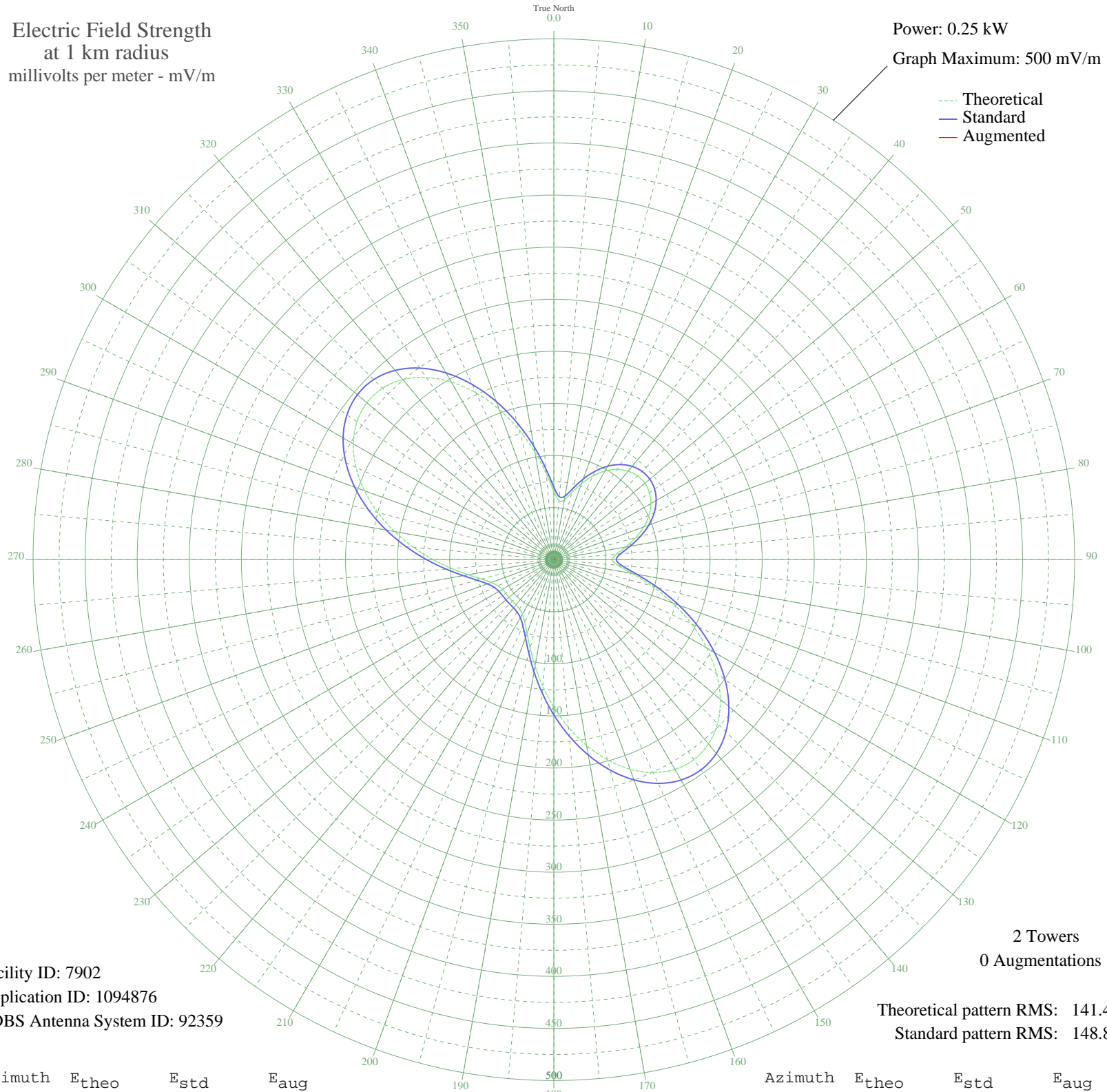


WGYV AURORA, IN BMJP-20051031AGM 1030 kHz

Daytime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 7902
Application ID: 1094876
CDBS Antenna System ID: 92359

2 Towers
0 Augmentations

Theoretical pattern RMS: 141.40
Standard pattern RMS: 148.84

Azimuth	E _{theo}	E _{std}	E _{aug}
0	65.53	69.60	
5	56.84	60.60	
10	58.21	62.02	
15	66.62	70.73	
20	77.68	82.24	
25	88.63	93.66	
30	98.16	103.60	
35	105.65	111.43	
40	110.86	116.88	
45	113.68	119.82	
50	114.06	120.23	
55	112.02	118.09	
60	107.57	113.44	
65	100.79	106.35	
70	91.88	97.04	
75	81.28	85.99	
80	70.04	74.29	
85	60.37	64.25	
90	56.24	59.98	
95	61.67	65.60	
100	76.49	80.99	
105	97.35	102.76	
110	121.16	127.65	
115	145.71	153.36	
120	169.35	178.13	
125	190.72	200.53	
130	208.68	219.36	
135	222.31	233.66	
140	230.98	242.76	
145	234.36	246.30	
150	232.42	244.27	
155	225.45	236.96	
160	214.02	224.97	
165	198.92	209.13	
170	181.10	190.45	
175	161.61	170.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	141.52	148.96	
185	121.88	128.41	
190	103.71	109.40	
195	87.90	92.89	
200	75.22	79.68	
205	66.10	70.20	
210	60.46	64.35	
215	57.62	61.40	
220	56.54	60.29	
225	56.29	60.02	
230	56.27	60.01	
235	56.41	60.15	
240	57.13	60.90	
245	59.29	63.14	
250	63.94	67.95	
255	71.91	76.23	
260	83.48	88.28	
265	98.35	103.80	
270	115.86	122.11	
275	135.13	142.28	
280	155.19	163.29	
285	175.00	184.05	
290	193.47	203.41	
295	209.55	220.28	
300	222.25	233.60	
305	230.72	242.48	
310	234.31	246.25	
315	232.65	244.50	
320	225.64	237.16	
325	213.54	224.47	
330	196.89	207.00	
335	176.50	185.62	
340	153.45	161.46	
345	129.02	135.88	
350	104.77	110.51	
355	82.67	87.44	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission