

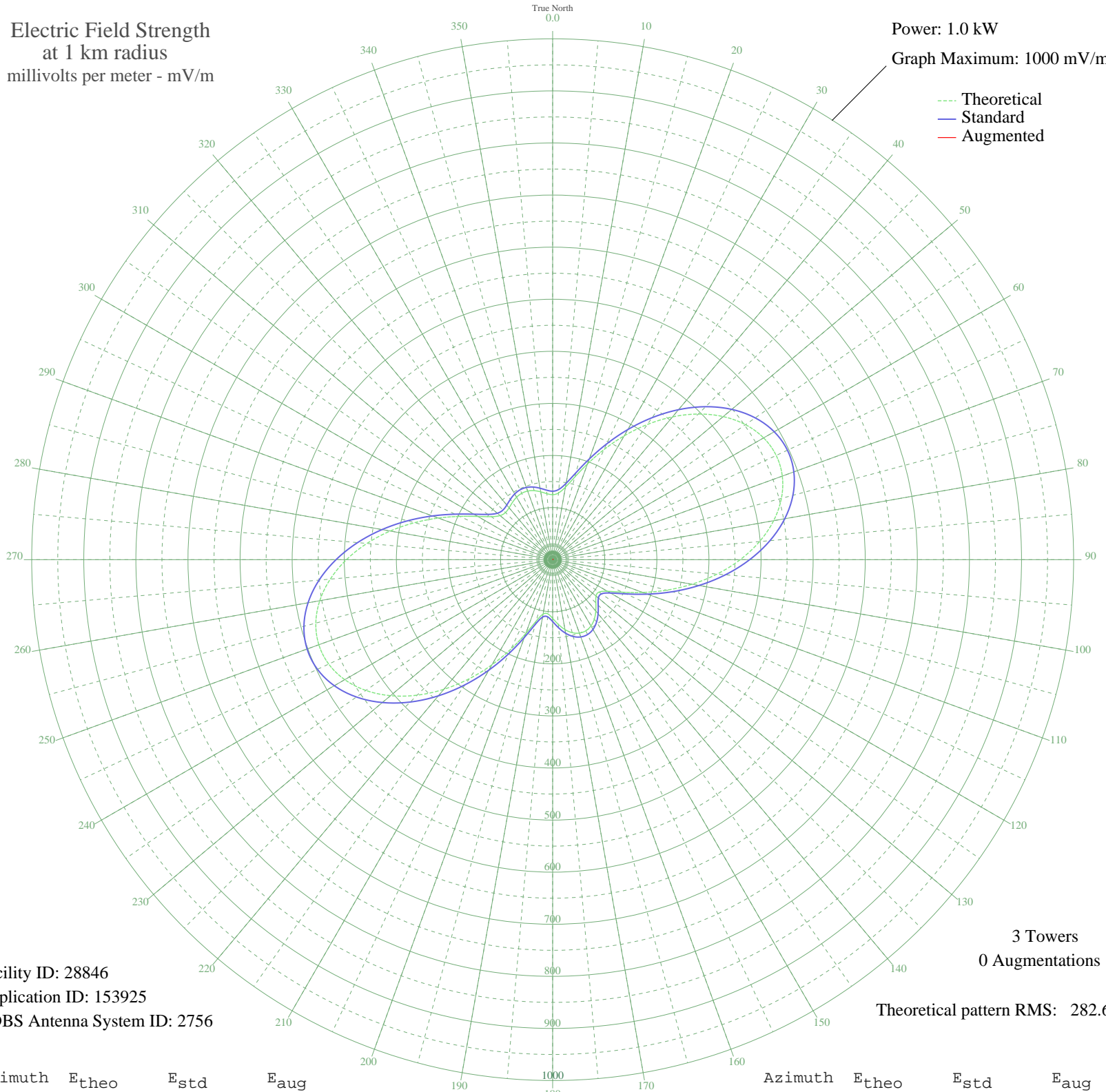
KBFP BAKERSFIELD, CA BL-19901031AG 800 kHz

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: 28846
Application ID: 153925
CDBS Antenna System ID: 2756

3 Towers
0 Augmentations

Theoretical pattern RMS: 282.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	124.77	131.43	
5	128.51	135.34	
10	141.39	148.83	
15	164.24	172.77	
20	195.66	205.71	
25	233.26	245.14	
30	274.46	288.38	
35	316.79	332.79	
40	357.86	375.89	
45	395.41	415.31	
50	427.37	448.87	
55	451.93	474.64	
60	467.63	491.12	
65	473.50	497.29	
70	469.12	492.69	
75	454.62	477.47	
80	430.72	452.38	
85	398.65	418.72	
90	360.07	378.22	
95	316.96	332.98	
100	271.57	285.35	
105	226.35	237.90	
110	184.02	193.51	
115	147.79	155.53	
120	121.47	127.98	
125	108.47	114.37	
130	108.65	114.57	
135	117.30	123.61	
140	128.80	135.65	
145	139.38	146.73	
150	147.01	154.72	
155	150.70	158.58	
160	150.05	157.91	
165	145.10	152.71	
170	136.28	143.48	
175	124.71	131.36	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	112.68	118.78	
185	104.48	110.20	
190	106.15	111.95	
195	121.99	128.51	
200	151.00	158.90	
205	189.28	199.02	
210	233.00	244.88	
215	279.09	293.23	
220	324.89	341.29	
225	368.01	386.56	
230	406.28	426.72	
235	437.75	459.76	
240	460.82	483.97	
245	474.33	498.15	
250	477.63	501.63	
255	470.68	494.32	
260	453.96	476.77	
265	428.52	450.07	
270	395.87	415.79	
275	357.85	375.89	
280	316.59	332.59	
285	274.36	288.27	
290	233.53	245.43	
295	196.57	206.67	
300	165.98	174.59	
305	143.98	151.54	
310	131.66	138.64	
315	127.99	134.80	
320	130.03	136.93	
325	134.38	141.49	
330	138.43	145.73	
335	140.59	147.99	
340	140.14	147.53	
345	137.11	144.35	
350	132.24	139.25	
355	127.21	133.98	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission