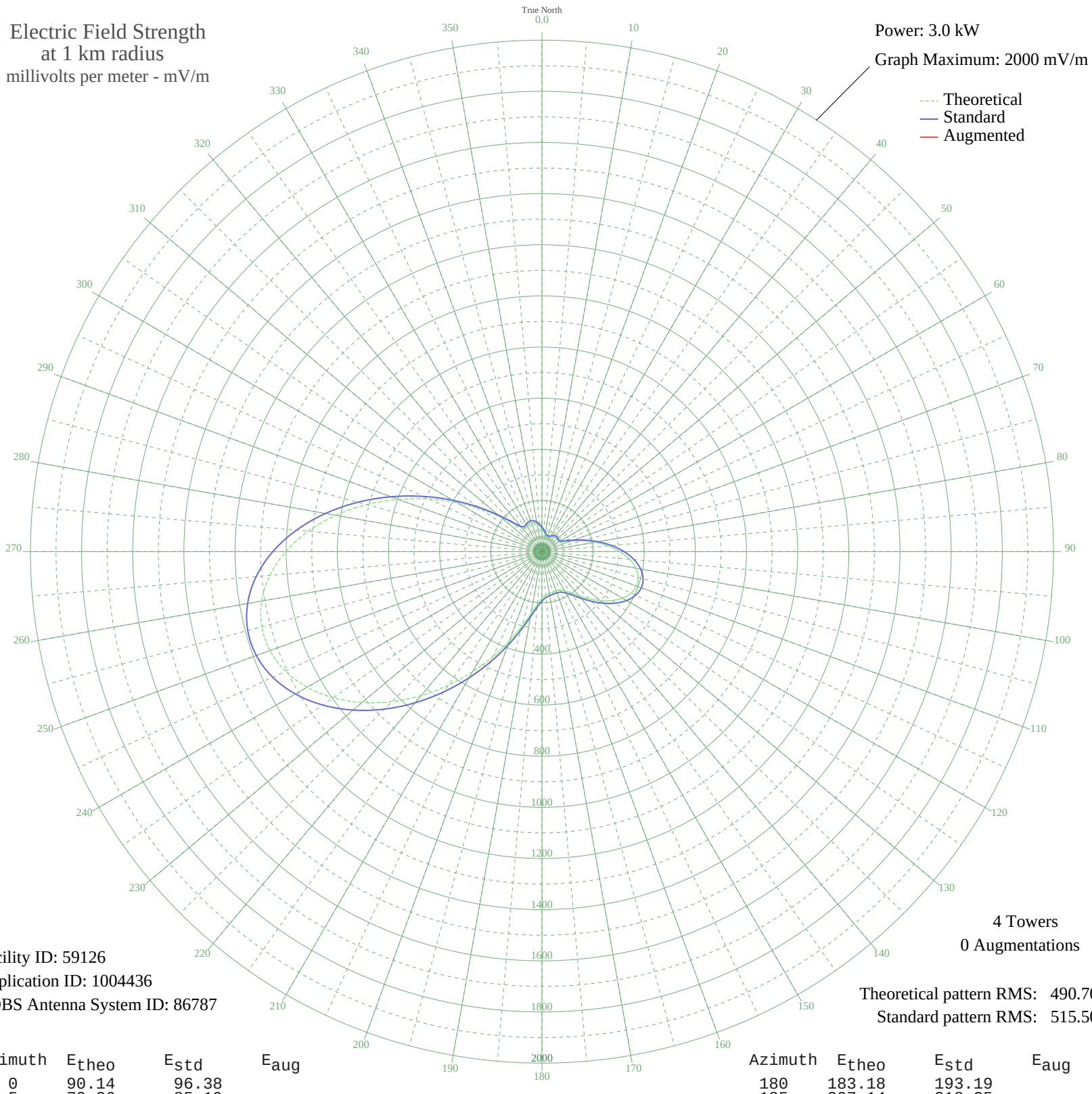
WLSS SARASOTA, FL BL-20040716ACI 930 kHz

Nighttime

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



Power: 3.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 59126
Application ID: 1004436
CDBS Antenna System ID: 86787

Theoretical pattern RMS: 490.70
Standard pattern RMS: 515.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	90.14	96.38	
5	79.26	85.19	
10	69.77	75.48	
15	63.01	68.61	
20	60.10	65.67	
25	61.30	66.89	
30	65.50	71.14	
35	70.71	76.44	
40	74.86	80.68	
45	76.48	82.34	
50	75.35	81.18	
55	73.68	79.47	
60	77.34	83.22	
65	93.46	99.80	
70	123.85	131.31	
75	164.94	174.14	
80	211.91	223.24	
85	260.17	273.78	
90	305.47	321.26	
95	344.05	361.71	
100	372.80	391.86	
105	389.56	409.45	
110	393.32	413.38	
115	384.23	403.85	
120	363.65	382.26	
125	333.97	351.14	
130	298.45	313.90	
135	260.97	274.62	
140	225.73	237.71	
145	196.71	207.35	
150	176.70	186.42	
155	166.02	175.26	
160	162.42	171.51	
165	162.77	171.87	
170	165.28	174.50	
175	170.87	180.33	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	183.18	193.19	
185	207.14	218.25	
190	246.34	259.29	
195	301.49	317.08	
200	371.02	390.00	
205	452.30	475.27	
210	542.23	569.64	
215	637.47	669.59	
220	734.40	771.33	
225	829.17	870.82	
230	917.75	963.81	
235	996.03	1045.99	
240	1060.06	1113.21	
245	1106.22	1161.68	
250	1131.57	1188.29	
255	1134.06	1190.91	
260	1112.81	1168.59	
265	1068.22	1121.78	
270	1002.07	1052.33	
275	917.41	963.46	
280	818.39	859.50	
285	709.93	745.65	
290	597.37	627.50	
295	486.11	510.74	
300	381.34	400.82	
305	287.89	302.83	
310	210.41	221.68	
315	153.77	162.48	
320	122.01	129.40	
325	112.95	119.98	
330	115.77	122.91	
335	120.11	127.42	
340	121.17	128.53	
345	117.87	125.09	
350	110.77	117.73	
355	101.09	107.69	

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