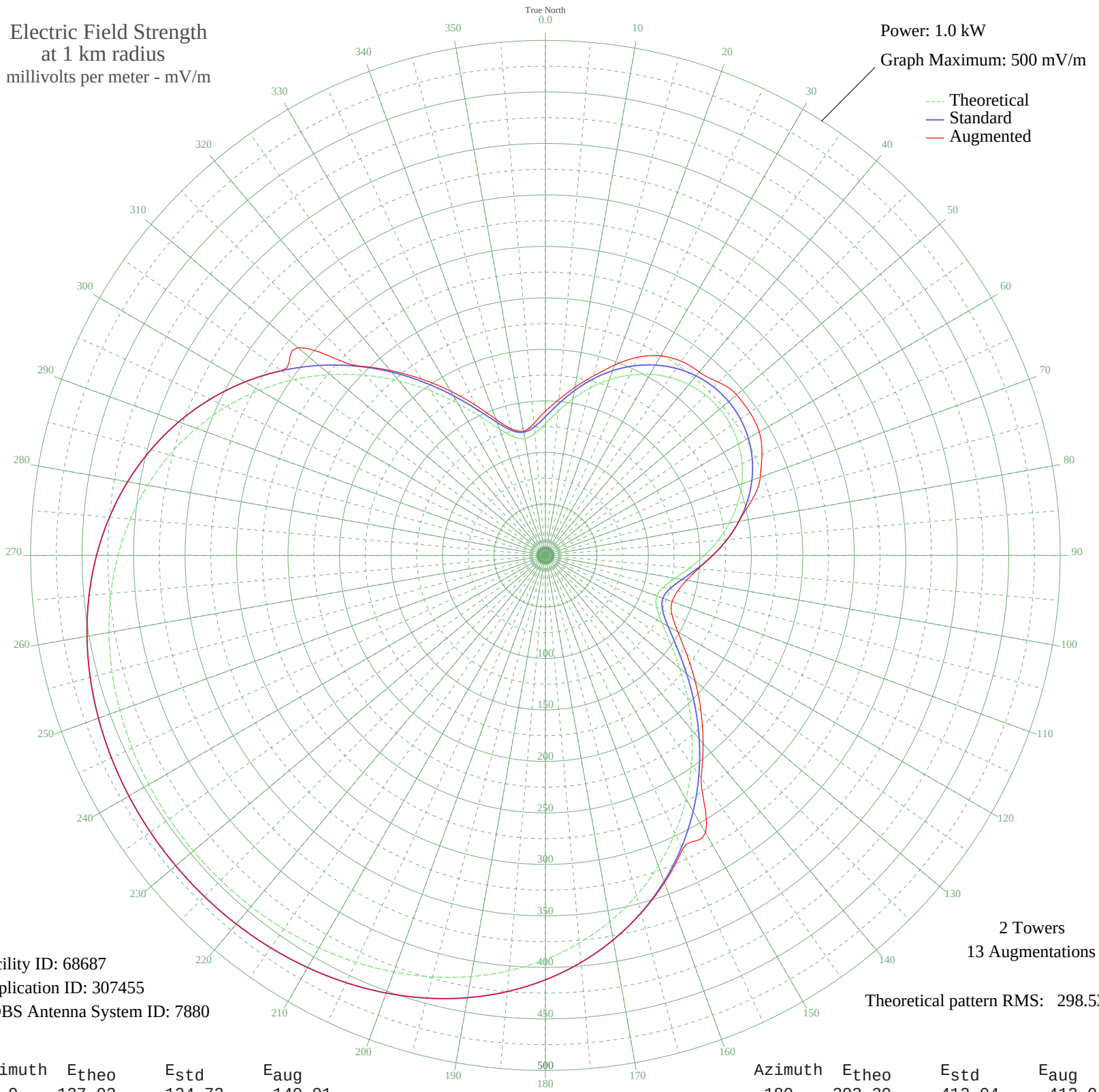
WKZV WASHINGTON, PA BL-- 1110 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
13 Augmentations

Facility ID: 68687
Application ID: 307455
CDBS Antenna System ID: 7880

Theoretical pattern RMS: 298.53

Azimuth	E_{theo}	E_{std}	E_{aug}
0	127.92	134.72	140.01
5	140.44	147.84	152.07
10	154.38	162.44	165.76
15	168.37	177.10	180.46
20	181.48	190.84	196.64
25	193.15	203.08	212.31
30	203.01	213.42	223.70
35	210.84	221.63	230.12
40	216.51	227.58	232.46
45	219.94	231.17	237.72
50	221.08	232.37	242.53
55	219.93	231.17	242.29
60	216.51	227.58	239.79
65	210.84	221.63	232.08
70	203.01	213.42	222.09
75	193.15	203.08	207.67
80	181.48	190.84	190.84
85	168.37	177.10	177.10
90	154.38	162.44	162.44
95	140.44	147.84	149.02
100	127.92	134.72	139.11
105	118.77	125.15	133.09
110	115.26	121.48	131.00
115	119.13	125.53	135.59
120	130.57	137.50	148.57
125	148.27	156.03	167.49
130	170.34	179.16	189.82
135	195.07	205.09	213.66
140	221.08	232.37	238.23
145	247.35	259.93	263.61
150	273.09	286.93	310.92
155	297.69	312.75	314.90
160	320.71	336.91	338.09
165	341.84	359.09	359.41
170	360.87	379.06	379.06
175	377.69	396.71	396.71

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	392.29	412.04	412.04
185	404.73	425.10	425.10
190	415.13	436.02	436.02
195	423.66	444.96	444.96
200	430.49	452.13	452.13
205	435.83	457.74	457.74
210	439.89	462.00	462.00
215	442.83	465.09	465.09
220	444.82	467.17	467.17
225	445.96	468.37	468.37
230	446.33	468.77	468.77
235	445.96	468.37	468.37
240	444.82	467.17	467.17
245	442.83	465.09	465.09
250	439.89	462.00	462.00
255	435.83	457.74	457.74
260	430.49	452.13	452.13
265	423.66	444.96	444.96
270	415.13	436.02	436.02
275	404.73	425.10	425.10
280	392.29	412.04	412.04
285	377.69	396.71	396.71
290	360.87	379.06	379.06
295	341.84	359.09	359.09
300	320.71	336.91	336.91
305	297.69	312.75	312.75
310	273.09	286.93	313.82
315	247.35	259.93	260.44
320	221.08	232.37	234.33
325	195.07	205.09	208.85
330	170.34	179.16	184.19
335	148.27	156.03	160.95
340	130.57	137.50	140.78
345	119.13	125.53	127.13
350	115.26	121.48	122.60
355	118.77	125.15	128.55