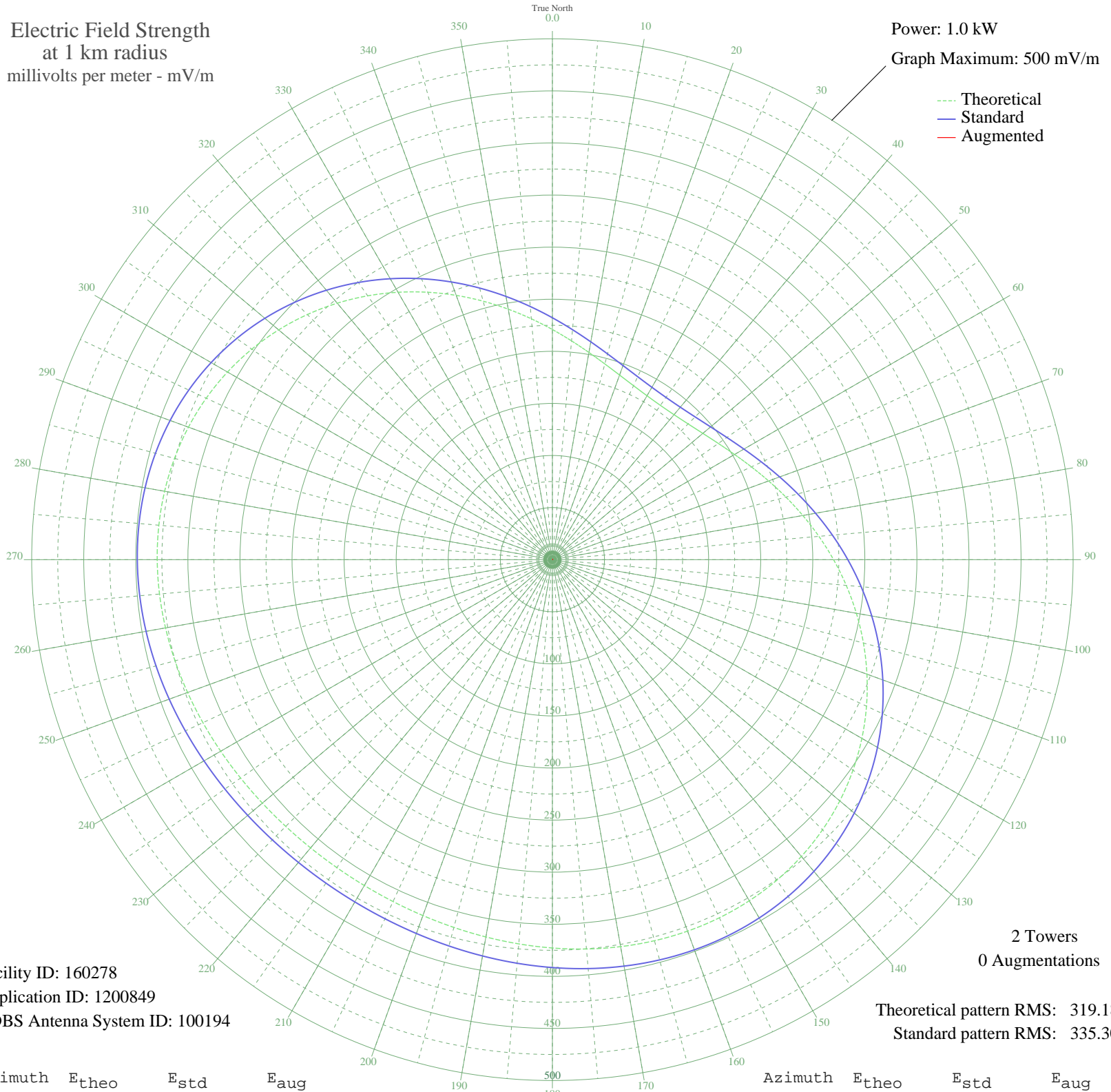


NEW SANTA CLARA, UT BNP-20041029AGF 1490 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 160278
Application ID: 1200849
CDBS Antenna System ID: 100194

2 Towers
0 Augmentations

Theoretical pattern RMS: 319.18
Standard pattern RMS: 335.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	220.93	232.22	
5	210.82	221.61	
10	201.97	212.32	
15	194.51	204.51	
20	188.59	198.30	
25	184.29	193.79	
30	181.69	191.06	
35	180.82	190.15	
40	181.69	191.06	
45	184.29	193.79	
50	188.59	198.30	
55	194.51	204.51	
60	201.97	212.32	
65	210.82	221.61	
70	220.93	232.22	
75	232.12	243.95	
80	244.17	256.60	
85	256.87	269.92	
90	269.98	283.67	
95	283.24	297.59	
100	296.40	311.39	
105	309.19	324.82	
110	321.39	337.63	
115	332.78	349.57	
120	343.14	360.45	
125	352.34	370.10	
130	360.24	378.39	
135	366.77	385.25	
140	371.91	390.64	
145	375.66	394.59	
150	378.10	397.15	
155	379.33	398.43	
160	379.47	398.59	
165	378.70	397.78	
170	377.20	396.20	
175	375.16	394.05	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	372.78	391.56	
185	370.25	388.91	
190	367.77	386.30	
195	365.49	383.91	
200	363.57	381.89	
205	362.10	380.35	
210	361.19	379.40	
215	360.88	379.07	
220	361.19	379.40	
225	362.10	380.35	
230	363.57	381.89	
235	365.49	383.91	
240	367.77	386.30	
245	370.25	388.91	
250	372.78	391.56	
255	375.16	394.05	
260	377.20	396.20	
265	378.70	397.78	
270	379.47	398.59	
275	379.33	398.43	
280	378.10	397.15	
285	375.66	394.59	
290	371.91	390.64	
295	366.77	385.25	
300	360.24	378.39	
305	352.34	370.10	
310	343.14	360.45	
315	332.78	349.57	
320	321.39	337.63	
325	309.19	324.82	
330	296.40	311.39	
335	283.24	297.59	
340	269.98	283.67	
345	256.87	269.92	
350	244.17	256.60	
355	232.12	243.95	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission