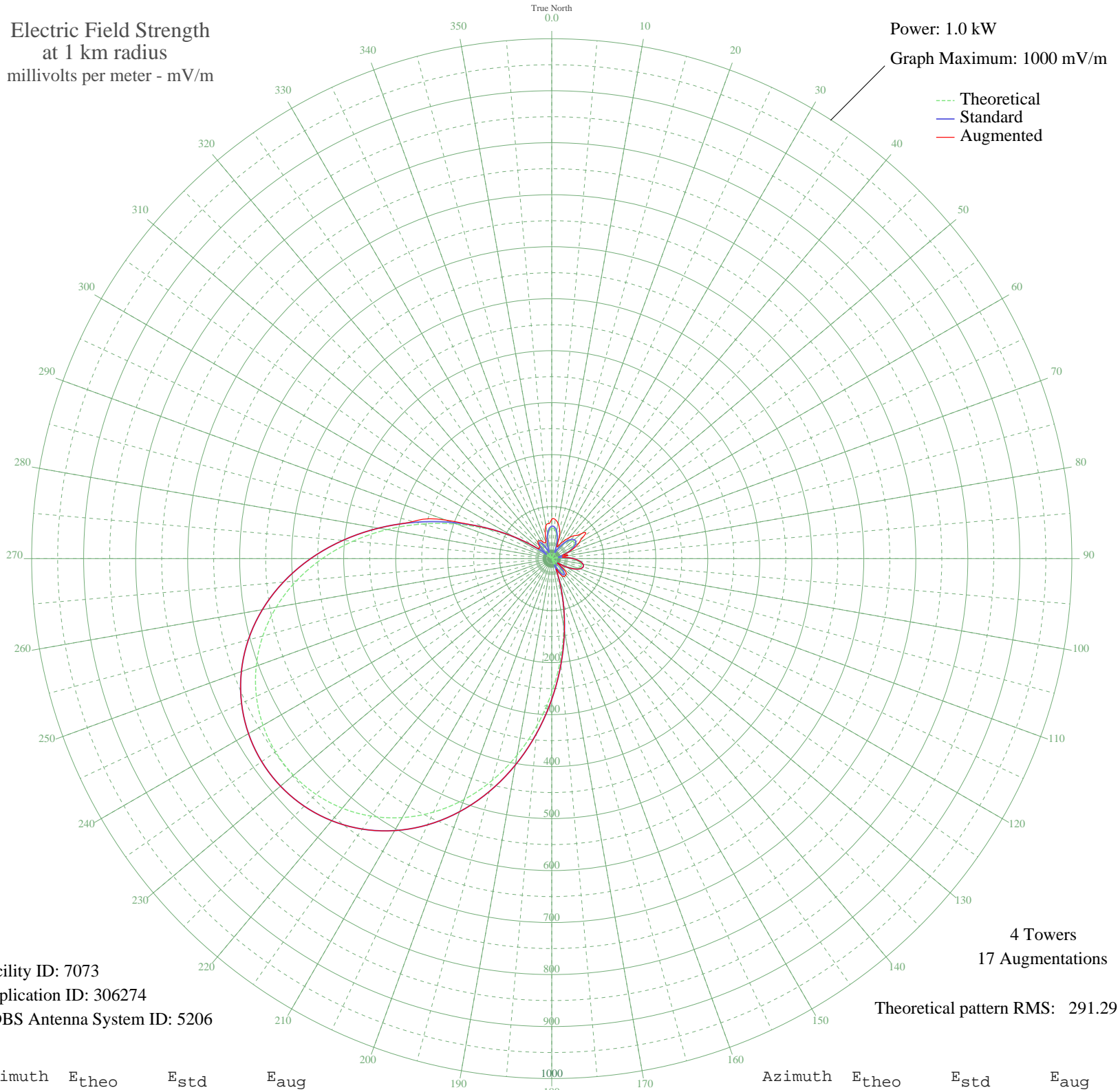


# WMOX MERIDIAN, MS BL-- 1010 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 7073  
Application ID: 306274  
CDBS Antenna System ID: 5206

4 Towers  
17 Augmentations  
Theoretical pattern RMS: 291.29

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	58.21	62.40	75.45
5	56.77	60.92	75.63
10	49.60	53.58	69.24
15	37.75	41.59	58.41
20	22.65	26.91	38.38
25	5.90	14.04	25.04
30	10.88	17.01	32.38
35	26.22	30.28	42.20
40	38.85	42.70	53.20
45	47.82	51.77	62.84
50	52.47	56.51	75.30
55	52.47	56.51	75.12
60	47.82	51.77	60.55
65	38.85	42.70	46.75
70	26.22	30.28	30.46
75	10.88	17.01	24.34
80	5.90	14.04	27.76
85	22.65	26.91	26.91
90	37.75	41.59	41.59
95	49.60	53.58	53.58
100	56.77	60.92	60.92
105	58.21	62.40	62.40
110	53.46	57.53	57.53
115	42.83	46.71	46.71
120	27.45	31.46	31.46
125	9.30	15.95	15.95
130	8.97	15.74	25.01
135	24.31	28.46	39.33
140	33.57	37.44	41.50
145	34.00	37.86	42.03
150	23.51	27.72	37.46
155	1.01	12.65	23.33
160	33.48	37.34	37.34
165	78.86	83.75	83.75
170	133.12	140.34	140.34
175	193.63	203.71	203.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	257.46	270.63	270.63
185	321.70	338.02	338.02
190	383.73	403.11	403.11
195	441.40	463.64	463.64
200	493.14	517.95	517.95
205	537.90	564.94	564.94
210	575.15	604.03	604.03
215	604.69	635.05	635.05
220	626.60	658.05	658.05
225	641.05	673.22	673.22
230	648.22	680.75	680.75
235	648.22	680.75	680.75
240	641.05	673.22	673.22
245	626.60	658.05	658.05
250	604.69	635.05	635.05
255	575.15	604.03	604.03
260	537.90	564.94	564.94
265	493.14	517.95	517.95
270	441.40	463.64	463.64
275	383.73	403.11	403.11
280	321.70	338.02	338.02
285	257.46	270.63	270.63
290	193.63	203.70	217.05
295	133.12	140.34	140.34
300	78.86	83.75	83.75
305	33.48	37.34	38.12
310	1.01	12.65	32.19
315	23.51	27.72	32.74
320	34.00	37.86	41.50
325	33.57	37.44	41.84
330	24.31	28.46	39.65
335	8.97	15.74	33.58
340	9.30	15.95	33.34
345	27.45	31.46	47.17
350	42.83	46.71	64.37
355	53.46	57.53	67.42

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