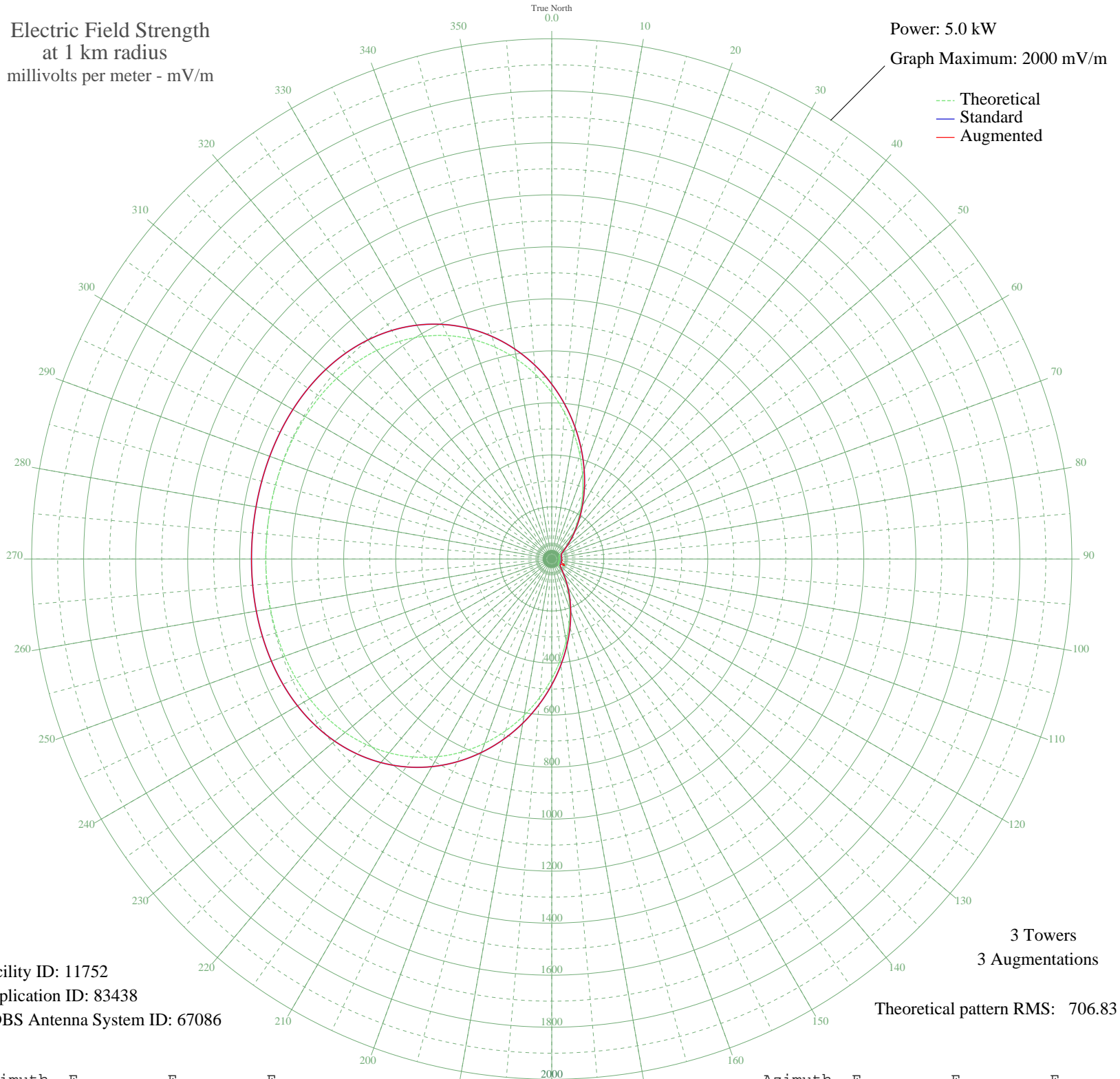


# KXPA BELLEVUE, WA BL-19851115AH 1540 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 11752  
Application ID: 83438  
CDBS Antenna System ID: 67086

3 Towers  
3 Augmentations  
Theoretical pattern RMS: 706.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	639.69	672.09	672.09
5	564.97	593.68	593.68
10	489.87	514.90	514.90
15	416.38	437.83	437.83
20	346.38	364.45	364.45
25	281.51	296.51	296.51
30	223.10	235.43	235.43
35	172.12	182.25	182.25
40	129.14	137.61	137.61
45	94.36	101.82	101.82
50	67.72	74.88	74.88
55	48.92	56.48	56.48
60	37.35	45.71	45.71
65	31.59	40.64	40.64
70	29.44	38.81	38.81
75	28.87	38.34	38.34
80	28.78	38.27	40.21
85	28.79	38.27	38.27
90	28.79	38.28	38.28
95	28.79	38.28	39.35
100	28.79	38.28	40.28
105	28.79	38.27	38.27
110	28.78	38.27	38.27
115	28.81	38.29	54.55
120	29.10	38.53	40.55
125	30.43	39.65	39.65
130	34.46	43.14	43.14
135	43.48	51.34	51.34
140	59.28	66.53	66.53
145	82.74	89.99	89.99
150	114.24	122.23	122.23
155	153.95	163.34	163.34
160	201.78	213.17	213.17
165	257.31	271.19	271.19
170	319.73	336.54	336.54
175	387.86	407.93	407.93

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	460.17	483.75	483.75
185	534.86	562.09	562.09
190	609.97	640.90	640.90
195	683.54	718.10	718.10
200	753.69	791.72	791.72
205	818.79	860.05	860.05
210	877.55	921.73	921.73
215	929.06	975.80	975.80
220	972.86	1021.77	1021.77
225	1008.87	1059.57	1059.57
230	1037.42	1089.55	1089.55
235	1059.15	1112.35	1112.35
240	1074.90	1128.89	1128.89
245	1085.67	1140.20	1140.20
250	1092.52	1147.38	1147.38
255	1096.46	1151.52	1151.52
260	1098.43	1153.59	1153.59
265	1099.22	1154.42	1154.42
270	1099.43	1154.64	1154.64
275	1099.45	1154.66	1154.66
280	1099.45	1154.66	1154.66
285	1099.35	1154.55	1154.55
290	1098.85	1154.03	1154.03
295	1097.44	1152.55	1152.55
300	1094.39	1149.35	1149.35
305	1088.82	1143.50	1143.50
310	1079.75	1133.98	1133.98
315	1066.11	1119.66	1119.66
320	1046.89	1099.48	1099.48
325	1021.16	1072.47	1072.47
330	988.18	1037.86	1037.86
335	947.52	995.17	995.17
340	899.06	944.31	944.31
345	843.12	885.58	885.58
350	780.42	819.77	819.77
355	712.11	748.08	748.08