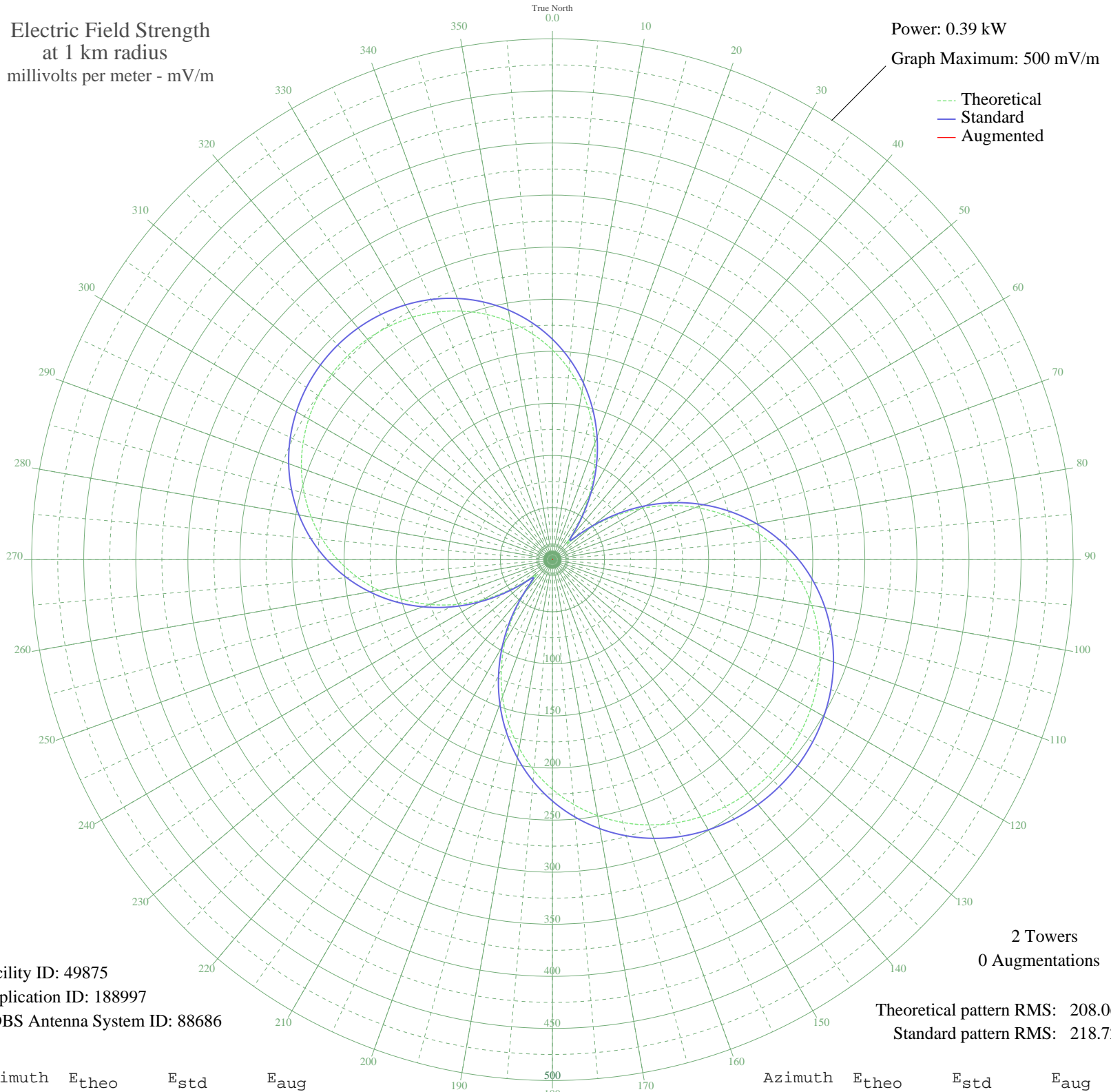


# KJOX YAKIMA, WA BL-19930811AD 1390 kHz

Nighttime

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

Power: 0.39 kW  
Graph Maximum: 500 mV/m



Facility ID: 49875  
Application ID: 188997  
CDBS Antenna System ID: 88686

2 Towers  
0 Augmentations

Theoretical pattern RMS: 208.06  
Standard pattern RMS: 218.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	201.35	211.68	
5	183.37	192.83	
10	163.56	172.06	
15	142.06	149.53	
20	119.05	125.44	
25	94.83	100.12	
30	69.84	74.08	
35	45.09	48.49	
40	24.61	27.89	
45	26.04	29.29	
50	47.56	51.03	
55	72.75	77.11	
60	98.18	103.63	
65	122.93	129.51	
70	146.55	154.24	
75	168.75	177.50	
80	189.30	199.05	
85	208.08	218.73	
90	224.97	236.45	
95	239.95	252.16	
100	252.99	265.84	
105	264.11	277.52	
110	273.37	287.23	
115	280.79	295.02	
120	286.45	300.96	
125	290.38	305.08	
130	292.64	307.45	
135	293.23	308.07	
140	292.17	306.96	
145	289.45	304.11	
150	285.04	299.48	
155	278.89	293.03	
160	270.96	284.70	
165	261.19	274.45	
170	249.53	262.22	
175	235.95	247.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	220.43	231.69	
185	203.01	213.41	
190	183.72	193.19	
195	162.69	171.15	
200	140.07	147.45	
205	116.10	122.36	
210	91.11	96.23	
215	65.61	69.69	
220	40.84	44.15	
225	22.46	25.82	
230	29.26	32.47	
235	51.89	55.48	
240	76.88	81.40	
245	101.71	107.31	
250	125.63	132.33	
255	148.24	156.00	
260	169.29	178.06	
265	188.59	198.30	
270	206.04	216.60	
275	221.57	232.89	
280	235.14	247.12	
285	246.76	259.32	
290	256.46	269.49	
295	264.26	277.67	
300	270.22	283.92	
305	274.37	288.28	
310	276.75	290.78	
315	277.38	291.44	
320	276.26	290.27	
325	273.39	287.25	
330	268.74	282.37	
335	262.27	275.58	
340	253.94	266.84	
345	243.71	256.11	
350	231.54	243.34	
355	217.42	228.53	

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