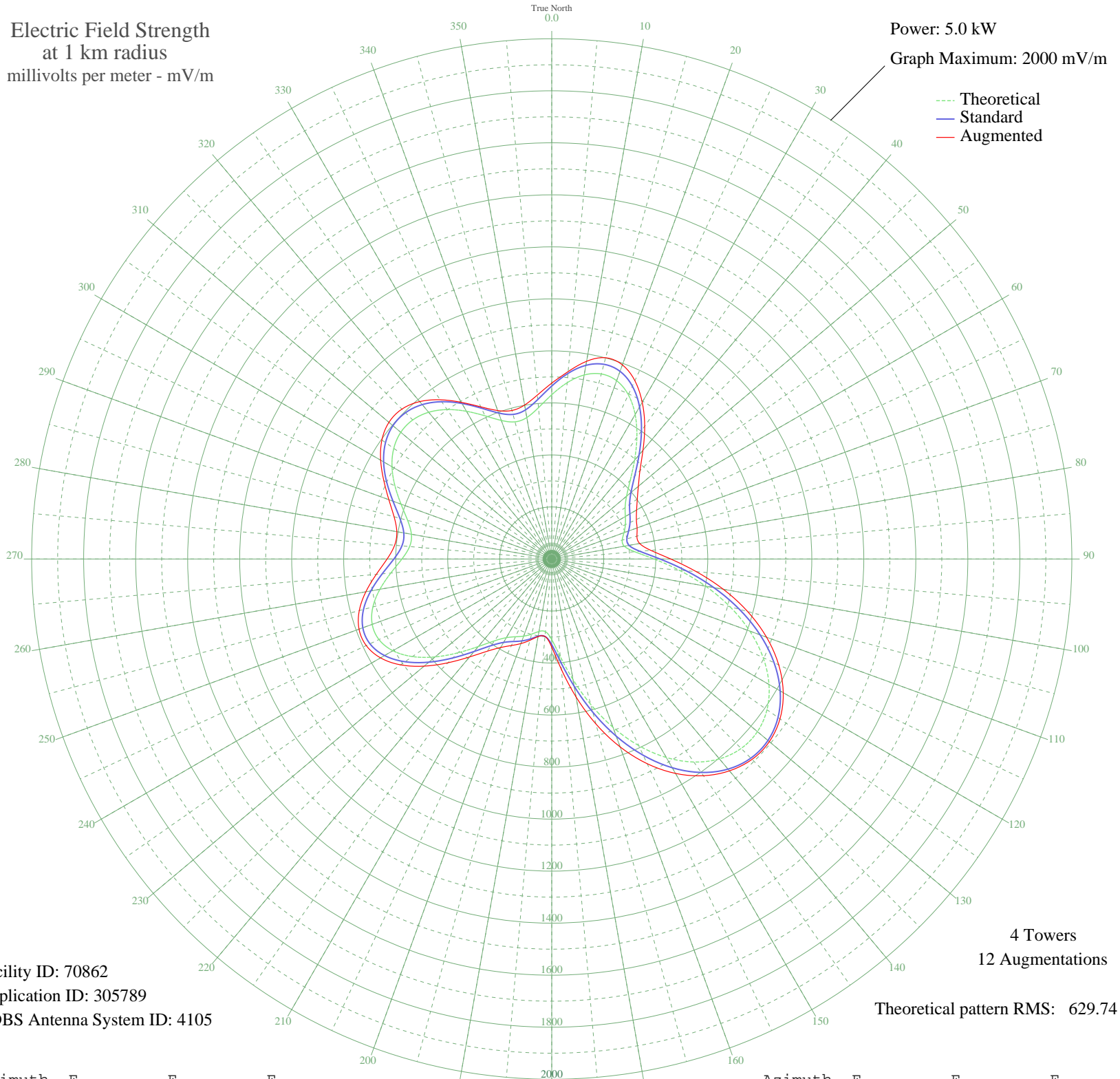


WKCI WAYNESBORO, VA BL-- 970 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 70862
Application ID: 305789
CDBS Antenna System ID: 4105

4 Towers
12 Augmentations
Theoretical pattern RMS: 629.74

Azimuth	E _{theo}	E _{std}	E _{aug}
0	631.41	664.94	676.07
5	680.29	716.12	723.29
10	718.33	755.97	771.83
15	736.47	774.97	800.99
20	729.60	767.78	794.25
25	696.84	733.46	756.40
30	641.48	675.48	695.77
35	570.76	601.47	623.20
40	495.16	522.41	545.75
45	426.74	450.97	479.54
50	375.57	397.64	434.80
55	344.48	365.28	401.59
60	326.87	346.99	376.82
65	312.42	331.98	359.14
70	295.51	314.45	349.22
75	280.67	299.09	339.06
80	283.31	301.81	343.32
85	320.21	340.06	382.19
90	393.51	416.32	457.43
95	491.59	518.68	557.97
100	600.72	632.81	669.84
105	709.83	747.07	779.67
110	810.66	852.72	879.01
115	897.10	943.33	962.98
120	964.72	1014.23	1027.90
125	1010.50	1062.25	1071.47
130	1032.58	1085.41	1092.37
135	1030.11	1082.82	1089.42
140	1003.19	1054.59	1063.21
145	952.86	1001.80	1017.13
150	881.19	926.66	951.82
155	791.48	832.62	868.29
160	688.44	724.66	768.74
165	578.58	609.65	656.67
170	470.68	496.84	538.46
175	376.40	398.50	426.08

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	309.71	329.17	338.58
185	280.45	298.85	298.85
190	282.86	301.35	302.81
195	299.04	318.11	323.45
200	315.45	335.13	345.89
205	329.83	350.06	366.99
210	349.30	370.29	392.93
215	384.15	406.57	432.94
220	439.29	464.07	491.45
225	510.09	538.02	564.20
230	585.67	617.06	640.84
235	654.07	688.66	709.55
240	705.37	742.39	760.24
245	733.08	771.42	787.20
250	734.74	773.16	788.68
255	712.08	749.42	766.26
260	671.02	706.42	725.84
265	621.39	654.45	677.24
270	576.09	607.04	633.15
275	548.65	578.33	606.46
280	548.02	577.68	605.02
285	573.71	604.55	627.65
290	616.74	649.58	666.58
295	665.32	700.45	712.49
300	709.33	746.54	759.62
305	741.59	780.34	797.40
310	757.78	797.30	817.32
315	755.95	795.39	814.91
320	736.32	774.82	789.99
325	701.28	738.11	747.29
330	655.69	690.36	695.45
335	607.31	639.72	645.40
340	566.82	597.34	607.36
345	545.87	575.43	591.14
350	552.16	582.01	600.95
355	584.13	615.45	632.73