

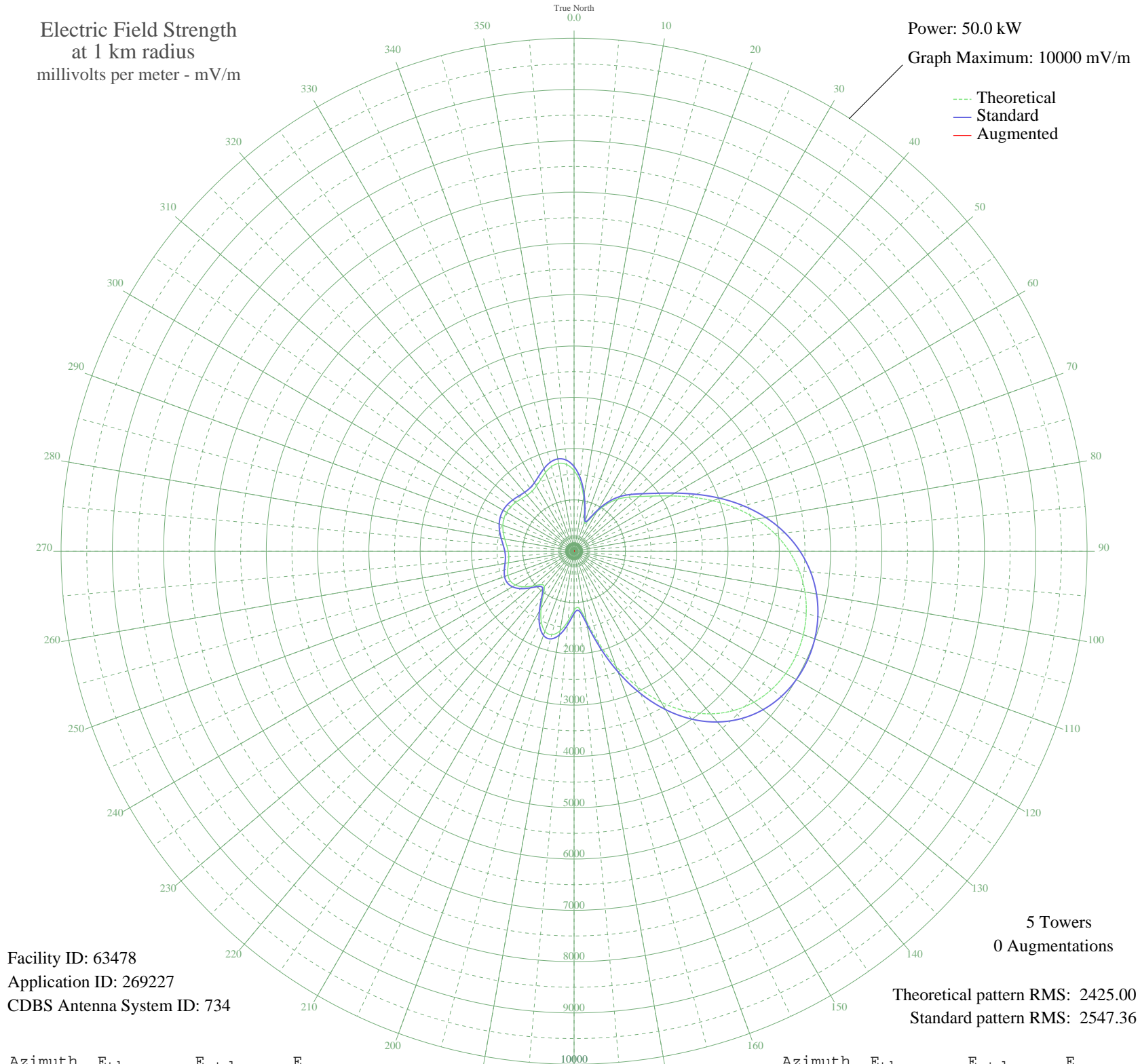
# WTRU KERNERSVILLE, NC BL-19980604KA 830 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 63478  
Application ID: 269227  
CDBS Antenna System ID: 734

5 Towers  
0 Augmentations

Theoretical pattern RMS: 2425.00  
Standard pattern RMS: 2547.36

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1570.01	1650.22	
5	1354.06	1423.74	
10	1070.94	1126.99	
15	774.95	817.16	
20	589.34	623.36	
25	658.17	695.15	
30	886.35	933.70	
35	1124.76	1183.38	
40	1323.54	1391.75	
45	1489.64	1565.93	
50	1659.32	1743.91	
55	1874.30	1969.45	
60	2156.78	2265.87	
65	2499.66	2625.71	
70	2876.31	3021.06	
75	3255.72	3419.34	
80	3612.00	3793.35	
85	3927.72	4124.79	
90	4193.75	4404.08	
95	4407.41	4628.39	
100	4570.14	4799.24	
105	4685.14	4919.97	
110	4755.41	4993.74	
115	4782.32	5022.00	
120	4764.69	5003.49	
125	4698.54	4934.04	
130	4577.37	4806.82	
135	4393.07	4613.34	
140	4137.55	4345.08	
145	3804.85	3995.80	
150	3394.01	3564.50	
155	2912.54	3059.09	
160	2381.13	2501.32	
165	1841.46	1935.00	
170	1372.99	1443.59	
175	1112.11	1170.13	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1153.79	1213.80	
185	1369.22	1439.64	
190	1577.15	1657.71	
195	1684.30	1770.11	
200	1660.28	1744.92	
205	1513.83	1591.30	
210	1285.20	1351.55	
215	1046.77	1101.68	
220	900.69	948.70	
225	919.47	968.36	
230	1054.70	1109.98	
235	1207.51	1270.11	
240	1319.00	1386.98	
245	1371.16	1441.67	
250	1370.74	1441.23	
255	1338.22	1407.14	
260	1299.40	1366.44	
265	1277.15	1343.12	
270	1284.02	1350.32	
275	1319.22	1387.22	
280	1372.10	1442.66	
285	1428.75	1502.07	
290	1476.96	1552.63	
295	1508.31	1585.50	
300	1518.59	1596.29	
305	1507.97	1585.15	
310	1481.38	1557.27	
315	1449.05	1523.36	
320	1426.02	1499.20	
325	1428.86	1502.18	
330	1468.45	1543.71	
335	1542.15	1621.00	
340	1631.53	1714.75	
345	1707.51	1794.46	
350	1738.58	1827.05	
355	1698.06	1784.55	

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.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission