

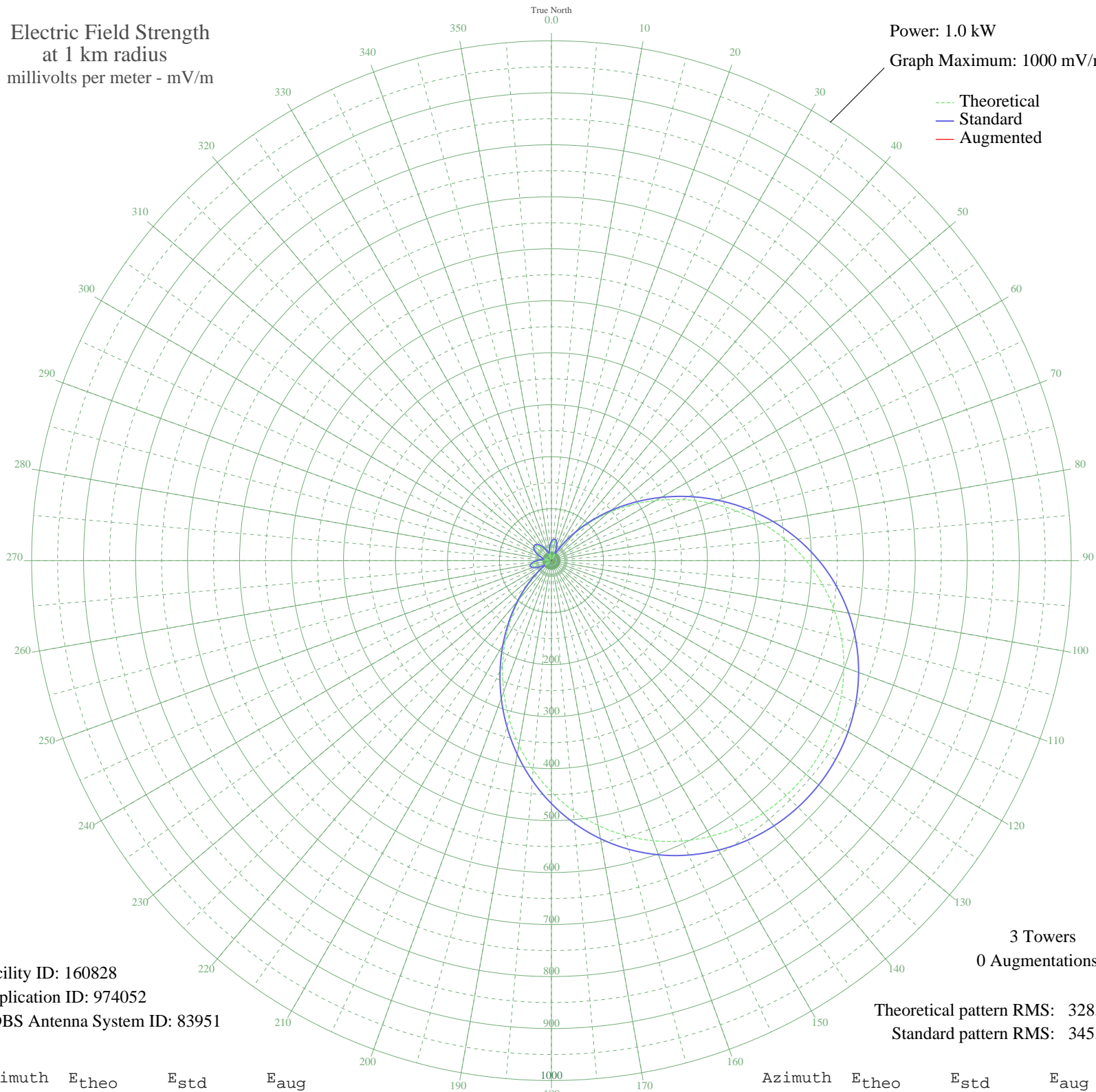
NEW DAGSBORO, DE BNP-20040130APH 1380 kHz

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



Facility ID: 160828
Application ID: 974052
CDBS Antenna System ID: 83951

Theoretical pattern RMS: 328.50
Standard pattern RMS: 345.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	32.48	36.95	
5	36.72	41.10	
10	37.29	41.65	
15	33.42	37.87	
20	24.56	29.45	
25	10.53	18.02	
30	10.93	18.27	
35	36.21	40.59	
40	67.21	71.99	
45	103.08	109.16	
50	143.02	150.85	
55	186.12	195.94	
60	231.34	243.32	
65	277.60	291.83	
70	323.83	340.32	
75	369.02	387.73	
80	412.26	433.10	
85	452.79	475.64	
90	490.00	514.69	
95	523.44	549.79	
100	552.81	580.62	
105	577.92	606.98	
110	598.71	628.81	
115	615.18	646.09	
120	627.35	658.87	
125	635.28	667.20	
130	639.03	671.13	
135	638.62	670.70	
140	634.03	665.89	
145	625.25	656.67	
150	612.23	643.00	
155	594.90	624.81	
160	573.24	602.07	
165	547.27	574.81	
170	517.07	543.11	
175	482.84	507.19	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	444.93	467.39	
185	403.80	424.23	
190	360.11	378.38	
195	314.64	330.67	
200	268.32	282.09	
205	222.18	233.72	
210	177.30	186.70	
215	134.75	142.20	
220	95.55	101.33	
225	60.60	65.20	
230	30.66	35.19	
235	6.90	15.96	
240	13.70	20.23	
245	26.75	31.48	
250	34.58	39.00	
255	37.51	41.87	
260	36.14	40.53	
265	31.26	35.77	
270	23.73	28.69	
275	14.51	20.84	
280	5.24	15.25	
285	7.77	16.40	
290	17.09	22.89	
295	25.56	30.37	
300	32.34	36.82	
305	37.00	41.37	
310	39.27	43.62	
315	39.02	43.37	
320	36.26	40.64	
325	31.14	35.66	
330	23.98	28.92	
335	15.25	21.41	
340	6.04	15.57	
345	6.88	15.95	
350	16.44	22.36	
355	25.40	30.23	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission