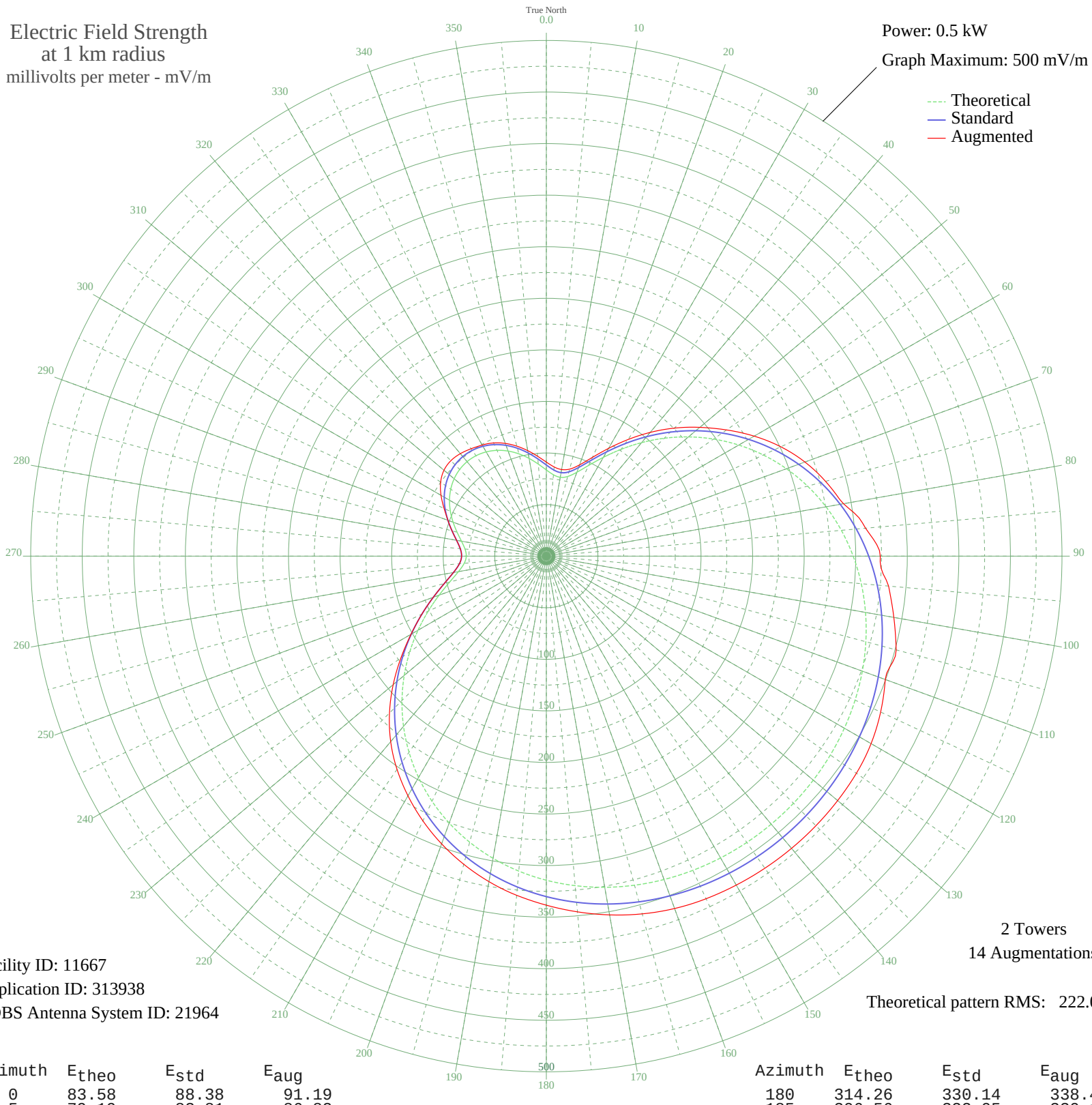
WEMD EASTON, MD BL-- 1460 kHz

Nighttime



Facility ID: 11667
Application ID: 313938
CDBS Antenna System ID: 21964

2 Towers
14 Augmentations

Theoretical pattern RMS: 222.09

Azimuth	E_{theo}	E_{std}	E_{aug}
0	83.58	88.38	91.19
5	79.19	83.81	86.82
10	77.63	82.19	85.26
15	79.95	84.60	87.33
20	86.54	91.47	94.15
25	97.04	102.43	105.62
30	110.64	116.65	120.64
35	126.44	133.18	137.98
40	143.66	151.21	156.59
45	161.65	170.06	175.55
50	179.88	189.17	194.27
55	197.93	208.09	213.35
60	215.44	226.46	232.72
65	232.13	243.97	250.89
70	247.79	260.39	266.82
75	262.24	275.56	280.27
80	275.39	289.35	292.58
85	287.16	301.70	310.72
90	297.54	312.59	323.80
95	306.56	322.05	333.13
100	314.26	330.14	342.16
105	320.73	336.93	351.20
110	326.06	342.52	349.74
115	330.34	347.02	357.66
120	333.69	350.53	363.59
125	336.18	353.14	367.03
130	337.90	354.95	368.73
135	338.91	356.01	369.66
140	339.24	356.35	369.87
145	338.91	356.01	369.41
150	337.90	354.95	368.30
155	336.18	353.14	366.53
160	333.69	350.53	363.61
165	330.34	347.02	359.11
170	326.06	342.52	353.22
175	320.73	336.93	346.23

Azimuth	E_{theo}	E_{std}	E_{aug}
180	314.26	330.14	338.45
185	306.56	322.05	330.12
190	297.54	312.59	320.48
195	287.16	301.70	309.34
200	275.39	289.35	296.90
205	262.24	275.56	283.22
210	247.79	260.39	268.35
215	232.13	243.97	252.41
220	215.44	226.46	234.82
225	197.93	208.09	215.10
230	179.88	189.17	193.86
235	161.65	170.06	172.17
240	143.66	151.21	151.49
245	126.44	133.18	133.18
250	110.64	116.65	116.65
255	97.04	102.43	102.43
260	86.54	91.47	91.47
265	79.95	84.60	84.60
270	77.63	82.19	82.19
275	79.19	83.81	83.81
280	83.58	88.38	88.38
285	89.60	94.66	94.66
290	96.20	101.56	101.56
295	102.65	108.29	109.41
300	108.42	114.32	117.91
305	113.17	119.29	125.11
310	116.69	122.97	129.57
315	118.85	125.23	130.91
320	119.58	126.00	129.71
325	118.85	125.23	127.13
330	116.69	122.97	124.39
335	113.17	119.29	121.09
340	108.42	114.32	116.31
345	102.65	108.29	110.41
350	96.20	101.56	103.87
355	89.60	94.66	97.21

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
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