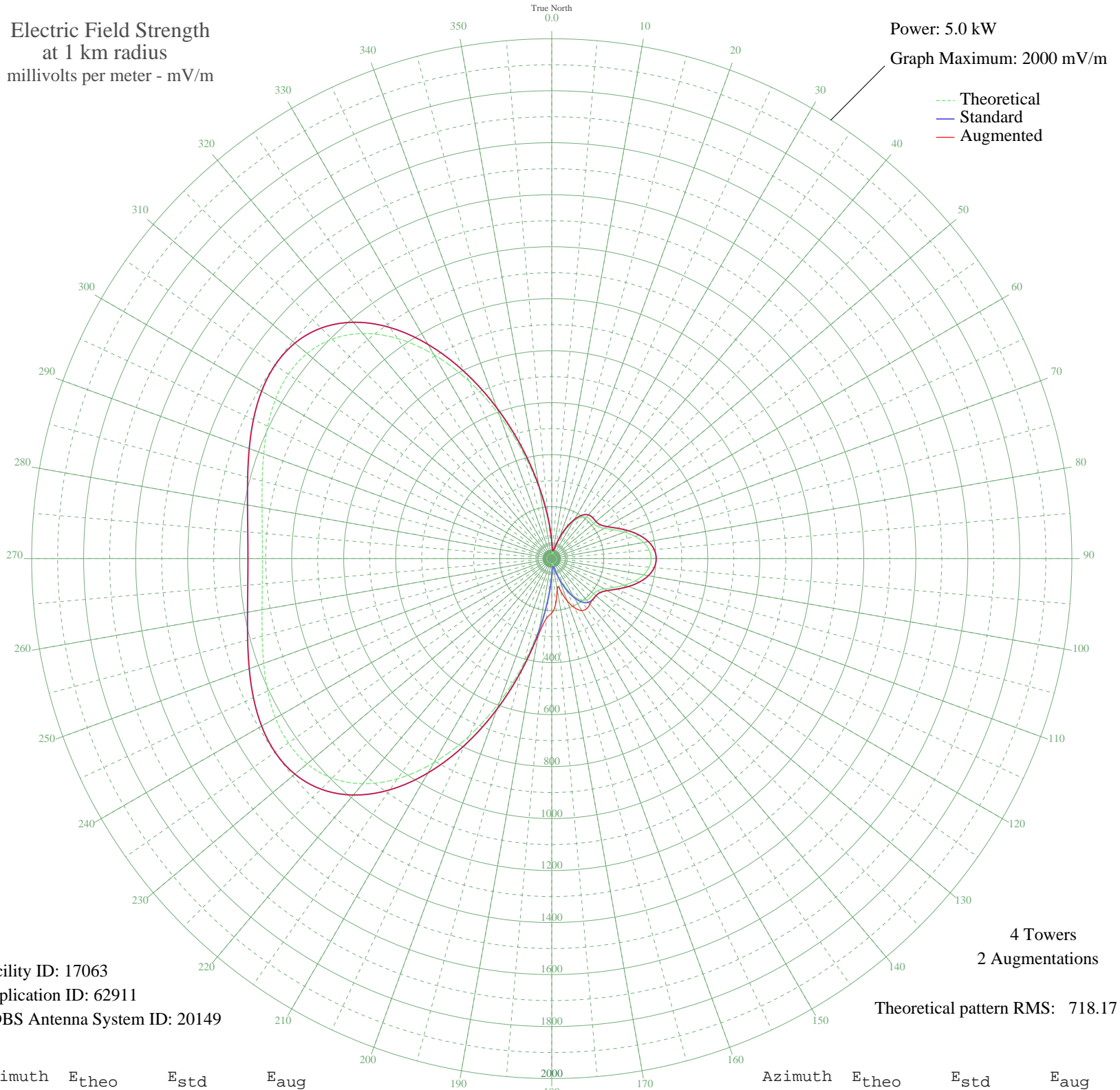


KUIK HILLSBORO, OR BL-19831109AA 1360 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

4 Towers
2 Augmentations

Theoretical pattern RMS: 718.17

Facility ID: 17063
Application ID: 62911
CDBS Antenna System ID: 20149

Azimuth	E _{theo}	E _{std}	E _{aug}
0	59.95	67.18	67.18
5	21.15	32.31	32.31
10	17.65	29.91	29.91
15	34.07	42.79	42.79
20	74.03	81.20	81.20
25	121.21	129.42	129.42
30	163.38	173.15	173.15
35	193.03	204.04	204.04
40	207.84	219.49	219.49
45	210.92	222.71	222.71
50	210.16	221.91	221.91
55	215.48	227.47	227.47
60	233.38	246.17	246.17
65	262.88	277.02	277.02
70	297.81	313.58	313.58
75	331.44	348.80	348.80
80	358.65	377.31	377.31
85	376.15	395.65	395.65
90	382.17	401.96	401.96
95	376.15	395.65	395.65
100	358.65	377.31	377.31
105	331.44	348.80	348.80
110	297.81	313.58	313.58
115	262.88	277.02	277.02
120	233.38	246.17	246.17
125	215.48	227.47	227.47
130	210.16	221.91	221.91
135	210.92	222.71	222.71
140	207.84	219.49	228.33
145	193.03	204.04	234.82
150	163.38	173.15	230.31
155	121.21	129.42	209.21
160	74.03	81.20	172.21
165	34.07	42.79	123.86
170	17.65	29.91	121.10
175	21.15	32.31	174.60

Azimuth	E _{theo}	E _{std}	E _{aug}
180	59.95	67.18	209.21
185	144.68	153.71	230.37
190	268.18	282.57	299.43
195	420.23	441.87	441.87
200	587.10	616.91	616.91
205	753.71	791.74	791.74
210	906.14	951.73	951.73
215	1033.74	1085.68	1085.68
220	1130.33	1187.08	1187.08
225	1194.30	1254.23	1254.23
230	1228.00	1289.61	1289.61
235	1236.57	1298.61	1298.61
240	1226.65	1288.20	1288.20
245	1205.22	1265.70	1265.70
250	1178.75	1237.91	1237.91
255	1152.67	1210.53	1210.53
260	1131.17	1187.96	1187.96
265	1117.15	1173.24	1173.24
270	1112.29	1168.14	1168.14
275	1117.15	1173.24	1173.24
280	1131.17	1187.96	1187.96
285	1152.67	1210.53	1210.53
290	1178.75	1237.91	1237.91
295	1205.22	1265.70	1265.70
300	1226.65	1288.20	1288.20
305	1236.57	1298.61	1298.61
310	1228.00	1289.61	1289.61
315	1194.30	1254.23	1254.23
320	1130.33	1187.08	1187.08
325	1033.74	1085.68	1085.68
330	906.13	951.73	951.73
335	753.71	791.74	791.74
340	587.10	616.90	616.90
345	420.23	441.86	441.86
350	268.18	282.56	282.56
355	144.68	153.71	153.71

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission