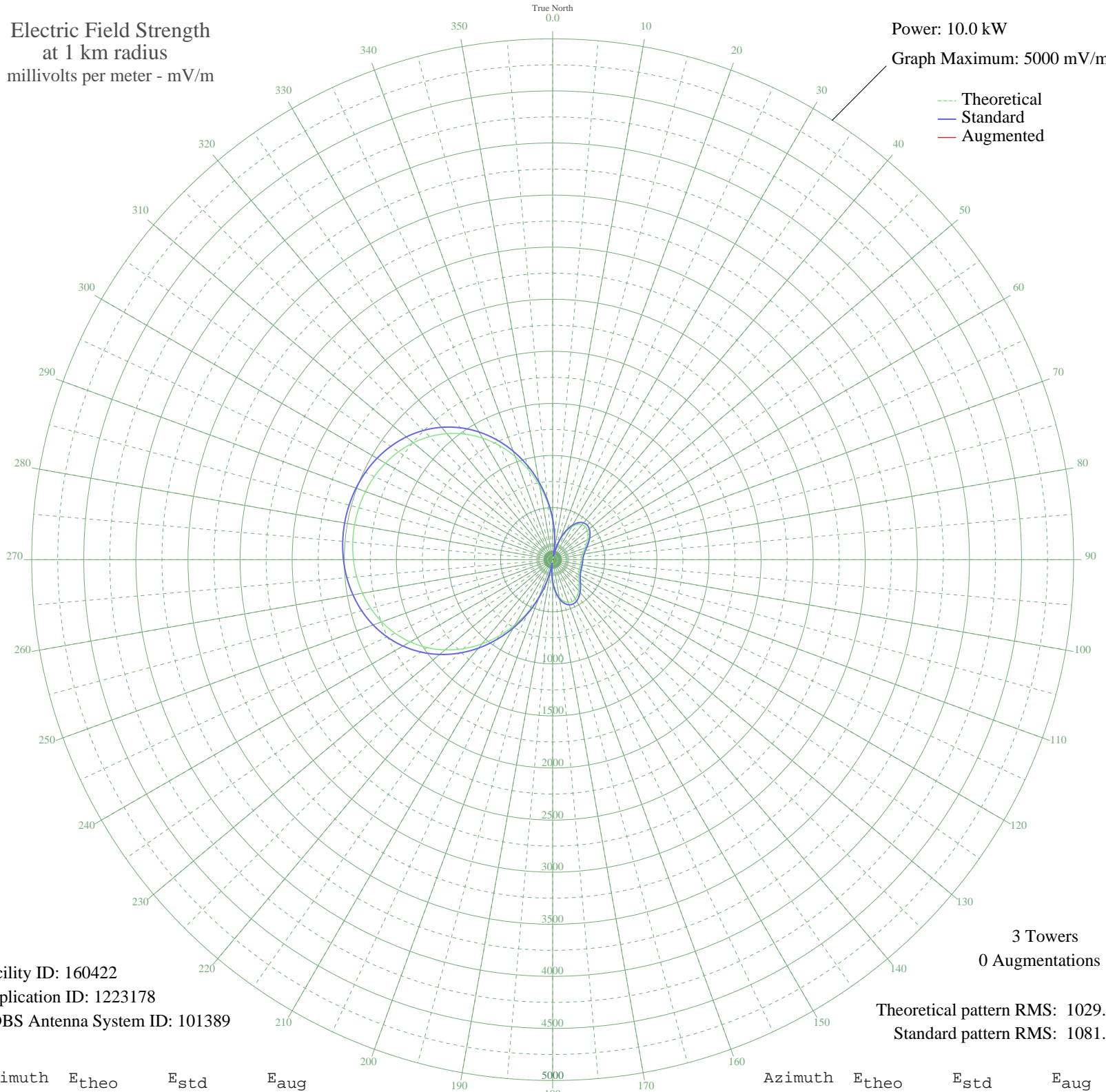


# NEW YELM, WA BNP-20071212ABX 1120 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 160422  
Application ID: 1223178  
CDBS Antenna System ID: 101389

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 1029.93  
Standard pattern RMS: 1081.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	373.31	393.39	
5	208.18	221.11	
10	55.07	66.73	
15	81.65	91.97	
20	198.45	211.02	
25	292.94	309.38	
30	364.00	383.65	
35	411.85	433.72	
40	437.95	461.05	
45	444.91	468.34	
50	436.20	459.22	
55	415.96	438.02	
60	388.65	409.44	
65	358.78	378.18	
70	330.45	348.57	
75	306.89	323.95	
80	289.85	306.16	
85	279.37	295.22	
90	274.04	289.67	
95	271.93	287.46	
100	271.42	286.93	
105	271.93	287.46	
110	274.04	289.67	
115	279.37	295.22	
120	289.85	306.16	
125	306.89	323.95	
130	330.45	348.57	
135	358.78	378.18	
140	388.65	409.44	
145	415.96	438.02	
150	436.20	459.22	
155	444.91	468.34	
160	437.95	461.05	
165	411.85	433.72	
170	364.00	383.65	
175	292.94	309.38	

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	198.45	211.02	
185	81.65	91.97	
190	55.07	66.73	
195	208.18	221.11	
200	373.31	393.38	
205	545.53	573.77	
210	719.75	756.47	
215	891.07	936.22	
220	1055.10	1108.35	
225	1208.17	1269.02	
230	1347.57	1415.34	
235	1471.48	1545.41	
240	1579.05	1658.34	
245	1670.22	1754.05	
250	1745.57	1833.15	
255	1806.14	1896.73	
260	1853.19	1946.13	
265	1888.07	1982.75	
270	1911.99	2007.87	
275	1925.93	2022.50	
280	1930.50	2027.30	
285	1925.93	2022.50	
290	1911.99	2007.87	
295	1888.07	1982.75	
300	1853.19	1946.13	
305	1806.14	1896.73	
310	1745.57	1833.15	
315	1670.22	1754.05	
320	1579.05	1658.34	
325	1471.48	1545.41	
330	1347.57	1415.34	
335	1208.17	1269.02	
340	1055.09	1108.35	
345	891.07	936.22	
350	719.75	756.47	
355	545.53	573.77	