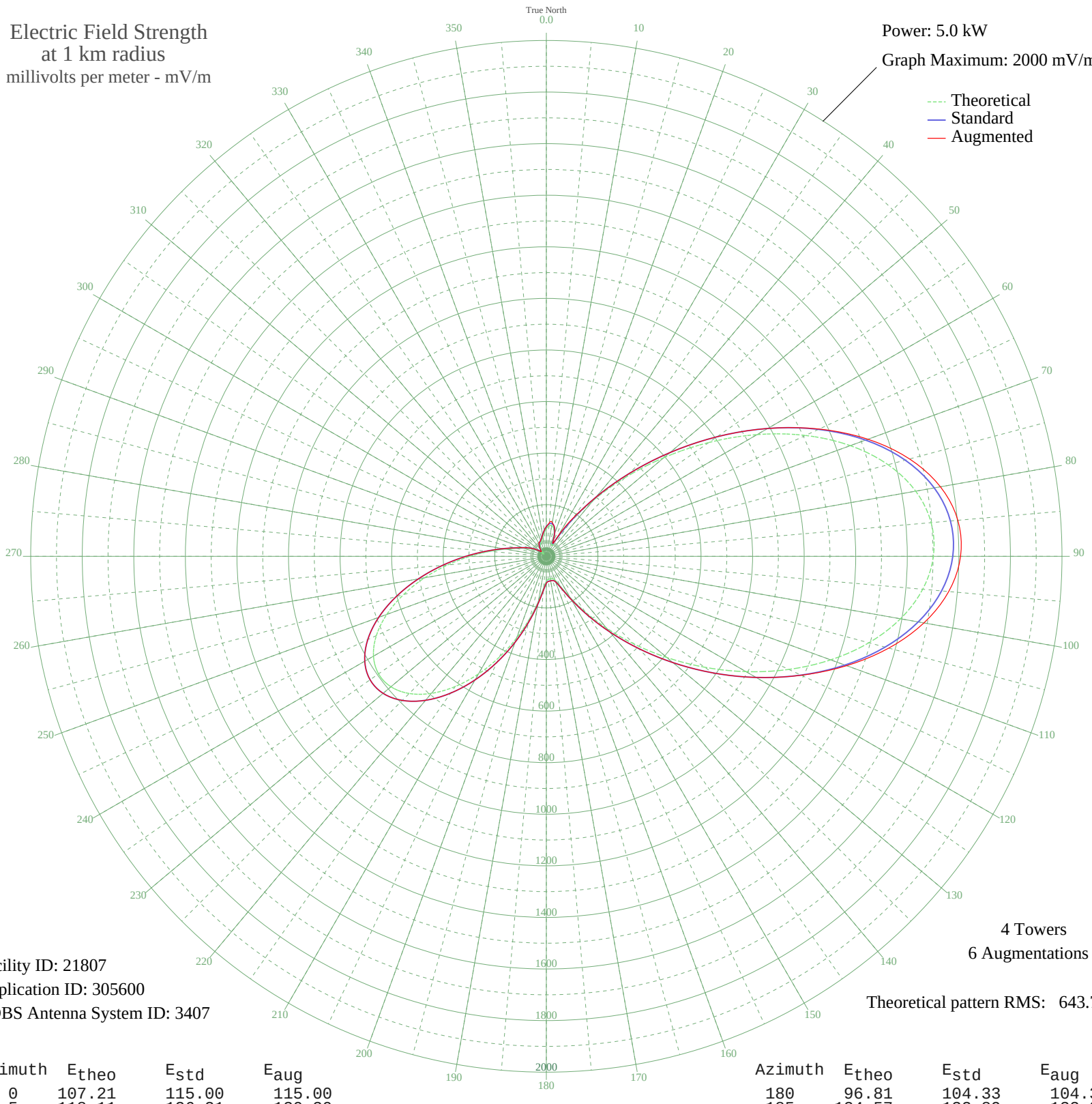
WRFV VALDOSTA, GA BL-- 910 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
6 Augmentations

Facility ID: 21807
Application ID: 305600
CDBS Antenna System ID: 3407

Theoretical pattern RMS: 643.74

Azimuth	E_{theo}	E_{std}	E_{aug}
0	107.21	115.00	115.00
5	118.11	126.21	130.30
10	120.68	128.87	132.90
15	110.75	118.64	118.87
20	85.43	92.72	93.45
25	50.73	58.21	60.06
30	70.44	77.60	84.74
35	160.92	170.59	181.08
40	283.92	299.04	299.45
45	430.80	452.95	453.13
50	595.19	625.39	625.46
55	769.31	808.12	808.13
60	943.93	991.41	991.41
65	1109.03	1164.72	1167.68
70	1254.72	1317.67	1327.35
75	1372.23	1441.03	1458.54
80	1454.76	1527.68	1552.10
85	1498.16	1573.25	1602.18
90	1501.17	1576.40	1606.58
95	1465.36	1538.81	1566.66
100	1394.75	1464.68	1487.04
105	1295.22	1360.18	1374.95
110	1173.73	1232.64	1239.51
115	1037.65	1089.79	1090.95
120	894.17	939.17	939.17
125	749.81	787.65	787.65
130	610.21	641.15	641.15
135	480.08	504.63	504.63
140	363.29	382.17	382.17
145	263.18	277.34	277.34
150	183.13	193.72	193.72
155	127.09	135.50	135.50
160	97.89	105.43	105.43
165	89.71	97.08	97.08
170	89.02	96.37	96.41
175	89.28	96.64	98.28

Azimuth	E_{theo}	E_{std}	E_{aug}
180	96.81	104.33	104.33
185	124.57	132.89	132.89
190	177.19	187.53	187.53
195	250.06	263.61	263.61
200	336.82	354.44	354.44
205	431.20	453.37	453.37
210	526.67	553.50	553.50
215	616.43	647.68	647.68
220	693.69	728.75	728.75
225	752.18	790.14	790.14
230	786.86	826.53	826.53
235	794.49	834.55	834.55
240	774.17	813.22	813.22
245	727.52	764.25	764.25
250	658.60	691.93	691.93
255	573.50	602.63	602.63
260	479.58	504.11	504.11
265	384.69	404.61	404.61
270	296.20	311.89	311.89
275	220.22	232.43	232.43
280	160.77	170.44	170.44
285	118.70	126.83	126.83
290	90.73	98.12	98.12
295	70.55	77.71	77.71
300	52.46	59.88	59.88
305	34.08	42.80	42.80
310	17.05	29.53	29.53
315	13.97	27.69	27.69
320	26.53	36.43	36.43
325	38.47	46.72	46.72
330	47.03	54.68	58.13
335	52.82	60.22	61.08
340	58.08	65.35	65.35
345	65.76	72.93	72.93
350	77.51	84.70	84.70
355	92.34	99.76	99.76

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission