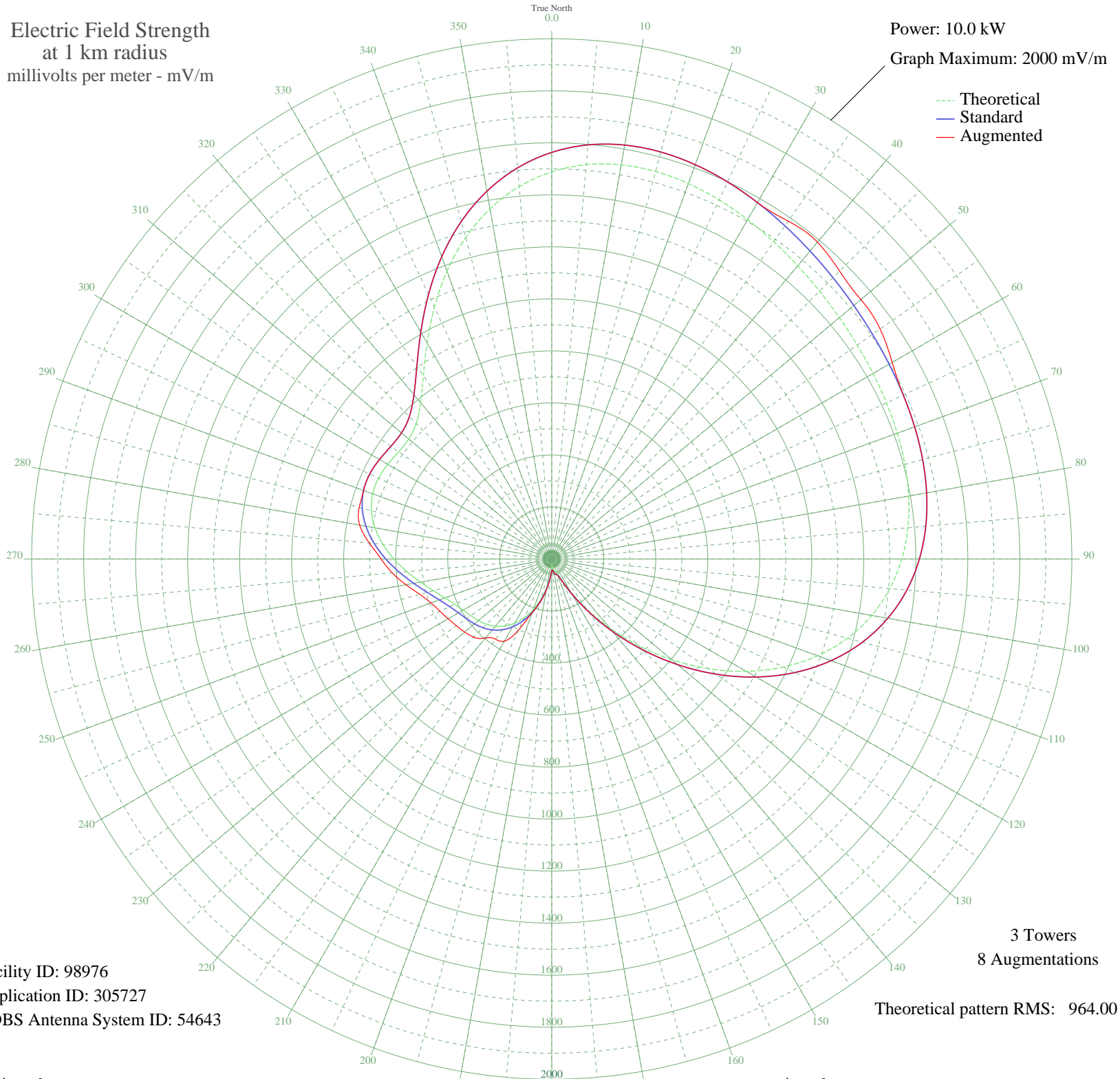


# CFAM ALTONA, MB Canada -- 950 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98976  
Application ID: 305727  
CDBS Antenna System ID: 54643

3 Towers  
8 Augmentations  
Theoretical pattern RMS: 964.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1488.43	1563.21	1563.21
5	1521.62	1598.04	1598.04
10	1538.64	1615.91	1615.91
15	1542.37	1619.83	1619.83
20	1536.11	1613.25	1613.25
25	1523.14	1599.64	1599.64
30	1506.48	1582.15	1582.15
35	1488.62	1563.40	1585.61
40	1471.47	1545.40	1590.00
45	1456.30	1529.47	1565.46
50	1443.75	1516.30	1551.67
55	1433.93	1505.99	1541.59
60	1426.38	1498.07	1511.84
65	1420.21	1491.59	1491.59
70	1414.00	1485.07	1485.07
75	1405.92	1476.59	1476.59
80	1393.68	1463.74	1463.74
85	1374.66	1443.78	1443.78
90	1346.06	1413.75	1413.75
95	1305.10	1370.75	1370.75
100	1249.38	1312.27	1312.27
105	1177.24	1236.55	1236.55
110	1088.12	1143.00	1143.00
115	982.81	1032.48	1032.48
120	863.68	907.48	907.48
125	734.65	772.10	772.10
130	600.94	631.86	631.86
135	468.68	493.23	493.23
140	344.41	363.15	363.15
145	234.57	248.53	248.53
150	145.33	156.16	156.16
155	83.21	93.47	93.47
160	54.64	66.29	66.29
165	49.28	61.48	61.48
170	42.50	55.63	55.63
175	27.52	44.01	44.01

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	29.02	45.07	45.07
185	64.44	75.37	75.37
190	110.35	120.53	120.53
195	158.76	169.97	169.97
200	205.64	218.46	218.46
205	248.26	262.78	300.64
210	284.85	300.93	365.00
215	314.59	331.98	376.49
220	337.56	355.99	396.64
225	354.73	373.94	425.00
230	367.90	387.72	436.98
235	379.66	400.03	447.56
240	393.11	414.10	460.00
245	411.40	433.24	474.67
250	436.97	460.02	494.19
255	470.84	495.50	525.10
260	512.25	538.89	569.33
265	558.76	587.64	615.31
270	606.73	637.93	656.28
275	651.93	685.33	704.07
280	690.13	725.40	750.00
285	717.78	754.40	766.33
290	732.69	770.04	770.04
295	734.96	772.42	772.42
300	727.85	764.97	764.97
305	718.49	755.15	755.15
310	717.56	754.17	754.17
315	736.85	774.40	774.40
320	784.42	824.31	824.31
325	860.64	904.28	904.28
330	958.55	1007.03	1007.03
335	1067.64	1121.52	1121.52
340	1177.39	1236.70	1236.70
345	1279.17	1343.54	1343.54
350	1366.91	1435.64	1435.64
355	1437.07	1509.29	1509.29