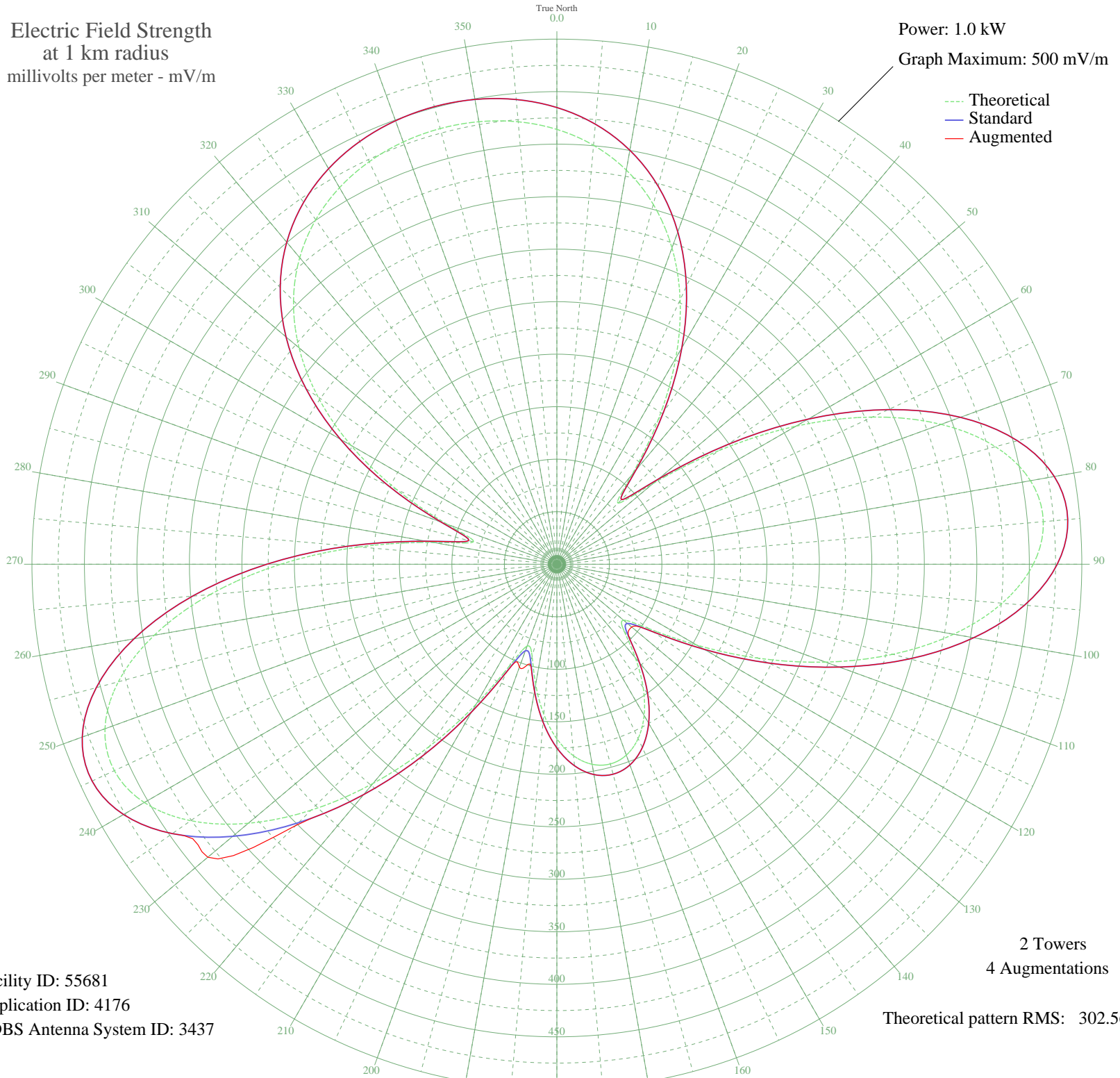


KCJB MINOT, ND BL-19780828AN 910 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 55681
Application ID: 4176
CDBS Antenna System ID: 3437

2 Towers
4 Augmentations
Theoretical pattern RMS: 302.56

Azimuth	E _{theo}	E _{std}	E _{aug}
0	414.05	434.88	434.88
5	400.45	420.61	420.61
10	381.08	400.27	400.27
15	354.79	372.68	372.68
20	320.58	336.77	336.77
25	277.79	291.87	291.87
30	226.57	238.12	238.12
35	168.72	177.47	177.47
40	111.24	117.27	117.27
45	82.20	86.94	86.94
50	119.59	126.01	126.01
55	189.03	198.76	198.76
60	262.96	276.30	276.30
65	331.63	348.36	348.36
70	389.44	409.05	409.05
75	432.46	454.20	454.20
80	458.07	481.09	481.09
85	465.10	488.47	488.47
90	453.80	476.60	476.60
95	425.78	447.19	447.19
100	383.76	403.09	403.09
105	331.31	348.03	348.03
110	272.49	286.30	286.30
115	211.72	222.55	222.55
120	154.07	162.11	162.11
125	106.83	112.66	112.66
130	82.88	87.65	93.03
135	90.99	96.11	96.65
140	116.24	122.50	122.50
145	143.29	150.82	150.82
150	166.24	174.86	174.86
155	183.16	192.61	192.61
160	193.43	203.38	203.38
165	196.87	206.98	206.98
170	193.43	203.38	203.38
175	183.16	192.61	192.64

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	166.24	174.86	174.97
185	143.29	150.82	151.04
190	116.24	122.50	122.90
195	90.99	96.11	98.39
200	82.88	87.65	104.31
205	106.83	112.66	113.15
210	154.07	162.11	162.38
215	211.72	222.55	222.68
220	272.49	286.30	286.35
225	331.31	348.03	351.95
230	383.76	403.09	434.03
235	425.78	447.19	447.19
240	453.80	476.60	476.60
245	465.10	488.47	488.47
250	458.07	481.09	481.09
255	432.46	454.20	454.20
260	389.44	409.05	409.05
265	331.63	348.37	348.37
270	262.96	276.30	276.30
275	189.03	198.76	198.76
280	119.59	126.01	126.01
285	82.20	86.94	86.94
290	111.24	117.27	117.27
295	168.72	177.47	177.47
300	226.56	238.12	238.12
305	277.79	291.87	291.87
310	320.57	336.77	336.77
315	354.79	372.67	372.67
320	381.07	400.27	400.27
325	400.45	420.61	420.61
330	414.05	434.88	434.88
335	422.91	444.18	444.18
340	427.87	449.38	449.38
345	429.46	451.05	451.05
350	427.87	449.38	449.38
355	422.91	444.18	444.18