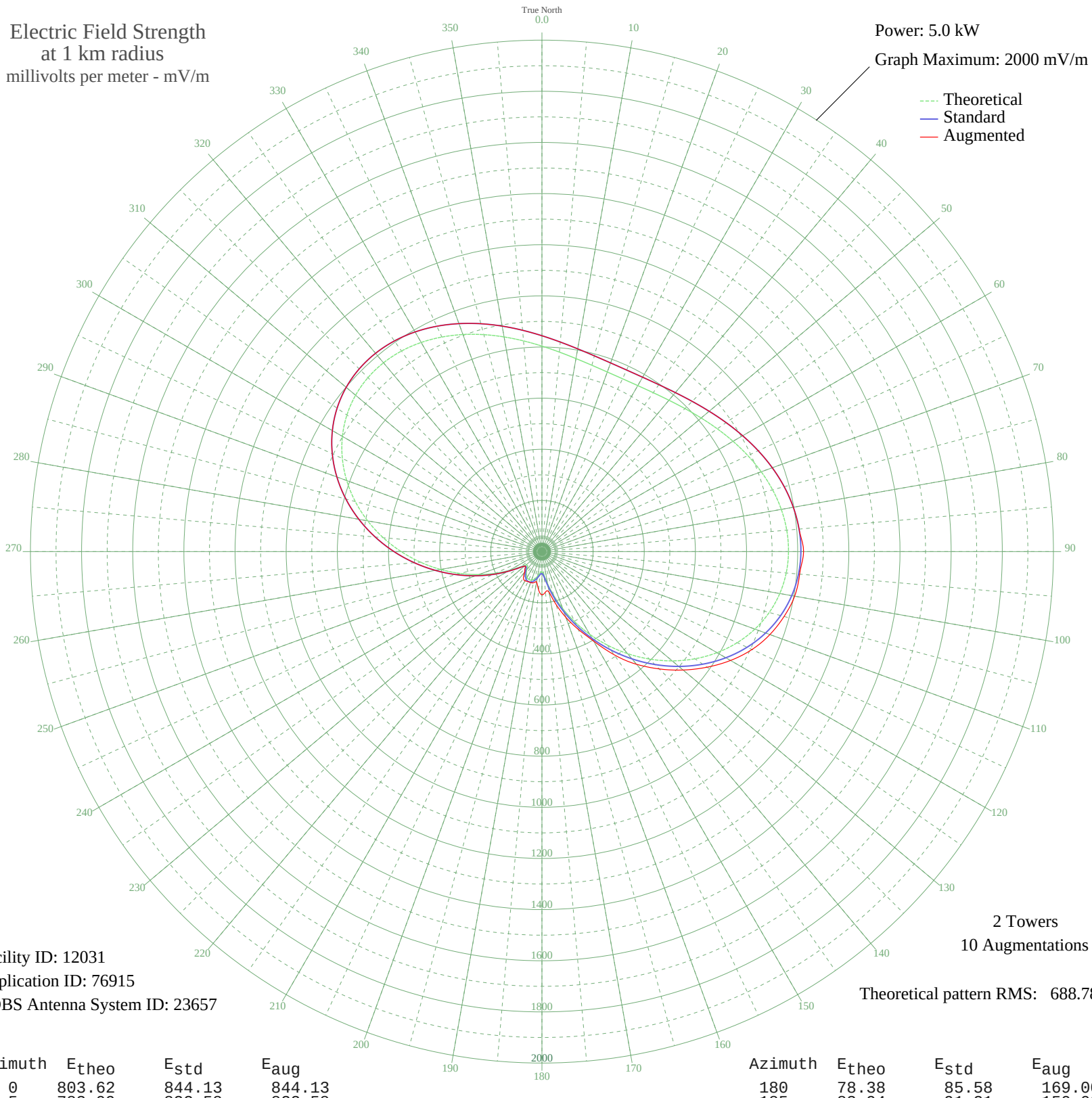
KLFE SEATTLE, WA BL-19850315AD 1590 kHz

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

2 Towers
10 Augmentations

Facility ID: 12031
Application ID: 76915
CDBS Antenna System ID: 23657

Theoretical pattern RMS: 688.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	803.62	844.13	844.13
5	783.09	822.58	822.58
10	766.43	805.10	805.10
15	754.35	792.42	792.42
20	747.35	785.07	785.07
25	745.72	783.36	783.36
30	749.52	787.35	787.35
35	758.60	796.87	796.87
40	772.58	811.55	811.55
45	790.89	830.76	830.76
50	812.71	853.67	853.67
55	837.06	879.22	879.22
60	862.73	906.17	906.17
65	888.39	933.11	933.11
70	912.56	958.48	958.48
75	933.72	980.69	980.69
80	950.32	998.11	998.11
85	960.88	1009.20	1009.20
90	964.09	1012.57	1023.09
95	958.85	1007.06	1011.45
100	944.34	991.83	1003.46
105	920.11	966.40	980.17
110	886.10	930.71	948.58
115	842.66	885.10	906.19
120	790.51	830.37	851.50
125	730.76	767.66	788.18
130	664.81	698.44	720.51
135	594.28	624.43	648.97
140	520.95	547.50	575.29
145	446.67	469.59	492.72
150	373.30	392.67	404.26
155	302.69	318.69	335.04
160	236.71	249.65	273.59
165	177.46	187.80	214.39
170	127.81	136.24	162.01
175	92.62	100.05	158.78

Azimuth	E_{theo}	E_{std}	E_{aug}
180	78.38	85.58	169.00
185	83.94	91.21	150.08
190	97.69	105.22	120.84
195	110.59	118.47	126.34
200	118.73	126.85	129.06
205	120.68	128.87	129.16
210	116.17	124.22	132.08
215	105.86	113.60	126.13
220	91.93	99.34	105.20
225	80.01	87.23	94.25
230	81.30	88.53	88.53
235	104.53	112.24	112.24
240	146.27	155.36	155.36
245	200.19	211.51	211.51
250	262.42	276.54	276.54
255	330.48	347.80	347.80
260	402.42	423.19	423.19
265	476.38	500.75	500.75
270	550.50	578.50	578.50
275	622.93	654.50	654.50
280	691.84	726.81	726.81
285	755.49	793.61	793.61
290	812.35	853.29	853.29
295	861.13	904.49	904.49
300	900.87	946.20	946.20
305	930.98	977.81	977.81
310	951.29	999.13	999.13
315	962.02	1010.39	1010.39
320	963.77	1012.23	1012.23
325	957.47	1005.62	1005.62
330	944.32	991.81	991.81
335	925.72	972.29	972.29
340	903.17	948.62	948.62
345	878.22	922.43	922.43
350	852.39	895.31	895.31
355	827.09	868.76	868.76

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