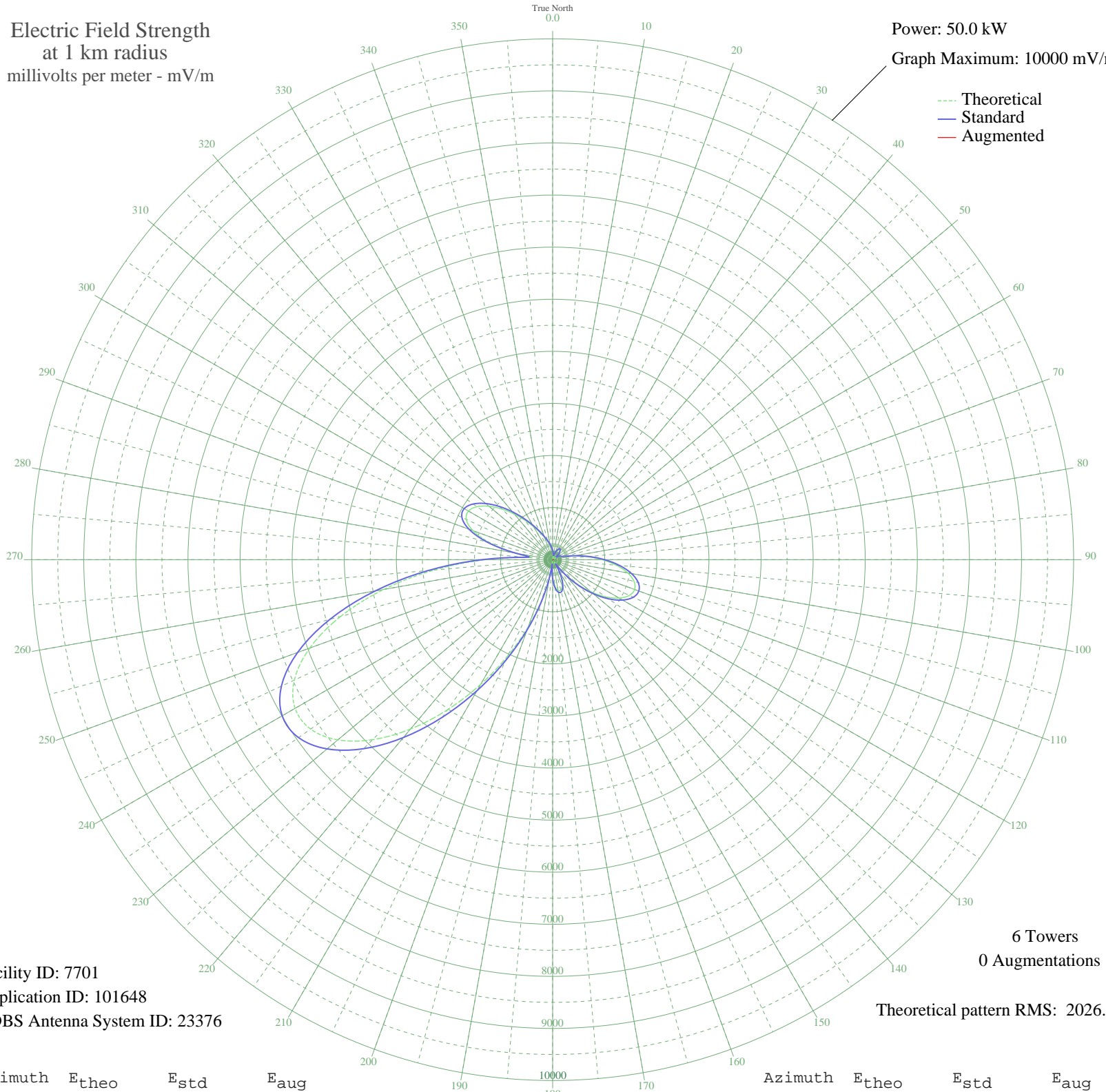


# KMIK TEMPE, AZ BL-19870529AG 1580 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 10000 mV/m



Facility ID: 7701  
Application ID: 101648  
CDBS Antenna System ID: 23376

6 Towers  
0 Augmentations  
Theoretical pattern RMS: 2026.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	152.12	176.14	
5	87.07	117.77	
10	18.00	76.61	
15	54.84	93.96	
20	123.86	149.75	
25	181.69	204.71	
30	218.85	241.48	
35	227.05	249.69	
40	201.93	224.65	
45	145.65	170.00	
50	69.70	104.25	
55	36.20	83.41	
60	96.15	125.32	
65	134.62	159.67	
70	156.36	180.19	
75	231.03	253.69	
80	406.94	433.68	
85	658.75	695.66	
90	946.24	996.32	
95	1227.56	1291.08	
100	1462.62	1537.55	
105	1618.55	1701.10	
110	1674.52	1759.82	
115	1624.18	1707.01	
120	1475.17	1550.71	
125	1246.21	1310.63	
130	962.88	1013.74	
135	653.10	689.76	
140	343.99	368.74	
145	73.12	106.80	
150	206.64	229.32	
155	401.76	428.33	
160	538.30	570.07	
165	607.11	641.77	
170	601.30	635.72	
175	513.99	544.77	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	338.02	362.60	
185	71.11	105.30	
190	312.83	336.76	
195	791.19	834.06	
200	1370.47	1440.90	
205	2036.78	2139.91	
210	2765.19	2904.40	
215	3517.99	3694.64	
220	4245.26	4458.15	
225	4887.86	5132.79	
230	5382.97	5652.61	
235	5671.92	5955.98	
240	5709.17	5995.08	
245	5470.87	5744.90	
250	4961.23	5209.82	
255	4214.77	4426.13	
260	3293.99	3459.49	
265	2283.07	2398.37	
270	1284.11	1350.36	
275	491.80	521.71	
280	686.03	724.15	
285	1234.63	1298.49	
290	1625.90	1708.81	
295	1829.27	1922.17	
300	1865.66	1960.35	
305	1772.98	1863.11	
310	1594.56	1675.93	
315	1371.61	1442.10	
320	1138.25	1197.47	
325	919.06	967.87	
330	728.67	768.70	
335	572.85	606.06	
340	450.44	478.75	
345	355.58	380.67	
350	279.93	303.16	
355	214.67	237.32	

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 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission