

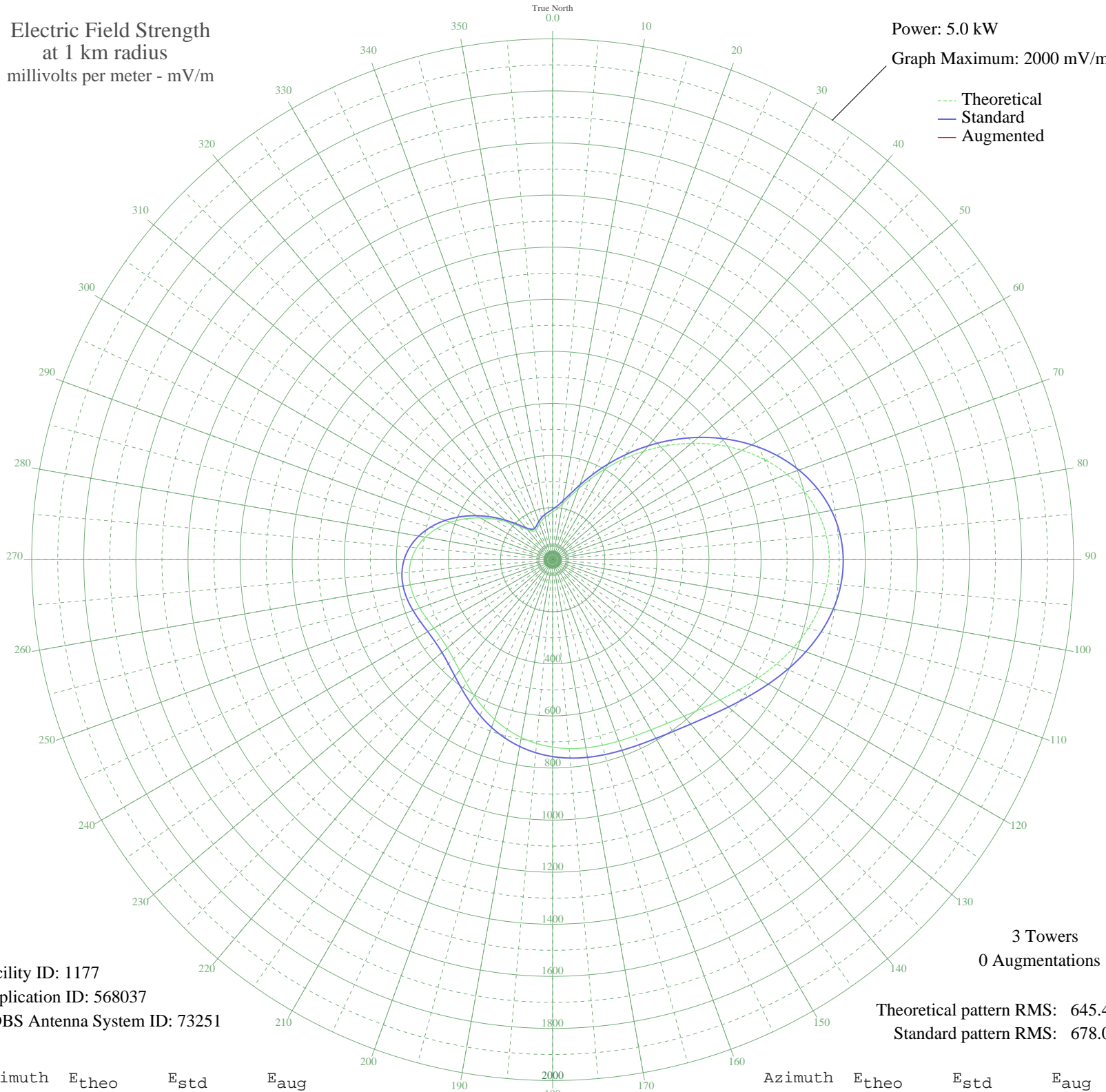
WGUL DUNEDIN, FL BL-20010522ABB 860 kHz

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: 1177
Application ID: 568037
CDBS Antenna System ID: 73251

3 Towers
0 Augmentations

Theoretical pattern RMS: 645.40
Standard pattern RMS: 678.08

Azimuth	E _{theo}	E _{std}	E _{aug}
0	182.83	193.40	
5	196.25	207.40	
10	217.15	229.22	
15	247.94	261.39	
20	289.52	304.90	
25	341.40	359.23	
30	402.20	422.97	
35	470.12	494.18	
40	543.07	570.71	
45	618.85	650.22	
50	695.13	730.27	
55	769.52	808.33	
60	839.61	881.90	
65	903.09	948.54	
70	957.89	1006.06	
75	1002.23	1052.60	
80	1034.79	1086.78	
85	1054.83	1107.82	
90	1062.19	1115.55	
95	1057.41	1110.53	
100	1041.65	1093.98	
105	1016.65	1067.74	
110	984.63	1034.13	
115	948.15	995.84	
120	909.88	955.66	
125	872.41	916.34	
130	838.03	880.24	
135	808.44	849.18	
140	784.65	824.22	
145	766.87	805.55	
150	754.55	792.62	
155	746.57	784.25	
160	741.47	778.90	
165	737.66	774.89	
170	733.62	770.66	
175	728.05	764.81	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	719.90	756.25	
185	708.45	744.24	
190	693.32	728.37	
195	674.54	708.65	
200	652.50	685.53	
205	628.09	659.91	
210	602.63	633.20	
215	577.87	607.22	
220	555.86	584.13	
225	538.64	566.06	
230	527.78	554.67	
235	523.95	550.65	
240	526.53	553.36	
245	533.71	560.88	
250	542.79	570.41	
255	550.77	578.79	
260	554.84	583.05	
265	552.66	580.76	
270	542.61	570.23	
275	523.87	550.56	
280	496.36	521.71	
285	460.76	484.36	
290	418.33	439.87	
295	370.89	390.15	
300	320.68	337.53	
305	270.31	284.79	
310	222.77	235.08	
315	181.58	192.10	
320	150.73	160.00	
325	133.60	142.23	
330	130.28	138.80	
335	136.44	145.18	
340	146.50	155.61	
345	156.69	166.19	
350	165.57	175.42	
355	173.61	183.80	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission