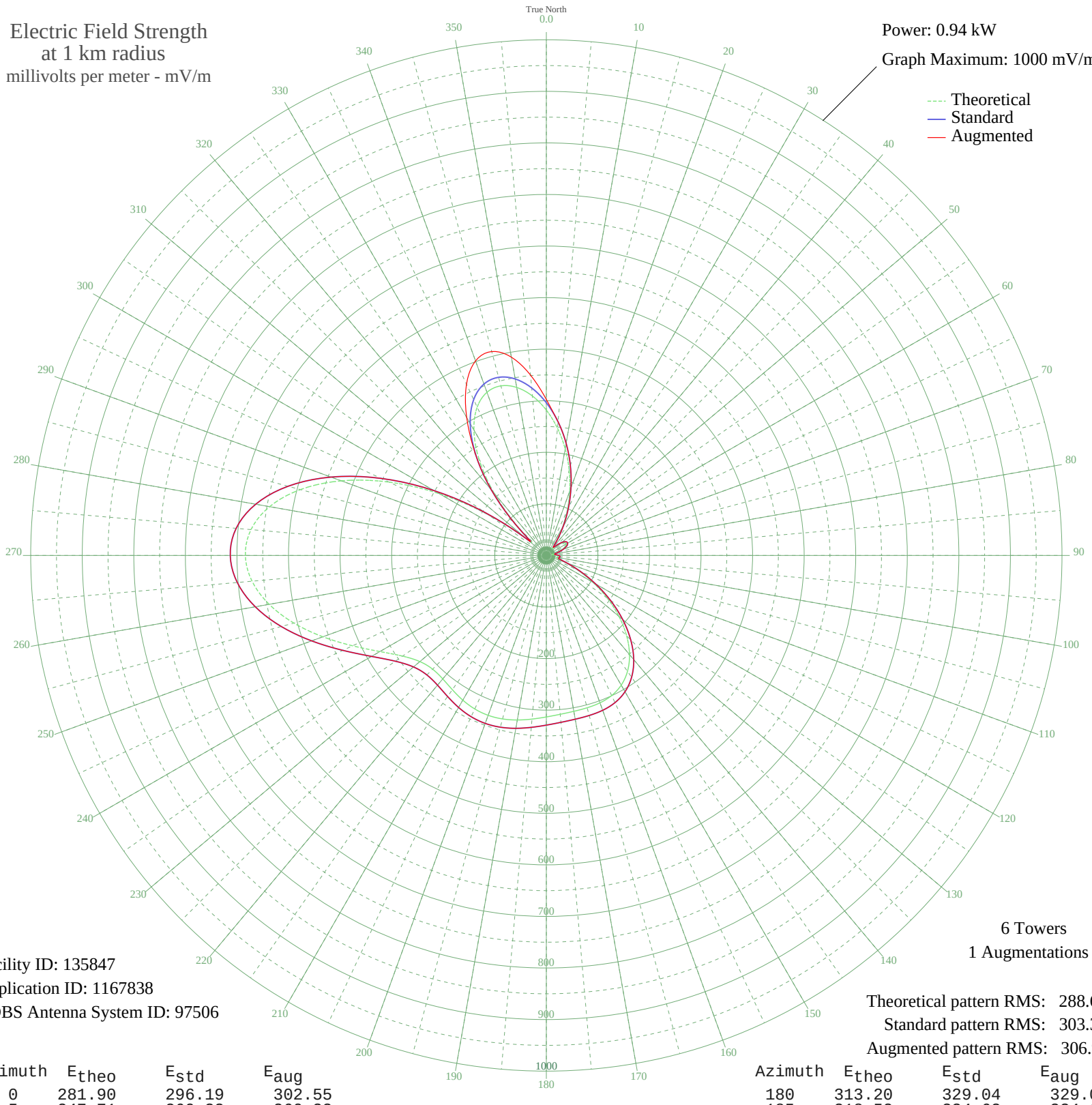
KVOX FARGO, ND BL-20061214ACN 740 kHz

Nighttime

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



Power: 0.94 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

6 Towers
1 Augmentations

Facility ID: 135847
Application ID: 1167838
CDBS Antenna System ID: 97506

Theoretical pattern RMS: 288.67
Standard pattern RMS: 303.30
Augmented pattern RMS: 306.93

Azimuth	E_{theo}	E_{std}	E_{aug}
0	281.90	296.19	302.55
5	247.71	260.33	260.33
10	210.17	220.95	220.95
15	171.23	180.12	180.12
20	132.57	139.63	139.63
25	95.66	101.04	101.04
30	61.92	65.94	65.94
35	33.30	36.63	36.63
40	16.61	20.59	20.59
45	23.91	27.39	27.39
50	35.78	39.13	39.13
55	42.98	46.43	46.43
60	44.32	47.81	47.81
65	40.09	43.50	43.50
70	31.37	34.71	34.71
75	20.25	23.91	23.91
80	11.55	16.33	16.33
85	14.12	18.43	18.43
90	20.66	24.29	24.29
95	23.36	26.86	26.86
100	21.40	24.99	24.99
105	22.12	25.68	25.68
110	38.45	41.83	41.83
115	67.72	71.94	71.94
120	104.24	110.00	110.00
125	144.09	151.69	151.69
130	183.77	193.27	193.27
135	220.18	231.44	231.44
140	250.87	263.64	263.64
145	274.40	288.32	288.32
150	290.42	305.14	305.14
155	299.76	314.94	314.94
160	304.14	319.53	319.53
165	305.79	321.26	321.26
170	306.94	322.47	322.47
175	309.20	324.84	324.84

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

Azimuth	E_{theo}	E_{std}	E_{aug}
180	313.20	329.04	329.04
185	318.52	334.62	334.62
190	323.99	340.37	340.37
195	328.20	344.78	344.78
200	329.91	346.58	346.58
205	328.45	345.04	345.04
210	323.98	340.36	340.36
215	317.80	333.87	333.87
220	312.50	328.31	328.31
225	311.88	327.65	327.65
230	320.15	336.33	336.33
235	340.34	357.52	357.52
240	372.72	391.51	391.51
245	414.59	435.45	435.45
250	461.16	484.34	484.34
255	506.79	532.24	532.24
260	545.79	573.18	573.18
265	572.90	601.64	601.64
270	583.69	612.97	612.97
275	574.95	603.80	603.80
280	544.96	572.31	572.31
285	493.73	518.53	518.53
290	423.09	444.37	444.37
295	336.58	353.58	353.58
300	239.25	251.45	251.45
305	137.69	144.98	144.98
310	46.77	50.31	50.31
315	76.37	80.93	80.93
320	157.41	165.64	165.64
325	227.32	238.93	239.44
330	281.06	295.32	308.92
335	317.40	333.45	366.40
340	336.72	353.72	401.49
345	340.47	357.66	409.34
350	330.86	347.57	390.47
355	310.45	326.16	351.00