

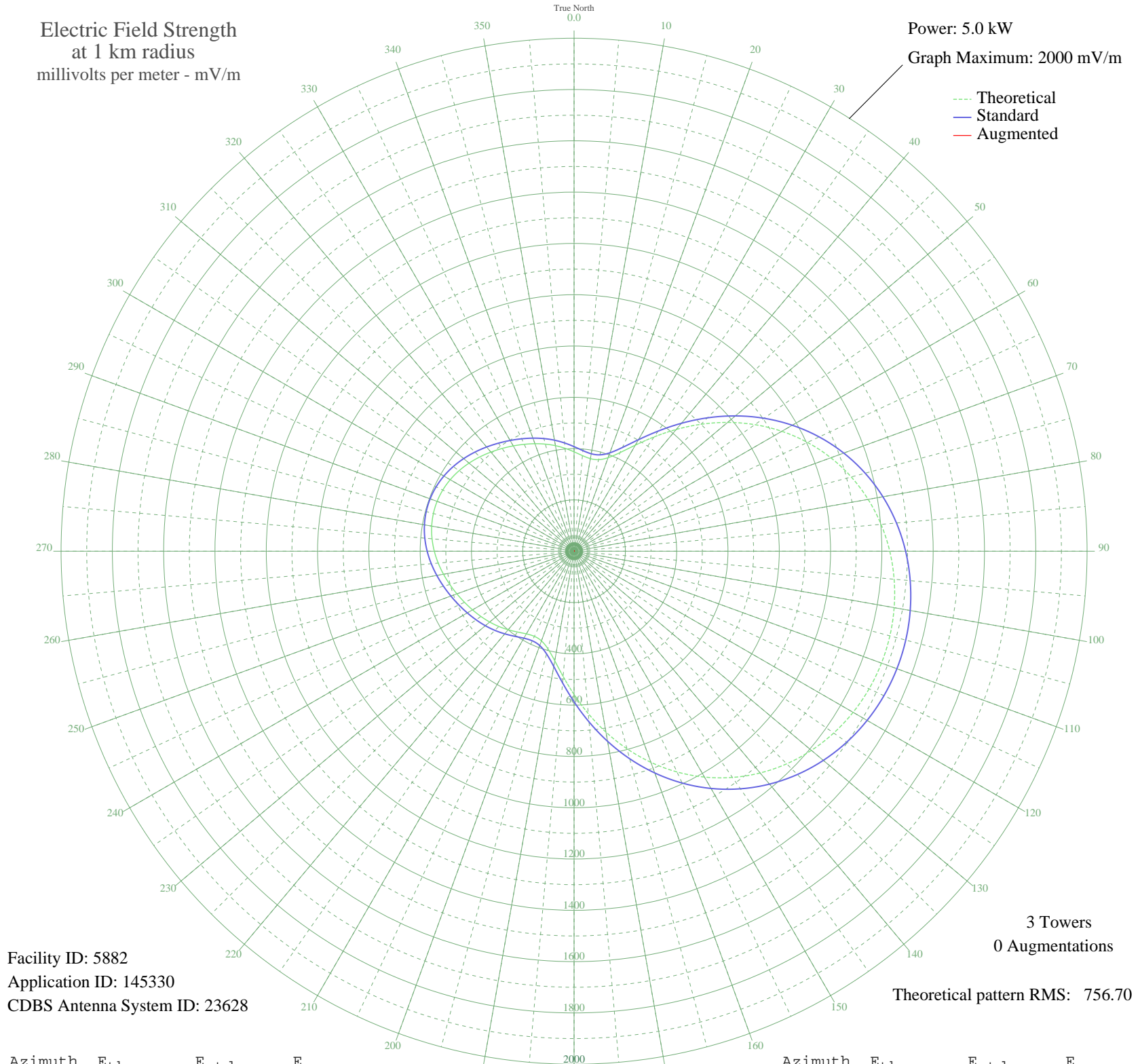
WARV WARWICK, RI BL-19900222AC 1590 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 5882
Application ID: 145330
CDBS Antenna System ID: 23628

3 Towers
0 Augmentations

Theoretical pattern RMS: 756.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	387.47	407.71	
5	374.18	393.78	
10	366.55	385.79	
15	369.58	388.96	
20	388.03	408.29	
25	424.32	446.32	
30	477.48	502.05	
35	544.07	571.88	
40	619.66	651.18	
45	699.96	735.43	
50	781.23	820.72	
55	860.43	903.84	
60	935.21	982.33	
65	1003.87	1054.40	
70	1065.28	1118.85	
75	1118.79	1175.02	
80	1164.15	1222.65	
85	1201.41	1261.76	
90	1230.79	1292.60	
95	1252.60	1315.49	
100	1267.14	1330.76	
105	1274.69	1338.68	
110	1275.37	1339.40	
115	1269.21	1332.93	
120	1256.08	1319.15	
125	1235.75	1297.80	
130	1207.91	1268.58	
135	1172.25	1231.14	
140	1128.51	1185.23	
145	1076.62	1130.76	
150	1016.76	1067.93	
155	949.48	997.31	
160	875.81	919.98	
165	797.32	837.60	
170	716.24	752.52	
175	635.47	667.77	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	558.61	587.13	
185	489.86	515.04	
190	433.69	456.14	
195	393.84	414.38	
200	371.91	391.40	
205	366.13	385.35	
210	372.06	391.55	
215	384.56	404.66	
220	399.63	420.44	
225	414.89	436.43	
230	429.43	451.68	
235	443.33	466.25	
240	457.09	480.67	
245	471.24	495.51	
250	486.05	511.04	
255	501.42	527.15	
260	516.86	543.35	
265	531.63	558.84	
270	544.87	572.73	
275	555.76	584.15	
280	563.58	592.35	
285	567.83	596.81	
290	568.22	597.22	
295	564.73	593.56	
300	557.59	586.07	
305	547.26	575.24	
310	534.43	561.77	
315	519.89	546.53	
320	504.52	530.41	
325	489.09	514.23	
330	474.15	498.56	
335	459.87	483.59	
340	446.08	469.13	
345	432.25	454.64	
350	417.86	439.55	
355	402.71	423.67	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission