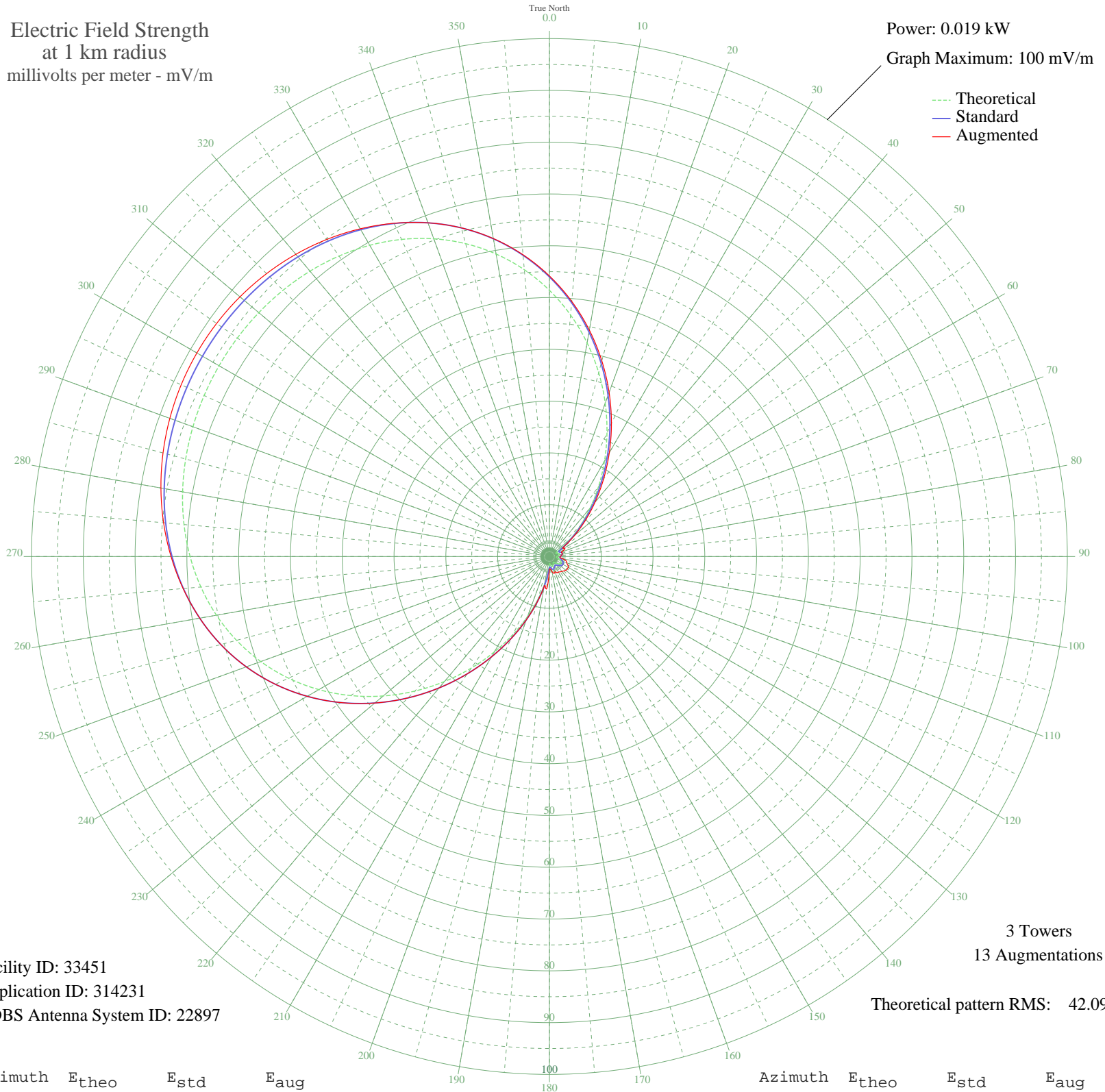


KASA PHOENIX, AZ BL-- 1540 kHz

Nighttime

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

Power: 0.019 kW
Graph Maximum: 100 mV/m



Facility ID: 33451
Application ID: 314231
CDBS Antenna System ID: 22897

3 Towers
13 Augmentations
Theoretical pattern RMS: 42.09

Azimuth	E _{theo}	E _{std}	E _{aug}
0	51.40	53.99	54.18
5	46.81	49.18	49.46
10	41.89	44.01	44.40
15	36.75	38.61	39.11
20	31.50	33.11	33.71
25	26.30	27.65	28.34
30	21.27	22.38	23.13
35	16.56	17.45	18.23
40	12.29	12.99	13.73
45	8.56	9.10	9.76
50	5.45	5.90	6.38
55	3.05	3.51	3.72
60	1.57	2.19	3.16
65	1.40	2.07	3.27
70	1.81	2.39	2.45
75	2.02	2.57	2.57
80	1.96	2.52	2.51
85	1.71	2.31	2.30
90	1.43	2.08	2.08
95	1.33	2.01	2.03
100	1.52	2.15	2.67
105	1.87	2.44	3.36
110	2.21	2.73	3.55
115	2.45	2.95	3.92
120	2.53	3.02	4.20
125	2.45	2.95	4.20
130	2.21	2.73	4.13
135	1.87	2.44	3.94
140	1.52	2.15	3.75
145	1.33	2.01	3.62
150	1.43	2.08	3.47
155	1.71	2.31	3.48
160	1.96	2.52	3.12
165	2.02	2.57	3.38
170	1.81	2.39	3.00
175	1.40	2.07	2.43

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 _{theo}	E _{std}	E _{aug}
180	1.57	2.19	2.42
185	3.05	3.51	6.30
190	5.45	5.90	5.90
195	8.56	9.10	9.10
200	12.29	12.99	12.99
205	16.56	17.45	17.45
210	21.27	22.38	22.38
215	26.30	27.65	27.65
220	31.50	33.11	33.11
225	36.75	38.61	38.61
230	41.89	44.01	44.01
235	46.81	49.18	49.18
240	51.40	53.99	53.99
245	55.59	58.38	58.38
250	59.31	62.29	62.29
255	62.54	65.68	65.68
260	65.28	68.56	68.56
265	67.55	70.94	71.00
270	69.38	72.87	73.06
275	70.82	74.38	74.78
280	71.92	75.53	76.17
285	72.71	76.36	77.24
290	73.25	76.92	78.00
295	73.55	77.25	78.45
300	73.65	77.35	78.60
305	73.55	77.25	78.45
310	73.25	76.92	78.00
315	72.71	76.36	77.24
320	71.92	75.53	76.17
325	70.82	74.38	74.78
330	69.38	72.87	73.06
335	67.55	70.94	71.00
340	65.28	68.56	68.56
345	62.54	65.68	65.69
350	59.31	62.29	62.34
355	55.59	58.38	58.49