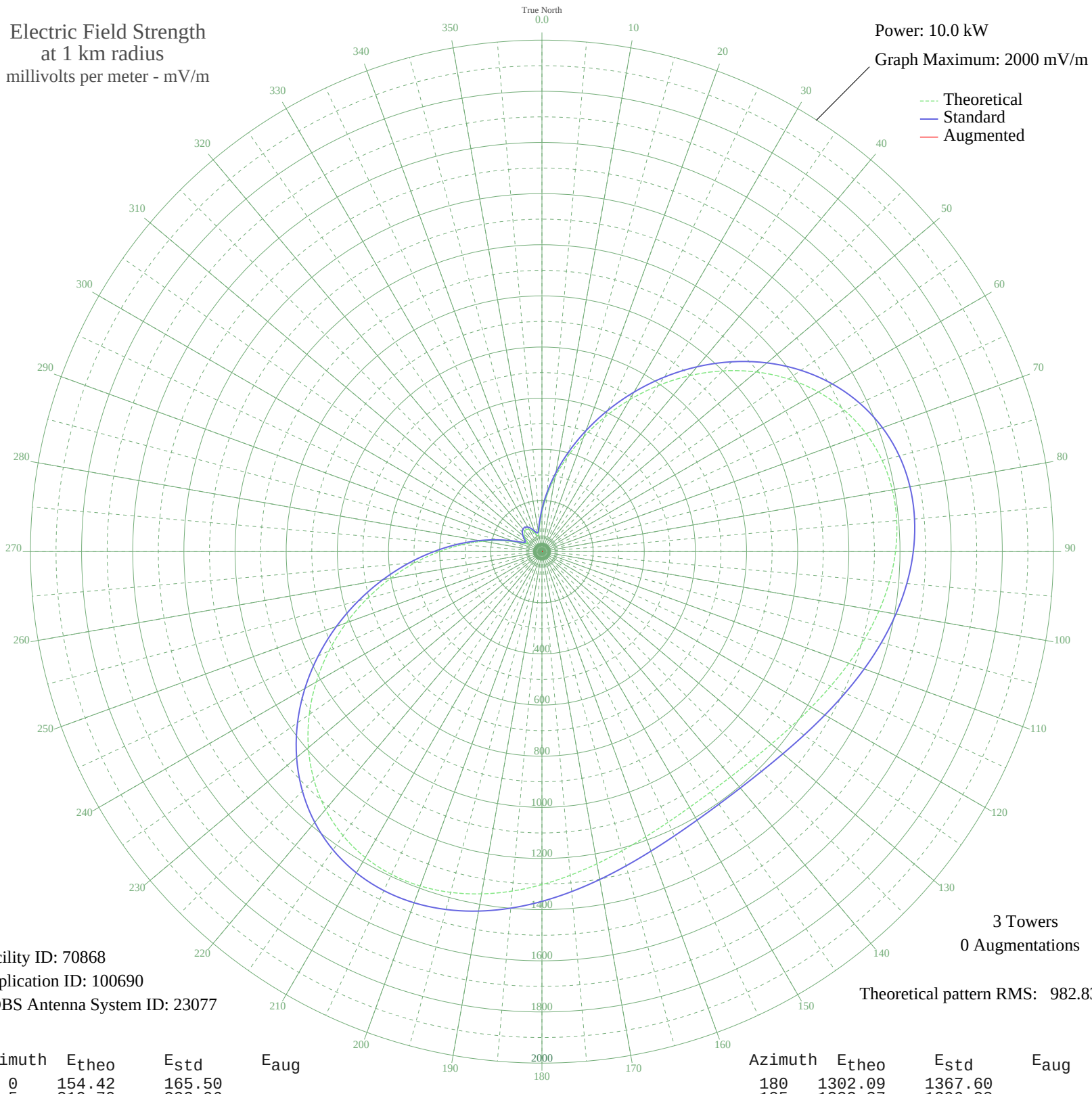
WITK PITTSTON, PA BL-19870427AM 1550 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 70868
Application ID: 100690
CDBS Antenna System ID: 23077

Theoretical pattern RMS: 982.83

Azimuth	E_{theo}	E_{std}	E_{aug}
0	154.42	165.50	
5	219.70	233.06	
10	296.46	313.05	
15	383.13	403.66	
20	478.15	503.16	
25	579.62	609.51	
30	685.24	720.27	
35	792.36	832.64	
40	898.04	943.53	
45	999.26	1049.75	
50	1093.08	1148.22	
55	1176.84	1236.13	
60	1248.35	1311.19	
65	1306.04	1371.74	
70	1349.04	1416.88	
75	1377.26	1446.50	
80	1391.31	1461.25	
85	1392.47	1462.47	
90	1382.51	1452.01	
95	1363.58	1432.15	
100	1338.05	1405.35	
105	1308.33	1374.15	
110	1276.75	1341.00	
115	1245.46	1308.16	
120	1216.36	1277.61	
125	1191.03	1251.02	
130	1170.75	1229.74	
135	1156.47	1214.74	
140	1148.81	1206.70	
145	1148.11	1205.97	
150	1154.39	1212.56	
155	1167.39	1226.21	
160	1186.54	1246.31	
165	1210.95	1271.93	
170	1239.41	1301.81	
175	1270.41	1334.34	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1302.09	1367.60	
185	1332.37	1399.38	
190	1358.93	1427.26	
195	1379.36	1448.71	
200	1391.30	1461.24	
205	1392.52	1462.53	
210	1381.17	1450.61	
215	1355.86	1424.04	
220	1315.83	1382.02	
225	1261.03	1324.50	
230	1192.19	1252.23	
235	1110.72	1166.73	
240	1018.71	1070.16	
245	918.74	965.25	
250	813.70	855.03	
255	706.64	742.71	
260	600.49	631.39	
265	498.00	523.95	
270	401.53	422.91	
275	313.05	330.37	
280	234.19	248.13	
285	166.46	177.91	
290	112.01	122.20	
295	75.38	85.83	
300	63.66	74.64	
305	72.53	83.08	
310	86.91	97.11	
315	98.67	108.79	
320	105.21	115.35	
325	105.82	115.96	
330	100.43	110.56	
335	89.60	99.77	
340	75.35	85.81	
345	64.28	75.22	
350	70.88	81.50	
355	103.04	113.17	

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
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