

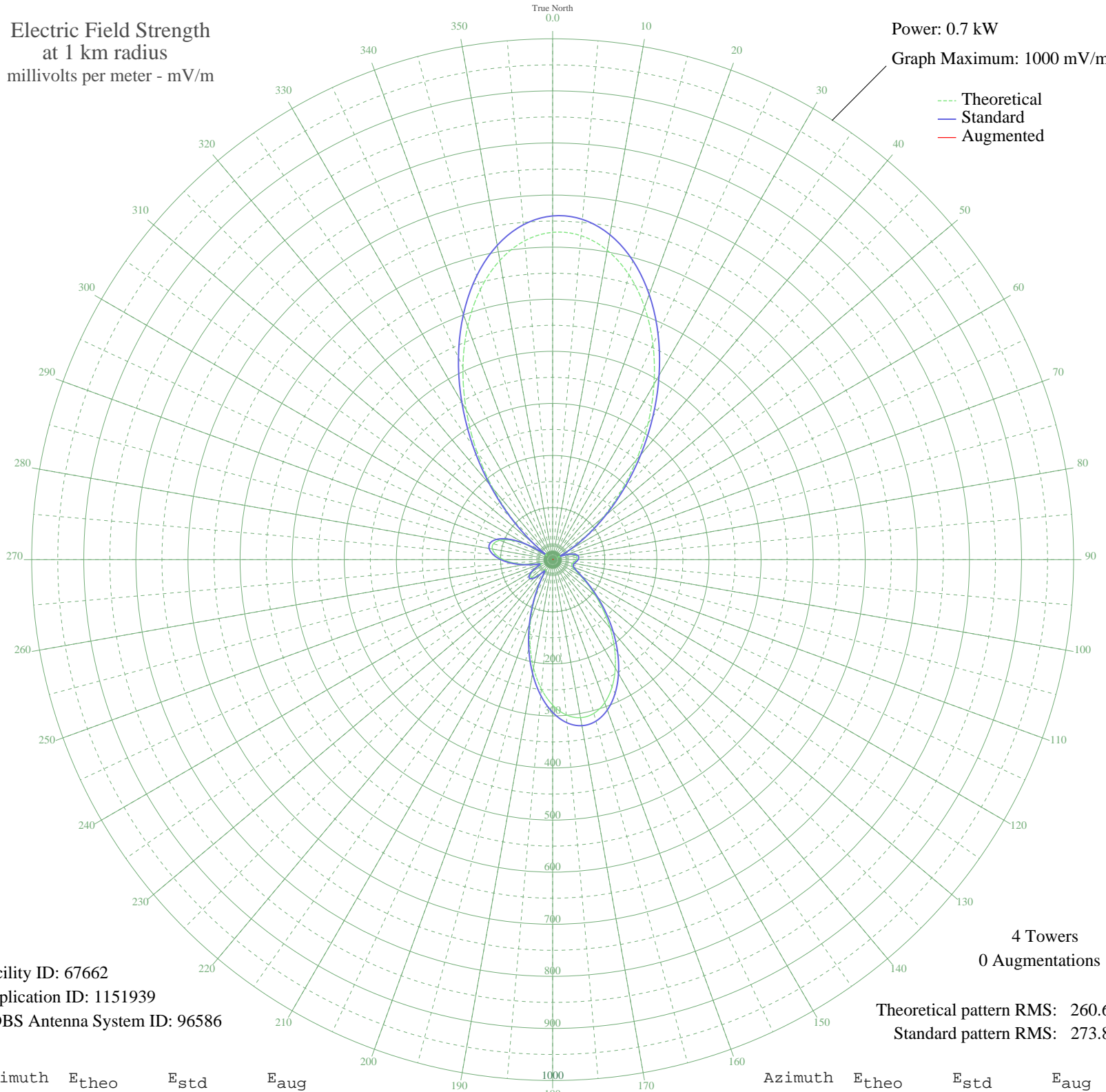
WAVL APOLLO, PA BMJP-20051031AAB 1360 kHz

Nighttime

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

Power: 0.7 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 67662
Application ID: 1151939
CDBS Antenna System ID: 96586

4 Towers
0 Augmentations
Theoretical pattern RMS: 260.60
Standard pattern RMS: 273.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	628.46	659.96	
5	624.46	655.77	
10	603.16	633.41	
15	566.15	594.55	
20	515.93	541.83	
25	455.66	478.56	
30	388.91	408.49	
35	319.36	335.49	
40	250.51	263.24	
45	185.46	195.01	
50	126.73	133.48	
55	76.23	80.73	
60	35.49	38.72	
65	11.13	15.71	
70	24.19	27.48	
75	37.85	41.11	
80	45.16	48.57	
85	47.16	50.62	
90	45.54	48.95	
95	42.14	45.48	
100	38.88	42.15	
105	37.62	40.87	
110	40.10	43.39	
115	47.72	51.20	
120	61.37	65.29	
125	81.28	85.99	
130	107.10	112.94	
135	137.82	145.09	
140	171.82	180.71	
145	206.90	217.50	
150	240.48	252.72	
155	269.81	283.49	
160	292.24	307.03	
165	305.53	320.97	
170	308.08	323.65	
175	299.18	314.32	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	279.09	293.23	
185	249.03	261.69	
190	211.11	221.92	
195	168.11	176.83	
200	123.24	129.83	
205	80.00	84.65	
210	42.71	46.06	
215	22.60	25.95	
220	32.74	35.95	
225	46.46	49.90	
230	53.11	56.74	
235	51.74	55.33	
240	43.36	46.73	
245	30.67	33.88	
250	21.98	25.36	
255	31.84	35.04	
260	52.43	56.04	
265	74.37	78.79	
270	94.02	99.28	
275	109.05	114.98	
280	117.50	123.82	
285	117.70	124.03	
290	108.24	114.13	
295	88.11	93.11	
300	56.93	60.69	
305	18.04	21.66	
310	44.23	47.62	
315	106.85	112.68	
320	177.96	187.15	
325	254.11	267.03	
330	331.86	348.62	
335	407.45	427.95	
340	477.00	500.96	
345	536.78	563.72	
350	583.51	612.78	
355	614.62	645.43	

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.

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Prepared by Audio Division, Media Bureau
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