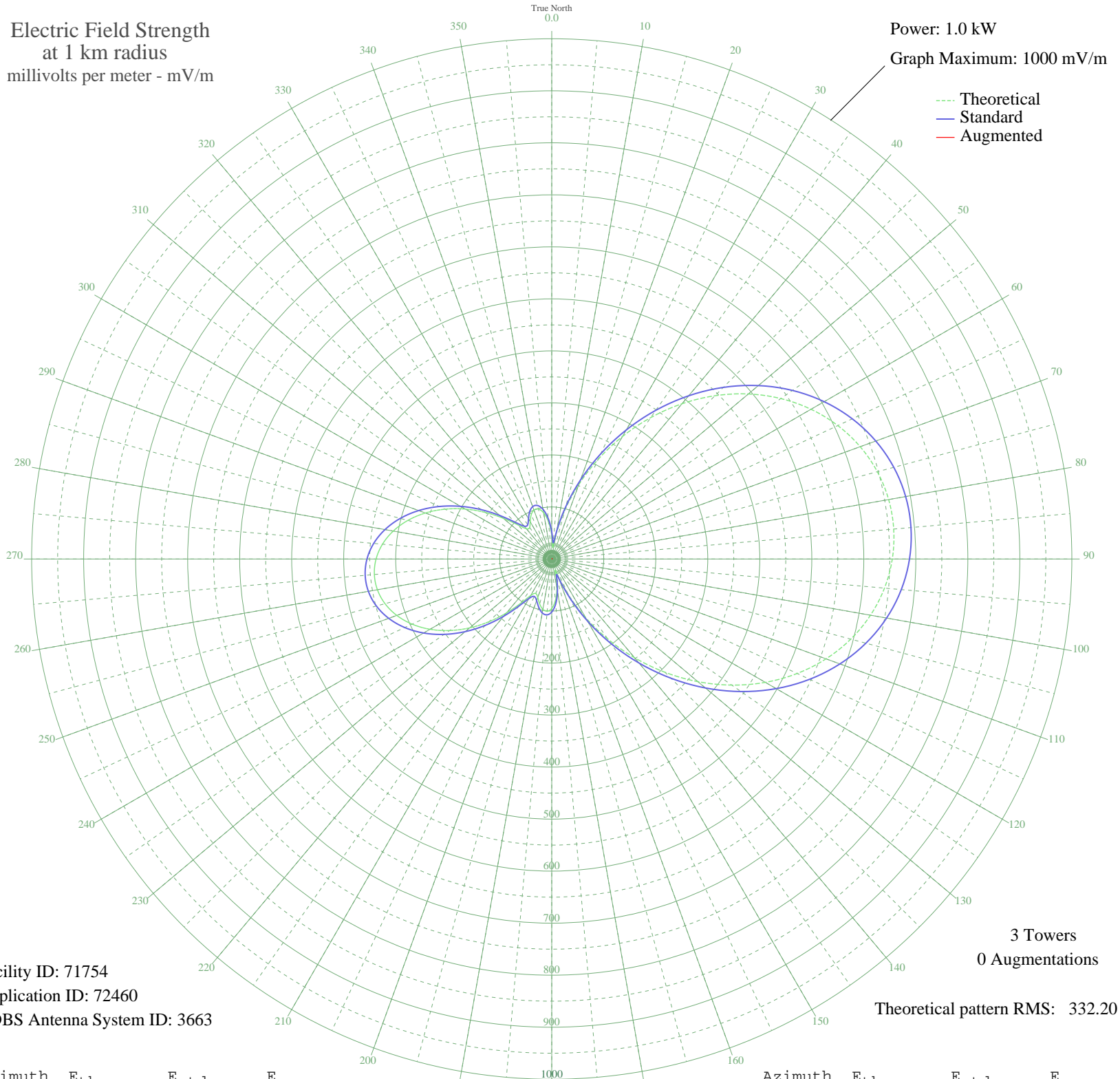


# KMPT EAST MISSOULA, MT BL-19840911AM 930 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 71754  
Application ID: 72460  
CDBS Antenna System ID: 3663

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 332.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	45.27	51.86	
5	21.59	30.72	
10	48.03	54.53	
15	97.08	104.02	
20	152.63	161.60	
25	211.61	223.15	
30	271.92	286.27	
35	331.76	348.97	
40	389.52	409.53	
45	443.82	466.47	
50	493.51	518.60	
55	537.67	564.94	
60	575.63	604.77	
65	606.90	637.58	
70	631.14	663.02	
75	648.14	680.86	
80	657.79	690.99	
85	660.02	693.33	
90	654.82	687.87	
95	642.22	674.65	
100	622.30	653.75	
105	595.22	625.33	
110	561.23	589.65	
115	520.72	547.15	
120	474.25	498.39	
125	422.60	444.21	
130	366.76	385.66	
135	307.99	324.05	
140	247.75	260.97	
145	187.75	198.22	
150	129.87	137.93	
155	76.40	82.86	
160	32.18	39.65	
165	28.24	36.19	
170	56.65	62.99	
175	80.23	86.76	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	95.05	101.94	
185	100.78	107.83	
190	98.24	105.21	
195	89.47	96.21	
200	78.58	85.07	
205	72.99	79.39	
210	81.11	87.66	
215	103.76	110.90	
220	135.20	143.47	
225	170.35	180.07	
230	205.92	217.21	
235	239.74	252.58	
240	270.25	284.52	
245	296.31	311.81	
250	317.05	333.55	
255	331.88	349.09	
260	340.39	358.01	
265	342.37	360.08	
270	337.76	355.26	
275	326.69	343.65	
280	309.43	325.57	
285	286.48	301.52	
290	258.53	272.24	
295	226.53	238.76	
300	191.80	202.45	
305	156.09	165.20	
310	121.94	129.71	
315	93.29	100.12	
320	75.92	82.37	
325	73.98	80.40	
330	82.80	89.38	
335	93.52	100.37	
340	100.15	107.18	
345	99.55	106.56	
350	90.23	96.98	
355	71.78	78.17	

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