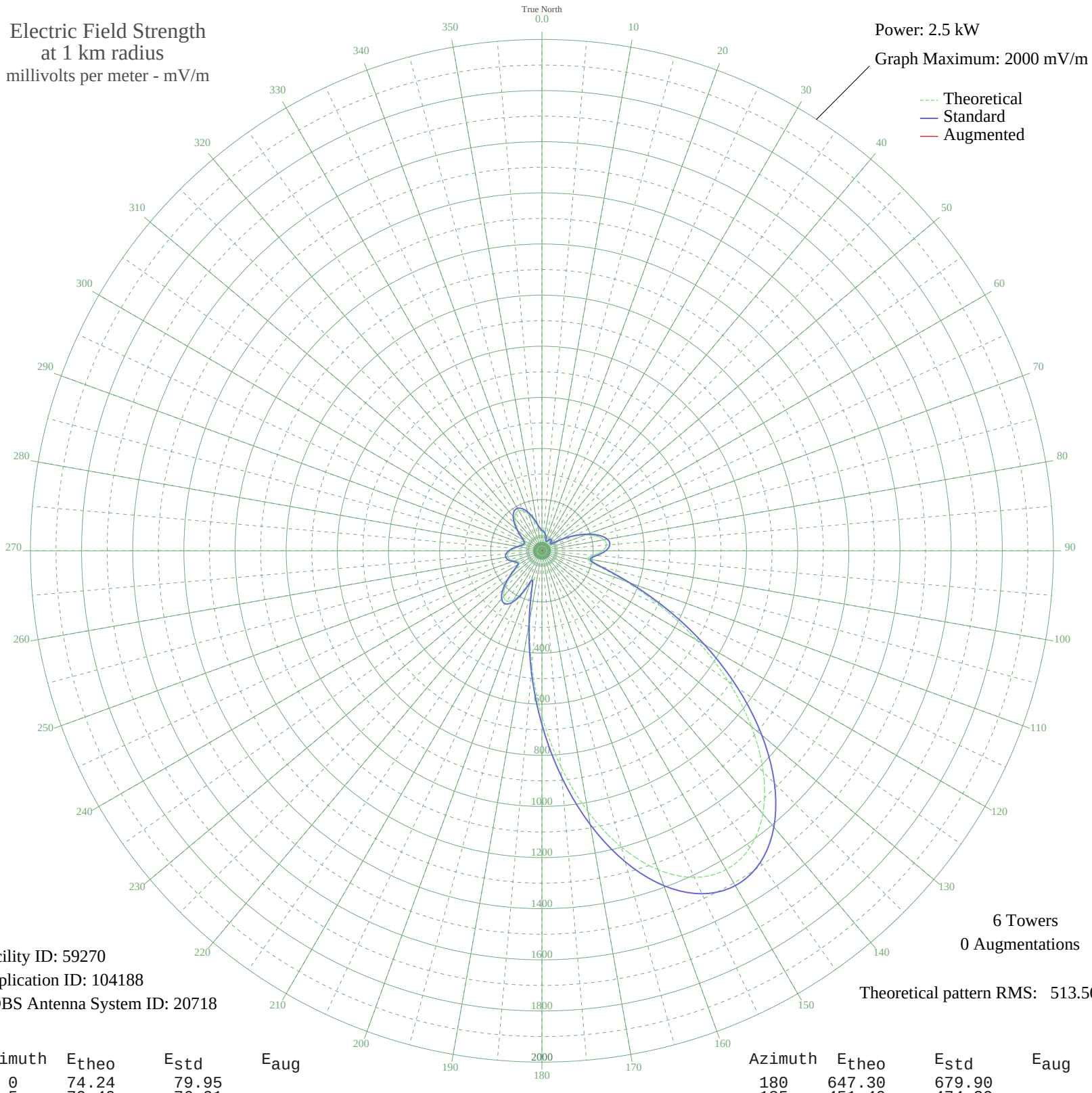
WTOB WINSTON-SALEM, NC BL-19870804AC 1380 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 59270
Application ID: 104188
CDBS Antenna System ID: 20718

Theoretical pattern RMS: 513.56

Azimuth	E_{theo}	E_{std}	E_{aug}
0	74.24	79.95	
5	70.40	76.01	
10	64.38	69.89	
15	53.37	58.78	
20	40.14	45.72	
25	33.55	39.44	
30	39.50	45.11	
35	48.50	53.93	
40	51.38	56.79	
45	45.26	50.72	
50	36.24	41.98	
55	47.91	53.34	
60	85.08	91.08	
65	132.36	140.10	
70	180.09	189.92	
75	220.58	232.29	
80	246.82	259.76	
85	253.09	266.33	
90	236.81	249.28	
95	203.50	214.41	
100	181.19	191.08	
105	225.63	237.57	
110	346.62	364.39	
115	512.07	537.96	
120	698.49	733.63	
125	889.02	933.64	
130	1068.79	1122.37	
135	1224.22	1285.55	
140	1343.51	1410.80	
145	1417.45	1488.43	
150	1440.13	1512.24	
155	1409.46	1480.04	
160	1327.36	1393.84	
165	1199.64	1259.74	
170	1035.51	1087.43	
175	846.86	889.38	
180	647.30	679.90	
185	451.40	474.30	
190	275.08	289.38	
195	143.98	152.22	
200	120.25	127.50	
205	175.37	184.99	
210	221.35	233.09	
215	240.12	252.74	
220	232.74	245.02	
225	205.37	216.36	
230	166.64	175.87	
235	127.63	135.18	
240	102.33	108.90	
245	100.77	107.28	
250	114.69	121.72	
255	129.04	136.65	
260	135.89	143.79	
265	133.25	141.04	
270	122.46	129.80	
275	106.79	113.52	
280	90.39	96.55	
285	77.23	83.01	
290	70.03	75.64	
295	70.21	75.82	
300	78.84	84.66	
305	95.98	102.33	
310	119.29	126.50	
315	144.29	152.54	
320	165.83	175.02	
325	179.31	189.11	
330	181.68	191.58	
335	172.10	181.57	
340	152.30	160.89	
345	126.54	134.05	
350	101.16	107.69	
355	82.87	88.80	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission