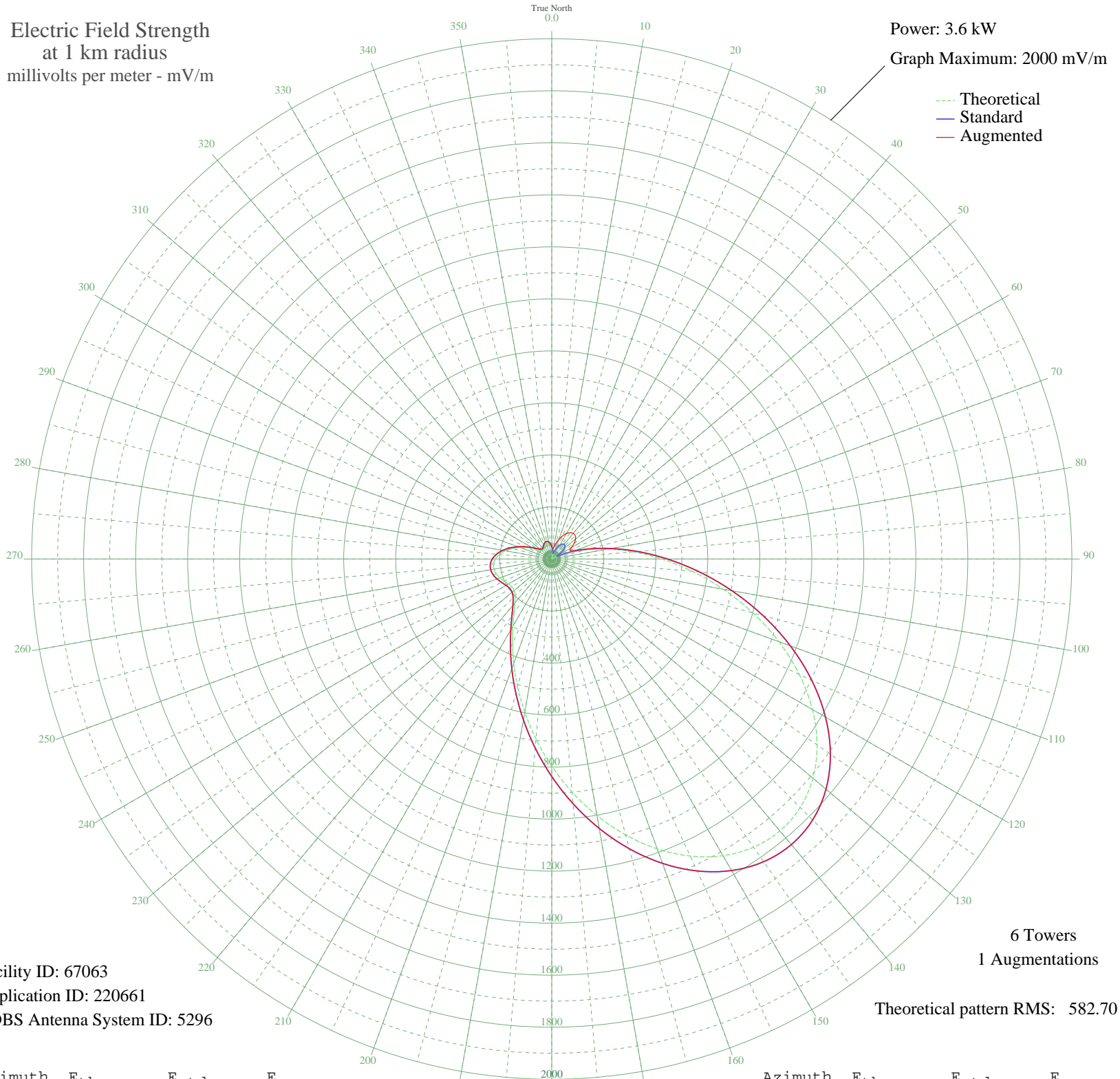


# KLAT HOUSTON, TX BL-19960221AD 1010 kHz

Nighttime

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

Power: 3.6 kW  
Graph Maximum: 2000 mV/m



Facility ID: 67063  
Application ID: 220661  
CDBS Antenna System ID: 5296

6 Towers  
1 Augmentations  
Theoretical pattern RMS: 582.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.34	48.14	48.18
5	26.68	34.89	40.87
10	9.90	23.26	46.17
15	7.84	22.37	61.35
20	25.20	33.66	79.86
25	41.02	47.83	97.76
30	54.13	60.52	112.80
35	63.43	69.77	123.48
40	67.86	74.23	128.66
45	66.35	72.71	127.50
50	57.74	64.10	119.46
55	40.75	47.57	104.86
60	13.93	25.43	86.72
65	24.22	32.86	76.92
70	75.18	81.63	97.77
75	140.18	148.66	153.01
80	219.98	231.92	232.57
85	314.55	330.93	330.93
90	422.81	444.43	444.43
95	542.50	570.00	570.00
100	670.10	703.92	703.92
105	801.00	841.30	841.30
110	929.72	976.43	976.43
115	1050.44	1103.15	1103.15
120	1157.42	1215.47	1215.47
125	1245.60	1308.05	1308.05
130	1311.02	1376.73	1376.73
135	1351.12	1418.83	1418.83
140	1364.90	1433.30	1433.30
145	1352.89	1420.69	1420.69
150	1316.96	1382.96	1382.96
155	1260.04	1323.20	1323.20
160	1185.76	1245.23	1245.23
165	1098.18	1153.28	1153.28
170	1001.42	1051.70	1051.70
175	899.47	944.67	944.67

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	796.04	836.10	836.10
185	694.43	729.45	729.45
190	597.55	627.77	627.77
195	507.81	533.61	533.61
200	427.24	449.08	449.08
205	357.36	375.81	375.81
210	299.29	314.94	314.94
215	253.60	267.09	267.09
220	220.35	232.31	232.31
225	199.04	210.02	210.02
230	188.51	199.02	199.02
235	187.03	197.48	197.48
240	192.32	203.01	203.01
245	201.71	212.82	212.82
250	212.30	223.89	223.89
255	221.26	233.25	233.25
260	226.09	238.30	238.30
265	224.95	237.11	237.11
270	216.87	228.66	228.66
275	201.87	212.99	212.99
280	180.99	191.17	191.17
285	156.06	165.18	165.18
290	129.49	137.55	137.55
295	103.85	111.01	111.01
300	81.46	88.03	88.03
305	64.07	70.41	70.41
310	52.61	59.03	59.03
315	47.12	53.67	53.67
320	46.78	53.34	53.34
325	50.13	56.60	56.60
330	55.35	61.72	61.72
335	60.51	66.85	66.85
340	63.90	70.24	70.24
345	64.19	70.54	70.54
350	60.60	66.95	66.95
355	52.89	59.31	59.31