

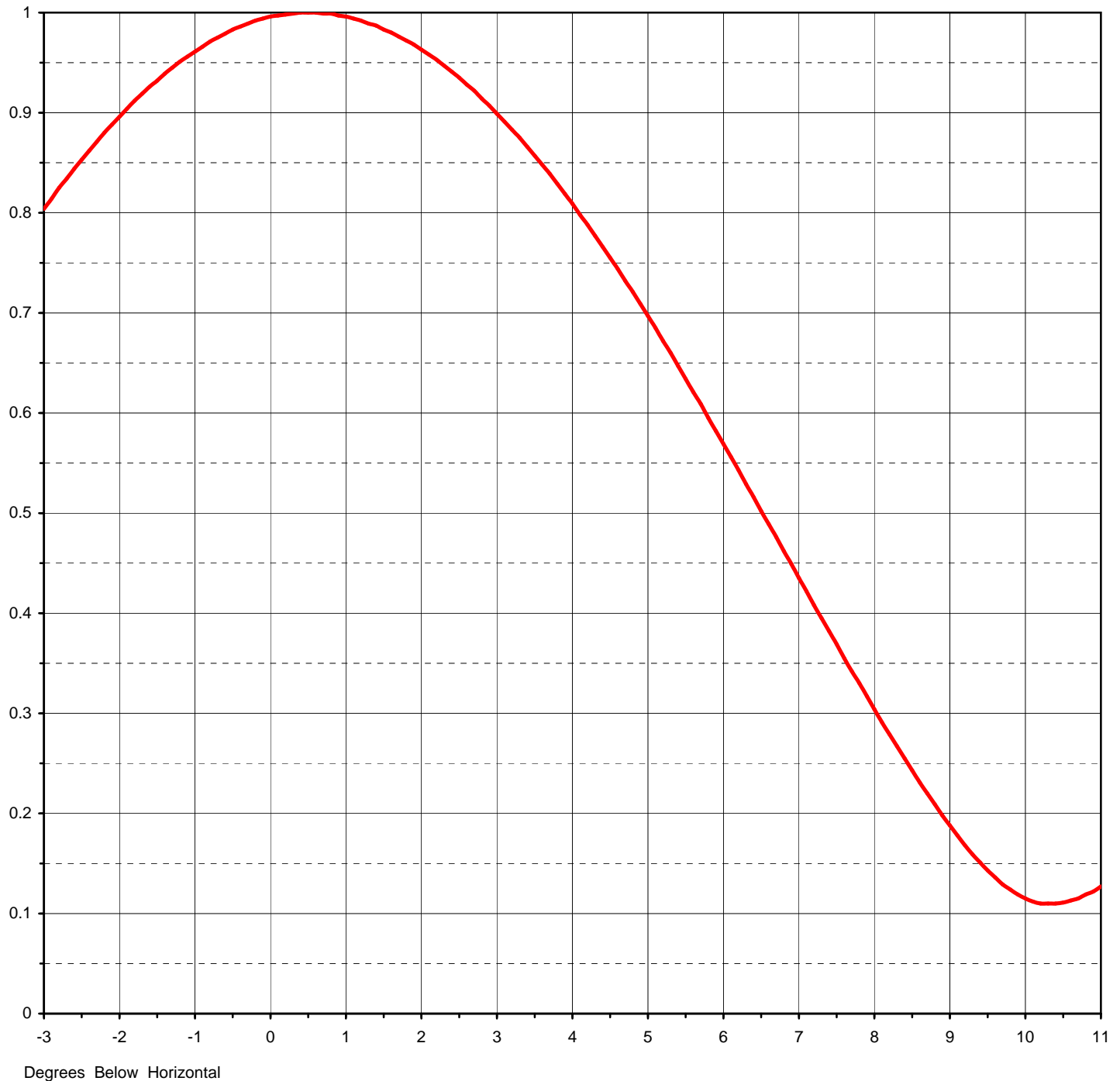


Proposal Number	C-00526
Date	25-Jul-06
Call Letters	KINK
Location	Portland, OR
Customer	
Antenna Type	DCBD-O3-6FMB/18H-2

ELEVATION PATTERN

RMS Gain at Main Lobe	2.90	(4.62 dB)
RMS Gain at Horizontal	2.90	(4.62 dB)
Calculated / Measured	Calculated	

Beam Tilt	0.50 deg
Frequency	101.90 MHz
Drawing #	06C057050



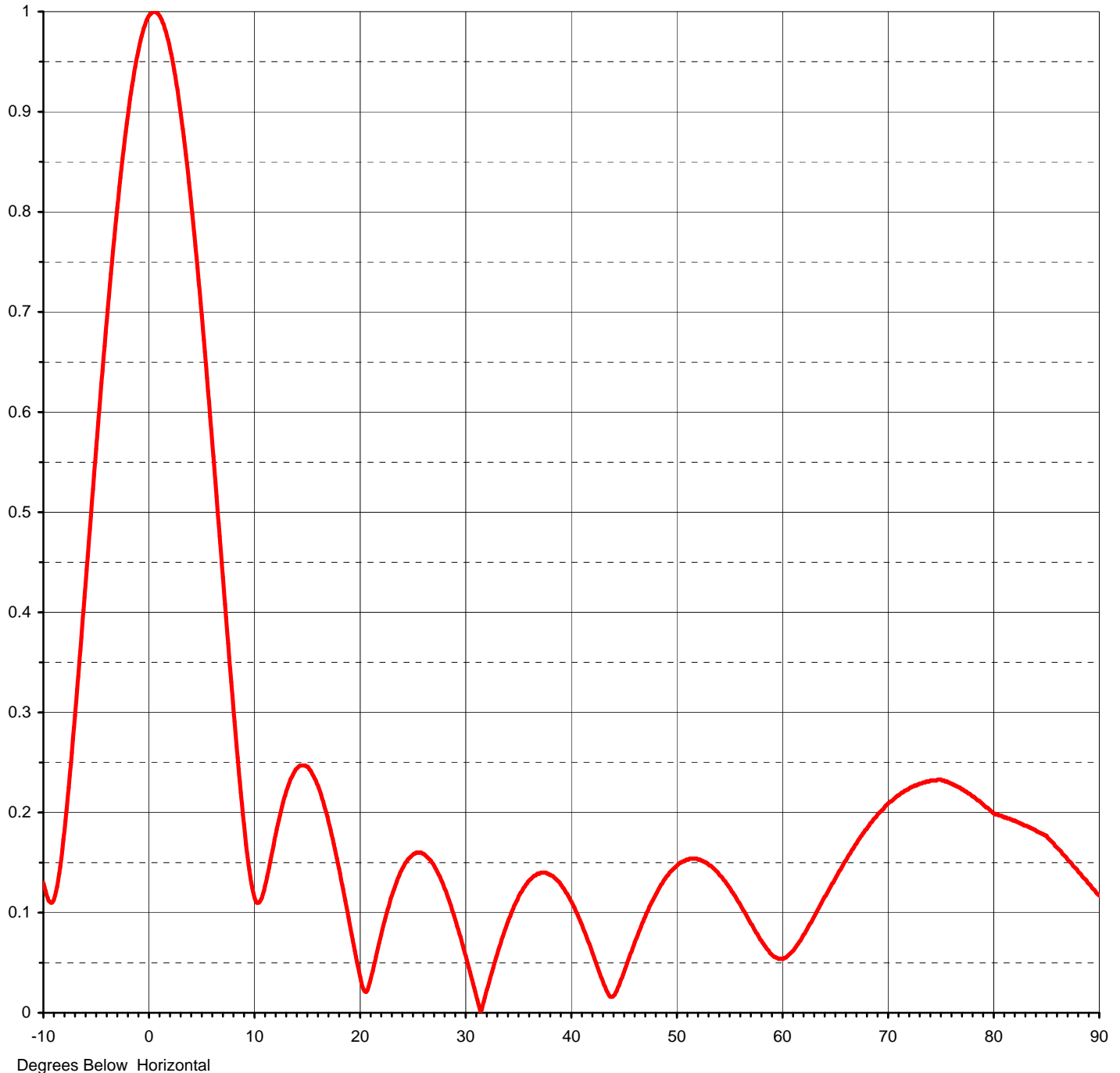


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ELEVATION PATTERN

RMS Gain at Main Lobe	2.90	(4.62 dB)
RMS Gain at Horizontal	2.90	(4.62 dB)
Calculated / Measured	Calculated	

Beam Tilt	0.50 deg
Frequency	101.90 MHz
Drawing #	06C057050-90





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 Customer
 Antenna Type **DCBD-O3-6FMB/18H-2**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **06C057050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.130	2.4	0.941	10.6	0.111	30.5	0.041	51.0	0.153	71.5	0.221
-9.5	0.112	2.6	0.928	10.8	0.115	31.0	0.021	51.5	0.154	72.0	0.224
-9.0	0.113	2.8	0.914	11.0	0.122	31.5	0.001	52.0	0.154	72.5	0.227
-8.5	0.139	3.0	0.899	11.5	0.146	32.0	0.019	52.5	0.152	73.0	0.229
-8.0	0.182	3.2	0.883	12.0	0.173	32.5	0.038	53.0	0.149	73.5	0.230
-7.5	0.237	3.4	0.866	12.5	0.197	33.0	0.056	53.5	0.145	74.0	0.232
-7.0	0.297	3.6	0.848	13.0	0.217	33.5	0.073	54.0	0.140	74.5	0.232
-6.5	0.362	3.8	0.829	13.5	0.233	34.0	0.088	54.5	0.133	75.0	0.233
-6.0	0.429	4.0	0.809	14.0	0.243	34.5	0.102	55.0	0.126	75.5	0.231
-5.5	0.496	4.2	0.788	14.5	0.247	35.0	0.113	55.5	0.118	76.0	0.229
-5.0	0.563	4.4	0.766	15.0	0.246	35.5	0.123	56.0	0.110	76.5	0.226
-4.5	0.629	4.6	0.744	15.5	0.240	36.0	0.131	56.5	0.101	77.0	0.223
-4.0	0.691	4.8	0.721	16.0	0.229	36.5	0.136	57.0	0.091	77.5	0.220
-3.5	0.750	5.0	0.697	16.5	0.214	37.0	0.139	57.5	0.082	78.0	0.216
-3.0	0.804	5.2	0.672	17.0	0.196	37.5	0.140	58.0	0.073	78.5	0.212
-2.8	0.825	5.4	0.647	17.5	0.174	38.0	0.138	58.5	0.066	79.0	0.208
-2.6	0.844	5.6	0.621	18.0	0.149	38.5	0.135	59.0	0.059	79.5	0.204
-2.4	0.862	5.8	0.595	18.5	0.123	39.0	0.130	59.5	0.055	80.0	0.199
-2.2	0.880	6.0	0.569	19.0	0.095	39.5	0.122	60.0	0.054	80.5	0.197
-2.0	0.896	6.2	0.543	19.5	0.067	40.0	0.113	60.5	0.056	81.0	0.195
-1.8	0.912	6.4	0.516	20.0	0.041	40.5	0.102	61.0	0.061	81.5	0.194
-1.6	0.926	6.6	0.489	20.5	0.022	41.0	0.090	61.5	0.068	82.0	0.192
-1.4	0.939	6.8	0.462	21.0	0.030	41.5	0.077	62.0	0.076	82.5	0.189
-1.2	0.951	7.0	0.435	21.5	0.051	42.0	0.063	62.5	0.085	83.0	0.187
-1.0	0.961	7.2	0.408	22.0	0.074	42.5	0.048	63.0	0.094	83.5	0.185
-0.8	0.971	7.4	0.382	22.5	0.095	43.0	0.034	63.5	0.104	84.0	0.182
-0.6	0.979	7.6	0.355	23.0	0.114	43.5	0.021	64.0	0.114	84.5	0.179
-0.4	0.986	7.8	0.330	23.5	0.129	44.0	0.016	64.5	0.125	85.0	0.177
-0.2	0.992	8.0	0.304	24.0	0.142	44.5	0.025	65.0	0.134	85.5	0.171
0.0	0.996	8.2	0.279	24.5	0.151	45.0	0.038	65.5	0.143	86.0	0.165
0.2	0.998	8.4	0.255	25.0	0.157	45.5	0.053	66.0	0.152	86.5	0.159
0.4	1.000	8.6	0.231	25.5	0.160	46.0	0.067	66.5	0.161	87.0	0.153
0.6	1.000	8.8	0.209	26.0	0.159	46.5	0.081	67.0	0.169	87.5	0.147
0.8	0.999	9.0	0.188	26.5	0.155	47.0	0.094	67.5	0.177	88.0	0.141
1.0	0.996	9.2	0.168	27.0	0.149	47.5	0.106	68.0	0.184	88.5	0.135
1.2	0.992	9.4	0.151	27.5	0.139	48.0	0.116	68.5	0.191	89.0	0.129
1.4	0.987	9.6	0.136	28.0	0.127	48.5	0.126	69.0	0.198	89.5	0.123
1.6	0.980	9.8	0.129	28.5	0.113	49.0	0.134	69.5	0.203	90.0	0.117
1.8	0.972	10.0	0.119	29.0	0.097	49.5	0.141	70.0	0.209		
2.0	0.963	10.2	0.112	29.5	0.079	50.0	0.146	70.5	0.213		
2.2	0.953	10.4	0.110	30.0	0.060	50.5	0.150	71.0	0.217		