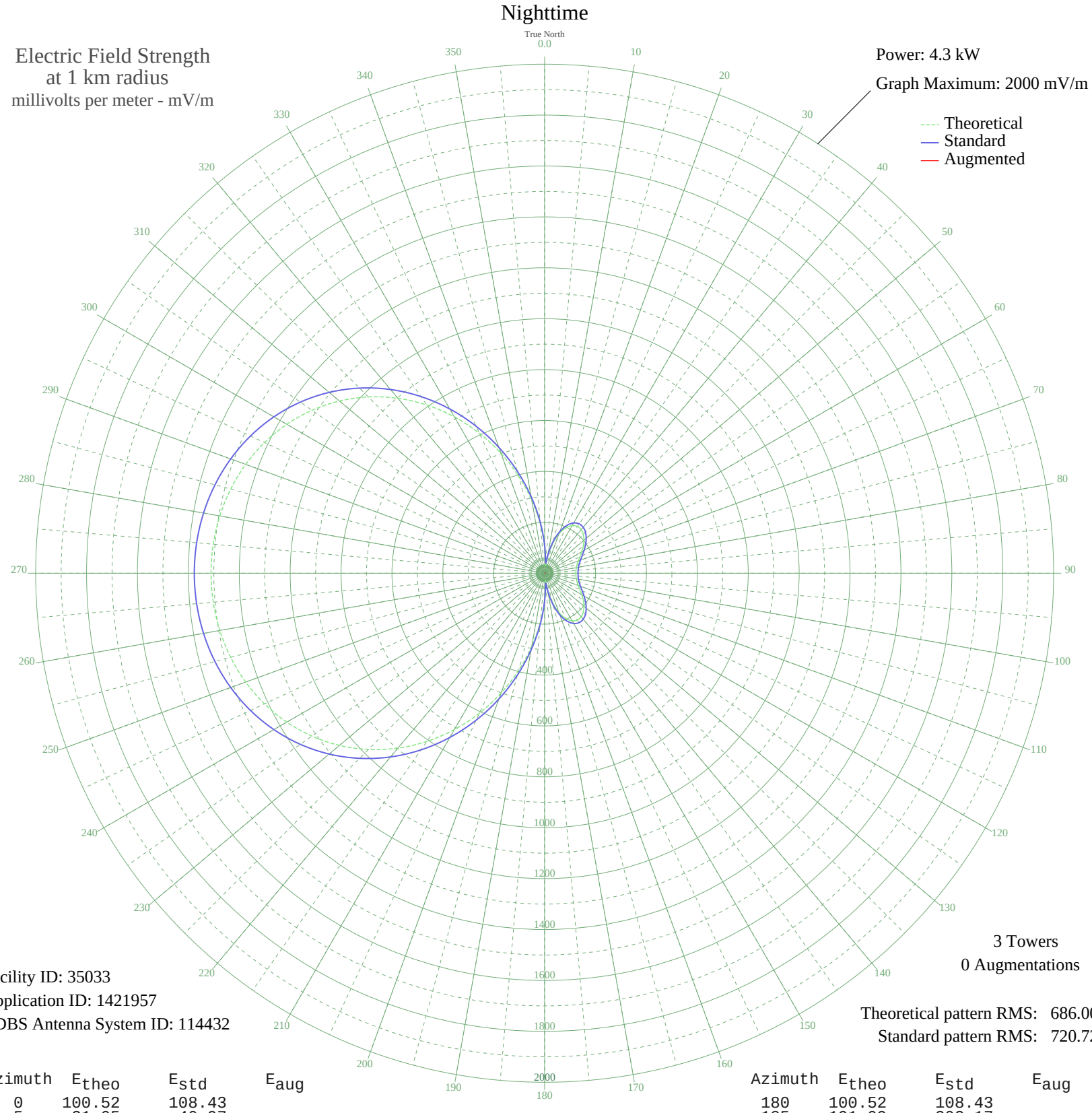
KKSN VANCOUVER, WA BMP-20101213AAR 910 kHz

Nighttime

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

Power: 4.3 kW

Graph Maximum: 2000 mV/m



3 Towers
0 Augmentations

Facility ID: 35033
Application ID: 1421957
CDBS Antenna System ID: 114432

Theoretical pattern RMS: 686.00
Standard pattern RMS: 720.72

Azimuth	E_{theo}	E_{std}	E_{aug}
0	100.52	108.43	
5	31.05	40.97	
10	64.06	71.70	
15	119.74	128.16	
20	164.33	174.32	
25	196.22	207.52	
30	215.82	227.96	
35	224.28	236.80	
40	223.31	235.79	
45	214.96	227.07	
50	201.49	213.02	
55	185.25	196.09	
60	168.48	178.64	
65	153.16	162.73	
70	140.73	149.83	
75	131.83	140.63	
80	126.31	134.93	
85	123.49	132.02	
90	122.64	131.15	
95	123.49	132.02	
100	126.31	134.93	
105	131.83	140.63	
110	140.73	149.83	
115	153.16	162.73	
120	168.48	178.64	
125	185.25	196.09	
130	201.49	213.02	
135	214.96	227.07	
140	223.31	235.79	
145	224.28	236.80	
150	215.82	227.96	
155	196.22	207.52	
160	164.33	174.32	
165	119.74	128.16	
170	64.06	71.70	
175	31.05	40.97	

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_{theo}	E_{std}	E_{aug}
180	100.52	108.43	
185	191.09	202.17	
190	290.17	305.69	
195	394.34	414.80	
200	500.69	526.31	
205	606.48	637.28	
210	709.19	745.06	
215	806.66	847.36	
220	897.14	942.33	
225	979.35	1028.61	
230	1052.44	1105.34	
235	1116.00	1172.06	
240	1169.96	1228.71	
245	1214.54	1275.51	
250	1250.11	1312.85	
255	1277.12	1341.20	
260	1296.02	1361.05	
265	1307.20	1372.78	
270	1310.90	1376.67	
275	1307.20	1372.78	
280	1296.02	1361.05	
285	1277.12	1341.20	
290	1250.11	1312.85	
295	1214.54	1275.51	
300	1169.96	1228.71	
305	1116.00	1172.06	
310	1052.44	1105.34	
315	979.35	1028.61	
320	897.14	942.33	
325	806.66	847.36	
330	709.19	745.06	
335	606.47	637.28	
340	500.69	526.31	
345	394.34	414.80	
350	290.17	305.69	
355	191.09	202.17	