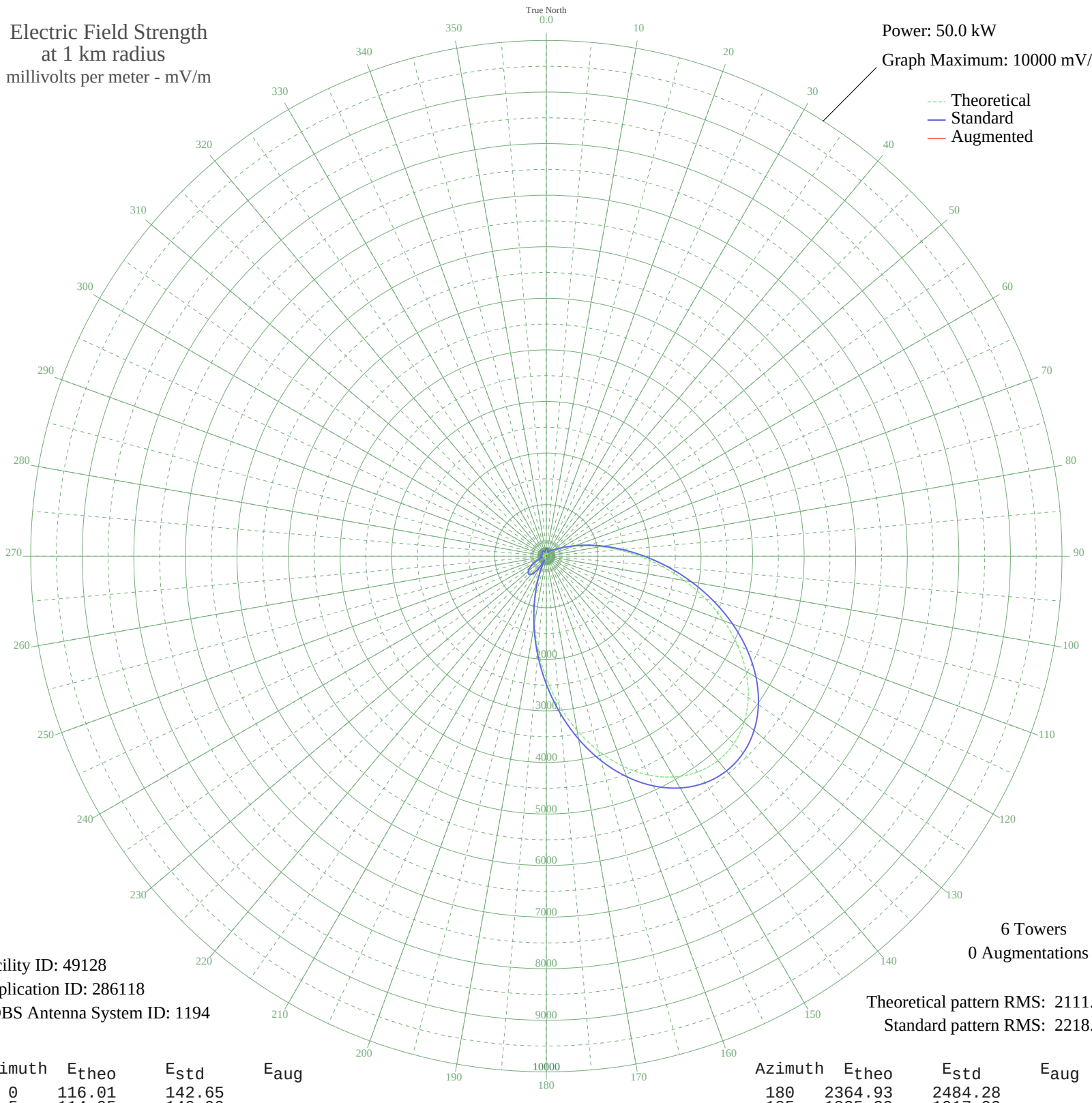
WALE GREENVILLE, RI BL-19990611AE 990 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 49128
Application ID: 286118
CDBS Antenna System ID: 1194

Theoretical pattern RMS: 2111.30
Standard pattern RMS: 2218.11

Azimuth	E_{theo}	E_{std}	E_{aug}
0	116.01	142.65	
5	114.05	140.90	
10	95.85	125.06	
15	64.49	100.48	
20	24.98	78.74	
25	17.14	76.40	
30	56.37	94.95	
35	89.84	120.04	
40	117.41	143.91	
45	142.61	167.13	
50	172.54	195.79	
55	217.32	239.96	
60	288.96	312.36	
65	399.84	426.35	
70	561.09	593.80	
75	780.92	823.32	
80	1063.35	1118.99	
85	1407.28	1479.51	
90	1806.16	1897.92	
95	2248.28	2361.86	
100	2717.60	2854.45	
105	3195.05	3355.62	
110	3659.95	3843.67	
115	4091.65	4296.88	
120	4470.85	4694.98	
125	4780.71	5020.29	
130	5007.60	5258.51	
135	5141.56	5399.15	
140	5176.40	5435.73	
145	5109.75	5365.75	
150	4942.95	5190.63	
155	4681.05	4915.66	
160	4332.68	4549.92	
165	3910.00	4106.18	
170	3428.51	3600.70	
175	2906.61	3052.84	
180	2364.93	2484.28	
185	1825.29	1917.99	
190	1309.46	1376.94	
195	837.60	882.61	
200	426.84	454.29	
205	89.99	120.17	
210	166.23	189.68	
215	339.51	364.13	
220	434.54	462.27	
225	460.69	489.39	
230	431.36	458.97	
235	362.42	387.72	
240	270.59	293.66	
245	171.77	195.04	
250	79.53	111.74	
255	5.80	74.50	
260	49.87	90.85	
265	79.26	111.53	
270	87.33	117.98	
275	79.54	111.75	
280	63.09	99.50	
285	45.41	88.24	
290	32.73	81.81	
295	28.95	80.23	
300	35.09	82.88	
305	49.22	90.46	
310	67.13	102.38	
315	83.30	114.73	
320	92.22	122.02	
325	89.66	119.90	
330	73.67	107.22	
335	45.05	88.03	
340	7.51	74.66	
345	34.16	82.46	
350	72.42	106.27	
355	101.32	129.73	

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