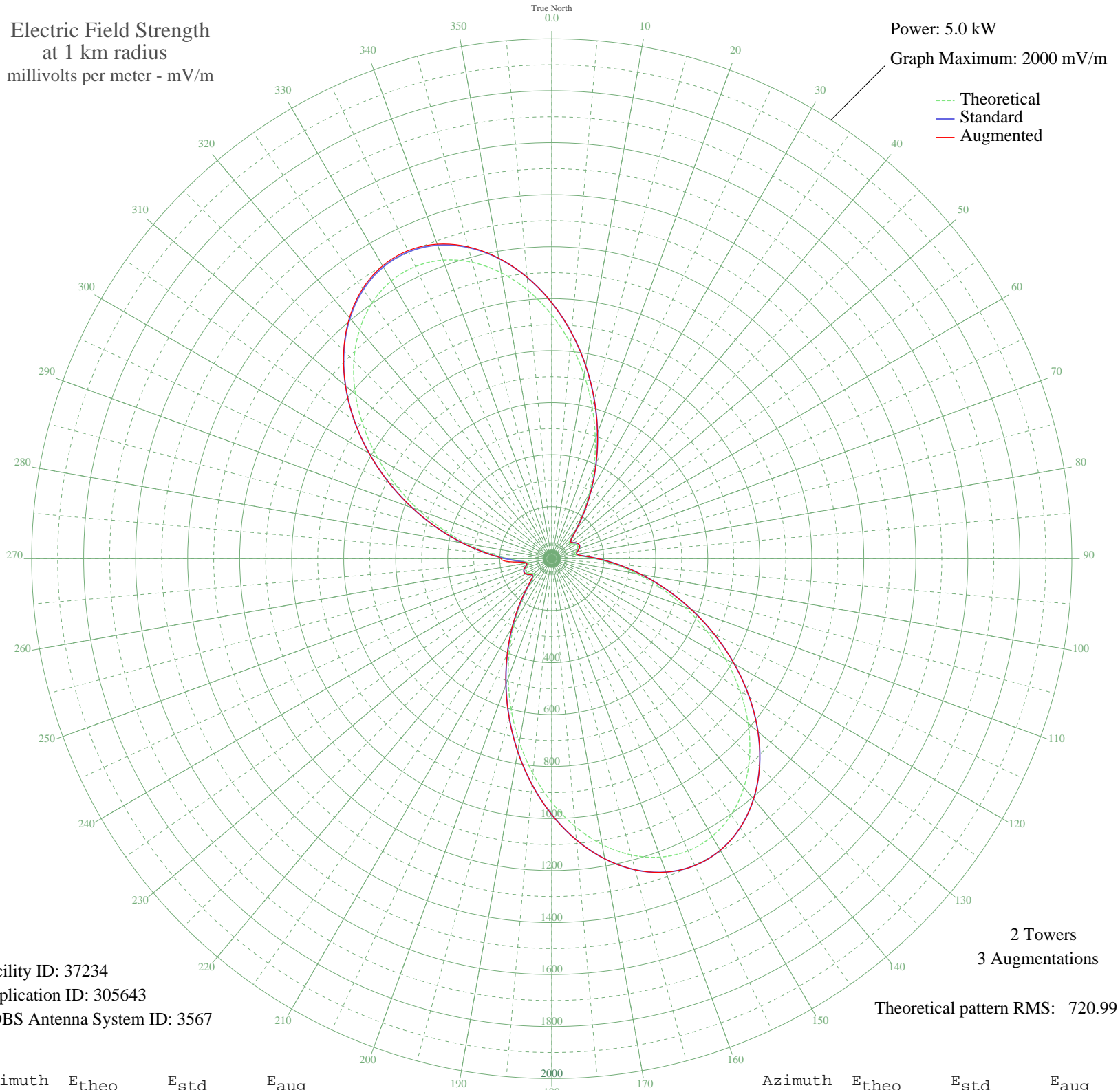


# WHJJ PROVIDENCE, RI BL-- 920 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 37234  
Application ID: 305643  
CDBS Antenna System ID: 3567

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 720.99

Azimuth	Etheo	Estd	Eaug
0	937.56	984.72	984.72
5	830.22	872.04	872.04
10	716.87	753.07	753.07
15	601.90	632.43	632.43
20	489.46	514.47	514.47
25	383.30	403.15	403.15
30	286.91	302.17	302.17
35	203.87	215.35	215.35
40	138.87	147.69	147.69
45	99.32	106.89	106.89
50	90.09	97.46	97.46
55	98.80	106.37	106.37
60	108.23	116.04	116.04
65	110.49	118.37	118.37
70	104.32	112.02	112.02
75	93.67	101.11	101.11
80	91.06	98.46	98.46
85	114.57	122.57	122.57
90	167.43	177.36	177.36
95	241.82	254.99	254.99
100	331.74	349.12	349.12
105	433.25	455.51	455.51
110	542.87	570.50	570.50
115	657.02	690.27	690.27
120	771.74	810.67	810.67
125	882.77	927.20	927.20
130	985.64	1035.19	1035.19
135	1075.95	1129.99	1129.99
140	1149.59	1207.30	1207.30
145	1203.09	1263.46	1263.46
150	1233.81	1295.72	1295.72
155	1240.24	1302.46	1302.46
160	1222.03	1283.35	1283.35
165	1180.11	1239.34	1239.34
170	1116.56	1172.62	1172.62
175	1034.44	1086.41	1086.41

Azimuth	Etheo	Estd	Eaug
180	937.56	984.72	984.72
185	830.21	872.04	872.12
190	716.86	753.07	753.42
195	601.90	632.43	633.24
200	489.46	514.47	515.89
205	383.30	403.15	405.27
210	286.91	302.17	304.95
215	203.87	215.35	218.55
220	138.87	147.69	150.77
225	99.32	106.89	108.91
230	90.09	97.46	97.93
235	98.80	106.37	106.37
240	108.23	116.04	116.04
245	110.49	118.37	118.37
250	104.32	112.02	112.02
255	93.67	101.11	101.11
260	91.07	98.46	98.46
265	114.57	122.57	146.30
270	167.43	177.36	194.52
275	241.82	254.99	254.99
280	331.74	349.12	349.12
285	433.25	455.51	455.51
290	542.87	570.50	570.50
295	657.02	690.27	690.27
300	771.74	810.67	810.67
305	882.77	927.20	927.20
310	985.64	1035.19	1035.42
315	1075.95	1129.99	1131.40
320	1149.59	1207.30	1210.32
325	1203.09	1263.46	1267.90
330	1233.81	1295.72	1300.92
335	1240.24	1302.46	1307.54
340	1222.03	1283.35	1287.45
345	1180.11	1239.34	1241.94
350	1116.56	1172.62	1173.68
355	1034.44	1086.41	1086.51

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