

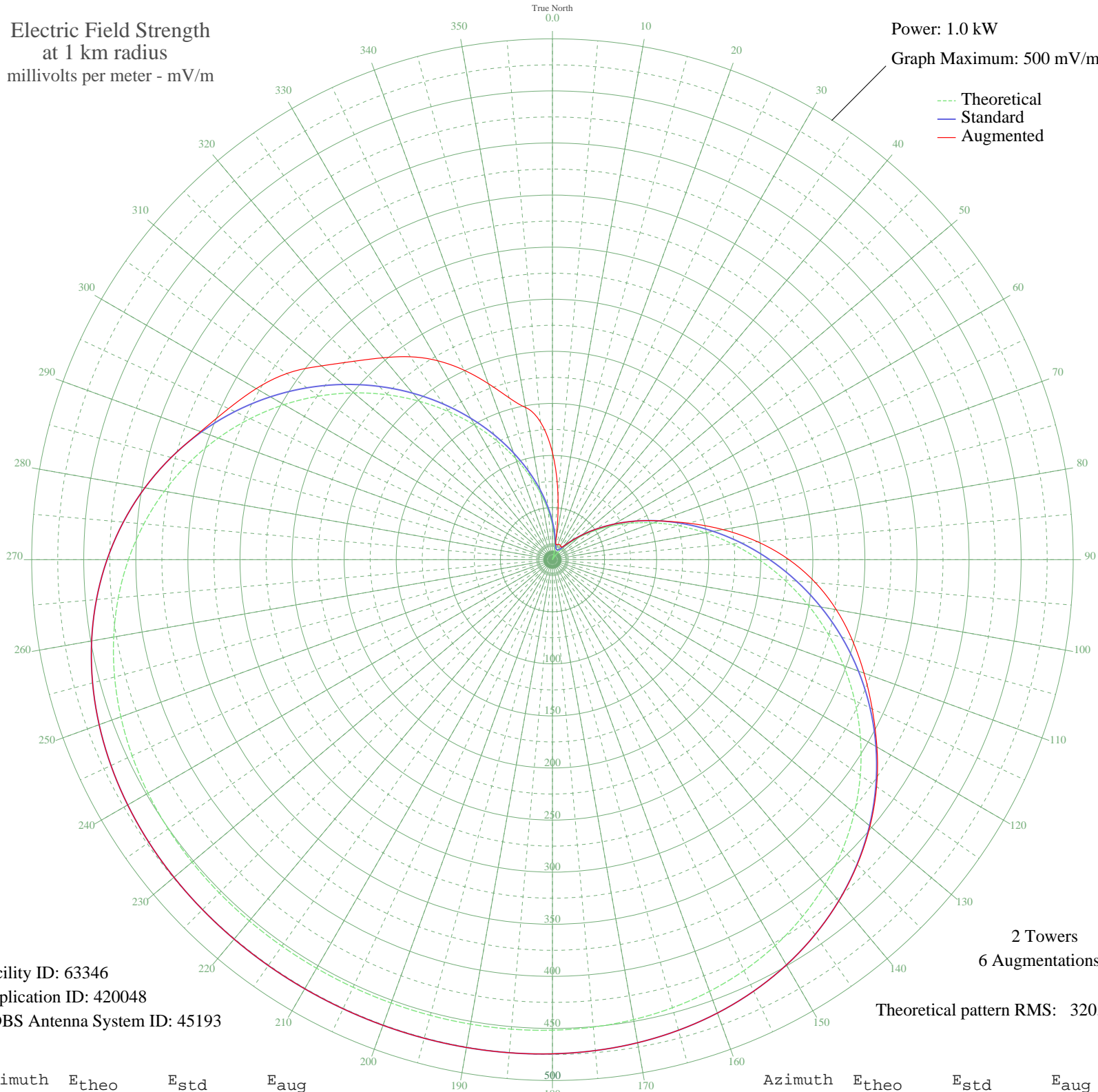
# KDAE SINTON, TX BL-13803 1590 kHz

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: 63346  
Application ID: 420048  
CDBS Antenna System ID: 45193

2 Towers  
6 Augmentations

Theoretical pattern RMS: 320.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	33.30	36.51	102.82
5	21.44	24.84	61.46
10	12.12	16.50	19.11
15	5.40	11.94	14.72
20	1.35	10.60	15.46
25	0.00	10.50	16.09
30	1.35	10.60	15.46
35	5.40	11.94	14.72
40	12.12	16.50	17.14
45	21.44	24.84	24.84
50	33.30	36.51	36.51
55	47.57	51.04	51.04
60	64.11	68.13	68.13
65	82.75	87.52	87.52
70	103.27	108.94	108.94
75	125.41	132.10	135.28
80	148.87	156.66	166.20
85	173.32	182.29	197.65
90	198.42	208.60	227.11
95	223.78	235.20	253.44
100	249.01	261.67	276.79
105	273.74	287.62	298.05
110	297.60	312.66	318.36
115	320.26	336.44	338.76
120	341.42	358.64	359.74
125	360.83	379.02	379.96
130	378.32	397.37	398.02
135	393.77	413.59	413.92
140	407.14	427.63	427.71
145	418.44	439.49	439.49
150	427.75	449.26	449.26
155	435.21	457.09	457.09
160	440.99	463.15	463.15
165	445.29	467.67	467.67
170	448.36	470.89	470.89
175	450.41	473.05	473.05

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 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	451.69	474.39	474.39
185	452.41	475.14	475.14
190	452.75	475.51	475.51
195	452.88	475.64	475.64
200	452.91	475.68	475.68
205	452.92	475.68	475.68
210	452.91	475.68	475.68
215	452.88	475.64	475.64
220	452.75	475.51	475.51
225	452.41	475.14	475.14
230	451.69	474.39	474.39
235	450.41	473.05	473.05
240	448.36	470.89	470.89
245	445.29	467.67	467.67
250	440.99	463.15	463.15
255	435.21	457.09	457.09
260	427.75	449.26	449.26
265	418.44	439.49	439.49
270	407.14	427.63	427.63
275	393.77	413.59	413.59
280	378.32	397.37	397.37
285	360.83	379.02	379.02
290	341.42	358.64	359.50
295	320.26	336.44	343.11
300	297.60	312.66	328.40
305	273.74	287.62	311.48
310	249.01	261.67	289.42
315	223.78	235.20	269.38
320	198.42	208.60	253.02
325	173.32	182.29	237.74
330	148.87	156.66	220.52
335	125.41	132.10	200.68
340	103.27	108.94	179.74
345	82.75	87.52	160.87
350	64.11	68.13	148.35
355	47.57	51.04	132.74