

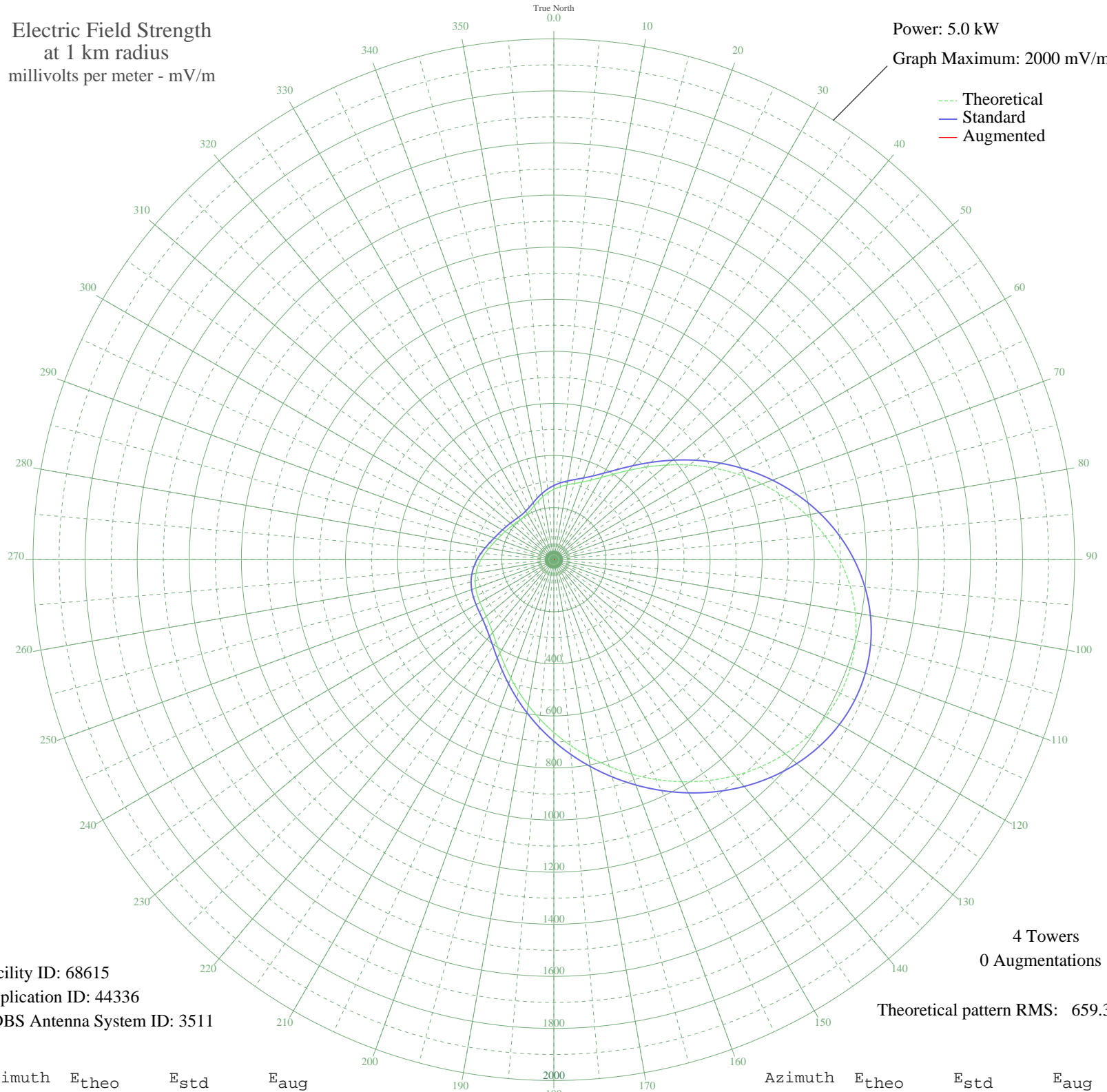
WDMC MELBOURNE, FL BL-19820621AD 920 kHz

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



Facility ID: 68615
Application ID: 44336
CDBS Antenna System ID: 3511

4 Towers
0 Augmentations

Theoretical pattern RMS: 659.38

Azimuth	E _{theo}	E _{std}	E _{aug}
0	270.17	284.65	
5	281.09	296.08	
10	291.52	306.99	
15	302.84	318.85	
20	317.18	333.86	
25	336.99	354.62	
30	364.56	383.50	
35	401.32	422.04	
40	447.64	470.61	
45	502.80	528.46	
50	565.35	594.08	
55	633.43	665.51	
60	705.00	740.62	
65	778.00	817.23	
70	850.41	893.24	
75	920.33	966.63	
80	985.96	1035.53	
85	1045.67	1098.20	
90	1097.99	1153.13	
95	1141.67	1198.98	
100	1175.70	1234.71	
105	1199.37	1259.55	
110	1212.26	1273.09	
115	1214.31	1275.24	
120	1205.80	1266.31	
125	1187.33	1246.92	
130	1159.82	1218.04	
135	1124.42	1180.87	
140	1082.45	1136.82	
145	1035.32	1087.34	
150	984.44	1033.93	
155	931.14	977.98	
160	876.61	920.74	
165	821.87	863.28	
170	767.71	806.44	
175	714.78	750.88	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	663.54	697.11	
185	614.38	645.53	
190	567.65	596.50	
195	523.73	550.42	
200	483.10	507.80	
205	446.34	469.24	
210	414.12	435.46	
215	387.08	407.11	
220	365.65	384.65	
225	349.85	368.09	
230	339.08	356.80	
235	332.18	349.58	
240	327.60	344.78	
245	323.70	340.69	
250	319.02	335.79	
255	312.54	329.00	
260	303.76	319.81	
265	292.73	308.26	
270	280.01	294.95	
275	266.49	280.80	
280	253.23	266.92	
285	241.16	254.30	
290	230.91	243.59	
295	222.61	234.92	
300	216.02	228.03	
305	210.67	222.45	
310	206.24	217.82	
315	202.76	214.19	
320	200.71	212.05	
325	200.89	212.24	
330	204.07	215.56	
335	210.64	222.42	
340	220.34	232.54	
345	232.28	245.02	
350	245.27	258.60	
355	258.16	272.09	