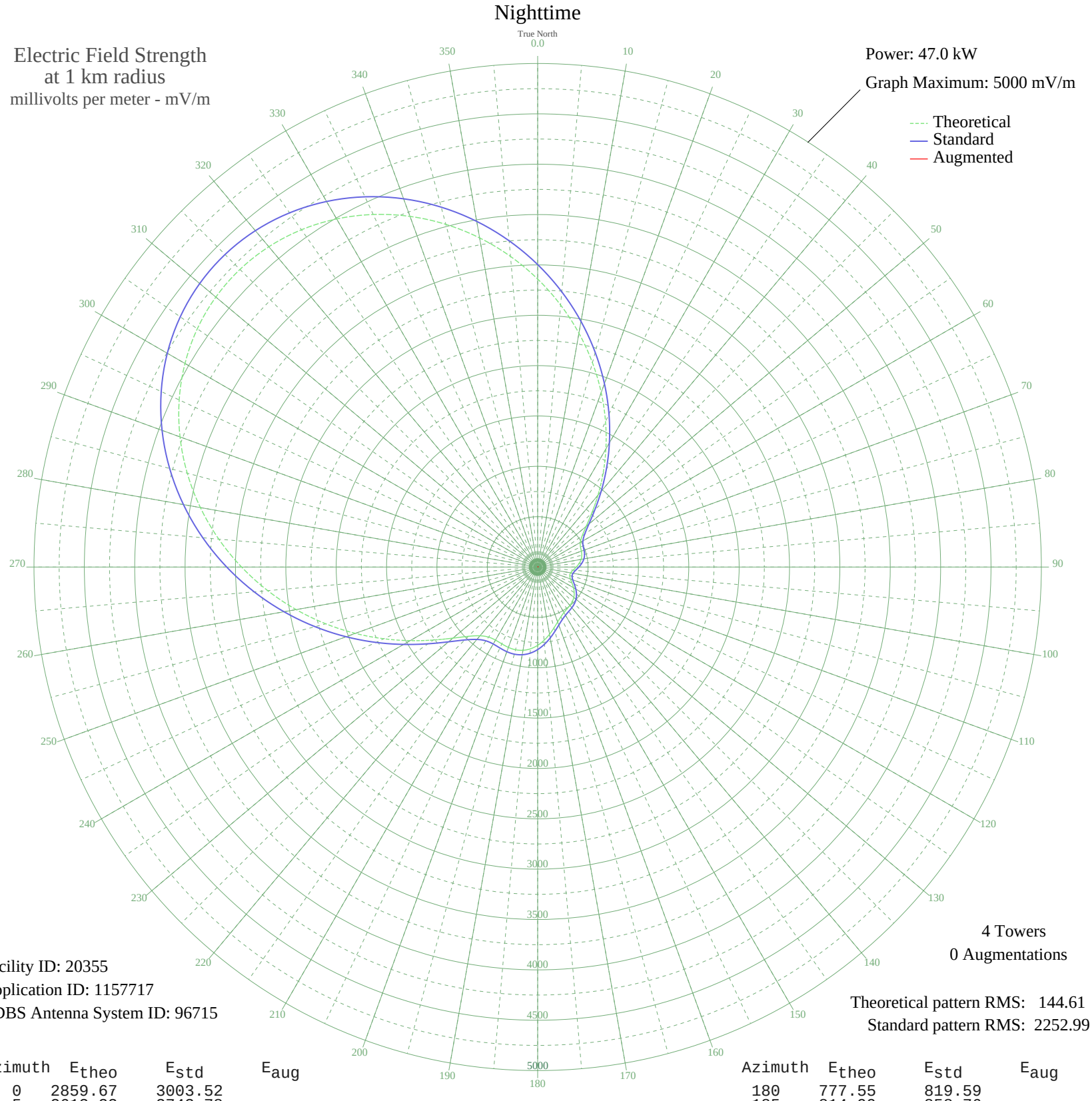
KKOL SEATTLE, WA BL-20061018ADU 1300 kHz

Nighttime

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



Power: 47.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 20355
Application ID: 1157717
CDBS Antenna System ID: 96715

Theoretical pattern RMS: 144.61
Standard pattern RMS: 2252.99

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2859.67	3003.52	
5	2612.22	2743.78	
10	2357.83	2476.77	
15	2100.45	2206.65	
20	1844.28	1937.83	
25	1593.86	1675.10	
30	1354.24	1423.77	
35	1131.09	1189.82	
40	930.87	980.06	
45	760.83	802.11	
50	628.36	663.70	
55	538.48	569.97	
60	489.13	518.61	
65	468.82	497.49	
70	461.45	489.84	
75	453.73	481.83	
80	438.35	465.86	
85	413.70	440.31	
90	382.87	408.40	
95	352.70	377.26	
100	332.33	356.29	
105	329.55	353.44	
110	345.93	370.29	
115	375.80	401.10	
120	410.51	437.00	
125	442.76	470.43	
130	468.23	496.88	
135	485.84	515.18	
140	497.49	527.30	
145	507.53	537.75	
150	521.66	552.45	
155	545.00	576.76	
160	580.05	613.30	
165	625.67	660.89	
170	677.63	715.15	
175	730.18	770.06	

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	777.55	819.59	
185	814.99	858.76	
190	839.46	884.37	
195	850.16	895.56	
200	849.11	894.47	
205	841.79	886.81	
210	837.60	882.42	
215	849.41	894.78	
220	891.09	938.41	
225	972.95	1024.13	
230	1098.25	1155.40	
235	1263.54	1328.67	
240	1461.80	1536.58	
245	1685.12	1770.84	
250	1926.00	2023.58	
255	2177.72	2287.74	
260	2434.17	2556.90	
265	2689.76	2825.17	
270	2939.20	3087.00	
275	3177.46	3337.11	
280	3399.71	3570.42	
285	3601.36	3782.11	
290	3778.17	3967.73	
295	3926.33	4123.27	
300	4042.61	4245.35	
305	4124.52	4331.35	
310	4170.38	4379.49	
315	4179.41	4388.98	
320	4151.76	4359.94	
325	4088.41	4293.43	
330	3991.17	4191.35	
335	3862.47	4056.23	
340	3705.26	3891.19	
345	3522.83	3699.67	
350	3318.66	3485.34	
355	3096.39	3252.01	