

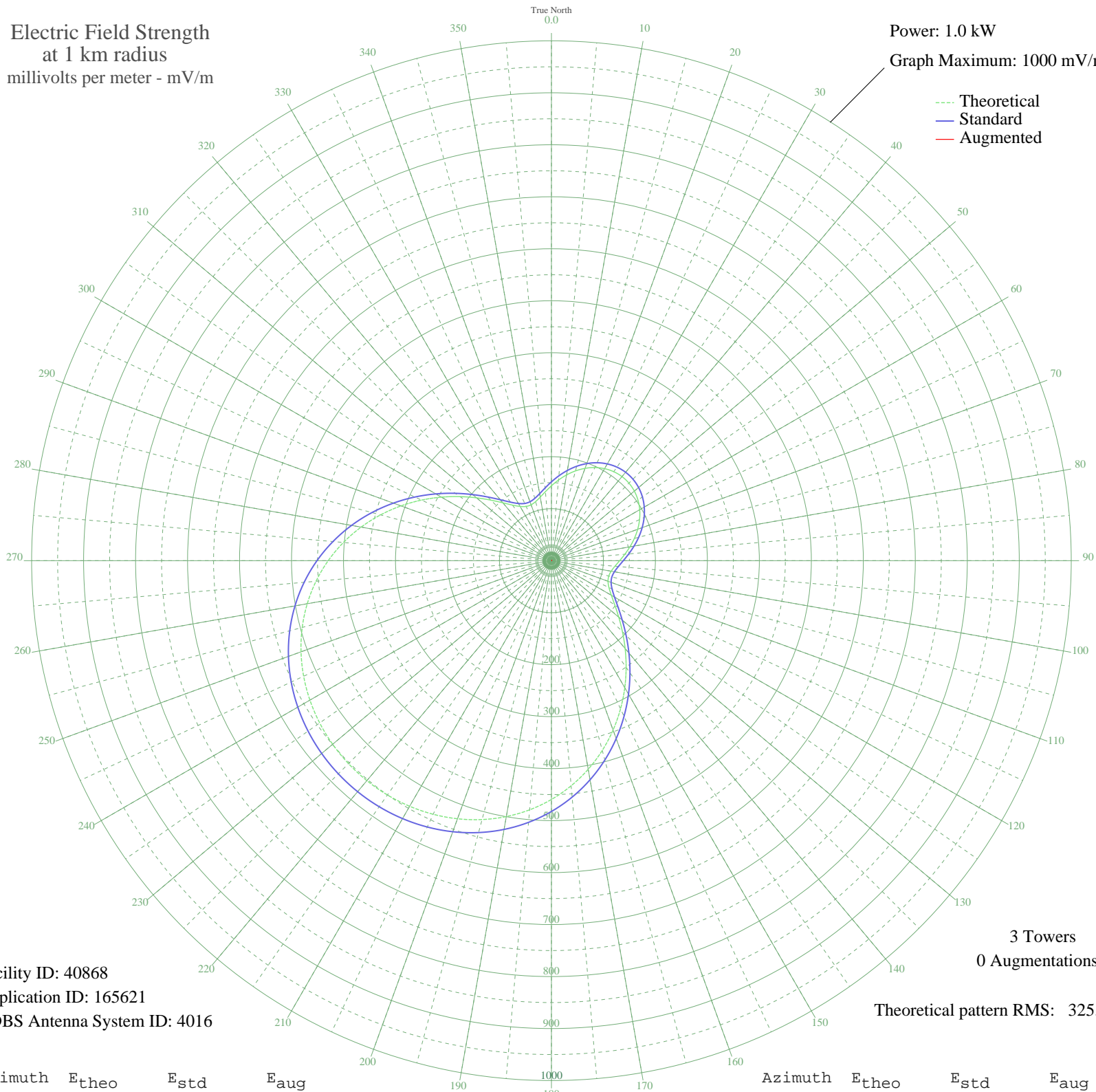
KHTY BAKERSFIELD, CA BL-19911007AB 970 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 40868
Application ID: 165621
CDBS Antenna System ID: 4016

3 Towers
0 Augmentations

Theoretical pattern RMS: 325.39

Azimuth	E _{theo}	E _{std}	E _{aug}
0	143.98	151.60	
5	155.64	163.81	
10	167.45	176.18	
15	178.75	188.02	
20	188.97	198.73	
25	197.64	207.82	
30	204.39	214.90	
35	208.95	219.68	
40	211.14	221.98	
45	210.90	221.73	
50	208.22	218.92	
55	203.20	213.66	
60	196.05	206.15	
65	187.04	196.71	
70	176.56	185.73	
75	165.11	173.73	
80	153.28	161.33	
85	141.74	149.24	
90	131.25	138.26	
95	122.62	129.23	
100	116.67	123.02	
105	114.20	120.43	
110	115.84	122.14	
115	122.06	128.65	
120	133.06	140.16	
125	148.79	156.62	
130	168.96	177.76	
135	193.10	203.06	
140	220.56	231.85	
145	250.53	263.30	
150	282.16	296.48	
155	314.51	330.42	
160	346.69	364.20	
165	377.90	396.95	
170	407.43	427.94	
175	434.71	456.59	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	459.36	482.45	
185	481.11	505.29	
190	499.84	524.95	
195	515.56	541.45	
200	528.32	554.85	
205	538.26	565.28	
210	545.50	572.88	
215	550.16	577.78	
220	552.35	580.08	
225	552.11	579.82	
230	549.43	577.01	
235	544.26	571.58	
240	536.49	563.43	
245	526.00	552.41	
250	512.65	538.40	
255	496.34	521.27	
260	477.00	500.97	
265	454.65	477.52	
270	429.46	451.07	
275	401.69	421.92	
280	371.77	390.52	
285	340.31	357.50	
290	308.02	323.62	
295	275.74	289.75	
300	244.38	256.84	
305	214.84	225.85	
310	187.99	197.70	
315	164.59	173.18	
320	145.27	152.94	
325	130.48	137.46	
330	120.44	126.95	
335	115.16	121.43	
340	114.38	120.62	
345	117.61	123.99	
350	124.15	130.84	
355	133.22	140.33	

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