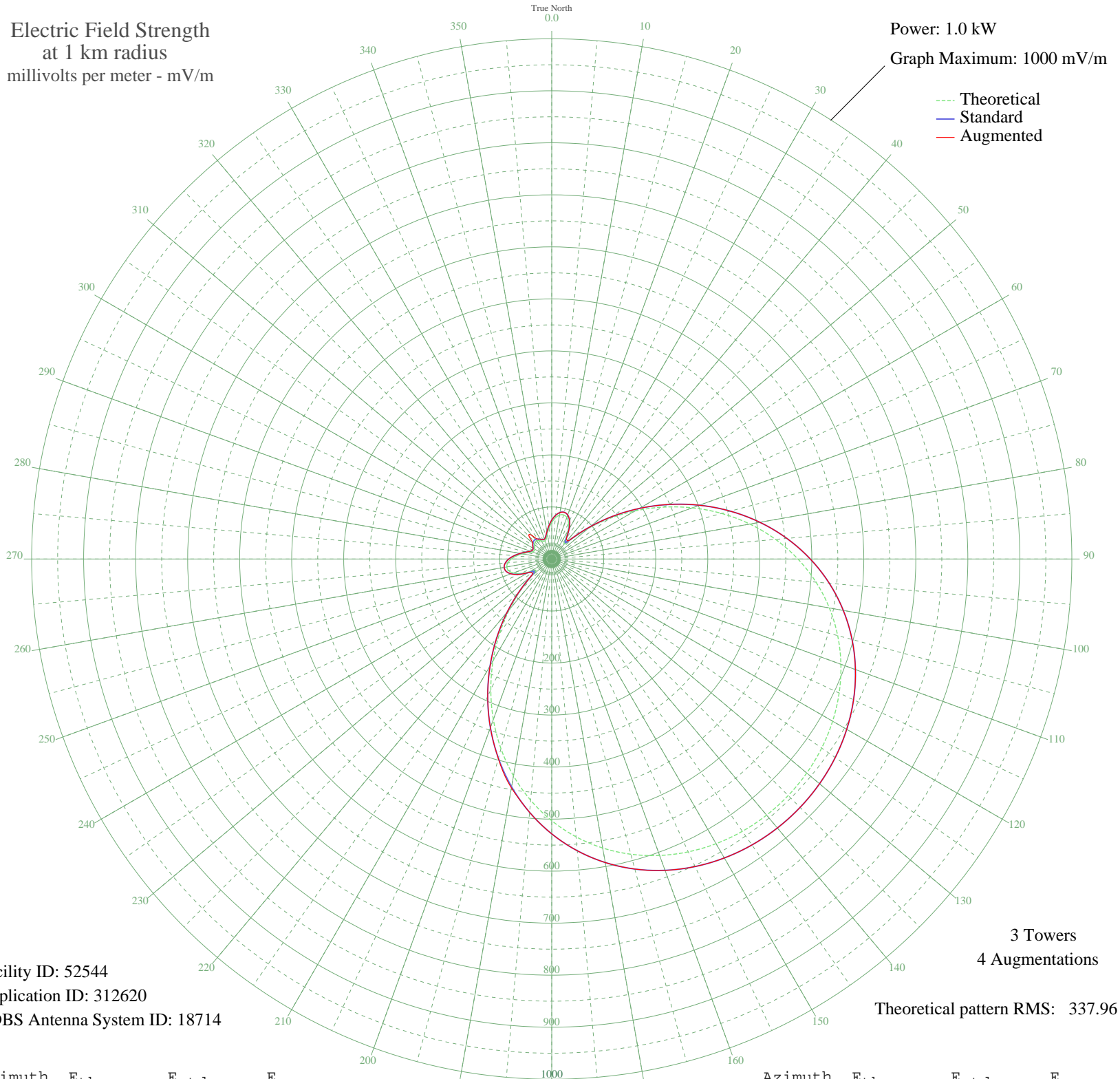


# WBTM DANVILLE, VA BL-- 1330 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 52544  
Application ID: 312620  
CDBS Antenna System ID: 18714

3 Towers  
4 Augmentations

Theoretical pattern RMS: 337.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	70.29	74.73	74.73
5	79.41	84.19	84.19
10	85.66	90.70	90.70
15	87.82	92.95	92.95
20	84.92	89.93	89.93
25	76.39	81.06	81.06
30	62.46	66.62	66.62
35	45.59	49.28	49.28
40	37.12	40.70	46.21
45	55.10	59.03	59.03
50	91.35	96.63	96.63
55	135.80	143.07	143.07
60	184.69	194.28	194.28
65	235.86	247.92	247.92
70	287.56	302.16	302.16
75	338.30	355.41	355.41
80	386.82	406.33	406.33
85	432.08	453.84	453.84
90	473.33	497.13	497.13
95	510.06	535.69	535.69
100	542.02	569.24	569.24
105	569.18	597.76	597.76
110	591.67	621.36	621.36
115	609.71	640.30	640.30
120	623.59	654.88	654.88
125	633.61	665.40	665.40
130	640.03	672.13	672.13
135	643.02	675.28	675.28
140	642.69	674.93	674.93
145	639.02	671.08	671.08
150	631.90	663.60	663.60
155	621.13	652.29	652.29
160	606.44	636.87	636.87
165	587.54	617.02	617.02
170	564.13	592.45	592.45
175	536.01	562.94	562.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	503.09	528.37	528.37
185	465.43	488.84	488.84
190	423.33	444.65	446.71
195	377.35	396.39	396.99
200	328.30	344.91	344.91
205	277.25	291.35	291.35
210	225.53	237.09	237.09
215	174.67	183.78	183.78
220	126.47	133.31	133.31
225	83.26	88.20	88.20
230	49.53	53.30	53.30
235	37.03	40.61	46.67
240	48.89	52.65	52.65
245	65.62	69.88	69.88
250	78.56	83.31	83.31
255	85.94	90.99	90.99
260	87.76	92.89	92.89
265	84.70	89.70	89.70
270	77.77	82.49	82.49
275	68.25	72.61	72.61
280	57.62	61.63	61.63
285	47.64	51.37	51.37
290	40.25	43.86	43.86
295	37.04	40.62	40.62
300	37.87	41.45	41.45
305	40.80	44.41	44.41
310	43.75	47.41	47.41
315	45.41	49.09	61.68
320	45.21	48.90	58.66
325	43.24	46.88	46.88
330	40.16	43.76	43.76
335	37.46	41.04	41.04
340	37.32	40.90	40.90
345	41.43	45.05	45.05
350	49.49	53.27	53.27
355	59.76	63.83	63.83

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