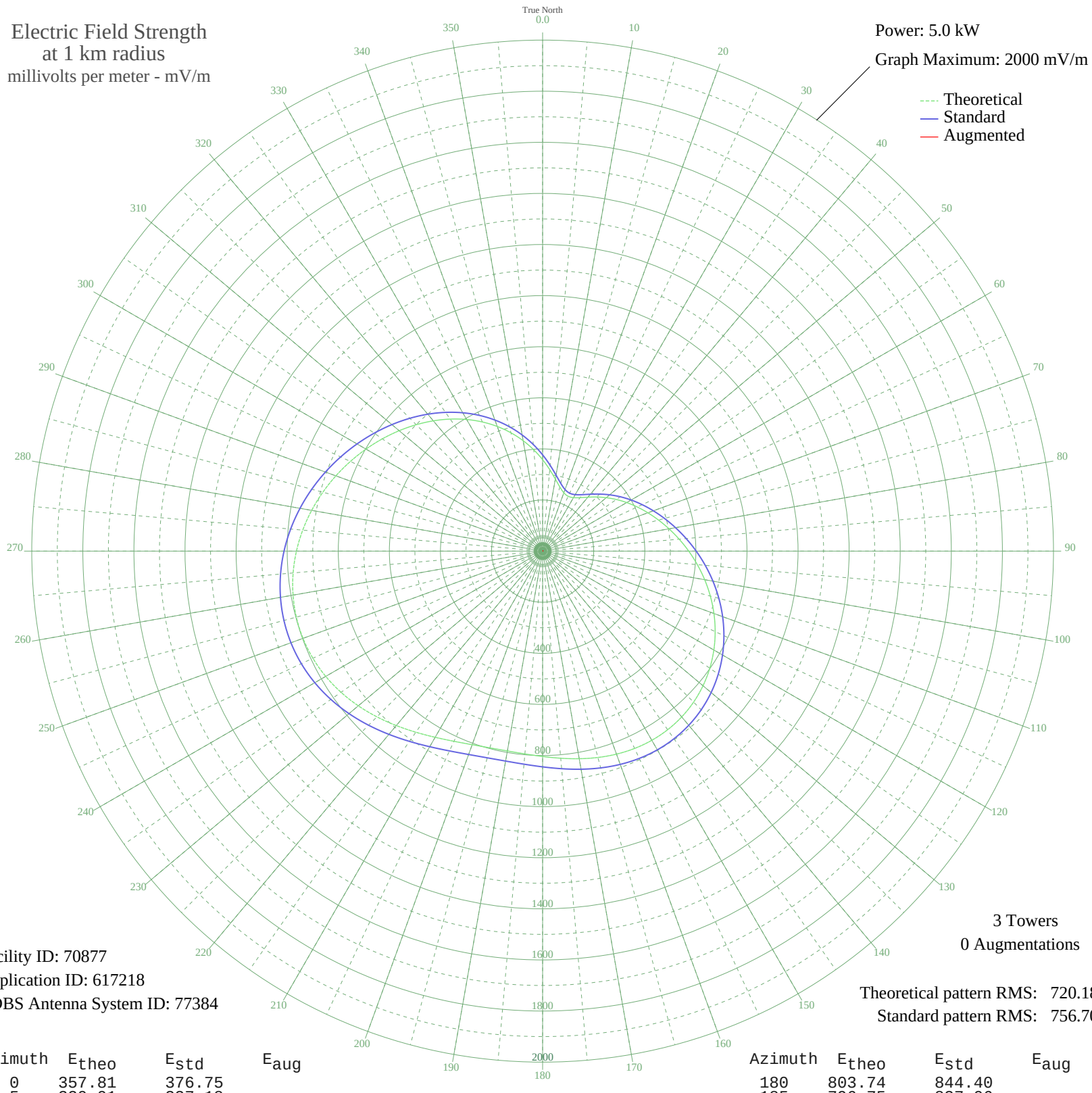
WARE WARE, MA BML-20021025ABR 1250 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 70877
Application ID: 617218
CDBS Antenna System ID: 77384

Theoretical pattern RMS: 720.18
Standard pattern RMS: 756.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	357.81	376.75	
5	320.01	337.18	
10	286.58	302.21	
15	260.02	274.46	
20	242.86	256.54	
25	236.76	250.18	
30	241.59	255.22	
35	255.41	269.64	
40	275.49	290.62	
45	299.35	315.56	
50	325.27	342.68	
55	352.30	370.98	
60	380.12	400.11	
65	408.79	430.14	
70	438.56	461.34	
75	469.72	494.01	
80	502.42	528.28	
85	536.60	564.13	
90	571.99	601.24	
95	608.09	639.11	
100	644.26	677.06	
105	679.73	714.27	
110	713.71	749.92	
115	745.39	783.16	
120	774.03	813.22	
125	798.99	839.41	
130	819.72	861.17	
135	835.84	878.08	
140	847.08	889.88	
145	853.41	896.52	
150	854.97	898.15	
155	852.13	895.18	
160	845.55	888.27	
165	836.12	878.38	
170	825.04	866.74	
175	813.71	854.86	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	803.74	844.40	
185	796.75	837.06	
190	794.21	834.39	
195	797.21	837.54	
200	806.29	847.07	
205	821.30	862.82	
210	841.42	883.94	
215	865.30	908.99	
220	891.22	936.20	
225	917.35	963.63	
230	941.93	989.43	
235	963.40	1011.96	
240	980.50	1029.90	
245	992.30	1042.30	
250	998.27	1048.55	
255	998.17	1048.45	
260	992.12	1042.10	
265	980.47	1029.87	
270	963.78	1012.36	
275	942.75	990.29	
280	918.15	964.47	
285	890.76	935.72	
290	861.31	904.81	
295	830.41	872.38	
300	798.56	838.95	
305	766.07	804.86	
310	733.11	770.27	
315	699.66	735.18	
320	665.61	699.46	
325	630.75	662.88	
330	594.84	625.21	
335	557.68	586.24	
340	519.20	545.88	
345	479.46	504.22	
350	438.82	461.62	
355	397.92	418.76	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission