

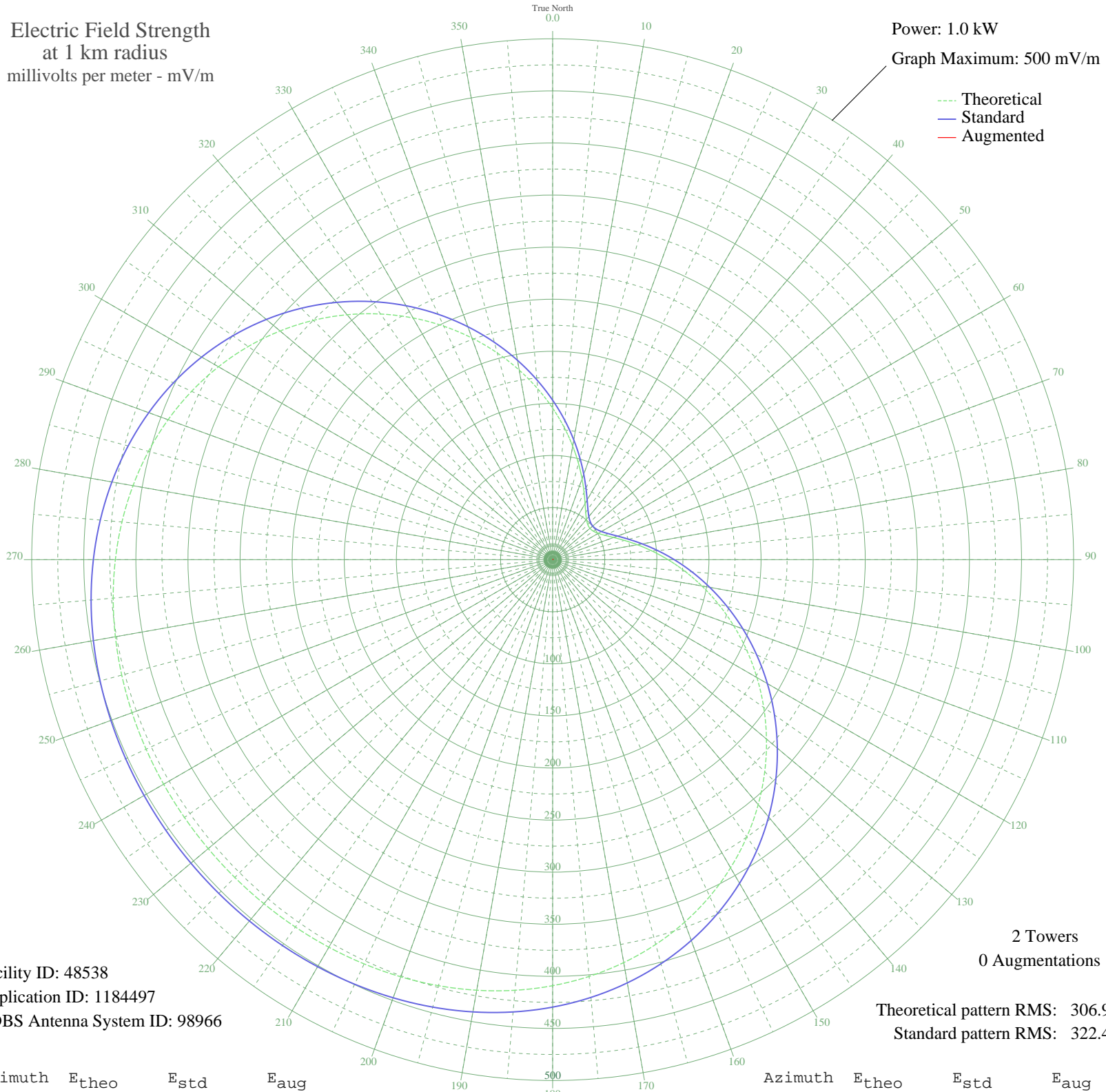
KAHS EL DORADO, KS BL-20070502AHE 1360 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 48538
Application ID: 1184497
CDBS Antenna System ID: 98966

2 Towers
0 Augmentations
Theoretical pattern RMS: 306.93
Standard pattern RMS: 322.45

Azimuth	E _{theo}	E _{std}	E _{aug}
0	145.45	153.08	
5	127.38	134.16	
10	110.71	116.72	
15	95.69	101.02	
20	82.50	87.26	
25	71.32	75.62	
30	62.25	66.20	
35	55.32	59.02	
40	50.49	54.04	
45	47.66	51.13	
50	46.73	50.18	
55	47.66	51.13	
60	50.49	54.04	
65	55.32	59.02	
70	62.25	66.20	
75	71.32	75.62	
80	82.50	87.26	
85	95.69	101.02	
90	110.71	116.72	
95	127.38	134.16	
100	145.45	153.08	
105	164.68	173.23	
110	184.78	194.30	
115	205.46	215.98	
120	226.41	237.96	
125	247.32	259.90	
130	267.90	281.49	
135	287.86	302.43	
140	306.93	322.45	
145	324.88	341.29	
150	341.53	358.76	
155	356.71	374.70	
160	370.34	389.00	
165	382.36	401.62	
170	392.77	412.54	
175	401.61	421.82	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	408.97	429.55	
185	414.95	435.83	
190	419.71	440.82	
195	423.39	444.68	
200	426.15	447.58	
205	428.16	449.70	
210	429.58	451.18	
215	430.53	452.17	
220	431.12	452.80	
225	431.44	453.13	
230	431.54	453.24	
235	431.44	453.13	
240	431.12	452.80	
245	430.53	452.17	
250	429.58	451.18	
255	428.16	449.70	
260	426.15	447.58	
265	423.39	444.68	
270	419.71	440.82	
275	414.95	435.83	
280	408.97	429.55	
285	401.61	421.82	
290	392.77	412.54	
295	382.36	401.62	
300	370.34	389.00	
305	356.71	374.69	
310	341.53	358.76	
315	324.88	341.29	
320	306.93	322.45	
325	287.86	302.43	
330	267.90	281.49	
335	247.32	259.90	
340	226.41	237.96	
345	205.46	215.98	
350	184.78	194.30	
355	164.68	173.23	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission