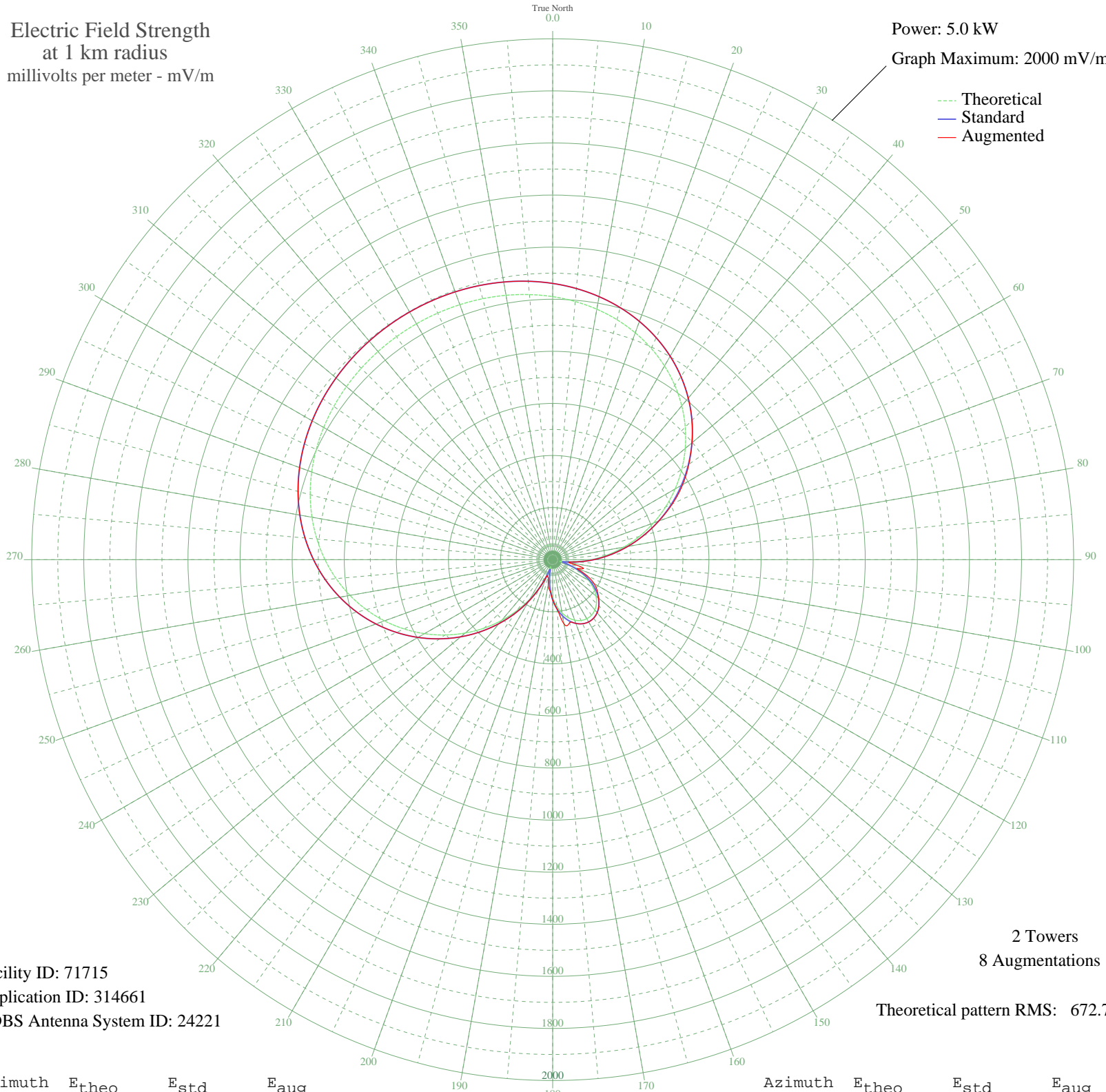


# KPQ WENATCHEE, WA BL-- 560 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 71715  
Application ID: 314661  
CDBS Antenna System ID: 24221

2 Towers  
8 Augmentations

Theoretical pattern RMS: 672.71

Azimuth	Etheo	Estd	Eaug
0	1010.01	1060.78	1060.78
5	995.08	1045.10	1045.10
10	976.53	1025.63	1025.63
15	953.96	1001.93	1001.93
20	926.99	973.63	973.63
25	895.34	940.40	940.40
30	858.80	902.05	902.05
35	817.31	858.50	858.50
40	770.92	809.81	809.81
45	719.86	756.21	756.21
50	664.47	698.09	698.09
55	605.26	635.96	638.29
60	542.89	570.52	576.42
65	478.10	502.55	507.39
70	411.73	432.95	433.58
75	344.69	362.68	362.68
80	277.93	292.77	292.77
85	212.42	224.28	224.28
90	149.23	158.44	158.44
95	89.82	97.19	97.19
100	39.18	47.37	62.78
105	37.78	46.10	120.22
110	79.57	86.79	99.03
115	121.54	129.75	144.98
120	159.02	168.62	183.55
125	191.12	202.05	209.32
130	217.45	229.53	230.19
135	237.80	250.79	250.79
140	252.04	265.68	265.68
145	260.12	274.13	274.13
150	261.98	276.08	276.08
155	257.63	271.53	271.53
160	247.08	260.50	260.50
165	230.39	243.04	251.08
170	207.63	219.27	250.82
175	178.96	189.37	189.37

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	144.64	153.68	153.68
185	105.19	112.92	119.66
190	62.15	69.36	96.89
195	28.06	37.68	69.30
200	57.47	64.75	68.20
205	112.99	120.94	120.94
210	174.16	184.36	184.36
215	238.41	251.43	251.43
220	304.54	320.62	320.62
225	371.52	390.80	390.80
230	438.41	460.92	460.92
235	504.25	529.98	529.98
240	568.17	597.04	597.04
245	629.37	661.25	661.25
250	687.11	721.85	721.85
255	740.83	778.22	778.22
260	790.06	829.89	829.89
265	834.50	876.54	876.54
270	874.01	918.01	918.01
275	908.58	954.30	954.30
280	938.33	985.52	985.52
285	963.50	1011.94	1011.94
290	984.41	1033.90	1033.90
295	1001.46	1051.80	1051.80
300	1015.07	1066.08	1066.08
305	1025.66	1077.20	1077.20
310	1033.65	1085.58	1085.58
315	1039.39	1091.61	1091.61
320	1043.18	1095.59	1095.59
325	1045.25	1097.76	1097.76
330	1045.72	1098.26	1098.26
335	1044.62	1097.10	1097.10
340	1041.88	1094.23	1094.23
345	1037.34	1089.46	1089.46
350	1030.74	1082.53	1082.53
355	1021.76	1073.11	1073.11