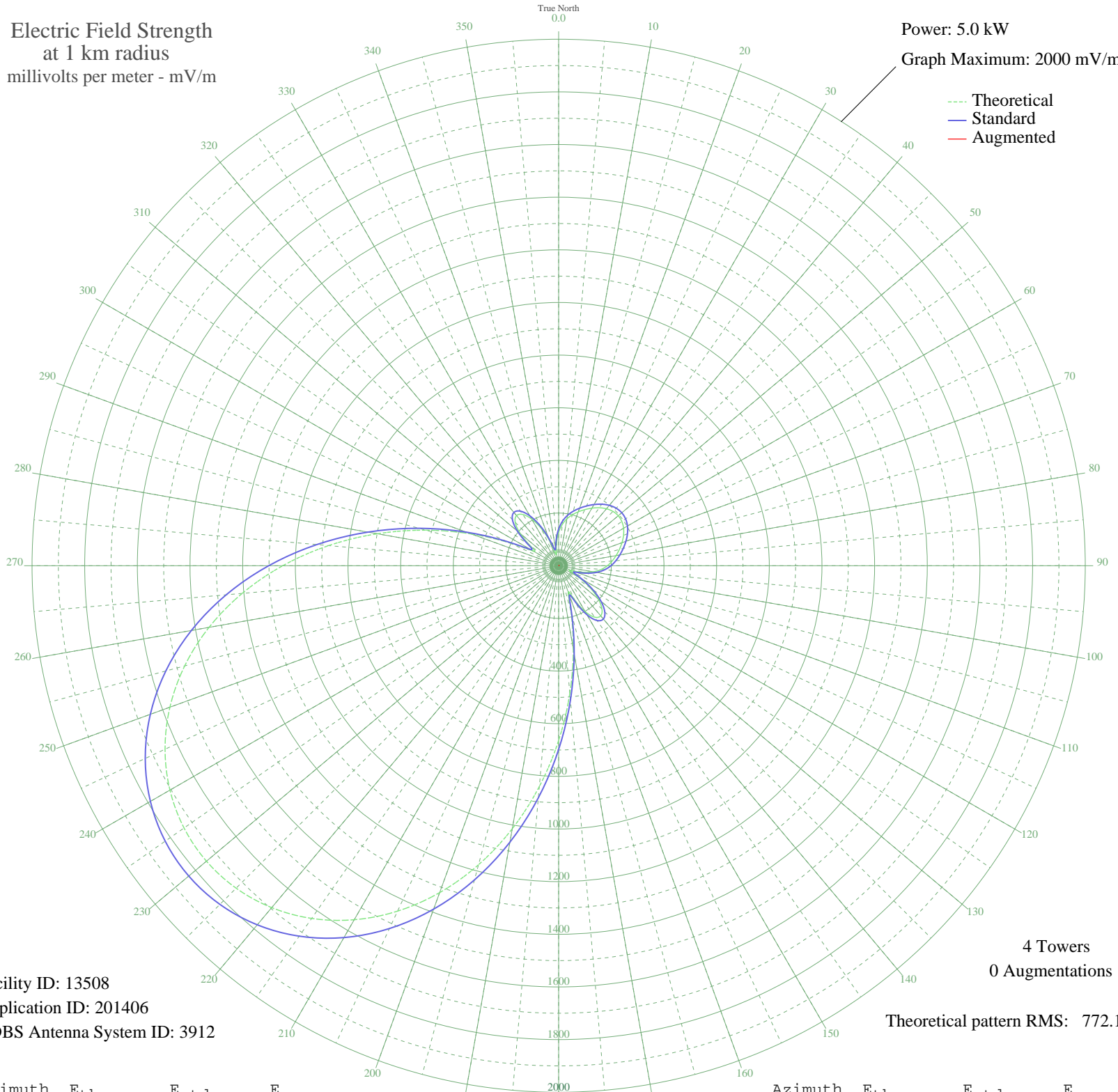


KKNT PHOENIX, AZ BL-19940802AD 960 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 13508
Application ID: 201406
CDBS Antenna System ID: 3912

4 Towers
0 Augmentations
Theoretical pattern RMS: 772.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	126.43	139.02	
5	157.02	169.96	
10	180.87	194.34	
15	200.30	214.32	
20	217.85	232.43	
25	235.17	250.35	
30	252.52	268.33	
35	268.85	285.29	
40	282.49	299.46	
45	291.74	309.09	
50	295.39	312.89	
55	292.94	310.35	
60	284.74	301.80	
65	271.85	288.41	
70	255.91	271.85	
75	238.66	253.96	
80	221.30	236.00	
85	203.89	218.02	
90	185.03	198.61	
95	162.27	175.31	
100	133.16	145.77	
105	96.67	109.56	
110	57.03	72.71	
115	46.32	63.77	
120	90.06	103.17	
125	145.56	158.31	
130	196.02	209.92	
135	232.70	247.79	
140	248.59	264.26	
145	238.62	253.92	
150	200.97	215.01	
155	141.95	154.65	
160	105.48	118.18	
165	180.06	193.51	
170	320.94	339.50	
175	486.84	512.85	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	663.55	697.95	
185	841.95	885.01	
190	1014.75	1066.28	
195	1176.09	1235.58	
200	1321.48	1388.17	
205	1447.74	1520.68	
210	1552.82	1630.98	
215	1635.56	1717.83	
220	1695.43	1780.68	
225	1732.27	1819.35	
230	1746.08	1833.85	
235	1736.88	1824.19	
240	1704.64	1790.35	
245	1649.37	1732.33	
250	1571.18	1650.25	
255	1470.50	1544.57	
260	1348.34	1416.36	
265	1206.56	1267.56	
270	1048.10	1101.27	
275	877.16	921.94	
280	699.35	735.47	
285	521.65	549.28	
290	352.71	372.64	
295	205.05	219.22	
300	110.99	123.63	
305	129.90	142.49	
310	190.39	204.12	
315	233.28	248.39	
320	248.79	264.46	
325	237.74	253.01	
330	204.71	218.86	
335	156.37	169.30	
340	101.02	113.81	
345	52.28	68.66	
350	50.47	67.16	
355	88.65	101.81	

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