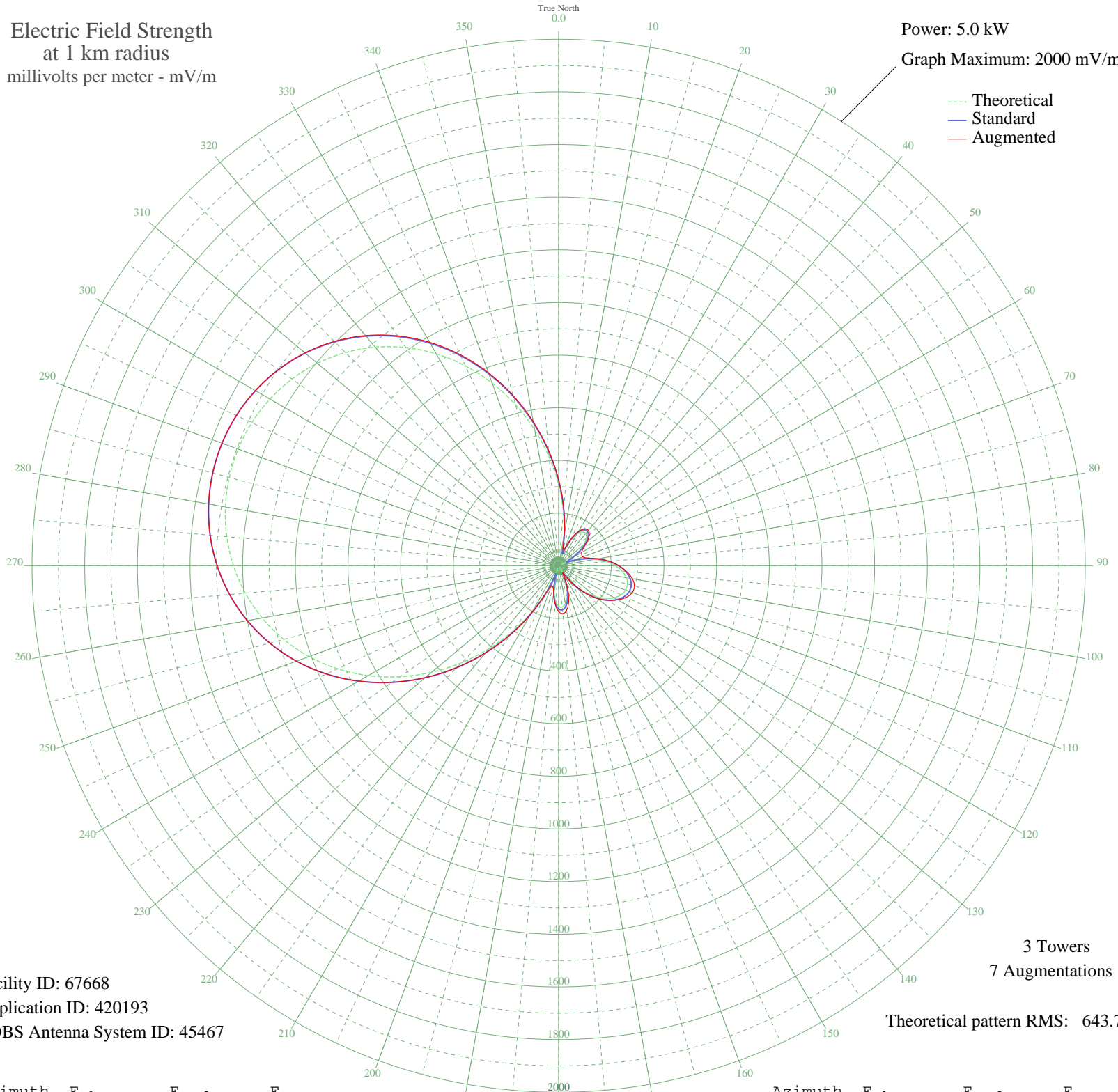


KONA KENNEWICK-RICHLAND-P, WA BL-- 610 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 67668
Application ID: 420193
CDBS Antenna System ID: 45467

3 Towers
7 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E _{theo}	E _{std}	E _{aug}
0	306.82	323.43	326.54
5	205.32	217.47	219.50
10	113.86	122.93	123.66
15	43.46	53.87	64.91
20	55.36	64.80	68.25
25	102.23	111.10	112.02
30	137.17	146.84	149.30
35	156.37	166.67	170.63
40	159.87	170.29	175.37
45	148.84	158.88	164.44
50	125.18	134.52	139.79
55	91.32	100.07	113.86
60	50.17	59.95	100.85
65	10.59	30.71	96.60
70	47.13	57.18	97.75
75	94.76	103.54	113.21
80	140.09	149.85	149.85
85	180.84	192.03	192.03
90	215.37	227.94	228.06
95	242.37	256.09	259.71
100	260.92	275.46	284.40
105	270.42	285.38	297.78
110	270.55	285.52	297.45
115	261.32	275.87	283.69
120	243.01	256.76	259.34
125	216.23	228.84	228.84
130	181.89	193.12	193.12
135	141.27	151.07	151.07
140	96.00	104.78	104.78
145	48.14	58.10	58.10
150	6.76	29.50	29.50
155	47.78	57.76	58.59
160	89.17	97.91	105.27
165	123.11	132.39	145.64
170	146.79	156.76	172.53
175	157.77	168.11	182.40

Azimuth	E _{theo}	E _{std}	E _{aug}
180	154.08	164.30	173.92
185	134.37	143.96	147.76
190	98.04	106.85	107.11
195	45.60	55.79	82.68
200	25.89	39.48	82.07
205	106.80	115.74	119.95
210	200.39	212.34	212.34
215	302.66	319.08	319.08
220	410.39	431.86	431.86
225	520.37	547.14	547.14
230	629.51	661.60	661.60
235	735.03	772.31	772.31
240	834.58	876.77	876.77
245	926.29	973.03	973.03
250	1008.80	1059.63	1059.63
255	1081.24	1135.66	1135.66
260	1143.12	1200.62	1200.62
265	1194.32	1254.36	1254.36
270	1234.90	1296.96	1296.96
275	1265.07	1328.64	1328.64
280	1285.09	1349.65	1349.65
285	1295.14	1360.20	1360.20
290	1295.35	1360.42	1360.42
295	1285.72	1350.30	1350.41
300	1266.11	1329.72	1330.13
305	1236.32	1298.45	1299.34
310	1196.11	1256.24	1257.73
315	1145.25	1202.86	1205.03
320	1083.67	1138.22	1141.10
325	1011.50	1062.47	1066.02
330	929.22	976.10	980.22
335	837.70	880.05	884.59
340	738.31	775.76	780.51
345	632.94	665.20	669.95
350	523.96	550.90	555.38
355	414.19	435.84	439.78

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission