

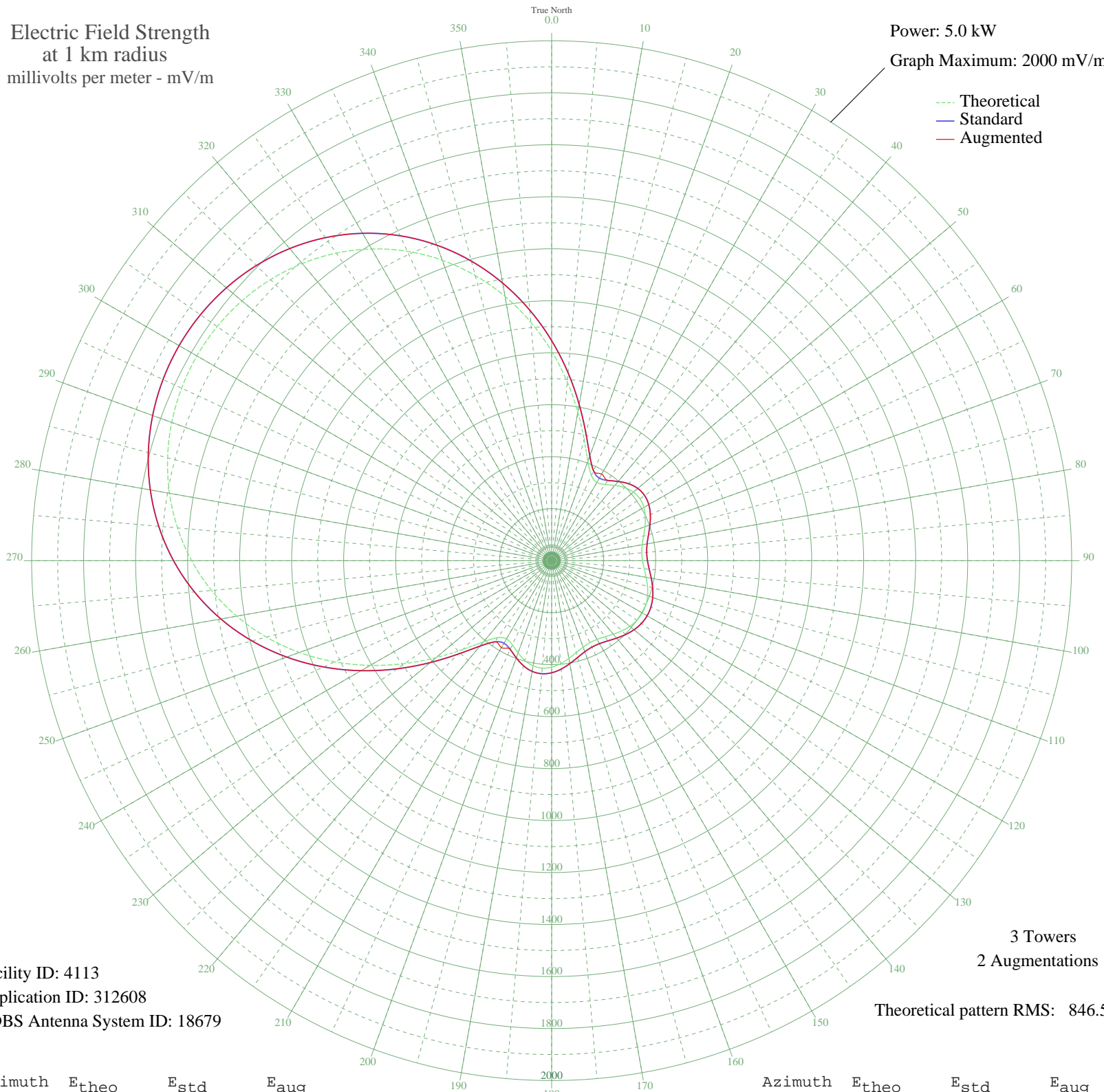
KKPZ PORTLAND, OR BL-- 1330 kHz

Unlimited Time

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 4113
Application ID: 312608
CDBS Antenna System ID: 18679

3 Towers
2 Augmentations

Theoretical pattern RMS: 846.51

Azimuth	E _{theo}	E _{std}	E _{aug}
0	805.62	846.51	846.51
5	690.10	725.31	725.31
10	580.12	609.97	609.97
15	483.00	508.15	508.15
20	407.53	429.09	429.09
25	361.84	381.27	381.27
30	347.84	366.62	384.63
35	357.45	376.67	376.67
40	377.61	397.77	397.77
45	397.47	418.56	418.56
50	410.67	432.38	432.38
55	414.69	436.59	436.59
60	409.69	431.35	431.35
65	397.66	418.76	418.76
70	381.81	402.17	402.17
75	365.97	385.59	385.59
80	353.85	372.91	372.91
85	348.12	366.92	366.92
90	349.69	368.55	368.55
95	357.49	376.72	376.72
100	369.13	388.89	388.89
105	381.72	402.07	402.07
110	392.67	413.54	413.54
115	400.04	421.25	421.25
120	402.62	423.95	423.95
125	400.04	421.25	421.25
130	392.67	413.54	413.54
135	381.72	402.07	402.07
140	369.13	388.89	388.89
145	357.49	376.72	376.72
150	349.69	368.55	368.55
155	348.12	366.92	366.92
160	353.85	372.91	372.91
165	365.97	385.59	385.59
170	381.81	402.17	402.17
175	397.66	418.76	418.76

Azimuth	E _{theo}	E _{std}	E _{aug}
180	409.69	431.35	431.35
185	414.69	436.59	436.59
190	410.67	432.38	432.38
195	397.47	418.56	418.56
200	377.61	397.78	397.78
205	357.45	376.67	376.67
210	347.84	366.62	386.24
215	361.84	381.27	381.27
220	407.53	429.09	429.09
225	483.00	508.15	508.15
230	580.12	609.97	609.97
235	690.10	725.31	725.31
240	805.62	846.51	846.51
245	921.07	967.65	967.65
250	1032.18	1084.26	1084.26
255	1135.87	1193.09	1193.09
260	1229.97	1291.86	1291.86
265	1313.13	1379.16	1379.16
270	1384.67	1454.26	1454.26
275	1444.39	1516.94	1516.94
280	1492.44	1567.39	1567.39
285	1529.17	1605.95	1605.95
290	1555.01	1633.07	1633.07
295	1570.34	1649.16	1649.16
300	1575.42	1654.49	1654.49
305	1570.34	1649.16	1649.16
310	1555.01	1633.07	1633.07
315	1529.17	1605.95	1605.95
320	1492.44	1567.39	1567.39
325	1444.39	1516.94	1516.94
330	1384.67	1454.26	1454.26
335	1313.13	1379.16	1379.16
340	1229.97	1291.86	1291.86
345	1135.87	1193.09	1193.09
350	1032.18	1084.26	1084.26
355	921.07	967.65	967.65

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission