

Exhibit EE-3
Proposed Daytime Directional Antenna System

Input Parameters:

Field	Tow Ref										
Ratio	Phasing	Spacing	Orient	Switch	Height	TL/Sec	A	B	C	D	Z sub 0
1.0000	.000	.000	.000	0	180.0	0	.0	.0	.0	.0	.00
.4500	-25.000	205.700	8.000	0	180.0	0	.0	.0	.0	.0	.00
.5500	-20.000	208.500	189.000	0	180.0	0	.0	.0	.0	.0	.00
1.0000	-89.000	90.000	100.000	0	180.0	0	.0	.0	.0	.0	.00
.4000	-82.000	231.000	33.200	0	180.0	0	.0	.0	.0	.0	.00
.4500	-99.000	230.000	166.800	0	180.0	0	.0	.0	.0		

Total RMS (small)= .8537; Computed (no-loss) K=2028.2410

No Loss RMS = 2590.99 mV/m at one KILOMETER

No Loss RMS (for 1 kW) = 366.42 mV/m at one KILOMETER

Adjusted K =2011.8050 Big RMS = 2570.00 mV/m at one KILOMETER

Big RMS (adjusted for 1 kW) = 363.45 mV/m at one KILOMETER

STANDARD RADIATION PATTERN

(mV/m at one kilometer)

Azimuth	mV/m	Azimuth	mV/m	Azimuth	mV/m	Azimuth	mV/m
0.00	334.54	90.00	7202.88	180.00	512.89	270.00	666.36
5.00	418.84	95.00	7755.42	185.00	466.01	275.00	727.09
10.00	518.92	100.00	7959.88	190.00	405.00	280.00	768.20
15.00	605.54	105.00	7793.49	195.00	336.64	285.00	784.80
20.00	670.75	110.00	7278.86	200.00	288.20	290.00	768.61
25.00	718.59	115.00	6480.08	205.00	295.21	295.00	710.79
30.00	756.59	120.00	5491.89	210.00	352.55	300.00	606.11
35.00	787.16	125.00	4424.38	215.00	418.35	305.00	457.43
40.00	804.87	130.00	3386.72	220.00	458.07	310.00	281.92
45.00	810.10	135.00	2473.16	225.00	452.64	315.00	146.55
50.00	847.50	140.00	1752.79	230.00	395.65	320.00	221.48
55.00	1039.22	145.00	1259.71	235.00	292.23	325.00	369.58
60.00	1498.20	150.00	976.09	240.00	162.11	330.00	481.77
65.00	2226.96	155.00	828.39	245.00	98.96	335.00	534.41
70.00	3167.01	160.00	736.63	250.00	217.91	340.00	524.34
75.00	4237.90	165.00	662.33	255.00	360.01	345.00	462.82
80.00	5341.28	170.00	600.75	260.00	484.78	350.00	377.15
85.00	6366.50	175.00	553.41	265.00	586.41	355.00	316.63

RSS used in computing Q = 3406.7290

Q used for horizontal pattern = 85.168 (Calculated Q is 85.168)

Corresponding Standard Pattern RMS = 2699.9760 mV/m at one KILOMETER