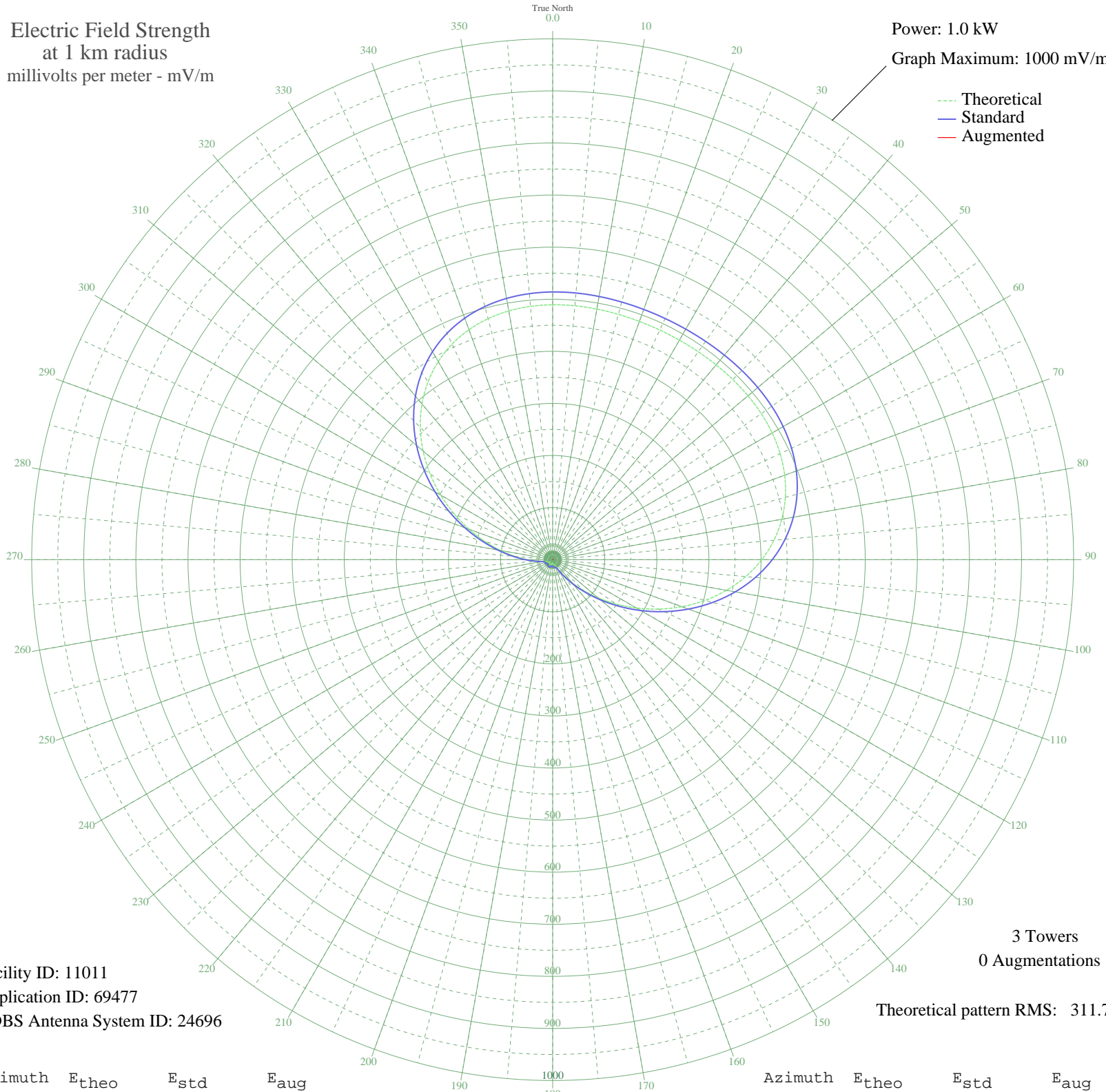


# KGVW BELGRADE, MT BL-19840511AC 640 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 11011  
Application ID: 69477  
CDBS Antenna System ID: 24696

3 Towers  
0 Augmentations

Theoretical pattern RMS: 311.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	489.40	513.97	
5	489.33	513.90	
10	488.56	513.09	
15	487.58	512.07	
20	486.79	511.24	
25	486.42	510.85	
30	486.58	511.02	
35	487.23	511.70	
40	488.17	512.68	
45	489.07	513.63	
50	489.49	514.07	
55	488.85	513.40	
60	486.51	510.94	
65	481.77	505.97	
70	473.94	497.75	
75	462.40	485.63	
80	446.63	469.08	
85	426.33	447.77	
90	401.40	421.60	
95	372.06	390.80	
100	338.80	355.90	
105	302.42	317.71	
110	263.94	277.34	
115	224.59	236.06	
120	185.66	195.23	
125	148.45	156.22	
130	114.12	120.28	
135	83.68	88.49	
140	57.87	61.67	
145	37.25	40.49	
150	22.24	25.60	
155	13.47	17.61	
160	10.80	15.45	
165	10.75	15.42	
170	10.20	15.00	
175	8.60	13.85	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	6.62	12.59	
185	5.74	12.11	
190	6.86	12.73	
195	8.83	14.01	
200	10.46	15.20	
205	11.21	15.77	
210	10.88	15.52	
215	9.57	14.53	
220	7.63	13.21	
225	5.98	12.23	
230	6.04	12.27	
235	7.79	13.31	
240	9.67	14.60	
245	10.67	15.35	
250	10.71	15.39	
255	11.79	16.23	
260	17.94	21.57	
265	30.54	33.74	
270	48.98	52.49	
275	72.76	77.12	
280	101.43	107.02	
285	134.31	141.41	
290	170.50	179.33	
295	208.90	219.59	
300	248.24	260.86	
305	287.22	301.76	
310	324.57	340.96	
315	359.19	377.29	
320	390.17	409.82	
325	416.91	437.88	
330	439.07	461.14	
335	456.62	479.57	
340	469.80	493.40	
345	479.05	503.11	
350	484.94	509.29	
355	488.16	512.67	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission