

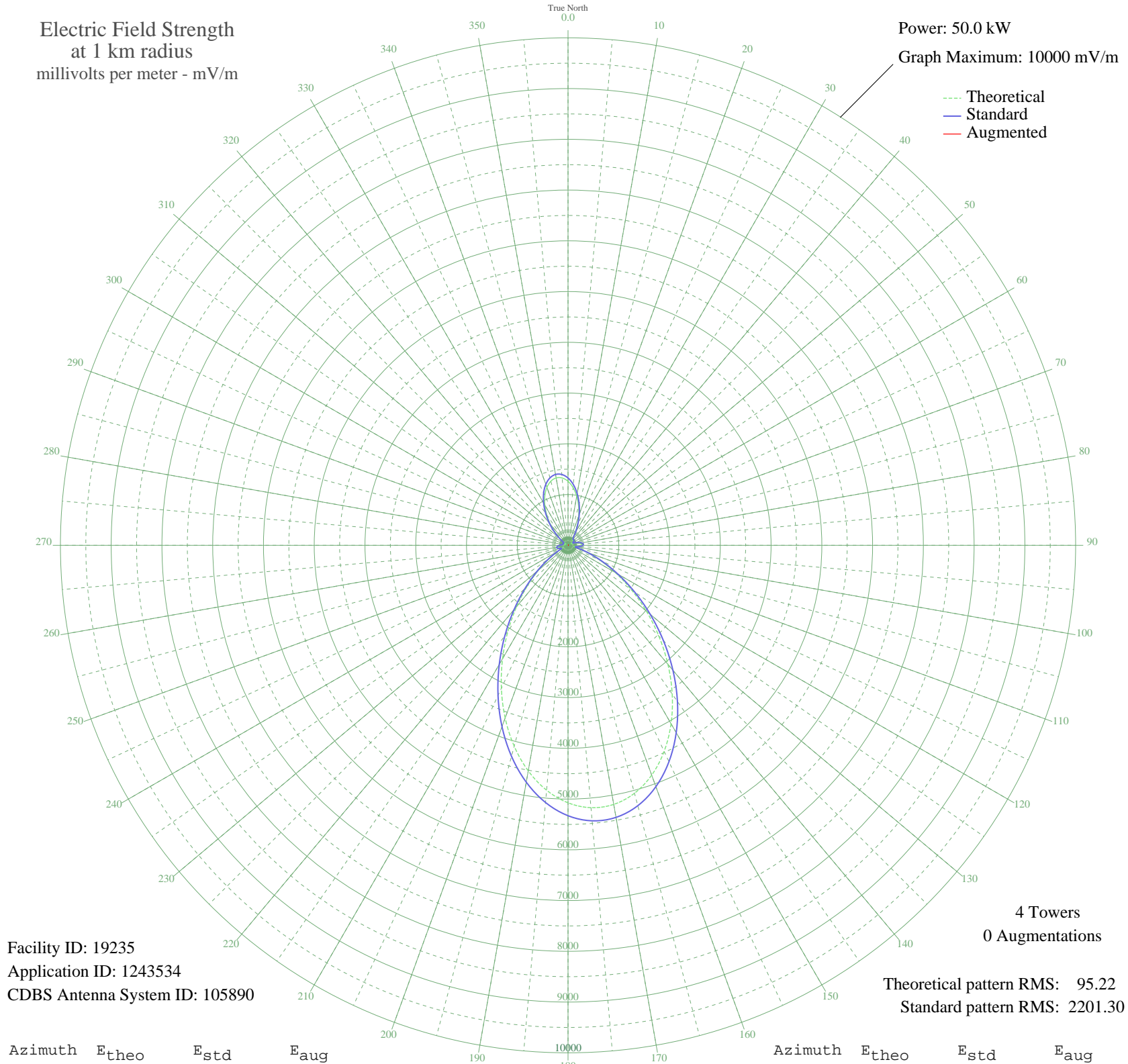
WDMV WALKERSVILLE, MD BP-20061114ABV 700 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 19235
Application ID: 1243534
CDBS Antenna System ID: 105890

Theoretical pattern RMS: 95.22
Standard pattern RMS: 2201.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1261.39	1326.65	
5	1141.94	1201.46	
10	984.21	1036.23	
15	801.97	845.52	
20	610.97	646.04	
25	427.77	455.58	
30	269.64	293.21	
35	158.12	182.70	
40	119.65	146.97	
45	130.10	156.46	
50	133.35	159.44	
55	112.32	140.45	
60	75.24	109.81	
65	67.80	104.33	
70	122.59	149.62	
75	191.04	214.60	
80	247.85	271.19	
85	278.56	302.27	
90	271.73	295.33	
95	219.69	242.96	
100	132.05	158.24	
105	156.59	181.25	
110	379.62	405.83	
115	693.60	732.26	
120	1077.70	1134.15	
125	1521.22	1599.10	
130	2011.23	2113.17	
135	2531.16	2658.81	
140	3061.05	3215.00	
145	3578.38	3758.07	
150	4059.31	4262.96	
155	4480.19	4704.82	
160	4819.28	5060.81	
165	5058.32	5311.78	
170	5184.08	5443.82	
175	5189.45	5449.46	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	5074.03	5328.28	
185	4844.26	5087.04	
190	4512.88	4739.14	
195	4097.92	4303.49	
200	3621.26	3803.09	
205	3106.93	3263.17	
210	2579.32	2709.36	
215	2061.57	2165.99	
220	1574.12	1654.58	
225	1133.75	1192.88	
230	753.17	794.49	
235	441.47	469.77	
240	208.54	231.87	
245	100.87	130.52	
250	150.25	175.23	
255	197.45	220.91	
260	206.82	230.16	
265	183.85	207.56	
270	139.93	165.54	
275	89.62	121.13	
280	55.41	95.92	
285	59.06	98.30	
290	70.04	105.95	
295	61.44	99.89	
300	43.83	89.08	
305	98.31	128.34	
310	214.01	237.30	
315	365.32	391.09	
320	540.72	572.86	
325	727.80	767.99	
330	912.43	961.08	
335	1079.72	1136.27	
340	1215.49	1278.54	
345	1307.70	1375.20	
350	1347.88	1417.33	
355	1332.07	1400.75	

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