

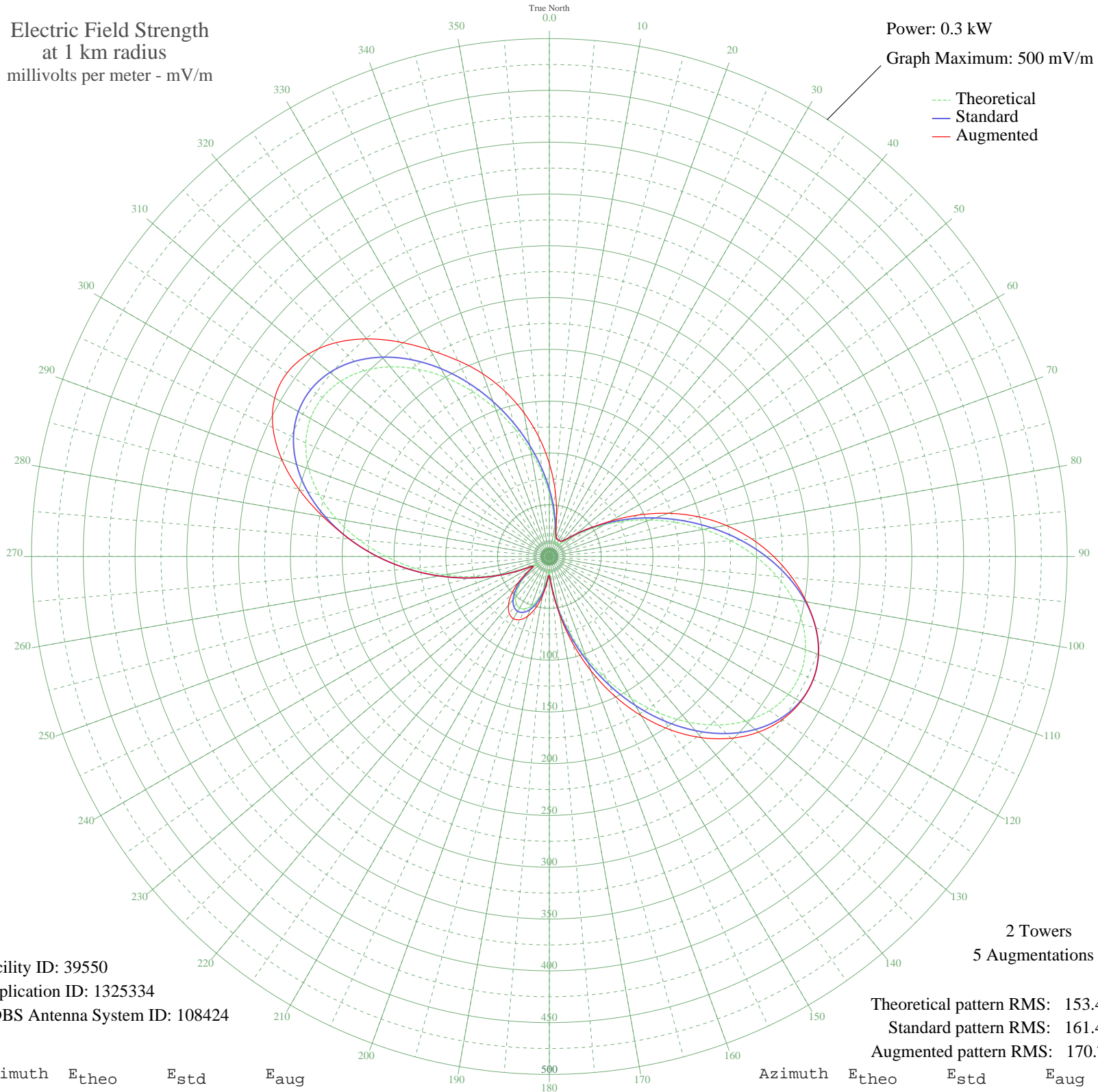
WAMD ABERDEEN, MD BML-20090723AGK 970 kHz

Daytime

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

Power: 0.3 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 39550
Application ID: 1325334
CDBS Antenna System ID: 108424

Theoretical pattern RMS: 153.41
Standard pattern RMS: 161.43
Augmented pattern RMS: 170.76

Azimuth	E _{theo}	E _{std}	E _{aug}
0	61.17	65.08	89.83
5	44.12	47.50	64.13
10	30.43	33.64	40.25
15	20.77	24.21	24.21
20	15.65	19.50	19.50
25	14.20	18.23	18.23
30	14.09	18.14	18.14
35	14.20	18.23	18.23
40	15.65	19.50	19.50
45	20.77	24.21	24.21
50	30.43	33.64	33.64
55	44.12	47.50	47.50
60	61.17	65.08	68.42
65	81.03	85.72	94.67
70	103.12	108.79	122.04
75	126.81	133.56	148.54
80	151.31	159.23	173.28
85	175.77	184.86	195.96
90	199.21	209.44	216.62
95	220.63	231.90	235.36
100	239.02	251.19	252.08
105	253.45	266.33	266.33
110	263.15	276.51	276.51
115	267.54	281.12	281.12
120	266.31	279.82	280.32
125	259.42	272.59	274.52
130	247.14	259.71	263.73
135	230.01	241.73	248.18
140	208.77	219.46	228.24
145	184.36	193.87	204.44
150	157.80	166.03	177.47
155	130.14	137.05	148.13
160	102.41	108.04	117.38
165	75.56	80.03	86.36
170	50.55	54.11	56.65
175	28.69	31.90	31.90

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	14.66	18.63	18.63
185	19.88	23.37	24.85
190	32.18	35.38	38.97
195	42.96	46.31	51.75
200	50.91	54.48	61.38
205	55.74	59.46	67.31
210	57.35	61.13	69.31
215	55.74	59.46	67.31
220	50.91	54.48	61.38
225	42.96	46.31	51.75
230	32.18	35.38	38.97
235	19.88	23.37	24.85
240	14.66	18.63	18.63
245	28.69	31.90	31.90
250	50.55	54.11	54.11
255	75.56	80.03	80.03
260	102.41	108.04	108.04
265	130.14	137.05	137.05
270	157.80	166.03	166.03
275	184.36	193.87	193.87
280	208.77	219.46	221.97
285	230.01	241.73	250.13
290	247.14	259.71	275.16
295	259.42	272.59	294.45
300	266.31	279.82	306.13
305	267.54	281.12	309.11
310	263.15	276.51	303.91
315	253.45	266.33	291.86
320	239.02	251.19	274.21
325	220.63	231.90	252.86
330	199.21	209.44	230.17
335	175.77	184.86	208.68
340	151.31	159.23	187.66
345	126.81	133.56	164.96
350	103.12	108.79	140.86
355	81.03	85.72	115.66