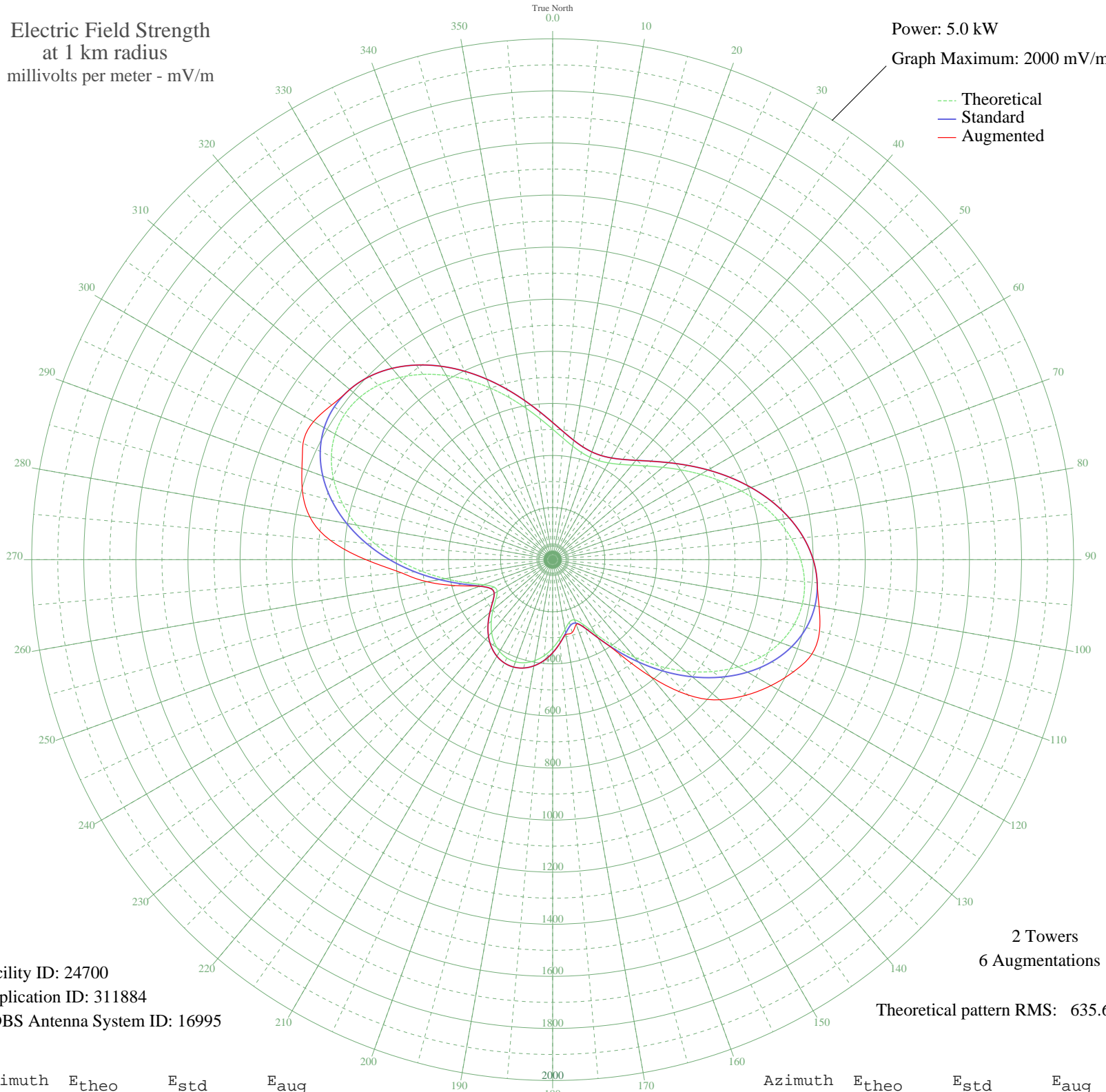


# KOWB LARAMIE, WY BL-- 1290 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 24700  
Application ID: 311884  
CDBS Antenna System ID: 16995

2 Towers  
6 Augmentations

Theoretical pattern RMS: 635.69

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	501.09	526.66	526.66
5	467.67	491.61	491.61
10	442.71	465.43	465.43
15	426.37	448.31	448.31
20	418.66	440.22	440.22
25	419.52	441.12	441.12
30	428.95	451.01	451.01
35	447.01	469.95	469.95
40	473.69	497.93	497.93
45	508.74	534.70	534.70
50	551.56	579.62	579.62
55	601.06	631.55	631.55
60	655.64	688.83	688.83
65	713.26	749.29	749.29
70	771.43	810.34	810.34
75	827.37	869.06	869.06
80	878.13	922.34	922.34
85	920.73	967.06	967.06
90	952.38	1000.28	1000.28
95	970.64	1019.44	1019.44
100	973.62	1022.57	1038.70
105	960.18	1008.46	1060.61
110	929.98	976.76	1059.17
115	883.60	928.07	1019.58
120	822.51	863.95	967.54
125	749.02	786.82	907.28
130	666.21	699.91	836.86
135	577.81	607.16	734.49
140	488.26	513.21	587.54
145	402.86	423.66	435.78
150	328.31	345.52	345.52
155	273.11	287.73	287.73
160	245.86	259.21	264.71
165	248.48	261.96	289.68
170	272.41	286.99	291.96
175	305.72	321.86	321.86

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	339.85	357.61	357.61
185	369.99	389.20	389.20
190	393.66	414.01	414.01
195	409.63	430.75	430.75
200	417.29	438.78	438.78
205	416.44	437.89	437.89
210	407.09	428.08	428.08
215	389.52	409.67	409.67
220	364.42	383.37	383.37
225	333.23	350.68	350.68
230	298.78	314.60	314.60
235	266.52	280.83	280.83
240	245.87	259.22	259.22
245	248.82	262.31	262.31
250	282.15	297.19	298.17
255	341.97	359.83	384.83
260	419.31	440.91	489.26
265	506.02	531.84	582.16
270	595.74	625.96	717.10
275	683.35	717.90	857.18
280	764.57	803.15	946.63
285	835.80	877.91	993.84
290	894.11	939.11	1024.27
295	937.34	984.49	1057.32
300	964.21	1012.69	1060.17
305	974.31	1023.30	1035.38
310	968.16	1016.83	1016.83
315	947.05	994.68	994.68
320	913.00	958.94	958.94
325	868.54	912.27	912.27
330	816.50	857.65	857.65
335	759.88	798.22	798.22
340	701.61	737.06	737.06
345	644.41	677.04	677.04
350	590.69	620.67	620.67
355	542.42	570.03	570.03