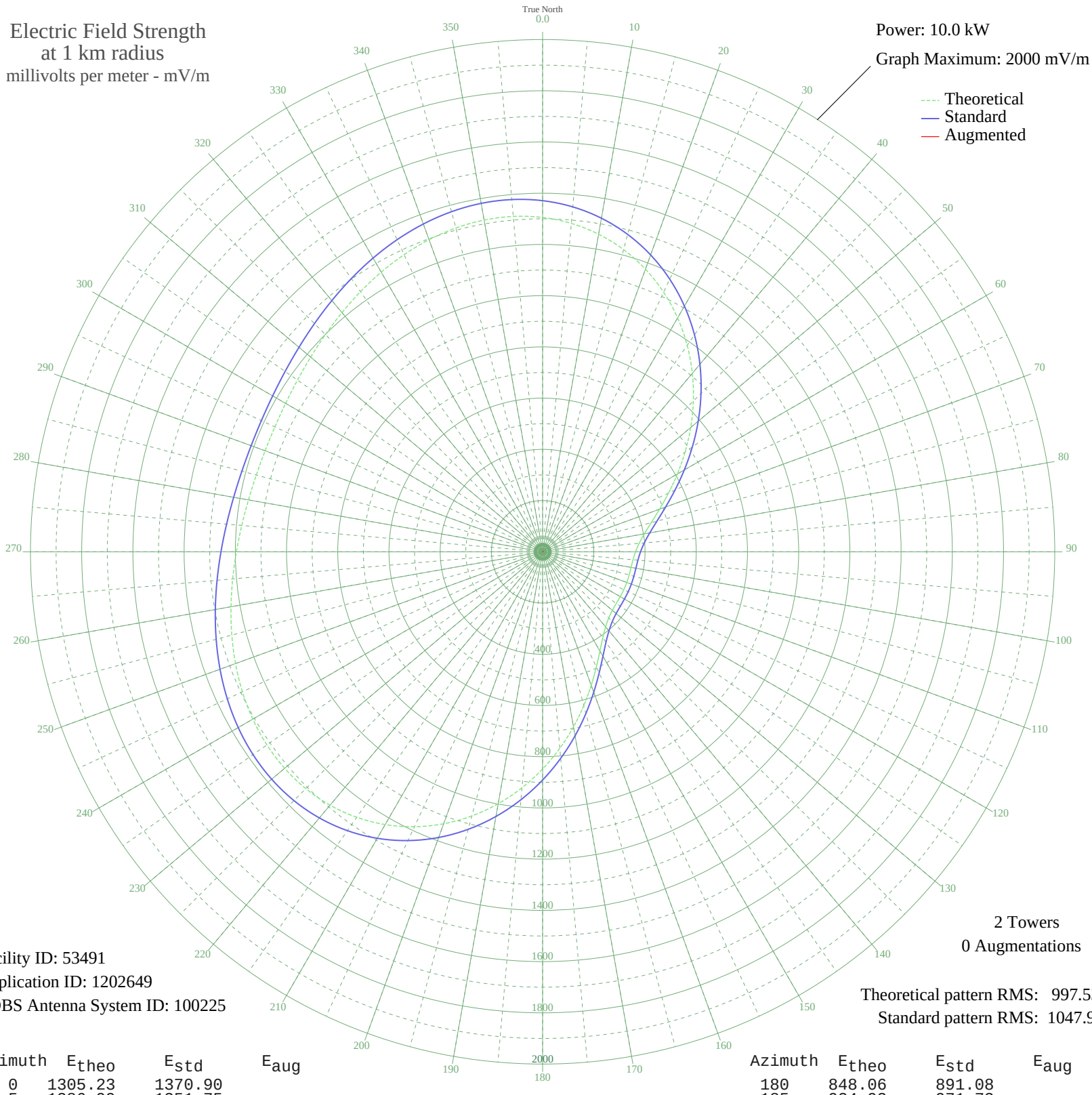
KABA EAGLE RIVER, AK BP-20070830ADV 1020 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 53491
Application ID: 1202649
CDBS Antenna System ID: 100225

Theoretical pattern RMS: 997.53
Standard pattern RMS: 1047.93

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1305.23	1370.90	
5	1286.99	1351.75	
10	1259.10	1322.47	
15	1221.42	1282.92	
20	1174.22	1233.38	
25	1118.20	1174.58	
30	1054.43	1107.65	
35	984.36	1034.11	
40	909.72	955.78	
45	832.52	874.77	
50	754.91	793.35	
55	679.17	713.90	
60	607.60	638.85	
65	542.45	570.54	
70	485.75	511.12	
75	439.11	462.26	
80	403.39	424.86	
85	378.42	398.72	
90	362.86	382.45	
95	354.54	373.74	
100	350.96	370.00	
105	349.90	368.89	
110	349.76	368.74	
115	349.76	368.75	
120	350.00	368.99	
125	351.41	370.47	
130	355.74	375.00	
135	365.31	385.01	
140	382.60	403.10	
145	409.65	431.42	
150	447.58	471.13	
155	496.33	522.20	
160	554.86	583.55	
165	621.47	653.39	
170	694.06	729.51	
175	770.35	809.55	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	848.06	891.08	
185	924.92	971.73	
190	998.79	1049.26	
195	1067.74	1121.62	
200	1130.06	1187.03	
205	1184.39	1244.06	
210	1229.73	1291.64	
215	1265.46	1329.15	
220	1291.40	1356.38	
225	1307.76	1373.55	
230	1315.13	1381.29	
235	1314.42	1380.54	
240	1306.80	1372.54	
245	1293.63	1358.72	
250	1276.38	1340.61	
255	1256.55	1319.80	
260	1235.63	1297.84	
265	1214.99	1276.18	
270	1195.89	1256.13	
275	1179.40	1238.81	
280	1166.38	1225.15	
285	1157.51	1215.83	
290	1153.20	1211.32	
295	1153.69	1211.82	
300	1158.93	1217.32	
305	1168.67	1227.55	
310	1182.44	1242.01	
315	1199.54	1259.95	
320	1219.04	1280.42	
325	1239.84	1302.25	
330	1260.65	1324.10	
335	1280.08	1344.50	
340	1296.64	1361.87	
345	1308.81	1374.65	
350	1315.16	1381.31	
355	1314.34	1380.45	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission