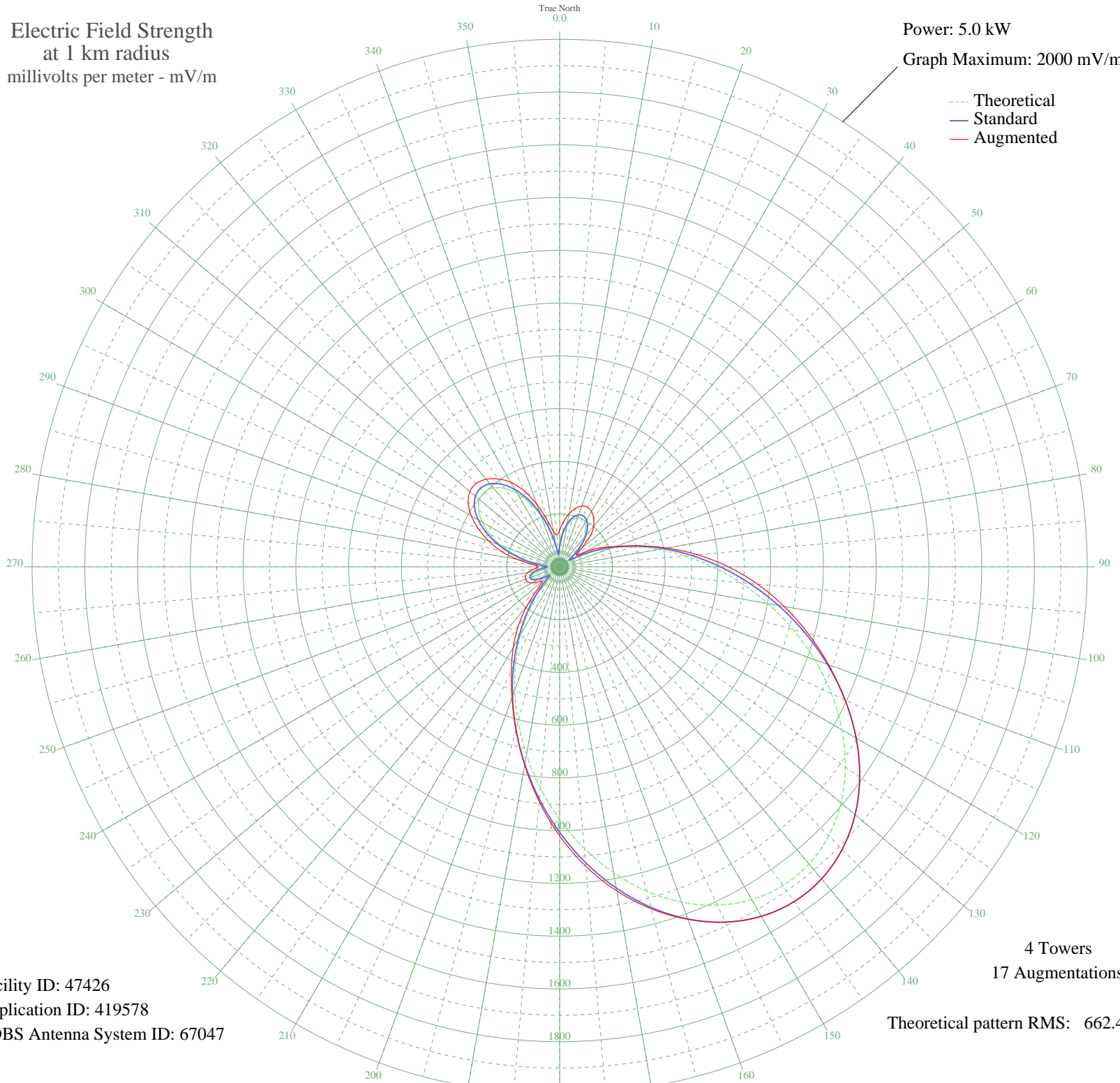


# WHWH PRINCETON, NJ BL-- 1350 kHz

Daytime

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: 67047

4 Towers  
17 Augmentations

Theoretical pattern RMS: 662.41

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	72.39	79.56	138.95
5	118.11	126.22	172.67
10	156.16	165.64	204.39
15	183.18	193.77	229.26
20	198.21	209.44	245.41
25	201.21	212.57	249.45
30	192.71	203.71	241.80
35	173.58	183.76	224.96
40	144.90	153.94	201.17
45	108.07	115.88	161.26
50	65.91	73.08	105.52
55	35.88	44.39	76.44
60	70.30	77.46	114.53
65	133.96	142.60	171.63
70	207.91	219.57	224.86
75	289.95	305.35	306.79
80	379.57	399.24	411.58
85	476.41	500.79	525.05
90	579.87	609.31	639.94
95	688.84	723.66	753.17
100	801.65	842.06	864.48
105	915.99	962.07	974.92
110	1028.87	1080.56	1085.19
115	1136.79	1193.86	1194.23
120	1235.92	1297.93	1297.93
125	1322.31	1388.62	1388.62
130	1392.24	1462.04	1462.04
135	1442.51	1514.82	1514.82
140	1470.74	1544.45	1544.45
145	1475.55	1549.50	1549.50
150	1456.71	1529.73	1529.73
155	1415.14	1486.08	1486.08
160	1352.78	1420.61	1422.27
165	1272.41	1336.23	1342.23
170	1177.39	1236.49	1247.53
175	1071.41	1125.22	1139.42

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	958.16	1006.34	1019.88
185	841.16	883.53	892.58
190	723.59	760.13	763.22
195	608.19	639.03	639.03
200	497.23	522.62	527.56
205	392.60	412.90	432.82
210	295.83	311.50	351.04
215	208.32	219.99	273.12
220	131.73	140.30	191.13
225	69.84	77.00	116.81
230	40.53	48.60	86.10
235	60.96	68.18	99.53
240	88.08	95.42	120.70
245	105.84	113.59	133.62
250	111.54	119.45	136.79
255	104.72	112.43	134.10
260	86.07	93.37	122.31
265	58.63	65.89	98.42
270	38.16	46.44	81.27
275	63.90	71.09	102.63
280	116.20	124.25	162.36
285	175.42	185.68	229.19
290	235.12	247.99	285.83
295	290.79	306.23	338.81
300	338.42	356.12	386.39
305	374.51	393.93	422.88
310	396.27	416.74	444.19
315	401.88	422.63	447.19
320	390.66	410.87	433.27
325	363.13	382.01	406.60
330	321.00	337.87	369.74
335	267.01	281.35	317.36
340	204.79	216.31	250.95
345	138.76	147.58	183.47
350	75.41	82.59	136.62
355	39.27	47.45	121.55