

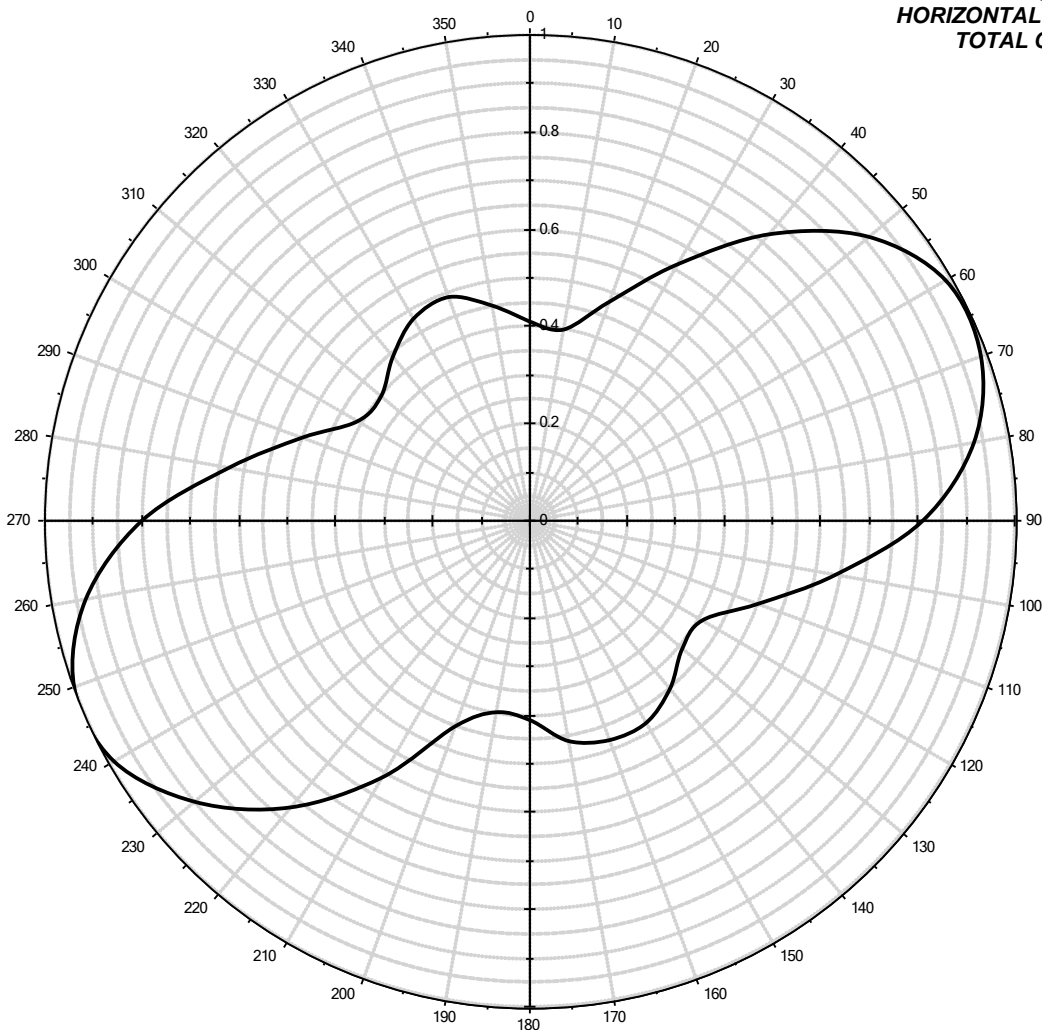
DA Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Antenna Pattern: Antenna ID: 20548

WEDW-DT
BRIDGEPORT, CT
CHANNEL 49
RCA, TFU-20JDAS/P
HORIZONTAL GAIN = 3.69 DB
TOTAL GAIN = 16.24 DB



Note: display reflects rotation of 0.00°

Antenna Details:

0°	0.410	60°	0.990	120°	0.410	180°	0.410	240°	0.990	300°	0.410
10°	0.400	70°	0.990	130°	0.410	190°	0.400	250°	1.000	310°	0.400
20°	0.480	80°	0.930	140°	0.450	200°	0.450	260°	0.930	320°	0.440
30°	0.610	90°	0.810	150°	0.480	210°	0.610	270°	0.800	330°	0.480
40°	0.770	100°	0.640	160°	0.480	220°	0.770	280°	0.630	340°	0.490
50°	0.910	110°	0.500	170°	0.460	230°	0.900	290°	0.500	350°	0.450

Antenna Make: RCA

Standard Pattern:

Antenna Model: ODD870908KE

Last Change Date:



Proposal Number

Date

Call Letters

Location

Customer

Antenna Type

Revision

06 Feb 2008

Channel

ELEVATION PATTERN

RMS Gain at Main Lobe

18.0 (12.55 dB)

Beam Tilt

0.75 Degrees

RMS Gain at Horizontal

13.9 (11.43 dB)

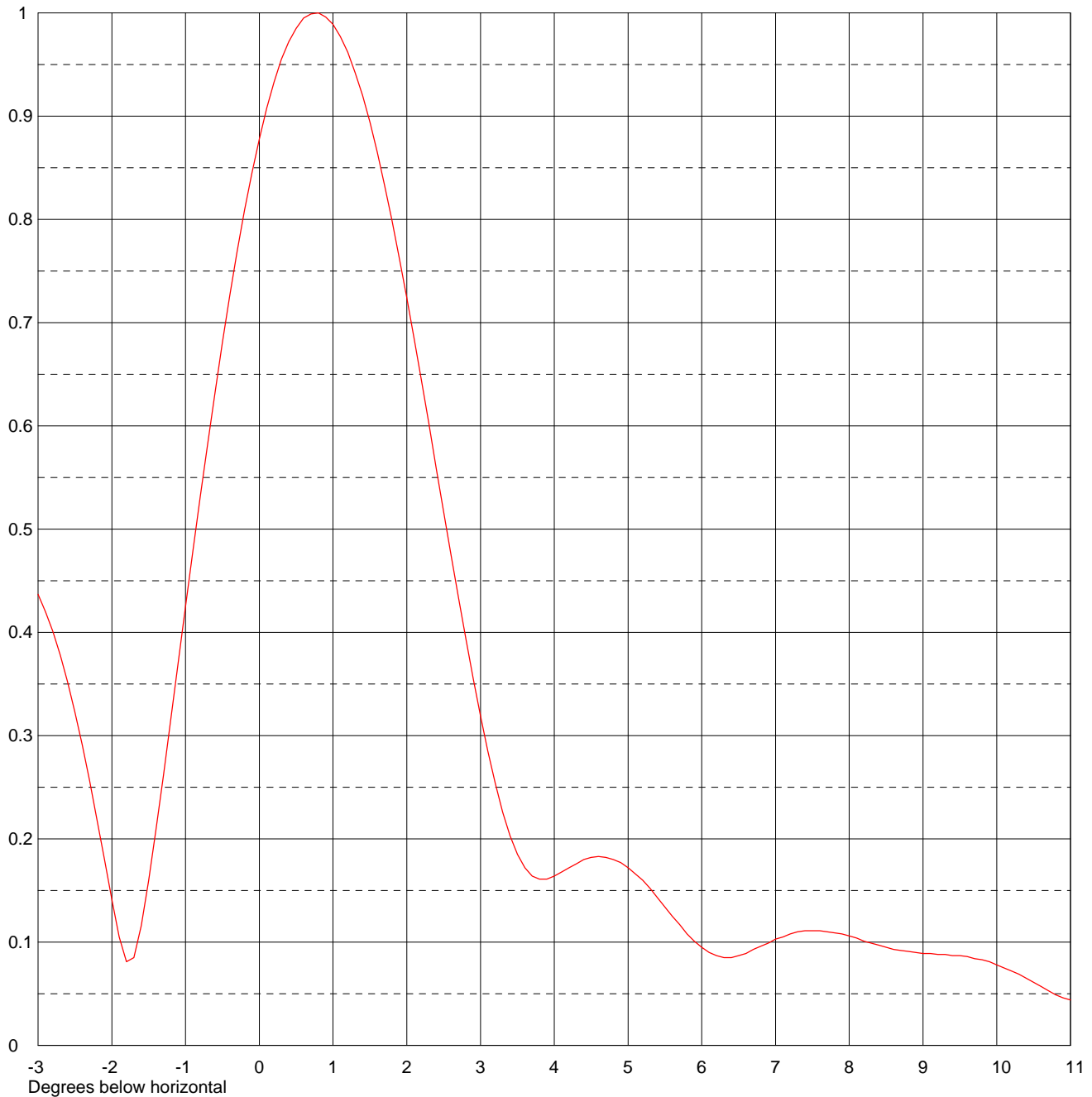
Frequency

MHz

Calculated / Measured

Calculated

Drawing #

20J180075

Remarks:



Proposal Number

Date

Call Letters

Location

Customer

Antenna Type

Revision

06 Feb 2008

Channel

ELEVATION PATTERN

RMS Gain at Main Lobe

18.0 (12.55 dB)

Beam Tilt

0.75 Degrees

RMS Gain at Horizontal

13.9 (11.43 dB)

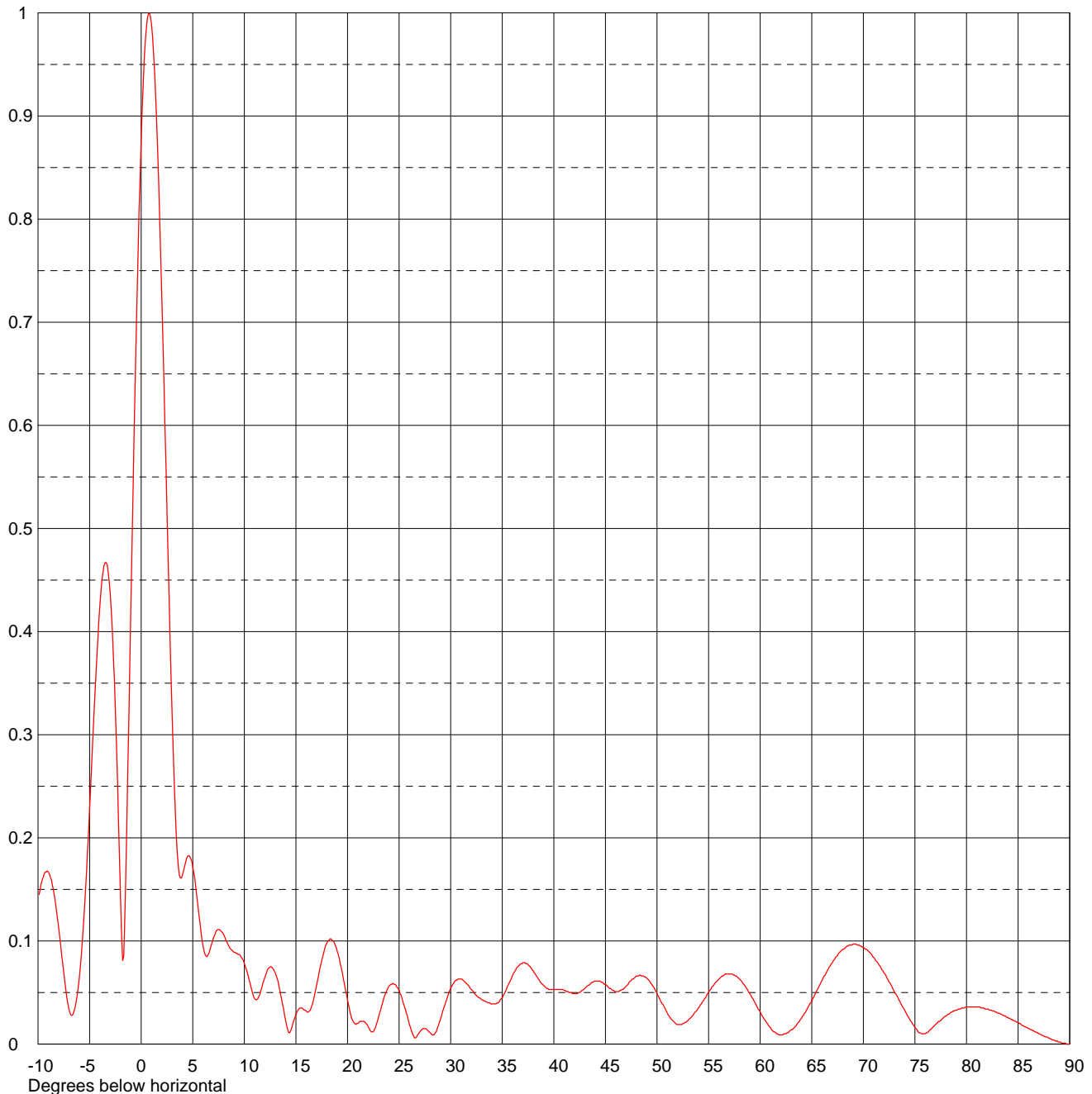
Frequency

MHz

Calculated / Measured

Calculated

Drawing #

20J180075-90

Remarks:



Proposal Number

Revision

Date

06 Feb 2008

Call Letters

Channel

Location

Customer

Antenna Type

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #

20J180075-90

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.139	2.4	0.559	10.6	0.057	30.5	0.062	51.0	0.030	71.5	0.077
-9.5	0.162	2.6	0.475	10.8	0.049	31.0	0.063	51.5	0.023	72.0	0.069
-9.0	0.167	2.8	0.394	11.0	0.044	31.5	0.059	52.0	0.019	72.5	0.060
-8.5	0.149	3.0	0.319	11.5	0.048	32.0	0.053	52.5	0.020	73.0	0.051
-8.0	0.113	3.2	0.254	12.0	0.065	32.5	0.047	53.0	0.023	73.5	0.042
-7.5	0.069	3.4	0.203	12.5	0.075	33.0	0.043	53.5	0.028	74.0	0.033
-7.0	0.034	3.6	0.172	13.0	0.069	33.5	0.041	54.0	0.035	74.5	0.024
-6.5	0.032	3.8	0.161	13.5	0.049	34.0	0.039	54.5	0.042	75.0	0.016
-6.0	0.064	4.0	0.164	14.0	0.023	34.5	0.040	55.0	0.050	75.5	0.011
-5.5	0.131	4.2	0.172	14.5	0.013	35.0	0.045	55.5	0.057	76.0	0.010
-5.0	0.228	4.4	0.180	15.0	0.029	35.5	0.056	56.0	0.063	76.5	0.014
-4.5	0.336	4.6	0.183	15.5	0.035	36.0	0.067	56.5	0.067	77.0	0.019
-4.0	0.426	4.8	0.180	16.0	0.032	36.5	0.075	57.0	0.068	77.5	0.023
-3.5	0.467	5.0	0.172	16.5	0.036	37.0	0.079	57.5	0.067	78.0	0.027
-3.0	0.437	5.2	0.160	17.0	0.057	37.5	0.077	58.0	0.063	78.5	0.031
-2.8	0.401	5.4	0.143	17.5	0.081	38.0	0.071	58.5	0.057	79.0	0.033
-2.6	0.352	5.6	0.125	18.0	0.098	38.5	0.063	59.0	0.049	79.5	0.035
-2.4	0.291	5.8	0.108	18.5	0.101	39.0	0.057	59.5	0.040	80.0	0.036
-2.2	0.218	6.0	0.095	19.0	0.090	39.5	0.053	60.0	0.031	80.5	0.036
-2.0	0.141	6.2	0.087	19.5	0.069	40.0	0.053	60.5	0.023	81.0	0.036
-1.8	0.081	6.4	0.085	20.0	0.043	40.5	0.053	61.0	0.016	81.5	0.035
-1.6	0.116	6.6	0.089	20.5	0.023	41.0	0.052	61.5	0.011	82.0	0.034
-1.4	0.210	6.8	0.096	21.0	0.020	41.5	0.050	62.0	0.009	82.5	0.032
-1.2	0.316	7.0	0.103	21.5	0.022	42.0	0.049	62.5	0.010	83.0	0.030
-1.0	0.425	7.2	0.108	22.0	0.017	42.5	0.050	63.0	0.014	83.5	0.028
-0.8	0.532	7.4	0.111	22.5	0.012	43.0	0.054	63.5	0.018	84.0	0.026
-0.6	0.633	7.6	0.111	23.0	0.026	43.5	0.058	64.0	0.025	84.5	0.023
-0.4	0.726	7.8	0.109	23.5	0.044	44.0	0.061	64.5	0.033	85.0	0.021
-0.2	0.809	8.0	0.106	24.0	0.056	44.5	0.061	65.0	0.042	85.5	0.018
0.0	0.878	8.2	0.101	24.5	0.058	45.0	0.058	65.5	0.052	86.0	0.015
0.2	0.933	8.4	0.097	25.0	0.052	45.5	0.054	66.0	0.062	86.5	0.013
0.4	0.972	8.6	0.093	25.5	0.037	46.0	0.051	66.5	0.071	87.0	0.010
0.6	0.995	8.8	0.091	26.0	0.019	46.5	0.052	67.0	0.079	87.5	0.008
0.8	1.000	9.0	0.089	26.5	0.006	47.0	0.056	67.5	0.086	88.0	0.006
1.0	0.989	9.2	0.088	27.0	0.012	47.5	0.062	68.0	0.092	88.5	0.004
1.2	0.962	9.4	0.087	27.5	0.015	48.0	0.066	68.5	0.095	89.0	0.002
1.4	0.920	9.6	0.086	28.0	0.011	48.5	0.066	69.0	0.097	89.5	0.001
1.6	0.865	9.8	0.083	28.5	0.011	49.0	0.064	69.5	0.096	90.0	0.000
1.8	0.799	10.0	0.078	29.0	0.024	49.5	0.058	70.0	0.094		
2.0	0.724	10.2	0.072	29.5	0.040	50.0	0.049	70.5	0.090		
2.2	0.643	10.4	0.065	30.0	0.054	50.5	0.039	71.0	0.084		

Remarks: