

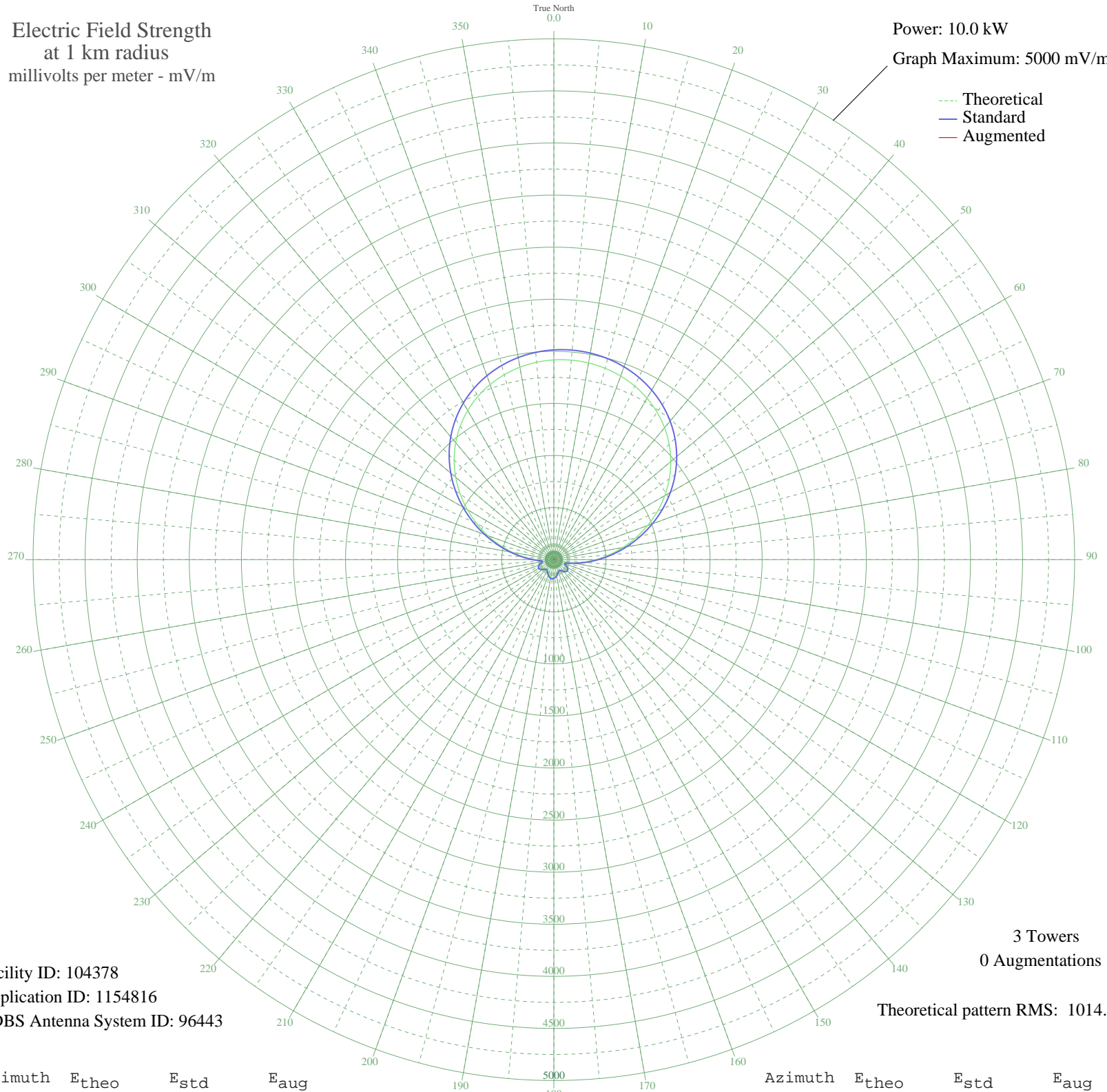
# CJSL ESTEVAN, SK Canada -- 1280 kHz

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



Facility ID: 104378  
Application ID: 1154816  
CDBS Antenna System ID: 96443

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1014.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1917.44	2013.65	
5	1922.56	2019.03	
10	1917.44	2013.65	
15	1901.96	1997.39	
20	1875.79	1969.92	
25	1838.43	1930.70	
30	1789.29	1879.12	
35	1727.79	1814.55	
40	1653.45	1736.52	
45	1566.06	1644.78	
50	1465.78	1539.52	
55	1353.27	1421.42	
60	1229.77	1291.79	
65	1097.17	1152.62	
70	957.98	1006.55	
75	815.31	856.87	
80	672.77	707.37	
85	534.29	562.22	
90	404.12	425.92	
95	286.85	303.44	
100	188.38	201.20	
105	119.34	130.62	
110	97.58	108.89	
115	115.08	126.33	
120	138.60	150.13	
125	153.43	165.26	
130	156.85	168.77	
135	150.18	161.94	
140	136.62	148.11	
145	120.81	132.09	
150	108.71	119.95	
155	105.98	117.23	
160	114.09	125.34	
165	129.16	140.54	
170	145.88	157.54	
175	160.22	172.22	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	169.69	181.95	
185	172.99	185.34	
190	169.69	181.95	
195	160.22	172.22	
200	145.88	157.54	
205	129.16	140.54	
210	114.09	125.34	
215	105.98	117.23	
220	108.71	119.95	
225	120.81	132.09	
230	136.62	148.11	
235	150.18	161.94	
240	156.85	168.77	
245	153.43	165.26	
250	138.60	150.13	
255	115.08	126.33	
260	97.58	108.89	
265	119.34	130.62	
270	188.38	201.20	
275	286.85	303.44	
280	404.12	425.92	
285	534.29	562.22	
290	672.77	707.37	
295	815.31	856.87	
300	957.98	1006.55	
305	1097.17	1152.62	
310	1229.77	1291.79	
315	1353.27	1421.42	
320	1465.78	1539.52	
325	1566.06	1644.78	
330	1653.45	1736.52	
335	1727.79	1814.55	
340	1789.29	1879.12	
345	1838.43	1930.70	
350	1875.79	1969.92	
355	1901.96	1997.39	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission