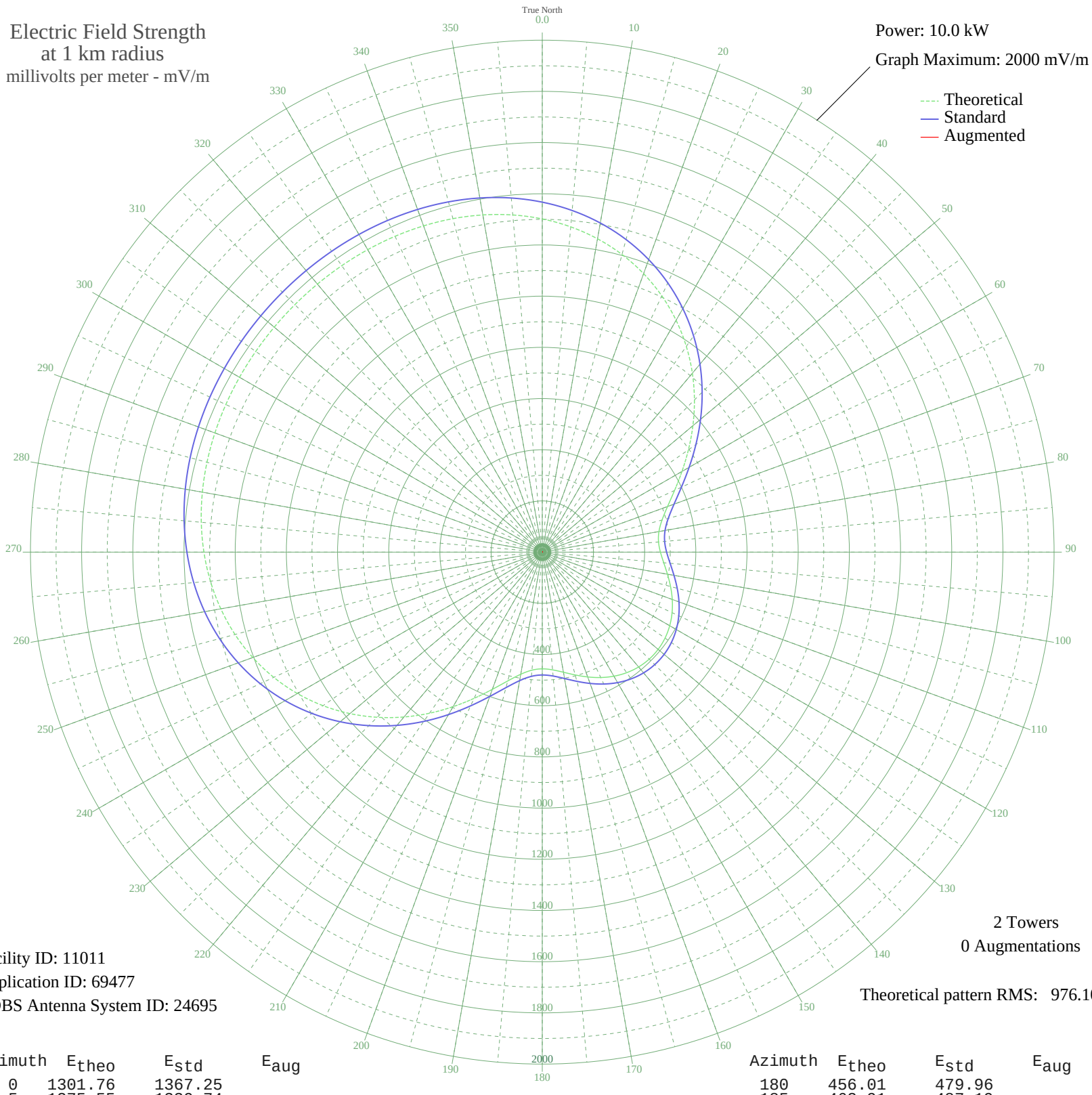
KGVW BELGRADE, MT BL-19840511AC 640 kHz

Daytime

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: 11011
Application ID: 69477
CDBS Antenna System ID: 24695

Theoretical pattern RMS: 976.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1301.76	1367.25	
5	1275.55	1339.74	
10	1243.01	1305.59	
15	1203.78	1264.40	
20	1157.69	1216.03	
25	1104.89	1160.61	
30	1045.83	1098.62	
35	981.30	1030.90	
40	912.45	958.65	
45	840.82	883.48	
50	768.30	807.40	
55	697.21	732.83	
60	630.25	662.59	
65	570.43	599.87	
70	520.91	547.96	
75	484.50	509.81	
80	462.91	487.19	
85	456.01	479.96	
90	461.68	485.90	
95	476.49	501.41	
100	496.67	522.56	
105	518.89	545.85	
110	540.52	568.52	
115	559.66	588.58	
120	574.97	604.63	
125	585.61	615.78	
130	591.04	621.48	
135	591.04	621.48	
140	585.61	615.78	
145	574.97	604.63	
150	559.66	588.58	
155	540.52	568.52	
160	518.89	545.85	
165	496.67	522.56	
170	476.49	501.41	
175	461.68	485.90	

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	E_{theo}	E_{std}	E_{aug}
180	456.01	479.96	
185	462.91	487.19	
190	484.50	509.81	
195	520.91	547.96	
200	570.43	599.87	
205	630.25	662.59	
210	697.21	732.83	
215	768.30	807.40	
220	840.82	883.48	
225	912.45	958.65	
230	981.30	1030.90	
235	1045.83	1098.62	
240	1104.89	1160.61	
245	1157.69	1216.03	
250	1203.78	1264.40	
255	1243.01	1305.59	
260	1275.55	1339.74	
265	1301.76	1367.25	
270	1322.21	1388.72	
275	1337.61	1404.88	
280	1348.73	1416.56	
285	1356.39	1424.59	
290	1361.36	1429.82	
295	1364.38	1432.99	
300	1366.07	1434.75	
305	1366.90	1435.63	
310	1367.24	1435.98	
315	1367.24	1435.98	
320	1366.90	1435.63	
325	1366.07	1434.75	
330	1364.38	1432.99	
335	1361.36	1429.82	
340	1356.39	1424.59	
345	1348.73	1416.56	
350	1337.61	1404.88	
355	1322.21	1388.72	