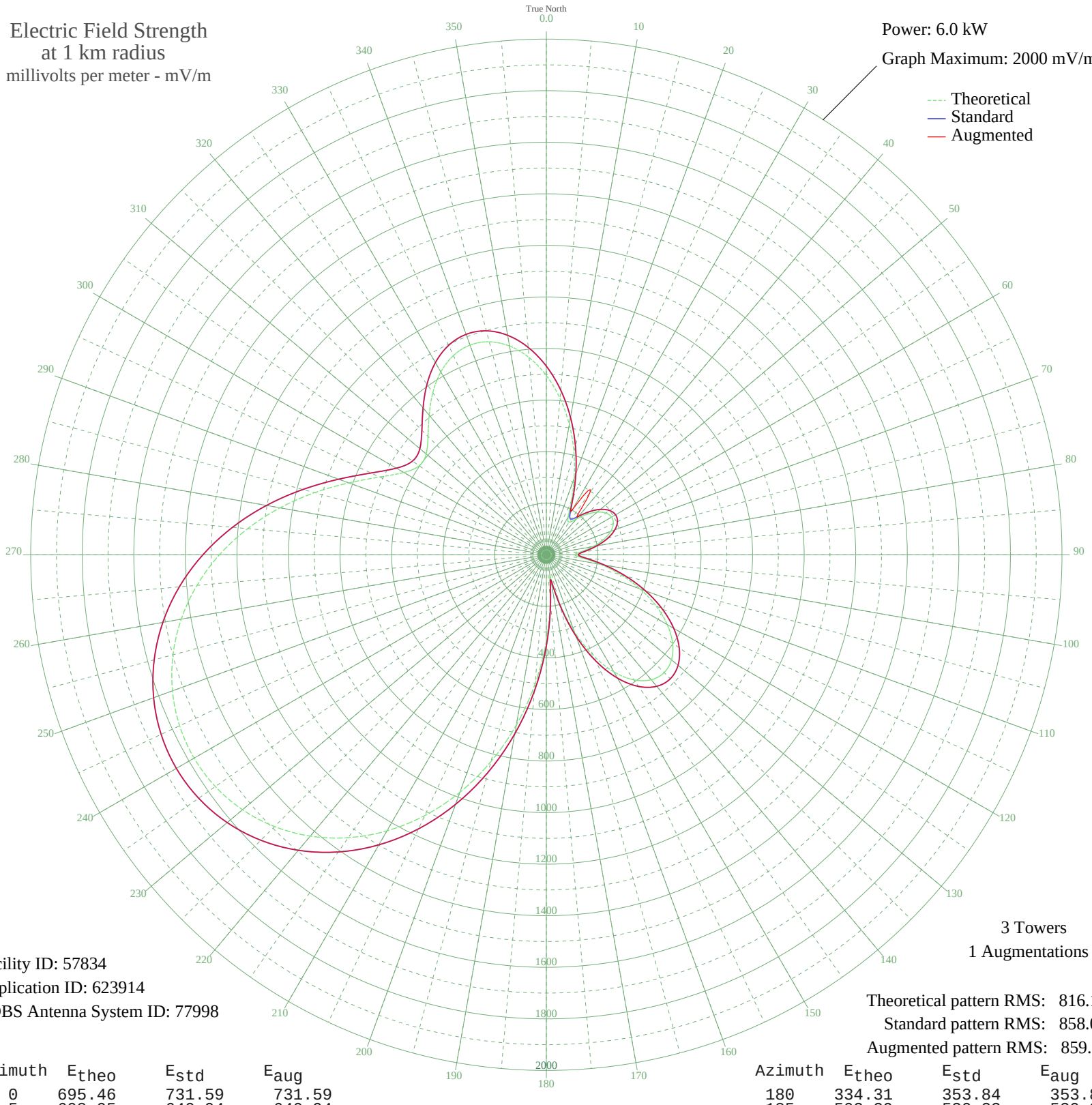
KKNW SEATTLE, WA BL-20030109AFU 1150 kHz

Nighttime



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

Power: 6.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
1 Augmentations

Facility ID: 57834
Application ID: 623914
CDBS Antenna System ID: 77998

Theoretical pattern RMS: 816.11
Standard pattern RMS: 858.08
Augmented pattern RMS: 859.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	695.46	731.59	731.59
5	608.95	640.94	640.94
10	513.04	540.53	540.53
15	413.14	436.08	436.08
20	315.64	334.40	334.40
25	229.34	244.89	244.89
30	169.15	183.11	199.36
35	154.53	168.26	295.27
40	181.05	195.25	195.25
45	221.24	236.53	236.53
50	257.37	273.89	273.89
55	282.06	299.49	299.49
60	292.23	310.06	310.06
65	286.77	304.39	304.39
70	265.79	282.61	282.61
75	230.56	246.15	246.15
80	184.33	198.61	198.61
85	135.66	149.25	149.25
90	109.82	123.62	123.62
95	141.33	154.94	154.94
100	213.44	228.49	228.49
105	299.48	317.59	317.59
110	387.35	409.15	409.15
115	469.98	495.49	495.49
120	541.77	570.60	570.60
125	597.78	629.25	629.25
130	633.76	666.94	666.94
135	646.26	680.04	680.04
140	632.84	665.97	665.97
145	592.25	623.45	623.45
150	524.59	552.62	552.62
155	431.43	455.18	455.18
160	316.09	334.87	334.87
165	185.82	200.13	200.13
170	82.65	97.55	97.55
175	173.26	187.30	187.30

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.

12 Oct 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	334.31	353.84	353.84
185	503.29	530.33	530.33
190	670.49	705.42	705.42
195	830.76	873.43	873.43
200	980.30	1030.27	1030.27
205	1116.22	1172.88	1172.88
210	1236.42	1299.01	1299.01
215	1339.45	1407.12	1407.12
220	1424.38	1496.27	1496.27
225	1490.75	1565.92	1565.92
230	1538.37	1615.90	1615.90
235	1567.26	1646.22	1646.22
240	1577.53	1657.01	1657.01
245	1569.40	1648.47	1648.47
250	1543.12	1620.89	1620.89
255	1499.07	1574.65	1574.65
260	1437.82	1510.37	1510.37
265	1360.29	1428.99	1428.99
270	1267.90	1332.04	1332.04
275	1162.91	1221.87	1221.87
280	1048.71	1102.05	1102.05
285	930.34	977.87	977.87
290	815.14	857.05	857.05
295	713.42	750.41	750.41
300	638.24	671.63	671.63
305	601.91	633.57	633.57
310	608.40	640.37	640.37
315	648.86	682.76	682.76
320	707.08	743.77	743.77
325	767.48	807.08	807.08
330	818.51	860.59	860.59
335	852.62	896.36	896.36
340	865.49	909.86	909.86
345	855.27	899.14	899.14
350	822.14	864.40	864.40
355	767.86	807.48	807.48