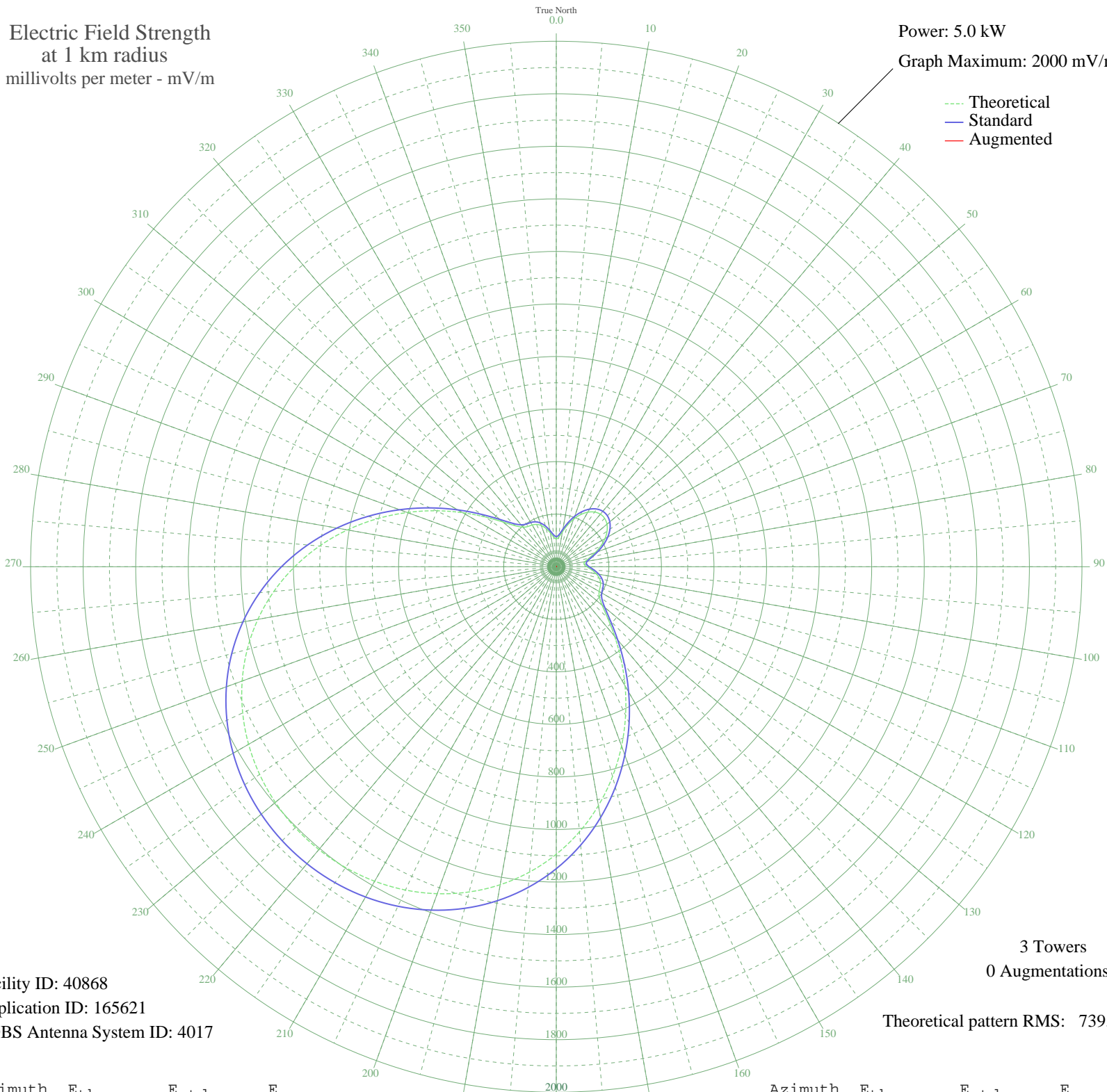


# KHTY BAKERSFIELD, CA BL-19911007AB 970 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 40868  
Application ID: 165621  
CDBS Antenna System ID: 4017

3 Towers  
0 Augmentations

Theoretical pattern RMS: 739.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	105.67	114.34	
5	113.75	122.59	
10	135.33	144.75	
15	163.48	173.86	
20	192.44	203.95	
25	218.57	231.16	
30	239.57	253.06	
35	254.00	268.13	
40	261.01	275.45	
45	260.23	274.63	
50	251.69	265.71	
55	235.86	249.19	
60	213.70	226.08	
65	186.79	198.06	
70	157.63	167.80	
75	130.26	139.54	
80	110.86	119.63	
85	106.04	114.71	
90	116.36	125.26	
95	134.90	144.31	
100	154.17	164.22	
105	169.56	180.17	
110	179.21	190.19	
115	184.04	195.20	
120	188.33	199.67	
125	199.95	211.76	
130	227.77	240.74	
135	276.55	291.68	
140	345.10	363.41	
145	429.06	451.35	
150	523.48	550.34	
155	623.80	655.57	
160	726.01	762.81	
165	826.68	868.45	
170	922.97	969.51	
175	1012.67	1063.67	

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1094.18	1149.22	
185	1166.44	1225.07	
190	1228.92	1290.66	
195	1281.48	1345.84	
200	1324.28	1390.77	
205	1357.65	1425.80	
210	1382.00	1451.36	
215	1397.71	1467.86	
220	1405.08	1475.60	
225	1404.27	1474.74	
230	1395.24	1465.26	
235	1377.83	1446.98	
240	1351.71	1419.57	
245	1316.49	1382.59	
250	1271.76	1335.63	
255	1217.22	1278.38	
260	1152.76	1210.71	
265	1078.59	1132.86	
270	995.35	1045.48	
275	904.18	949.79	
280	806.81	847.60	
285	705.59	741.38	
290	603.46	634.24	
295	503.98	529.90	
300	411.27	432.72	
305	330.00	347.60	
310	265.10	279.72	
315	220.58	233.25	
320	196.59	208.26	
325	187.18	198.47	
330	183.31	194.44	
335	177.74	188.66	
340	166.92	177.43	
345	150.52	160.44	
350	130.93	140.22	
355	113.37	122.20	