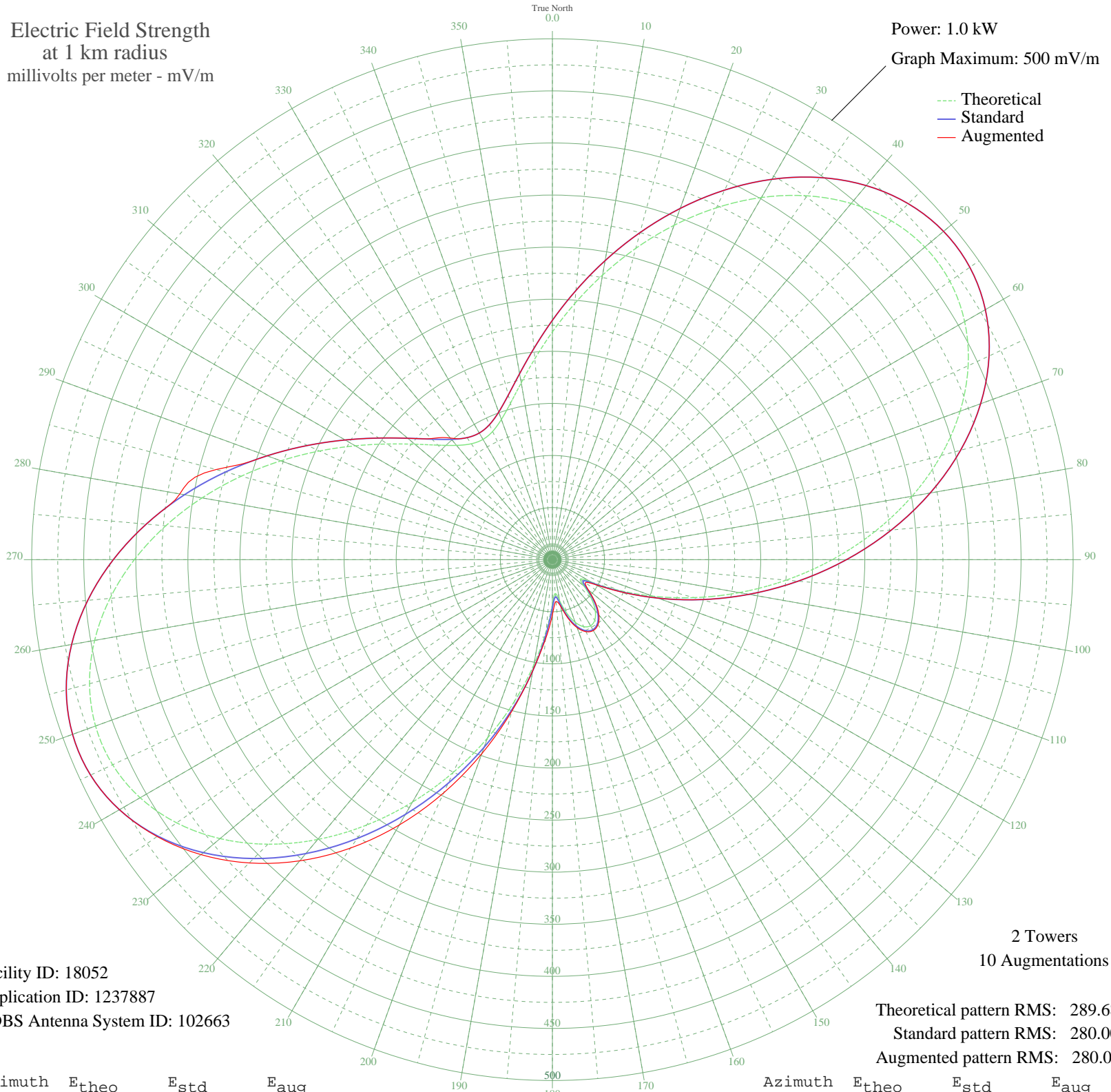


# KDMA MONTEVIDEO, MN BP-20071120AEG 1460 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 18052  
Application ID: 1237887  
CDBS Antenna System ID: 102663

Theoretical pattern RMS: 289.68  
Standard pattern RMS: 280.00  
Augmented pattern RMS: 280.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	218.61	229.78	229.78
5	246.84	259.40	259.40
10	277.43	291.49	291.49
15	309.39	325.03	325.03
20	341.57	358.80	358.80
25	372.69	391.47	391.47
30	401.42	421.62	421.62
35	426.40	447.84	447.84
40	446.34	468.78	468.78
45	460.12	483.24	483.24
50	466.85	490.30	490.30
55	465.91	489.32	489.32
60	457.08	480.05	480.05
65	440.48	462.62	462.62
70	416.61	437.56	437.56
75	386.30	405.75	405.75
80	350.66	368.34	368.34
85	311.01	326.72	326.72
90	268.75	282.39	282.39
95	225.36	236.87	236.87
100	182.26	191.66	191.66
105	140.82	148.23	148.23
110	102.40	108.03	108.03
115	68.66	72.85	73.74
120	42.78	46.13	48.09
125	32.50	35.70	38.62
130	40.22	43.52	44.90
135	53.11	56.75	58.29
140	64.02	68.03	69.42
145	70.94	75.23	76.26
150	73.30	77.67	78.55
155	70.94	75.23	76.26
160	64.02	68.03	69.42
165	53.11	56.75	58.29
170	40.22	43.52	45.25
175	32.50	35.70	40.23

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	42.78	46.13	52.84
185	68.66	72.85	76.72
190	102.40	108.03	108.03
195	140.82	148.23	150.62
200	182.26	191.66	198.28
205	225.36	236.87	246.97
210	268.75	282.39	294.10
215	311.01	326.72	337.96
220	350.66	368.34	377.40
225	386.30	405.75	411.73
230	416.61	437.56	440.50
235	440.48	462.62	463.39
240	457.08	480.05	480.05
245	465.91	489.32	489.32
250	466.85	490.30	490.30
255	460.12	483.24	483.24
260	446.34	468.78	468.78
265	426.40	447.84	447.84
270	401.42	421.62	421.62
275	372.69	391.47	391.47
280	341.57	358.80	363.26
285	309.39	325.03	334.29
290	277.43	291.49	291.49
295	246.84	259.40	259.40
300	218.61	229.78	229.78
305	193.57	203.52	203.52
310	172.37	181.29	181.29
315	155.47	163.59	164.39
320	143.22	150.75	152.40
325	135.81	142.99	142.99
330	133.33	140.39	140.39
335	135.81	142.99	142.99
340	143.22	150.75	150.75
345	155.47	163.59	163.59
350	172.37	181.29	181.29
355	193.57	203.52	203.52