



Proposal Number **79243**
Date **6-May-05**
Call Letters **WCKG**
Location **Elmwood Park, IL**
Customer **Infinity Broadcasting**
Antenna Type **DCRM3B**
Frequency **105.90 MHz**
Drawing #:

TABULATION OF HORIZONTAL AZIMUTH PATTERN

Angle	Field	dBk	ERP kW
0	0.524	6.148	4.119
10	0.519	6.064	4.040
20	0.548	6.537	4.505
30	0.600	7.324	5.400
40	0.661	8.165	6.554
50	0.715	8.847	7.668
60	0.720	8.908	7.776
70	0.683	8.449	6.997
80	0.650	8.019	6.338
90	0.658	8.125	6.494
100	0.697	8.626	7.287
110	0.780	9.603	9.126
120	0.870	10.551	11.354
130	0.941	11.233	13.282
140	0.985	11.630	14.553
150	0.999	11.752	14.970
160	0.995	11.717	14.850
170	0.959	11.397	13.795
180	0.903	10.875	12.231
190	0.826	10.101	10.234
200	0.747	9.227	8.370
210	0.680	8.411	6.936
220	0.664	8.204	6.613
230	0.701	8.675	7.371
240	0.768	9.468	8.847
250	0.810	9.931	9.842
260	0.814	9.973	9.939
270	0.771	9.502	8.917
280	0.705	8.725	7.455
290	0.629	7.734	5.935
300	0.571	6.894	4.891
310	0.534	6.312	4.277
320	0.524	6.148	4.119
330	0.538	6.377	4.342
340	0.539	6.393	4.358
350	0.532	6.279	4.245



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TABULATION OF VERTICAL AZIMUTH PATTERN

Angle	Field	dBk	ERP kW
0	0.234	-0.855	0.821
10	0.268	0.324	1.077
20	0.334	2.236	1.673
30	0.424	4.308	2.697
40	0.509	5.895	3.886
50	0.585	7.104	5.133
60	0.654	8.072	6.416
70	0.720	8.908	7.776
80	0.778	9.581	9.079
90	0.810	9.931	9.842
100	0.824	10.079	10.185
110	0.825	10.090	10.209
120	0.818	10.016	10.037
130	0.807	9.898	9.769
140	0.787	9.680	9.291
150	0.759	9.366	8.641
160	0.741	9.157	8.236
170	0.734	9.075	8.081
180	0.728	9.004	7.950
190	0.726	8.980	7.906
200	0.737	9.110	8.148
210	0.750	9.262	8.438
220	0.746	9.216	8.348
230	0.729	9.015	7.972
240	0.682	8.437	6.977
250	0.617	7.567	5.710
260	0.541	6.425	4.390
270	0.457	4.959	3.133
280	0.373	3.195	2.087
290	0.289	0.979	1.253
300	0.231	-0.967	0.800
310	0.204	-2.046	0.624
320	0.196	-2.394	0.576
330	0.195	-2.438	0.570
340	0.198	-2.306	0.588
350	0.207	-1.920	0.643