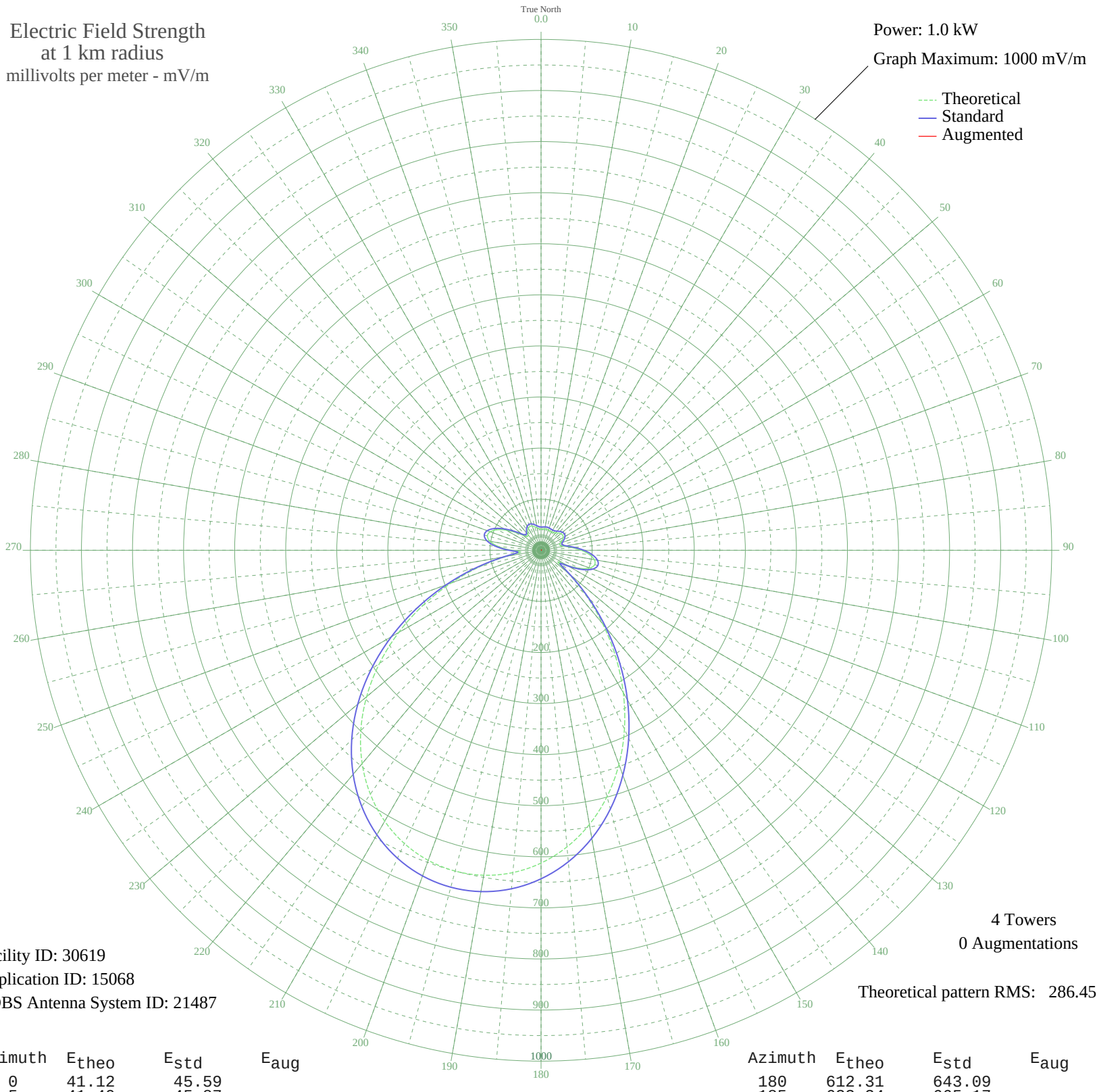
WYMC MAYFIELD, KY BL-19791120AC 1430 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 30619
Application ID: 15068
CDBS Antenna System ID: 21487

Theoretical pattern RMS: 286.45

Azimuth	E_{theo}	E_{std}	E_{aug}
0	41.12	45.59	
5	41.40	45.87	
10	42.09	46.55	
15	42.41	46.88	
20	42.09	46.55	
25	41.40	45.87	
30	41.12	45.59	
35	42.04	46.51	
40	44.44	48.90	
45	47.67	52.15	
50	50.46	54.97	
55	51.48	56.00	
60	49.78	54.28	
65	45.31	49.78	
70	39.81	44.29	
75	38.06	42.56	
80	45.39	49.86	
85	60.63	65.32	
90	78.64	83.86	
95	94.91	100.73	
100	105.88	112.14	
105	108.74	115.11	
110	101.56	107.64	
115	83.75	89.15	
120	57.77	62.40	
125	40.53	45.01	
130	69.05	73.97	
135	123.97	130.99	
140	187.79	197.72	
145	254.94	268.09	
150	322.03	338.45	
155	386.39	405.98	
160	445.96	468.48	
165	499.18	524.34	
170	545.01	572.45	
175	582.83	612.14	
180	612.31	643.09	
185	633.34	665.17	
190	645.94	678.40	
195	650.13	682.80	
200	645.94	678.40	
205	633.34	665.17	
210	612.31	643.09	
215	582.83	612.14	
220	545.01	572.45	
225	499.18	524.34	
230	445.96	468.48	
235	386.39	405.98	
240	322.03	338.45	
245	254.94	268.09	
250	187.79	197.72	
255	123.97	130.99	
260	69.05	73.97	
265	40.53	45.01	
270	57.77	62.40	
275	83.75	89.15	
280	101.56	107.64	
285	108.74	115.11	
290	105.88	112.14	
295	94.91	100.73	
300	78.64	83.86	
305	60.63	65.32	
310	45.39	49.86	
315	38.06	42.56	
320	39.81	44.29	
325	45.31	49.78	
330	49.78	54.28	
335	51.48	56.00	
340	50.46	54.97	
345	47.67	52.15	
350	44.44	48.90	
355	42.04	46.51	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission