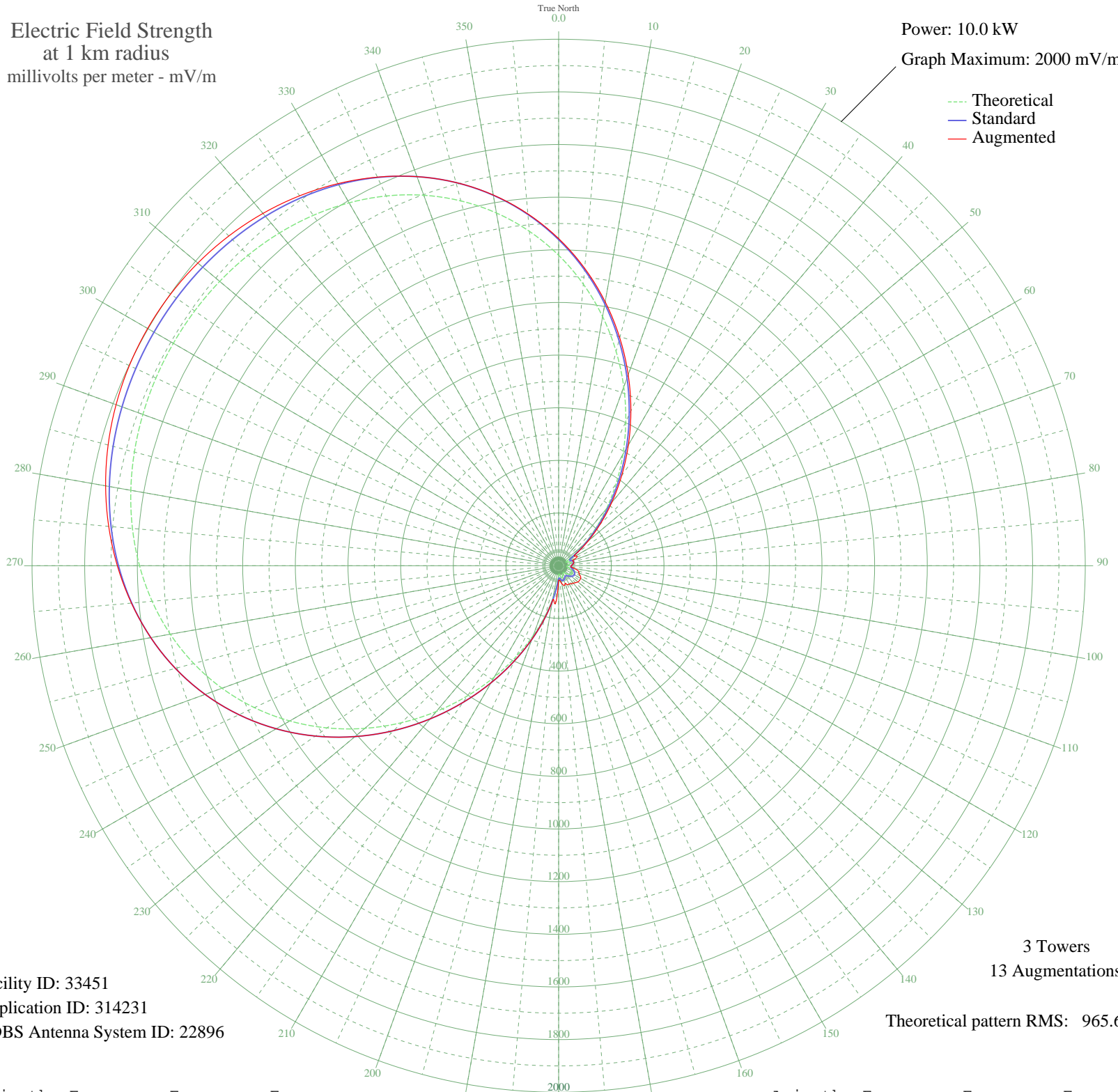


# KASA PHOENIX, AZ BL-- 1540 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 33451  
Application ID: 314231  
CDBS Antenna System ID: 22896

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	Etheo	Estd	Eaug
0	1179.31	1238.72	1242.69
5	1073.97	1128.16	1134.18
10	961.09	1009.69	1017.98
15	843.07	885.84	896.48
20	722.76	759.63	772.49
25	603.33	634.37	649.14
30	488.02	513.50	529.63
35	379.96	400.34	417.00
40	281.95	297.90	314.00
45	196.34	208.81	222.90
50	125.03	135.42	145.68
55	69.96	80.62	85.14
60	35.94	50.27	73.22
65	32.22	47.40	75.81
70	41.50	54.79	56.19
75	46.39	58.95	58.95
80	44.98	57.73	57.81
85	39.24	52.92	53.11
90	32.78	47.82	47.91
95	30.44	46.09	46.57
100	34.77	49.35	61.38
105	42.80	55.87	77.31
110	50.66	62.70	81.67
115	56.10	67.62	90.14
120	58.02	69.38	96.56
125	56.10	67.62	96.93
130	50.66	62.70	95.70
135	42.80	55.87	91.09
140	34.77	49.35	86.45
145	30.44	46.09	83.38
150	32.78	47.82	79.90
155	39.24	52.92	79.97
160	44.98	57.73	71.58
165	46.39	58.95	77.58
170	41.50	54.79	69.20
175	32.22	47.40	55.47

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	Etheo	Estd	Eaug
180	35.94	50.27	55.33
185	69.96	80.62	144.84
190	125.03	135.42	135.42
195	196.34	208.81	208.81
200	281.95	297.90	297.90
205	379.96	400.34	400.34
210	488.02	513.50	513.50
215	603.33	634.37	634.37
220	722.76	759.63	759.63
225	843.06	885.84	885.84
230	961.09	1009.69	1009.69
235	1073.97	1128.16	1128.16
240	1179.31	1238.72	1238.72
245	1275.26	1339.43	1339.43
250	1360.60	1429.02	1429.02
255	1434.75	1506.85	1506.85
260	1497.65	1572.88	1572.88
265	1549.74	1627.56	1628.73
270	1591.80	1671.71	1676.08
275	1624.82	1706.39	1715.40
280	1649.91	1732.72	1747.07
285	1668.12	1751.84	1771.44
290	1680.39	1764.72	1788.72
295	1687.45	1772.13	1799.04
300	1689.75	1774.55	1802.47
305	1687.45	1772.13	1799.04
310	1680.39	1764.72	1788.72
315	1668.12	1751.84	1771.44
320	1649.91	1732.72	1747.07
325	1624.82	1706.39	1715.40
330	1591.80	1671.71	1676.08
335	1549.74	1627.56	1628.73
340	1497.65	1572.88	1572.88
345	1434.75	1506.85	1507.10
350	1360.60	1429.02	1430.03
355	1275.26	1339.43	1341.70