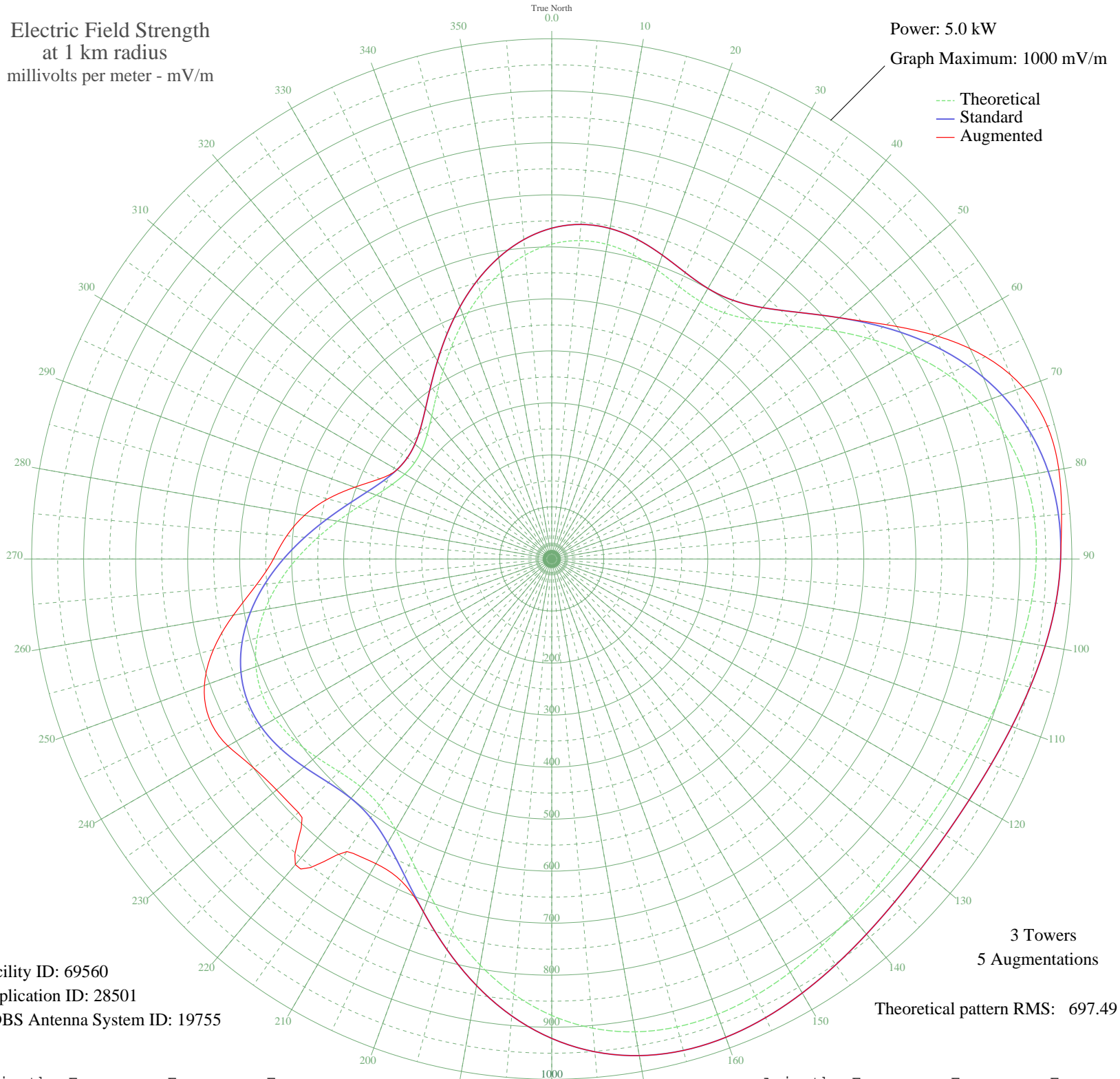


WGPL PORTSMOUTH, VA BL-19810309AT 1350 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 69560
Application ID: 28501
CDBS Antenna System ID: 19755

3 Towers
5 Augmentations

Theoretical pattern RMS: 697.49

Azimuth	Etheo	Estd	Eaug
0	605.20	635.90	635.90
5	614.43	645.58	645.58
10	614.01	645.14	645.14
15	605.30	636.00	636.00
20	591.61	621.64	621.64
25	578.19	607.55	607.55
30	571.56	600.60	600.60
35	577.82	607.17	607.17
40	600.31	630.76	630.76
45	638.14	670.46	670.46
50	686.83	721.55	721.55
55	740.30	777.67	785.26
60	792.68	832.65	856.64
65	839.39	881.67	920.07
70	877.42	921.59	964.56
75	905.31	950.86	986.57
80	922.92	969.35	990.04
85	931.15	977.99	984.04
90	931.58	978.44	978.44
95	926.21	972.81	972.81
100	917.19	963.33	963.33
105	906.59	952.21	952.21
110	896.27	941.38	941.38
115	887.77	932.45	932.45
120	882.20	926.61	926.61
125	880.27	924.58	924.58
130	882.20	926.61	926.61
135	887.77	932.45	932.45
140	896.27	941.38	941.38
145	906.59	952.21	952.21
150	917.19	963.33	963.33
155	926.21	972.81	972.81
160	931.58	978.44	978.44
165	931.15	977.99	977.99
170	922.92	969.35	969.35
175	905.31	950.86	950.86

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	877.42	921.59	921.59
185	839.39	881.67	881.67
190	792.68	832.65	832.65
195	740.30	777.67	777.67
200	686.83	721.55	721.55
205	638.14	670.46	683.42
210	600.31	630.76	676.22
215	577.82	607.17	686.55
220	571.56	600.60	766.87
225	578.19	607.55	688.91
230	591.61	621.64	690.61
235	605.30	636.00	699.89
240	614.01	645.14	718.98
245	614.43	645.58	726.43
250	605.20	635.90	710.70
255	586.52	616.30	673.58
260	559.76	588.22	621.52
265	527.02	553.87	569.99
270	490.78	515.86	535.01
275	453.59	476.85	511.43
280	417.86	439.38	482.80
285	385.71	405.68	445.82
290	358.91	377.59	403.22
295	338.81	356.52	364.65
300	326.37	343.49	343.49
305	322.16	339.08	339.08
310	326.37	343.49	343.49
315	338.81	356.52	356.52
320	358.91	377.59	377.59
325	385.71	405.68	405.68
330	417.86	439.38	439.38
335	453.59	476.85	476.85
340	490.78	515.86	515.86
345	527.02	553.87	553.87
350	559.76	588.22	588.22
355	586.52	616.30	616.30