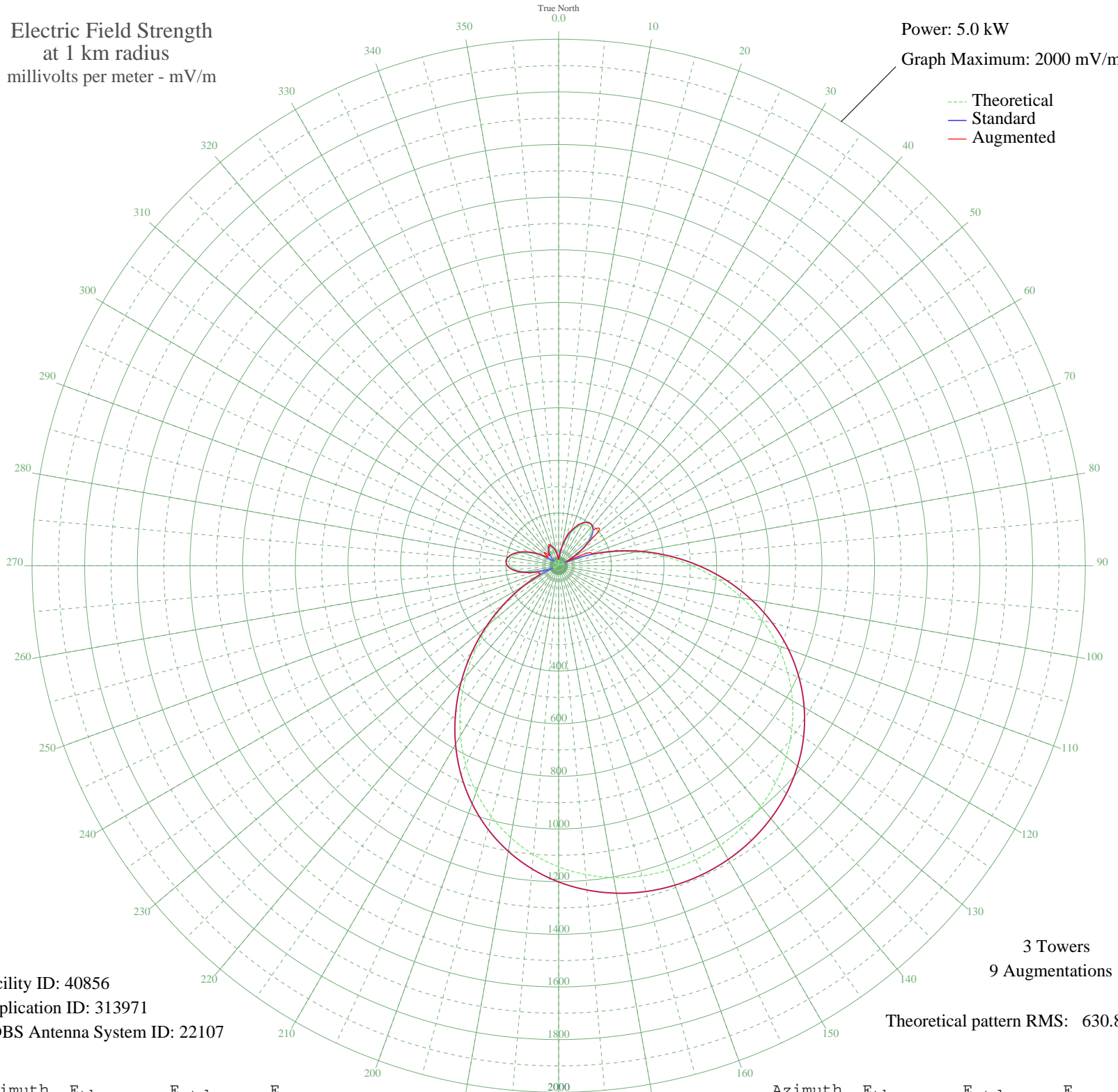


WRGA ROME, GA BL-- 1470 kHz

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

Facility ID: 40856
Application ID: 313971
CDBS Antenna System ID: 22107

3 Towers
9 Augmentations

Theoretical pattern RMS: 630.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3.48	23.76	23.76
5	34.53	43.19	43.19
10	67.61	74.77	74.77
15	100.77	108.38	117.47
20	131.81	140.38	142.26
25	158.36	167.93	167.93
30	178.03	188.40	188.40
35	188.46	199.28	199.28
40	187.59	198.36	198.36
45	173.69	183.88	197.89
50	145.61	154.68	184.58
55	102.84	110.50	110.82
60	45.59	53.32	54.83
65	25.16	35.35	96.67
70	107.78	115.58	133.16
75	200.02	211.33	211.68
80	299.22	315.06	315.14
85	402.46	423.23	423.24
90	506.79	532.64	532.64
95	609.39	640.29	640.29
100	707.79	743.55	743.55
105	799.89	840.21	840.21
110	884.12	928.62	928.62
115	959.41	1007.65	1007.65
120	1025.17	1076.69	1076.69
125	1081.23	1135.53	1135.53
130	1127.73	1184.35	1184.35
135	1165.04	1223.52	1223.52
140	1193.64	1253.55	1253.55
145	1214.04	1274.96	1274.96
150	1226.66	1288.20	1288.20
155	1231.80	1293.60	1293.60
160	1229.60	1291.29	1291.29
165	1220.00	1281.21	1281.21
170	1202.76	1263.12	1263.12
175	1177.50	1236.60	1236.60

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1143.73	1201.15	1201.15
185	1100.96	1156.25	1156.25
190	1048.76	1101.45	1101.45
195	986.88	1036.49	1036.49
200	915.35	961.41	961.41
205	834.60	876.64	876.64
210	745.48	783.11	783.11
215	649.38	682.26	682.26
220	548.18	576.07	576.07
225	444.22	467.02	467.02
230	340.20	357.98	358.51
235	239.03	252.08	254.03
240	143.67	152.67	157.96
245	56.90	64.19	81.11
250	18.83	30.70	80.04
255	81.64	88.88	99.31
260	130.27	138.78	143.71
265	164.20	174.00	176.07
270	183.67	194.27	194.79
275	189.58	200.44	200.44
280	183.43	194.03	194.03
285	167.19	177.11	177.11
290	143.11	152.08	152.08
295	113.57	121.54	122.22
300	80.99	88.22	91.48
305	47.62	55.24	64.24
310	15.54	28.59	58.90
315	13.47	27.41	67.41
320	37.92	46.22	57.42
325	56.65	63.95	69.11
330	68.83	75.99	77.51
335	73.93	81.10	87.75
340	71.74	78.90	79.64
345	62.34	69.54	69.54
350	46.15	53.85	53.85
355	23.87	34.34	34.34