

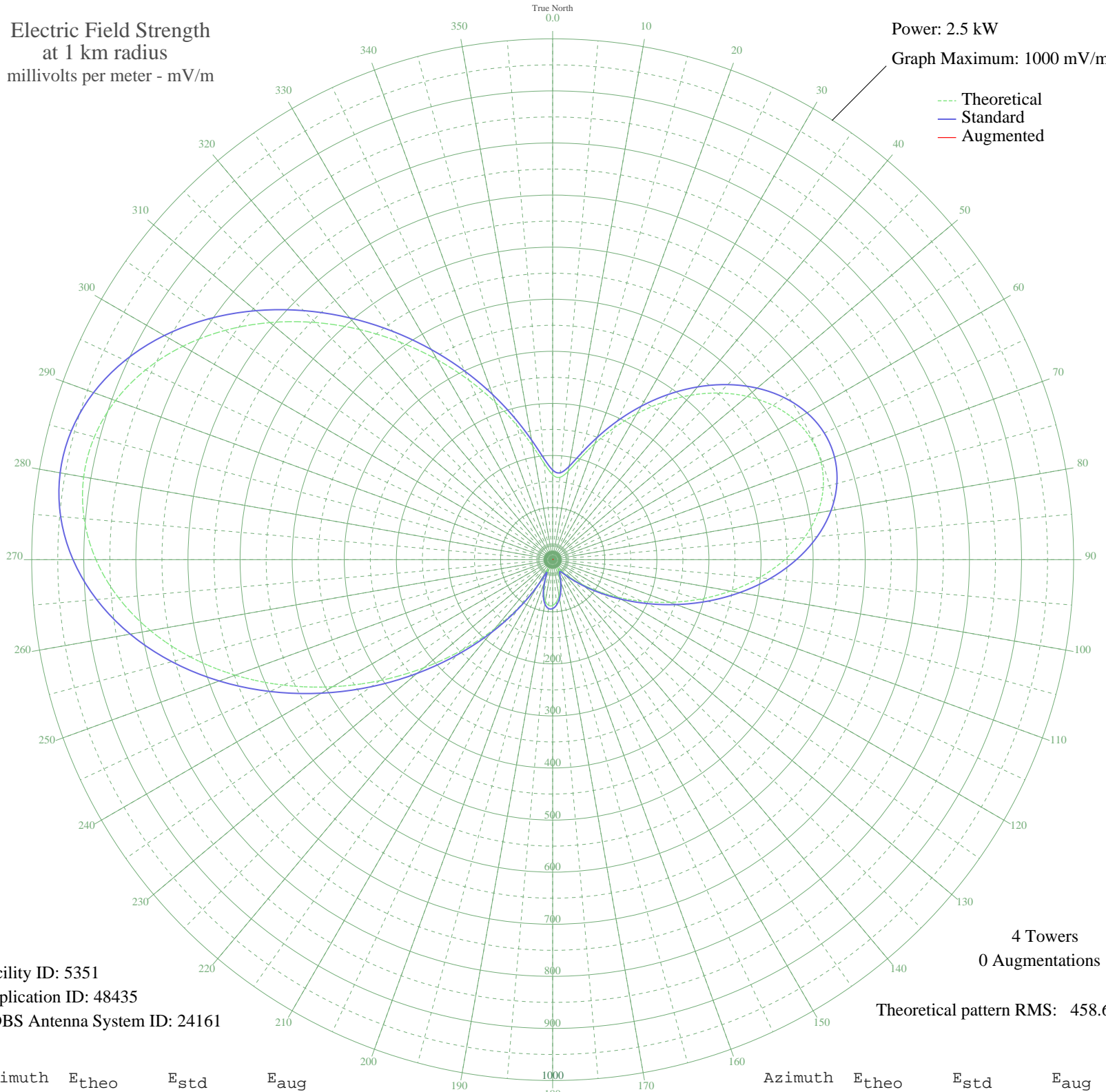
KARI BLAINE, WA BL-19821025AG 550 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 5351
Application ID: 48435
CDBS Antenna System ID: 24161

4 Towers
0 Augmentations

Theoretical pattern RMS: 458.66

Azimuth	E _{theo}	E _{std}	E _{aug}
0	163.09	172.05	
5	158.67	167.43	
10	172.47	181.85	
15	200.35	211.02	
20	237.21	249.62	
25	279.20	293.63	
30	323.67	340.26	
35	368.57	387.35	
40	412.06	432.99	
45	452.37	475.27	
50	487.70	512.36	
55	516.36	542.43	
60	536.79	563.87	
65	547.68	575.31	
70	548.14	575.79	
75	537.72	564.85	
80	516.54	542.62	
85	485.31	509.85	
90	445.33	467.89	
95	398.40	418.65	
100	346.77	364.49	
105	292.95	308.04	
110	239.52	252.05	
115	189.00	199.14	
120	143.57	151.66	
125	104.91	111.40	
130	73.96	79.41	
135	50.69	55.75	
140	34.04	39.41	
145	23.03	29.33	
150	19.85	26.65	
155	27.21	33.04	
160	40.61	45.76	
165	55.76	60.86	
170	70.09	75.45	
175	81.49	87.16	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	88.08	93.96	
185	88.20	94.08	
190	80.51	86.15	
195	64.14	69.36	
200	39.44	44.61	
205	19.68	26.50	
210	53.42	58.50	
215	108.12	114.74	
220	172.73	182.12	
225	245.02	257.80	
230	323.09	339.65	
235	404.86	425.43	
240	488.02	512.69	
245	570.07	598.80	
250	648.44	681.06	
255	720.57	756.78	
260	784.04	823.41	
265	836.68	878.67	
270	876.69	920.67	
275	902.76	948.05	
280	914.15	960.00	
285	910.74	956.42	
290	893.02	937.82	
295	862.10	905.35	
300	819.59	860.73	
305	767.51	806.06	
310	708.14	743.73	
315	643.82	676.22	
320	576.88	605.95	
325	509.42	535.15	
330	443.31	465.77	
335	380.10	399.45	
340	321.14	337.61	
345	267.76	281.64	
350	221.63	233.30	
355	185.41	195.39	

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.

31 Aug 2008

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Federal Communications Commission