

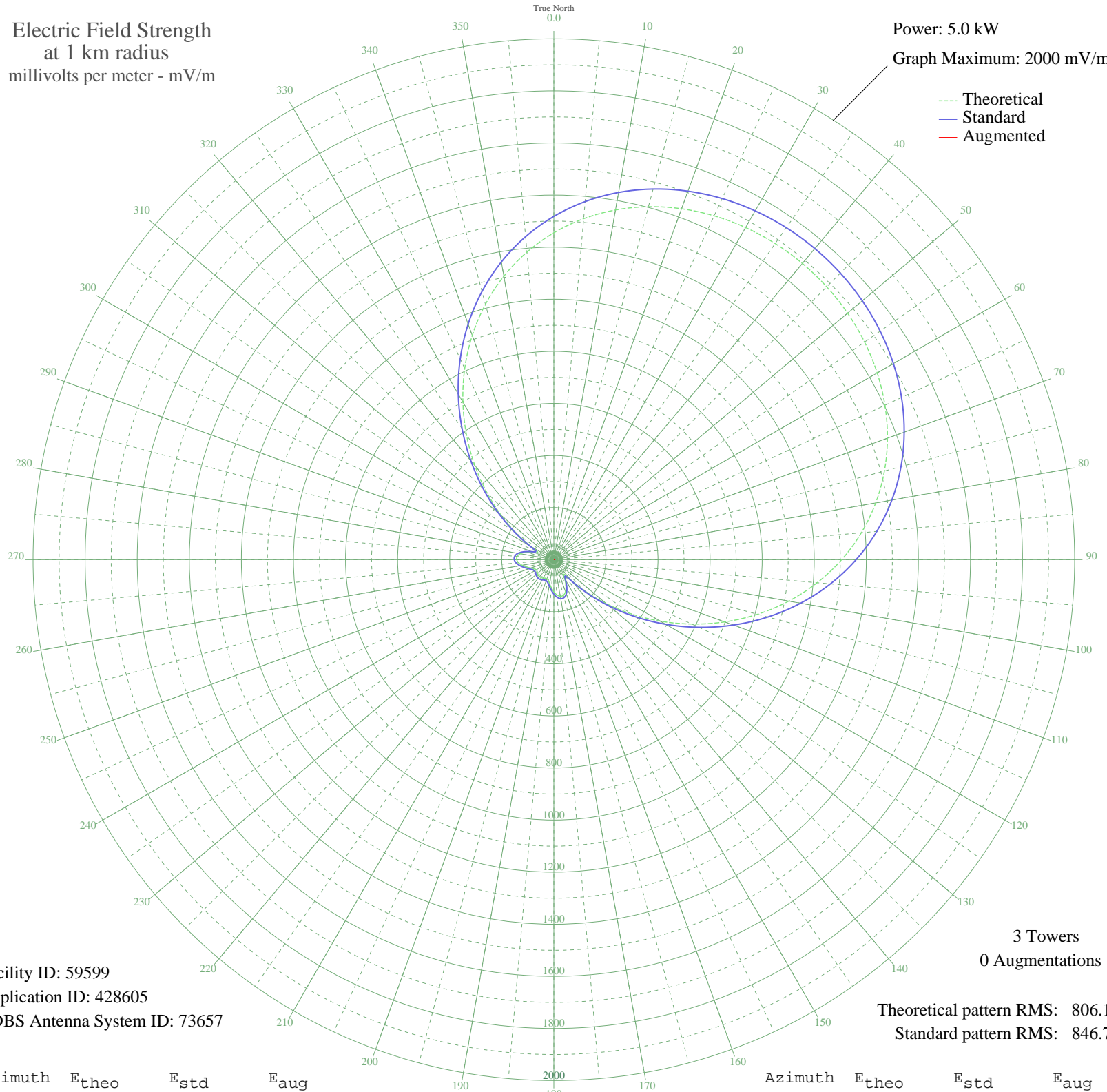
# KTKZ SACRAMENTO, CA BL-19991215AAM 1380 kHz

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: 59599  
Application ID: 428605  
CDBS Antenna System ID: 73657

3 Towers  
0 Augmentations

Theoretical pattern RMS: 806.10  
Standard pattern RMS: 846.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1255.14	1318.15	
5	1314.34	1380.30	
10	1363.41	1431.82	
15	1402.99	1473.37	
20	1433.86	1505.78	
25	1456.82	1529.88	
30	1472.62	1546.47	
35	1481.85	1556.15	
40	1484.88	1559.34	
45	1481.85	1556.15	
50	1472.62	1546.47	
55	1456.82	1529.88	
60	1433.86	1505.78	
65	1403.00	1473.37	
70	1363.42	1431.82	
75	1314.34	1380.30	
80	1255.14	1318.15	
85	1185.45	1244.99	
90	1105.29	1160.84	
95	1015.17	1066.24	
100	916.14	962.29	
105	809.85	850.74	
110	698.52	733.90	
115	584.84	614.62	
120	471.89	496.16	
125	363.04	382.07	
130	261.84	276.15	
135	172.42	182.88	
140	101.59	109.76	
145	67.33	75.28	
150	81.78	89.68	
155	109.57	117.93	
160	130.74	139.70	
165	141.66	150.97	
170	142.76	152.11	
175	135.86	144.98	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	123.42	132.15	
185	108.35	116.67	
190	93.85	101.89	
195	83.07	90.98	
200	78.03	85.92	
205	78.33	86.22	
210	81.43	89.33	
215	84.51	92.43	
220	85.74	93.67	
225	84.51	92.43	
230	81.43	89.33	
235	78.33	86.22	
240	78.03	85.92	
245	83.07	90.98	
250	93.85	101.89	
255	108.35	116.67	
260	123.42	132.15	
265	135.86	144.98	
270	142.76	152.11	
275	141.66	150.97	
280	130.74	139.70	
285	109.57	117.93	
290	81.78	89.68	
295	67.33	75.28	
300	101.59	109.76	
305	172.42	182.88	
310	261.84	276.15	
315	363.04	382.07	
320	471.89	496.16	
325	584.84	614.62	
330	698.52	733.90	
335	809.85	850.74	
340	916.14	962.29	
345	1015.17	1066.24	
350	1105.29	1160.84	
355	1185.45	1244.99	

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