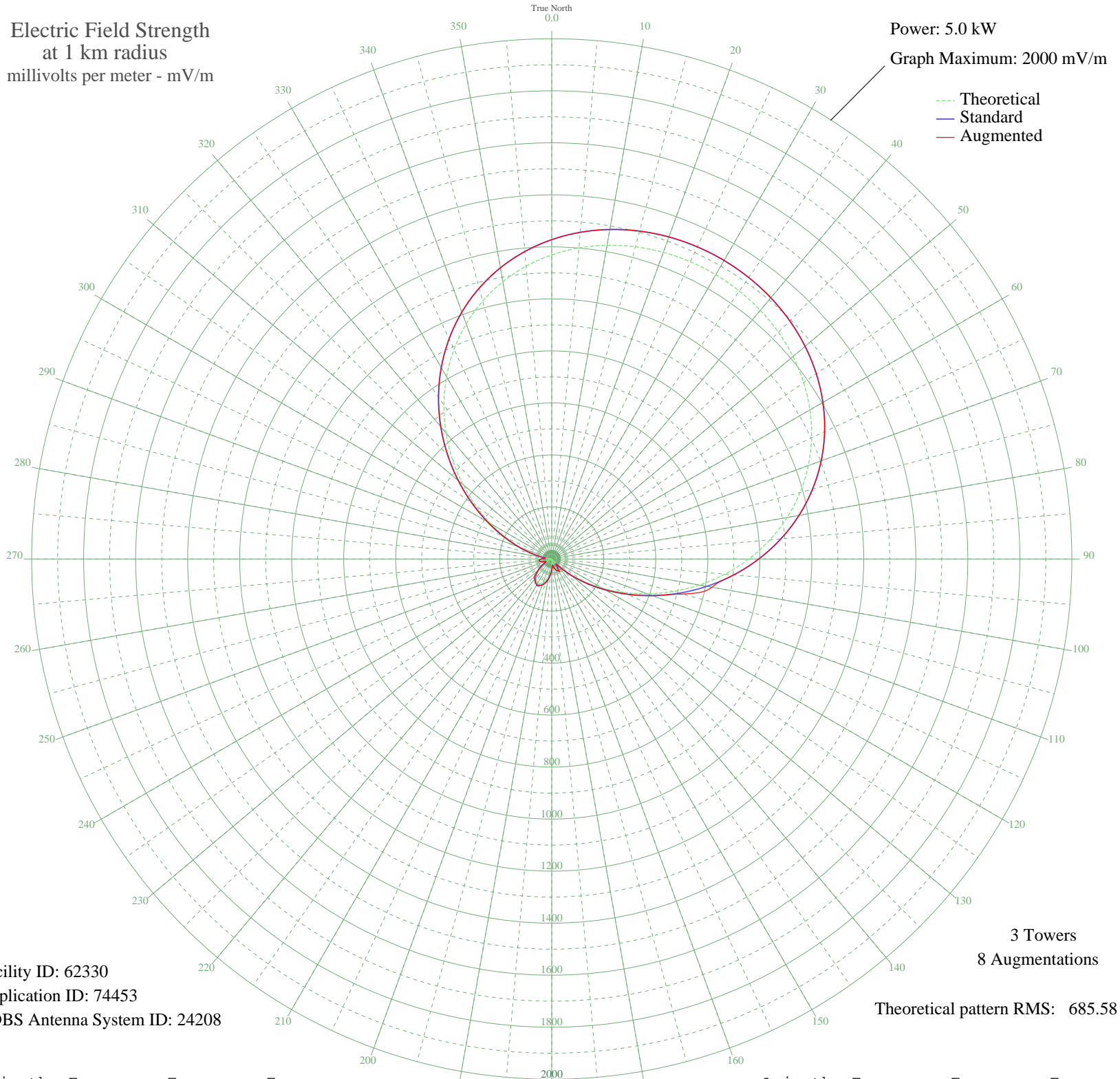


# KMON GREAT FALLS, MT BL-19841203AJ 560 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 62330  
Application ID: 74453  
CDBS Antenna System ID: 24208

3 Towers  
8 Augmentations  
Theoretical pattern RMS: 685.58

Azimuth	Etheo	Estd	Eaug
0	1169.02	1227.69	1227.69
5	1200.49	1260.73	1260.73
10	1224.84	1286.30	1286.30
15	1242.69	1305.03	1305.03
20	1254.57	1317.51	1317.51
25	1260.92	1324.18	1324.18
30	1261.97	1325.28	1325.28
35	1257.76	1320.86	1320.86
40	1248.13	1310.75	1310.75
45	1232.73	1294.58	1294.58
50	1211.05	1271.82	1271.82
55	1182.50	1241.85	1241.85
60	1146.46	1204.01	1204.01
65	1102.36	1157.71	1157.71
70	1049.81	1102.55	1102.55
75	988.66	1038.36	1038.36
80	919.11	965.36	965.36
85	841.80	884.20	884.20
90	757.78	796.02	796.02
95	668.62	702.44	702.44
100	576.27	605.53	625.65
105	483.03	507.72	520.44
110	391.42	411.66	411.66
115	304.01	320.07	320.07
120	223.24	235.57	236.76
125	151.25	160.54	162.27
130	89.76	97.13	97.13
135	39.94	48.06	48.06
140	2.32	23.60	23.60
145	23.18	33.82	42.26
150	37.23	45.60	55.62
155	40.99	49.03	49.03
160	36.03	44.53	44.59
165	24.17	34.57	34.83
170	7.35	24.71	25.31
175	12.47	26.88	27.51

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

Azimuth	Etheo	Estd	Eaug
180	33.41	42.22	42.55
185	53.80	61.17	61.30
190	72.16	79.32	79.34
195	87.28	94.61	94.61
200	98.25	105.81	105.81
205	104.44	112.14	112.99
210	105.48	113.21	116.43
215	101.33	108.95	108.95
220	92.21	99.63	100.61
225	78.65	85.86	96.04
230	61.46	68.67	68.67
235	41.72	49.70	49.70
240	20.81	32.07	32.07
245	0.32	23.48	23.48
250	17.93	30.09	30.09
255	32.01	41.00	41.00
260	39.96	48.08	48.08
265	39.89	48.02	48.02
270	30.12	39.39	40.29
275	9.31	25.43	26.17
280	23.42	34.00	34.00
285	68.39	75.55	75.55
290	125.32	133.66	133.66
295	193.28	204.30	204.30
300	270.78	285.28	285.28
305	355.81	374.34	374.34
310	446.05	468.94	468.94
315	538.94	566.37	566.37
320	631.94	663.95	663.95
325	722.63	759.13	759.13
330	808.92	849.69	849.69
335	889.07	933.82	933.82
340	961.82	1010.19	1010.19
345	1026.38	1077.95	1077.95
350	1082.37	1136.73	1136.73
355	1129.81	1186.53	1186.53