

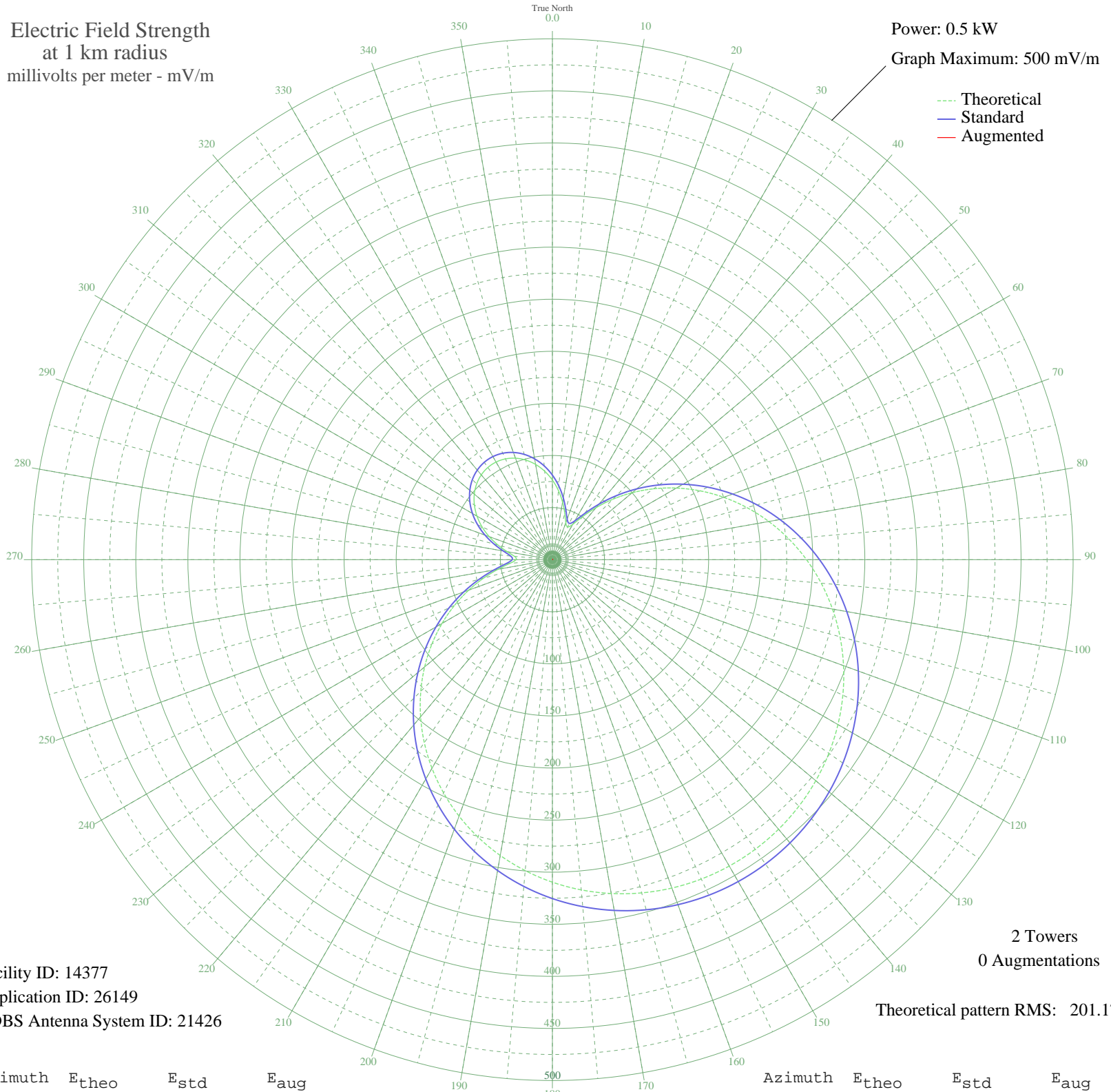
WTCR KENOVA, WV BL-19801229AA 1420 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 14377  
Application ID: 26149  
CDBS Antenna System ID: 21426

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 201.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	76.42	81.17	
5	66.57	70.96	
10	56.13	60.19	
15	45.93	49.75	
20	37.71	41.44	
25	34.61	38.34	
30	39.20	42.93	
35	50.26	54.17	
40	65.09	69.42	
45	81.95	86.91	
50	99.96	105.67	
55	118.58	125.11	
60	137.47	144.86	
65	156.37	164.64	
70	175.05	184.20	
75	193.31	203.34	
80	210.99	221.88	
85	227.94	239.65	
90	244.02	256.51	
95	259.11	272.34	
100	273.11	287.02	
105	285.93	300.47	
110	297.49	312.60	
115	307.74	323.35	
120	316.62	332.67	
125	324.10	340.52	
130	330.14	346.86	
135	334.73	351.68	
140	337.85	354.95	
145	339.48	356.66	
150	339.63	356.82	
155	338.29	355.42	
160	335.47	352.46	
165	331.18	347.95	
170	325.42	341.91	
175	318.23	334.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	309.62	325.33	
185	299.65	314.87	
190	288.34	303.01	
195	275.77	289.82	
200	262.00	275.37	
205	247.12	259.76	
210	231.23	243.10	
215	214.45	225.50	
220	196.90	207.10	
225	178.74	188.07	
230	160.13	168.58	
235	141.26	148.83	
240	122.35	129.04	
245	103.65	109.51	
250	85.48	90.59	
255	68.33	72.78	
260	52.99	56.97	
265	40.98	44.73	
270	34.89	38.62	
275	36.57	40.29	
280	44.05	47.84	
285	54.03	58.04	
290	64.51	68.83	
295	74.53	79.20	
300	83.59	88.61	
305	91.43	96.77	
310	97.88	103.50	
315	102.84	108.68	
320	106.24	112.22	
325	108.03	114.09	
330	108.20	114.26	
335	106.73	112.73	
340	103.65	109.52	
345	99.00	104.66	
350	92.83	98.24	
355	85.26	90.35	

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