

MARANATHA BROADCASTING CORP

WFMZ-DT ALLENTOWN PA

EXHIBIT 41 - TABLE 1

PSI PSIMPTD-9-DCP-46
AZIMUTH PATTERN

10 Degree

Angle	Field	ERP (kW)	ERP (dBk)
0	0.24	22.85	13.589
10	0.232	21.53	13.330
20	0.223	19.89	12.987
30	0.217	18.84	12.750
40	0.216	18.66	12.710
50	0.226	20.43	13.103
60	0.260	27.04	14.320
70	0.298	35.52	15.505
80	0.404	65.29	18.148
90	0.551	121.44	20.844
100	0.711	202.21	23.058
110	0.841	282.91	24.517
120	0.895	320.41	25.057
130	0.940	353.44	25.483
140	0.973	378.69	25.783
150	0.993	394.42	25.960
160	1.000	400.00	26.021
170	0.992	393.63	25.951
180	0.971	377.14	25.765
190	0.937	351.19	25.455
200	0.837	280.23	24.475
210	0.736	216.68	23.358
220	0.635	161.29	22.076
230	0.534	114.06	20.571
240	0.404	65.29	18.148
250	0.251	25.20	14.014
260	0.233	21.72	13.368
270	0.222	19.71	12.948
280	0.218	19.01	12.790
290	0.221	19.54	12.908
300	0.237	22.47	13.516
310	0.235	22.09	13.442
320	0.241	23.23	13.661
330	0.246	24.21	13.839
340	0.247	24.40	13.875
350	0.227	20.61	13.141

Cardinal

Angle	Field	ERP (kW)	ERP (dBk)
0	0.24	23.04	13.625
45	0.221	19.54	12.908
90	0.551	121.44	20.844
135	0.952	362.52	25.593
180	0.971	377.14	25.765
225	0.585	136.89	21.364
270	0.222	19.71	12.948
315	0.238	22.66	13.552

Maxima

Angle	Field	ERP (kW)	ERP (dBk)
157	1.000	400.00	26.021
160	1.000	400.00	26.021

Minima

Angle	Field	ERP (kW)	ERP (dBk)
40	0.216	18.66	12.710
280	0.218	19.01	12.790

NO ROTATION

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ERP= 400 kW
CALL WFMZ-DT