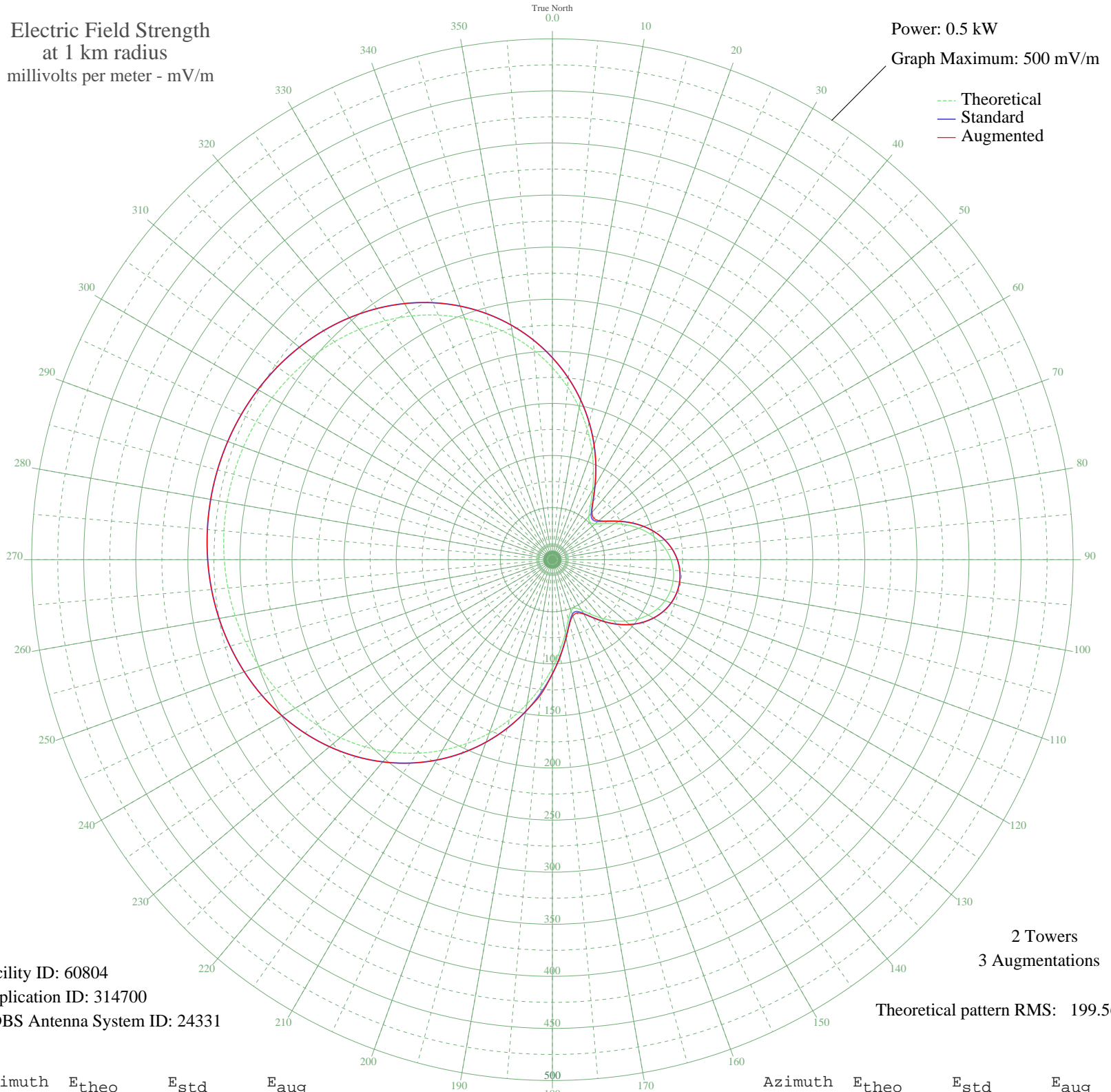


# KRFE LUBBOCK, TX BL-- 580 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 60804  
Application ID: 314700  
CDBS Antenna System ID: 24331

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	184.35	193.86	193.86
5	166.46	175.10	175.10
10	148.07	155.82	155.82
15	129.47	136.35	136.35
20	111.09	117.11	117.11
25	93.44	98.67	98.67
30	77.28	81.82	81.82
35	63.74	67.74	67.93
40	54.42	58.09	59.25
45	50.95	54.52	56.33
50	53.53	57.18	58.36
55	60.44	64.32	64.52
60	69.46	73.68	73.68
65	79.05	83.66	83.66
70	88.28	93.28	93.28
75	96.62	102.00	102.00
80	103.78	109.47	109.47
85	109.55	115.51	115.51
90	113.84	119.99	119.99
95	116.56	122.84	122.84
100	117.69	124.02	124.02
105	117.21	123.52	123.52
110	115.12	121.33	121.33
115	111.45	117.49	117.49
120	106.26	112.07	112.07
125	99.64	105.15	105.15
130	91.74	96.90	96.90
135	82.82	87.59	87.59
140	73.29	77.67	77.67
145	63.90	67.91	67.93
150	55.91	59.64	60.37
155	51.32	54.90	56.60
160	52.27	55.88	57.43
165	59.40	63.25	63.76
170	71.47	75.77	75.77
175	86.74	91.69	91.69

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.

03 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	103.90	109.60	109.60
185	122.07	128.60	130.37
190	140.63	148.04	148.04
195	159.15	167.44	167.44
200	177.28	186.44	186.44
205	194.73	204.74	204.74
210	211.30	222.11	222.11
215	226.80	238.37	238.37
220	241.11	253.39	253.39
225	254.15	267.06	267.06
230	265.86	279.35	279.35
235	276.24	290.24	290.24
240	285.30	299.74	299.74
245	293.08	307.91	307.91
250	299.64	314.80	314.80
255	305.06	320.48	320.48
260	309.39	325.03	325.03
265	312.72	328.52	328.52
270	315.09	331.01	331.01
275	316.56	332.55	332.55
280	317.16	333.18	333.18
285	316.90	332.92	332.92
290	315.78	331.74	331.74
295	313.78	329.63	329.63
300	310.84	326.55	326.55
305	306.92	322.43	322.43
310	301.94	317.21	317.21
315	295.85	310.82	310.82
320	288.56	303.17	303.17
325	280.02	294.20	294.20
330	270.17	283.87	283.87
335	258.99	272.14	272.14
340	246.48	259.02	259.02
345	232.67	244.53	244.53
350	217.64	228.76	228.76
355	201.48	211.81	211.81