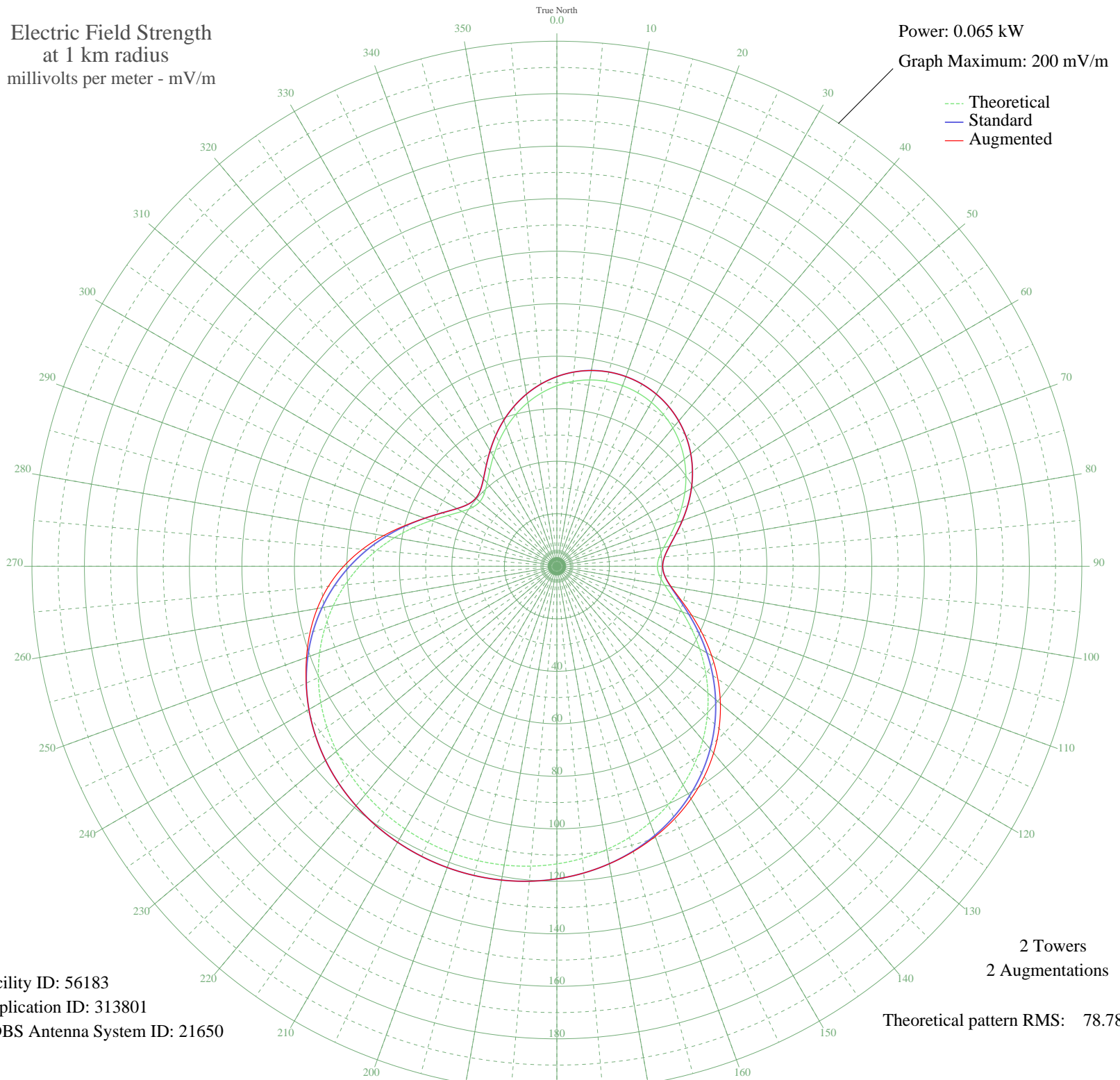


# WMVB MILLVILLE, NJ BL-- 1440 kHz

Nighttime

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

Power: 0.065 kW  
Graph Maximum: 200 mV/m



Facility ID: 56183  
Application ID: 313801  
CDBS Antenna System ID: 21650

2 Towers  
2 Augmentations  
Theoretical pattern RMS: 78.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	68.75	72.24	72.24
5	70.68	74.27	74.27
10	72.07	75.72	75.72
15	72.91	76.60	76.60
20	73.19	76.89	76.89
25	72.91	76.60	76.60
30	72.07	75.72	75.72
35	70.68	74.27	74.27
40	68.75	72.24	72.24
45	66.31	69.67	69.67
50	63.38	66.60	66.60
55	60.01	63.07	63.07
60	56.30	59.17	59.17
65	52.35	55.04	55.04
70	48.37	50.85	50.85
75	44.59	46.89	46.89
80	41.36	43.51	43.51
85	39.12	41.17	41.17
90	38.31	40.31	40.31
95	39.19	41.23	41.23
100	41.77	43.94	44.12
105	45.81	48.17	48.80
110	50.91	53.52	54.69
115	56.68	59.57	61.27
120	62.80	66.00	68.10
125	69.02	72.52	74.86
130	75.13	78.93	81.33
135	80.99	85.09	87.37
140	86.50	90.87	92.89
145	91.58	96.19	97.85
150	96.18	101.02	102.26
155	100.27	105.32	106.14
160	103.86	109.08	109.54
165	106.94	112.32	112.50
170	109.54	115.05	115.07
175	111.67	117.29	117.29

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	113.37	119.07	119.07
185	114.66	120.42	120.42
190	115.56	121.37	121.37
195	116.09	121.93	121.93
200	116.27	122.11	122.11
205	116.09	121.93	121.93
210	115.56	121.37	121.37
215	114.66	120.42	120.42
220	113.37	119.07	119.07
225	111.67	117.29	117.29
230	109.54	115.05	115.05
235	106.94	112.32	112.32
240	103.86	109.08	109.08
245	100.27	105.32	105.39
250	96.18	101.02	101.51
255	91.58	96.19	97.35
260	86.50	90.87	92.70
265	80.99	85.09	87.36
270	75.13	78.93	81.23
275	69.02	72.52	74.37
280	62.80	66.00	67.09
285	56.68	59.57	59.91
290	50.91	53.52	53.52
295	45.81	48.17	48.17
300	41.77	43.94	43.94
305	39.19	41.23	41.23
310	38.31	40.31	40.31
315	39.12	41.17	41.17
320	41.36	43.51	43.51
325	44.59	46.89	46.89
330	48.37	50.85	50.85
335	52.35	55.04	55.04
340	56.30	59.17	59.17
345	60.01	63.07	63.07
350	63.38	66.60	66.60
355	66.31	69.67	69.67