



Date

26 Sep 2006

Call Letters

Location

Customer

Antenna Type

DCR-M12B

**ELEVATION PATTERN**

RMS Gain at Main Lobe

**6.1 (7.85 dB)**

Beam Tilt

**0.75 Degrees**

RMS Gain at Horizontal

**5.7 (7.56 dB)**

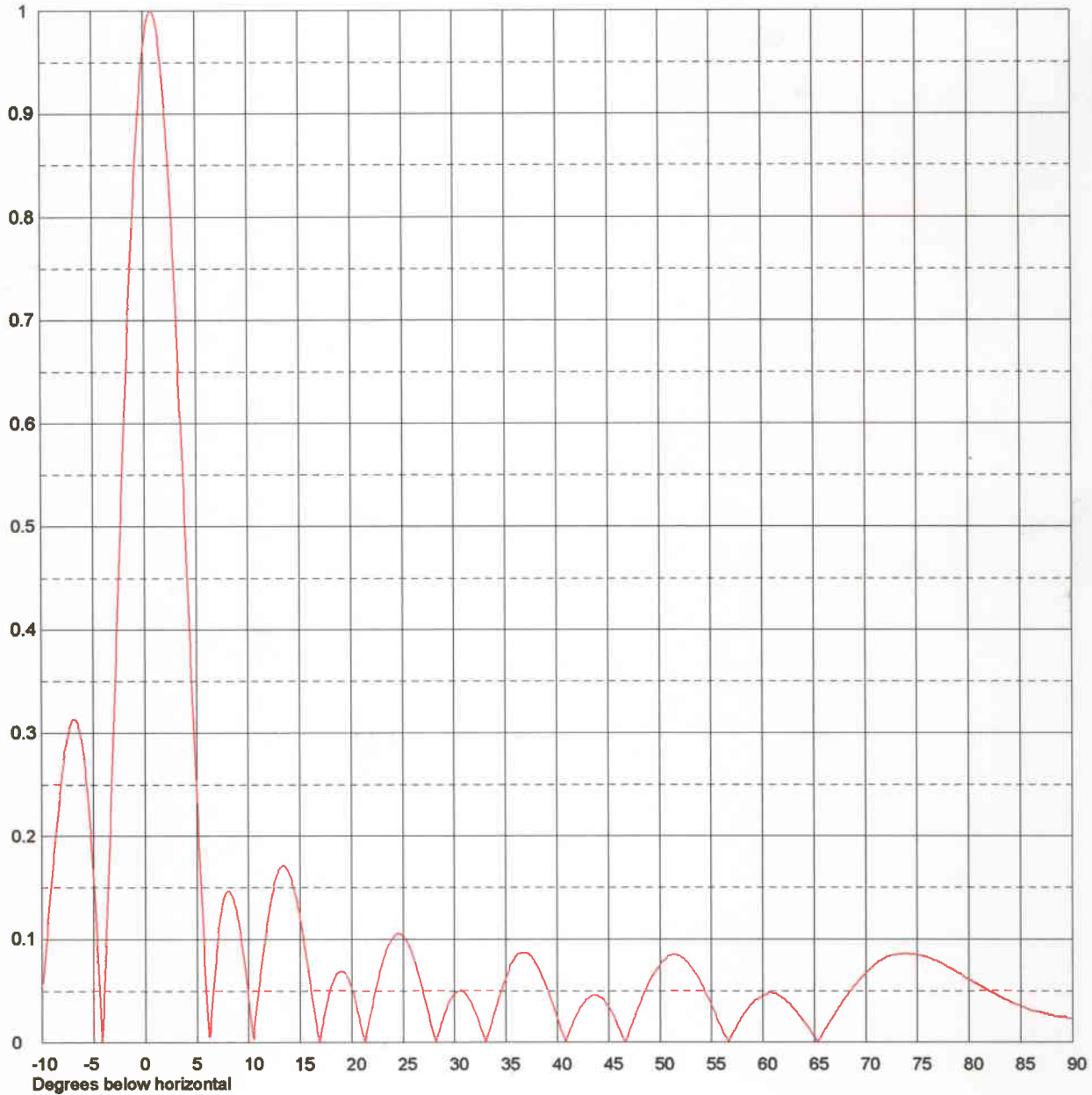
Frequency

**106.30 MHz**

Calculated / Measured

**Calculated**

Drawing #

**FB12M9200122075-90**

Remarks:



Date **26 Sep 2006**  
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Antenna Type **DCR-M12B**

### TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **FB12M9200122075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.048	2.4	0.847	10.6	0.012	30.5	0.050	51.0	0.083	71.5	0.079
-9.5	0.103	2.6	0.810	10.8	0.031	31.0	0.048	51.5	0.084	72.0	0.082
-9.0	0.160	2.8	0.770	11.0	0.049	31.5	0.041	52.0	0.083	72.5	0.084
-8.5	0.214	3.0	0.728	11.5	0.091	32.0	0.031	52.5	0.079	73.0	0.085
-8.0	0.261	3.2	0.683	12.0	0.126	32.5	0.017	53.0	0.073	73.5	0.086
-7.5	0.294	3.4	0.636	12.5	0.152	33.0	0.001	53.5	0.066	74.0	0.086
-7.0	0.312	3.6	0.588	13.0	0.167	33.5	0.016	54.0	0.057	74.5	0.085
-6.5	0.309	3.8	0.539	13.5	0.170	34.0	0.033	54.5	0.047	75.0	0.085
-6.0	0.283	4.0	0.489	14.0	0.162	34.5	0.048	55.0	0.037	75.5	0.083
-5.5	0.234	4.2	0.439	14.5	0.145	35.0	0.062	55.5	0.026	76.0	0.082
-5.0	0.161	4.4	0.389	15.0	0.120	35.5	0.074	56.0	0.015	76.5	0.080
-4.5	0.066	4.6	0.339	15.5	0.090	36.0	0.082	56.5	0.004	77.0	0.078
-4.0	0.047	4.8	0.291	16.0	0.057	36.5	0.086	57.0	0.007	77.5	0.075
-3.5	0.175	5.0	0.244	16.5	0.023	37.0	0.086	57.5	0.016	78.0	0.072
-3.0	0.311	5.2	0.198	17.0	0.007	37.5	0.083	58.0	0.025	78.5	0.070
-2.8	0.367	5.4	0.154	17.5	0.033	38.0	0.076	58.5	0.032	79.0	0.067
-2.6	0.422	5.6	0.113	18.0	0.053	38.5	0.066	59.0	0.038	79.5	0.064
-2.4	0.478	5.8	0.074	18.5	0.065	39.0	0.053	59.5	0.042	80.0	0.061
-2.2	0.532	6.0	0.038	19.0	0.068	39.5	0.039	60.0	0.045	80.5	0.058
-2.0	0.586	6.2	0.005	19.5	0.064	40.0	0.024	60.5	0.047	81.0	0.055
-1.8	0.637	6.4	0.025	20.0	0.053	40.5	0.010	61.0	0.047	81.5	0.052
-1.6	0.687	6.6	0.052	20.5	0.036	41.0	0.005	61.5	0.045	82.0	0.049
-1.4	0.734	6.8	0.075	21.0	0.015	41.5	0.018	62.0	0.042	82.5	0.047
-1.2	0.778	7.0	0.095	21.5	0.009	42.0	0.028	62.5	0.038	83.0	0.044
-1.0	0.819	7.2	0.112	22.0	0.033	42.5	0.037	63.0	0.033	83.5	0.042
-0.8	0.856	7.4	0.125	22.5	0.056	43.0	0.042	63.5	0.027	84.0	0.039
-0.6	0.890	7.6	0.135	23.0	0.076	43.5	0.045	64.0	0.021	84.5	0.037
-0.4	0.919	7.8	0.142	23.5	0.091	44.0	0.044	64.5	0.013	85.0	0.035
-0.2	0.944	8.0	0.145	24.0	0.101	44.5	0.041	65.0	0.005	85.5	0.033
0.0	0.965	8.2	0.145	24.5	0.105	45.0	0.035	65.5	0.003	86.0	0.031
0.2	0.981	8.4	0.142	25.0	0.103	45.5	0.026	66.0	0.011	86.5	0.030
0.4	0.992	8.6	0.137	25.5	0.096	46.0	0.015	66.5	0.019	87.0	0.028
0.6	0.998	8.8	0.129	26.0	0.083	46.5	0.003	67.0	0.027	87.5	0.027
0.8	1.000	9.0	0.119	26.5	0.066	47.0	0.009	67.5	0.035	88.0	0.026
1.0	0.997	9.2	0.107	27.0	0.047	47.5	0.023	68.0	0.043	88.5	0.025
1.2	0.989	9.4	0.093	27.5	0.027	48.0	0.035	68.5	0.050	89.0	0.024
1.4	0.976	9.6	0.078	28.0	0.006	48.5	0.048	69.0	0.056	89.5	0.024
1.6	0.958	9.8	0.061	28.5	0.012	49.0	0.058	69.5	0.062	90.0	0.023
1.8	0.936	10.0	0.044	29.0	0.028	49.5	0.068	70.0	0.067		
2.0	0.910	10.2	0.025	29.5	0.040	50.0	0.075	70.5	0.072		
2.2	0.881	10.4	0.007	30.0	0.047	50.5	0.080	71.0	0.076		

Remarks: