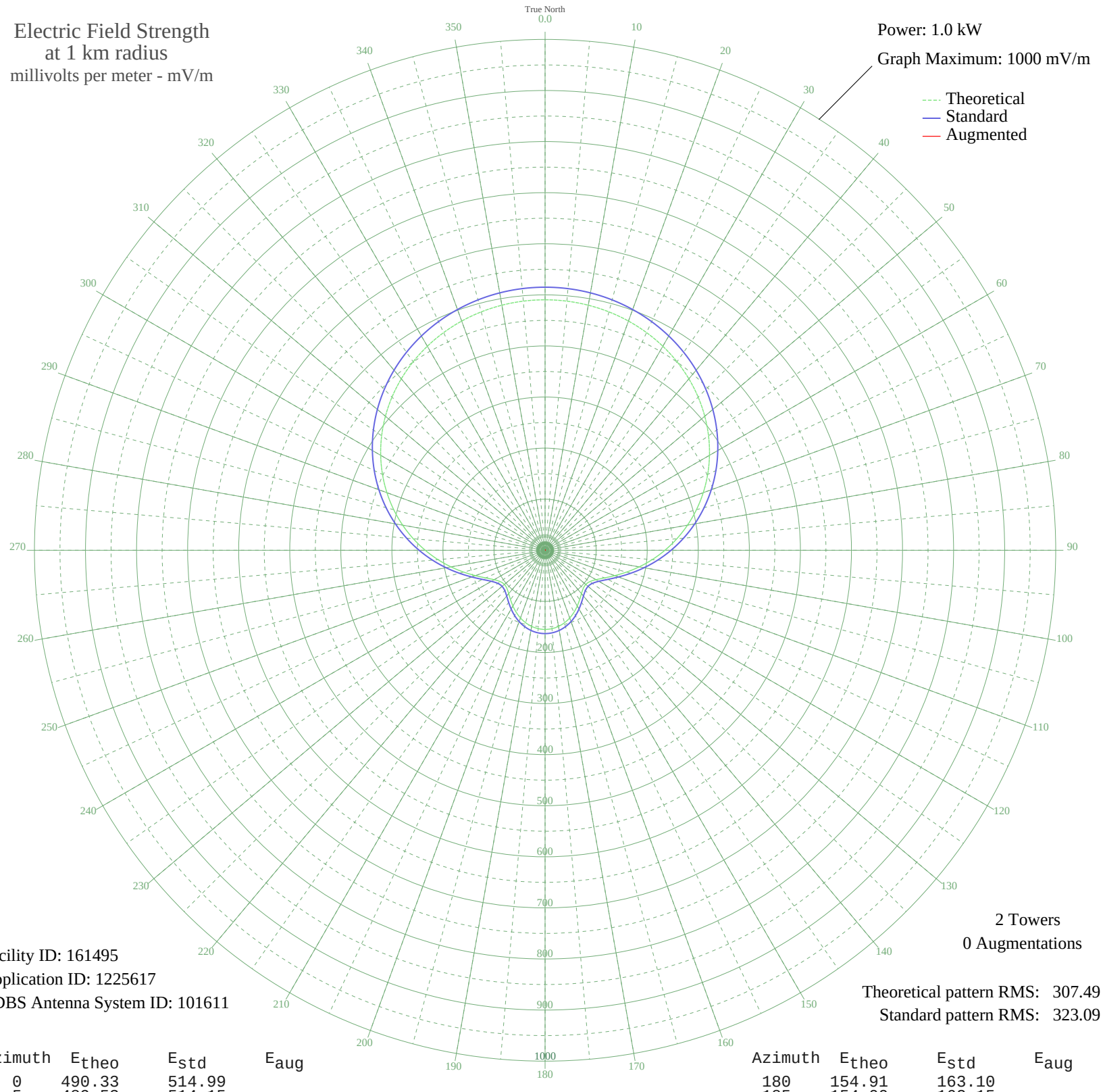
NEW MELBA, ID BNP-20071221ADP 1100 kHz

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

2 Towers
0 Augmentations

Facility ID: 161495
Application ID: 1225617
CDBS Antenna System ID: 101611

Theoretical pattern RMS: 307.49
Standard pattern RMS: 323.09

Azimuth	E_{theo}	E_{std}	E_{aug}
0	490.33	514.99	
5	489.53	514.15	
10	487.14	511.63	
15	483.12	507.42	
20	477.48	501.50	
25	470.18	493.83	
30	461.19	484.40	
35	450.50	473.18	
40	438.10	460.16	
45	423.99	445.35	
50	408.19	428.77	
55	390.75	410.47	
60	371.76	390.54	
65	351.34	369.10	
70	329.63	346.32	
75	306.83	322.40	
80	283.20	297.60	
85	259.02	272.23	
90	234.65	246.67	
95	210.51	221.36	
100	187.10	196.82	
105	165.04	173.71	
110	145.08	152.80	
115	128.11	135.05	
120	115.13	121.48	
125	106.98	112.97	
130	104.00	109.86	
135	105.67	111.60	
140	110.79	116.95	
145	117.97	124.45	
150	125.97	132.82	
155	133.86	141.07	
160	140.99	148.52	
165	146.89	154.71	
170	151.29	159.31	
175	154.00	162.15	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	154.91	163.10	
185	154.00	162.15	
190	151.29	159.31	
195	146.89	154.71	
200	140.99	148.52	
205	133.86	141.07	
210	125.97	132.82	
215	117.97	124.45	
220	110.79	116.95	
225	105.67	111.60	
230	104.00	109.86	
235	106.98	112.97	
240	115.13	121.48	
245	128.11	135.05	
250	145.08	152.80	
255	165.04	173.71	
260	187.10	196.82	
265	210.51	221.36	
270	234.65	246.67	
275	259.02	272.23	
280	283.20	297.60	
285	306.83	322.40	
290	329.63	346.32	
295	351.34	369.10	
300	371.77	390.54	
305	390.75	410.47	
310	408.19	428.77	
315	423.99	445.35	
320	438.10	460.16	
325	450.50	473.18	
330	461.19	484.40	
335	470.18	493.83	
340	477.48	501.50	
345	483.12	507.42	
350	487.14	511.63	
355	489.53	514.15	

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 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission