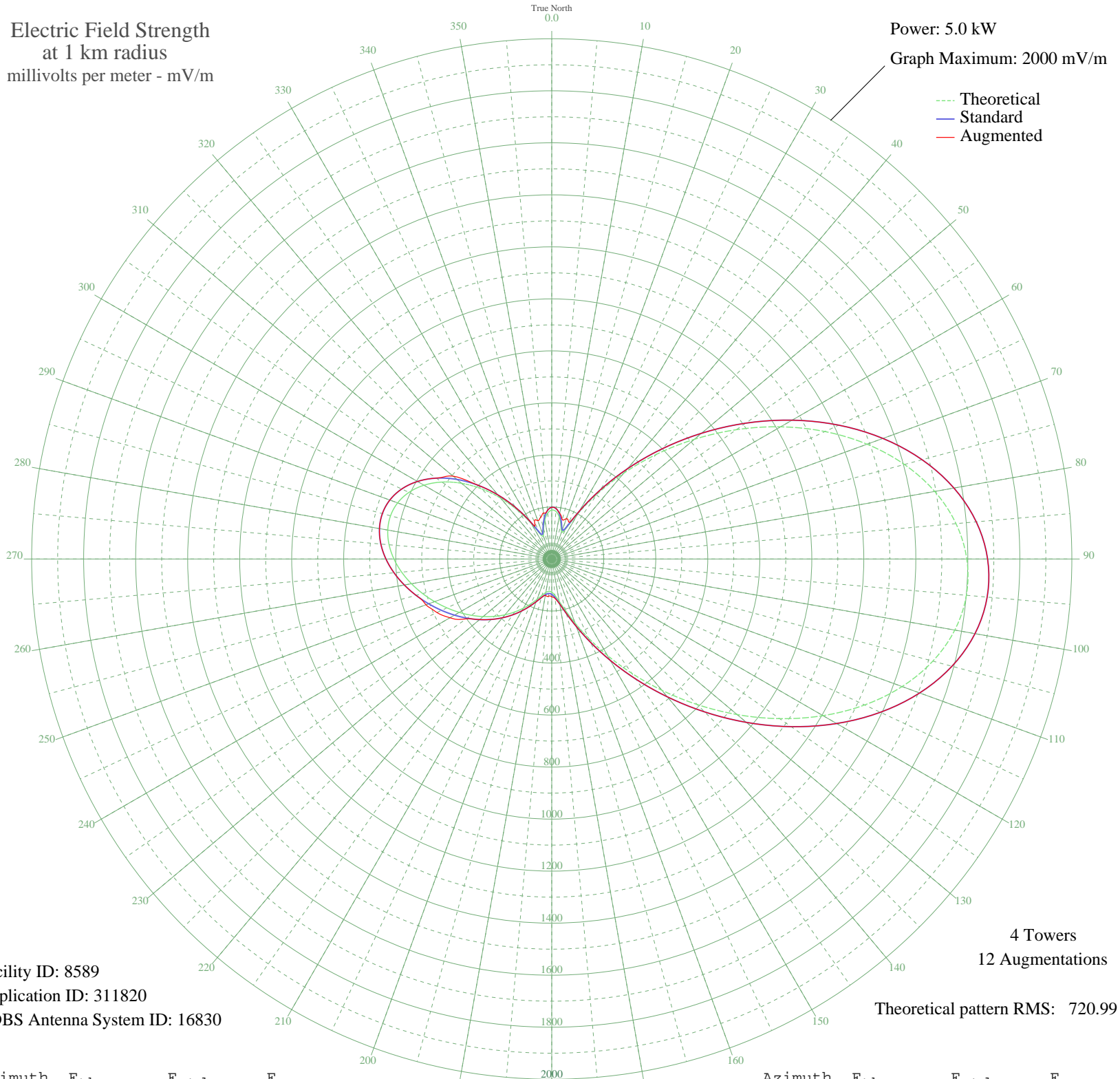


WTKS SAVANNAH, GA BL-- 1290 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 8589
Application ID: 311820
CDBS Antenna System ID: 16830

4 Towers
12 Augmentations
Theoretical pattern RMS: 720.99

Azimuth	E _{theo}	E _{std}	E _{aug}
0	188.03	198.82	198.82
5	183.80	194.42	194.42
10	164.69	174.51	178.19
15	134.97	143.65	156.48
20	110.85	118.74	164.93
25	129.31	137.79	155.81
30	201.37	212.74	212.74
35	305.96	322.12	322.12
40	430.57	452.71	452.71
45	568.82	597.73	597.73
50	715.79	751.95	751.95
55	866.66	910.29	910.29
60	1016.31	1067.38	1067.38
65	1159.39	1217.59	1217.59
70	1290.43	1355.16	1355.16
75	1404.10	1474.49	1474.49
80	1495.49	1570.44	1570.44
85	1560.51	1638.70	1638.70
90	1596.09	1676.06	1676.06
95	1600.58	1680.77	1680.77
100	1573.80	1652.66	1652.66
105	1517.22	1593.25	1593.25
110	1433.78	1505.66	1505.66
115	1327.80	1394.39	1394.39
120	1204.59	1265.04	1265.04
125	1070.08	1123.83	1123.83
130	930.39	977.19	977.19
135	791.45	831.36	831.36
140	658.59	691.92	691.92
145	536.30	563.60	563.60
150	428.02	450.04	450.04
155	336.13	353.72	353.72
160	261.86	275.95	275.95
165	205.32	216.86	216.86
170	165.51	175.36	175.36
175	140.39	149.27	152.89

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	127.50	135.91	144.84
185	124.73	133.05	143.60
190	130.76	139.30	142.07
195	144.55	153.58	153.58
200	164.76	174.59	174.59
205	189.84	200.71	200.71
210	218.22	230.33	230.33
215	248.61	262.09	262.09
220	280.08	295.02	295.02
225	312.11	328.55	328.55
230	344.48	362.47	362.47
235	377.25	396.81	401.21
240	410.58	431.75	451.72
245	444.58	467.40	487.06
250	479.15	503.66	514.73
255	513.84	540.04	540.04
260	547.72	575.58	575.58
265	579.34	608.76	608.76
270	606.80	637.58	637.58
275	627.90	659.71	659.71
280	640.28	672.70	672.70
285	641.79	674.29	674.29
290	630.68	662.63	662.63
295	605.92	636.64	636.64
300	567.32	596.15	596.15
305	515.69	541.98	541.98
310	452.82	476.04	495.58
315	381.40	401.15	401.15
320	305.00	321.11	321.11
325	228.22	240.78	240.78
330	157.67	167.21	167.21
335	105.97	113.72	156.44
340	94.84	102.31	157.05
345	120.30	128.48	165.47
350	152.67	162.02	179.73
355	177.02	187.35	187.35