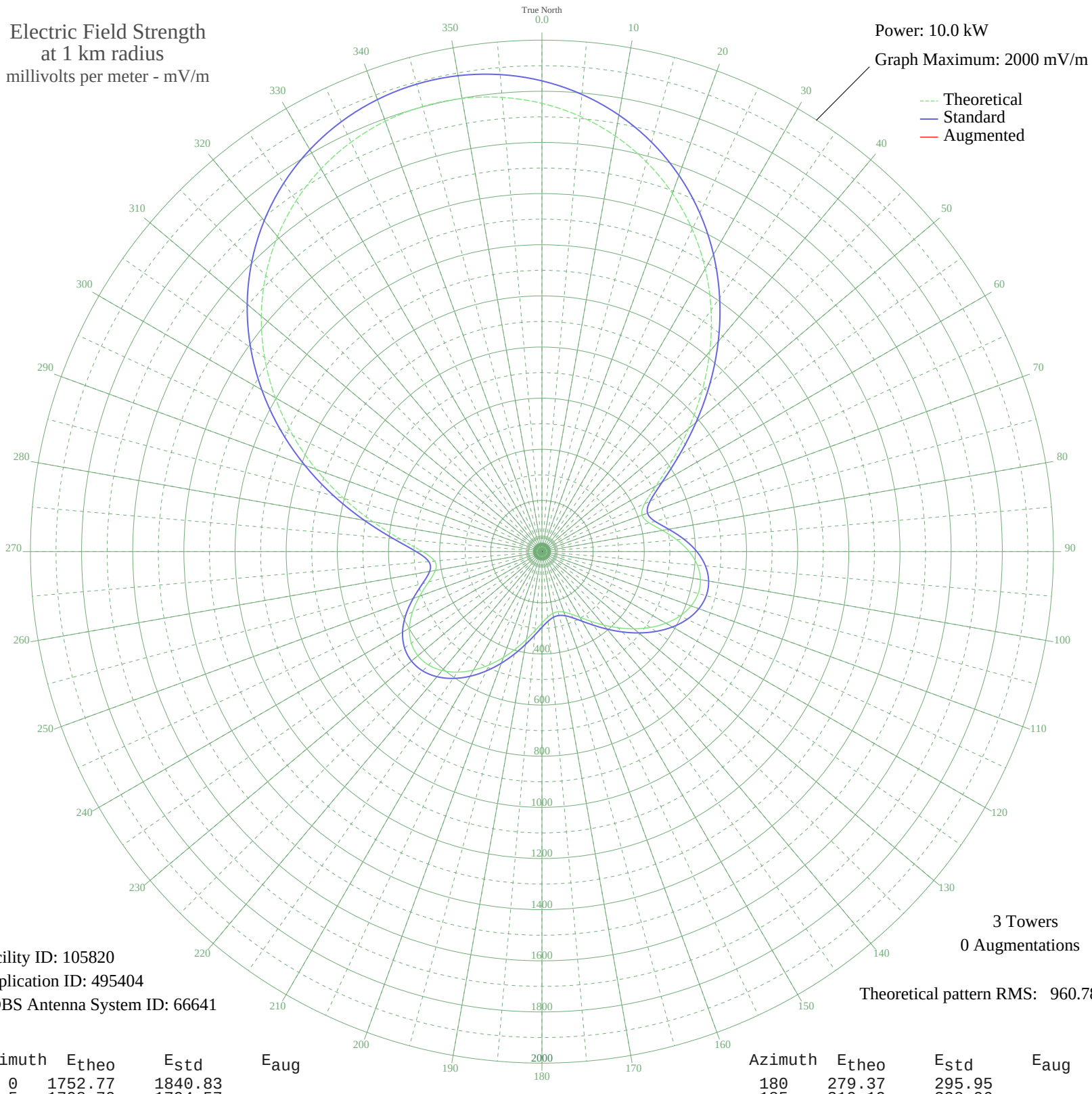
CHEF GRANBY, QC Canada -- 1450 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 105820
Application ID: 495404
CDBS Antenna System ID: 66641

Theoretical pattern RMS: 960.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1752.77	1840.83	
5	1708.70	1794.57	
10	1650.43	1733.39	
15	1577.84	1657.19	
20	1491.03	1566.08	
25	1390.51	1460.56	
30	1277.30	1341.73	
35	1153.15	1211.44	
40	1020.74	1072.49	
45	883.95	928.98	
50	748.29	786.68	
55	621.58	653.84	
60	514.98	542.16	
65	442.82	466.61	
70	416.79	439.39	
75	434.32	457.72	
80	478.11	503.55	
85	529.49	557.34	
90	575.81	605.87	
95	610.13	641.84	
100	629.26	661.89	
105	632.45	665.23	
110	620.54	652.75	
115	595.48	626.48	
120	559.90	589.21	
125	516.87	544.13	
130	469.58	494.61	
135	421.18	443.97	
140	374.60	395.29	
145	332.45	351.27	
150	296.86	314.17	
155	269.48	285.67	
160	251.41	266.88	
165	243.27	258.44	
170	245.31	260.55	
175	257.47	273.18	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	279.37	295.95	
185	310.19	328.06	
190	348.63	368.16	
195	392.84	414.34	
200	440.47	464.16	
205	488.80	514.74	
210	534.77	562.88	
215	575.21	605.24	
220	606.93	638.48	
225	627.01	659.53	
230	633.06	665.88	
235	623.52	655.88	
240	598.11	629.24	
245	558.43	587.67	
250	508.98	535.87	
255	458.75	483.28	
260	423.01	445.89	
265	421.40	444.21	
270	466.61	491.51	
275	554.34	583.38	
280	670.56	705.18	
285	801.98	842.99	
290	938.88	986.61	
295	1074.47	1128.88	
300	1203.97	1264.78	
305	1324.01	1390.76	
310	1432.31	1504.44	
315	1527.44	1604.29	
320	1608.59	1689.48	
325	1675.45	1759.66	
330	1728.02	1814.85	
335	1766.47	1855.21	
340	1791.04	1881.00	
345	1801.91	1892.42	
350	1799.20	1889.57	
355	1782.87	1872.42	

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