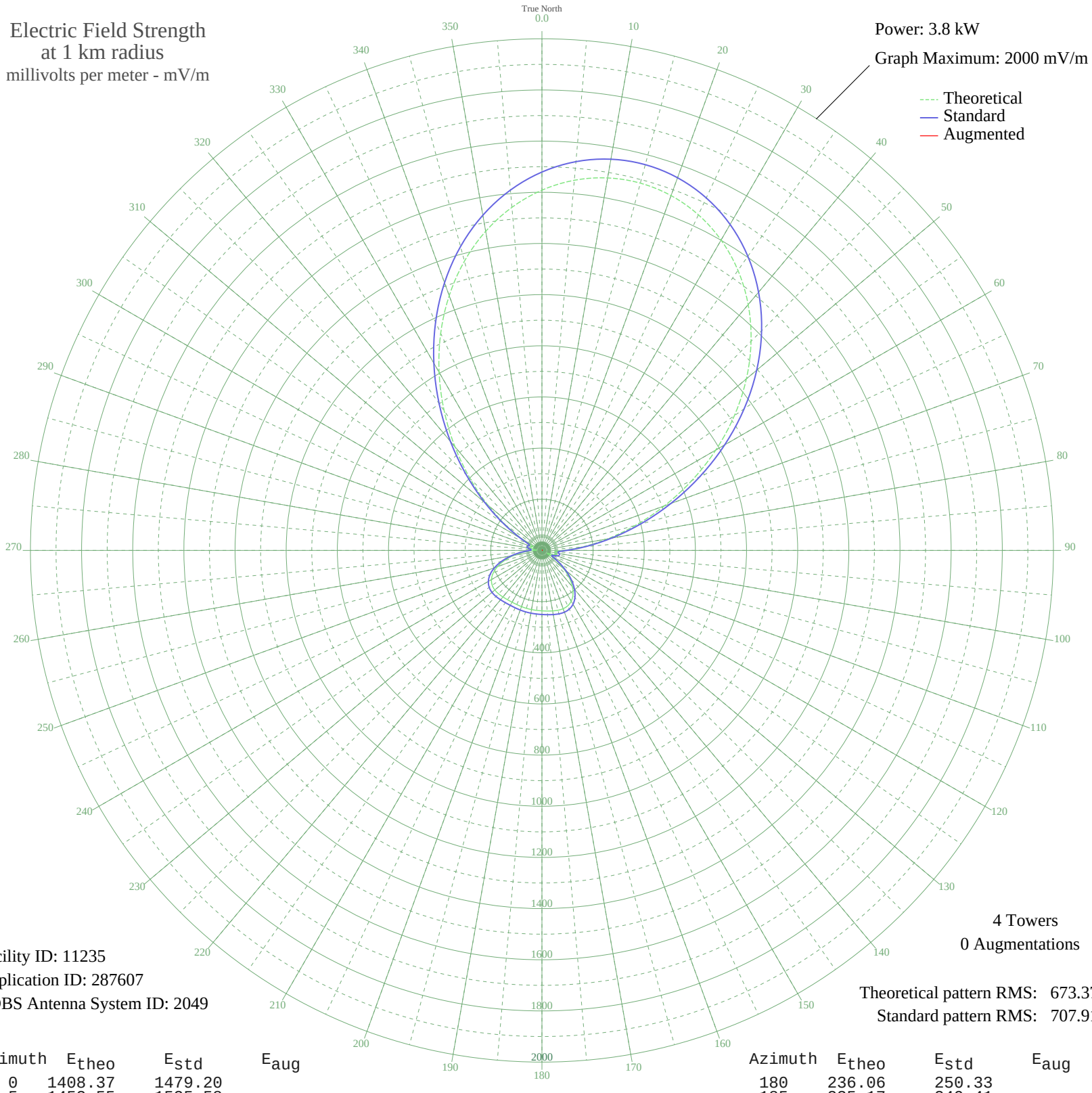
KJRB SPOKANE, WA BL-19990804DC 790 kHz

Nighttime

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



Power: 3.8 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 11235
Application ID: 287607
CDBS Antenna System ID: 2049

Theoretical pattern RMS: 673.37
Standard pattern RMS: 707.91

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1408.37	1479.20	
5	1452.55	1525.58	
10	1478.61	1552.94	
15	1486.48	1561.20	
20	1476.15	1550.35	
25	1447.62	1520.40	
30	1400.97	1471.43	
35	1336.43	1403.69	
40	1254.55	1317.74	
45	1156.35	1214.67	
50	1043.51	1096.25	
55	918.57	965.14	
60	784.93	824.92	
65	646.92	680.17	
70	509.63	536.26	
75	378.69	399.16	
80	259.97	275.21	
85	159.54	171.14	
90	84.93	95.82	
95	50.61	63.67	
100	55.04	67.60	
105	58.98	71.17	
110	48.50	61.83	
115	27.61	45.50	
120	30.39	47.41	
125	67.99	79.53	
130	110.84	121.55	
135	151.20	162.59	
140	185.38	197.79	
145	211.46	224.78	
150	228.97	242.96	
155	238.70	253.08	
160	242.36	256.88	
165	242.08	256.59	
170	239.99	254.42	
175	237.70	252.04	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	236.06	250.33	
185	235.17	249.41	
190	234.68	248.90	
195	234.21	248.41	
200	233.64	247.82	
205	233.25	247.40	
210	233.55	247.72	
215	234.96	249.18	
220	237.35	251.68	
225	239.79	254.21	
230	240.52	254.97	
235	237.30	251.62	
240	227.94	241.89	
245	210.73	224.03	
250	184.96	197.35	
255	151.19	162.58	
260	111.45	122.17	
265	69.44	80.91	
270	32.03	48.58	
275	23.29	42.75	
280	40.24	54.91	
285	47.23	60.73	
290	40.12	54.81	
295	41.90	56.26	
300	90.63	101.42	
305	172.30	184.28	
310	276.45	292.38	
315	397.30	418.64	
320	529.30	556.87	
325	666.76	700.98	
330	804.20	845.14	
335	936.66	984.12	
340	1059.95	1113.50	
345	1170.79	1229.83	
350	1266.76	1330.56	
355	1346.27	1414.02	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission