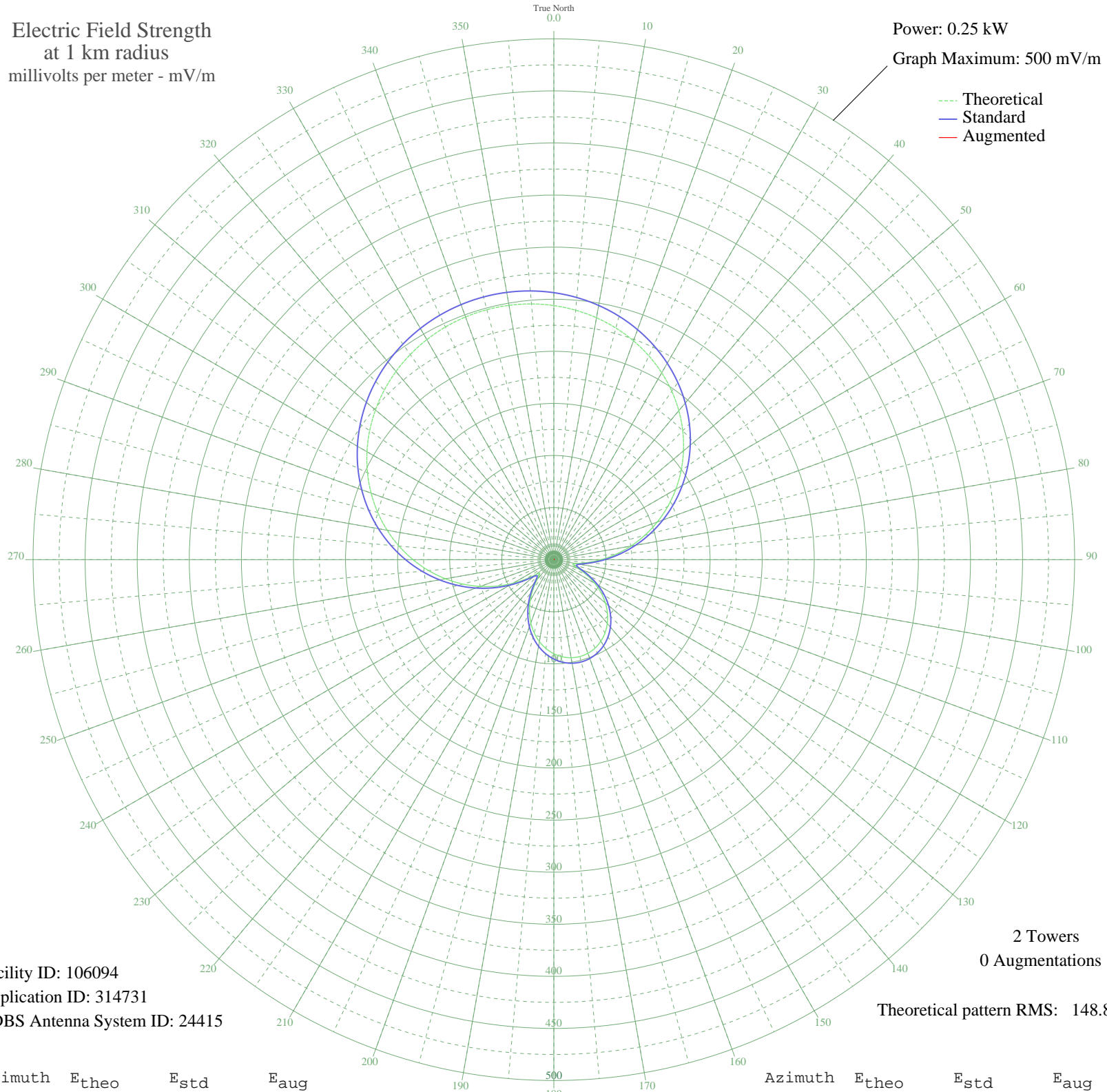


CJCW SUSSEX, NB Canada -- 590 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 106094
Application ID: 314731
CDBS Antenna System ID: 24415

2 Towers
0 Augmentations

Theoretical pattern RMS: 148.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	243.90	256.31	
5	240.37	252.60	
10	235.80	247.82	
15	230.20	241.94	
20	223.56	234.97	
25	215.87	226.91	
30	207.15	217.76	
35	197.41	207.55	
40	186.69	196.31	
45	175.04	184.09	
50	162.51	170.96	
55	149.20	157.01	
60	135.20	142.35	
65	120.65	127.11	
70	105.67	111.45	
75	90.44	95.54	
80	75.14	79.59	
85	60.03	63.90	
90	45.45	48.87	
95	32.10	35.30	
100	21.77	25.15	
105	18.90	22.45	
110	25.03	28.30	
115	34.88	38.10	
120	45.33	48.74	
125	55.36	59.07	
130	64.58	68.61	
135	72.78	77.13	
140	79.84	84.49	
145	85.70	90.60	
150	90.31	95.40	
155	93.61	98.85	
160	95.61	100.94	
165	96.27	101.63	
170	95.61	100.94	
175	93.61	98.86	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	90.31	95.40	
185	85.70	90.60	
190	79.84	84.49	
195	72.78	77.13	
200	64.58	68.61	
205	55.36	59.07	
210	45.33	48.74	
215	34.88	38.10	
220	25.03	28.30	
225	18.90	22.45	
230	21.77	25.15	
235	32.10	35.30	
240	45.45	48.87	
245	60.03	63.90	
250	75.14	79.59	
255	90.44	95.54	
260	105.67	111.45	
265	120.65	127.11	
270	135.20	142.35	
275	149.20	157.01	
280	162.51	170.96	
285	175.04	184.09	
290	186.69	196.31	
295	197.41	207.55	
300	207.15	217.76	
305	215.87	226.91	
310	223.56	234.97	
315	230.20	241.94	
320	235.80	247.82	
325	240.37	252.60	
330	243.90	256.31	
335	246.42	258.95	
340	247.93	260.53	
345	248.43	261.06	
350	247.93	260.53	
355	246.42	258.95	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission