

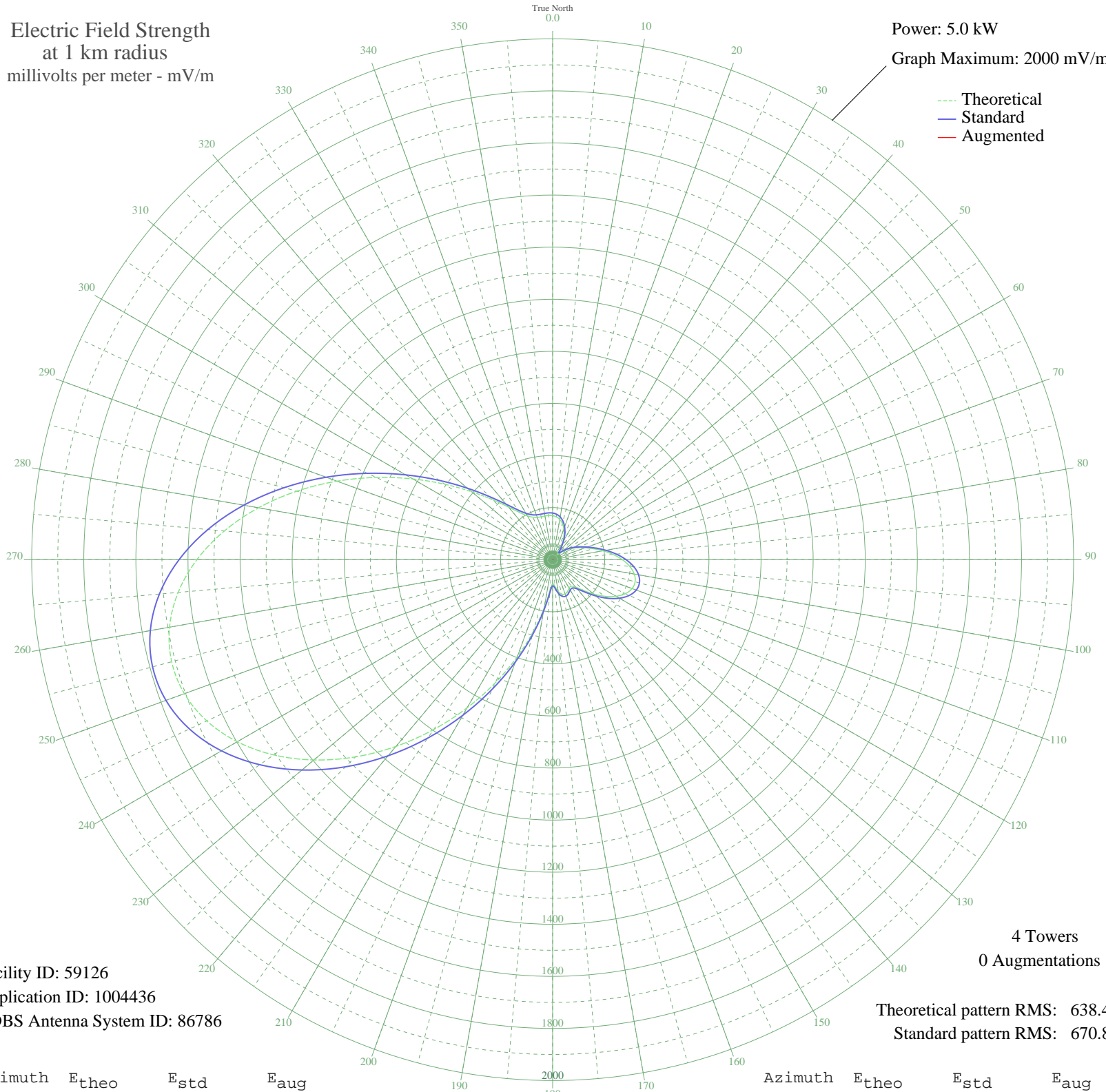
WLSS SARASOTA, FL BL-20040716ACI 930 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 59126
Application ID: 1004436
CDBS Antenna System ID: 86786

Theoretical pattern RMS: 638.40
Standard pattern RMS: 670.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	169.08	179.08	
5	165.08	174.92	
10	156.99	166.50	
15	143.97	152.99	
20	125.82	134.19	
25	103.03	110.70	
30	76.88	84.07	
35	49.77	57.29	
40	27.65	37.34	
45	28.20	37.79	
50	47.15	54.79	
55	67.72	74.88	
60	87.48	94.81	
65	108.17	115.98	
70	132.43	141.02	
75	161.89	171.60	
80	196.07	207.20	
85	232.48	245.23	
90	267.52	281.87	
95	297.26	313.01	
100	318.21	334.94	
105	327.75	344.93	
110	324.47	341.51	
115	308.40	324.67	
120	280.98	295.96	
125	245.09	258.41	
130	205.03	216.56	
135	166.72	176.62	
140	137.61	146.39	
145	124.34	132.65	
150	126.29	134.66	
155	134.66	143.33	
160	140.18	149.05	
165	137.16	145.92	
170	123.75	132.04	
175	103.39	111.07	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	92.46	99.88	
185	120.45	128.64	
190	189.26	200.10	
195	284.07	299.20	
200	396.69	417.18	
205	522.33	548.95	
210	656.95	690.20	
215	796.36	836.51	
220	936.05	983.13	
225	1071.14	1124.94	
230	1196.55	1256.60	
235	1307.16	1372.72	
240	1398.10	1468.19	
245	1465.02	1538.45	
250	1504.49	1579.89	
255	1514.27	1590.15	
260	1493.56	1568.42	
265	1443.23	1515.57	
270	1365.75	1434.23	
275	1265.14	1328.61	
280	1146.68	1204.24	
285	1016.49	1067.57	
290	881.08	925.43	
295	746.87	784.57	
300	619.76	651.17	
305	504.72	530.47	
310	405.60	426.53	
315	324.93	341.98	
320	263.71	277.89	
325	221.16	233.40	
330	194.55	205.62	
335	179.82	190.27	
340	172.86	183.01	
345	170.41	180.46	
350	170.15	180.19	
355	170.26	180.31	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission