

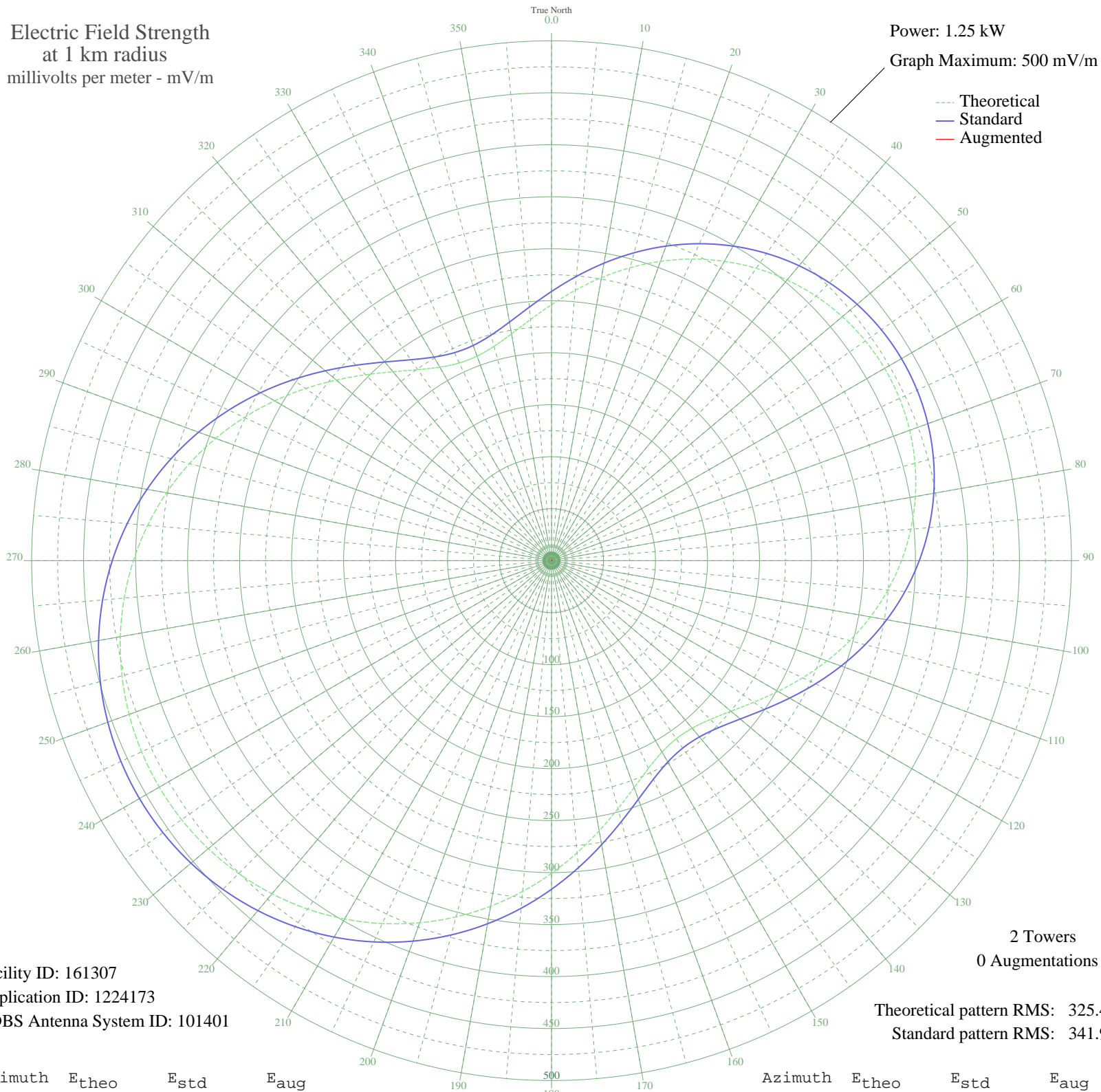
NEW MESILLA, NM BNP-20071214AAL 670 kHz

Daytime

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

Power: 1.25 kW

Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 161307
Application ID: 1224173
CDBS Antenna System ID: 101401

2 Towers
0 Augmentations

Theoretical pattern RMS: 325.40
Standard pattern RMS: 341.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	246.21	258.90	
5	261.02	274.42	
10	276.39	290.54	
15	291.67	306.57	
20	306.36	321.98	
25	320.06	336.35	
30	332.44	349.34	
35	343.29	360.73	
40	352.43	370.31	
45	359.74	377.98	
50	365.11	383.62	
55	368.51	387.19	
60	369.89	388.63	
65	369.24	387.95	
70	366.57	385.15	
75	361.90	380.25	
80	355.28	373.30	
85	346.79	364.39	
90	336.54	353.64	
95	324.68	341.20	
100	311.42	327.29	
105	297.05	312.22	
110	281.93	296.35	
115	266.52	280.19	
120	251.43	264.37	
125	237.38	249.64	
130	225.24	236.91	
135	215.93	227.16	
140	210.34	221.30	
145	209.13	220.03	
150	212.57	223.63	
155	220.46	231.90	
160	232.20	244.20	
165	246.95	259.67	
170	263.83	277.37	
175	281.99	296.41	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	300.70	316.04	
185	319.36	335.61	
190	337.47	354.62	
195	354.65	372.64	
200	370.60	389.37	
205	385.08	404.57	
210	397.92	418.05	
215	409.00	429.68	
220	418.22	439.36	
225	425.53	447.02	
230	430.88	452.63	
235	434.24	456.16	
240	435.60	457.59	
245	434.96	456.92	
250	432.32	454.14	
255	427.68	449.28	
260	421.08	442.35	
265	412.54	433.39	
270	402.12	422.45	
275	389.90	409.63	
280	375.99	395.03	
285	360.55	378.83	
290	343.78	361.24	
295	325.96	342.54	
300	307.45	323.12	
305	288.69	303.45	
310	270.26	284.11	
315	252.83	265.83	
320	237.21	249.46	
325	224.28	235.91	
330	214.92	226.10	
335	209.84	220.77	
340	209.38	220.29	
345	213.45	224.55	
350	221.52	233.01	
355	232.75	244.78	

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