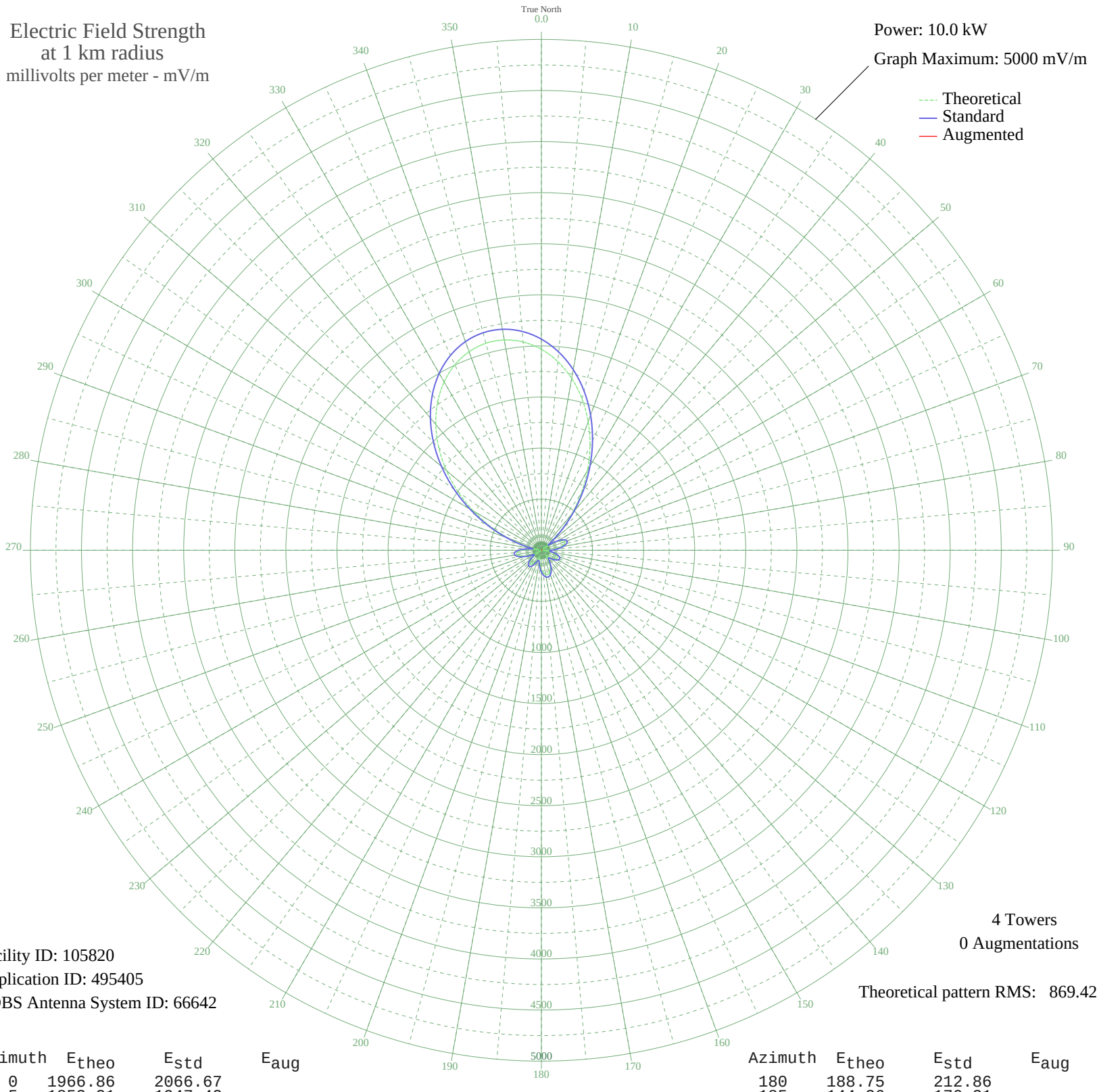
CHEF GRANBY, QC Canada -- 1450 kHz

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: 105820
Application ID: 495405
CDBS Antenna System ID: 66642

Theoretical pattern RMS: 869.42

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1966.86	2066.67	
5	1853.21	1947.42	
10	1707.98	1795.06	
15	1534.78	1613.39	
20	1338.43	1407.49	
25	1125.06	1183.87	
30	902.07	950.35	
35	677.90	716.02	
40	461.69	490.95	
45	262.75	286.61	
50	90.87	123.02	
55	57.63	98.44	
60	157.91	183.09	
65	220.68	244.38	
70	244.51	268.22	
75	232.99	256.67	
80	192.55	216.58	
85	131.66	158.56	
90	59.88	99.92	
95	13.39	78.91	
100	78.92	113.56	
105	130.17	157.20	
110	162.35	187.32	
115	173.33	197.87	
120	163.60	188.51	
125	136.22	162.75	
130	97.64	128.61	
135	63.76	102.53	
140	71.51	108.02	
145	115.12	143.67	
150	163.08	188.02	
155	203.75	227.60	
160	232.01	255.68	
165	245.07	268.79	
170	241.78	265.48	
175	222.41	246.10	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	188.75	212.86	
185	144.36	170.31	
190	96.01	127.25	
195	61.79	101.19	
200	74.76	110.42	
205	113.77	142.48	
210	148.97	174.64	
215	169.84	194.50	
220	171.51	196.11	
225	151.96	177.45	
230	111.75	140.71	
235	54.05	96.18	
240	15.70	79.38	
245	89.27	121.72	
250	157.87	183.05	
255	211.69	235.45	
260	241.49	265.18	
265	239.50	263.19	
270	200.34	224.23	
275	121.84	149.65	
280	22.62	81.20	
285	155.60	180.89	
290	339.66	364.99	
295	546.62	579.18	
300	767.14	809.23	
305	991.90	1044.39	
310	1212.00	1274.97	
315	1419.38	1492.37	
320	1607.13	1689.28	
325	1769.66	1859.76	
330	1902.62	1999.26	
335	2002.89	2104.46	
340	2068.31	2173.12	
345	2097.62	2203.87	
350	2090.28	2196.17	
355	2046.42	2150.15	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission