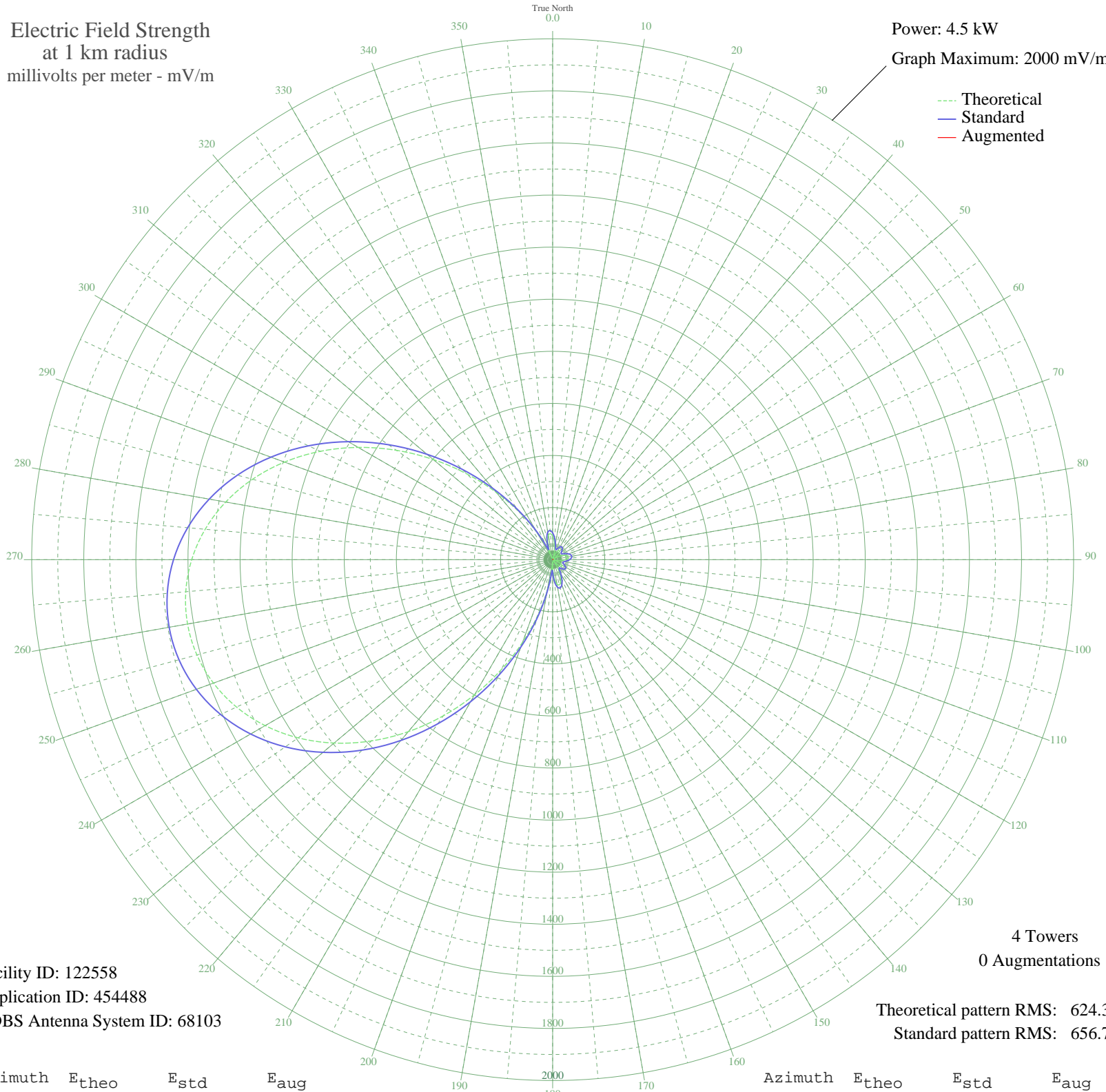


NEW REDMOND, WA BNP-20000131ABJ 740 kHz

Nighttime

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

Power: 4.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 122558
Application ID: 454488
CDBS Antenna System ID: 68103

4 Towers
0 Augmentations

Theoretical pattern RMS: 624.30
Standard pattern RMS: 656.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	90.38	102.91	
5	70.40	83.95	
10	44.65	61.50	
15	17.53	43.84	
20	7.23	40.51	
25	26.59	48.61	
30	38.80	56.95	
35	43.11	60.27	
40	39.83	57.73	
45	30.09	50.81	
50	15.70	43.07	
55	3.67	39.98	
60	19.87	44.93	
65	36.00	54.88	
70	48.91	64.97	
75	57.23	72.07	
80	60.10	74.60	
85	57.23	72.07	
90	48.91	64.97	
95	36.00	54.88	
100	19.87	44.93	
105	3.67	39.98	
110	15.70	43.07	
115	30.09	50.81	
120	39.83	57.73	
125	43.11	60.27	
130	38.80	56.95	
135	26.59	48.61	
140	7.23	40.51	
145	17.53	43.84	
150	44.65	61.50	
155	70.40	83.95	
160	90.38	102.91	
165	100.06	112.35	
170	95.22	107.61	
175	72.44	85.84	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	29.57	50.47	
185	34.78	54.01	
190	118.88	131.02	
195	221.14	235.59	
200	338.07	357.19	
205	465.36	490.25	
210	598.30	629.47	
215	732.05	769.68	
220	862.08	906.05	
225	984.34	1034.33	
230	1095.49	1150.95	
235	1192.87	1253.14	
240	1274.52	1338.84	
245	1339.11	1406.62	
250	1385.73	1455.56	
255	1413.88	1485.11	
260	1423.29	1494.99	
265	1413.88	1485.11	
270	1385.73	1455.56	
275	1339.11	1406.62	
280	1274.52	1338.84	
285	1192.87	1253.14	
290	1095.49	1150.95	
295	984.34	1034.32	
300	862.08	906.05	
305	732.05	769.68	
310	598.30	629.47	
315	465.36	490.25	
320	338.06	357.19	
325	221.14	235.59	
330	118.88	131.02	
335	34.78	54.01	
340	29.57	50.47	
345	72.44	85.84	
350	95.22	107.61	
355	100.06	112.35	

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 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission