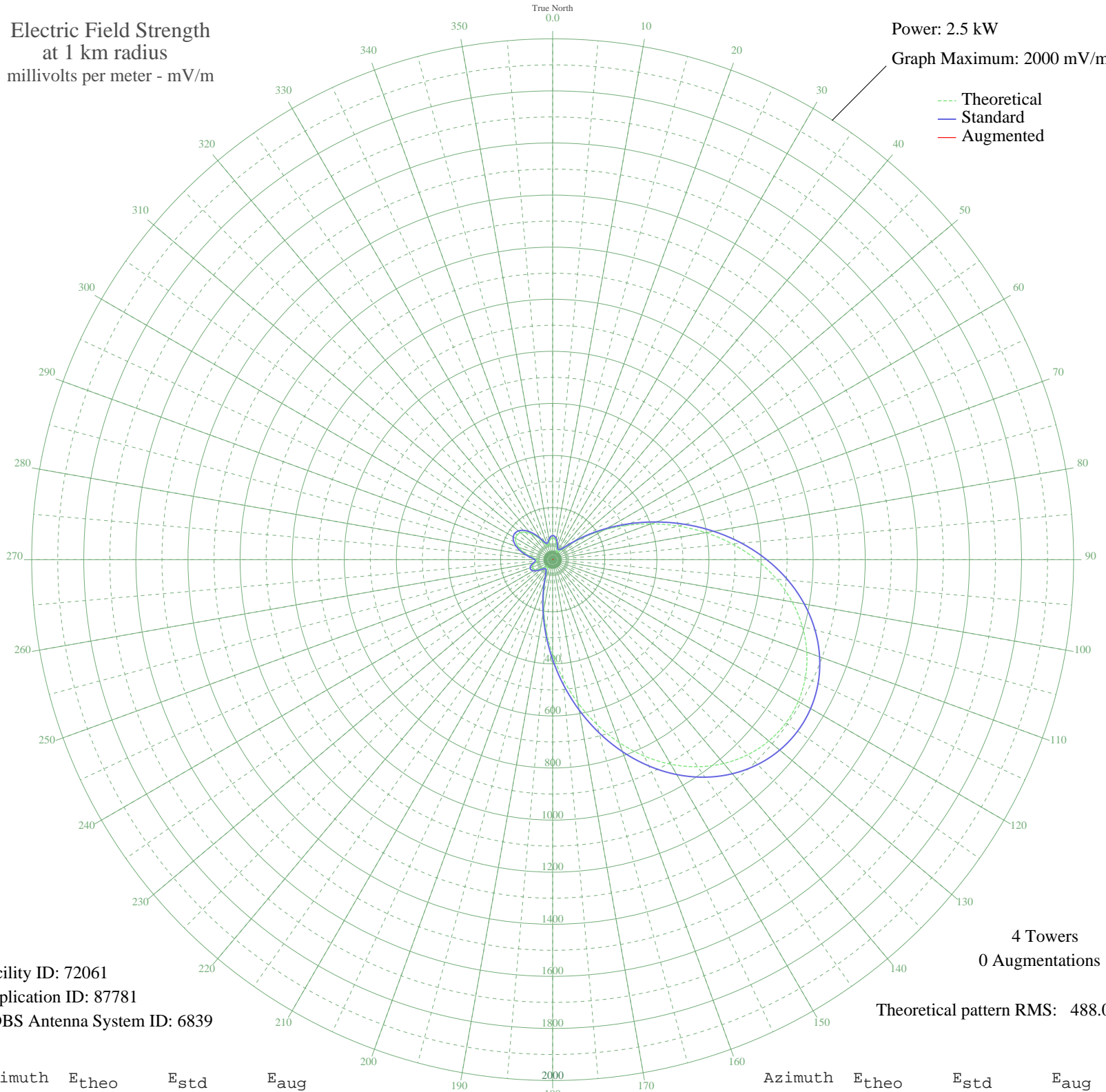


WFLI LOOKOUT MOUNTAIN, TN BL-19860430AG 1070 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 72061
Application ID: 87781
CDBS Antenna System ID: 6839

4 Towers
0 Augmentations
Theoretical pattern RMS: 488.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	84.05	92.80	
5	81.28	90.04	
10	72.21	81.07	
15	58.78	68.07	
20	44.51	54.84	
25	34.33	46.08	
30	31.98	44.17	
35	35.58	47.11	
40	44.42	54.76	
45	64.70	73.74	
50	102.00	110.88	
55	156.84	167.16	
60	227.21	240.29	
65	310.14	326.91	
70	402.04	423.11	
75	498.98	524.72	
80	597.04	627.54	
85	692.50	727.69	
90	782.15	821.76	
95	863.32	906.94	
100	933.98	981.09	
105	992.65	1042.68	
110	1038.37	1090.66	
115	1070.53	1124.42	
120	1088.80	1143.60	
125	1093.02	1148.03	
130	1083.17	1137.69	
135	1059.32	1112.65	
140	1021.68	1073.15	
145	970.69	1019.63	
150	907.08	952.87	
155	832.01	874.08	
160	747.17	785.06	
165	654.85	688.19	
170	557.93	586.53	
175	459.85	483.70	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	364.45	383.75	
185	275.68	290.89	
190	197.37	209.22	
195	132.90	142.46	
200	84.92	93.67	
205	54.73	64.23	
210	39.97	50.84	
215	33.64	45.51	
220	31.99	44.18	
225	37.57	48.78	
230	50.03	59.86	
235	64.49	73.54	
240	76.50	85.30	
245	83.20	91.96	
250	83.25	92.00	
255	76.90	85.69	
260	66.47	75.46	
265	57.48	66.83	
270	58.48	67.78	
275	72.82	81.67	
280	94.74	103.54	
285	118.05	127.23	
290	138.85	148.59	
295	154.73	164.98	
300	164.18	174.77	
305	166.41	177.08	
310	161.24	171.71	
315	149.08	159.14	
320	131.01	140.52	
325	108.85	117.84	
330	85.52	94.27	
335	65.76	74.77	
340	56.41	65.81	
345	60.38	69.59	
350	70.87	79.75	
355	80.11	88.88	

13 Nov 2009

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Federal Communications Commission