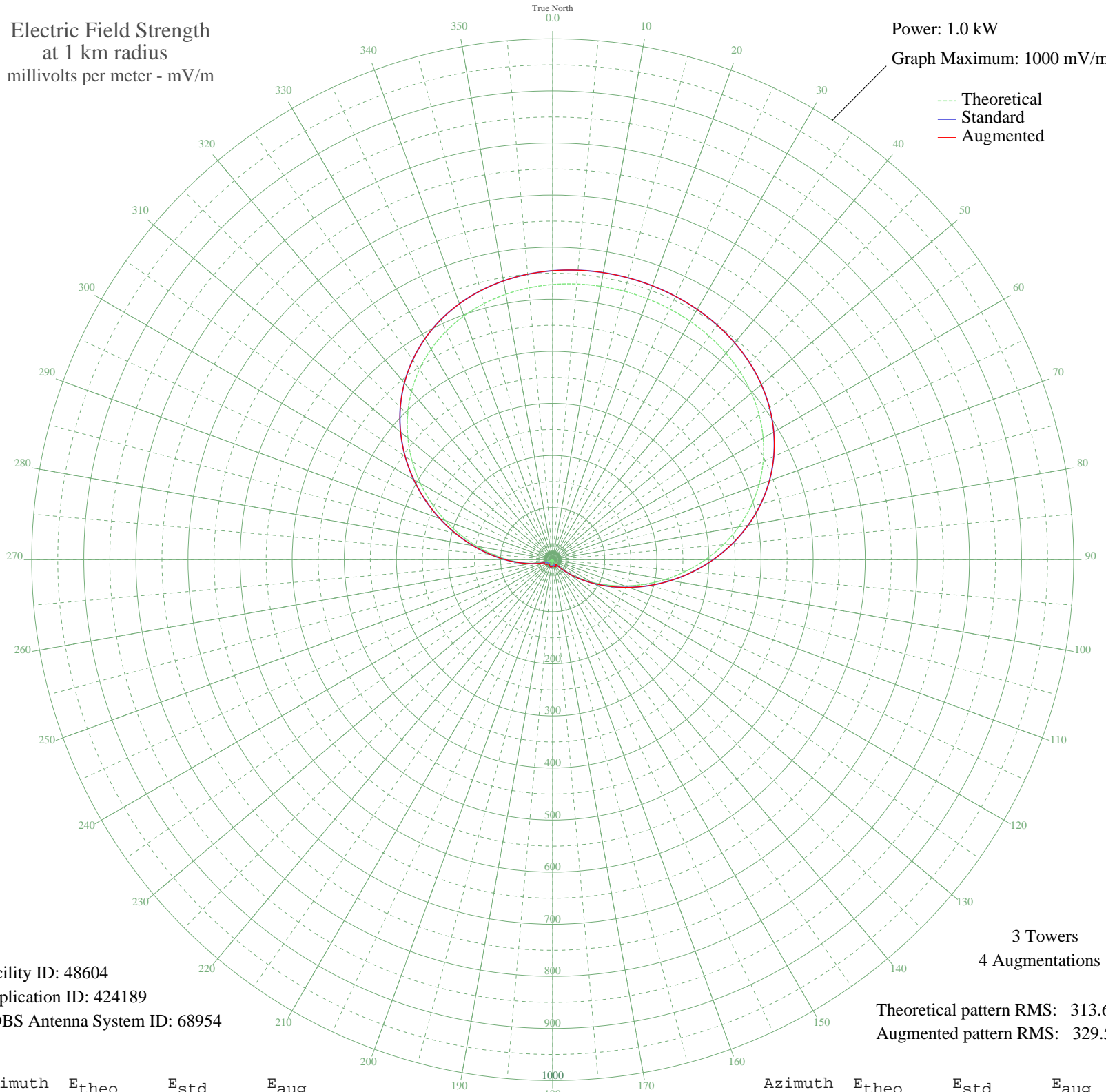


KTBL LOS RANCHOS, NM BL-19990910AAS 1050 kHz

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

Facility ID: 48604
Application ID: 424189
CDBS Antenna System ID: 68954

3 Towers
4 Augmentations

Theoretical pattern RMS: 313.66
Augmented pattern RMS: 329.53

Azimuth	Etheo	Estd	Eaug
0	528.26	554.77	554.77
5	531.20	557.86	557.86
10	532.87	559.61	559.61
15	533.40	560.17	560.17
20	532.87	559.61	559.61
25	531.20	557.86	557.86
30	528.26	554.77	554.77
35	523.80	550.09	550.09
40	517.51	543.48	543.48
45	509.01	534.57	534.57
50	497.94	522.94	522.94
55	483.91	508.21	508.21
60	466.62	490.06	490.06
65	445.85	468.26	468.26
70	421.52	442.72	442.72
75	393.72	413.54	413.54
80	362.74	381.02	381.02
85	329.04	345.65	345.65
90	293.30	308.14	308.14
95	256.33	269.36	269.36
100	219.08	230.27	230.27
105	182.52	191.93	191.93
110	147.63	155.36	155.36
115	115.29	121.51	121.51
120	86.27	91.19	91.19
125	61.11	65.02	65.02
130	40.15	43.45	43.45
135	23.52	26.84	26.84
140	11.10	15.69	15.69
145	2.58	10.84	11.11
150	2.49	10.82	12.70
155	4.68	11.59	14.73
160	4.62	11.57	14.94
165	2.98	10.96	13.71
170	0.37	10.51	12.25
175	2.61	10.85	12.02

Azimuth	Etheo	Estd	Eaug
180	5.47	11.97	12.38
185	7.81	13.32	13.33
190	9.34	14.36	14.36
195	9.86	14.75	14.75
200	9.34	14.36	14.36
205	7.81	13.32	13.32
210	5.47	11.97	11.97
215	2.61	10.85	10.85
220	0.37	10.51	10.51
225	2.98	10.96	11.53
230	4.62	11.57	14.47
235	4.68	11.59	15.17
240	2.49	10.82	17.31
245	2.58	10.84	17.63
250	11.10	15.69	17.03
255	23.52	26.84	26.84
260	40.15	43.45	43.45
265	61.11	65.02	65.02
270	86.27	91.19	91.19
275	115.29	121.51	121.51
280	147.63	155.36	155.36
285	182.52	191.93	191.93
290	219.08	230.27	230.27
295	256.33	269.36	269.36
300	293.30	308.14	308.14
305	329.04	345.65	345.65
310	362.74	381.02	381.02
315	393.72	413.54	413.54
320	421.52	442.72	442.72
325	445.85	468.26	468.26
330	466.62	490.06	490.06
335	483.91	508.21	508.21
340	497.94	522.94	522.94
345	509.01	534.57	534.57
350	517.51	543.48	543.48
355	523.80	550.09	550.09

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission