

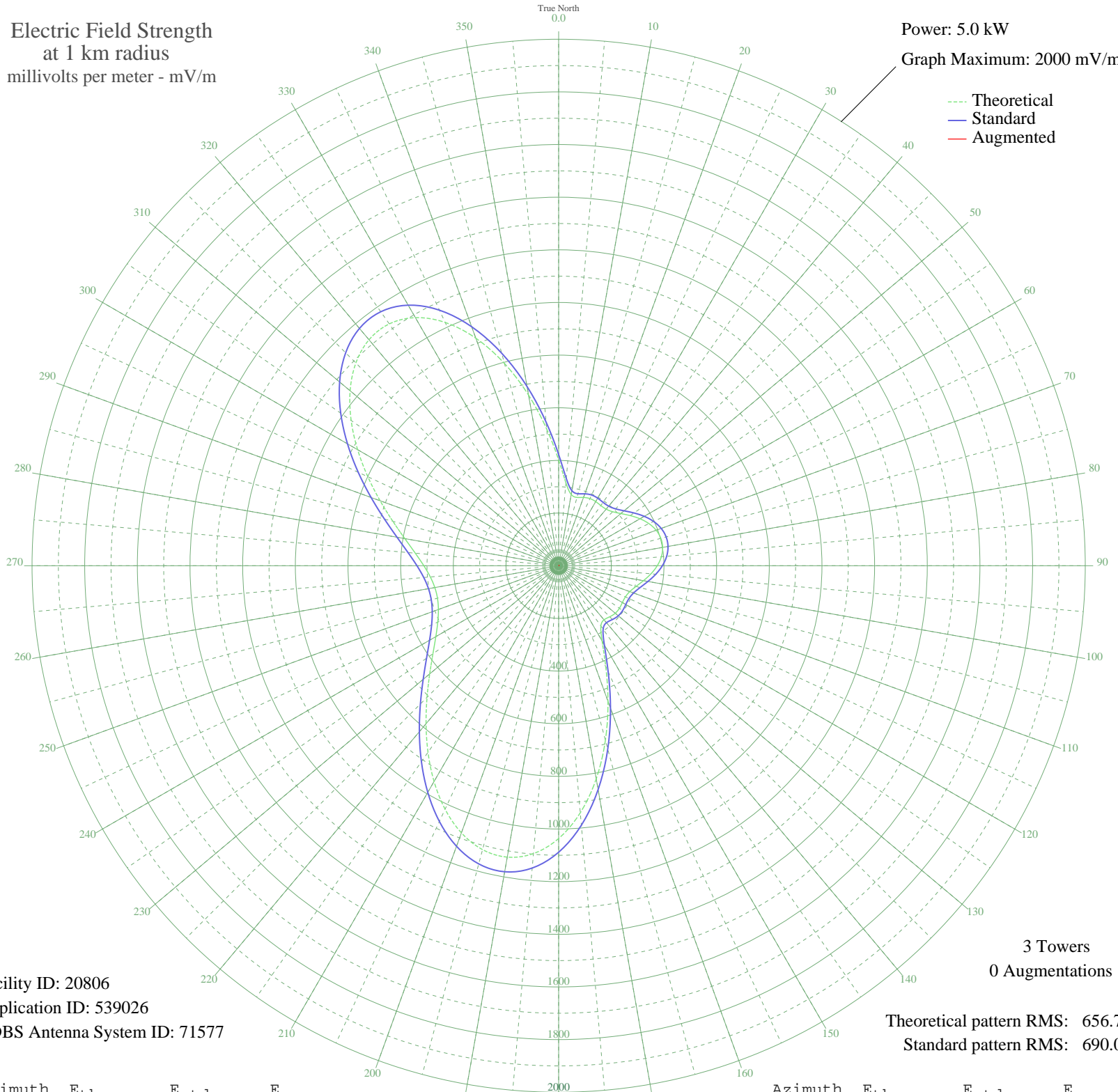
KYFR SHENANDOAH, IA BML-20000519ADZ 920 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 20806
Application ID: 539026
CDBS Antenna System ID: 71577

Theoretical pattern RMS: 656.76
Standard pattern RMS: 690.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	401.62	422.36	
5	316.07	332.71	
10	274.75	289.44	
15	268.59	282.99	
20	275.86	290.60	
25	281.41	296.41	
30	281.39	296.40	
35	279.15	294.05	
40	280.58	295.54	
45	290.12	305.53	
50	308.28	324.55	
55	331.98	349.37	
60	356.74	375.31	
65	378.44	398.05	
70	394.11	414.48	
75	401.91	422.66	
80	401.03	421.74	
85	391.56	411.81	
90	374.50	393.93	
95	351.91	370.25	
100	327.01	344.17	
105	304.07	320.14	
110	287.47	302.76	
115	279.74	294.66	
120	279.50	294.41	
125	281.75	296.76	
130	280.75	295.72	
135	274.24	288.90	
140	268.05	282.43	
145	279.60	294.51	
150	329.76	347.04	
155	423.35	445.14	
160	547.84	575.71	
165	686.03	720.71	
170	821.95	863.37	
175	942.12	989.50	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1036.21	1088.28	
185	1097.68	1152.80	
190	1124.01	1180.45	
195	1116.57	1172.63	
200	1079.86	1134.10	
205	1020.58	1071.86	
210	946.43	994.03	
215	865.10	908.66	
220	783.43	822.94	
225	706.87	742.58	
230	639.26	671.63	
235	582.87	612.46	
240	538.64	566.06	
245	506.53	532.38	
250	486.02	510.86	
255	476.48	500.85	
260	477.53	501.96	
265	489.23	514.22	
270	512.01	538.12	
275	546.50	574.31	
280	593.19	623.29	
285	651.93	684.93	
290	721.56	758.01	
295	799.51	839.81	
300	881.60	925.97	
305	962.07	1010.45	
310	1033.88	1085.82	
315	1089.24	1143.95	
320	1120.58	1176.84	
325	1121.54	1177.86	
330	1088.18	1142.83	
335	1019.85	1071.10	
340	919.89	966.17	
345	795.64	835.75	
350	658.09	691.40	
355	521.30	547.87	

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