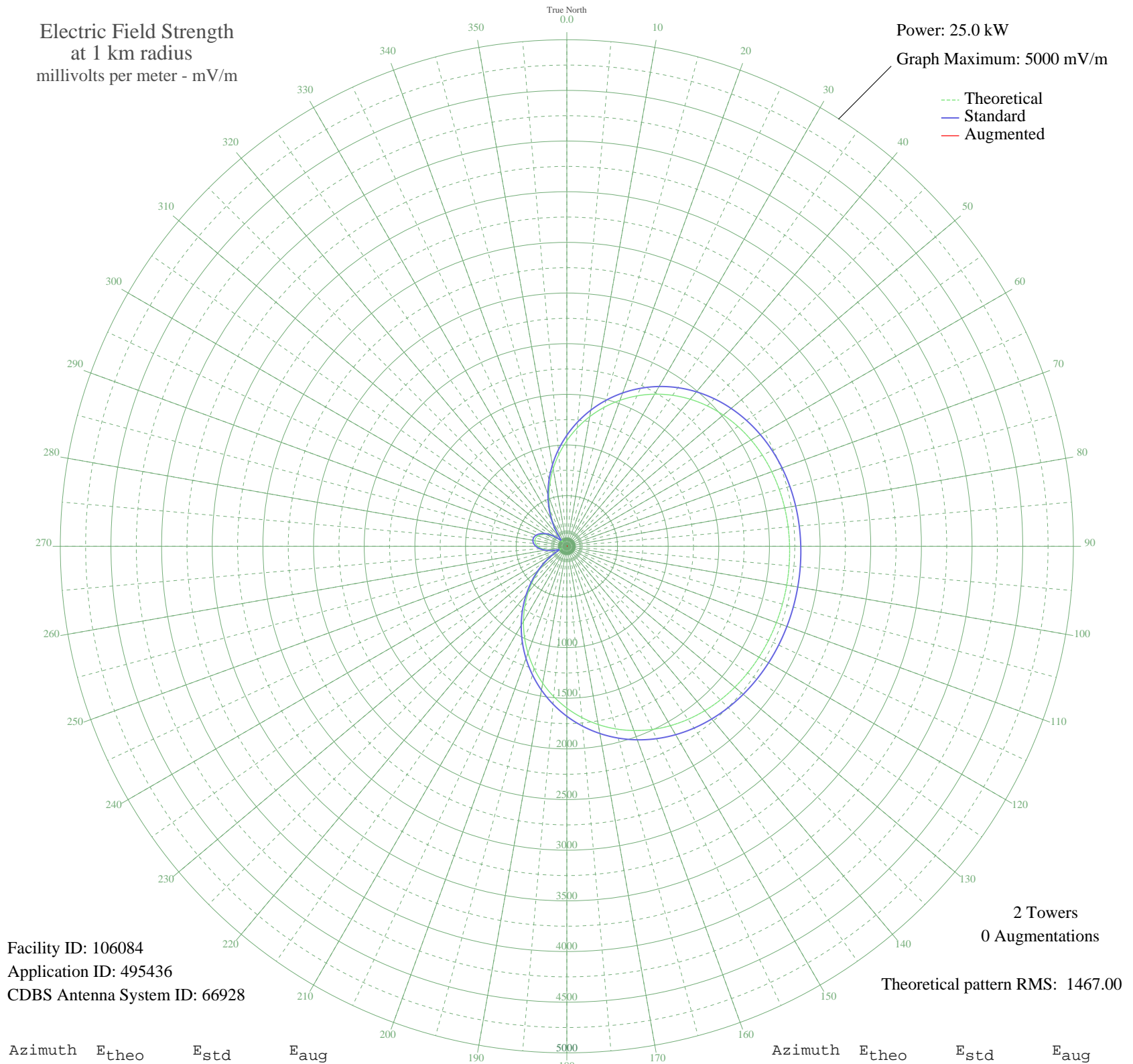


CJFX ANTIGONISH, NS Canada -- 580 kHz

Unlimited Time

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 106084
Application ID: 495436
CDBS Antenna System ID: 66928

2 Towers
0 Augmentations

Theoretical pattern RMS: 1467.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1042.19	1095.56	
5	1172.69	1232.44	
10	1299.09	1365.05	
15	1419.72	1491.63	
20	1533.13	1610.65	
25	1638.12	1720.83	
30	1733.77	1821.21	
35	1819.48	1911.18	
40	1894.98	1990.42	
45	1960.31	2058.99	
50	2015.77	2117.21	
55	2061.94	2165.68	
60	2099.57	2205.17	
65	2129.56	2236.66	
70	2152.89	2261.15	
75	2170.56	2279.70	
80	2183.55	2293.32	
85	2192.72	2302.95	
90	2198.82	2309.36	
95	2202.45	2313.17	
100	2203.99	2314.78	
105	2203.61	2314.39	
110	2201.27	2311.93	
115	2196.71	2307.14	
120	2189.45	2299.53	
125	2178.86	2288.40	
130	2164.11	2272.92	
135	2144.29	2252.12	
140	2118.42	2224.96	
145	2085.49	2190.39	
150	2044.55	2147.41	
155	1994.74	2095.13	
160	1935.39	2032.83	
165	1866.01	1960.02	
170	1786.41	1876.47	
175	1696.67	1782.28	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1597.20	1677.88	
185	1488.72	1564.04	
190	1372.26	1441.83	
195	1249.13	1312.64	
200	1120.88	1178.10	
205	989.25	1040.04	
210	856.08	900.42	
215	723.30	761.27	
220	592.83	624.68	
225	466.58	492.72	
230	346.48	367.58	
235	234.66	251.92	
240	134.70	150.86	
245	62.77	84.26	
250	82.24	101.06	
255	144.78	160.83	
260	203.10	219.63	
265	250.90	268.63	
270	286.70	305.58	
275	309.91	329.62	
280	320.27	340.36	
285	317.68	337.67	
290	302.16	321.58	
295	273.87	292.32	
300	233.17	250.40	
305	180.89	197.05	
310	119.44	135.96	
315	62.90	84.37	
320	85.19	103.72	
325	172.84	188.93	
330	278.23	296.82	
335	393.66	416.67	
340	516.45	544.81	
345	644.62	678.88	
350	776.24	816.74	
355	909.41	956.32	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission