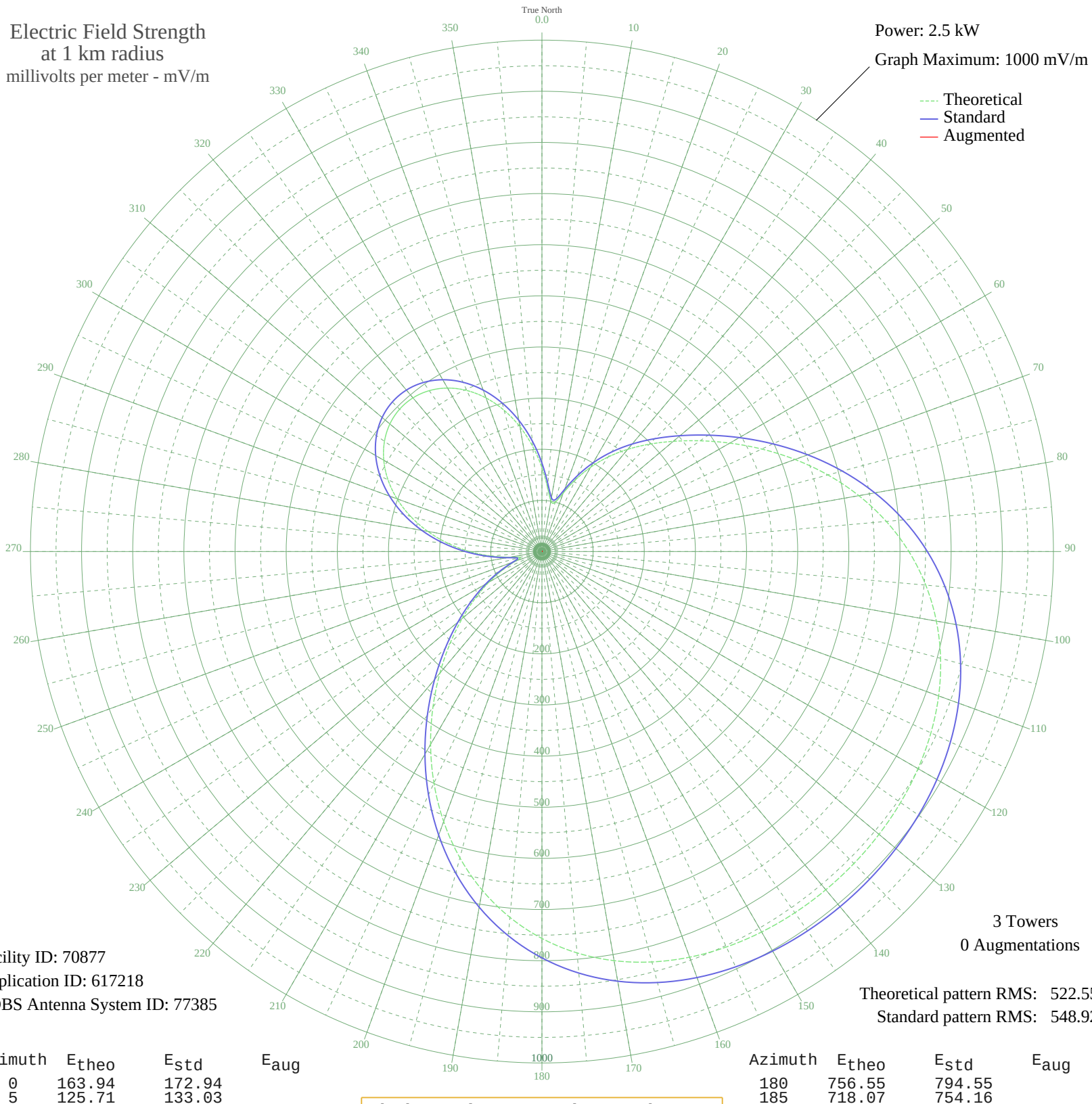
WARE WARE, MA BML-20021025ABR 1250 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 70877
Application ID: 617218
CDBS Antenna System ID: 77385

Theoretical pattern RMS: 522.55
Standard pattern RMS: 548.92

Azimuth	E_{theo}	E_{std}	E_{aug}
0	163.94	172.94	
5	125.71	133.03	
10	100.46	106.78	
15	99.60	105.89	
20	121.81	128.97	
25	154.76	163.34	
30	190.38	200.58	
35	225.80	237.67	
40	260.87	274.42	
45	296.81	312.10	
50	335.27	352.43	
55	377.56	396.79	
60	424.10	445.61	
65	474.23	498.22	
70	526.45	553.02	
75	578.77	607.94	
80	629.16	660.83	
85	675.84	709.82	
90	717.48	753.53	
95	753.29	791.13	
100	783.03	822.35	
105	806.86	847.36	
110	825.31	866.73	
115	839.09	881.20	
120	849.01	891.62	
125	855.85	898.79	
130	860.24	903.40	
135	862.65	905.94	
140	863.31	906.63	
145	862.19	905.45	
150	859.00	902.10	
155	853.21	896.03	
160	844.10	886.46	
165	830.78	872.48	
170	812.32	853.10	
175	787.82	827.38	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	756.55	794.55	
185	718.07	754.16	
190	672.36	706.18	
195	619.92	651.12	
200	561.78	590.11	
205	499.58	524.82	
210	435.39	457.46	
215	371.56	390.49	
220	310.43	326.38	
225	253.99	267.20	
230	203.45	214.26	
235	159.00	167.77	
240	119.84	126.92	
245	84.96	90.74	
250	55.64	60.74	
255	43.82	48.91	
260	63.75	68.97	
265	100.11	106.42	
270	141.68	149.69	
275	184.56	194.49	
280	226.54	238.44	
285	265.95	279.75	
290	301.49	317.00	
295	332.11	349.12	
300	357.08	375.30	
305	375.85	394.99	
310	388.10	407.84	
315	393.61	413.62	
320	392.28	412.23	
325	384.09	403.64	
330	369.11	387.92	
335	347.50	365.25	
340	319.62	336.01	
345	286.04	300.80	
350	247.71	260.63	
355	206.17	217.11	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission