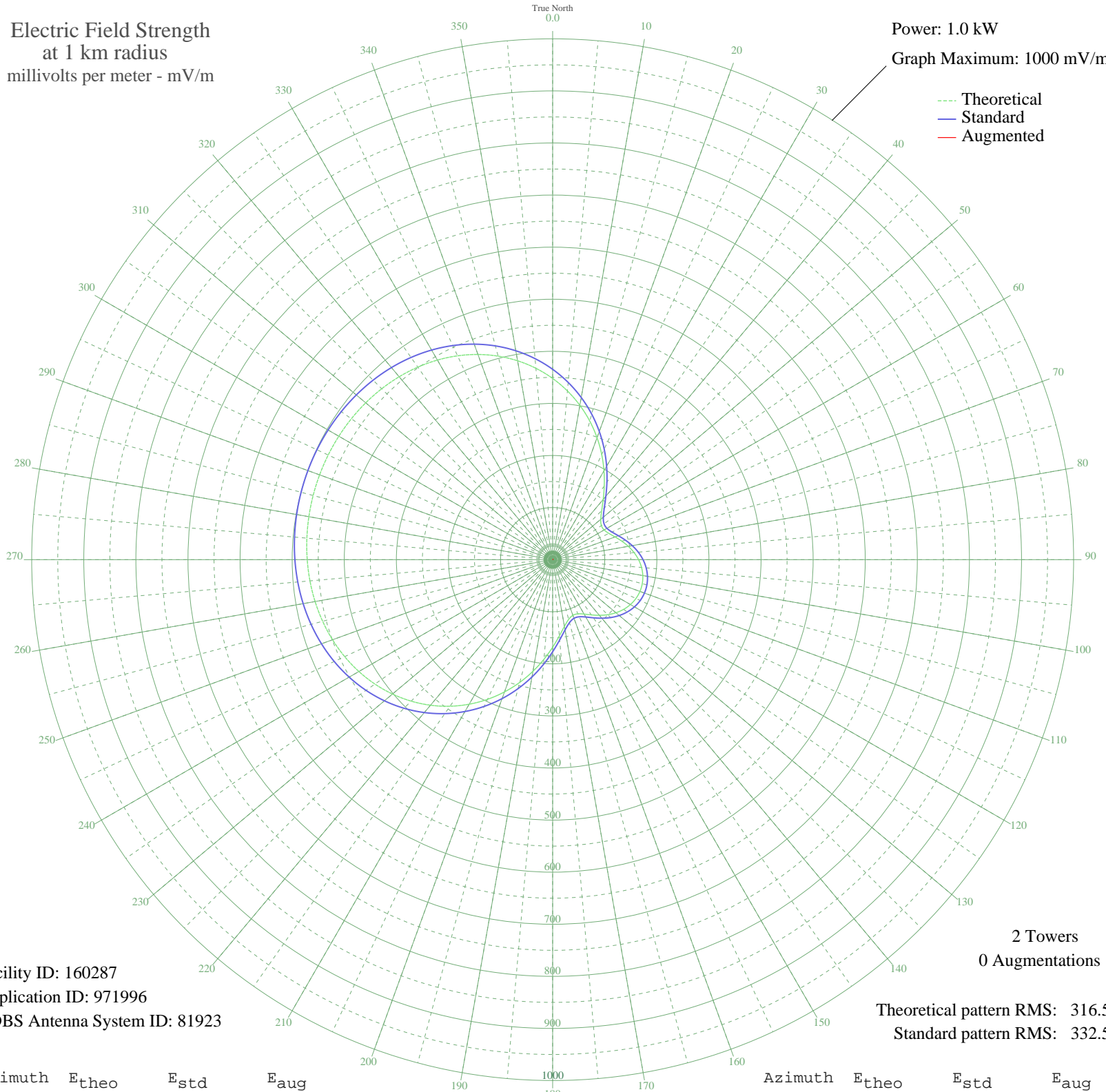


NEW TILLAMOOK, OR BNP-20040127AKN 1100 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 160287
Application ID: 971996
CDBS Antenna System ID: 81923

Theoretical pattern RMS: 316.50
Standard pattern RMS: 332.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	347.93	365.48	
5	325.19	341.61	
10	300.89	316.11	
15	275.39	289.35	
20	249.16	261.83	
25	222.79	234.17	
30	196.99	207.11	
35	172.66	181.60	
40	150.91	158.80	
45	133.05	140.09	
50	120.46	126.92	
55	114.16	120.32	
60	114.12	120.29	
65	119.17	125.57	
70	127.50	134.28	
75	137.36	144.61	
80	147.45	155.17	
85	156.83	165.00	
90	164.90	173.46	
95	171.28	180.15	
100	175.72	184.80	
105	178.08	187.28	
110	178.30	187.50	
115	176.36	185.47	
120	172.33	181.25	
125	166.32	174.95	
130	158.56	166.82	
135	149.40	157.22	
140	139.40	146.74	
145	129.39	136.27	
150	120.63	127.10	
155	114.78	120.97	
160	113.67	119.82	
165	118.68	125.06	
170	130.07	136.97	
175	146.98	154.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	168.07	176.78	
185	191.98	201.85	
190	217.56	228.68	
195	243.88	256.29	
200	270.19	283.89	
205	295.87	310.84	
210	320.45	336.63	
215	343.52	360.85	
220	364.82	383.20	
225	384.13	403.47	
230	401.35	421.55	
235	416.46	437.40	
240	429.47	451.06	
245	440.48	462.63	
250	449.64	472.24	
255	457.10	480.07	
260	463.04	486.31	
265	467.66	491.15	
270	471.12	494.78	
275	473.58	497.37	
280	475.17	499.04	
285	475.98	499.89	
290	476.05	499.96	
295	475.39	499.27	
300	473.96	497.77	
305	471.69	495.38	
310	468.44	491.97	
315	464.07	487.38	
320	458.40	481.44	
325	451.26	473.94	
330	442.46	464.70	
335	431.83	453.54	
340	419.22	440.31	
345	404.54	424.90	
350	387.74	407.27	
355	368.84	387.43	

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 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission