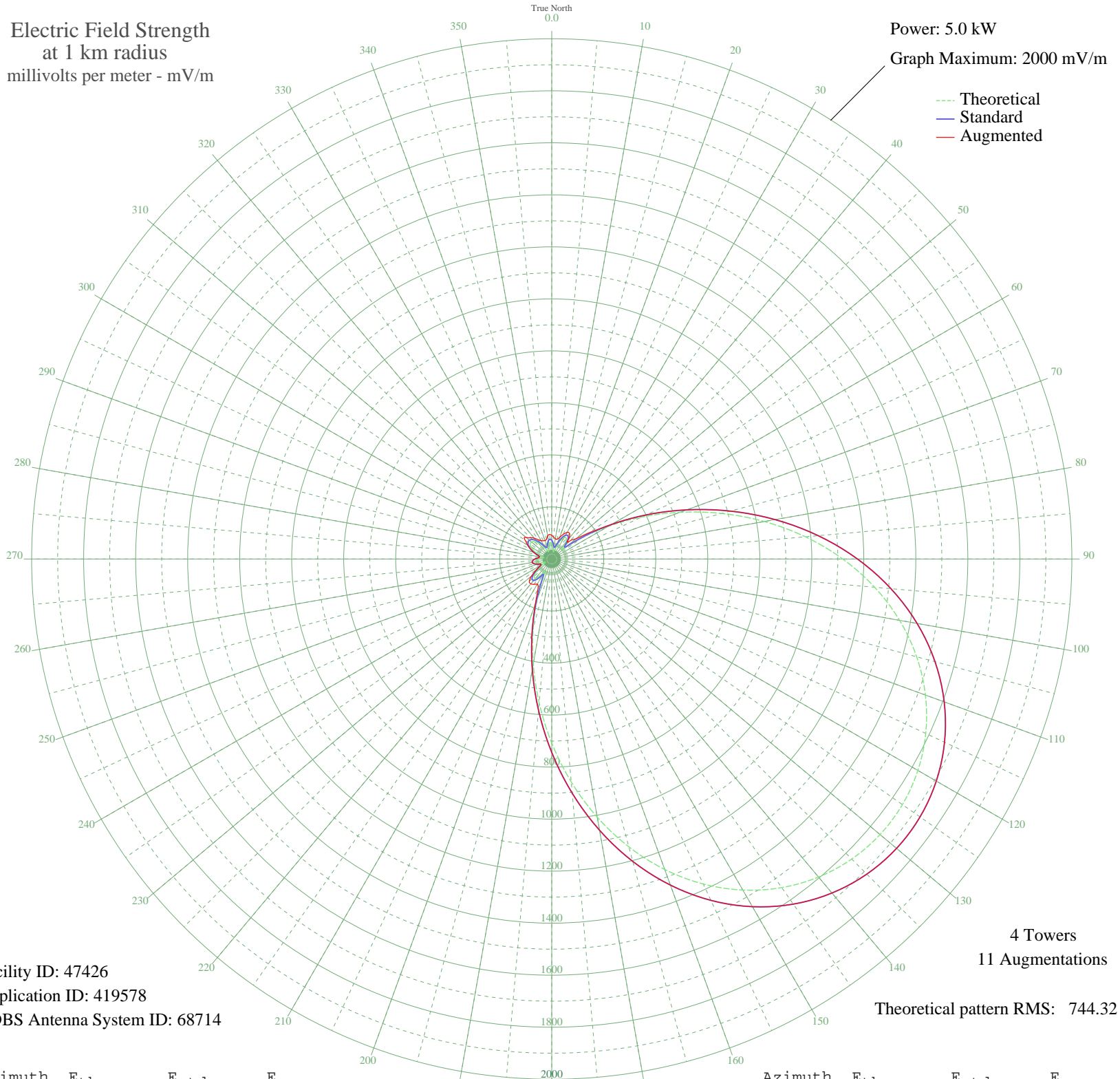


# WHWH PRINCETON, NJ BL-- 1350 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 47426  
Application ID: 419578  
CDBS Antenna System ID: 68714

4 Towers  
11 Augmentations  
Theoretical pattern RMS: 744.32

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	59.91	72.43	91.28
5	47.12	61.13	84.65
10	30.67	48.23	78.44
15	29.66	47.52	78.33
20	51.75	65.13	88.32
25	76.69	88.16	104.37
30	94.16	105.19	118.15
35	98.00	108.98	119.68
40	84.62	95.83	102.16
45	58.73	71.35	96.91
50	66.49	78.50	120.04
55	141.57	152.92	176.73
60	250.54	265.51	265.51
65	380.63	401.27	401.27
70	524.82	552.23	552.23
75	676.65	711.38	711.38
80	829.93	872.16	872.16
85	979.02	1028.60	1028.60
90	1119.12	1175.62	1175.62
95	1246.44	1309.26	1309.26
100	1358.27	1426.63	1426.63
105	1452.83	1525.89	1525.89
110	1529.15	1606.01	1606.01
115	1586.83	1666.56	1666.56
120	1625.82	1707.49	1707.49
125	1646.19	1728.87	1728.87
130	1648.04	1730.81	1730.81
135	1631.38	1713.32	1713.32
140	1596.13	1676.32	1676.32
145	1542.19	1619.69	1619.69
150	1469.57	1543.47	1543.47
155	1378.60	1447.98	1447.98
160	1270.12	1334.11	1334.11
165	1145.71	1203.53	1203.53
170	1007.90	1058.90	1058.90
175	860.25	903.98	903.98

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	707.38	743.61	743.61
185	554.78	583.62	583.62
190	408.55	430.48	430.48
195	275.12	291.10	292.00
200	161.26	173.09	184.69
205	77.43	88.88	125.01
210	54.79	67.81	111.59
215	79.95	91.30	118.99
220	96.74	107.74	124.78
225	96.18	107.18	121.97
230	81.01	92.33	100.72
235	56.95	69.75	70.62
240	32.96	49.87	49.87
245	28.26	46.58	46.58
250	43.82	58.36	58.36
255	57.97	70.66	70.66
260	64.11	76.29	76.29
265	61.27	73.67	73.67
270	50.83	64.32	64.32
275	36.77	52.72	52.72
280	29.41	47.35	47.35
285	40.04	55.29	55.29
290	59.43	72.00	72.00
295	78.30	89.71	89.75
300	92.75	103.79	107.45
305	100.81	111.78	124.21
310	101.56	112.52	129.48
315	94.92	105.93	115.78
320	81.63	92.92	104.10
325	63.42	75.65	90.32
330	43.64	58.21	81.37
335	30.13	47.85	77.25
340	34.25	50.81	75.28
345	48.11	61.97	78.44
350	59.71	72.25	89.94
355	64.24	76.41	95.00