

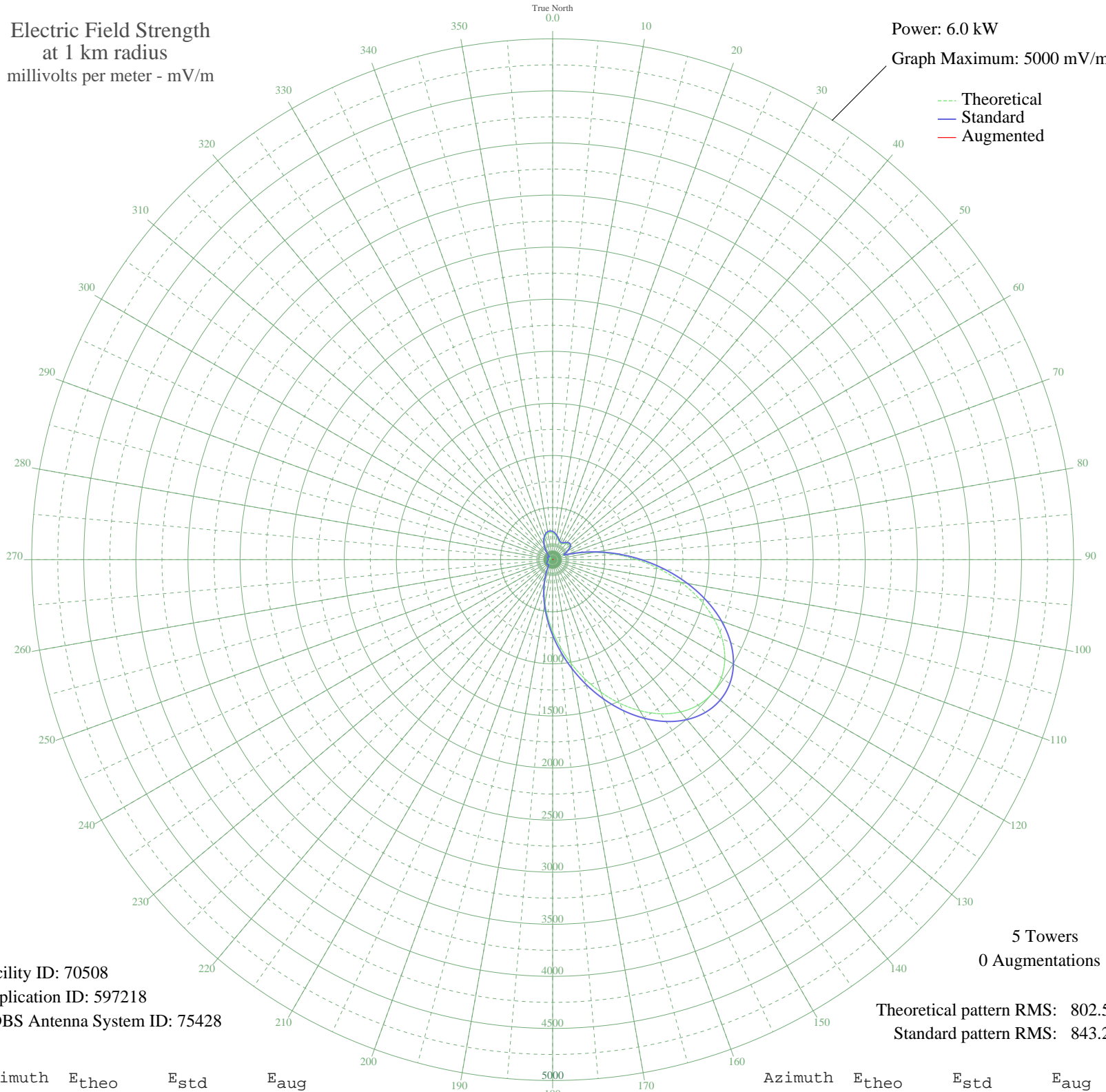
WEEU READING, PA BL-20020301AHA 830 kHz

Nighttime

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

Power: 6.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 70508
Application ID: 597218
CDBS Antenna System ID: 75428

Theoretical pattern RMS: 802.50
Standard pattern RMS: 843.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	256.09	270.95	
5	241.86	256.13	
10	221.86	235.32	
15	199.92	212.54	
20	181.32	193.28	
25	171.84	183.48	
30	174.65	186.38	
35	187.20	199.37	
40	202.50	215.22	
45	212.54	225.64	
50	210.31	223.32	
55	190.58	202.86	
60	152.12	163.16	
65	109.58	119.78	
70	131.24	141.77	
75	244.60	258.98	
80	406.35	427.97	
85	598.19	628.98	
90	809.70	850.84	
95	1030.78	1082.83	
100	1250.64	1313.59	
105	1458.19	1531.46	
110	1642.82	1725.28	
115	1795.17	1885.23	
120	1907.90	2003.57	
125	1976.17	2075.25	
130	1998.01	2098.18	
135	1974.26	2073.24	
140	1908.36	2004.06	
145	1805.89	1896.48	
150	1673.95	1757.96	
155	1520.47	1596.84	
160	1353.55	1421.62	
165	1180.85	1240.34	
170	1009.13	1060.11	
175	843.93	886.75	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	689.43	724.67	
185	548.53	576.92	
190	422.99	445.39	
195	313.71	331.08	
200	221.08	234.51	
205	145.41	156.27	
210	87.78	98.00	
215	52.25	64.18	
220	44.53	57.40	
225	51.80	63.78	
230	57.52	68.97	
235	57.63	69.07	
240	53.07	64.92	
245	46.33	58.96	
250	40.11	53.69	
255	35.92	50.32	
260	33.05	48.10	
265	29.66	45.59	
270	25.16	42.51	
275	22.04	40.55	
280	24.71	42.22	
285	32.28	47.52	
290	39.61	53.28	
295	42.60	55.77	
300	38.80	52.62	
305	27.98	44.41	
310	19.25	38.96	
315	38.09	52.05	
320	72.50	83.09	
325	111.97	122.19	
330	152.12	163.16	
335	189.44	201.69	
340	220.97	234.40	
345	244.40	258.77	
350	258.27	273.22	
355	262.03	277.14	