CJMR MISSISSAUGA, ON Canada -- 1320 kHz

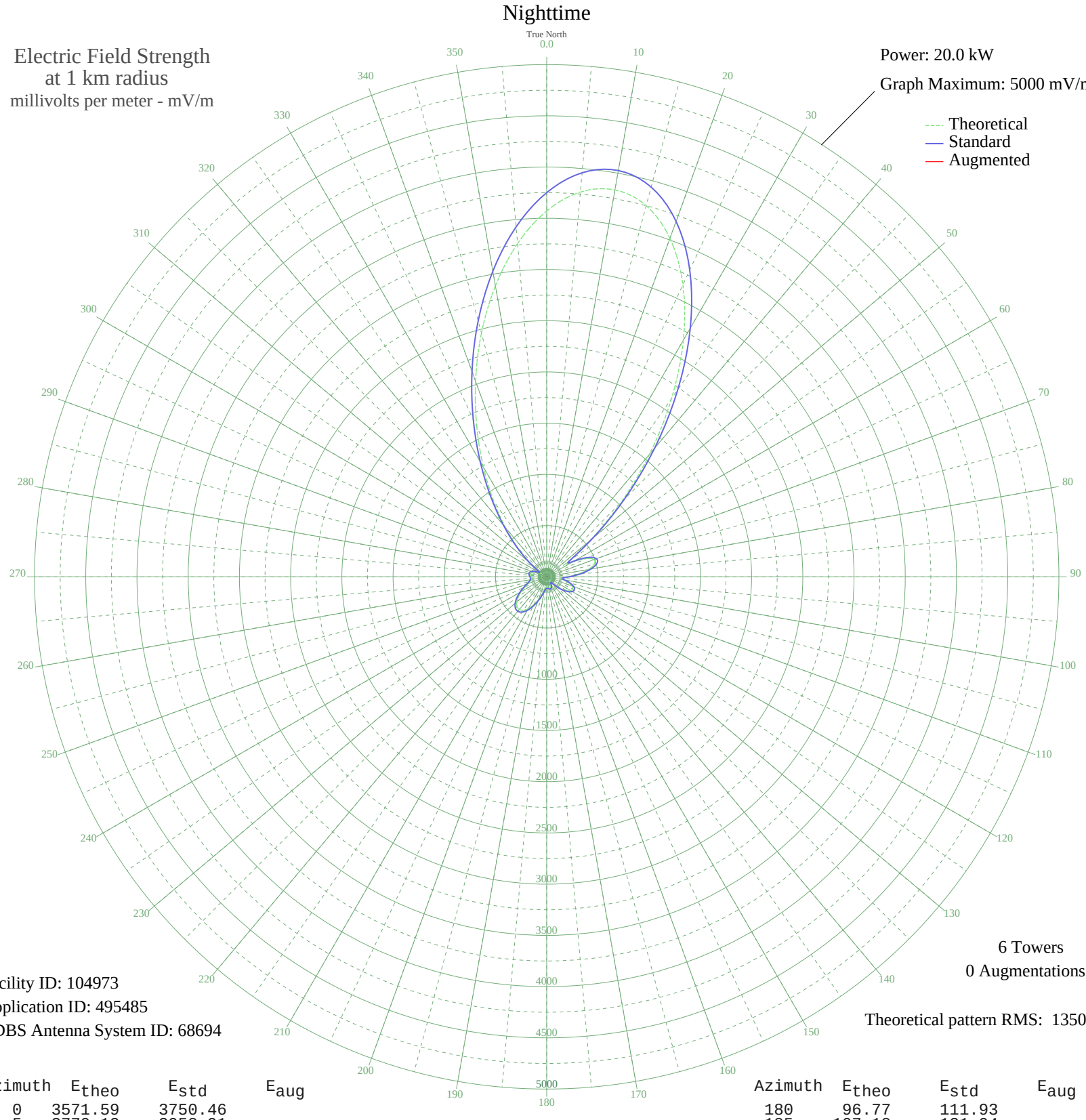
Nighttime

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

Power: 20.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented



6 Towers
0 Augmentations

Facility ID: 104973
Application ID: 495485
CDBS Antenna System ID: 68694

Theoretical pattern RMS: 1350.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3571.59	3750.46	
5	3770.12	3958.91	
10	3834.94	4026.96	
15	3750.72	3938.54	
20	3516.32	3692.44	
25	3146.12	3303.76	
30	2668.93	2802.77	
35	2124.67	2231.40	
40	1559.50	1638.15	
45	1020.91	1072.98	
50	557.38	587.13	
55	254.02	270.83	
60	288.95	307.01	
65	423.88	447.54	
70	490.52	517.18	
75	481.30	507.54	
80	413.51	436.72	
85	311.16	330.08	
90	203.68	218.96	
95	138.65	152.97	
100	162.32	176.79	
105	220.33	236.07	
110	264.18	281.34	
115	281.05	298.81	
120	269.83	287.19	
125	234.37	250.53	
130	181.40	196.17	
135	119.71	134.18	
140	61.63	79.96	
145	40.85	63.60	
150	70.02	87.24	
155	96.48	111.66	
160	108.97	123.68	
165	109.17	123.87	
170	102.82	117.74	
175	96.84	112.00	

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.

15 Nov 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	96.77	111.93	
185	107.18	121.94	
190	133.45	147.78	
195	178.08	192.79	
200	236.77	253.00	
205	300.12	318.61	
210	357.13	377.91	
215	397.92	420.44	
220	415.93	439.24	
225	409.14	432.16	
230	380.26	402.03	
235	335.74	355.64	
240	284.13	302.01	
245	234.07	250.22	
250	192.55	207.56	
255	163.69	178.18	
260	148.41	162.76	
265	144.92	159.25	
270	149.51	163.86	
275	157.19	171.60	
280	162.26	176.73	
285	158.92	173.35	
290	141.80	156.12	
295	107.19	121.95	
300	63.12	81.22	
305	94.06	109.36	
310	217.98	233.65	
315	394.63	417.01	
320	622.33	655.14	
325	902.94	949.25	
330	1235.83	1298.47	
335	1615.67	1697.10	
340	2030.79	2132.84	
345	2462.34	2585.89	
350	2884.41	3028.99	
355	3265.51	3429.11	