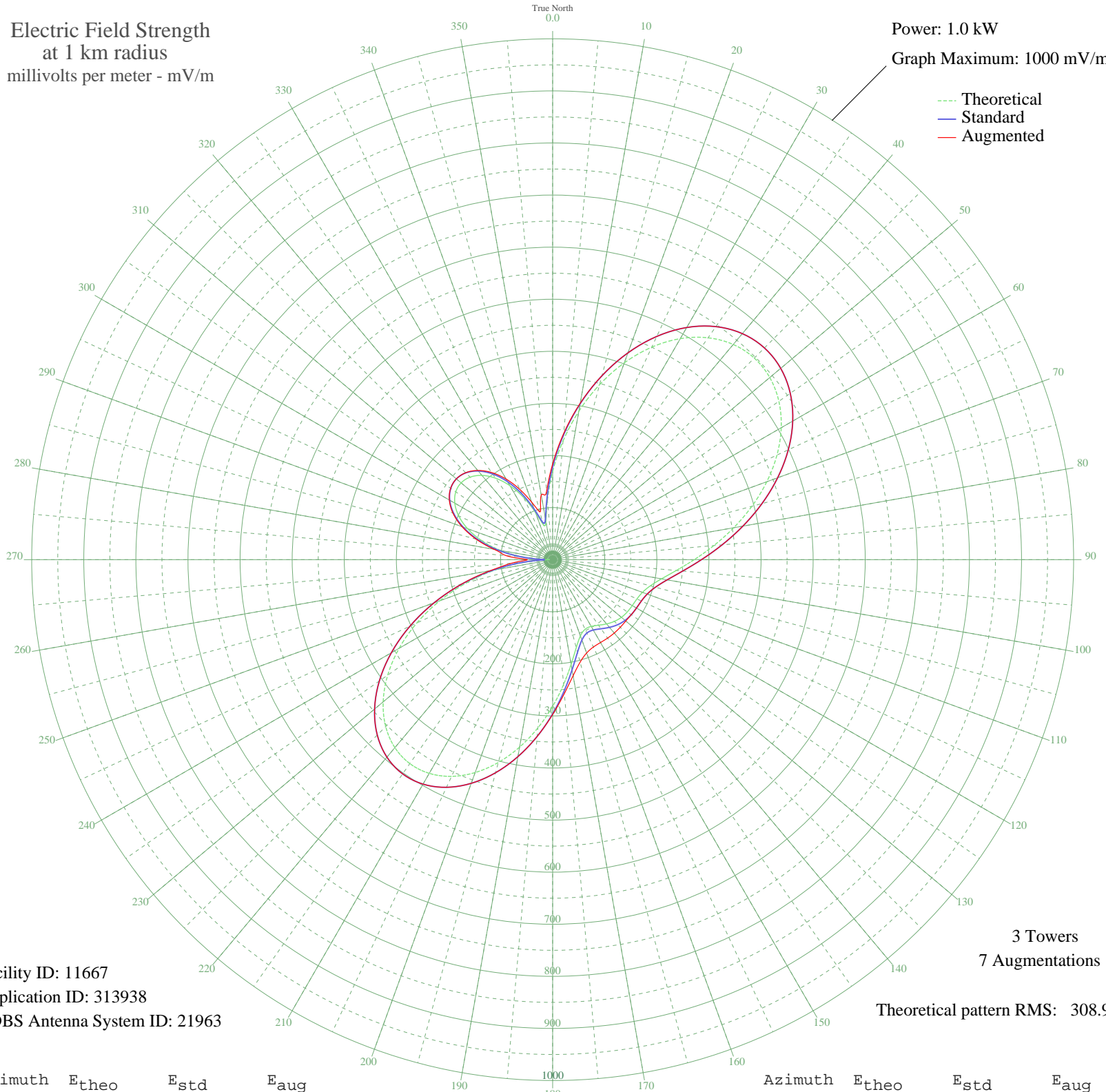


WEMD EASTON, MD BL-- 1460 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 11667
Application ID: 313938
CDBS Antenna System ID: 21963

3 Towers
7 Augmentations

Theoretical pattern RMS: 308.99

Azimuth	E _{theo}	E _{std}	E _{aug}
0	169.13	178.15	183.90
5	228.67	240.51	243.25
10	289.15	303.93	304.98
15	347.78	365.44	365.67
20	402.17	422.51	422.51
25	450.19	472.91	472.91
30	489.98	514.67	514.67
35	520.05	546.23	546.23
40	539.35	566.49	566.49
45	547.35	574.89	574.89
50	544.08	571.46	571.46
55	530.14	556.82	556.82
60	506.62	532.14	532.14
65	475.10	499.05	499.05
70	437.48	459.57	459.57
75	395.95	415.99	415.99
80	352.87	370.78	370.78
85	310.65	326.49	326.49
90	271.72	285.65	285.65
95	238.29	250.60	250.60
100	212.15	223.20	223.20
105	194.08	204.27	204.27
110	183.50	193.19	193.19
115	178.47	187.92	187.92
120	176.41	185.76	185.76
125	174.91	184.19	184.19
130	172.25	181.41	183.27
135	167.59	176.54	183.54
140	161.01	169.65	183.91
145	153.66	161.96	183.83
150	147.95	155.99	183.69
155	147.44	155.45	185.07
160	155.81	164.20	190.72
165	174.95	184.23	203.73
170	204.06	214.73	226.17
175	240.61	253.04	257.97

Azimuth	E _{theo}	E _{std}	E _{aug}
180	281.59	296.01	297.15
185	324.10	340.59	340.59
190	365.44	383.97	383.97
195	403.15	423.54	423.54
200	435.00	456.97	456.97
205	459.06	482.22	482.22
210	473.76	497.65	497.65
215	477.99	502.09	502.09
220	471.16	494.92	494.92
225	453.23	476.10	476.10
230	424.69	446.15	446.15
235	386.56	406.13	406.13
240	340.26	357.55	357.55
245	287.55	302.26	302.26
250	230.38	242.31	242.31
255	170.76	179.85	180.70
260	110.69	117.08	121.47
265	52.05	56.43	79.73
270	5.78	15.33	48.28
275	55.45	59.90	90.14
280	101.31	107.31	113.87
285	140.93	148.64	151.96
290	173.65	182.88	185.07
295	199.06	209.49	211.12
300	216.89	228.17	229.06
305	227.02	238.79	239.04
310	229.40	241.28	241.28
315	224.06	235.69	236.05
320	211.16	222.16	223.60
325	190.95	201.00	204.26
330	164.02	172.80	178.71
335	131.56	138.85	148.47
340	96.68	102.49	117.21
345	69.58	74.40	94.55
350	74.76	79.75	126.20
355	114.69	121.24	132.15

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission