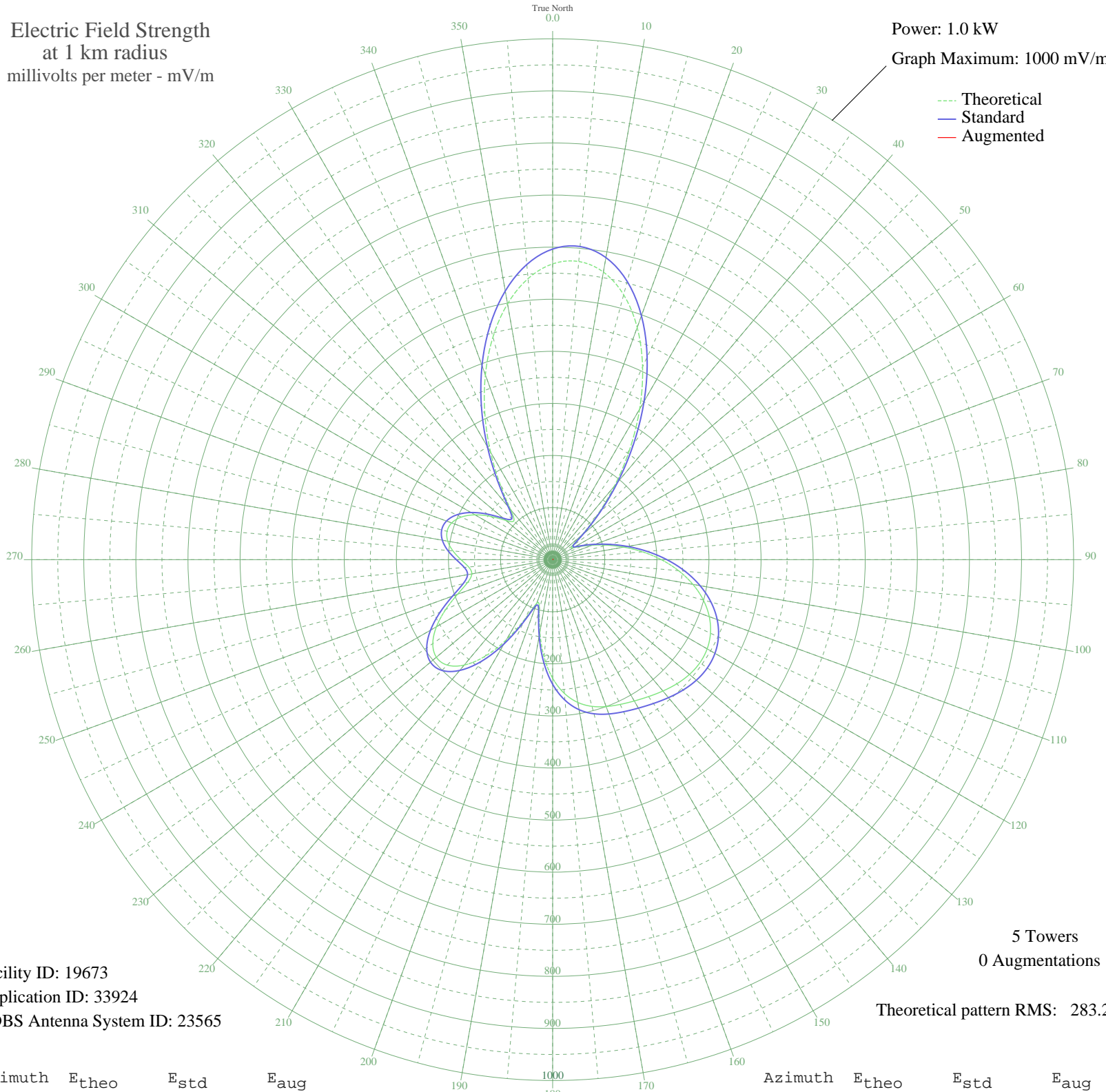


WFBR GLEN BURNIE, MD BL-19810914AK 1590 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 19673
Application ID: 33924
CDBS Antenna System ID: 23565

5 Towers
0 Augmentations

Theoretical pattern RMS: 283.24

Azimuth	E _{theo}	E _{std}	E _{aug}
0	567.89	596.38	
5	574.67	603.50	
10	560.76	588.89	
15	526.59	553.02	
20	474.48	498.31	
25	408.49	429.05	
30	334.06	350.92	
35	257.35	270.42	
40	184.51	194.02	
45	121.16	127.65	
50	72.48	76.82	
55	45.47	48.89	
60	45.65	49.07	
65	60.69	64.58	
70	81.48	86.20	
75	107.58	113.44	
80	138.70	146.01	
85	173.16	182.12	
90	208.58	219.27	
95	242.66	255.00	
100	273.44	287.30	
105	299.50	314.65	
110	319.92	336.08	
115	334.24	351.11	
120	342.47	359.74	
125	345.03	362.44	
130	342.80	360.09	
135	337.02	354.03	
140	329.22	345.84	
145	320.92	337.13	
150	313.30	329.13	
155	306.65	322.15	
160	300.09	315.27	
165	291.58	306.34	
170	278.37	292.48	
175	257.70	270.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	227.61	239.22	
185	187.87	197.55	
190	141.43	148.87	
195	98.91	104.38	
200	88.96	94.00	
205	125.22	131.90	
210	177.61	186.79	
215	226.73	238.29	
220	264.26	277.67	
225	286.25	300.74	
230	291.43	306.18	
235	280.85	295.08	
240	257.61	270.70	
245	226.61	238.17	
250	194.43	204.42	
255	169.03	177.79	
260	157.63	165.84	
265	161.82	170.23	
270	175.90	184.99	
275	192.06	201.94	
280	204.50	214.98	
285	209.81	220.55	
290	206.29	216.86	
295	193.49	203.43	
300	172.09	180.99	
305	144.53	152.12	
310	117.26	123.57	
315	105.29	111.05	
320	125.86	132.57	
325	174.80	183.84	
330	238.40	250.54	
335	307.88	323.44	
340	377.53	396.54	
345	442.62	464.87	
350	498.73	523.77	
355	541.69	568.87	

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