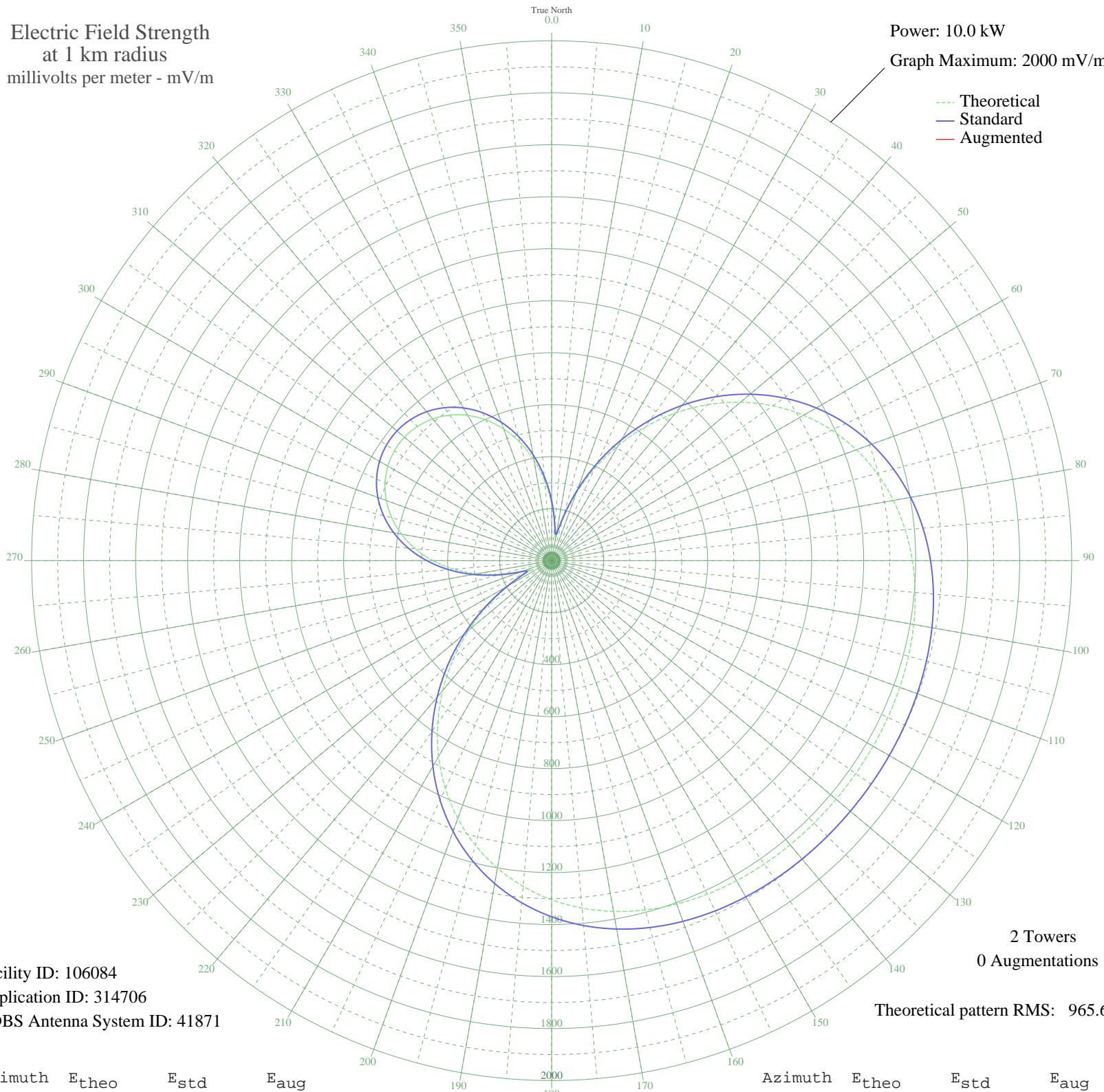


# CJFX ANTIGONISH, NS Canada -- 580 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106084  
Application ID: 314706  
CDBS Antenna System ID: 41871

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	216.93	230.18	
5	129.10	139.56	
10	93.47	103.61	
15	165.37	176.78	
20	274.29	289.91	
25	391.67	412.59	
30	510.77	537.33	
35	628.24	660.48	
40	741.61	779.40	
45	848.83	891.89	
50	948.22	996.19	
55	1038.47	1090.90	
60	1118.65	1175.06	
65	1188.29	1248.14	
70	1247.28	1310.07	
75	1295.94	1361.14	
80	1334.88	1402.02	
85	1365.02	1433.65	
90	1387.44	1457.19	
95	1403.38	1473.93	
100	1414.10	1485.17	
105	1420.81	1492.22	
110	1424.66	1496.26	
115	1426.62	1498.32	
120	1427.47	1499.22	
125	1427.76	1499.52	
130	1427.78	1499.54	
135	1427.56	1499.31	
140	1426.86	1498.57	
145	1425.18	1496.80	
150	1421.78	1493.24	
155	1415.72	1486.88	
160	1405.90	1476.57	
165	1391.11	1461.04	
170	1370.08	1438.97	
175	1341.58	1409.05	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1304.48	1370.10	
185	1257.82	1321.13	
190	1200.93	1261.42	
195	1133.43	1190.57	
200	1055.33	1108.59	
205	967.04	1015.93	
210	869.39	913.46	
215	763.60	802.47	
220	651.31	684.68	
225	534.48	562.18	
230	415.48	437.51	
235	297.40	314.03	
240	185.80	197.90	
245	101.12	111.25	
250	114.62	124.85	
255	198.53	211.08	
260	290.22	306.53	
265	377.17	397.42	
270	456.21	480.17	
275	526.10	553.40	
280	586.25	616.45	
285	636.43	669.08	
290	676.61	711.21	
295	706.84	742.92	
300	727.23	764.31	
305	737.88	775.49	
310	738.85	776.50	
315	730.14	767.36	
320	711.70	748.02	
325	683.44	718.38	
330	645.26	678.34	
335	597.08	627.82	
340	538.92	566.83	
345	470.95	495.61	
350	393.67	414.68	
355	308.14	325.24	

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