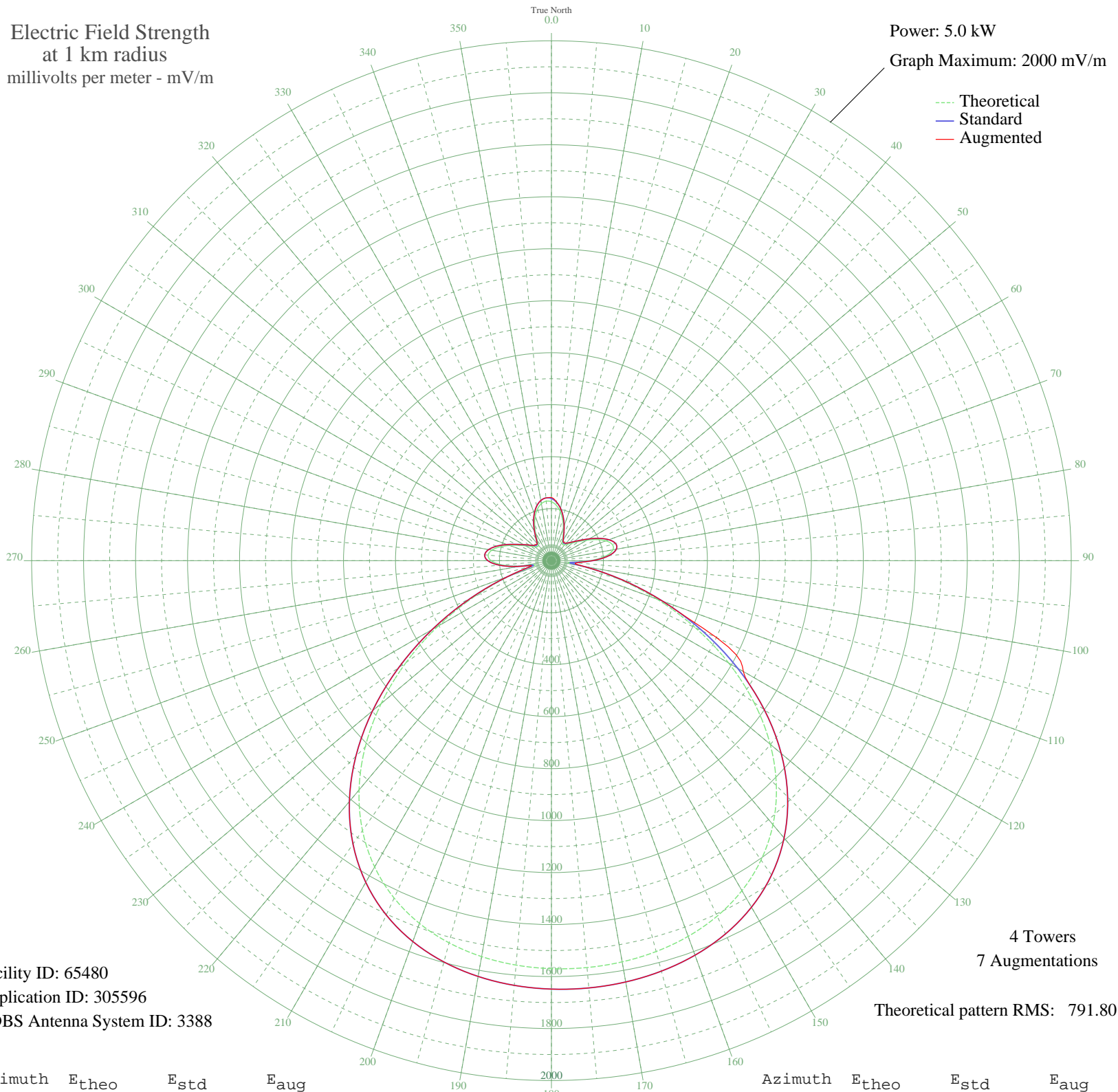


# KGME PHOENIX, AZ BL-- 910 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 65480  
Application ID: 305596  
CDBS Antenna System ID: 3388

Theoretical pattern RMS: 791.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	226.66	239.15	242.85
5	213.94	225.86	226.28
10	192.67	203.66	203.66
15	164.97	174.81	174.81
20	134.10	142.75	142.75
25	104.72	112.44	112.44
30	83.14	90.40	90.40
35	75.12	82.30	84.94
40	79.72	86.94	87.20
45	90.99	98.38	98.38
50	106.61	114.38	114.38
55	128.52	136.97	136.97
60	157.96	167.52	167.52
65	191.85	202.81	202.81
70	222.98	235.31	235.31
75	242.16	255.35	255.35
80	240.29	253.40	253.40
85	210.22	221.98	221.98
90	149.18	158.39	158.39
95	71.92	79.08	97.22
100	115.40	123.43	124.79
105	261.87	275.97	275.97
110	432.64	454.88	454.88
115	611.50	642.50	702.25
120	787.56	827.27	852.52
125	952.11	999.99	999.99
130	1098.81	1153.98	1153.98
135	1223.88	1285.29	1285.29
140	1326.02	1392.52	1392.52
145	1405.97	1476.45	1476.45
150	1465.90	1539.37	1539.37
155	1508.85	1584.47	1584.47
160	1538.11	1615.19	1615.19
165	1556.75	1634.76	1634.76
170	1567.26	1645.79	1645.79
175	1571.30	1650.03	1650.03

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1569.59	1648.24	1648.24
185	1561.82	1640.08	1640.08
190	1546.69	1624.19	1624.19
195	1522.02	1598.29	1598.29
200	1484.93	1559.36	1559.36
205	1432.18	1503.98	1503.98
210	1360.57	1428.79	1428.79
215	1267.49	1331.07	1331.07
220	1151.55	1209.36	1209.36
225	1013.20	1064.12	1064.12
230	855.17	898.24	898.24
235	682.79	717.32	717.32
240	503.87	529.59	529.59
245	328.41	345.62	345.62
250	169.29	179.29	179.75
255	64.31	71.49	81.58
260	117.52	125.61	125.61
265	189.43	200.28	200.28
270	231.94	244.66	244.66
275	244.41	257.70	257.70
280	232.62	245.38	245.38
285	205.13	216.66	216.66
290	171.32	181.41	181.41
295	139.46	148.30	148.30
300	114.48	122.47	123.39
305	96.66	104.17	104.74
310	83.69	90.96	90.96
315	75.78	82.96	86.90
320	78.15	85.35	85.35
325	94.76	102.23	102.23
330	121.85	130.08	130.08
335	152.78	162.13	162.13
340	182.21	192.76	192.76
345	206.36	217.95	217.95
350	222.70	235.01	235.01
355	229.67	242.29	242.29