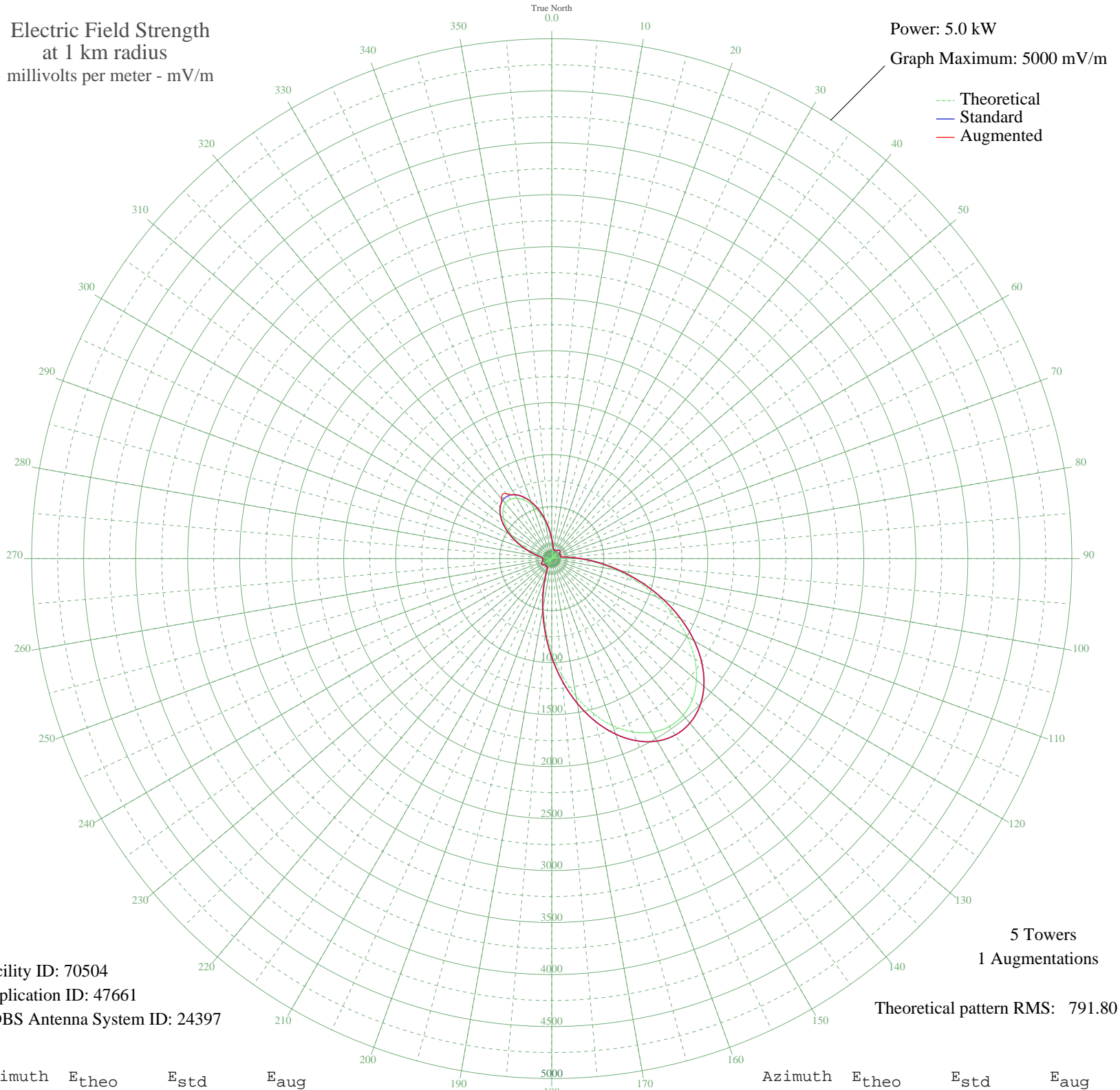


WARM SCRANTON, PA BL-19820930AD 590 kHz

Nighttime

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: 24397

5 Towers
1 Augmentations
Theoretical pattern RMS: 791.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	167.52	196.08	196.08
5	89.89	128.13	128.13
10	32.72	93.21	93.21
15	0.99	86.65	86.65
20	11.64	87.51	87.51
25	3.16	86.71	86.71
30	17.48	88.57	88.57
35	41.53	97.00	97.00
40	60.20	107.25	107.25
45	66.64	111.37	111.37
50	57.68	105.72	105.72
55	34.87	94.07	94.07
60	4.56	86.78	86.78
65	23.06	89.97	89.97
70	35.79	94.45	94.45
75	21.66	89.58	89.58
80	28.90	91.81	91.81
85	121.35	154.09	154.09
90	256.24	282.66	282.66
95	429.25	458.97	458.97
100	631.97	669.21	669.21
105	853.19	900.03	900.03
110	1080.36	1137.69	1137.69
115	1300.91	1368.70	1368.70
120	1503.31	1580.85	1580.85
125	1677.72	1763.74	1763.74
130	1816.36	1909.14	1909.14
135	1913.49	2011.04	2011.04
140	1965.39	2065.48	2065.48
145	1970.14	2070.46	2070.46
150	1927.58	2025.81	2025.81
155	1839.25	1933.16	1933.16
160	1708.53	1796.04	1796.04
165	1540.71	1620.06	1620.06
170	1343.18	1413.00	1413.00
175	1125.39	1184.83	1184.83

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 _{theo}	E _{std}	E _{aug}
180	898.56	947.46	947.46
185	675.13	714.16	714.16
190	467.75	498.72	498.72
195	288.01	314.58	314.58
200	145.00	175.18	175.18
205	43.95	98.17	98.17
210	14.70	88.01	88.01
215	35.47	94.31	94.31
220	27.20	91.23	91.23
225	1.55	86.66	86.66
230	29.13	91.89	91.89
235	54.09	103.60	103.60
240	66.10	111.02	111.02
245	62.63	108.78	108.78
250	45.95	99.18	99.18
255	22.31	89.76	89.76
260	0.26	86.65	86.65
265	11.29	87.46	87.46
270	4.89	86.80	86.80
275	24.06	90.26	90.26
280	76.68	118.28	118.28
285	150.60	180.32	180.32
290	240.56	267.04	267.04
295	339.30	366.65	366.65
300	438.61	468.62	468.62
305	530.29	563.51	563.51
310	606.95	643.16	643.16
315	662.58	701.09	701.09
320	692.94	732.73	747.80
325	695.74	735.65	763.84
330	670.78	709.63	709.63
335	619.92	656.66	656.66
340	547.04	580.89	580.89
345	457.81	488.45	488.45
350	359.39	387.17	387.17
355	259.86	286.28	286.28