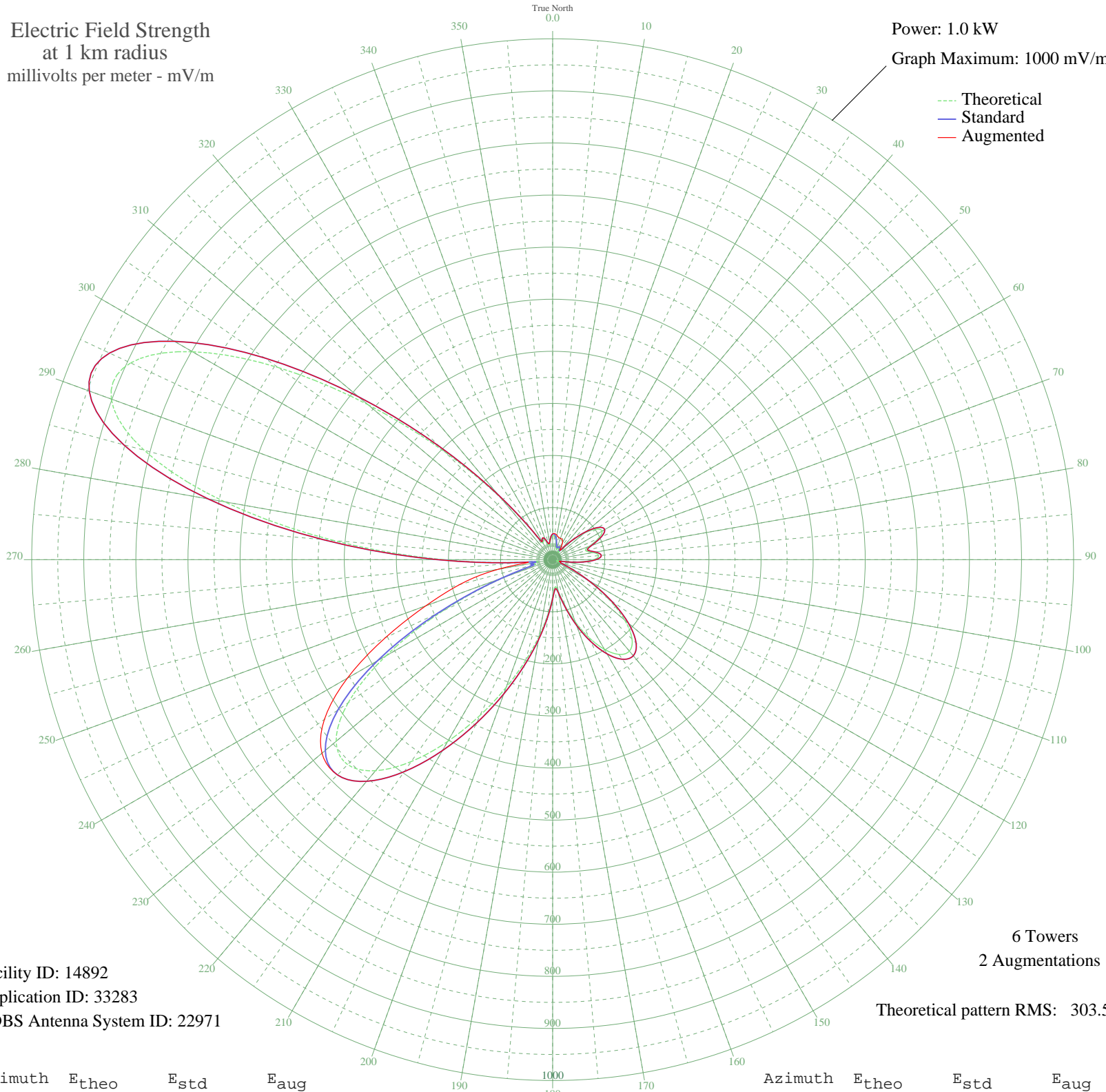


KEDA SAN ANTONIO, TX BL-19810814AA 1540 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 14892
Application ID: 33283
CDBS Antenna System ID: 22971

6 Towers
2 Augmentations
Theoretical pattern RMS: 303.52

Azimuth	E _{theo}	E _{std}	E _{aug}
0	45.89	49.37	49.37
5	44.69	48.14	50.09
10	36.66	39.96	47.43
15	25.90	29.24	44.37
20	20.60	24.15	43.45
25	23.57	26.98	42.91
30	24.62	28.00	37.90
35	19.00	22.66	26.54
40	22.30	25.77	25.77
45	48.07	51.61	51.61
50	78.94	83.58	83.58
55	102.36	108.01	108.01
60	109.36	115.33	115.33
65	97.24	102.67	102.67
70	74.77	79.24	79.24
75	65.82	69.94	69.94
80	79.16	83.81	83.81
85	88.65	93.70	93.70
90	78.50	83.12	83.12
95	50.61	54.22	54.22
100	18.14	21.87	21.87
105	8.99	14.30	14.30
110	10.77	15.60	15.60
115	26.97	30.28	30.28
120	73.70	78.12	78.12
125	129.83	136.75	136.75
130	180.70	190.04	190.04
135	215.50	226.53	226.53
140	229.12	240.82	240.82
145	222.03	233.38	233.38
150	198.63	208.83	208.83
155	165.00	173.59	173.59
160	127.20	133.99	133.99
165	90.56	95.69	95.69
170	61.48	65.45	65.45
175	52.52	56.19	56.19

Azimuth	E _{theo}	E _{std}	E _{aug}
180	70.95	75.27	75.27
185	105.03	110.80	110.80
190	148.27	156.05	156.05
195	200.13	210.41	210.41
200	260.97	274.23	274.23
205	329.83	346.49	346.49
210	403.02	423.31	423.31
215	473.14	496.91	496.91
220	528.90	555.45	555.45
225	556.41	584.33	584.33
230	542.42	569.64	578.03
235	479.18	503.25	534.90
240	369.87	388.52	455.01
245	232.37	244.23	354.06
250	99.76	105.30	259.18
255	33.23	36.51	184.90
260	37.47	40.79	106.24
265	56.32	60.11	60.11
270	209.88	220.63	220.63
275	421.79	443.01	443.01
280	639.44	671.49	671.49
285	811.84	852.50	852.50
290	901.49	946.63	946.63
295	893.80	938.55	938.55
300	798.43	838.42	838.42
305	643.12	675.36	675.36
310	463.36	486.64	486.64
315	292.21	307.01	307.01
320	153.80	161.84	161.84
325	63.17	67.19	67.19
330	36.70	40.01	40.01
335	42.61	46.01	46.01
340	38.19	41.51	41.51
345	29.15	32.44	32.44
350	30.34	33.62	33.62
355	39.70	43.05	43.05

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 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission