

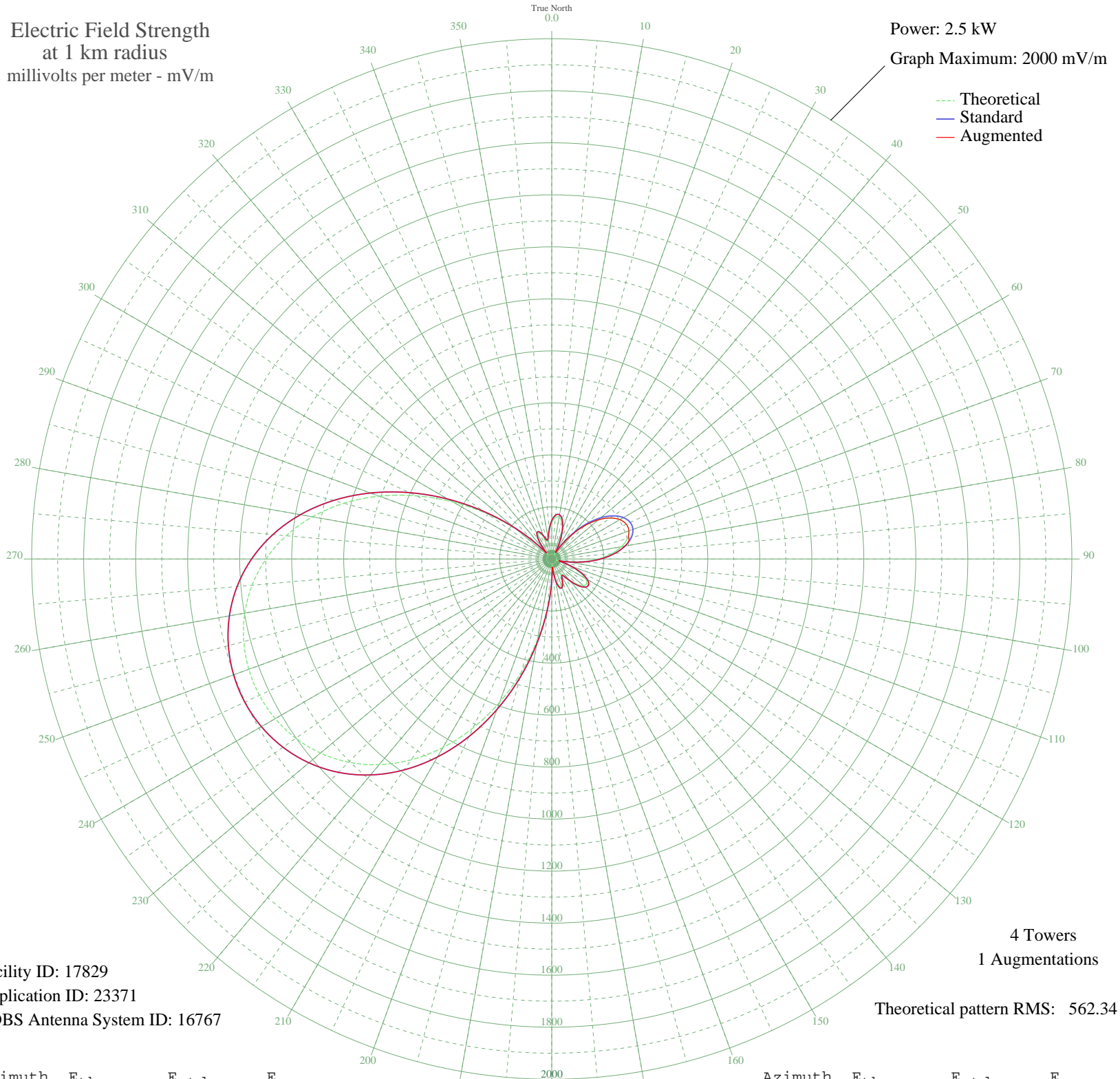
WOPP OPP, AL BL-19800911AA 1290 kHz

Daytime

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

Power: 2.5 kW

Graph Maximum: 2000 mV/m



Facility ID: 17829
Application ID: 23371
CDBS Antenna System ID: 16767

Theoretical pattern RMS: 562.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	139.03	147.52	147.52
5	159.92	169.26	169.26
10	163.14	172.61	172.61
15	147.13	155.94	155.94
20	113.32	120.87	120.87
25	65.56	72.04	72.04
30	17.61	28.16	28.16
35	61.51	67.99	67.99
40	123.99	131.91	123.99
45	182.94	193.26	182.94
50	234.10	246.73	234.10
55	274.59	289.10	274.59
60	302.39	318.22	302.39
65	316.28	332.77	316.28
70	315.67	332.13	315.67
75	300.58	316.32	307.14
80	271.65	286.03	286.03
85	230.19	242.63	242.63
90	178.24	188.36	188.36
95	118.81	126.54	126.54
100	56.33	62.85	62.85
105	19.61	29.59	29.59
110	69.96	76.47	76.47
115	116.76	124.43	124.43
120	149.19	158.09	158.09
125	163.61	173.10	173.10
130	158.80	168.09	168.09
135	136.62	145.01	145.01
140	103.26	110.49	110.49
145	73.10	79.64	79.64
150	70.50	77.01	77.01
155	91.86	98.77	98.77
160	108.88	116.28	116.28
165	105.80	113.10	113.10
170	76.02	82.60	82.60
175	24.48	33.35	33.35

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	77.79	84.40	84.40
185	187.11	197.62	197.62
190	313.88	330.26	330.26
195	449.43	472.38	472.38
200	586.00	615.67	615.67
205	716.88	753.03	753.03
210	836.89	878.99	878.99
215	942.53	989.89	989.89
220	1031.93	1083.73	1083.73
225	1104.52	1159.95	1159.95
230	1160.71	1218.93	1218.93
235	1201.39	1261.64	1261.64
240	1227.60	1289.15	1289.15
245	1240.19	1302.38	1302.38
250	1239.64	1301.80	1301.80
255	1225.93	1287.40	1287.40
260	1198.55	1258.65	1258.65
265	1156.60	1214.62	1214.62
270	1099.07	1154.22	1154.22
275	1025.07	1076.53	1076.53
280	934.27	981.21	981.21
285	827.33	868.96	868.96
290	706.25	741.87	741.87
295	574.67	603.78	603.78
300	437.91	460.30	460.30
305	302.79	318.63	318.63
310	177.13	187.20	187.20
315	69.78	76.28	76.28
320	28.24	36.48	36.48
325	79.59	86.23	86.23
330	107.04	114.38	114.38
335	108.08	115.45	115.45
340	89.92	96.77	96.77
345	69.39	75.89	75.89
350	74.90	81.47	81.47
355	106.22	113.54	113.54