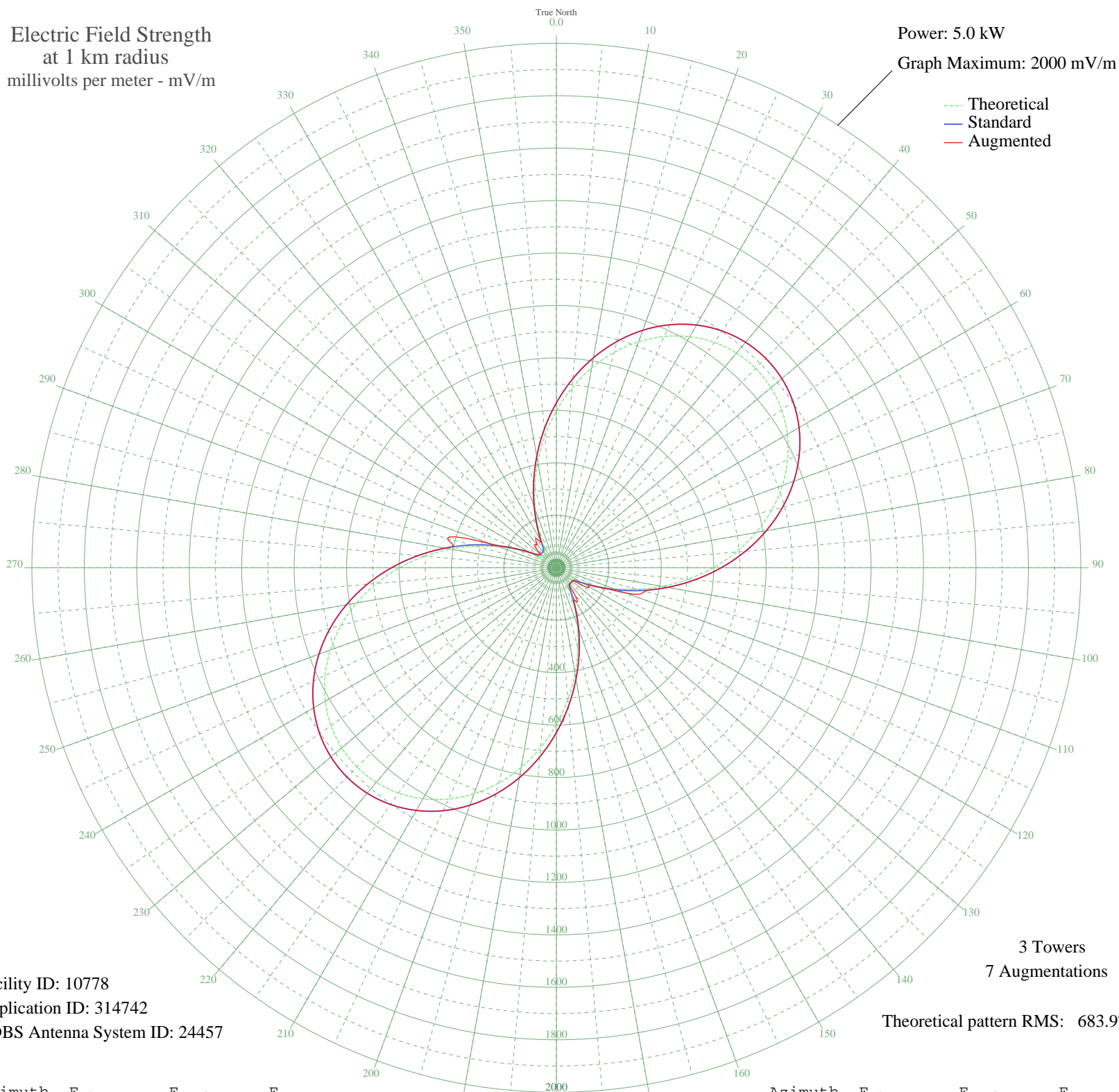


# KSJB JAMESTOWN, ND BL-- 600 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 10778  
Application ID: 314742  
CDBS Antenna System ID: 24457

3 Towers  
7 Augmentations  
Theoretical pattern RMS: 683.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	597.81	628.65	628.65
5	688.65	723.91	723.91
10	773.46	812.86	812.86
15	850.13	893.30	893.30
20	917.04	963.52	963.52
25	973.01	1022.25	1022.25
30	1017.20	1068.62	1068.62
35	1049.08	1102.08	1102.08
40	1068.32	1122.27	1122.27
45	1074.75	1129.02	1129.02
50	1068.32	1122.27	1122.27
55	1049.08	1102.08	1102.08
60	1017.20	1068.62	1068.62
65	973.01	1022.25	1022.25
70	917.04	963.52	963.52
75	850.13	893.30	893.30
80	773.46	812.86	812.86
85	688.65	723.91	723.91
90	597.81	628.65	628.65
95	503.55	529.86	529.86
100	408.97	430.81	430.81
105	317.63	335.30	349.45
110	233.54	247.65	282.27
115	161.30	172.87	172.87
120	106.59	117.15	143.27
125	75.79	86.77	105.45
130	67.65	79.01	79.01
135	67.70	79.05	79.05
140	67.65	79.01	79.01
145	75.79	86.77	109.09
150	106.59	117.15	148.34
155	161.30	172.87	172.87
160	233.54	247.65	247.65
165	317.63	335.30	335.30
170	408.97	430.81	430.81
175	503.55	529.86	529.86

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	597.81	628.65	628.65
185	688.65	723.91	723.91
190	773.46	812.86	812.86
195	850.13	893.30	893.30
200	917.04	963.52	963.52
205	973.01	1022.25	1022.25
210	1017.20	1068.62	1068.62
215	1049.08	1102.08	1102.08
220	1068.32	1122.27	1122.27
225	1074.75	1129.02	1129.02
230	1068.32	1122.27	1122.27
235	1049.08	1102.08	1102.08
240	1017.20	1068.62	1068.62
245	973.01	1022.25	1022.25
250	917.04	963.52	963.52
255	850.13	893.30	893.30
260	773.45	812.86	812.86
265	688.65	723.91	723.91
270	597.81	628.65	628.65
275	503.55	529.86	529.86
280	408.97	430.81	430.81
285	317.63	335.30	430.45
290	233.54	247.65	262.72
295	161.30	172.86	172.86
300	106.59	117.15	117.15
305	75.79	86.77	86.77
310	67.65	79.01	79.01
315	67.70	79.05	115.36
320	67.65	79.01	114.00
325	75.79	86.77	136.56
330	106.59	117.15	117.15
335	161.31	172.87	172.87
340	233.54	247.65	247.65
345	317.63	335.30	335.30
350	408.97	430.81	430.81
355	503.55	529.86	529.86