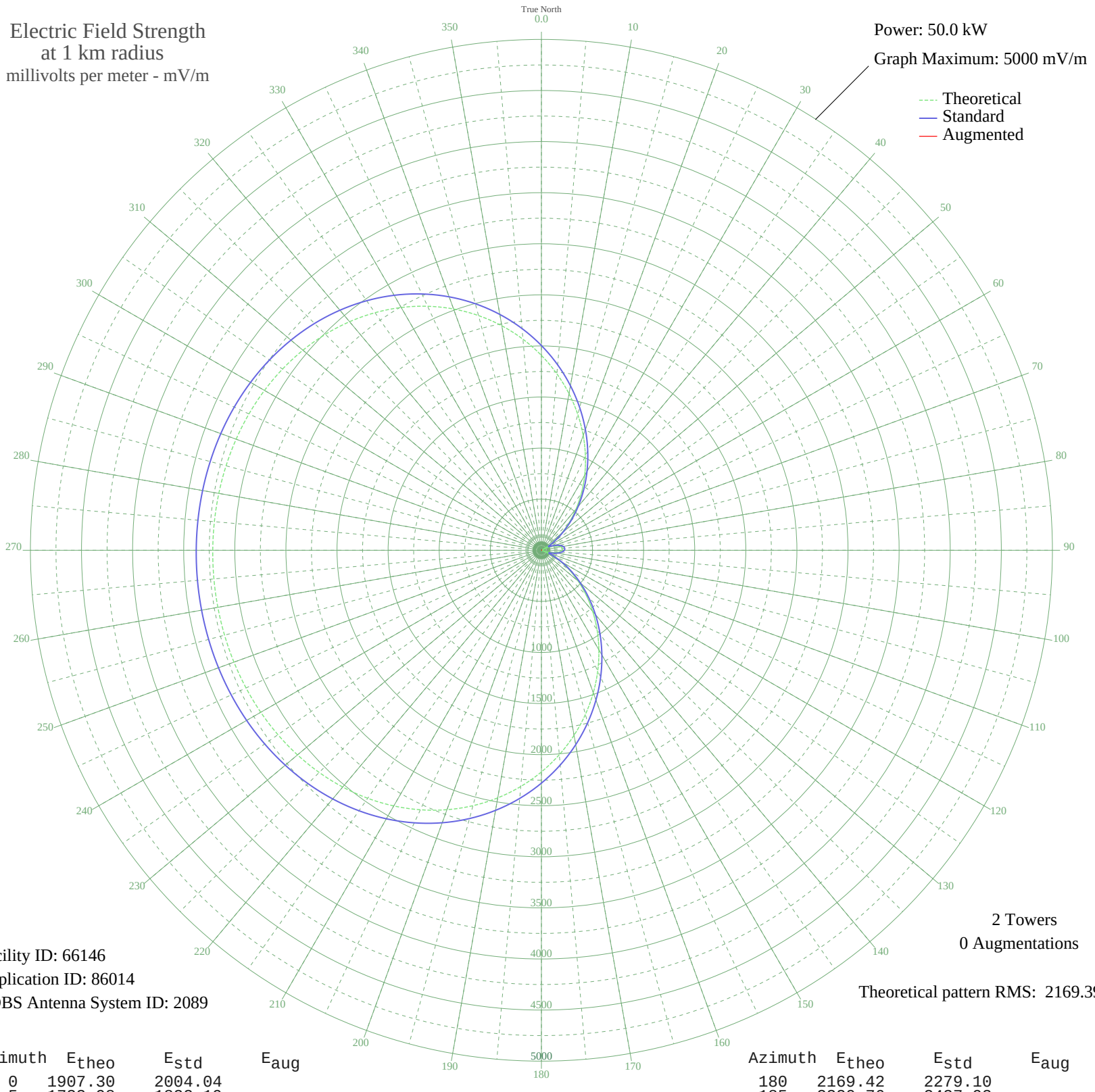
KTNN WINDOW ROCK, AZ BL-19860221AA 660 kHz

Nighttime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 66146
Application ID: 86014
CDBS Antenna System ID: 2089

Theoretical pattern RMS: 2169.39

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1907.30	2004.04	
5	1733.98	1822.19	
10	1556.02	1635.50	
15	1375.83	1446.53	
20	1195.91	1257.90	
25	1018.75	1072.26	
30	846.78	892.22	
35	682.28	720.24	
40	527.35	558.67	
45	383.85	409.82	
50	253.41	276.25	
55	137.41	162.27	
60	36.98	83.79	
65	46.97	89.14	
70	113.76	140.65	
75	162.87	186.44	
80	193.95	216.76	
85	206.78	229.46	
90	201.28	224.00	
95	177.48	200.60	
100	135.55	160.53	
105	75.78	108.83	
110	1.38	74.26	
115	95.32	124.62	
120	205.21	227.91	
125	330.03	354.39	
130	468.48	497.48	
135	619.05	654.23	
140	779.97	822.32	
145	949.21	999.43	
150	1124.58	1183.14	
155	1303.69	1370.88	
160	1484.07	1560.04	
165	1663.22	1747.96	
170	1838.68	1932.04	
175	2008.12	2109.83	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2169.42	2279.10	
185	2320.76	2437.93	
190	2460.62	2584.72	
195	2587.90	2718.31	
200	2701.89	2837.96	
205	2802.31	2943.36	
210	2889.24	3034.61	
215	2963.15	3112.19	
220	3024.80	3176.91	
225	3075.20	3229.81	
230	3115.53	3272.15	
235	3147.06	3305.25	
240	3171.09	3330.47	
245	3188.85	3349.11	
250	3201.46	3362.35	
255	3209.88	3371.19	
260	3214.83	3376.39	
265	3216.79	3378.45	
270	3215.96	3377.57	
275	3212.25	3373.68	
280	3205.29	3366.37	
285	3194.45	3355.00	
290	3178.88	3338.64	
295	3157.50	3316.21	
300	3129.12	3286.42	
305	3092.47	3247.94	
310	3046.24	3199.42	
315	2989.23	3139.57	
320	2920.33	3067.24	
325	2838.68	2981.54	
330	2743.69	2881.83	
335	2635.12	2767.87	
340	2513.09	2639.79	
345	2378.15	2498.16	
350	2231.24	2343.98	
355	2073.73	2178.68	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission