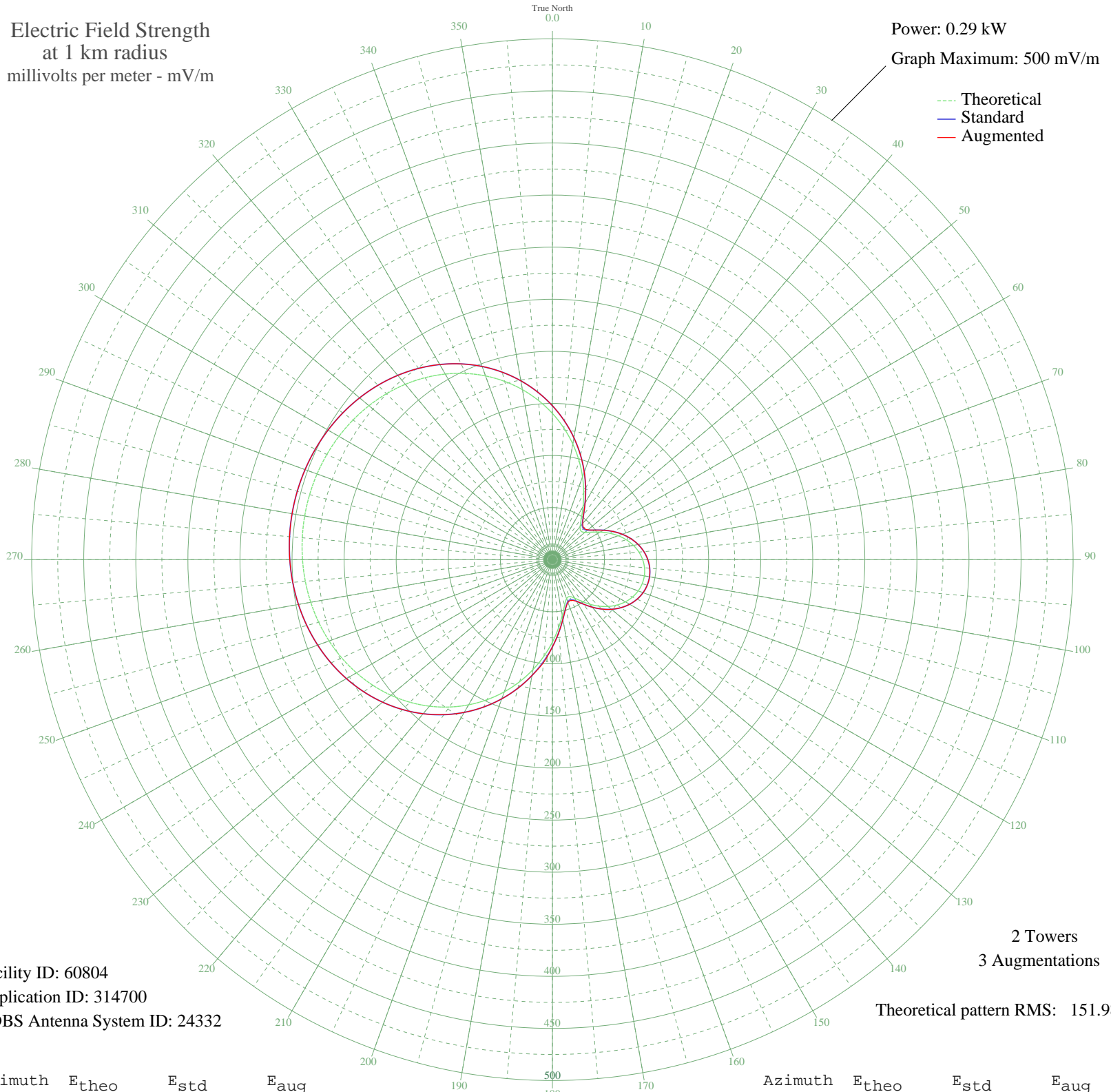


# KRFE LUBBOCK, TX BL-- 580 kHz

Nighttime

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

Power: 0.29 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 60804  
Application ID: 314700  
CDBS Antenna System ID: 24332

2 Towers  
3 Augmentations

Theoretical pattern RMS: 151.98

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	140.39	147.78	147.78
5	126.77	133.52	133.52
10	112.76	118.86	118.86
15	98.60	104.06	104.06
20	84.60	89.44	89.44
25	71.16	75.45	75.45
30	58.85	62.68	62.68
35	48.54	52.03	52.12
40	41.44	44.76	45.29
45	38.80	42.07	42.90
50	40.77	44.08	44.61
55	46.02	49.45	49.54
60	52.90	56.52	56.52
65	60.20	64.07	64.07
70	67.22	71.36	71.36
75	73.58	77.97	77.97
80	79.03	83.64	83.64
85	83.43	88.23	88.23
90	86.69	91.63	91.63
95	88.77	93.79	93.79
100	89.63	94.69	94.69
105	89.26	94.31	94.31
110	87.67	92.65	92.65
115	84.87	89.73	89.73
120	80.92	85.61	85.61
125	75.88	80.36	80.36
130	69.86	74.10	74.10
135	63.07	67.05	67.05
140	55.81	59.54	59.54
145	48.66	52.16	52.17
150	42.58	45.92	46.26
155	39.08	42.36	43.14
160	39.80	43.09	43.80
165	45.23	48.64	48.88
170	54.43	58.10	58.10
175	66.06	70.15	70.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	79.13	83.74	83.74
185	92.96	98.17	99.30
190	107.09	112.94	112.94
195	121.20	127.69	127.69
200	135.00	142.14	142.14
205	148.29	156.06	156.06
210	160.91	169.28	169.28
215	172.71	181.65	181.65
220	183.61	193.08	193.08
225	193.54	203.49	203.49
230	202.46	212.84	212.84
235	210.36	221.13	221.13
240	217.26	228.36	228.36
245	223.19	234.58	234.58
250	228.19	239.83	239.83
255	232.31	244.15	244.15
260	235.61	247.61	247.61
265	238.14	250.27	250.27
270	239.95	252.16	252.16
275	241.07	253.34	253.34
280	241.53	253.82	253.82
285	241.33	253.61	253.61
290	240.48	252.72	252.72
295	238.95	251.12	251.12
300	236.71	248.77	248.77
305	233.73	245.64	245.64
310	229.94	241.66	241.66
315	225.30	236.79	236.79
320	219.74	230.97	230.97
325	213.24	224.15	224.15
330	205.74	216.28	216.28
335	197.23	207.36	207.36
340	187.70	197.37	197.37
345	177.19	186.34	186.34
350	165.74	174.34	174.34
355	153.43	161.44	161.44

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission