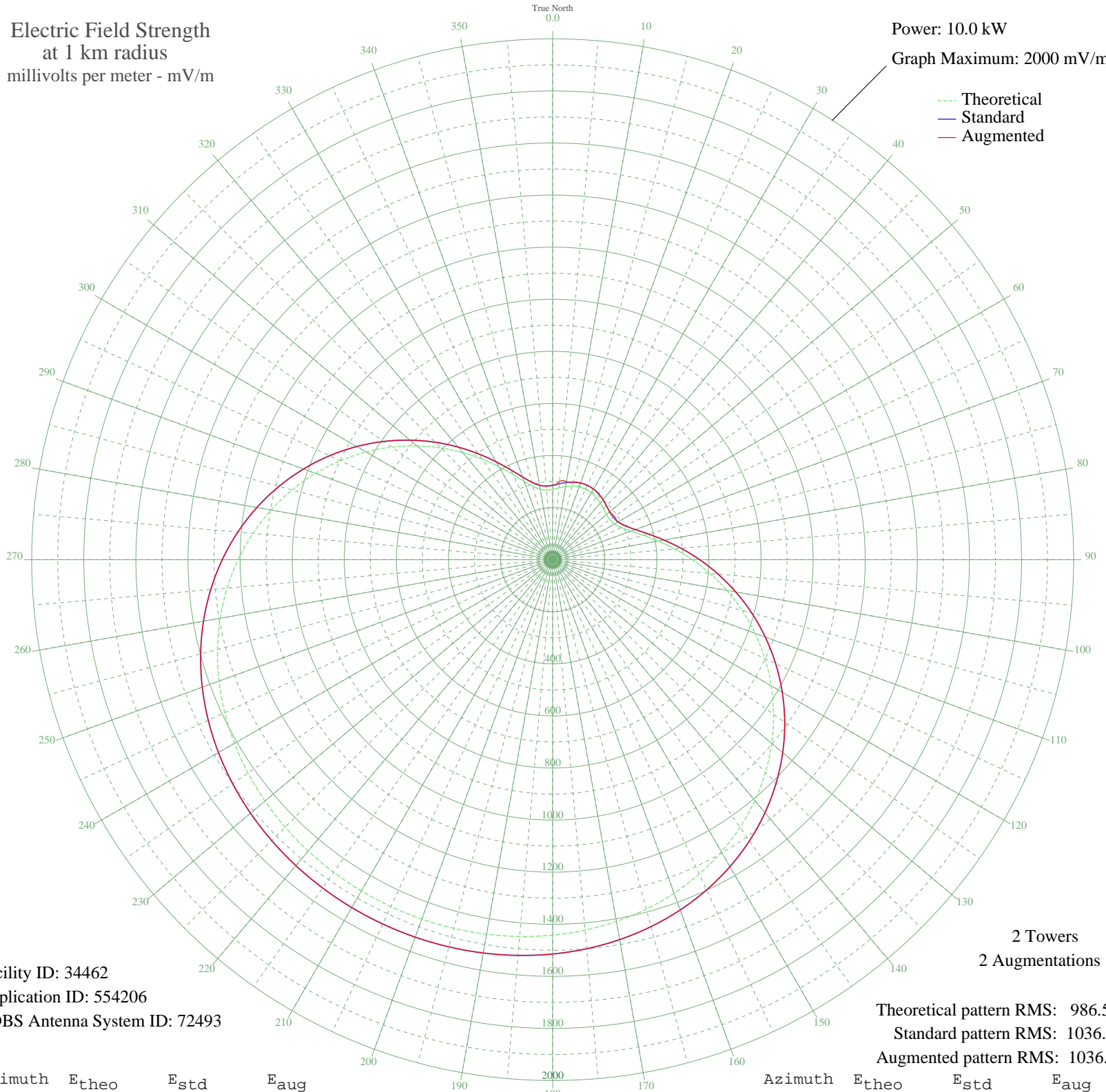


KGGF COFFEYVILLE, KS BL-20010102ABF 690 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 34462
Application ID: 554206
CDBS Antenna System ID: 72493

Theoretical pattern RMS: 986.53
Standard pattern RMS: 1036.39
Augmented pattern RMS: 1036.45

Azimuth	E _{theo}	E _{std}	E _{aug}
0	270.20	285.64	285.64
5	276.59	292.31	299.93
10	284.51	300.57	303.58
15	291.66	308.04	308.04
20	296.52	313.11	313.11
25	298.23	314.89	314.89
30	296.52	313.11	313.11
35	291.66	308.04	308.04
40	284.51	300.57	300.57
45	276.59	292.31	292.31
50	270.20	285.64	285.64
55	268.38	283.74	289.68
60	274.48	290.11	290.11
65	291.31	307.67	307.67
70	320.23	337.87	337.87
75	360.89	380.39	380.39
80	411.81	433.68	433.68
85	471.02	495.68	495.68
90	536.51	564.32	564.32
95	606.43	637.62	637.62
100	679.09	713.82	713.82
105	752.97	791.32	791.32
110	826.69	868.66	868.66
115	899.02	944.56	944.56
120	968.87	1017.86	1017.86
125	1035.33	1087.60	1087.60
130	1097.61	1152.97	1152.97
135	1155.14	1213.35	1213.35
140	1207.51	1268.32	1268.32
145	1254.47	1317.61	1317.61
150	1295.96	1361.17	1361.17
155	1332.06	1399.06	1399.06
160	1362.96	1431.50	1431.50
165	1388.99	1458.82	1458.82
170	1410.52	1481.42	1481.42
175	1427.98	1499.74	1499.74

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1441.81	1514.26	1514.26
185	1452.44	1525.43	1525.43
190	1460.26	1533.64	1533.64
195	1465.60	1539.24	1539.24
200	1468.70	1542.50	1542.50
205	1469.72	1543.56	1543.56
210	1468.70	1542.50	1542.50
215	1465.60	1539.24	1539.24
220	1460.26	1533.64	1533.64
225	1452.44	1525.43	1525.43
230	1441.81	1514.26	1514.26
235	1427.98	1499.74	1499.74
240	1410.52	1481.42	1481.42
245	1388.99	1458.82	1458.82
250	1362.96	1431.50	1431.50
255	1332.06	1399.06	1399.06
260	1295.96	1361.17	1361.17
265	1254.47	1317.61	1317.61
270	1207.51	1268.32	1268.32
275	1155.14	1213.35	1213.35
280	1097.61	1152.97	1152.97
285	1035.32	1087.60	1087.60
290	968.87	1017.86	1017.86
295	899.02	944.56	944.56
300	826.69	868.66	868.66
305	752.97	791.32	791.32
310	679.09	713.82	713.82
315	606.43	637.62	637.62
320	536.51	564.32	564.32
325	471.02	495.68	495.68
330	411.81	433.68	433.68
335	360.89	380.39	380.39
340	320.23	337.87	337.87
345	291.31	307.67	307.67
350	274.48	290.11	290.11
355	268.38	283.74	283.74

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

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Federal Communications Commission