

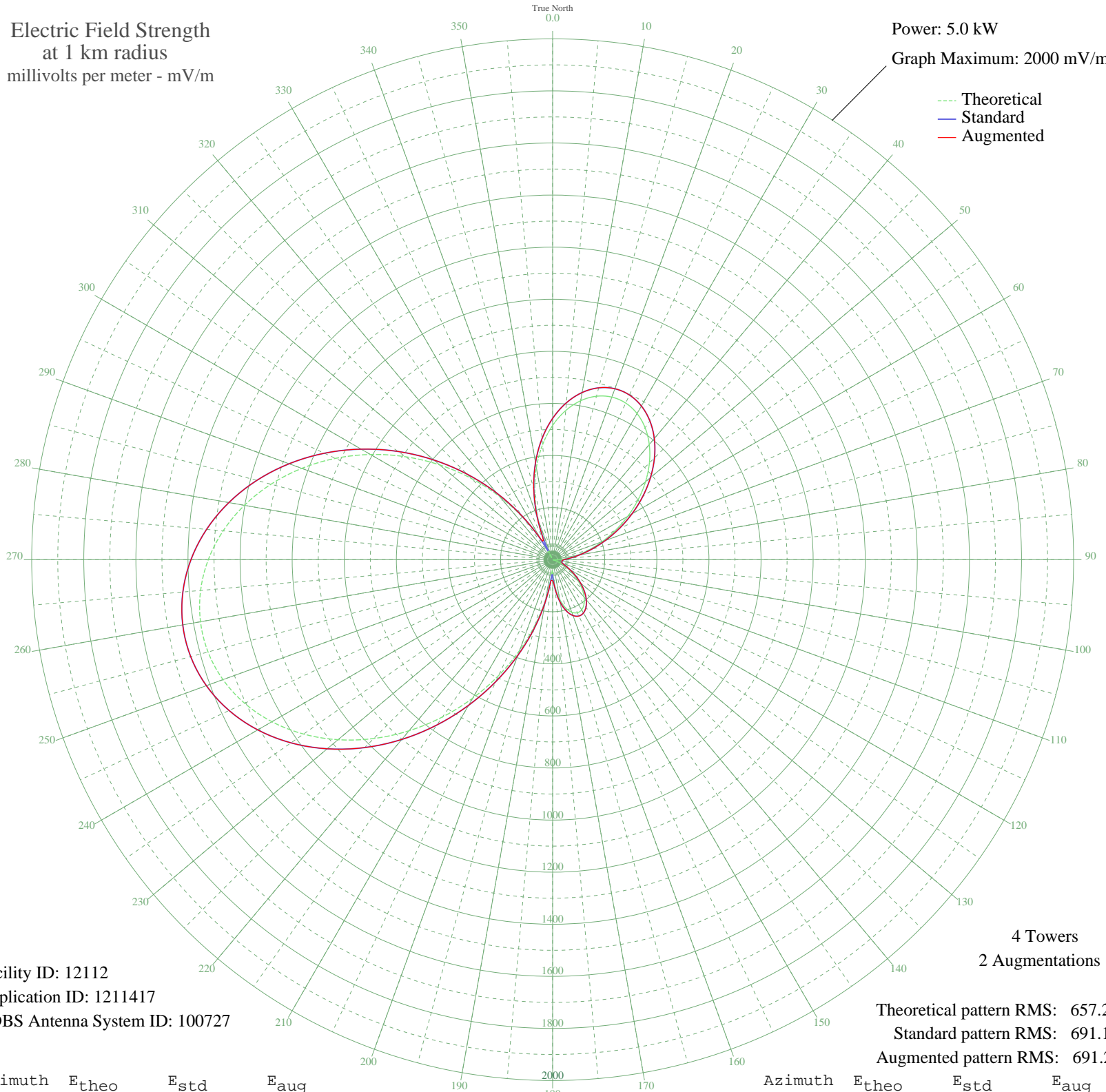
# KKDZ SEATTLE, WA BL-20071004ADZ 1250 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 12112  
Application ID: 1211417  
CDBS Antenna System ID: 100727

Theoretical pattern RMS: 657.26  
Standard pattern RMS: 691.10  
Augmented pattern RMS: 691.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	515.62	542.61	542.61
5	574.80	604.63	604.63
10	619.74	651.74	651.74
15	649.69	683.13	683.13
20	664.27	698.42	698.42
25	663.52	697.64	697.64
30	647.99	681.35	681.35
35	618.68	650.63	650.63
40	577.12	607.06	607.06
45	525.26	552.71	552.71
50	465.47	490.08	490.08
55	400.39	421.97	421.97
60	332.86	351.38	351.38
65	265.77	281.40	281.40
70	201.88	215.05	215.05
75	143.78	155.26	155.26
80	93.68	104.83	104.83
85	53.39	66.75	66.75
90	24.36	44.36	44.36
95	8.60	37.34	37.34
100	5.85	36.75	36.75
105	1.05	36.25	36.25
110	14.08	39.13	39.13
115	36.07	52.41	52.41
120	64.05	76.39	76.39
125	95.77	106.89	106.89
130	128.75	139.96	139.96
135	160.42	172.29	172.29
140	188.21	200.92	200.92
145	209.66	223.10	223.10
150	222.49	236.41	236.41
155	224.71	238.71	238.71
160	214.69	228.32	228.32
165	191.28	204.08	204.08
170	153.95	165.66	165.66
175	103.55	114.61	114.61

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	49.12	63.03	81.19
185	68.34	80.38	84.51
190	154.80	166.53	166.53
195	258.06	273.37	273.37
200	371.26	391.50	391.50
205	491.00	516.82	516.82
210	614.13	645.85	645.85
215	737.40	775.12	775.12
220	857.53	901.14	901.14
225	971.27	1020.47	1020.47
230	1075.51	1129.87	1129.87
235	1167.43	1226.33	1226.33
240	1244.54	1307.27	1307.27
245	1304.85	1370.57	1370.57
250	1346.86	1414.67	1414.67
255	1369.65	1438.59	1438.59
260	1372.88	1441.98	1441.98
265	1356.75	1425.05	1425.05
270	1322.00	1388.57	1388.57
275	1269.78	1333.76	1333.76
280	1201.63	1262.23	1262.23
285	1119.34	1175.86	1175.86
290	1024.87	1076.72	1076.72
295	920.26	966.95	966.95
300	807.59	848.74	848.74
305	688.86	724.21	724.21
310	566.01	595.41	595.41
315	440.88	464.34	464.34
320	315.24	332.98	332.98
325	190.79	203.58	203.58
330	69.30	81.29	91.48
335	49.08	63.00	85.46
340	160.13	172.00	172.00
345	264.01	279.57	279.57
350	358.88	378.56	378.56
355	443.22	466.79	466.79