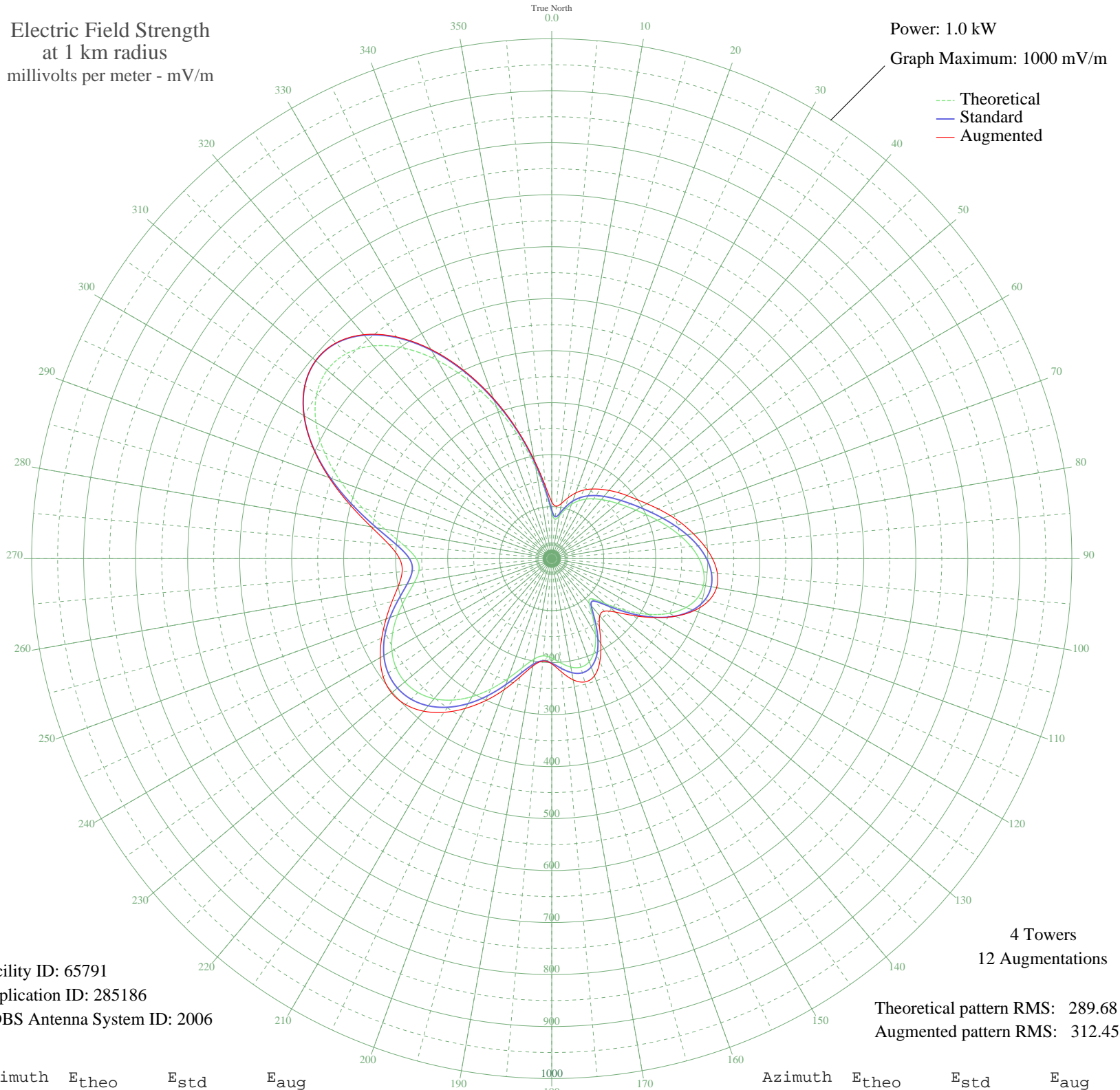


# KLBJ AUSTIN, TX BL-19990517DC 590 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 65791  
Application ID: 285186  
CDBS Antenna System ID: 2006

4 Towers  
12 Augmentations

Theoretical pattern RMS: 289.68  
Augmented pattern RMS: 312.45

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	88.27	93.51	109.43
5	75.83	80.58	101.21
10	83.34	88.39	107.88
15	97.63	103.25	121.08
20	111.36	117.58	134.37
25	122.77	129.51	145.55
30	132.19	139.36	154.57
35	140.45	147.99	162.86
40	148.32	156.23	171.27
45	156.42	164.71	179.90
50	165.25	173.95	188.86
55	175.24	184.42	198.85
60	186.85	196.58	211.33
65	200.41	210.80	226.06
70	216.00	227.14	242.44
75	233.27	245.25	259.68
80	251.28	264.14	276.44
85	268.58	282.29	293.69
90	283.26	297.69	309.10
95	293.17	308.08	319.59
100	296.16	311.22	321.84
105	290.41	305.18	312.53
110	274.71	288.72	291.94
115	248.88	261.62	262.16
120	214.14	225.18	226.74
125	173.74	182.85	190.57
130	134.46	141.73	160.10
135	109.15	115.28	142.89
140	111.89	118.13	143.70
145	137.36	144.76	160.09
150	168.53	177.39	188.69
155	194.63	204.74	218.64
160	210.93	221.82	239.93
165	216.19	227.34	245.58
170	211.79	222.73	236.72
175	201.47	211.91	219.00

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 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	191.12	201.06	202.26
185	187.69	197.47	197.78
190	196.22	206.40	209.84
195	216.78	227.96	235.69
200	245.27	257.83	268.43
205	276.55	290.65	301.59
210	306.47	322.03	332.70
215	332.12	348.94	360.88
220	351.66	369.46	383.07
225	364.02	382.42	397.16
230	368.66	387.29	401.85
235	365.48	383.96	395.70
240	354.81	372.75	380.87
245	337.47	354.56	360.69
250	315.10	331.09	338.90
255	290.58	305.36	317.80
260	268.65	282.36	299.18
265	256.17	269.26	288.72
270	260.32	273.62	292.58
275	284.44	298.92	314.32
280	325.58	342.08	352.55
285	376.95	396.00	401.88
290	431.23	452.96	455.49
295	481.89	506.14	506.74
300	523.52	549.83	549.83
305	551.83	579.56	579.66
310	563.84	592.16	592.54
315	557.97	586.00	586.79
320	534.23	561.08	562.35
325	494.13	518.99	520.78
330	440.57	462.77	465.05
335	377.48	396.55	399.24
340	309.44	325.15	328.10
345	241.30	253.66	256.70
350	177.96	187.27	191.64
355	124.68	131.50	140.22