NEW YORKTON, SK Canada -- 1210 kHz

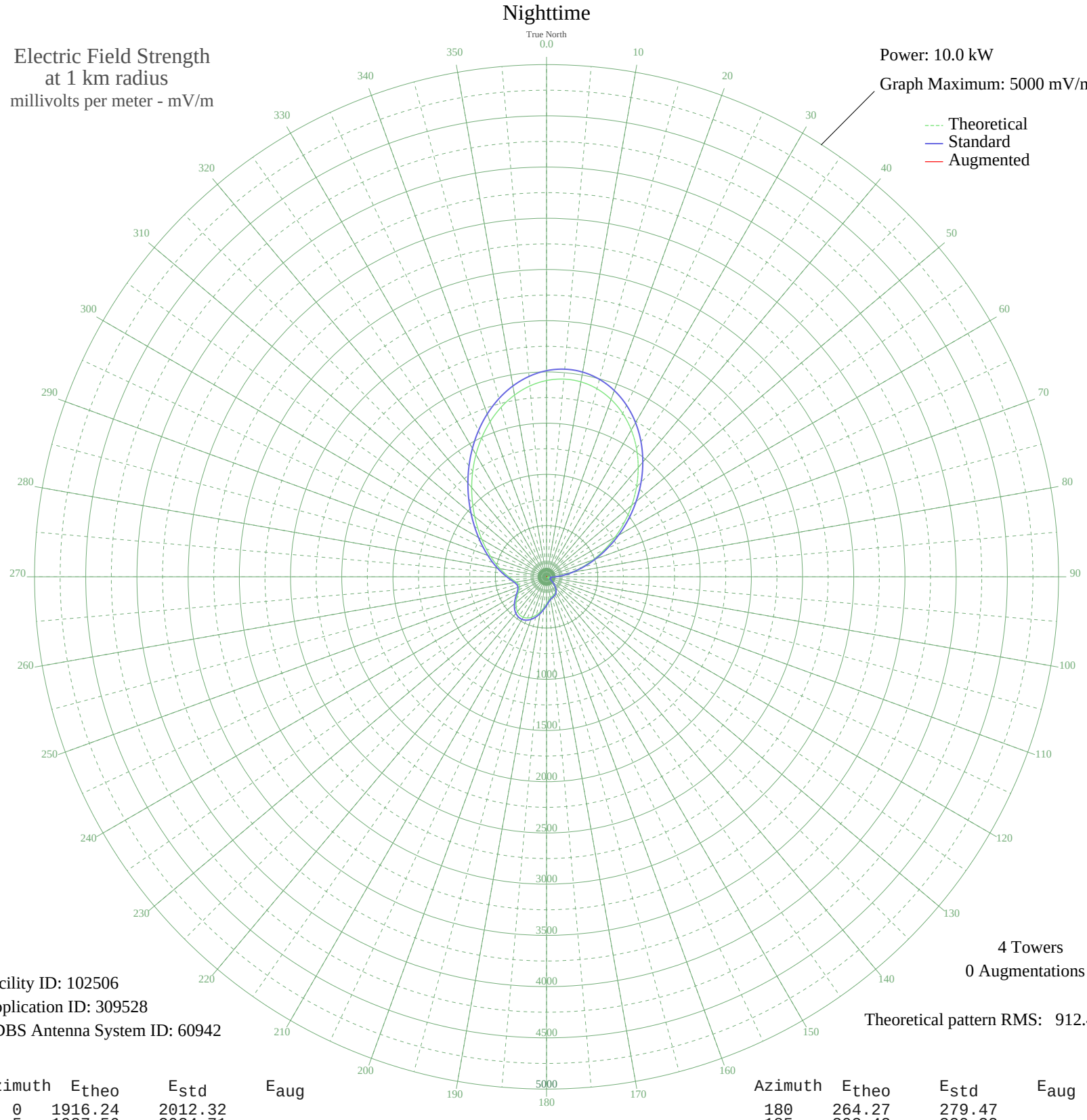
Nighttime

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

Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 102506
Application ID: 309528
CDBS Antenna System ID: 60942

Theoretical pattern RMS: 912.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1916.24	2012.32	
5	1937.56	2034.71	
10	1932.52	2029.42	
15	1900.66	1995.97	
20	1842.59	1935.00	
25	1759.90	1848.19	
30	1655.07	1738.14	
35	1531.31	1608.22	
40	1392.42	1462.42	
45	1242.58	1305.14	
50	1086.21	1141.01	
55	927.78	974.73	
60	771.63	810.89	
65	621.86	653.80	
70	482.17	507.37	
75	355.74	375.00	
80	245.14	259.53	
85	152.23	163.26	
90	78.18	88.55	
95	23.35	41.27	
100	12.64	35.76	
105	30.89	46.42	
110	33.22	48.15	
115	22.03	40.47	
120	0.41	33.21	
125	28.87	44.96	
130	61.83	72.92	
135	95.24	105.37	
140	126.00	136.40	
145	151.65	162.66	
150	170.77	182.36	
155	183.40	195.41	
160	191.48	203.78	
165	199.02	211.59	
170	211.30	224.33	
175	232.70	246.58	

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.

15 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	264.27	279.47	
185	303.42	320.32	
190	345.53	364.32	
195	385.62	406.26	
200	419.34	441.56	
205	443.34	466.69	
210	455.49	479.42	
215	454.95	478.86	
220	442.20	465.49	
225	418.93	441.13	
230	388.05	408.81	
235	353.58	372.74	
240	320.53	338.19	
245	294.63	311.13	
250	281.22	297.14	
255	283.39	299.41	
260	300.67	317.44	
265	329.96	348.05	
270	367.91	387.73	
275	412.26	434.14	
280	462.17	486.41	
285	517.85	544.76	
290	580.19	610.10	
295	650.31	683.63	
300	729.28	766.46	
305	817.77	859.30	
310	915.89	962.25	
315	1022.96	1074.62	
320	1137.47	1194.81	
325	1257.05	1320.32	
330	1378.52	1447.83	
335	1498.04	1573.29	
340	1611.34	1692.23	
345	1713.95	1799.95	
350	1801.52	1891.88	
355	1870.06	1963.84	