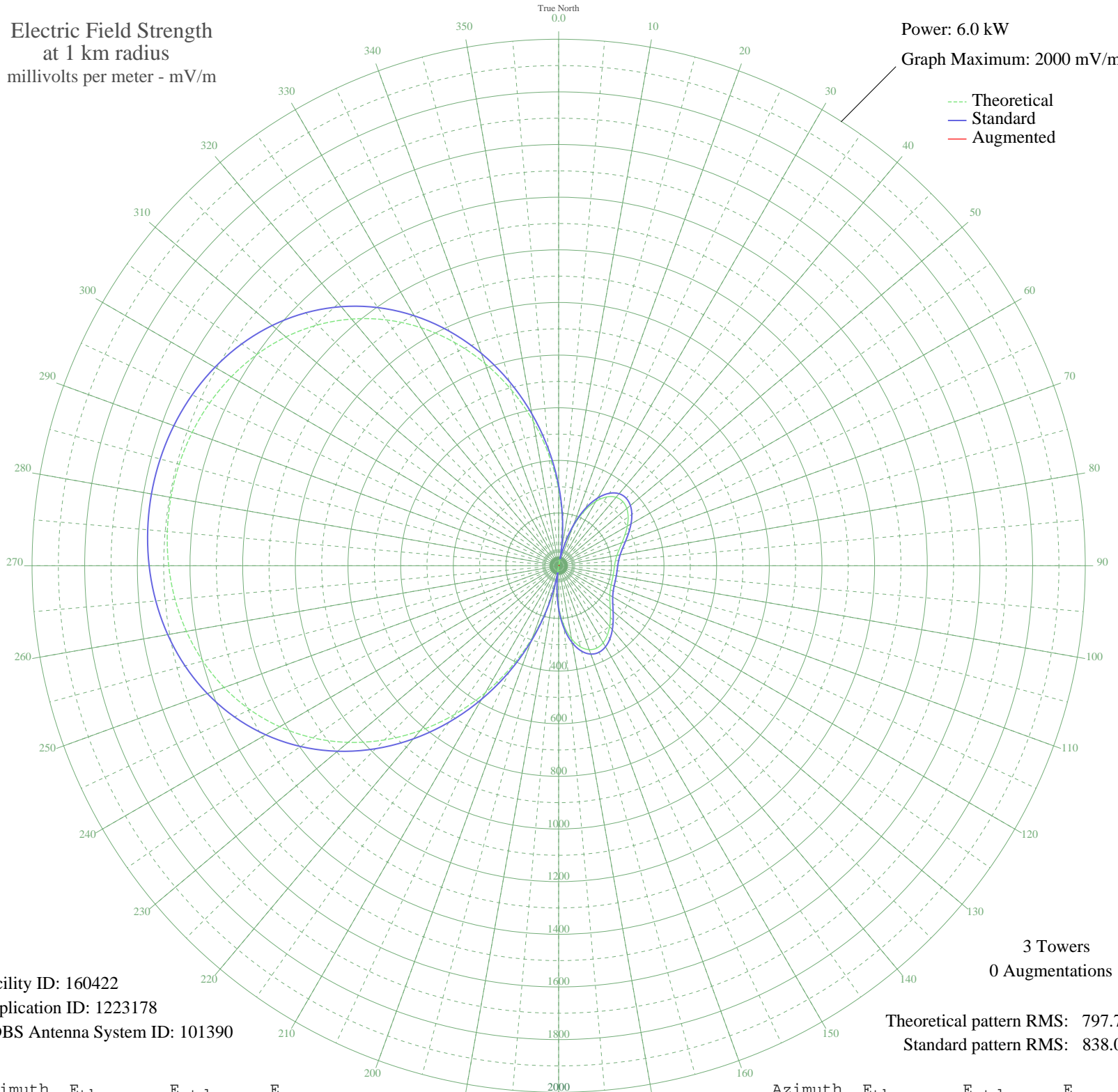


# NEW YELM, WA BNP-20071212ABX 1120 kHz

Nighttime

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

Power: 6.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 160422  
Application ID: 1223178  
CDBS Antenna System ID: 101390

Theoretical pattern RMS: 797.78  
Standard pattern RMS: 838.07

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	289.16	304.71	
5	161.26	171.27	
10	42.66	51.69	
15	63.25	71.24	
20	153.72	163.45	
25	226.91	239.65	
30	281.95	297.17	
35	319.01	335.96	
40	339.23	357.13	
45	344.62	362.77	
50	337.88	355.71	
55	322.20	339.29	
60	301.05	317.15	
65	277.91	292.94	
70	255.97	270.00	
75	237.71	250.93	
80	224.52	237.15	
85	216.40	228.67	
90	212.27	224.37	
95	210.63	222.66	
100	210.24	222.25	
105	210.63	222.66	
110	212.27	224.37	
115	216.40	228.67	
120	224.51	237.15	
125	237.71	250.93	
130	255.96	270.00	
135	277.91	292.94	
140	301.05	317.15	
145	322.20	339.29	
150	337.88	355.71	
155	344.62	362.77	
160	339.23	357.13	
165	319.01	335.96	
170	281.95	297.17	
175	226.91	239.65	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	153.72	163.45	
185	63.25	71.24	
190	42.66	51.69	
195	161.26	171.27	
200	289.16	304.71	
205	422.56	444.44	
210	557.52	585.96	
215	690.22	725.19	
220	817.27	858.52	
225	935.85	982.98	
230	1043.82	1096.31	
235	1139.80	1197.07	
240	1223.13	1284.54	
245	1293.75	1358.68	
250	1352.11	1419.95	
255	1399.03	1469.20	
260	1435.47	1507.47	
265	1462.49	1535.83	
270	1481.02	1555.29	
275	1491.82	1566.62	
280	1495.36	1570.34	
285	1491.82	1566.62	
290	1481.02	1555.29	
295	1462.49	1535.83	
300	1435.47	1507.47	
305	1399.03	1469.20	
310	1352.11	1419.95	
315	1293.75	1358.68	
320	1223.13	1284.54	
325	1139.80	1197.07	
330	1043.82	1096.31	
335	935.85	982.98	
340	817.27	858.52	
345	690.22	725.19	
350	557.51	585.96	
355	422.56	444.44	