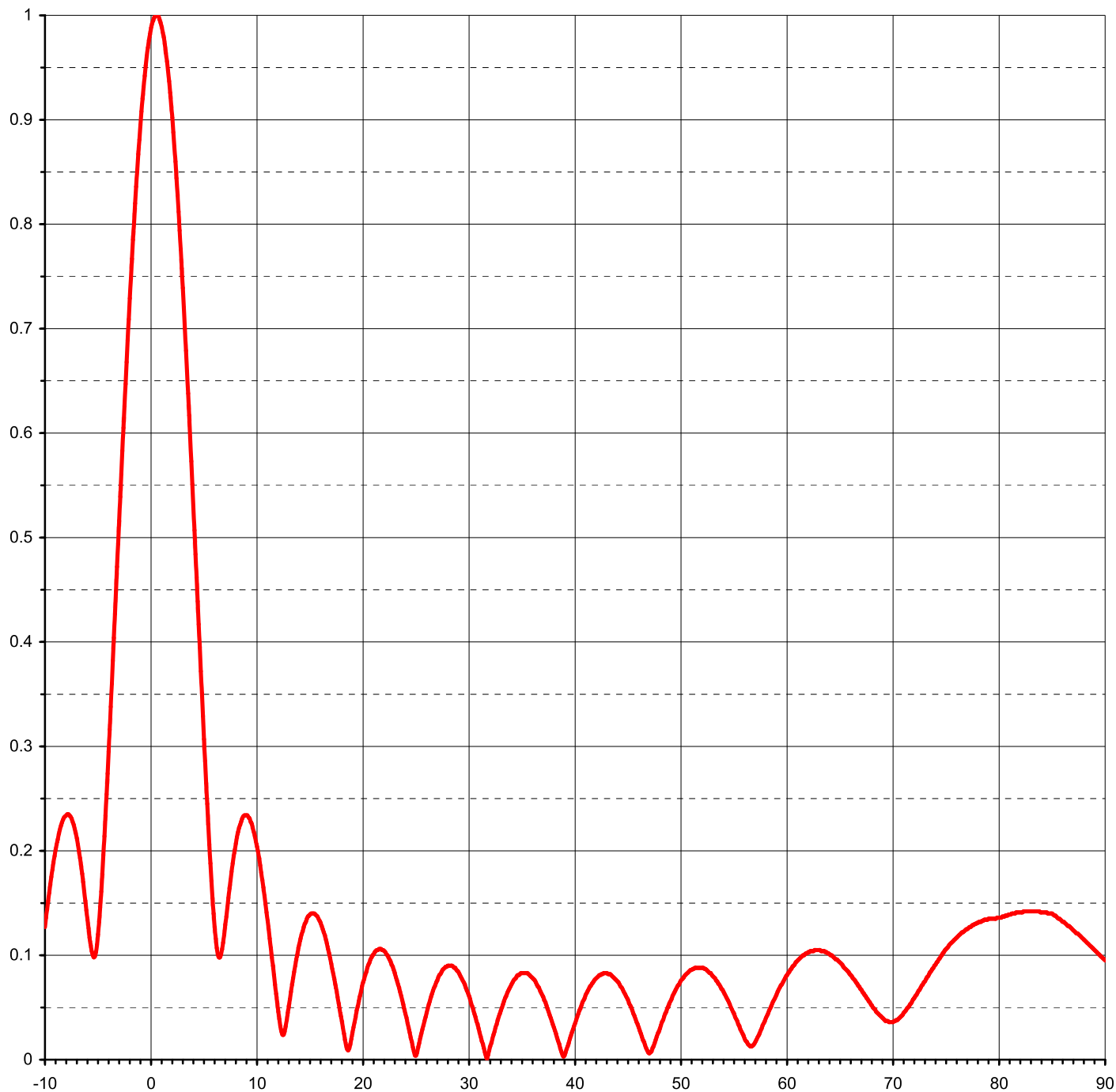




Proposal Number	DCA-10765-2	Revision:	2
Date	22-Nov-04		
Call Letters	KILT		
Location	Houston, TX		
Customer	Richland Towers		
Antenna Type	DCBR-C3SP-10FMB/30U-2		

ELEVATION PATTERN

RMS Gain at Main Lobe	4.95 (6.95 dB)	Beam Tilt	0.50 deg
RMS Gain at Horizontal	4.85 (6.86 dB)	Frequency	100.30 MHz
Calculated / Measured	Calculated	Drawing #	10C099050-90





Proposal Number **DCA-10765-2** Revision: **2**
Date **22-Nov-04**
Call Letters **KILT**
Location **Houston, TX**
Customer **Richland Towers**
Antenna Type **DCBR-C3SP-10FMB/30U-2**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **10C099050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.127	2.4	0.844	10.6	0.172	30.5	0.048	51.0	0.086	71.5	0.051
-9.5	0.168	2.6	0.812	10.8	0.157	31.0	0.030	51.5	0.088	72.0	0.059
-9.0	0.201	2.8	0.776	11.0	0.141	31.5	0.011	52.0	0.088	72.5	0.067
-8.5	0.224	3.0	0.739	11.5	0.098	32.0	0.009	52.5	0.086	73.0	0.075
-8.0	0.234	3.2	0.700	12.0	0.055	32.5	0.027	53.0	0.081	73.5	0.084
-7.5	0.231	3.4	0.659	12.5	0.024	33.0	0.044	53.5	0.075	74.0	0.091
-7.0	0.212	3.6	0.617	13.0	0.045	33.5	0.059	54.0	0.067	74.5	0.099
-6.5	0.178	3.8	0.573	13.5	0.078	34.0	0.070	54.5	0.057	75.0	0.106
-6.0	0.134	4.0	0.529	14.0	0.107	34.5	0.078	55.0	0.046	75.5	0.112
-5.5	0.100	4.2	0.484	14.5	0.127	35.0	0.083	55.5	0.034	76.0	0.117
-5.0	0.120	4.4	0.439	15.0	0.138	35.5	0.083	56.0	0.023	76.5	0.122
-4.5	0.196	4.6	0.395	15.5	0.140	36.0	0.079	56.5	0.014	77.0	0.125
-4.0	0.295	4.8	0.351	16.0	0.133	36.5	0.072	57.0	0.015	77.5	0.129
-3.5	0.404	5.0	0.307	16.5	0.119	37.0	0.062	57.5	0.025	78.0	0.131
-3.0	0.516	5.2	0.265	17.0	0.097	37.5	0.049	58.0	0.037	78.5	0.133
-2.8	0.561	5.4	0.225	17.5	0.071	38.0	0.034	58.5	0.049	79.0	0.135
-2.6	0.605	5.6	0.188	18.0	0.042	38.5	0.018	59.0	0.060	79.5	0.135
-2.4	0.647	5.8	0.155	18.5	0.014	39.0	0.003	59.5	0.071	80.0	0.136
-2.2	0.689	6.0	0.127	19.0	0.020	39.5	0.016	60.0	0.080	80.5	0.137
-2.0	0.729	6.2	0.107	19.5	0.047	40.0	0.032	60.5	0.087	81.0	0.139
-1.8	0.767	6.4	0.098	20.0	0.070	40.5	0.047	61.0	0.094	81.5	0.140
-1.6	0.802	6.6	0.101	20.5	0.088	41.0	0.059	61.5	0.099	82.0	0.141
-1.4	0.836	6.8	0.112	21.0	0.100	41.5	0.070	62.0	0.102	82.5	0.142
-1.2	0.867	7.0	0.129	21.5	0.105	42.0	0.077	62.5	0.104	83.0	0.142
-1.0	0.895	7.2	0.146	22.0	0.105	42.5	0.081	63.0	0.105	83.5	0.142
-0.8	0.920	7.4	0.164	22.5	0.098	43.0	0.083	63.5	0.104	84.0	0.141
-0.6	0.942	7.6	0.180	23.0	0.086	43.5	0.081	64.0	0.102	84.5	0.141
-0.4	0.961	7.8	0.195	23.5	0.069	44.0	0.076	64.5	0.097	85.0	0.140
-0.2	0.976	8.0	0.207	24.0	0.048	44.5	0.069	65.0	0.093	85.5	0.136
0.0	0.988	8.2	0.218	24.5	0.026	45.0	0.059	65.5	0.087	86.0	0.132
0.2	0.995	8.4	0.225	25.0	0.004	45.5	0.047	66.0	0.081	86.5	0.128
0.4	0.999	8.6	0.231	25.5	0.021	46.0	0.034	66.5	0.074	87.0	0.124
0.6	1.000	8.8	0.234	26.0	0.041	46.5	0.019	67.0	0.067	87.5	0.120
0.8	0.996	9.0	0.234	26.5	0.060	47.0	0.007	67.5	0.059	88.0	0.115
1.0	0.989	9.2	0.232	27.0	0.074	47.5	0.013	68.0	0.052	88.5	0.110
1.2	0.979	9.4	0.228	27.5	0.084	48.0	0.027	68.5	0.045	89.0	0.105
1.4	0.964	9.6	0.222	28.0	0.089	48.5	0.041	69.0	0.040	89.5	0.100
1.6	0.947	9.8	0.218	28.5	0.090	49.0	0.054	69.5	0.037	90.0	0.095
1.8	0.926	10.0	0.209	29.0	0.085	49.5	0.065	70.0	0.036		
2.0	0.902	10.2	0.199	29.5	0.076	50.0	0.074	70.5	0.039		
2.2	0.874	10.4	0.186	30.0	0.064	50.5	0.081	71.0	0.045		