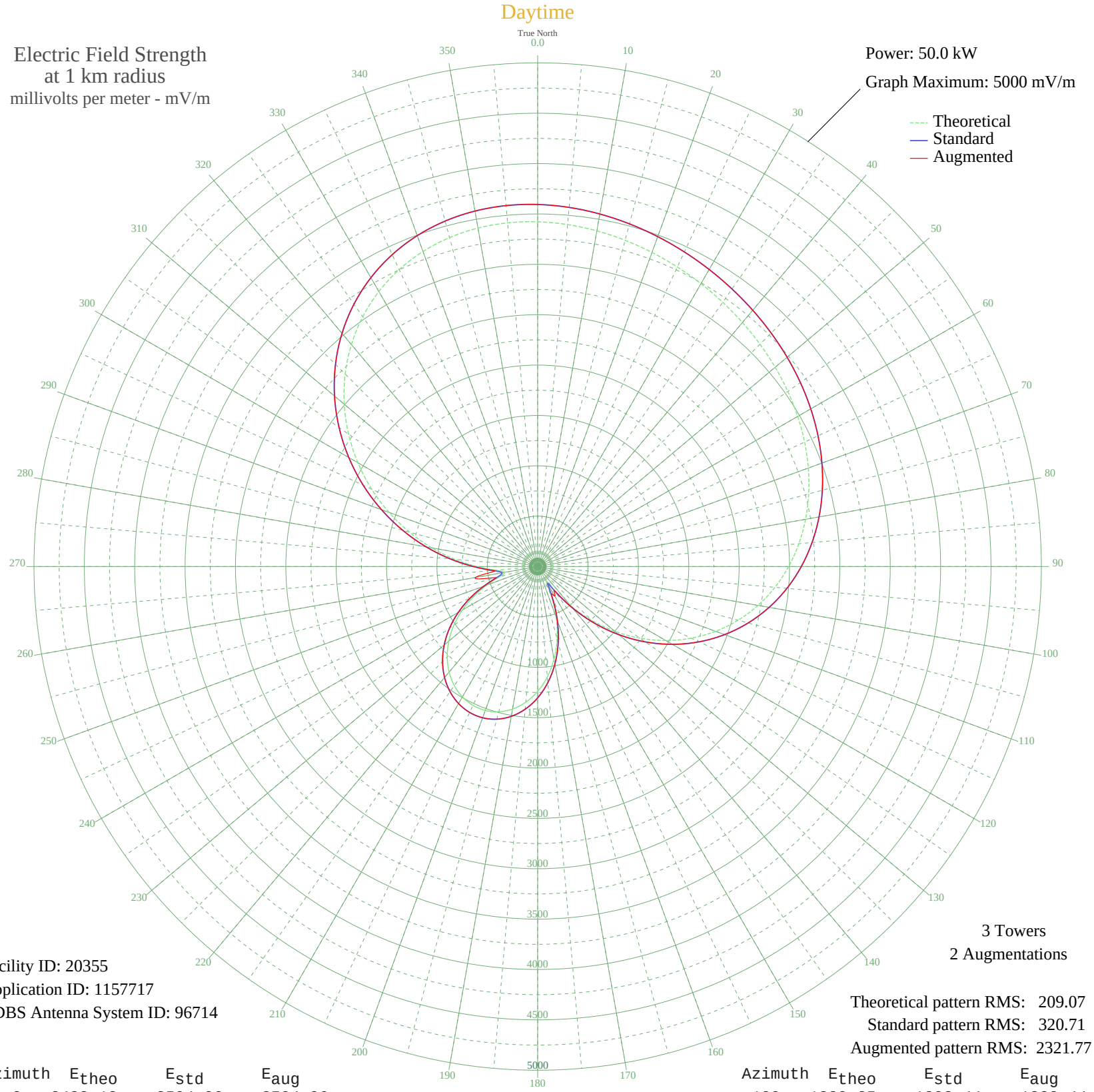
KKOL SEATTLE, WA BL-20061018ADU 1300 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
2 Augmentations

Facility ID: 20355
Application ID: 1157717
CDBS Antenna System ID: 96714

Theoretical pattern RMS: 209.07
Standard pattern RMS: 320.71
Augmented pattern RMS: 2321.77

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3422.18	3594.06	3594.06
5	3407.52	3578.67	3578.67
10	3383.58	3553.54	3553.54
15	3353.05	3521.48	3521.48
20	3318.20	3484.90	3484.90
25	3280.78	3445.62	3445.62
30	3242.01	3404.92	3404.92
35	3202.48	3363.42	3363.42
40	3162.27	3321.21	3321.21
45	3120.94	3277.83	3277.83
50	3077.66	3232.39	3232.39
55	3031.26	3183.69	3183.69
60	2980.37	3130.27	3130.27
65	2923.45	3070.52	3070.52
70	2858.88	3002.75	3002.75
75	2785.04	2925.23	2925.23
80	2700.25	2836.24	2836.24
85	2602.91	2734.07	2734.07
90	2491.46	2617.09	2617.09
95	2364.46	2483.79	2483.79
100	2220.69	2332.91	2332.91
105	2059.28	2163.51	2163.51
110	1879.83	1975.21	1975.21
115	1682.60	1768.29	1768.29
120	1468.63	1543.85	1543.85
125	1239.90	1304.01	1304.01
130	999.45	1052.04	1052.04
135	751.68	792.75	792.75
140	503.64	534.01	534.01
145	273.53	296.64	299.89
150	170.50	193.81	338.74
155	327.48	351.78	351.78
160	539.69	571.52	571.52
165	745.70	786.50	786.50
170	933.93	983.43	983.43
175	1099.44	1156.80	1156.80

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1239.35	1303.44	1303.44
185	1351.94	1421.48	1421.48
190	1436.30	1509.94	1509.94
195	1492.20	1568.57	1568.57
200	1519.93	1597.65	1597.65
205	1520.19	1597.92	1597.92
210	1493.97	1570.43	1570.43
215	1442.51	1516.45	1516.45
220	1367.20	1437.48	1437.48
225	1269.61	1335.15	1335.15
230	1151.51	1211.36	1211.36
235	1015.05	1068.38	1068.38
240	863.07	909.26	909.26
245	700.14	738.88	738.88
250	535.47	567.12	567.12
255	393.02	419.30	427.22
260	335.05	359.55	629.79
265	420.88	448.12	448.12
270	602.95	637.44	637.44
275	826.03	870.50	870.50
280	1067.50	1123.33	1123.33
285	1317.34	1385.20	1385.20
290	1569.38	1649.52	1649.52
295	1818.64	1911.02	1911.02
300	2060.64	2164.95	2164.95
305	2291.14	2406.84	2406.84
310	2506.21	2632.57	2632.57
315	2702.36	2838.45	2838.45
320	2876.73	3021.48	3021.48
325	3027.24	3179.47	3179.47
330	3152.68	3311.14	3311.14
335	3252.78	3416.22	3416.22
340	3328.20	3495.40	3495.40
345	3380.44	3550.24	3550.24
350	3411.68	3583.03	3583.03
355	3424.59	3596.59	3596.59