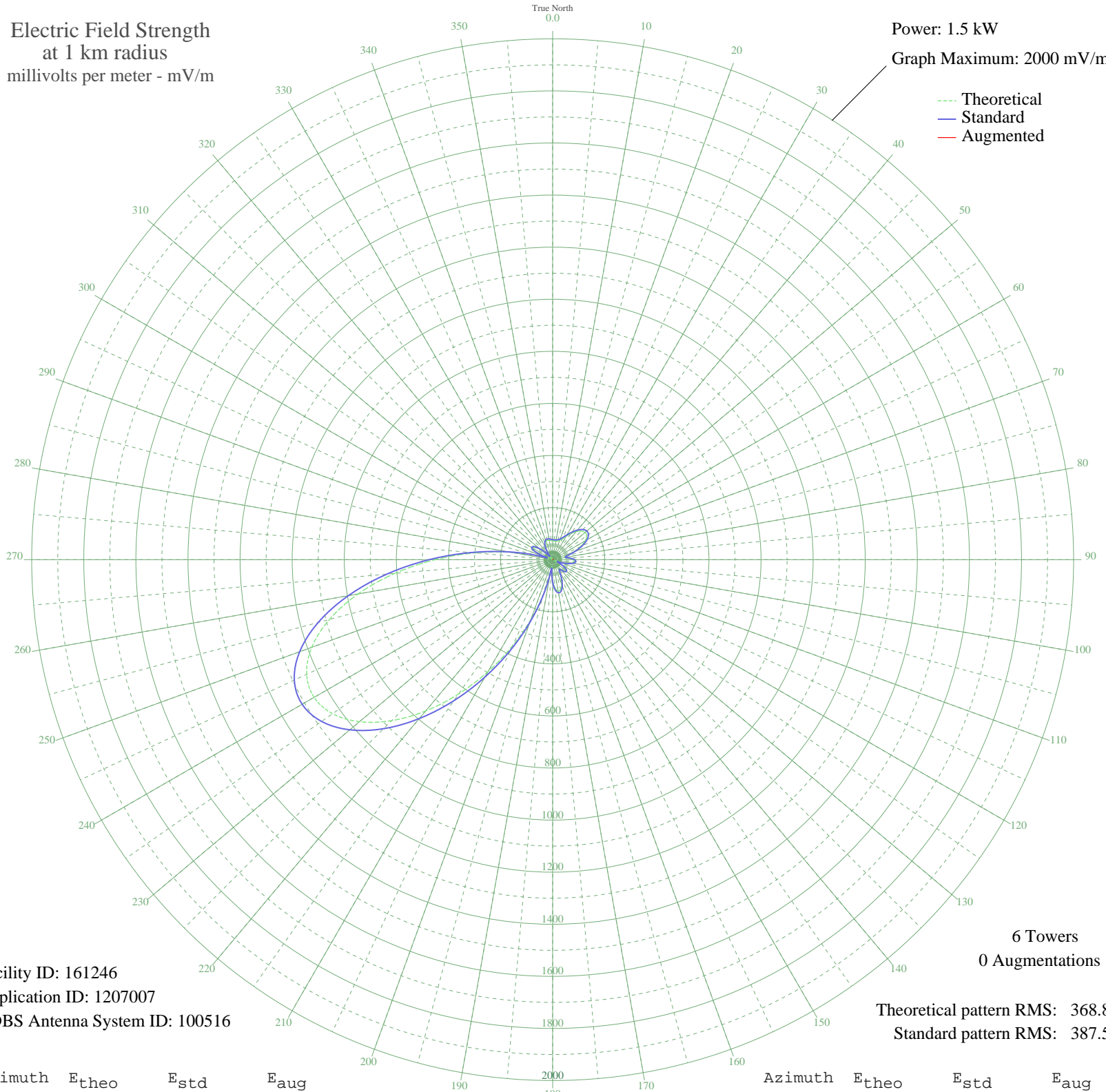


NEW VERADALE, WA BNP-20070926ACR 1170 kHz

Nighttime

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

Power: 1.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 161246
Application ID: 1207007
CDBS Antenna System ID: 100516

6 Towers
0 Augmentations
Theoretical pattern RMS: 368.85
Standard pattern RMS: 387.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	71.61	76.75	
5	71.04	76.16	
10	71.75	76.89	
15	74.07	79.28	
20	79.24	84.61	
25	88.88	94.59	
30	103.56	109.82	
35	121.76	128.77	
40	140.25	148.06	
45	155.08	163.56	
50	162.39	171.21	
55	159.21	167.87	
60	144.13	152.11	
65	117.98	124.83	
70	84.61	90.16	
75	53.29	58.03	
80	44.96	49.65	
85	62.22	67.12	
90	78.94	84.30	
95	83.76	89.28	
100	74.34	79.56	
105	52.56	57.29	
110	23.26	28.86	
115	12.27	20.06	
120	38.73	43.48	
125	57.74	62.55	
130	65.11	70.07	
135	60.52	65.38	
140	47.68	52.38	
145	38.73	43.48	
150	51.02	55.73	
155	76.58	81.87	
160	101.49	107.67	
165	118.36	125.22	
170	122.46	129.50	
175	110.56	117.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	80.82	86.24	
185	36.19	41.00	
190	51.56	56.28	
195	137.67	145.37	
200	244.33	257.00	
205	365.51	384.10	
210	496.03	521.06	
215	629.53	661.19	
220	758.42	796.49	
225	874.19	918.03	
230	967.97	1016.48	
235	1031.37	1083.04	
240	1057.51	1110.49	
245	1042.09	1094.30	
250	984.29	1033.62	
255	887.36	931.86	
260	758.65	796.73	
265	608.92	639.55	
270	451.09	473.90	
275	298.57	313.87	
280	163.40	172.26	
285	55.18	59.95	
290	27.07	32.32	
295	71.11	76.23	
300	87.90	93.57	
305	81.86	87.32	
310	60.18	65.03	
315	30.28	35.32	
320	2.01	15.52	
325	29.84	34.90	
330	52.02	56.74	
335	66.80	71.81	
340	74.56	79.78	
345	76.79	82.08	
350	75.66	80.92	
355	73.39	78.58	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission