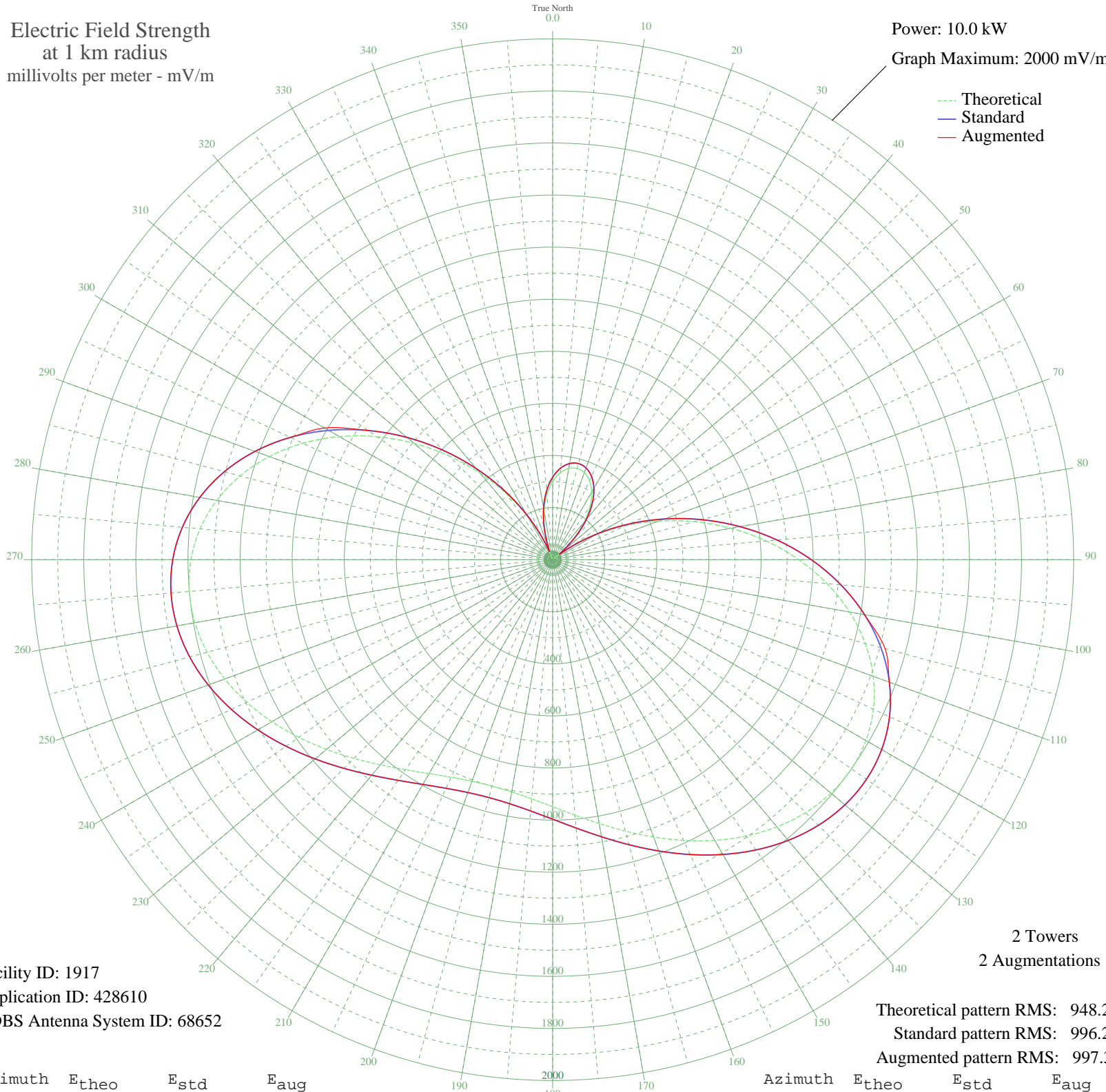


WJNO WEST PALM BEACH, FL BL-19991213ABA 1290 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 1917
Application ID: 428610
CDBS Antenna System ID: 68652

2 Towers
2 Augmentations

Theoretical pattern RMS: 948.26
Standard pattern RMS: 996.23
Augmented pattern RMS: 997.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	299.75	316.49	316.49
5	334.59	352.88	352.88
10	355.49	374.74	374.74
15	362.46	382.03	382.03
20	355.49	374.74	374.74
25	334.59	352.88	352.88
30	299.75	316.49	316.49
35	251.03	265.67	265.67
40	188.58	200.78	200.78
45	112.73	122.93	122.93
50	24.06	41.72	41.72
55	76.50	86.92	86.92
60	187.62	199.78	199.78
65	307.50	324.58	324.58
70	433.87	456.78	456.78
75	564.02	593.16	593.16
80	694.86	730.36	730.36
85	823.03	864.82	864.82
90	945.07	992.88	992.88
95	1057.61	1110.98	1110.98
100	1157.53	1215.86	1215.86
105	1242.21	1304.74	1321.60
110	1309.65	1375.53	1375.53
115	1358.60	1426.91	1426.91
120	1388.65	1458.46	1458.46
125	1400.24	1470.62	1470.62
130	1394.56	1464.67	1464.67
135	1373.54	1442.60	1442.60
140	1339.59	1406.97	1406.97
145	1295.56	1360.74	1360.74
150	1244.45	1307.10	1307.10
155	1189.35	1249.25	1249.25
160	1133.21	1190.33	1190.33
165	1078.80	1133.22	1133.22
170	1028.56	1080.50	1080.50
175	984.61	1034.37	1034.37

Azimuth	E _{theo}	E _{std}	E _{aug}
180	948.66	996.65	996.65
185	922.04	968.71	968.71
190	905.70	951.56	951.56
195	900.19	945.78	945.78
200	905.70	951.56	951.56
205	922.04	968.71	968.71
210	948.66	996.65	996.65
215	984.61	1034.37	1034.37
220	1028.56	1080.50	1080.50
225	1078.80	1133.22	1133.22
230	1133.21	1190.33	1190.33
235	1189.35	1249.26	1249.26
240	1244.45	1307.10	1307.10
245	1295.56	1360.74	1360.74
250	1339.59	1406.97	1406.97
255	1373.54	1442.60	1442.60
260	1394.56	1464.67	1464.67
265	1400.24	1470.62	1470.62
270	1388.65	1458.46	1458.46
275	1358.60	1426.91	1426.91
280	1309.65	1375.53	1375.53
285	1242.21	1304.74	1304.74
290	1157.53	1215.86	1215.86
295	1057.61	1110.98	1110.98
300	945.07	992.88	1011.40
305	823.03	864.82	864.82
310	694.86	730.36	730.36
315	564.02	593.15	593.15
320	433.87	456.77	456.77
325	307.50	324.58	324.58
330	187.62	199.78	199.78
335	76.50	86.92	86.92
340	24.06	41.72	41.72
345	112.73	122.93	122.93
350	188.58	200.78	200.78
355	251.03	265.67	265.67

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission