

EXHIBIT E-4

SCALA CLFM-H (REAR MOUNT) HORIZONTAL POLARIZATION AZIMUTH PATTERN TABULATION

Antenna: CL-FM

04-02-2003

Frequency: 97.5 MHz

Polarization: Horizontal

Azimuth	Field	Rel.dB	dBd	Pwr Gain
0	1.000	0.0	7.0	5.012
10	0.950	-0.4	6.5	4.467
20	0.820	-1.7	5.2	3.311
30	0.645	-3.8	3.1	2.042
40	0.470	-6.6	0.4	1.096
50	0.250	-12.0	-5.1	0.309
60	0.085	-21.4	-14.5	0.035
70	0.020	-34.0	-27.0	0.002
80	0.010	-40.0	-33.0	0.001
90	0.010	-40.0	-33.0	0.001
100	0.010	-40.0	-33.0	0.001
110	0.010	-40.0	-33.0	0.001
120	0.015	-36.5	-29.5	0.001
130	0.025	-32.0	-25.1	0.003
140	0.034	-29.5	-22.5	0.006
150	0.038	-28.3	-21.3	0.007
160	0.040	-28.0	-21.0	0.008
170	0.040	-28.0	-21.0	0.008
180	0.040	-28.0	-21.0	0.008
190	0.040	-28.0	-21.0	0.008
200	0.040	-28.0	-21.0	0.008
210	0.038	-28.3	-21.3	0.007
220	0.034	-29.5	-22.5	0.006
230	0.025	-32.0	-25.1	0.003
240	0.015	-36.5	-29.5	0.001
250	0.010	-40.0	-33.0	0.001
260	0.010	-40.0	-33.0	0.001
270	0.010	-40.0	-33.0	0.001
280	0.010	-40.0	-33.0	0.001
290	0.020	-34.0	-27.0	0.002
300	0.085	-21.4	-14.5	0.035
310	0.250	-12.0	-5.1	0.309
320	0.470	-6.6	0.4	1.096
330	0.645	-3.8	3.1	2.042
340	0.820	-1.7	5.2	3.311
350	0.950	-0.4	6.5	4.467