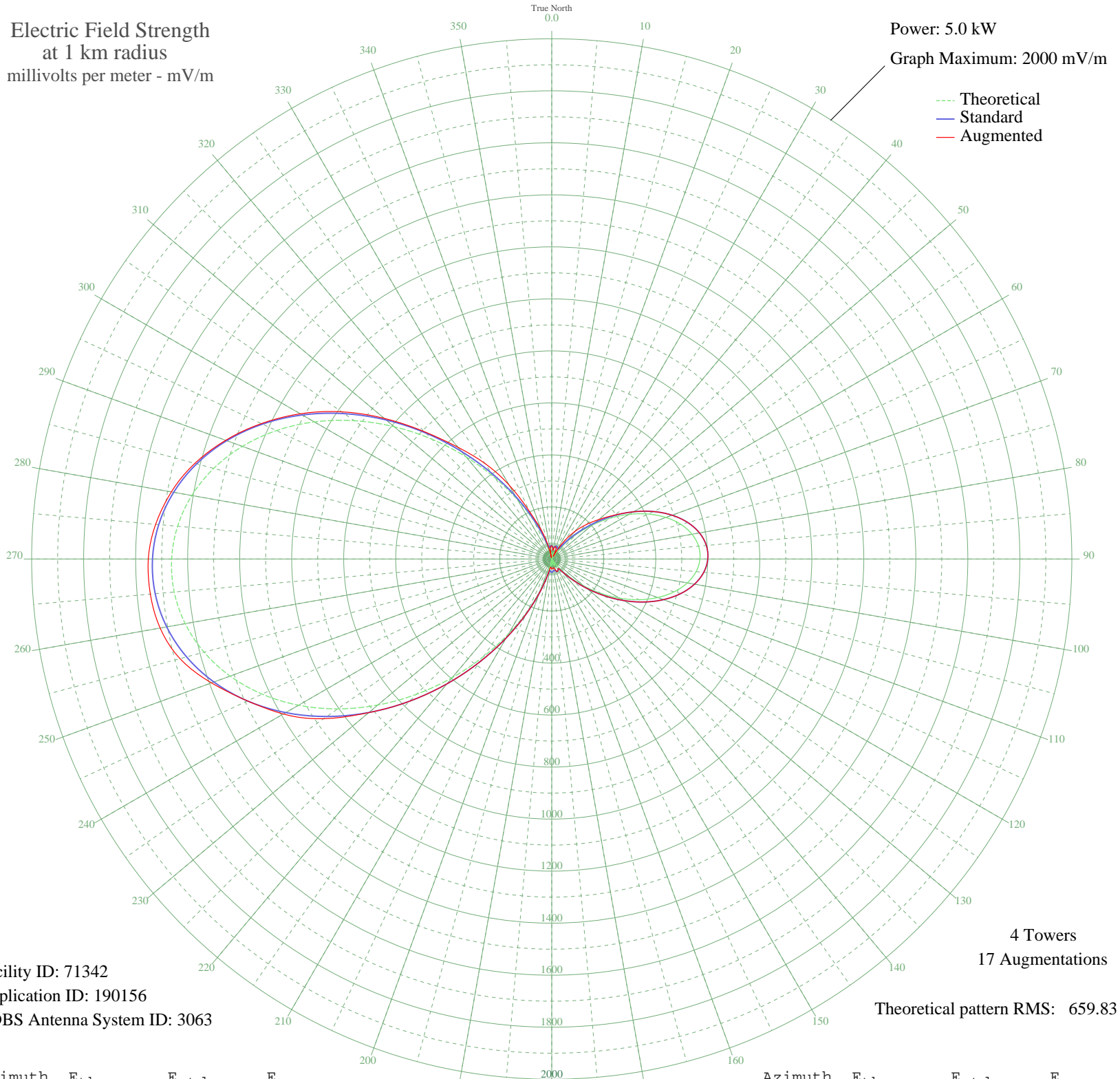


# WDMG DOUGLAS, GA BL-19930922AC 860 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 71342  
Application ID: 190156  
CDBS Antenna System ID: 3063

4 Towers  
17 Augmentations  
Theoretical pattern RMS: 659.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	23.41	50.25	50.25
5	10.80	45.27	43.46
10	6.07	44.28	36.64
15	20.91	49.01	48.50
20	28.18	52.88	47.63
25	23.70	50.39	36.04
30	4.96	44.13	21.45
35	28.69	53.18	82.85
40	76.21	91.24	137.77
45	135.14	148.51	186.47
50	201.98	216.56	235.70
55	272.69	289.66	293.93
60	343.06	362.86	362.86
65	409.04	431.72	431.72
70	467.05	492.36	492.36
75	514.09	541.58	541.58
80	547.87	576.93	576.93
85	566.78	596.73	596.73
90	569.96	600.06	600.06
95	557.28	586.78	586.78
100	529.30	557.49	557.49
105	487.33	513.57	513.57
110	433.38	457.16	457.16
115	370.19	391.16	391.16
120	301.11	319.19	319.19
125	230.04	245.48	245.48
130	161.14	174.78	174.78
135	98.59	112.41	112.41
140	46.15	65.33	65.33
145	6.73	44.39	44.39
150	17.99	47.72	47.72
155	27.98	52.76	52.67
160	25.00	51.08	48.21
165	12.58	45.77	37.72
170	4.20	44.04	33.92
175	19.29	48.28	37.16

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	26.28	51.79	38.83
185	19.20	48.24	33.19
190	6.78	44.40	34.82
195	54.78	72.31	71.19
200	125.89	139.26	139.26
205	219.08	234.17	234.17
210	331.44	350.76	350.76
215	458.56	483.47	483.47
220	595.08	626.37	626.37
225	735.25	773.26	773.26
230	873.46	918.17	918.94
235	1004.56	1055.70	1070.45
240	1124.22	1181.25	1191.95
245	1228.96	1291.15	1291.15
250	1316.16	1382.67	1392.61
255	1384.00	1453.86	1480.09
260	1431.26	1503.47	1529.16
265	1457.24	1530.73	1549.48
270	1461.58	1535.29	1551.48
275	1444.24	1517.08	1529.02
280	1405.42	1476.34	1485.36
285	1345.70	1413.67	1420.78
290	1266.06	1330.09	1334.38
295	1168.07	1227.26	1231.88
300	1054.01	1107.58	1116.52
305	927.01	974.35	986.53
310	791.07	831.78	841.29
315	651.03	684.99	692.02
320	512.35	539.75	560.51
325	380.80	402.23	448.92
330	261.94	278.51	328.69
335	160.64	174.27	198.91
340	80.46	95.18	119.42
345	23.23	50.15	50.77
350	11.30	45.40	18.51
355	25.44	51.32	46.70