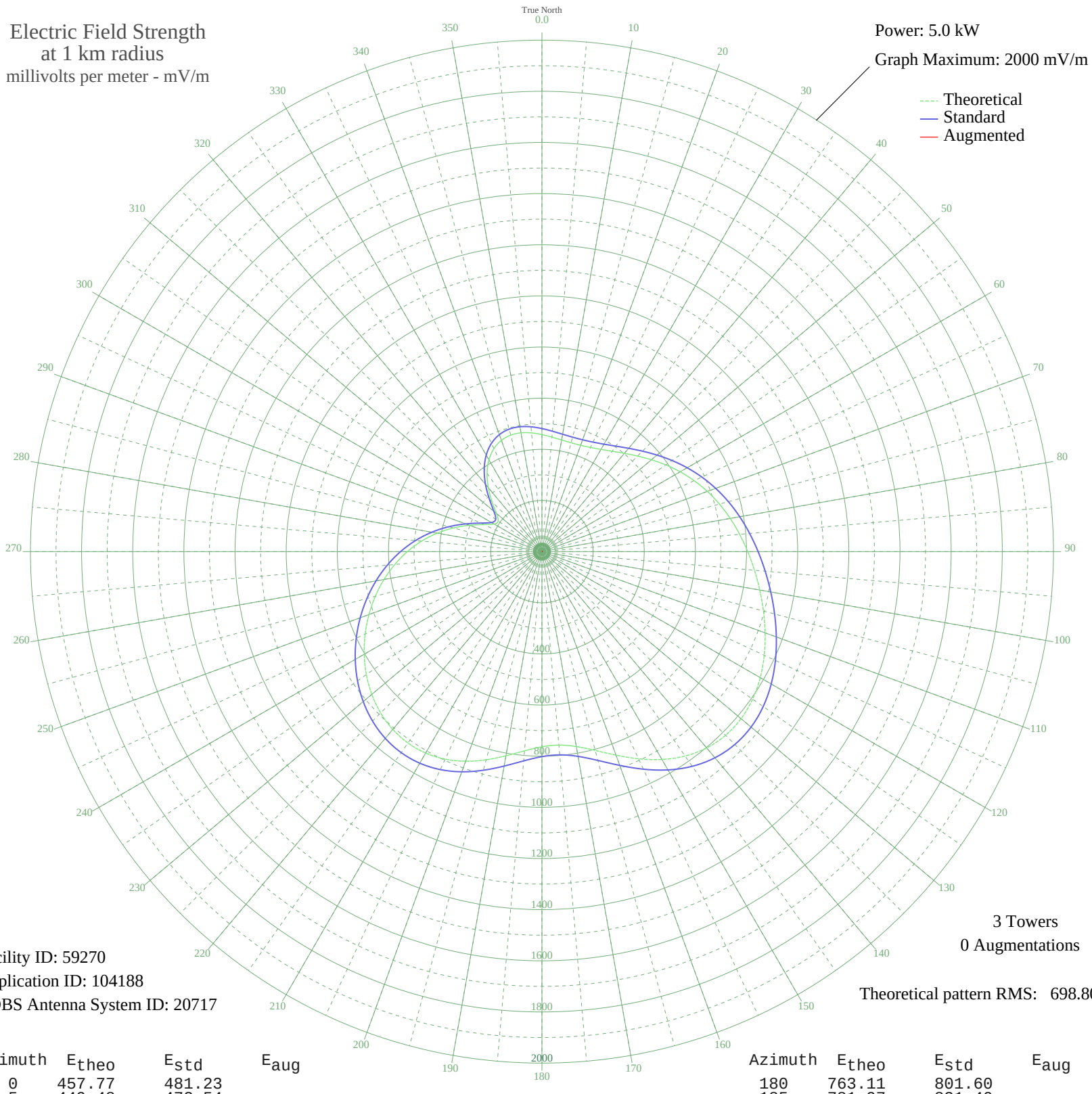
WTOB WINSTON-SALEM, NC BL-19870804AC 1380 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 59270
Application ID: 104188
CDBS Antenna System ID: 20717

Theoretical pattern RMS: 698.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	457.77	481.23	
5	449.48	472.54	
10	443.31	466.07	
15	440.70	463.33	
20	442.54	465.26	
25	449.38	472.43	
30	461.53	485.18	
35	479.07	503.57	
40	501.69	527.29	
45	528.66	555.59	
50	558.90	587.31	
55	591.12	621.12	
60	624.06	655.68	
65	656.65	689.88	
70	688.20	722.99	
75	718.45	754.74	
80	747.56	785.29	
85	776.07	815.21	
90	804.71	845.27	
95	834.18	876.20	
100	864.88	908.43	
105	896.67	941.80	
110	928.62	975.34	
115	959.06	1007.28	
120	985.62	1035.17	
125	1005.60	1056.14	
130	1016.30	1067.37	
135	1015.51	1066.55	
140	1001.95	1052.31	
145	975.67	1024.72	
150	938.39	985.59	
155	893.68	938.66	
160	846.91	889.57	
165	804.74	845.30	
170	773.93	812.97	
175	759.56	797.88	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	763.11	801.60	
185	781.97	821.40	
190	810.59	851.45	
195	842.57	885.01	
200	872.20	916.11	
205	895.34	940.40	
210	909.46	955.22	
215	913.48	959.44	
220	907.41	953.07	
225	891.99	936.88	
230	868.42	912.15	
235	838.10	880.32	
240	802.42	842.87	
245	762.62	801.10	
250	719.71	756.06	
255	674.40	708.51	
260	627.03	658.80	
265	577.66	606.99	
270	526.09	552.89	
275	472.11	496.27	
280	415.78	437.20	
285	357.94	376.57	
290	301.00	316.92	
295	250.31	263.87	
300	215.65	227.65	
305	208.89	220.59	
310	232.63	245.39	
315	276.08	290.84	
320	326.22	343.34	
325	374.08	393.48	
330	414.35	435.70	
335	444.29	467.10	
340	463.11	486.83	
345	471.57	495.70	
350	471.64	495.78	
355	466.06	489.92	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission