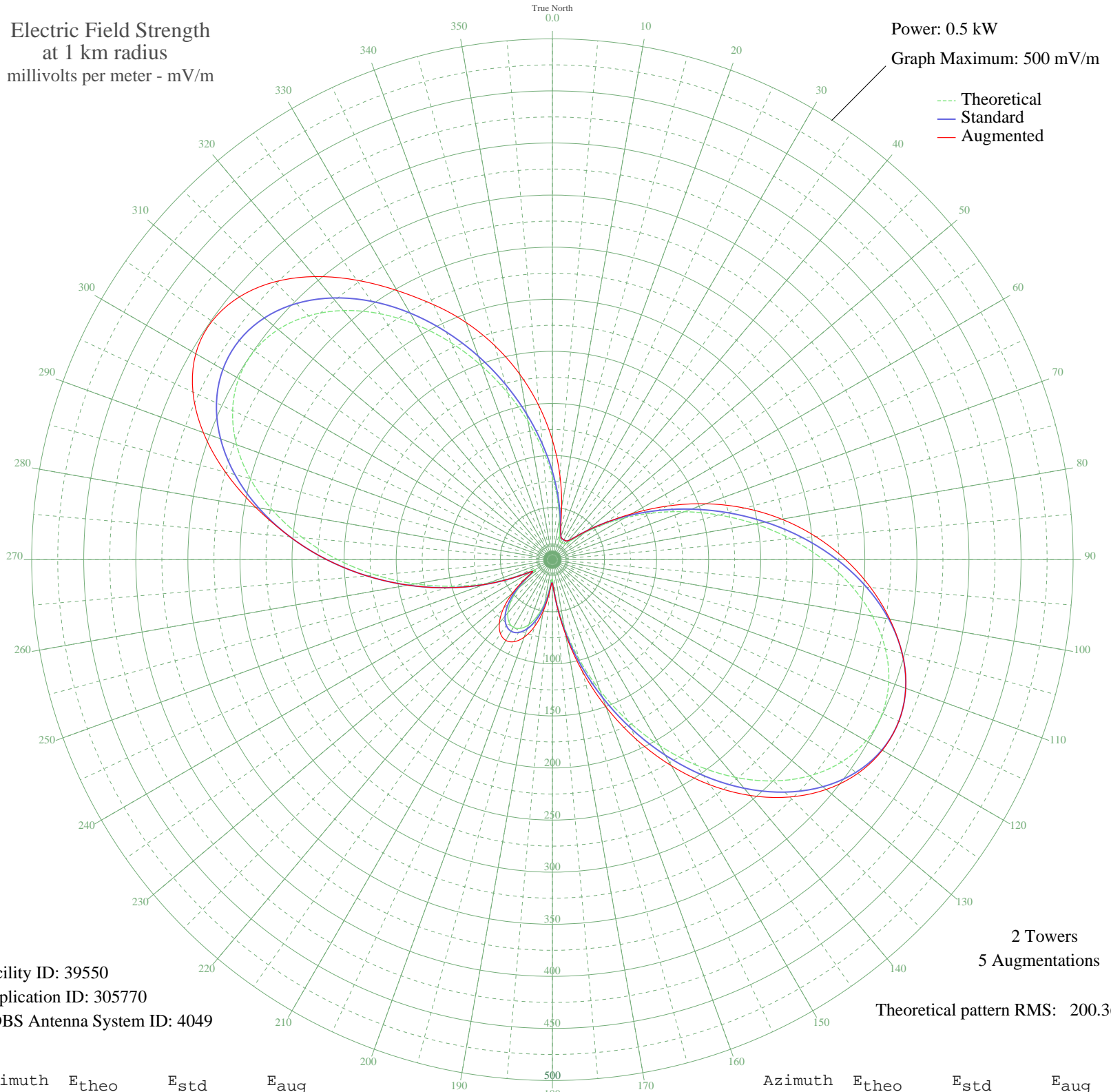


WAMD ABERDEEN, MD BL-- 970 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 39550
Application ID: 305770
CDBS Antenna System ID: 4049

2 Towers
5 Augmentations
Theoretical pattern RMS: 200.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	79.89	84.54	114.81
5	57.62	61.40	81.81
10	39.75	43.04	51.19
15	27.13	30.36	30.36
20	20.44	23.89	23.89
25	18.54	22.12	22.12
30	18.41	21.99	21.99
35	18.54	22.12	22.12
40	20.44	23.89	23.89
45	27.13	30.36	30.36
50	39.75	43.04	43.04
55	57.62	61.40	61.40
60	79.89	84.54	88.33
65	105.82	111.61	121.78
70	134.68	141.81	156.87
75	165.61	174.21	191.22
80	197.62	207.77	223.70
85	229.57	241.27	253.83
90	260.18	273.39	281.50
95	288.15	302.74	306.64
100	312.17	327.95	328.95
105	331.02	347.73	347.73
110	343.69	361.03	361.03
115	349.42	367.04	367.04
120	347.81	365.35	365.87
125	338.81	355.91	357.88
130	322.78	339.08	343.20
135	300.40	315.59	322.21
140	272.66	286.49	295.51
145	240.79	253.04	263.93
150	206.10	216.66	228.46
155	169.97	178.78	190.22
160	133.75	140.83	150.49
165	98.68	104.15	110.70
170	66.02	70.11	72.75
175	37.46	40.72	40.72

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	19.14	22.68	22.68
185	25.96	29.21	31.11
190	42.03	45.36	49.85
195	56.10	59.84	66.60
200	66.49	70.60	79.16
205	72.80	77.15	86.88
210	74.91	79.35	89.48
215	72.80	77.15	86.88
220	66.49	70.60	79.16
225	56.10	59.84	66.60
230	42.03	45.36	49.85
235	25.96	29.21	31.11
240	19.14	22.68	22.68
245	37.46	40.72	40.72
250	66.02	70.11	70.11
255	98.68	104.15	104.15
260	133.75	140.83	140.83
265	169.97	178.78	178.78
270	206.10	216.66	216.66
275	240.79	253.04	253.04
280	272.66	286.49	289.34
285	300.40	315.59	325.16
290	322.78	339.08	356.69
295	338.81	355.91	380.86
300	347.81	365.35	395.41
305	349.42	367.04	399.04
310	343.69	361.03	392.40
315	331.02	347.73	377.13
320	312.17	327.95	354.74
325	288.15	302.74	327.53
330	260.18	273.39	298.31
335	229.57	241.27	270.13
340	197.62	207.77	242.27
345	165.61	174.21	212.39
350	134.68	141.81	180.87
355	105.82	111.61	148.15