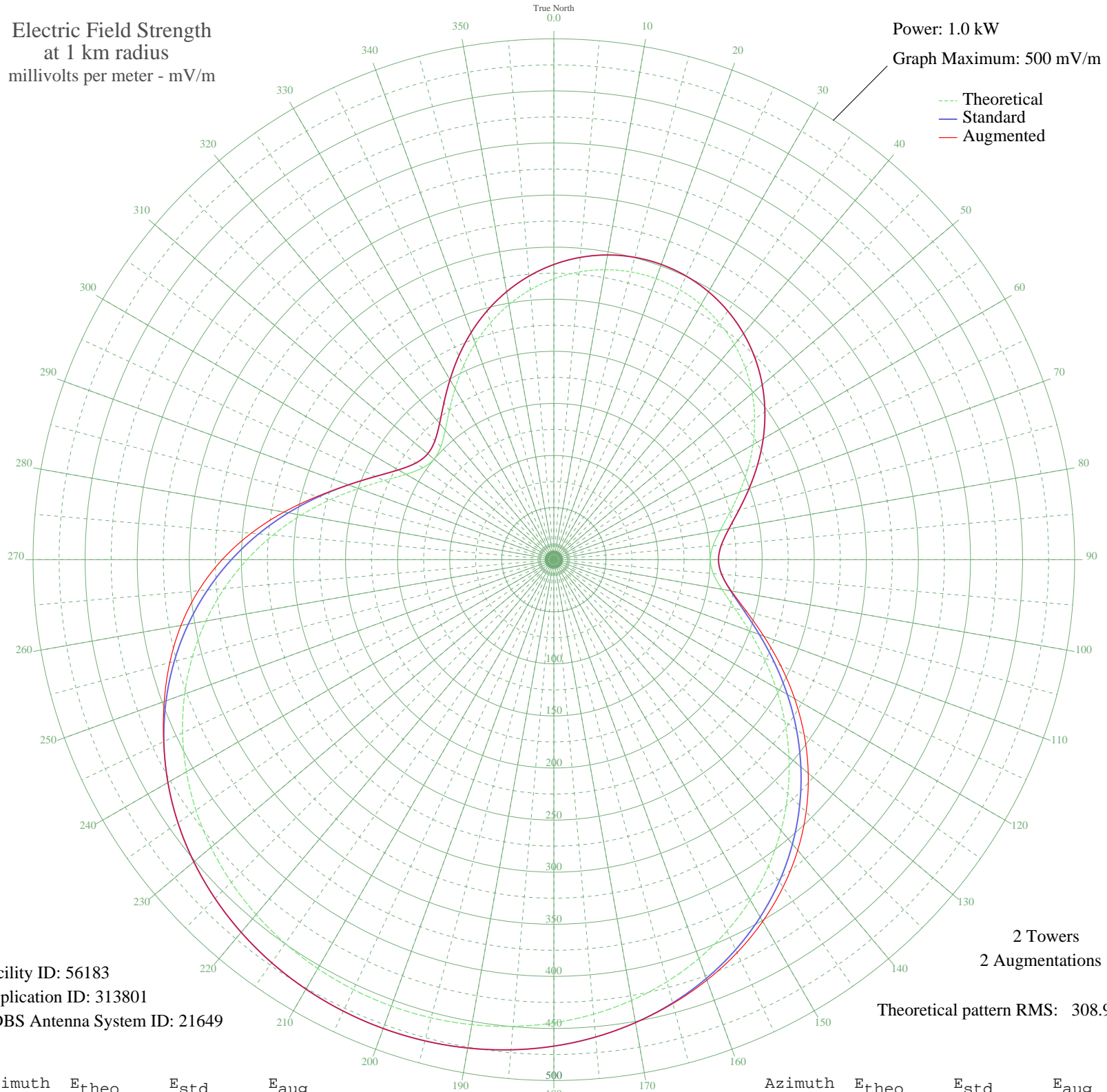


# WMVB MILLVILLE, NJ BL-- 1440 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 56183  
Application ID: 313801  
CDBS Antenna System ID: 21649

2 Towers  
2 Augmentations

Theoretical pattern RMS: 308.99

Azimuth	Etheo	Estd	Eaug
0	269.67	283.35	283.35
5	277.23	291.28	291.28
10	282.68	297.00	297.00
15	285.96	300.44	300.44
20	287.06	301.59	301.59
25	285.96	300.44	300.44
30	282.68	297.00	297.00
35	277.23	291.28	291.28
40	269.67	283.35	283.35
45	260.07	273.28	273.28
50	248.57	261.21	261.21
55	235.37	247.37	247.37
60	220.81	232.08	232.08
65	205.35	215.87	215.87
70	189.70	199.46	199.46
75	174.87	183.92	183.92
80	162.23	170.66	170.66
85	153.46	161.47	161.47
90	150.24	158.10	158.10
95	153.70	161.72	161.72
100	163.85	172.36	173.05
105	179.67	188.95	191.36
110	199.66	209.91	214.45
115	222.31	233.66	240.21
120	246.32	258.85	266.97
125	270.70	284.43	293.47
130	294.68	309.59	318.85
135	317.67	333.72	342.54
140	339.28	356.39	364.21
145	359.19	377.29	383.70
150	377.23	396.23	401.02
155	393.29	413.09	416.26
160	407.36	427.85	429.59
165	419.45	440.54	441.22
170	429.63	451.24	451.33
175	438.00	460.02	460.02

Azimuth	Etheo	Estd	Eaug
180	444.66	467.02	467.02
185	449.72	472.32	472.32
190	453.25	476.03	476.03
195	455.35	478.23	478.23
200	456.04	478.95	478.95
205	455.35	478.23	478.23
210	453.25	476.03	476.03
215	449.72	472.32	472.32
220	444.66	467.02	467.02
225	438.00	460.02	460.02
230	429.63	451.24	451.24
235	419.45	440.54	440.54
240	407.36	427.85	427.85
245	393.29	413.09	413.36
250	377.23	396.23	398.11
255	359.19	377.29	381.74
260	339.28	356.39	363.48
265	317.67	333.72	342.52
270	294.68	309.59	318.46
275	270.70	284.43	291.60
280	246.32	258.85	263.09
285	222.31	233.66	234.97
290	199.66	209.91	209.91
295	179.67	188.95	188.95
300	163.85	172.36	172.36
305	153.70	161.72	161.72
310	150.24	158.10	158.10
315	153.46	161.47	161.47
320	162.23	170.66	170.66
325	174.87	183.92	183.92
330	189.70	199.46	199.46
335	205.35	215.87	215.87
340	220.81	232.08	232.08
345	235.37	247.37	247.37
350	248.57	261.21	261.21
355	260.07	273.28	273.28

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission