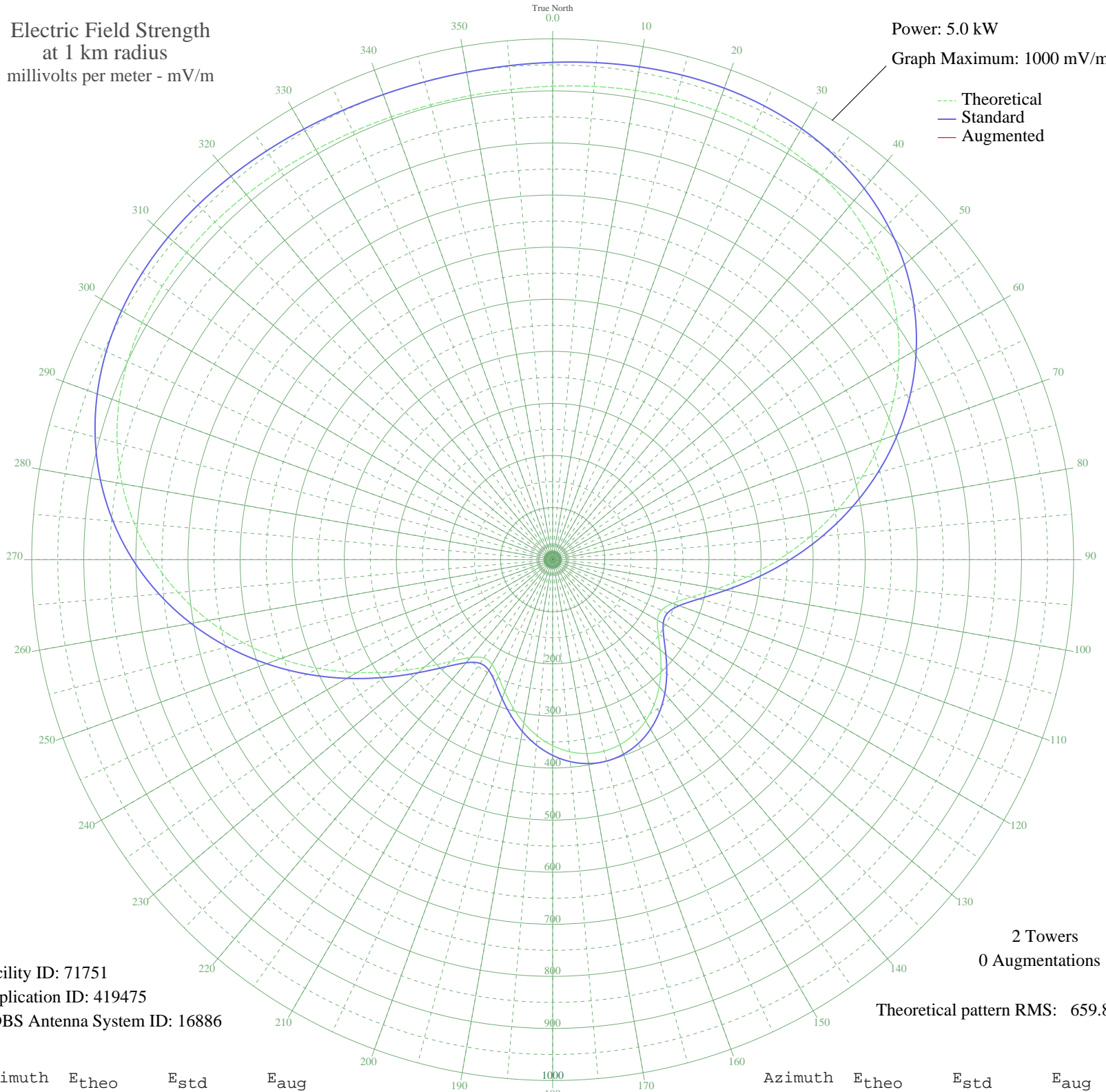


KGVO MISSOULA, MT BL-13738 1290 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 71751
Application ID: 419475
CDBS Antenna System ID: 16886

2 Towers
0 Augmentations

Theoretical pattern RMS: 659.83

Azimuth	E _{theo}	E _{std}	E _{aug}
0	909.02	954.76	
5	911.96	957.85	
10	914.78	960.81	
15	916.79	962.91	
20	917.20	963.34	
25	915.16	961.20	
30	909.79	955.57	
35	900.24	945.54	
40	885.71	930.29	
45	865.53	909.11	
50	839.21	881.49	
55	806.47	847.12	
60	767.28	805.99	
65	721.92	758.38	
70	670.94	704.88	
75	615.24	646.42	
80	556.01	584.28	
85	494.80	520.07	
90	433.52	455.80	
95	374.57	394.00	
100	320.93	337.80	
105	276.36	291.13	
110	245.07	258.40	
115	230.40	243.05	
120	232.38	245.13	
125	247.19	260.61	
130	269.32	283.76	
135	294.06	309.66	
140	318.17	334.90	
145	339.61	357.36	
150	357.15	375.74	
155	370.07	389.28	
160	377.96	397.55	
165	380.61	400.33	
170	377.96	397.55	
175	370.07	389.28	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	357.15	375.74	
185	339.61	357.36	
190	318.17	334.90	
195	294.06	309.66	
200	269.32	283.76	
205	247.19	260.61	
210	232.38	245.13	
215	230.40	243.05	
220	245.07	258.40	
225	276.36	291.13	
230	320.93	337.80	
235	374.57	394.00	
240	433.52	455.80	
245	494.80	520.07	
250	556.01	584.28	
255	615.24	646.42	
260	670.94	704.88	
265	721.92	758.38	
270	767.28	805.99	
275	806.47	847.12	
280	839.21	881.49	
285	865.53	909.11	
290	885.71	930.29	
295	900.24	945.54	
300	909.79	955.57	
305	915.16	961.20	
310	917.20	963.34	
315	916.79	962.91	
320	914.78	960.81	
325	911.96	957.85	
330	909.02	954.76	
335	906.50	952.11	
340	904.82	950.35	
345	904.23	949.73	
350	904.82	950.35	
355	906.50	952.11	