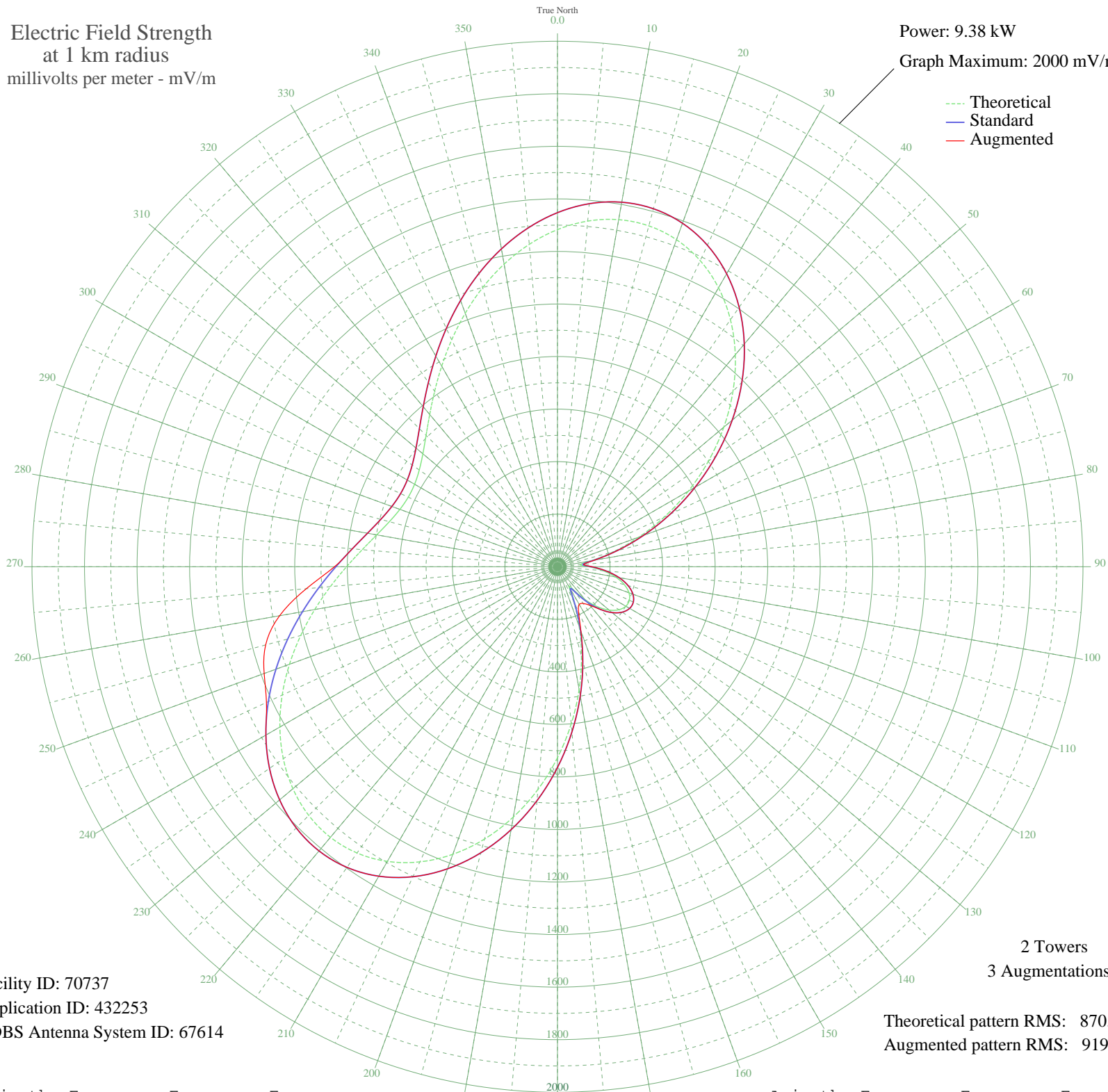


KLOH PIPESTONE, MN BL-19991129AAU 1050 kHz

Daytime

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

Power: 9.38 kW
Graph Maximum: 2000 mV/m



Facility ID: 70737
Application ID: 432253
CDBS Antenna System ID: 67614

Theoretical pattern RMS: 870.87
Augmented pattern RMS: 919.96

Azimuth	Etheo	Estd	Eaug
0	1283.10	1347.64	1347.64
5	1320.57	1386.97	1386.97
10	1341.29	1408.72	1408.72
15	1343.10	1410.62	1410.62
20	1324.63	1391.23	1391.23
25	1285.41	1350.07	1350.07
30	1225.95	1287.65	1287.65
35	1147.69	1205.51	1205.51
40	1052.92	1106.04	1106.04
45	944.64	992.39	992.39
50	826.35	868.26	868.26
55	701.84	737.63	737.63
60	575.03	604.64	604.64
65	449.78	473.37	473.37
70	330.00	347.99	347.99
75	220.19	233.43	233.88
80	128.96	139.17	141.43
85	85.84	95.70	100.00
90	118.79	128.81	131.24
95	174.34	185.86	186.43
100	224.56	237.97	237.97
105	263.48	278.51	278.51
110	289.41	305.58	305.58
115	301.78	318.50	318.50
120	300.40	317.06	317.06
125	285.30	301.28	301.28
130	256.70	271.45	271.45
135	215.33	228.38	228.81
140	163.30	174.45	191.51
145	108.62	118.50	170.65
150	87.91	97.74	165.60
155	144.88	155.48	189.74
160	241.07	255.16	260.95
165	353.32	372.38	372.38
170	474.52	499.29	499.29
175	600.39	631.23	631.23

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	727.05	764.08	764.08
185	850.63	893.74	893.74
190	967.21	1016.08	1016.08
195	1073.06	1127.17	1127.17
200	1164.75	1223.41	1223.41
205	1239.41	1301.78	1301.78
210	1294.91	1360.03	1360.03
215	1329.98	1396.85	1396.85
220	1344.33	1411.91	1411.91
225	1338.60	1405.90	1405.90
230	1314.34	1380.43	1380.43
235	1273.83	1337.91	1337.91
240	1219.96	1281.37	1281.37
245	1156.02	1214.25	1222.14
250	1085.45	1140.18	1187.93
255	1011.71	1062.78	1149.82
260	938.07	985.50	1073.90
265	867.53	911.48	959.64
270	802.71	843.46	848.60
275	745.81	783.76	783.76
280	698.58	734.22	734.22
285	662.40	696.26	696.26
290	638.21	670.89	670.89
295	626.62	658.74	658.74
300	627.91	660.09	660.09
305	642.06	674.92	674.92
310	668.70	702.87	702.87
315	707.18	743.24	743.24
320	756.46	794.94	794.94
325	815.11	856.47	856.47
330	881.26	925.88	925.88
335	952.64	1000.79	1000.79
340	1026.55	1078.36	1078.36
345	1099.93	1155.37	1155.37
350	1169.45	1228.35	1228.35
355	1231.65	1293.64	1293.64