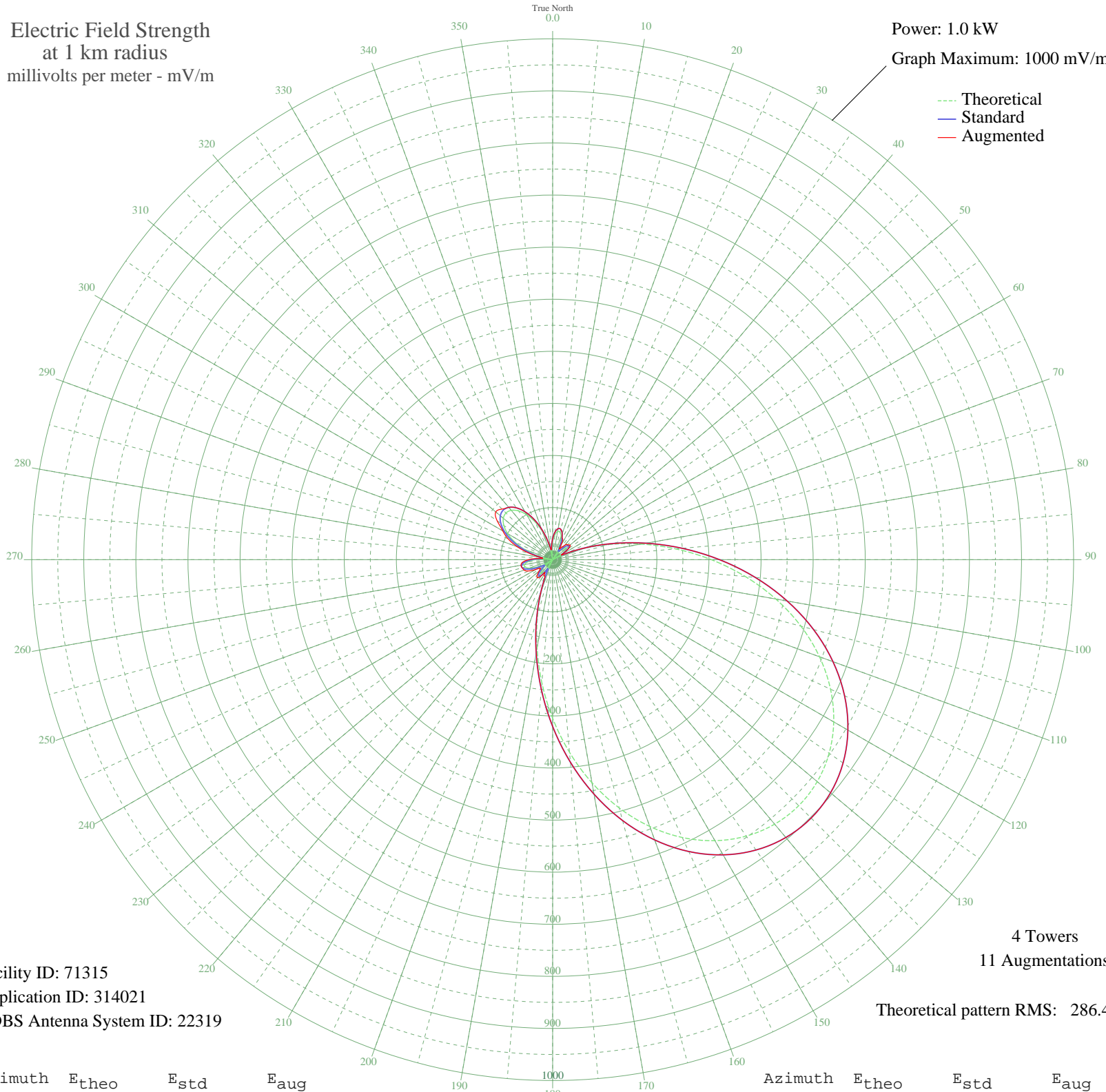


# WUBA PHILADELPHIA, PA BL-- 1480 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

4 Towers  
11 Augmentations

Theoretical pattern RMS: 286.46

Facility ID: 71315  
Application ID: 314021  
CDBS Antenna System ID: 22319

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	34.02	40.31	40.31
5	47.73	53.48	53.48
10	54.81	60.51	60.51
15	54.68	60.37	60.37
20	47.51	53.26	53.26
25	34.36	40.63	44.45
30	17.16	25.95	31.59
35	1.48	18.74	28.63
40	18.46	26.92	35.86
45	30.56	37.13	40.04
50	34.80	41.04	43.65
55	28.80	35.54	37.38
60	11.04	21.98	21.98
65	18.97	27.31	27.31
70	60.66	66.38	66.38
75	112.52	119.61	119.61
80	172.29	181.86	181.86
85	237.26	249.82	249.82
90	304.54	320.31	320.31
95	371.29	390.31	390.31
100	434.99	457.12	457.12
105	493.49	518.50	518.50
110	545.08	572.64	572.64
115	588.53	618.24	618.24
120	622.99	654.40	654.40
125	647.90	680.55	680.55
130	662.95	696.35	696.35
135	667.98	701.63	701.63
140	662.95	696.35	696.35
145	647.90	680.55	680.55
150	622.99	654.40	654.40
155	588.54	618.24	618.24
160	545.08	572.64	572.64
165	493.49	518.50	518.50
170	434.99	457.13	457.13
175	371.30	390.31	390.31

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	304.54	320.31	320.31
185	237.26	249.82	249.82
190	172.29	181.87	181.87
195	112.52	119.61	119.61
200	60.66	66.38	66.38
205	18.97	27.31	34.57
210	11.04	21.98	30.53
215	28.80	35.54	37.52
220	34.80	41.04	45.26
225	30.56	37.13	41.82
230	18.46	26.92	33.90
235	1.48	18.74	28.70
240	17.15	25.95	37.99
245	34.36	40.63	51.50
250	47.51	53.26	58.39
255	54.68	60.37	60.54
260	54.81	60.51	61.75
265	47.73	53.48	57.95
270	34.02	40.31	46.07
275	14.92	24.38	27.30
280	7.92	20.45	20.83
285	32.62	39.01	44.96
290	57.28	62.97	71.91
295	80.10	86.15	94.08
300	99.54	106.17	110.53
305	114.34	121.50	130.01
310	123.58	131.10	142.59
315	126.73	134.37	137.35
320	123.58	131.10	131.10
325	114.34	121.50	121.50
330	99.54	106.17	106.17
335	80.10	86.15	86.15
340	57.28	62.97	62.97
345	32.62	39.01	39.01
350	7.92	20.45	20.45
355	14.92	24.38	24.38

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission