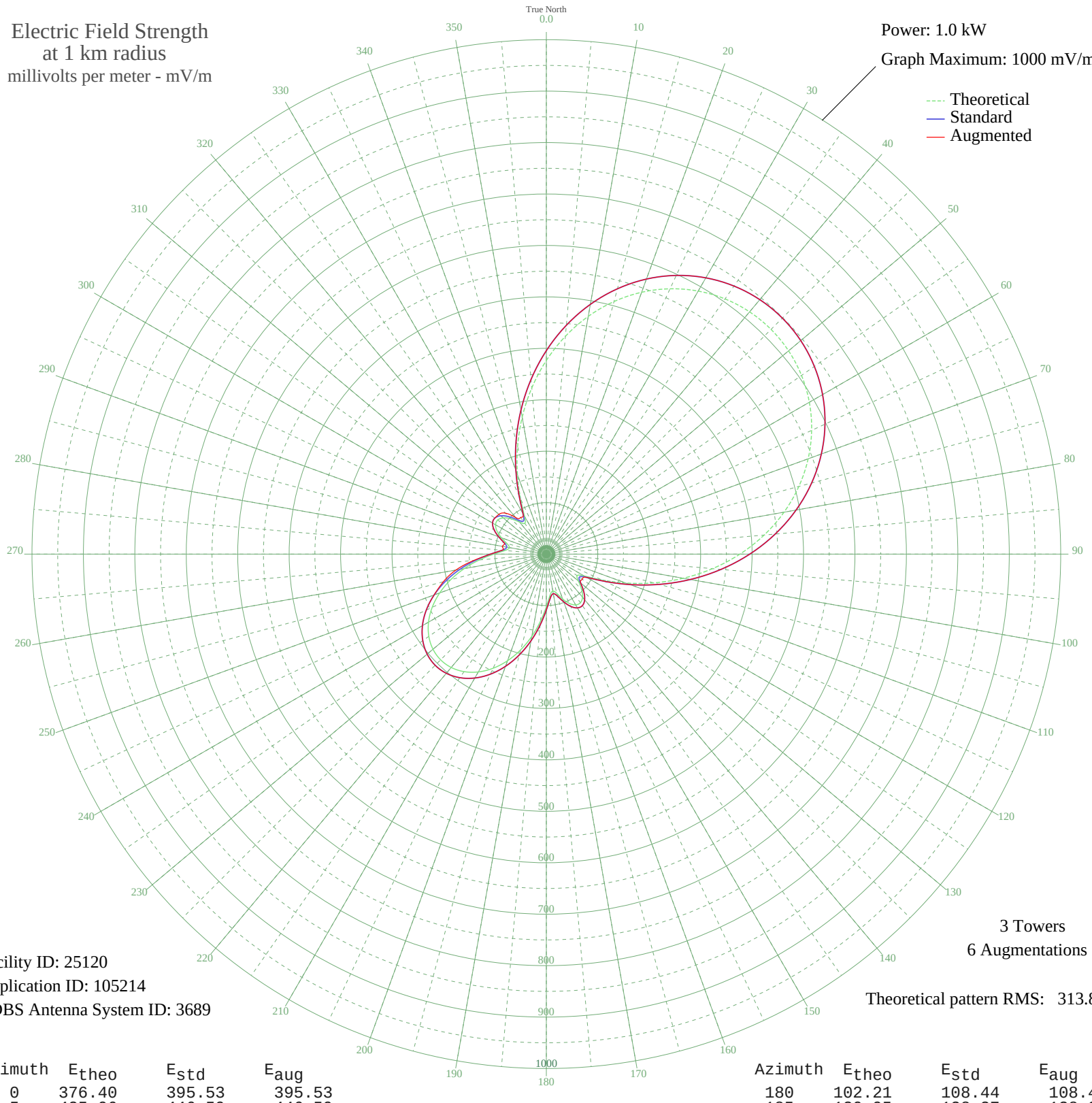
KSDN ABERDEEN, SD BL-19870915AA 930 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
6 Augmentations

Facility ID: 25120
Application ID: 105214
CDBS Antenna System ID: 3689

Theoretical pattern RMS: 313.82

Azimuth	E_{theo}	E_{std}	E_{aug}
0	376.40	395.53	395.53
5	425.06	446.59	446.59
10	469.28	492.99	492.99
15	508.31	533.95	533.95
20	541.67	568.97	568.97
25	569.09	597.75	597.75
30	590.43	620.14	620.14
35	605.65	636.12	636.12
40	614.77	645.70	645.70
45	617.81	648.89	648.89
50	614.77	645.70	645.70
55	605.65	636.12	636.12
60	590.43	620.14	620.14
65	569.09	597.75	597.75
70	541.67	568.97	568.97
75	508.31	533.95	533.95
80	469.28	492.99	492.99
85	425.06	446.59	446.59
90	376.40	395.53	395.53
95	324.34	340.91	340.91
100	270.29	284.23	284.23
105	216.09	227.43	227.43
110	164.23	173.14	173.14
115	118.38	125.27	125.27
120	84.93	90.52	90.52
125	72.87	78.07	85.38
130	81.39	86.86	86.86
135	96.78	102.80	102.80
140	109.39	115.90	115.90
145	115.44	122.21	122.21
150	114.03	120.73	120.73
155	105.78	112.15	112.15
160	92.81	98.68	98.68
165	79.36	84.76	84.76
170	72.87	78.07	78.07
175	80.77	86.21	86.21

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	102.21	108.44	108.44
185	130.95	138.37	138.37
190	162.06	170.87	170.87
195	192.56	202.78	202.78
200	220.58	232.13	232.13
205	244.84	257.55	257.55
210	264.48	278.14	278.14
215	278.89	293.24	293.24
220	287.68	302.46	302.46
225	290.63	305.56	305.78
230	287.68	302.46	302.46
235	278.89	293.24	293.24
240	264.48	278.14	278.14
245	244.84	257.55	257.55
250	220.58	232.13	232.27
255	192.56	202.78	207.24
260	162.06	170.87	178.65
265	130.95	138.37	141.81
270	102.21	108.44	108.44
275	80.77	86.21	86.21
280	72.87	78.07	86.90
285	79.36	84.76	84.76
290	92.81	98.68	98.68
295	105.78	112.15	112.15
300	114.03	120.73	120.73
305	115.44	122.21	122.21
310	109.39	115.90	120.39
315	96.78	102.80	112.65
320	81.39	86.85	92.76
325	72.87	78.07	86.90
330	84.93	90.52	90.52
335	118.38	125.27	125.27
340	164.23	173.14	173.14
345	216.09	227.43	227.43
350	270.29	284.23	284.23
355	324.34	340.91	340.91