

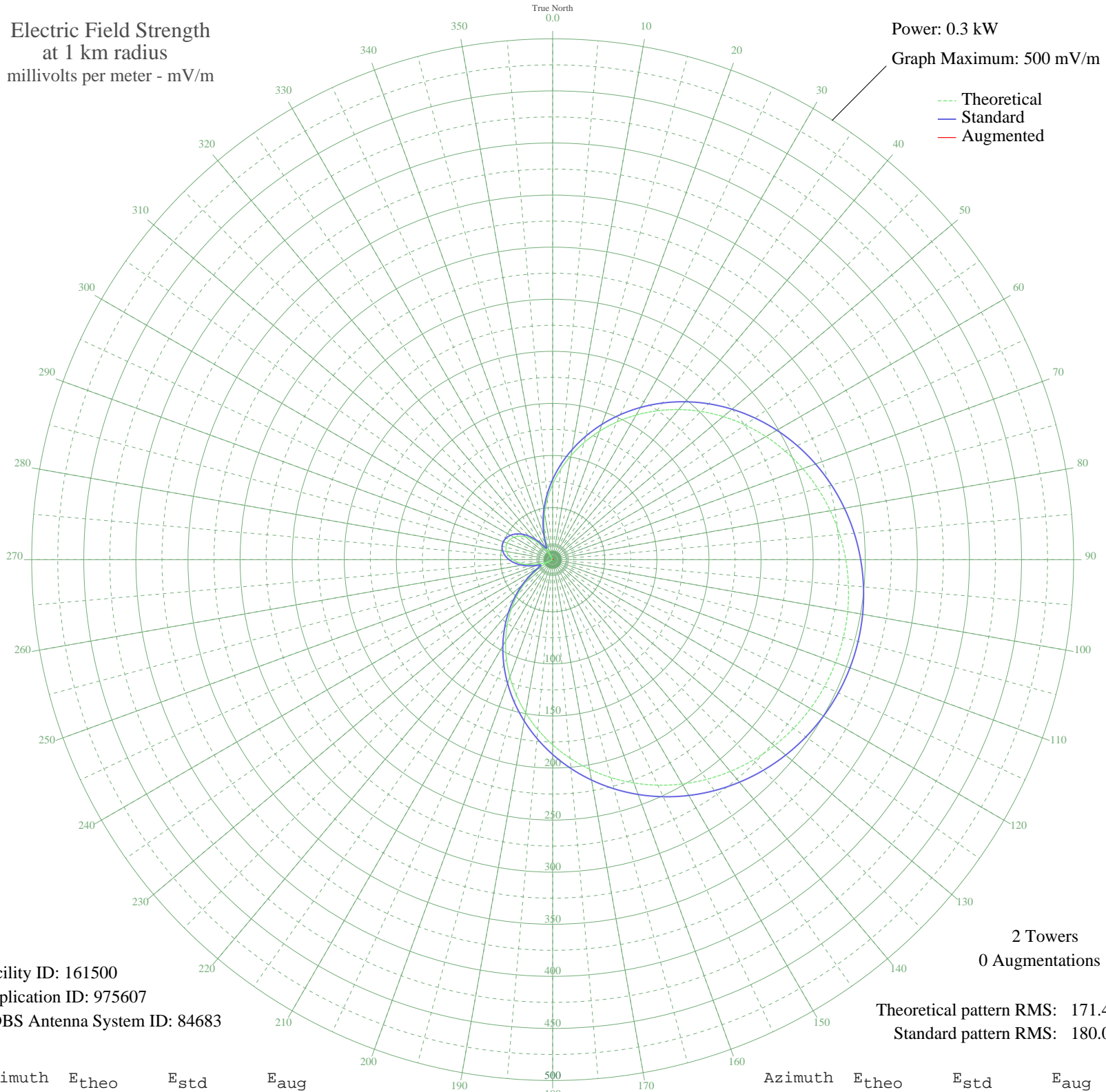
NEW SPOKANE, WA BNP-20040130BHN 1600 kHz

Nighttime

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

Power: 0.3 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161500
Application ID: 975607
CDBS Antenna System ID: 84683

2 Towers
0 Augmentations

Theoretical pattern RMS: 171.40
Standard pattern RMS: 180.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	72.36	76.97	
5	86.79	91.95	
10	101.46	107.24	
15	116.27	122.70	
20	131.09	138.19	
25	145.80	153.58	
30	160.27	168.73	
35	174.41	183.54	
40	188.09	197.88	
45	201.22	211.64	
50	213.70	224.72	
55	225.44	237.02	
60	236.36	248.48	
65	246.39	259.00	
70	255.47	268.52	
75	263.55	276.99	
80	270.57	284.36	
85	276.50	290.59	
90	281.31	295.63	
95	284.98	299.48	
100	287.48	302.10	
105	288.80	303.49	
110	288.95	303.64	
115	287.91	302.55	
120	285.69	300.22	
125	282.30	296.67	
130	277.76	291.91	
135	272.09	285.96	
140	265.33	278.87	
145	257.50	270.66	
150	248.66	261.38	
155	238.85	251.09	
160	228.13	239.85	
165	216.58	227.74	
170	204.28	214.84	
175	191.30	201.24	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	177.74	187.03	
185	163.70	172.32	
190	149.30	157.24	
195	134.63	141.90	
200	119.83	126.42	
205	105.01	110.94	
210	90.29	95.60	
215	75.80	80.53	
220	61.65	65.88	
225	47.95	51.82	
230	34.84	38.58	
235	22.40	26.53	
240	10.75	16.66	
245	0.03	12.26	
250	9.85	16.04	
255	18.62	23.08	
260	26.30	30.21	
265	32.81	36.57	
270	38.11	41.85	
275	42.16	45.93	
280	44.93	48.74	
285	46.40	50.24	
290	46.56	50.40	
295	45.40	49.22	
300	42.94	46.73	
305	39.20	42.95	
310	34.20	37.94	
315	27.97	31.83	
320	20.57	24.84	
325	12.05	17.62	
330	2.48	12.53	
335	8.08	14.91	
340	19.53	23.89	
345	31.79	35.56	
350	44.75	48.56	
355	58.31	62.44	

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.

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