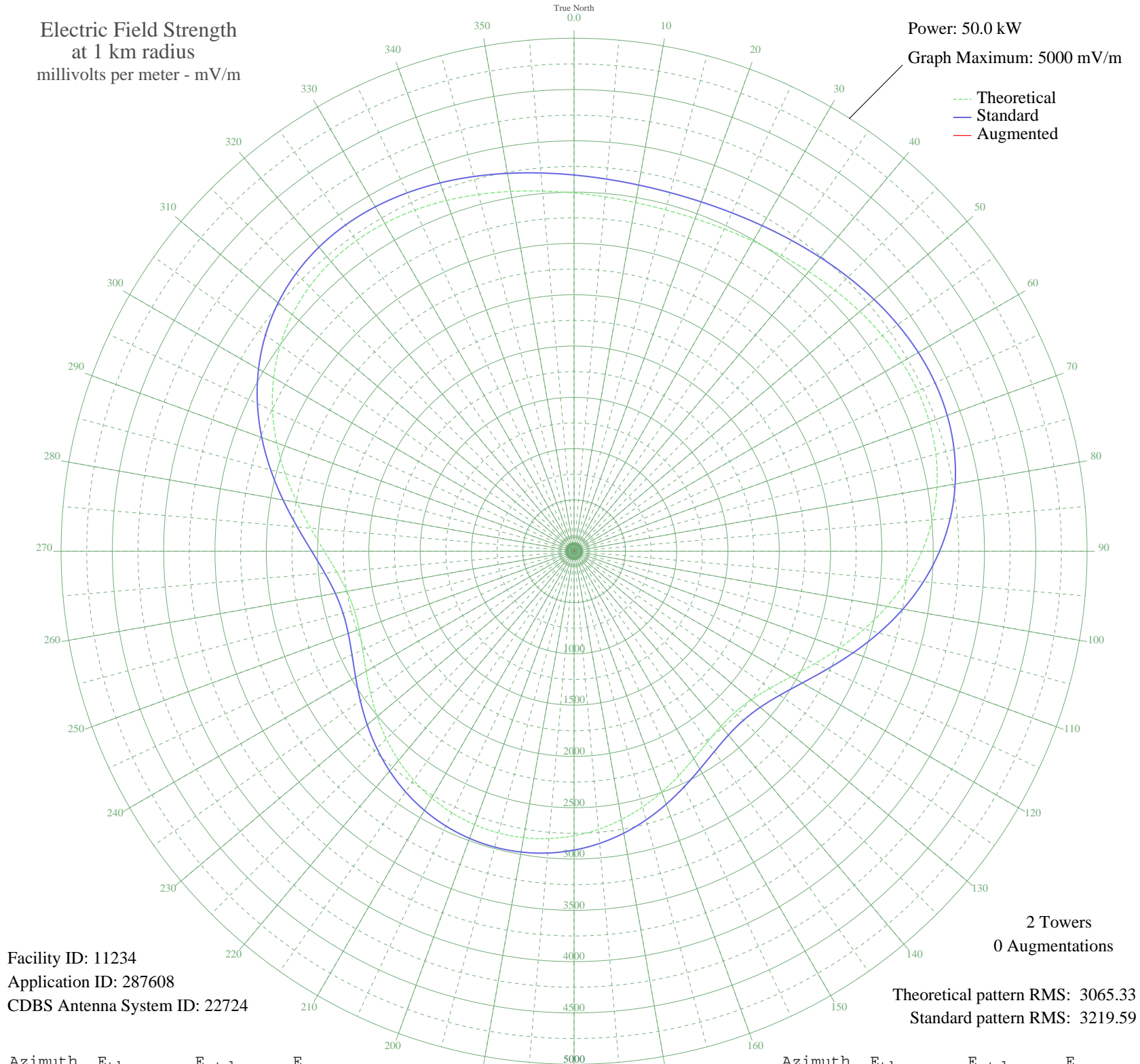


KGA SPOKANE, WA BL-19990804DD 1510 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 11234
Application ID: 287608
CDBS Antenna System ID: 22724

2 Towers
0 Augmentations

Theoretical pattern RMS: 3065.33
Standard pattern RMS: 3219.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3491.35	3666.79	
5	3466.55	3640.76	
10	3450.84	3624.26	
15	3445.20	3618.35	
20	3450.01	3623.39	
25	3464.95	3639.07	
30	3489.07	3664.40	
35	3520.75	3697.65	
40	3557.68	3736.42	
45	3596.85	3777.54	
50	3634.64	3817.21	
55	3666.90	3851.07	
60	3689.11	3874.39	
65	3696.69	3882.35	
70	3685.28	3870.37	
75	3651.09	3834.48	
80	3591.37	3771.78	
85	3504.72	3680.83	
90	3391.53	3562.00	
95	3254.20	3417.85	
100	3097.40	3253.25	
105	2928.11	3075.55	
110	2755.48	2894.36	
115	2590.42	2721.12	
120	2444.74	2568.22	
125	2329.56	2447.35	
130	2253.37	2367.39	
135	2219.89	2332.26	
140	2227.22	2339.95	
145	2268.48	2383.25	
150	2334.01	2452.01	
155	2413.63	2535.58	
160	2498.35	2624.49	
165	2581.03	2711.26	
170	2656.51	2790.48	
175	2721.32	2858.51	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2773.30	2913.06	
185	2811.20	2952.84	
190	2834.38	2977.17	
195	2842.53	2985.73	
200	2835.58	2978.44	
205	2813.60	2955.36	
210	2776.86	2916.80	
215	2725.97	2863.39	
220	2662.12	2796.37	
225	2587.39	2717.94	
230	2505.12	2631.59	
235	2420.33	2542.61	
240	2339.99	2458.29	
245	2272.97	2387.95	
250	2229.39	2342.22	
255	2219.04	2331.37	
260	2249.10	2362.92	
265	2321.95	2439.36	
270	2434.27	2557.23	
275	2577.90	2707.98	
280	2741.84	2880.04	
285	2914.29	3061.05	
290	3084.21	3239.41	
295	3242.30	3405.35	
300	3381.38	3551.35	
305	3496.63	3672.33	
310	3585.43	3765.56	
315	3647.28	3830.48	
320	3683.42	3868.42	
325	3696.53	3882.19	
330	3690.32	3875.66	
335	3669.11	3853.39	
340	3637.49	3820.20	
345	3599.98	3780.82	
350	3560.77	3739.67	
355	3523.55	3700.59	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission