

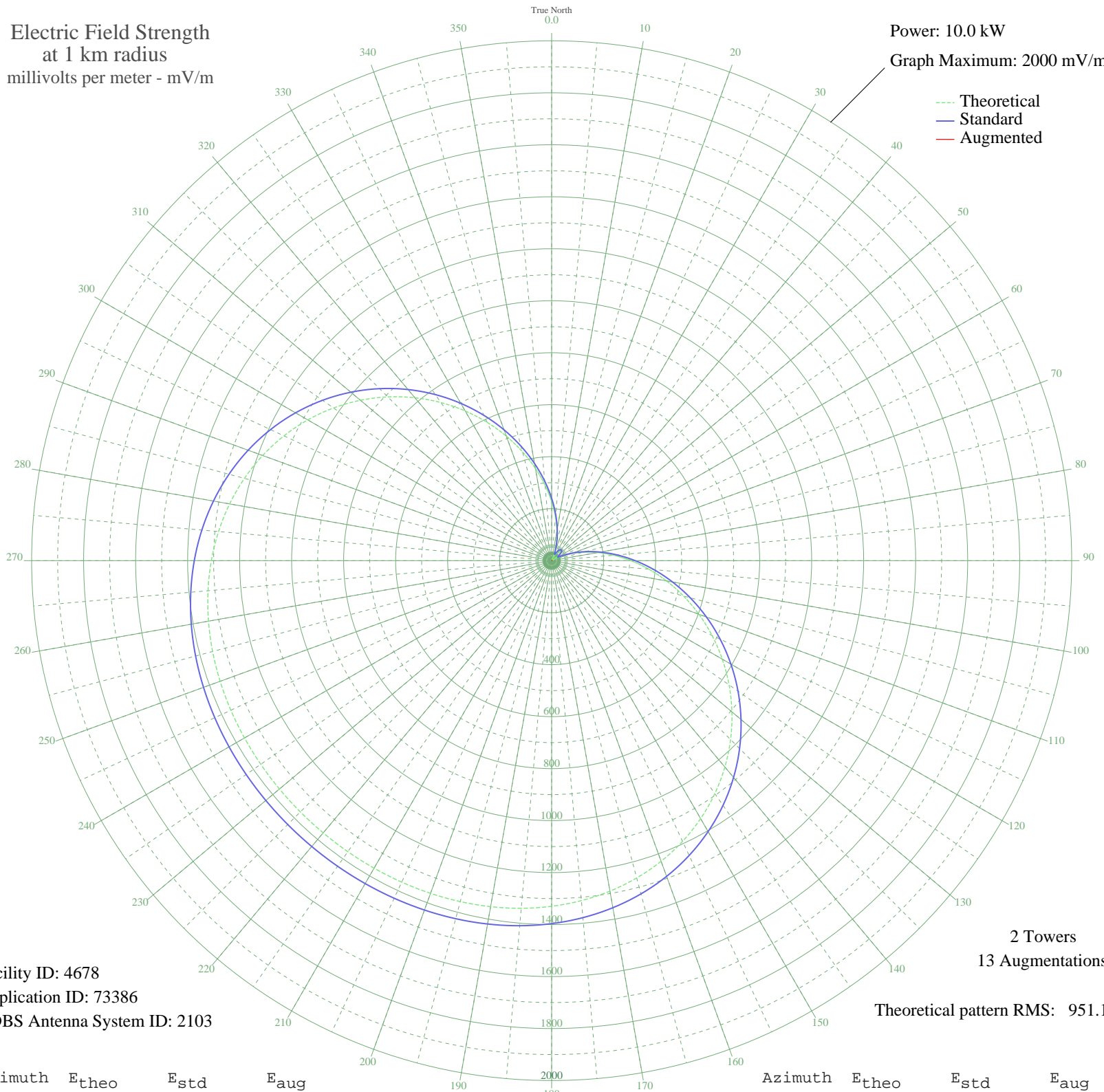
WESC GREENVILLE, SC BL-19841018AD 660 kHz

Critical Hours

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 4678
Application ID: 73386
CDBS Antenna System ID: 2103

2 Towers
13 Augmentations

Theoretical pattern RMS: 951.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	227.13	239.83	
5	168.15	178.37	
10	115.35	123.75	
15	69.31	77.08	
20	30.48	40.85	
25	0.81	25.40	
30	24.27	35.97	
35	39.73	48.84	
40	47.08	55.57	
45	46.26	54.81	
50	37.29	46.66	
55	20.21	33.09	
60	4.83	25.89	
65	37.65	46.98	
70	77.96	85.70	
75	125.39	134.08	
80	179.47	190.14	
85	239.61	252.87	
90	305.11	321.37	
95	375.14	394.71	
100	448.78	471.90	
105	524.98	551.82	
110	602.66	633.30	
115	680.65	715.14	
120	757.80	796.09	
125	832.96	874.98	
130	905.07	950.66	
135	973.15	1022.12	
140	1036.39	1088.51	
145	1094.13	1149.12	
150	1145.90	1203.46	
155	1191.44	1251.27	
160	1230.68	1292.47	
165	1263.76	1327.19	
170	1290.96	1355.75	
175	1312.75	1378.62	

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 Aug 2020

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1329.67	1396.39	
185	1342.38	1409.73	
190	1351.55	1419.36	
195	1357.87	1425.99	
200	1362.00	1430.32	
205	1364.52	1432.97	
210	1365.94	1434.46	
215	1366.66	1435.21	
220	1366.94	1435.51	
225	1366.91	1435.48	
230	1366.55	1435.11	
235	1365.72	1434.23	
240	1364.12	1432.55	
245	1361.32	1429.61	
250	1356.80	1424.87	
255	1349.97	1417.69	
260	1340.15	1407.38	
265	1326.65	1393.21	
270	1308.80	1374.47	
275	1285.97	1350.51	
280	1257.62	1320.75	
285	1223.33	1284.75	
290	1182.84	1242.24	
295	1136.04	1193.11	
300	1083.05	1137.48	
305	1024.16	1075.67	
310	959.90	1008.21	
315	890.94	935.83	
320	818.14	859.42	
325	742.49	780.03	
330	665.08	698.80	
335	587.06	616.94	
340	509.59	535.67	
345	433.81	456.21	
350	360.81	379.70	
355	291.62	307.25	