

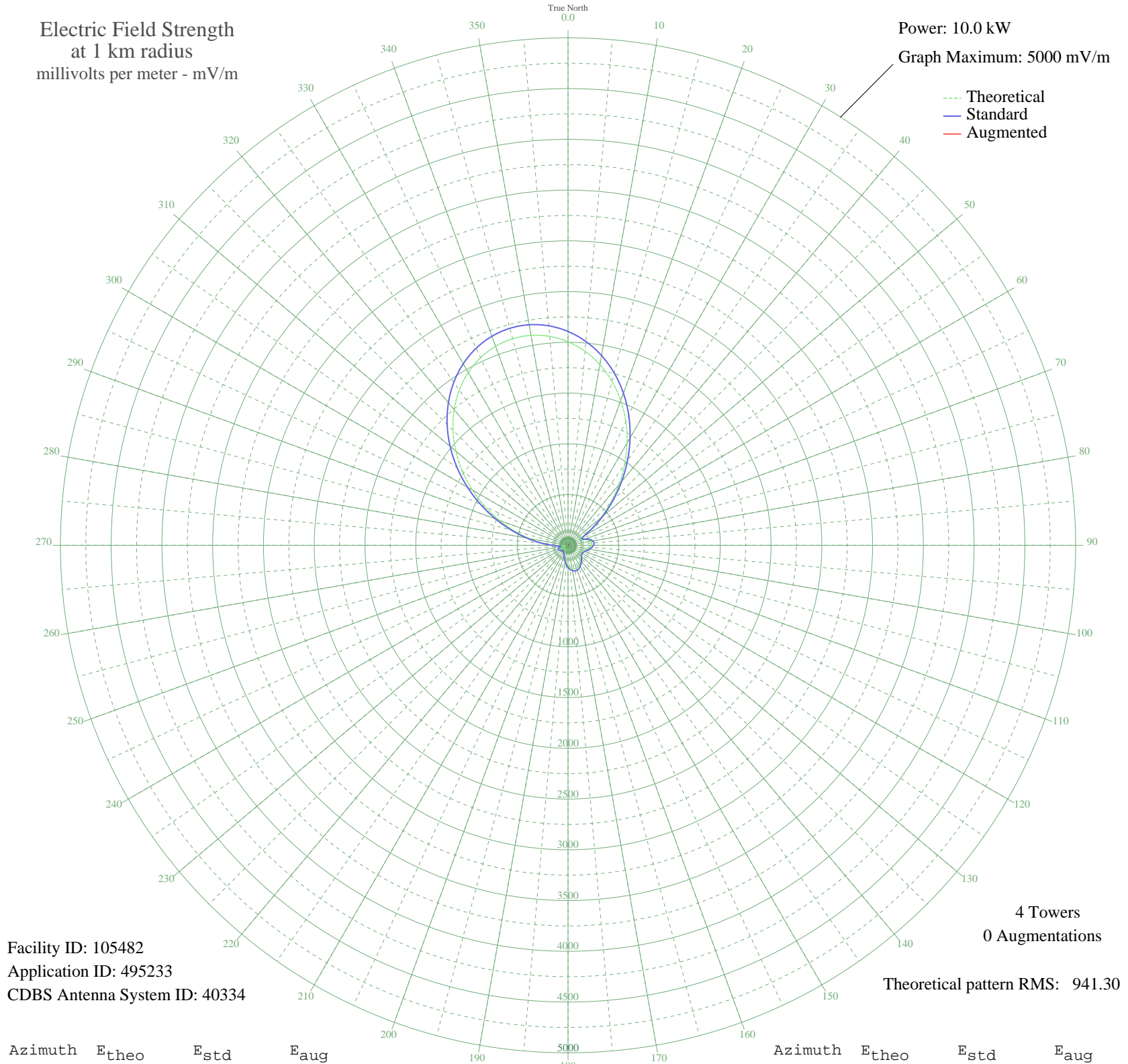
CJLM JOLIETTE, QC Canada -- 1350 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 105482
Application ID: 495233
CDBS Antenna System ID: 40334

4 Towers
0 Augmentations

Theoretical pattern RMS: 941.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2005.78	2107.07	
5	1918.93	2015.93	
10	1807.23	1898.72	
15	1672.60	1757.44	
20	1517.69	1594.91	
25	1346.05	1414.86	
30	1162.14	1221.99	
35	971.33	1021.98	
40	779.76	821.35	
45	594.28	627.39	
50	422.42	448.31	
55	273.50	294.48	
60	163.99	184.13	
65	128.15	149.53	
70	160.35	180.55	
75	201.56	221.46	
80	228.40	248.53	
85	237.73	258.00	
90	232.15	252.33	
95	216.22	236.21	
100	195.08	214.97	
105	173.64	193.63	
110	155.89	176.20	
115	144.50	165.15	
120	140.55	161.35	
125	143.86	164.54	
130	153.46	173.83	
135	167.87	187.94	
140	185.21	205.12	
145	203.31	223.21	
150	219.84	239.86	
155	232.64	252.83	
160	239.92	260.22	
165	240.42	260.73	
170	233.52	253.72	
175	219.33	239.35	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	198.64	218.53	
185	172.94	192.94	
190	144.31	164.97	
195	115.33	137.54	
200	88.81	113.80	
205	67.45	96.28	
210	52.88	85.66	
215	44.53	80.25	
220	40.38	77.79	
225	40.31	77.75	
230	46.38	81.40	
235	58.10	89.31	
240	71.04	99.08	
245	79.37	105.83	
250	77.35	104.17	
255	60.13	90.78	
260	28.76	71.88	
265	53.00	85.74	
270	138.32	159.21	
275	251.81	272.32	
280	389.32	413.96	
285	546.88	577.92	
290	719.50	758.28	
295	901.38	948.70	
300	1086.42	1142.60	
305	1268.56	1333.58	
310	1442.19	1515.71	
315	1602.39	1683.78	
320	1745.05	1833.47	
325	1866.91	1961.34	
330	1965.51	2064.82	
335	2039.11	2142.06	
340	2086.53	2191.83	
345	2107.07	2213.39	
350	2100.40	2206.38	
355	2066.52	2170.82	

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