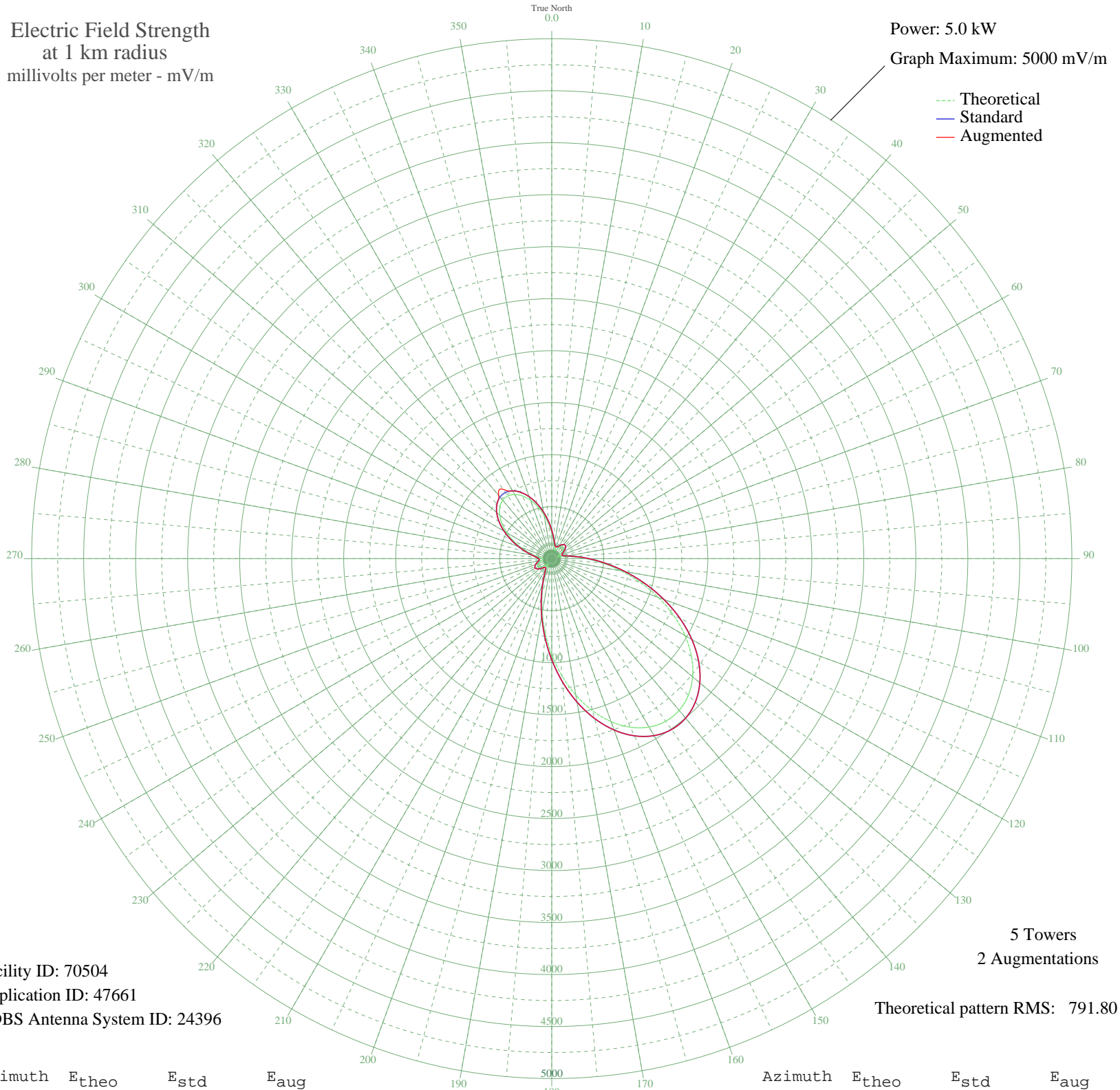


# WARM SCRANTON, PA BL-19820930AD 590 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 70504  
Application ID: 47661  
CDBS Antenna System ID: 24396

5 Towers  
2 Augmentations  
Theoretical pattern RMS: 791.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	248.49	273.37	273.37
5	176.96	202.92	202.92
10	124.27	153.88	153.88
15	93.21	127.40	127.40
20	83.40	119.67	119.67
25	91.21	125.80	125.80
30	110.23	141.59	141.59
35	132.39	161.17	161.17
40	149.59	176.99	176.99
45	155.53	182.54	182.54
50	147.28	174.83	174.83
55	126.26	155.65	155.65
60	98.33	131.57	131.57
65	72.87	111.84	111.84
70	61.14	103.80	103.80
75	74.17	112.77	112.77
80	120.75	150.76	150.76
85	205.94	231.11	231.11
90	330.25	356.22	356.22
95	489.67	520.58	520.58
100	676.47	714.96	714.96
105	880.32	927.93	927.93
110	1089.65	1147.04	1147.04
115	1292.88	1359.97	1359.97
120	1479.38	1555.49	1555.49
125	1640.10	1724.04	1724.04
130	1767.85	1858.04	1858.04
135	1857.36	1951.93	1951.93
140	1905.18	2002.10	2002.10
145	1909.56	2006.70	2006.70
150	1870.34	1965.55	1965.55
155	1788.95	1880.17	1880.17
160	1668.49	1753.81	1753.81
165	1513.85	1591.63	1591.63
170	1331.83	1400.80	1400.80
175	1131.14	1190.50	1190.50

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	922.13	971.66	971.66
185	716.24	756.46	756.46
190	525.14	557.40	557.40
195	359.52	386.21	386.21
200	227.74	252.66	252.66
205	134.62	163.20	163.20
210	80.58	117.52	117.52
215	61.44	103.99	103.99
220	69.06	109.14	109.14
225	92.69	126.98	126.98
230	120.97	150.95	150.95
235	143.97	171.77	171.77
240	155.04	182.08	183.79
245	151.83	179.08	180.00
250	136.46	164.88	164.88
255	114.68	145.44	145.44
260	94.36	128.33	128.33
265	83.72	119.92	119.92
270	89.61	124.53	124.53
275	116.29	146.84	146.84
280	164.78	191.28	191.28
285	232.90	257.79	257.79
290	315.80	341.47	341.47
295	406.78	434.84	434.84
300	498.29	529.53	529.53
305	582.77	617.32	617.32
310	653.41	690.92	690.92
315	704.68	744.39	744.39
320	732.65	773.59	793.59
325	735.23	776.29	813.62
330	712.23	752.28	752.28
335	665.37	703.38	703.38
340	598.21	633.39	633.39
345	515.98	547.89	547.89
350	425.29	453.94	453.94
355	333.58	359.63	359.63