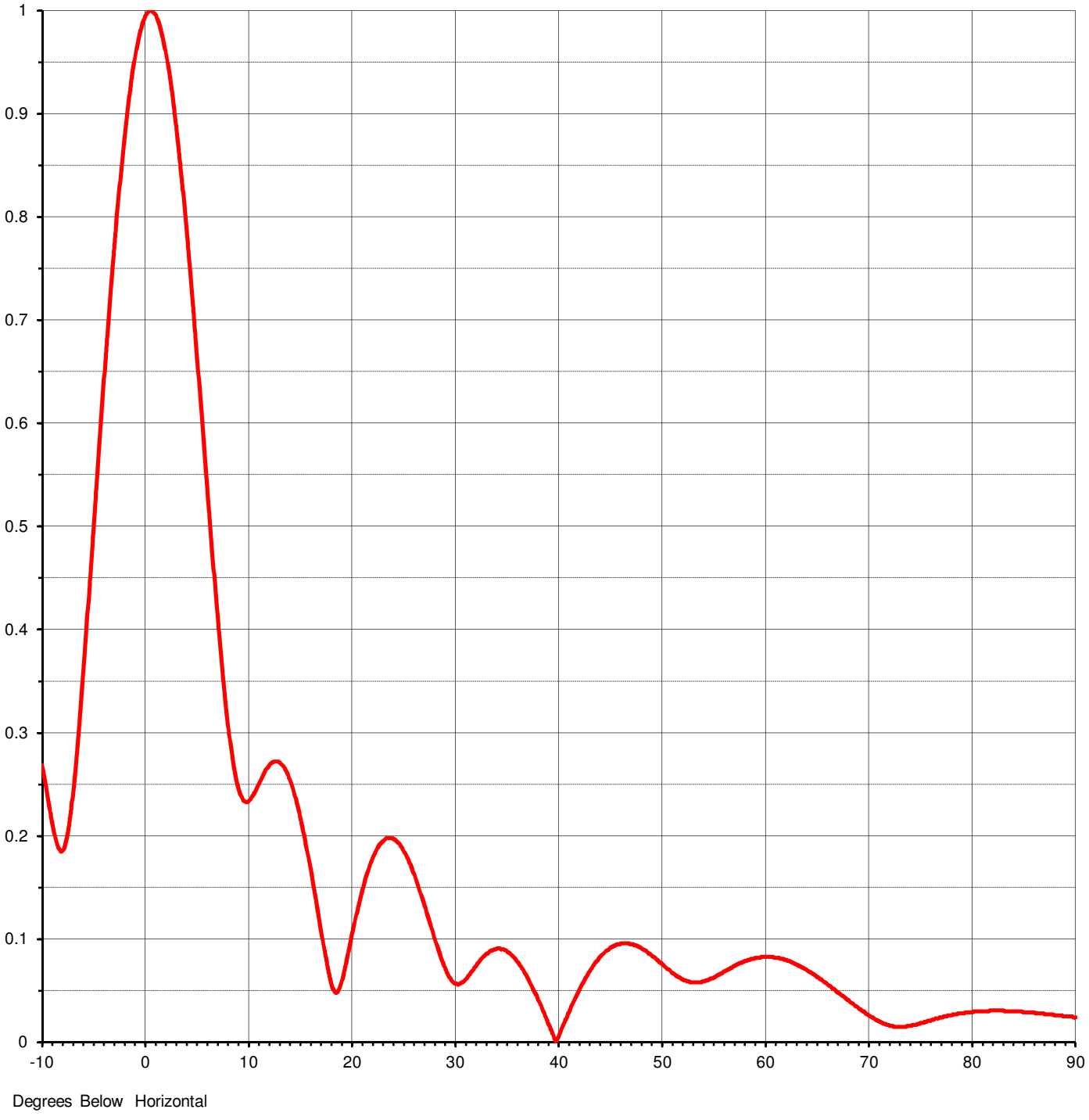
Dielectric

Proposal Number			
Date	**6-Feb-12**		
Call Letters		Channel	**208**
Location	**San Diego**		
Customer			
Antenna Type	**DCRQ8B**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**3.20 (5.05 dB)**	Beam Tilt	**0.50 deg**
RMS Gain at Horizontal	**3.17 (5.01 dB)**	Frequency	**89.50 MHz**
Calculated / Measured	**Calculated**		



Dielectric

Proposal Number
Date **6-Feb-12**
Call Letters
Location **San Diego**
Customer
Antenna Type **DCRQ8B**

TABULATION OF ELEVATION PATTERN

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.269	2.4	0.933	10.6	0.241	30.5	0.057	51.0	0.068	71.5	0.018
-9.5	0.240	2.6	0.919	10.8	0.245	31.0	0.060	51.5	0.064	72.0	0.016
-9.0	0.212	2.8	0.903	11.0	0.249	31.5	0.066	52.0	0.061	72.5	0.015
-8.5	0.191	3.0	0.886	11.5	0.259	32.0	0.073	52.5	0.059	73.0	0.015
-8.0	0.186	3.2	0.868	12.0	0.267	32.5	0.080	53.0	0.058	73.5	0.015
-7.5	0.203	3.4	0.849	12.5	0.272	33.0	0.085	53.5	0.058	74.0	0.016
-7.0	0.242	3.6	0.828	13.0	0.272	33.5	0.089	54.0	0.059	74.5	0.017
-6.5	0.296	3.8	0.807	13.5	0.267	34.0	0.090	54.5	0.060	75.0	0.019
-6.0	0.360	4.0	0.785	14.0	0.256	34.5	0.090	55.0	0.062	75.5	0.020
-5.5	0.429	4.2	0.762	14.5	0.241	35.0	0.089	55.5	0.065	76.0	0.021
-5.0	0.501	4.4	0.739	15.0	0.222	35.5	0.085	56.0	0.068	76.5	0.023
-4.5	0.573	4.6	0.715	15.5	0.199	36.0	0.079	56.5	0.071	77.0	0.024
-4.0	0.643	4.8	0.690	16.0	0.172	36.5	0.072	57.0	0.074	77.5	0.025
-3.5	0.710	5.0	0.665	16.5	0.144	37.0	0.064	57.5	0.076	78.0	0.026
-3.0	0.773	5.2	0.639	17.0	0.114	37.5	0.054	58.0	0.078	78.5	0.027
-2.8	0.796	5.4	0.613	17.5	0.085	38.0	0.044	58.5	0.080	79.0	0.028
-2.6	0.818	5.6	0.587	18.0	0.060	38.5	0.032	59.0	0.081	79.5	0.029
-2.4	0.840	5.8	0.561	18.5	0.048	39.0	0.020	59.5	0.082	80.0	0.029
-2.2	0.860	6.0	0.535	19.0	0.056	39.5	0.008	60.0	0.083	80.5	0.030
-2.0	0.879	6.2	0.510	19.5	0.076	40.0	0.004	60.5	0.083	81.0	0.030
-1.8	0.897	6.4	0.484	20.0	0.100	40.5	0.016	61.0	0.082	81.5	0.030
-1.6	0.914	6.6	0.459	20.5	0.123	41.0	0.028	61.5	0.081	82.0	0.031
-1.4	0.929	6.8	0.434	21.0	0.144	41.5	0.039	62.0	0.080	82.5	0.031
-1.2	0.943	7.0	0.411	21.5	0.162	42.0	0.049	62.5	0.078	83.0	0.031
-1.0	0.955	7.2	0.388	22.0	0.176	42.5	0.059	63.0	0.076	83.5	0.030
-0.8	0.966	7.4	0.366	22.5	0.187	43.0	0.068	63.5	0.073	84.0	0.030
-0.6	0.976	7.6	0.345	23.0	0.194	43.5	0.075	64.0	0.071	84.5	0.030
-0.4	0.983	7.8	0.325	23.5	0.198	44.0	0.082	64.5	0.067	85.0	0.029
-0.2	0.990	8.0	0.307	24.0	0.198	44.5	0.087	65.0	0.063	85.5	0.029
0.0	0.995	8.2	0.291	24.5	0.194	45.0	0.091	65.5	0.060	86.0	0.029
0.2	0.998	8.4	0.277	25.0	0.187	45.5	0.094	66.0	0.056	86.5	0.028
0.4	1.000	8.6	0.264	25.5	0.178	46.0	0.095	66.5	0.052	87.0	0.027
0.6	1.000	8.8	0.254	26.0	0.165	46.5	0.096	67.0	0.048	87.5	0.027
0.8	0.998	9.0	0.246	26.5	0.151	47.0	0.095	67.5	0.045	88.0	0.026
1.0	0.996	9.2	0.240	27.0	0.136	47.5	0.094	68.0	0.041	88.5	0.026
1.2	0.991	9.4	0.236	27.5	0.120	48.0	0.092	68.5	0.037	89.0	0.025
1.4	0.985	9.6	0.234	28.0	0.103	48.5	0.089	69.0	0.033	89.5	0.025
1.6	0.977	9.8	0.233	28.5	0.088	49.0	0.085	69.5	0.030	90.0	0.024
1.8	0.968	10.0	0.233	29.0	0.074	49.5	0.081	70.0	0.026		
2.0	0.958	10.2	0.235	29.5	0.063	50.0	0.077	70.5	0.023		
2.2	0.946	10.4	0.238	30.0	0.057	50.5	0.072	71.0	0.020		