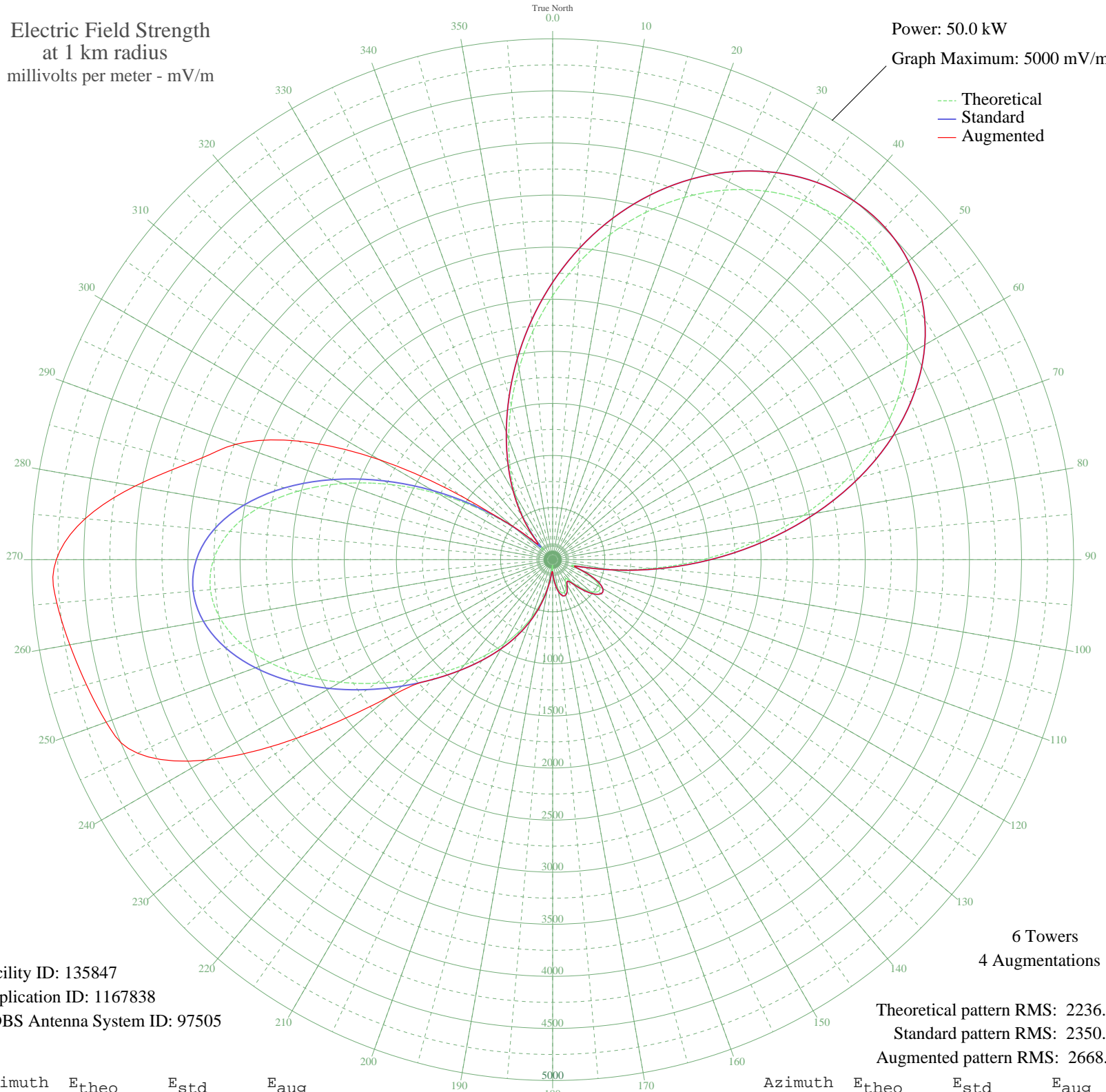


# KVOX FARGO, ND BL-20061214ACN 740 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 135847  
Application ID: 1167838  
CDBS Antenna System ID: 97505

Theoretical pattern RMS: 2236.80  
Standard pattern RMS: 2350.67  
Augmented pattern RMS: 2668.20

Azimuth	Etheo	Estd	Eaug
0	2534.25	2662.76	2662.76
5	2861.25	3005.91	3005.91
10	3169.26	3329.16	3329.16
15	3451.09	3624.96	3624.96
20	3700.94	3887.22	3887.22
25	3913.83	4110.68	4110.68
30	4084.98	4290.35	4290.35
35	4209.36	4420.91	4420.91
40	4281.38	4496.51	4496.51
45	4294.96	4510.77	4510.77
50	4243.90	4457.16	4457.16
55	4122.50	4329.73	4329.73
60	3926.68	4124.17	4124.17
65	3655.09	3839.09	3839.09
70	3310.41	3477.31	3477.31
75	2900.40	3047.00	3047.00
80	2438.50	2562.30	2562.30
85	1943.83	2043.37	2043.37
90	1440.45	1515.64	1515.64
95	956.32	1008.89	1008.89
100	524.41	559.26	559.26
105	214.71	245.78	245.78
110	261.23	291.23	291.23
115	426.68	458.58	458.58
120	520.86	555.59	555.59
125	533.00	568.14	568.14
130	477.15	510.48	510.48
135	378.56	409.36	409.36
140	274.49	304.37	304.37
145	220.09	250.97	250.97
150	245.89	276.11	276.11
155	299.83	329.69	329.69
160	332.85	362.93	362.93
165	326.29	356.31	356.31
170	276.58	306.46	306.46
175	188.29	220.61	220.61

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	77.76	127.46	127.46
185	103.61	146.34	146.34
190	255.85	285.91	285.91
195	421.39	453.15	453.15
200	590.06	627.24	627.24
205	760.05	804.03	804.03
210	934.04	985.61	985.61
215	1118.10	1178.08	1178.08
220	1319.71	1389.15	1389.15
225	1544.99	1625.19	1625.19
230	1795.97	1888.31	2053.74
235	2068.77	2174.41	2976.97
240	2353.11	2472.70	3848.86
245	2633.09	2766.48	4396.24
250	2888.79	3034.81	4560.36
255	3098.38	3254.77	4633.19
260	3240.52	3403.96	4705.74
265	3297.03	3463.26	4776.86
270	3255.26	3419.42	4763.87
275	3110.20	3267.18	4504.63
280	2865.72	3010.60	4068.82
285	2534.78	2663.32	3600.48
290	2138.36	2247.41	3237.46
295	1703.21	1791.05	2693.45
300	1258.58	1325.12	1918.38
305	832.55	879.63	1040.45
310	449.77	482.29	493.35
315	153.56	188.62	222.60
320	235.60	266.04	289.66
325	473.92	507.14	515.69
330	711.72	753.69	755.93
335	961.08	1013.87	1013.97
340	1235.00	1300.44	1300.44
345	1536.74	1616.55	1616.55
350	1860.89	1956.39	1956.39
355	2197.24	2309.17	2309.17