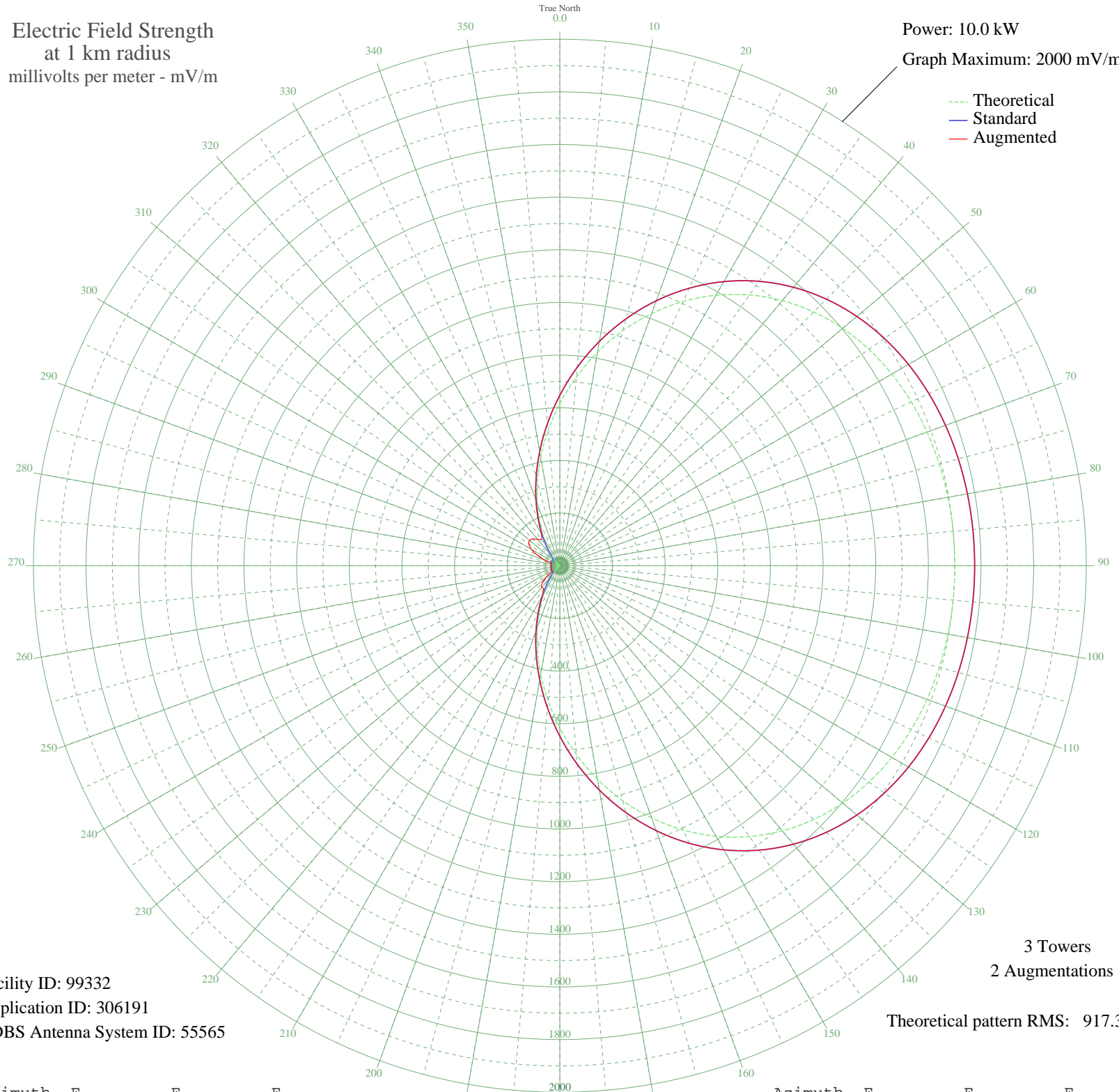


# CKBW BRIDGEWATER, NS Canada -- 1000 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99332  
Application ID: 306191  
CDBS Antenna System ID: 55565

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 917.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	615.98	647.63	647.63
5	719.84	756.56	756.56
10	823.45	865.26	865.26
15	924.14	970.91	970.91
20	1019.48	1070.97	1070.97
25	1107.45	1163.29	1163.29
30	1186.52	1246.28	1246.28
35	1255.72	1318.92	1318.92
40	1314.66	1380.79	1380.79
45	1363.45	1432.01	1432.01
50	1402.66	1473.17	1473.17
55	1433.21	1505.24	1505.24
60	1456.22	1529.39	1529.39
65	1472.94	1546.94	1546.94
70	1484.59	1559.18	1559.18
75	1492.34	1567.31	1567.31
80	1497.13	1572.34	1572.34
85	1499.70	1575.04	1575.04
90	1500.51	1575.88	1575.88
95	1499.70	1575.04	1575.04
100	1497.13	1572.34	1572.34
105	1492.34	1567.31	1567.31
110	1484.59	1559.18	1559.18
115	1472.94	1546.94	1546.94
120	1456.22	1529.39	1529.39
125	1433.21	1505.24	1505.24
130	1402.66	1473.17	1473.17
135	1363.45	1432.01	1432.01
140	1314.66	1380.79	1380.79
145	1255.72	1318.92	1318.92
150	1186.52	1246.28	1246.28
155	1107.45	1163.29	1163.29
160	1019.48	1070.97	1070.97
165	924.14	970.91	970.91
170	823.45	865.26	865.26
175	719.84	756.56	756.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	615.98	647.63	647.63
185	514.60	541.35	541.35
190	418.31	440.48	440.48
195	329.44	347.50	347.50
200	249.84	264.42	264.42
205	180.83	192.75	192.75
210	123.11	133.47	133.95
215	76.78	87.19	107.37
220	41.37	54.68	106.79
225	15.95	37.19	95.84
230	0.80	33.21	63.11
235	10.39	34.95	34.95
240	14.48	36.52	36.52
245	14.69	36.61	36.61
250	12.54	35.72	35.72
255	9.39	34.64	34.64
260	6.32	33.86	33.86
265	4.15	33.49	33.49
270	3.37	33.39	33.39
275	4.15	33.49	33.49
280	6.32	33.86	33.86
285	9.39	34.64	34.64
290	12.54	35.72	57.61
295	14.69	36.61	93.45
300	14.48	36.52	123.85
305	10.39	34.95	143.44
310	0.80	33.21	150.00
315	15.95	37.19	144.00
320	41.37	54.68	130.36
325	76.78	87.19	122.45
330	123.11	133.47	140.91
335	180.83	192.75	192.75
340	249.84	264.42	264.42
345	329.44	347.50	347.50
350	418.31	440.48	440.48
355	514.60	541.35	541.35

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