

EXHIBIT E-3

SCALA CLFM-V (REAR MOUNT) VERTICAL POLARIZATION AZIMUTH PATTERN TABULATION

Antenna: CL-FM

04-02-2003

Frequency: 97.5 MHz

Polarization: Vertical

Azimuth	Field	Rel.dB	dBd	Pwr Gain
0	1.000	0.0	7.0	5.012
10	0.980	-0.2	6.8	4.786
20	0.916	-0.8	6.2	4.169
30	0.817	-1.8	5.2	3.311
40	0.690	-3.2	3.7	2.344
50	0.544	-5.3	1.7	1.479
60	0.390	-8.2	-1.2	0.759
70	0.190	-14.4	-7.5	0.178
80	0.050	-26.0	-19.1	0.012
90	0.030	-30.5	-23.5	0.004
100	0.030	-30.5	-23.5	0.004
110	0.030	-30.5	-23.5	0.004
120	0.030	-30.5	-23.5	0.004
130	0.030	-30.5	-23.5	0.004
140	0.030	-30.5	-23.5	0.004
150	0.030	-30.5	-23.5	0.004
160	0.030	-30.5	-23.5	0.004
170	0.030	-30.5	-23.5	0.004
180	0.030	-30.5	-23.5	0.004
190	0.030	-30.5	-23.5	0.004
200	0.030	-30.5	-23.5	0.004
210	0.030	-30.5	-23.5	0.004
220	0.030	-30.5	-23.5	0.004
230	0.030	-30.5	-23.5	0.004
240	0.030	-30.5	-23.5	0.004
250	0.030	-30.5	-23.5	0.004
260	0.030	-30.5	-23.5	0.004
270	0.030	-30.5	-23.5	0.004
280	0.050	-26.0	-19.1	0.012
290	0.190	-14.4	-7.5	0.178
300	0.390	-8.2	-1.2	0.759
310	0.544	-5.3	1.7	1.479
320	0.690	-3.2	3.7	2.344
330	0.817	-1.8	5.2	3.311
340	0.916	-0.8	6.2	4.169
350	0.980	-0.2	6.8	4.786

