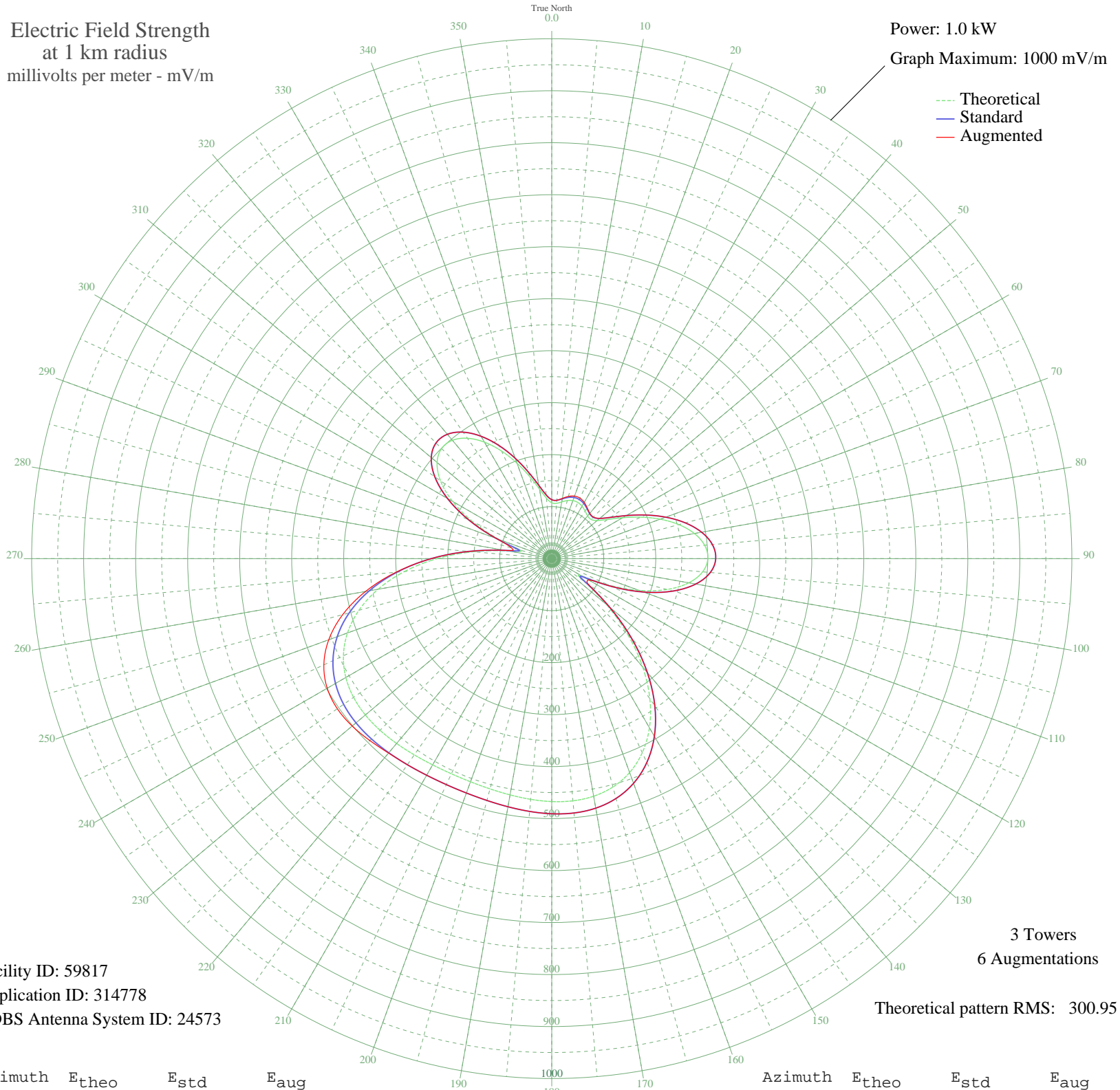


WJDX JACKSON, MS BL-- 620 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 59817
Application ID: 314778
CDBS Antenna System ID: 24573

3 Towers
6 Augmentations
Theoretical pattern RMS: 300.95

Azimuth	E _{theo}	E _{std}	E _{aug}
0	107.50	113.36	113.36
5	106.79	112.62	112.70
10	110.80	116.81	117.68
15	115.65	121.89	123.89
20	118.83	125.22	128.02
25	119.14	125.54	128.42
30	116.48	122.75	124.96
35	111.80	117.86	119.13
40	107.35	113.20	113.89
45	106.77	112.60	113.15
50	114.13	120.29	120.53
55	131.43	138.40	138.41
60	157.40	165.61	165.61
65	188.81	198.53	198.53
70	221.92	233.25	233.25
75	253.01	265.87	265.87
80	278.53	292.65	292.65
85	295.18	310.12	310.12
90	300.14	315.32	315.32
95	291.32	306.07	306.07
100	267.68	281.26	281.26
105	229.47	241.17	241.17
110	178.55	187.77	187.77
115	119.46	125.87	125.87
120	67.04	71.18	81.59
125	75.94	80.43	85.49
130	138.02	145.30	145.30
135	207.16	217.77	217.77
140	272.12	285.92	285.92
145	328.94	345.55	345.55
150	375.73	394.66	394.66
155	411.92	432.64	432.64
160	437.88	459.90	459.90
165	454.73	477.58	477.58
170	464.04	487.35	487.35
175	467.61	491.10	491.10

Azimuth	E _{theo}	E _{std}	E _{aug}
180	467.27	490.74	490.74
185	464.72	488.06	488.06
190	461.41	484.59	484.59
195	458.49	481.53	481.53
200	456.74	479.69	479.76
205	456.57	479.51	479.65
210	458.03	481.04	481.04
215	460.76	483.92	483.92
220	464.07	487.39	488.20
225	466.88	490.34	494.73
230	467.79	491.30	500.93
235	465.15	488.52	503.34
240	457.14	480.11	498.49
245	441.94	464.15	483.47
250	417.90	438.92	456.29
255	383.82	403.15	416.15
260	339.13	356.25	363.60
265	284.22	298.62	300.77
270	220.65	231.92	231.92
275	151.85	159.79	159.79
280	86.46	91.39	91.39
285	61.64	65.57	80.47
290	107.51	113.37	113.37
295	167.17	175.84	175.84
300	220.21	231.46	231.46
305	261.17	274.43	274.43
310	287.79	302.36	302.36
315	299.53	314.68	314.68
320	297.19	312.23	312.23
325	282.67	296.99	296.99
330	258.67	271.81	271.81
335	228.41	240.06	240.06
340	195.42	205.46	205.46
345	163.37	171.86	171.86
350	136.02	143.20	143.20
355	116.79	123.08	123.08

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