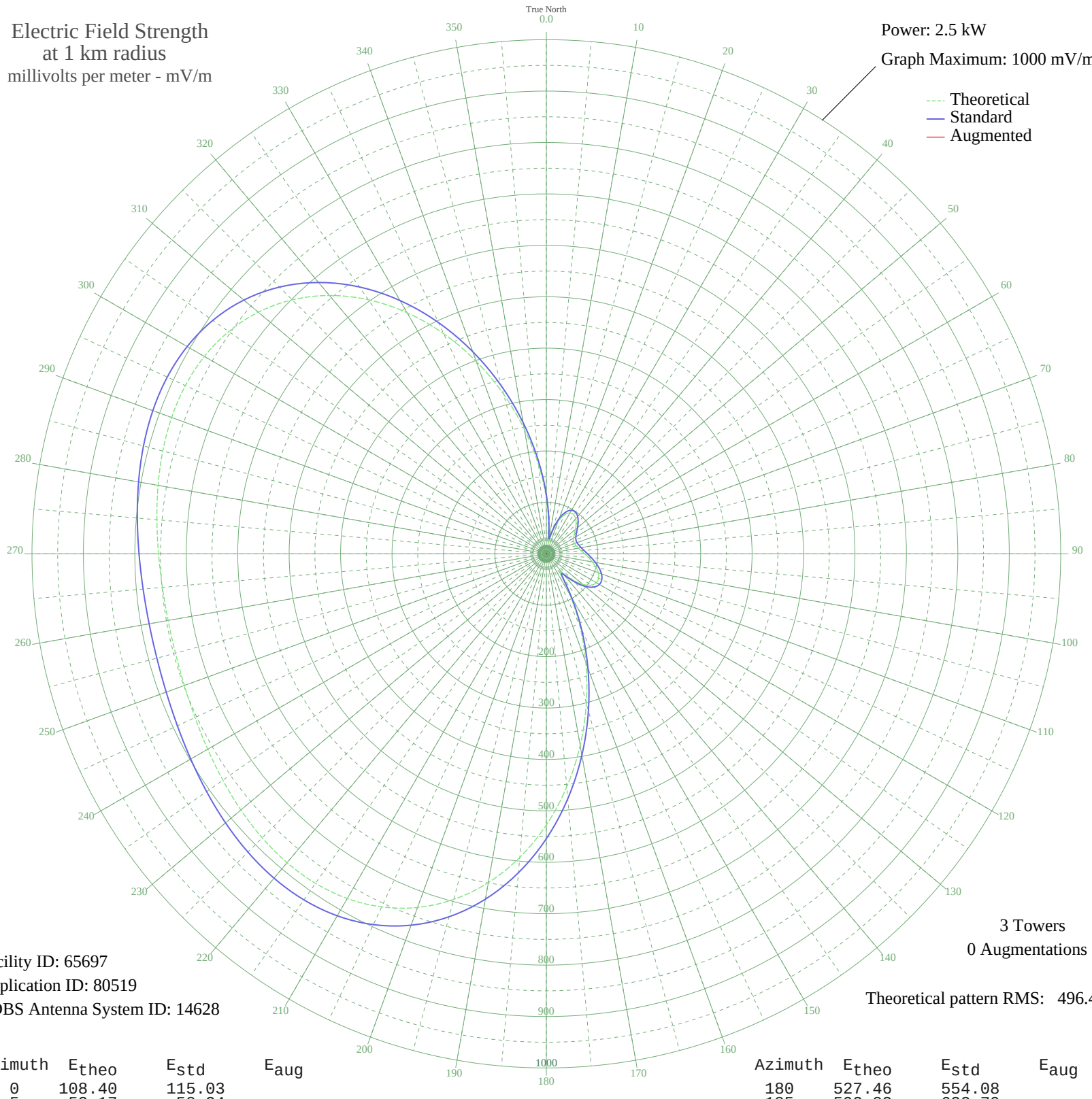
KLLK WILLITS, CA BL-19850729AI 1250 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 65697
Application ID: 80519
CDBS Antenna System ID: 14628

Theoretical pattern RMS: 496.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	108.40	115.03	
5	53.17	58.24	
10	22.58	28.94	
15	43.56	48.65	
20	67.87	73.17	
25	83.92	89.66	
30	91.76	97.77	
35	92.79	98.83	
40	88.81	94.72	
45	81.80	87.48	
50	73.72	79.17	
55	66.36	71.63	
60	61.05	66.22	
65	58.43	63.55	
70	58.33	63.46	
75	60.19	65.35	
80	63.57	68.78	
85	68.33	73.65	
90	74.58	80.04	
95	82.26	87.95	
100	90.97	96.95	
105	99.81	106.11	
110	107.43	114.01	
115	112.19	118.96	
120	112.34	119.11	
125	106.19	112.73	
130	92.49	98.53	
135	71.24	76.63	
140	47.71	52.77	
145	49.45	54.51	
150	92.29	98.32	
155	153.67	162.21	
160	224.48	236.29	
165	300.59	316.06	
170	378.58	397.85	
175	455.19	478.24	
180	527.46	554.08	
185	592.83	622.70	
190	649.39	682.06	
195	695.91	730.89	
200	731.94	768.71	
205	757.72	795.78	
210	774.11	812.99	
215	782.41	821.70	
220	784.22	823.60	
225	781.25	820.48	
230	775.23	814.16	
235	767.74	806.30	
240	760.15	798.33	
245	753.58	791.43	
250	748.84	786.46	
255	746.46	783.95	
260	746.64	784.14	
265	749.28	786.92	
270	753.99	791.86	
275	760.06	798.23	
280	766.49	804.99	
285	772.03	810.81	
290	775.19	814.12	
295	774.31	813.20	
300	767.70	806.26	
305	753.74	791.60	
310	731.02	767.75	
315	698.56	733.67	
320	655.88	688.88	
325	603.21	633.59	
330	541.49	568.81	
335	472.39	496.28	
340	398.19	418.43	
345	321.67	338.16	
350	245.85	258.68	
355	173.78	183.22	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission