



Proposal Number **79243**
 Date **28-Jun-04**
 Call Letters **WJMK**
 Location **Chicago, IL**
 Customer **Infinity Broadcasting**
 Antenna Type **DCRM3B**
 Frequency **104.30 MHz**
 Drawing #:

TABULATION OF HORIZONTAL AZIMUTH PATTERN

Angle	Field	dBk	ERP kW
0	0.546	6.505	4.472
10	0.561	6.740	4.721
20	0.596	7.266	5.328
30	0.641	7.898	6.163
40	0.694	8.588	7.225
50	0.737	9.110	8.148
60	0.746	9.216	8.348
70	0.719	8.895	7.754
80	0.681	8.424	6.956
90	0.686	8.487	7.059
100	0.736	9.098	8.125
110	0.814	9.973	9.939
120	0.896	10.807	12.042
130	0.952	11.334	13.595
140	0.981	11.594	14.435
150	1.000	11.761	15.000
160	0.987	11.647	14.613
170	0.952	11.334	13.595
180	0.900	10.846	12.150
190	0.824	10.079	10.185
200	0.752	9.285	8.483
210	0.693	8.576	7.204
220	0.680	8.411	6.936
230	0.722	8.932	7.819
240	0.777	9.569	9.056
250	0.807	9.898	9.769
260	0.797	9.790	9.528
270	0.755	9.320	8.550
280	0.692	8.563	7.183
290	0.627	7.706	5.897
300	0.582	7.059	5.081
310	0.560	6.725	4.704
320	0.556	6.662	4.637
330	0.559	6.709	4.687
340	0.555	6.647	4.620
350	0.548	6.537	4.505



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TABULATION OF VERTICAL AZIMUTH PATTERN

Angle	Field	dBk	ERP kW
0	0.214	-1.631	0.687
10	0.251	-0.246	0.945
20	0.297	1.216	1.323
30	0.379	3.334	2.155
40	0.451	4.844	3.051
50	0.521	6.098	4.072
60	0.571	6.894	4.891
70	0.627	7.706	5.897
80	0.686	8.487	7.059
90	0.727	8.992	7.928
100	0.745	9.204	8.325
110	0.746	9.216	8.348
120	0.737	9.110	8.148
130	0.724	8.956	7.863
140	0.705	8.725	7.455
150	0.686	8.487	7.059
160	0.674	8.334	6.814
170	0.672	8.308	6.774
180	0.671	8.295	6.754
190	0.675	8.347	6.834
200	0.685	8.475	7.038
210	0.694	8.588	7.225
220	0.686	8.487	7.059
230	0.653	8.059	6.396
240	0.606	7.410	5.509
250	0.555	6.647	4.620
260	0.491	5.583	3.616
270	0.412	4.059	2.546
280	0.326	2.025	1.594
290	0.253	-0.177	0.960
300	0.206	-1.962	0.637
310	0.187	-2.802	0.525
320	0.180	-3.134	0.486
330	0.176	-3.329	0.465
340	0.177	-3.280	0.470
350	0.189	-2.710	0.536