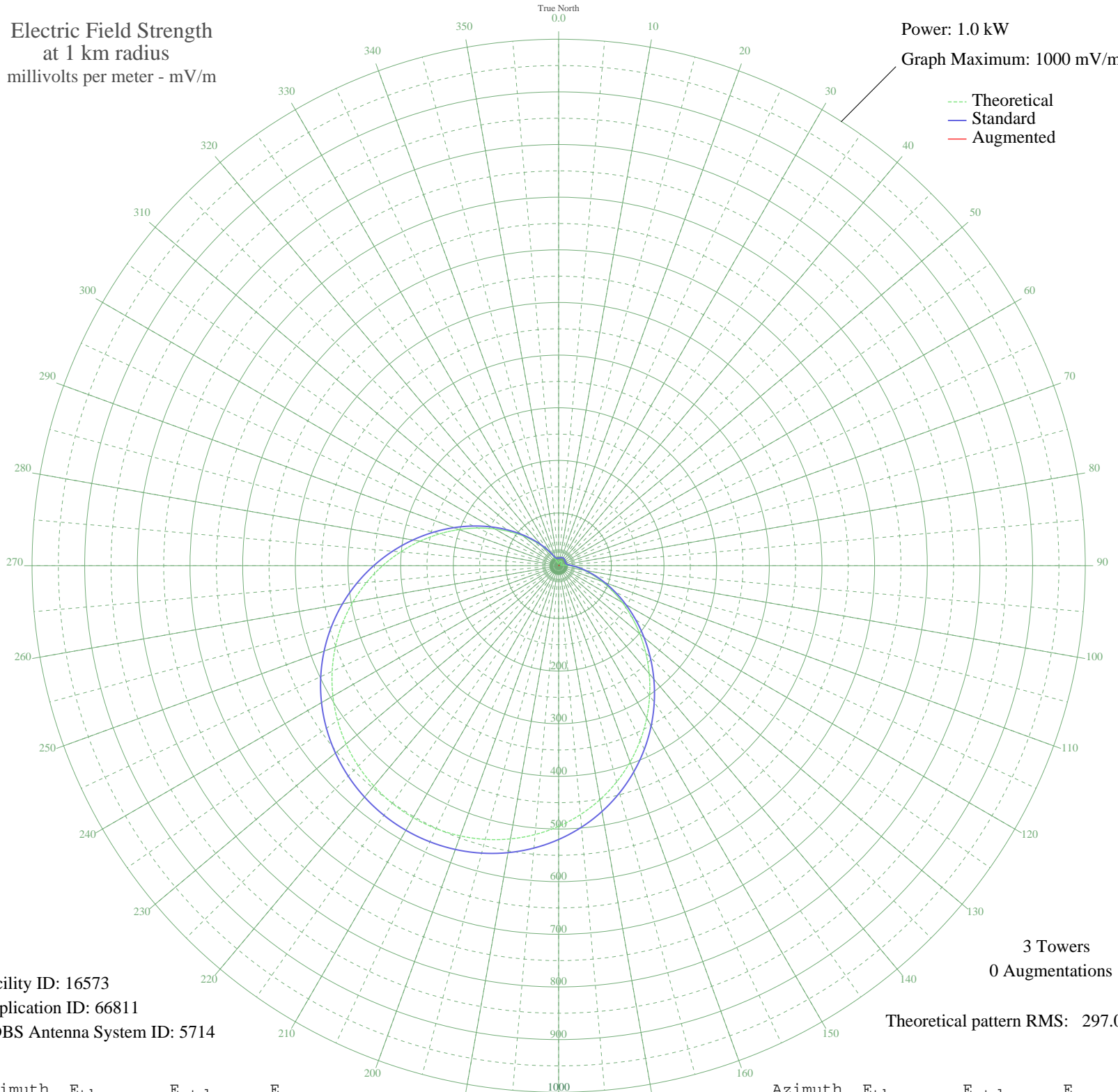


KFAY FARMINGTON, AR BL-19840227AD 1030 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 16573
Application ID: 66811
CDBS Antenna System ID: 5714

3 Towers
0 Augmentations

Theoretical pattern RMS: 297.06

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4.79	14.47	
5	5.36	14.69	
10	6.50	15.19	
15	7.89	15.90	
20	9.16	16.63	
25	10.03	17.17	
30	10.33	17.37	
35	10.03	17.17	
40	9.16	16.63	
45	7.89	15.90	
50	6.50	15.19	
55	5.36	14.69	
60	4.79	14.47	
65	4.69	14.43	
70	4.70	14.44	
75	5.09	14.58	
80	7.38	15.62	
85	12.69	19.02	
90	21.17	26.04	
95	32.85	37.07	
100	47.83	52.02	
105	66.13	70.75	
110	87.69	93.07	
115	112.31	118.71	
120	139.70	147.31	
125	169.45	178.44	
130	201.05	211.54	
135	233.95	246.02	
140	267.53	281.23	
145	301.18	316.53	
150	334.30	351.28	
155	366.34	384.89	
160	396.77	416.83	
165	425.18	446.65	
170	451.20	473.96	
175	474.56	498.47	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	495.04	519.97	
185	512.51	538.30	
190	526.86	553.37	
195	538.05	565.11	
200	546.05	573.51	
205	550.85	578.55	
210	552.45	580.23	
215	550.85	578.55	
220	546.05	573.51	
225	538.05	565.11	
230	526.86	553.37	
235	512.51	538.30	
240	495.04	519.97	
245	474.56	498.47	
250	451.20	473.96	
255	425.18	446.65	
260	396.77	416.83	
265	366.34	384.89	
270	334.30	351.28	
275	301.18	316.53	
280	267.53	281.23	
285	233.95	246.02	
290	201.05	211.54	
295	169.45	178.44	
300	139.70	147.31	
305	112.31	118.71	
310	87.69	93.07	
315	66.13	70.75	
320	47.83	52.02	
325	32.85	37.07	
330	21.17	26.04	
335	12.69	19.02	
340	7.38	15.62	
345	5.09	14.58	
350	4.70	14.44	
355	4.69	14.43	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission