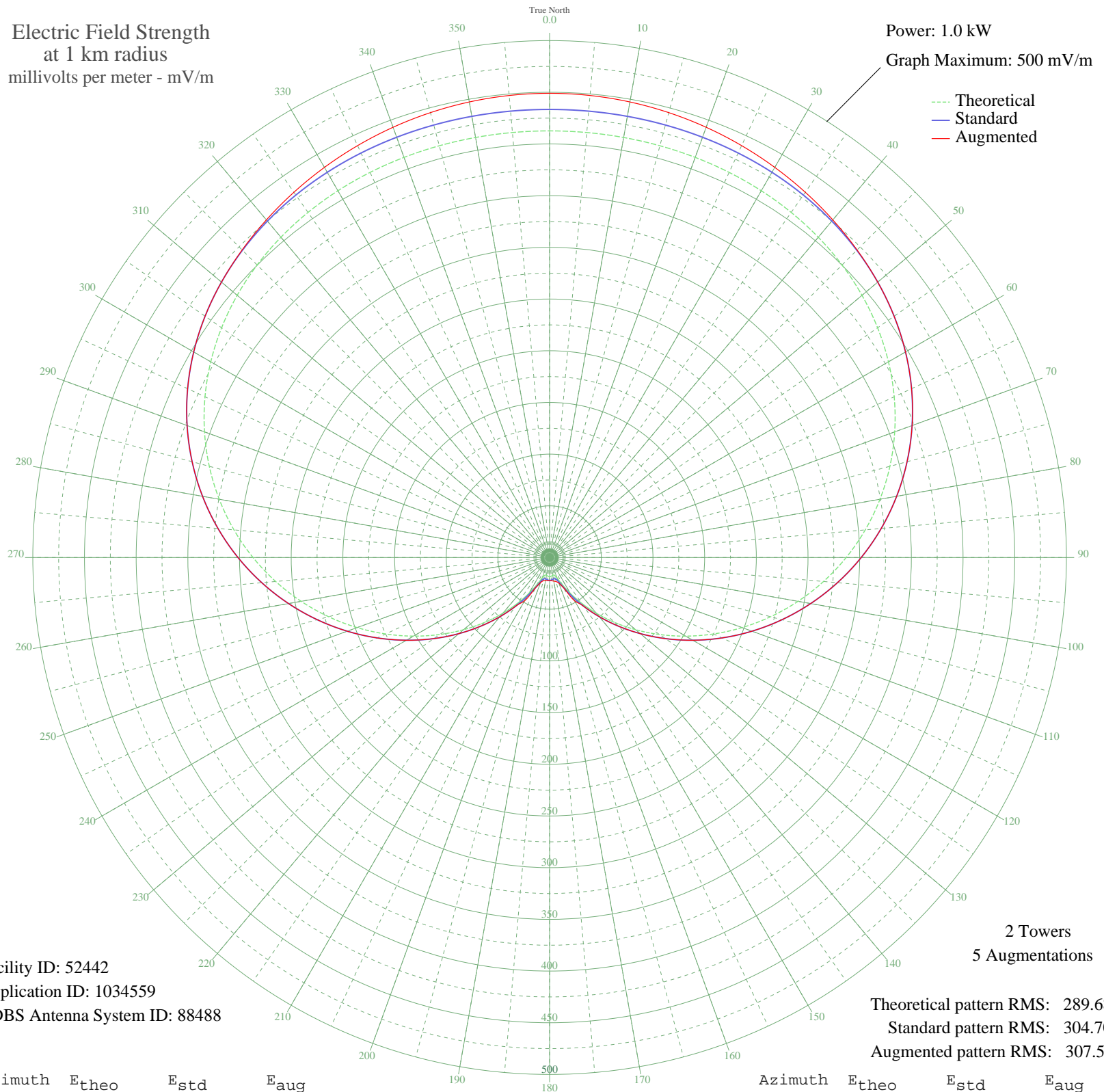


WURD PHILADELPHIA, PA BL-20041122AJS 900 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 52442  
Application ID: 1034559  
CDBS Antenna System ID: 88488

2 Towers  
5 Augmentations

Theoretical pattern RMS: 289.68  
Standard pattern RMS: 304.70  
Augmented pattern RMS: 307.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	412.65	433.41	449.00
5	412.63	433.39	448.60
10	412.54	433.29	447.42
15	412.31	433.06	445.49
20	411.85	432.57	442.85
25	411.01	431.69	439.58
30	409.62	430.23	435.72
35	407.49	427.99	431.29
40	404.40	424.75	426.30
45	400.16	420.30	420.70
50	394.56	414.42	414.42
55	387.40	406.91	406.91
60	378.55	397.61	397.61
65	367.87	386.41	386.41
70	355.32	373.23	373.23
75	340.87	358.06	358.06
80	324.57	340.96	340.96
85	306.55	322.05	322.05
90	286.96	301.49	301.49
95	266.04	279.54	279.54
100	244.06	256.48	256.48
105	221.34	232.64	232.64
110	198.20	208.37	208.37
115	175.00	184.05	184.05
120	152.10	160.05	160.05
125	129.86	136.76	136.76
130	108.61	114.53	114.53
135	88.69	93.71	93.71
140	70.39	74.65	74.65
145	54.05	57.71	57.71
150	40.03	43.32	48.30
155	28.83	32.04	32.53
160	21.16	24.58	26.46
165	17.62	21.27	24.10
170	17.35	21.02	23.20
175	18.20	21.81	22.53

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	18.64	22.21	22.21
185	18.20	21.81	22.32
190	17.35	21.02	22.58
195	17.62	21.27	23.30
200	21.16	24.58	25.92
205	28.83	32.04	32.39
210	40.03	43.32	48.30
215	54.05	57.71	57.71
220	70.39	74.65	74.65
225	88.69	93.71	93.71
230	108.61	114.53	114.53
235	129.86	136.76	136.76
240	152.10	160.05	160.05
245	175.00	184.05	184.05
250	198.20	208.37	208.37
255	221.34	232.64	232.64
260	244.07	256.48	256.48
265	266.04	279.54	279.54
270	286.96	301.49	301.49
275	306.55	322.05	322.05
280	324.57	340.96	340.96
285	340.87	358.06	358.06
290	355.32	373.23	373.23
295	367.87	386.41	386.41
300	378.55	397.61	397.61
305	387.40	406.91	406.91
310	394.56	414.42	414.42
315	400.16	420.30	420.70
320	404.40	424.75	426.30
325	407.49	427.99	431.29
330	409.62	430.23	435.72
335	411.01	431.69	439.58
340	411.85	432.57	442.85
345	412.31	433.06	445.49
350	412.54	433.29	447.42
355	412.63	433.39	448.60