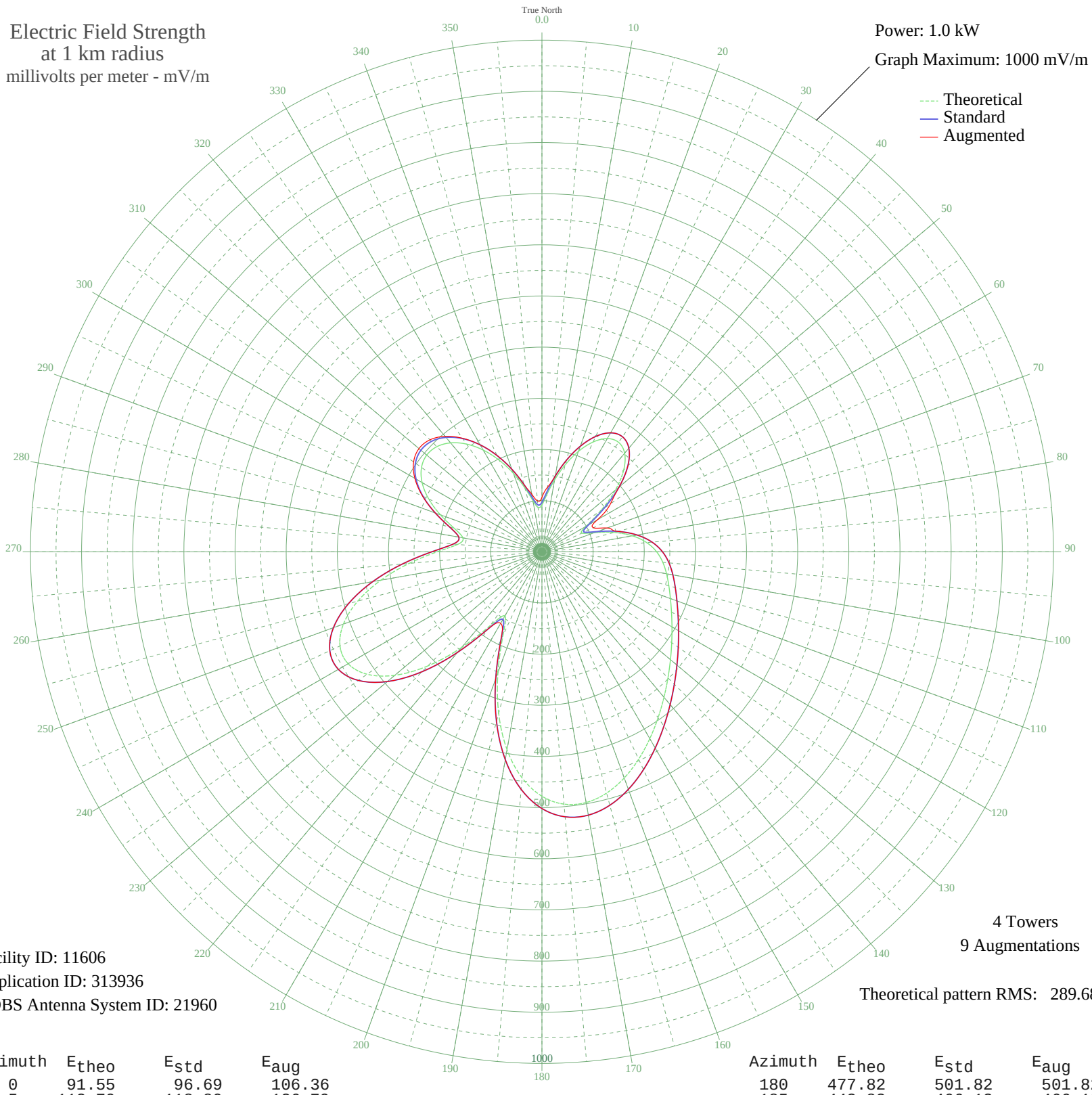
WXOK BATON ROUGE, LA BL-- 1460 kHz

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
9 Augmentations

Facility ID: 11606
Application ID: 313936
CDBS Antenna System ID: 21960

Theoretical pattern RMS: 289.68

Azimuth	E_{theo}	E_{std}	E_{aug}
0	91.55	96.69	106.36
5	112.70	118.80	126.79
10	142.75	150.26	150.26
15	176.20	185.31	185.31
20	208.92	219.62	219.62
25	236.78	248.84	248.84
30	255.49	268.47	268.42
35	261.23	274.49	274.49
40	251.54	264.33	264.33
45	226.09	237.63	237.63
50	187.28	196.93	196.93
55	141.03	148.46	163.67
60	99.48	104.99	125.58
65	85.95	90.86	111.04
70	109.55	115.50	136.15
75	146.04	153.70	153.70
80	179.60	188.88	188.88
85	205.67	216.21	216.21
90	224.24	235.68	235.68
95	237.26	249.35	249.35
100	247.37	259.95	259.95
105	256.87	269.91	269.91
110	267.32	280.88	280.88
115	279.48	293.64	293.64
120	293.59	308.45	308.45
125	309.72	325.38	325.38
130	327.98	344.54	344.54
135	348.47	366.04	366.04
140	371.20	389.90	389.90
145	395.89	415.82	415.82
150	421.75	442.96	442.96
155	447.33	469.81	469.81
160	470.47	494.10	494.10
165	488.33	512.86	512.86
170	497.67	522.66	522.66
175	495.13	519.99	519.99

Azimuth	E_{theo}	E_{std}	E_{aug}
180	477.82	501.82	501.82
185	443.82	466.13	466.13
190	392.84	412.62	412.62
195	326.88	343.38	343.38
200	251.53	264.31	264.31
205	180.10	189.39	189.39
210	144.57	152.16	161.42
215	175.83	184.92	184.92
220	244.15	256.57	256.57
225	315.66	331.61	331.61
230	375.65	394.57	394.57
235	417.34	438.33	438.33
240	437.57	459.57	459.57
245	435.68	457.58	457.58
250	413.02	433.79	433.79
255	372.77	391.55	391.55
260	319.77	335.92	335.92
265	260.66	273.89	273.89
270	204.71	215.20	215.20
275	165.41	174.00	174.00
280	156.88	165.06	165.06
285	177.61	186.79	186.79
290	211.10	221.91	221.91
295	244.22	256.65	257.52
300	270.55	284.27	286.94
305	287.42	301.97	306.26
310	294.03	308.91	313.82
315	290.59	305.30	309.54
320	277.85	291.93	294.54
325	257.00	270.06	270.89
330	229.57	241.27	241.27
335	197.44	207.57	207.57
340	163.01	171.48	171.48
345	129.49	136.37	136.37
350	101.66	107.26	114.26
355	86.90	91.84	99.97

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission