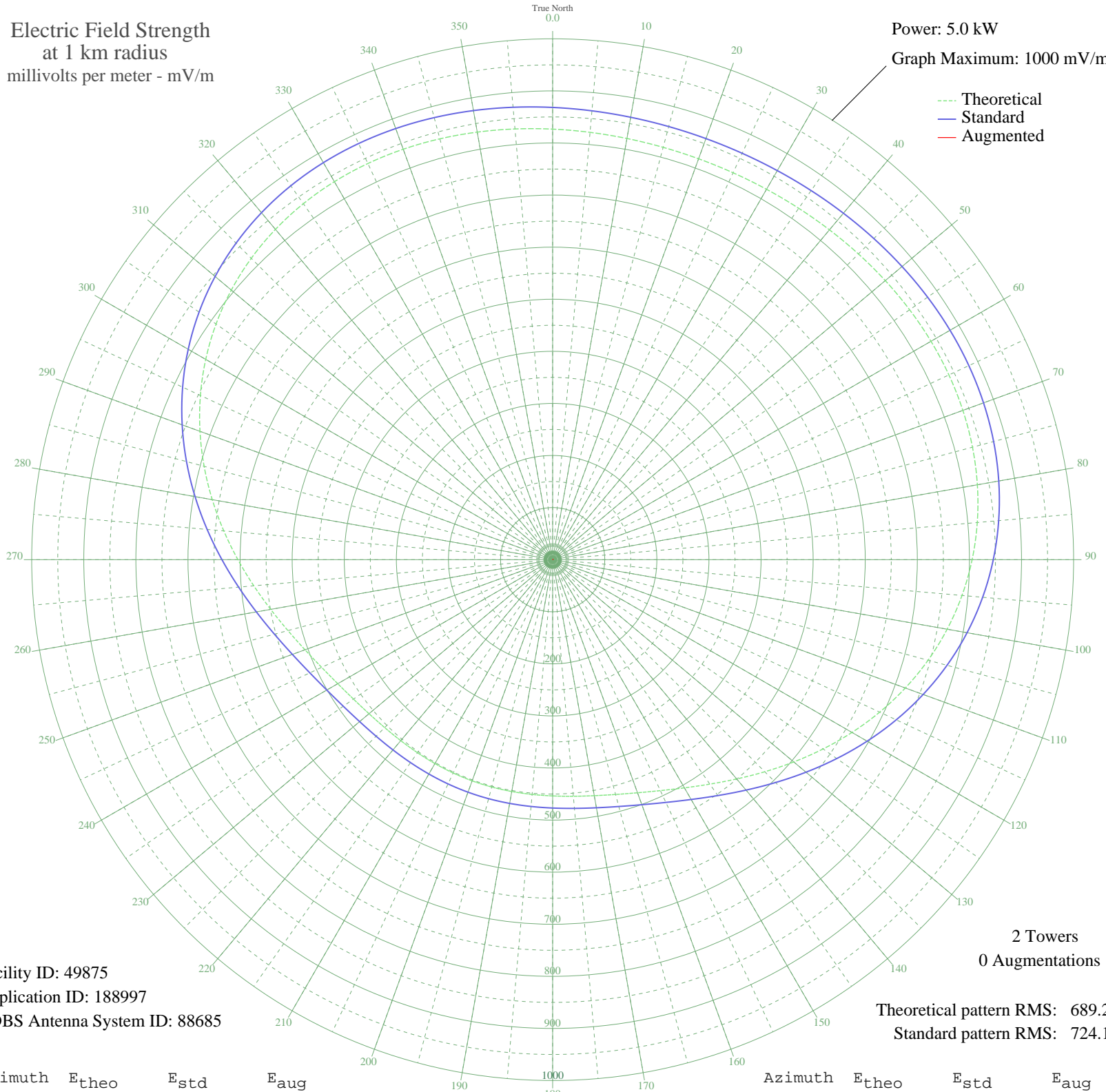


KJOX YAKIMA, WA BL-19930811AD 1390 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 49875
Application ID: 188997
CDBS Antenna System ID: 88685

2 Towers
0 Augmentations

Theoretical pattern RMS: 689.24
Standard pattern RMS: 724.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	826.62	868.27	
5	823.54	865.03	
10	821.11	862.49	
15	819.57	860.87	
20	819.04	860.32	
25	819.57	860.87	
30	821.11	862.49	
35	823.54	865.03	
40	826.62	868.27	
45	830.07	871.89	
50	833.50	875.49	
55	836.50	878.64	
60	838.58	880.82	
65	839.23	881.51	
70	837.97	880.18	
75	834.31	876.34	
80	827.83	869.54	
85	818.20	859.43	
90	805.21	845.80	
95	788.78	828.55	
100	768.97	807.76	
105	746.05	783.70	
110	720.41	756.80	
115	692.64	727.66	
120	663.45	697.02	
125	633.67	665.76	
130	604.17	634.81	
135	575.86	605.11	
140	549.59	577.55	
145	526.08	552.88	
150	505.87	531.69	
155	489.27	514.26	
160	476.29	500.65	
165	466.72	490.61	
170	460.12	483.70	
175	455.95	479.32	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	453.59	476.84	
185	452.44	475.64	
190	452.01	475.19	
195	451.91	475.08	
200	451.90	475.08	
205	451.91	475.08	
210	452.01	475.19	
215	452.44	475.64	
220	453.59	476.84	
225	455.95	479.32	
230	460.12	483.70	
235	466.72	490.61	
240	476.29	500.65	
245	489.27	514.26	
250	505.87	531.69	
255	526.08	552.88	
260	549.59	577.55	
265	575.86	605.11	
270	604.17	634.81	
275	633.67	665.76	
280	663.45	697.02	
285	692.64	727.66	
290	720.41	756.80	
295	746.05	783.70	
300	768.97	807.76	
305	788.78	828.55	
310	805.21	845.80	
315	818.20	859.43	
320	827.83	869.54	
325	834.31	876.34	
330	837.97	880.18	
335	839.23	881.51	
340	838.58	880.82	
345	836.50	878.64	
350	833.50	875.49	
355	830.07	871.89	

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