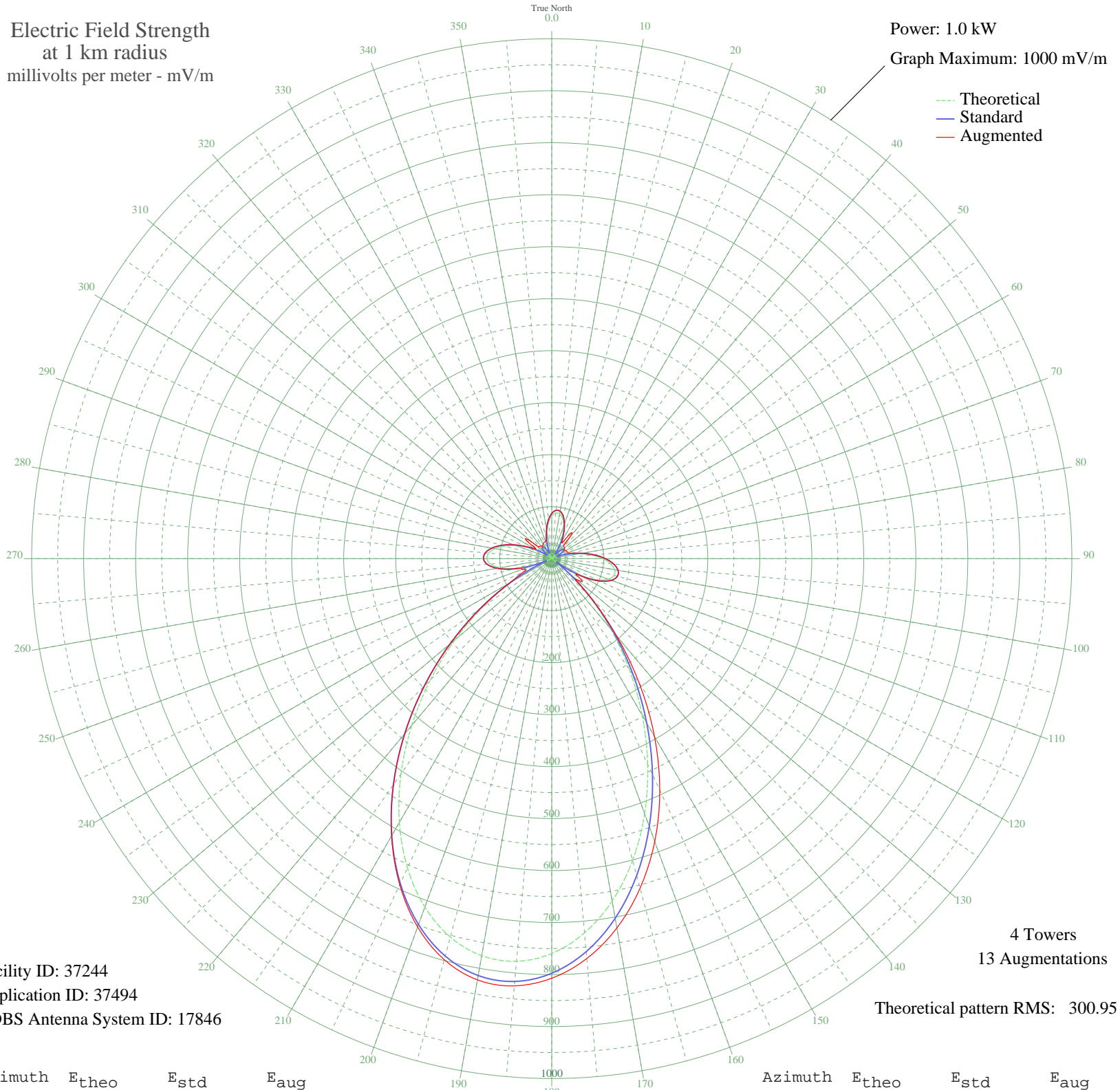


WDXI JACKSON, TN BL-19811224AB 1310 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 37244
Application ID: 37494
CDBS Antenna System ID: 17846

4 Towers
13 Augmentations

Theoretical pattern RMS: 300.95

Azimuth	E _{theo}	E _{std}	E _{aug}
0	82.15	86.89	86.89
5	88.21	93.22	93.22
10	87.53	92.50	92.50
15	80.18	84.84	84.84
20	67.06	71.19	71.19
25	49.75	53.29	54.82
30	30.34	33.54	40.84
35	11.10	15.69	46.56
40	5.72	12.09	55.21
45	18.21	21.81	33.12
50	24.95	28.23	32.06
55	25.17	28.44	29.37
60	18.76	22.32	31.17
65	6.24	12.38	32.45
70	11.31	15.85	33.08
75	32.37	35.57	40.42
80	55.14	58.84	58.94
85	77.61	82.17	82.17
90	97.74	103.16	103.16
95	113.47	119.60	119.60
100	122.85	129.42	129.42
105	124.09	130.72	130.72
110	115.63	121.87	121.87
115	96.22	101.58	101.58
120	64.99	69.05	69.05
125	21.56	24.96	66.55
130	33.87	37.08	61.56
135	100.43	105.97	105.97
140	176.56	185.69	194.40
145	259.98	273.18	294.29
150	347.74	365.28	395.13
155	436.39	458.33	491.35
160	522.08	548.28	579.04
165	600.85	630.98	656.26
170	668.88	702.40	721.36
175	722.71	758.92	772.21

Azimuth	E _{theo}	E _{std}	E _{aug}
180	759.55	797.60	807.16
185	777.45	816.39	824.97
190	775.44	814.28	822.74
195	753.65	791.40	798.57
200	713.22	748.96	753.98
205	656.30	689.20	691.78
210	585.84	615.22	615.84
215	505.37	530.74	530.74
220	418.77	439.83	439.83
225	330.00	346.66	346.66
230	242.84	255.20	255.20
235	160.67	169.03	169.03
240	86.29	91.21	92.70
245	21.85	25.23	59.15
250	31.22	34.43	60.48
255	72.21	76.54	76.54
260	101.03	106.60	106.60
265	118.17	124.52	124.52
270	124.57	131.22	131.22
275	121.57	128.08	128.08
280	110.77	116.78	116.78
285	94.00	99.26	99.26
290	73.24	77.62	77.62
295	50.54	54.10	55.77
300	27.96	31.18	39.52
305	7.46	13.10	55.42
310	9.19	14.26	46.08
315	20.56	24.00	33.37
320	25.67	28.92	31.81
325	24.11	27.41	30.35
330	16.13	19.93	32.97
335	2.64	10.86	34.54
340	14.83	18.78	35.14
345	34.28	37.50	41.40
350	53.45	57.10	57.10
355	70.07	74.32	74.32

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission