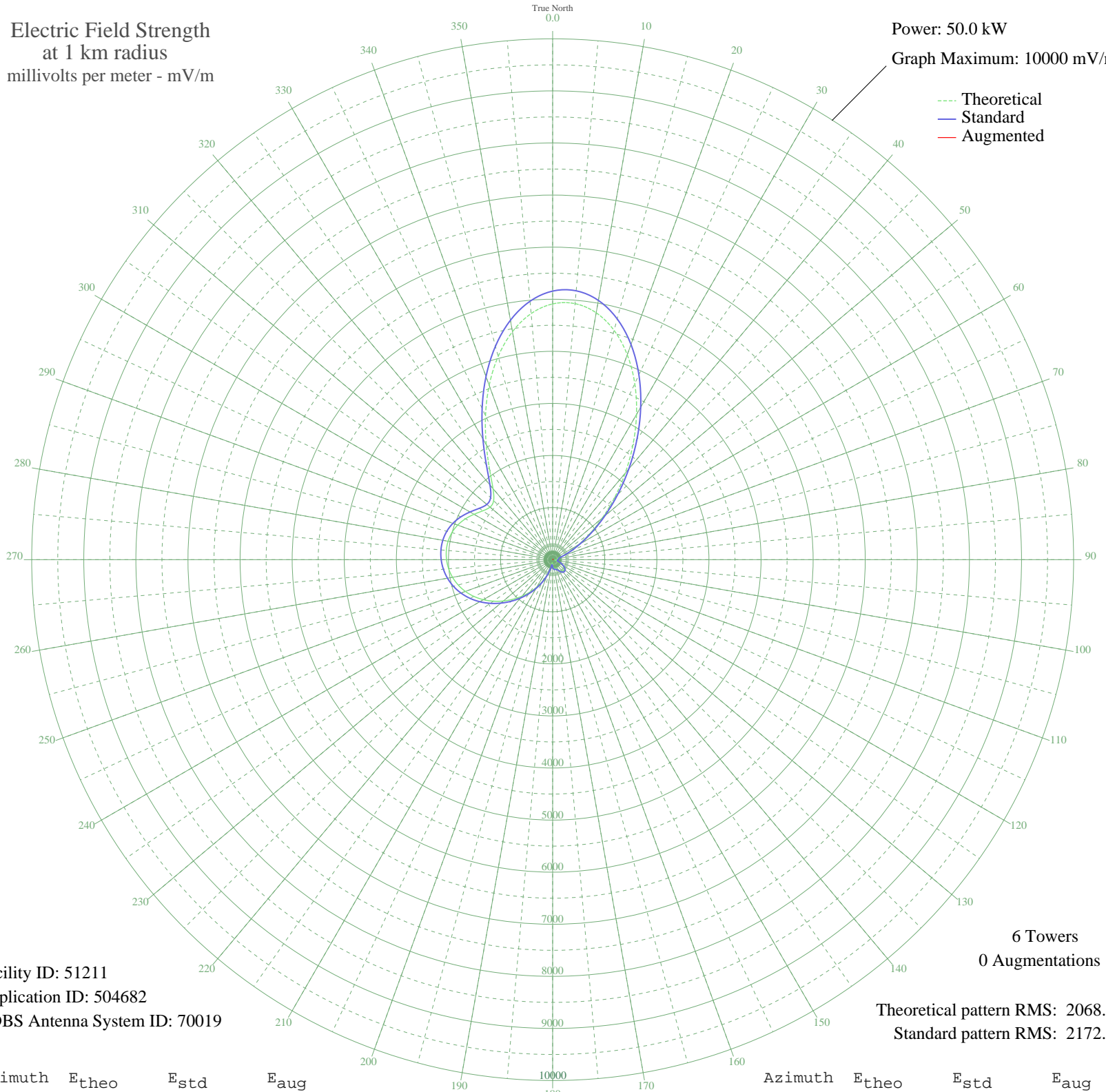


KBOI BOISE, ID BL-20000621AFE 670 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 51211
Application ID: 504682
CDBS Antenna System ID: 70019

6 Towers
0 Augmentations

Theoretical pattern RMS: 2068.18
Standard pattern RMS: 2172.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4910.54	5156.60	
5	4934.48	5181.74	
10	4813.36	5054.57	
15	4557.37	4785.81	
20	4186.87	4396.84	
25	3729.87	3917.06	
30	3218.66	3380.41	
35	2686.38	2821.68	
40	2163.66	2273.06	
45	1676.10	1761.47	
50	1242.63	1306.87	
55	875.02	921.76	
60	578.40	611.84	
65	352.77	377.77	
70	195.88	218.66	
75	108.28	135.79	
80	85.64	116.61	
85	86.09	116.98	
90	77.27	109.98	
95	56.00	94.71	
100	39.15	84.87	
105	64.41	100.43	
110	114.14	140.99	
115	168.56	191.93	
120	219.68	242.32	
125	261.53	284.47	
130	289.08	312.48	
135	298.76	322.37	
140	289.42	312.82	
145	263.38	286.34	
150	227.47	250.11	
155	193.19	216.01	
160	173.01	196.24	
165	169.06	192.41	
170	168.14	191.52	
175	153.89	177.82	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	117.25	143.77	
185	65.16	100.96	
190	81.98	113.67	
195	185.94	208.88	
200	314.65	338.62	
205	455.28	483.78	
210	603.11	637.61	
215	756.18	797.45	
220	913.56	962.10	
225	1073.81	1129.94	
230	1234.05	1297.88	
235	1389.92	1461.30	
240	1536.32	1614.85	
245	1668.49	1753.49	
250	1782.81	1873.42	
255	1877.17	1972.43	
260	1950.87	2049.76	
265	2004.01	2105.52	
270	2036.73	2139.86	
275	2048.52	2152.22	
280	2037.79	2140.96	
285	2002.16	2103.58	
290	1939.56	2037.90	
295	1850.55	1944.50	
300	1742.38	1831.01	
305	1635.30	1718.67	
310	1569.46	1649.60	
315	1602.37	1684.12	
320	1781.31	1871.85	
325	2109.22	2215.93	
330	2548.91	2677.38	
335	3049.67	3203.01	
340	3561.84	3740.67	
345	4040.18	4242.83	
350	4444.84	4667.67	
355	4742.93	4980.63	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission