

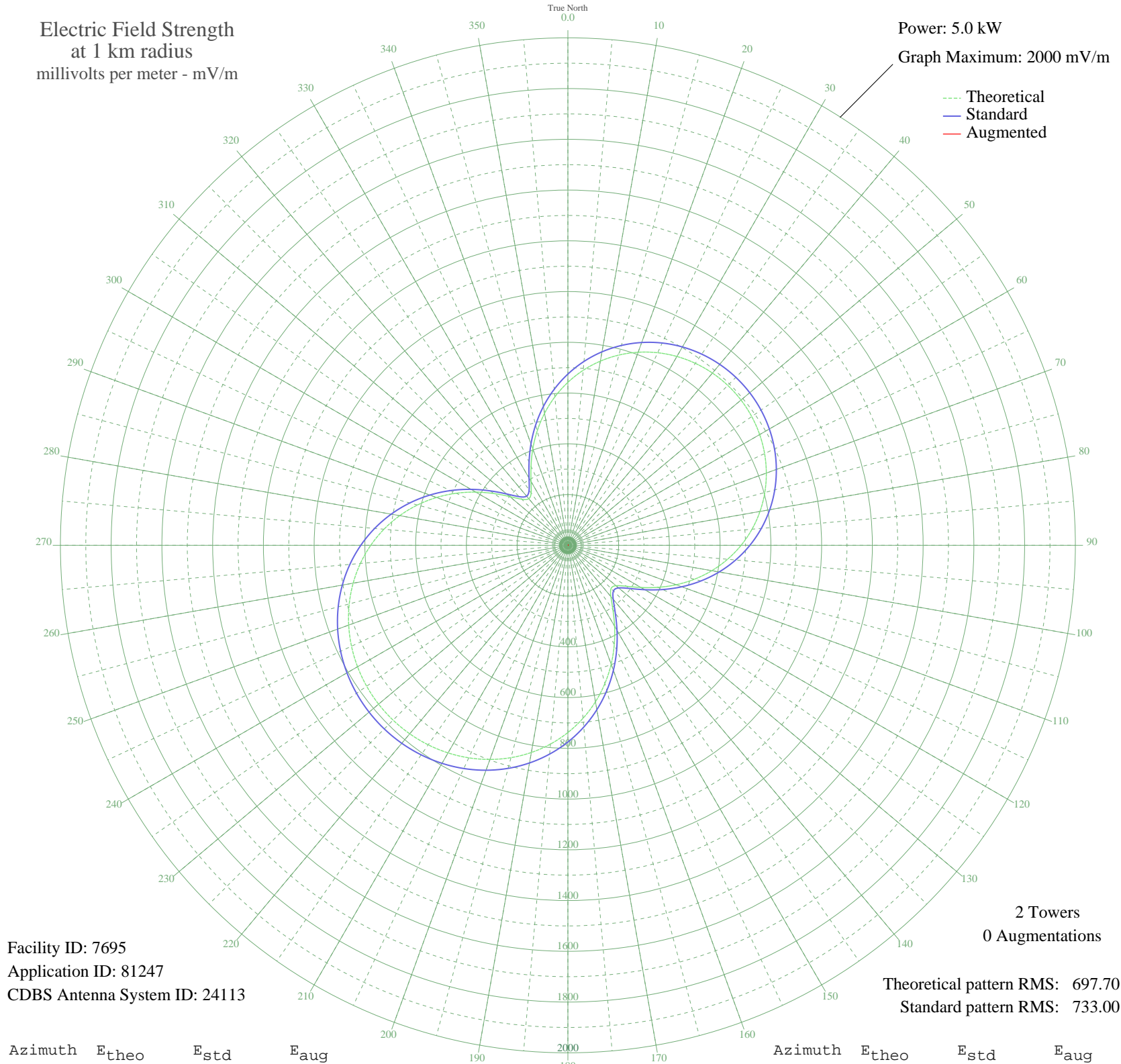
KUZZ BAKERSFIELD, CA BL-19850823AD 550 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 7695
Application ID: 81247
CDBS Antenna System ID: 24113

2 Towers
0 Augmentations

Theoretical pattern RMS: 697.70
Standard pattern RMS: 733.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	642.26	674.85	
5	692.29	727.35	
10	737.04	774.31	
15	776.22	815.43	
20	809.69	850.55	
25	837.39	879.63	
30	859.35	902.68	
35	875.61	919.75	
40	886.23	930.89	
45	891.24	936.16	
50	890.69	935.57	
55	884.55	929.13	
60	872.81	916.81	
65	855.42	898.55	
70	832.31	874.30	
75	803.45	844.01	
80	768.84	807.68	
85	728.53	765.38	
90	682.69	717.28	
95	631.65	663.73	
100	575.95	605.28	
105	516.42	542.84	
110	454.37	477.78	
115	391.89	412.28	
120	332.33	349.88	
125	281.31	296.49	
130	247.57	261.21	
135	240.73	254.06	
140	263.63	277.99	
145	309.24	325.70	
150	367.89	387.13	
155	432.49	454.84	
160	498.68	524.24	
165	563.76	592.50	
170	626.01	657.80	
175	684.29	718.95	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	737.85	775.16	
185	786.21	825.91	
190	829.09	870.92	
195	866.36	910.04	
200	898.00	943.25	
205	924.06	970.60	
210	944.62	992.18	
215	959.79	1008.10	
220	969.67	1018.47	
225	974.33	1023.37	
230	973.82	1022.83	
235	968.11	1016.84	
240	957.18	1005.37	
245	940.94	988.32	
250	919.29	965.59	
255	892.12	937.08	
260	859.36	902.69	
265	820.96	862.39	
270	776.97	816.22	
275	727.54	764.34	
280	672.99	707.10	
285	613.84	645.04	
290	550.92	579.04	
295	485.46	510.38	
300	419.33	441.04	
305	355.50	374.15	
310	298.79	314.77	
315	256.92	270.97	
320	239.65	252.93	
325	252.44	266.29	
330	290.46	306.05	
335	343.78	361.87	
340	404.28	425.27	
345	466.90	490.91	
350	528.57	555.59	
355	587.43	617.33	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission