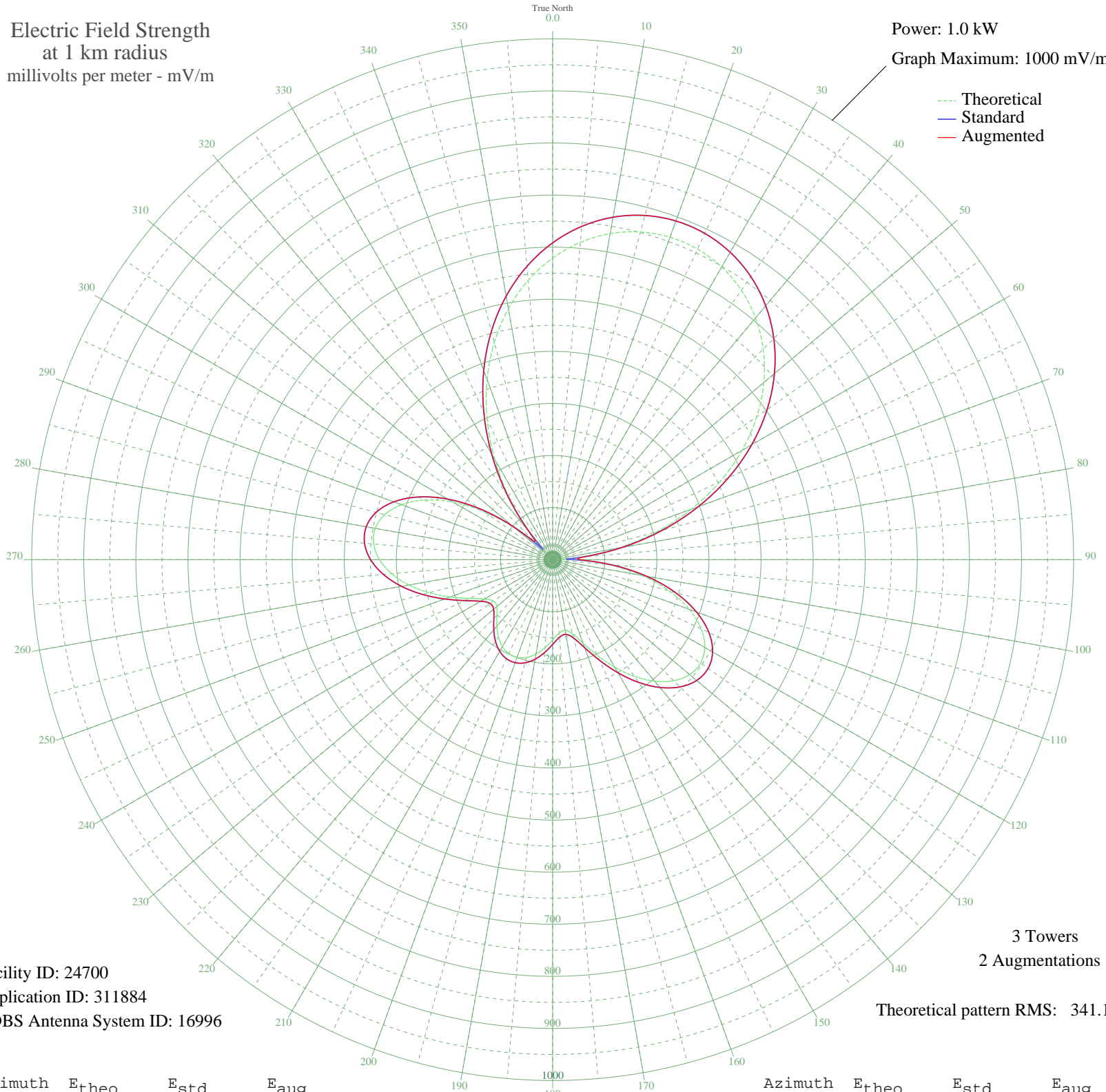


# KOWB LARAMIE, WY BL-- 1290 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 24700  
Application ID: 311884  
CDBS Antenna System ID: 16996

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 341.18

Azimuth	Etheo	Estd	Eaug
0	579.06	608.27	608.27
5	611.55	642.36	642.36
10	635.62	667.63	667.63
15	651.35	684.13	684.13
20	658.78	691.93	691.93
25	657.95	691.07	691.07
30	648.87	681.53	681.53
35	631.48	663.28	663.28
40	605.72	636.25	636.25
45	571.56	600.39	600.39
50	529.03	555.75	555.75
55	478.32	502.54	502.54
60	419.86	441.20	441.20
65	354.36	372.48	372.48
70	282.87	297.52	297.52
75	206.87	217.91	217.91
80	128.35	135.89	135.89
85	50.87	56.17	60.96
90	36.40	41.99	53.16
95	106.70	113.38	113.38
100	173.43	182.93	182.93
105	231.69	243.90	243.90
110	279.29	293.77	293.77
115	314.72	330.92	330.92
120	337.17	354.46	354.46
125	346.49	364.23	364.23
130	343.24	360.82	360.82
135	328.65	345.52	345.52
140	304.59	320.29	320.29
145	273.46	287.66	287.66
150	238.22	250.74	250.74
155	202.45	213.28	213.28
160	170.51	179.88	179.88
165	147.51	155.86	155.86
170	137.78	145.71	145.71
175	141.51	149.60	149.60

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	154.09	162.73	162.73
185	169.70	179.03	179.03
190	184.04	194.02	194.02
195	194.51	204.98	204.98
200	199.75	210.45	210.45
205	199.16	209.84	209.84
210	192.81	203.19	203.19
215	181.42	191.28	191.28
220	166.57	175.76	175.76
225	151.16	159.67	159.67
230	139.87	147.89	147.89
235	138.57	146.54	146.54
240	151.15	159.66	159.66
245	176.35	185.98	185.98
250	209.45	220.61	220.61
255	245.44	258.29	258.29
260	280.12	294.64	294.64
265	310.05	326.02	326.02
270	332.39	349.45	349.45
275	344.84	362.50	362.50
280	345.66	363.36	363.36
285	333.74	350.86	350.86
290	308.66	324.56	324.56
295	270.70	284.77	284.77
300	220.84	232.53	232.53
305	160.68	169.61	169.61
310	92.62	98.80	98.80
315	24.67	31.20	49.44
320	65.88	71.33	72.41
325	144.14	152.34	152.34
330	222.34	234.11	234.11
335	297.58	312.94	312.94
340	367.98	386.77	386.77
345	432.15	454.09	454.09
350	489.10	513.85	513.85
355	538.20	565.37	565.37