

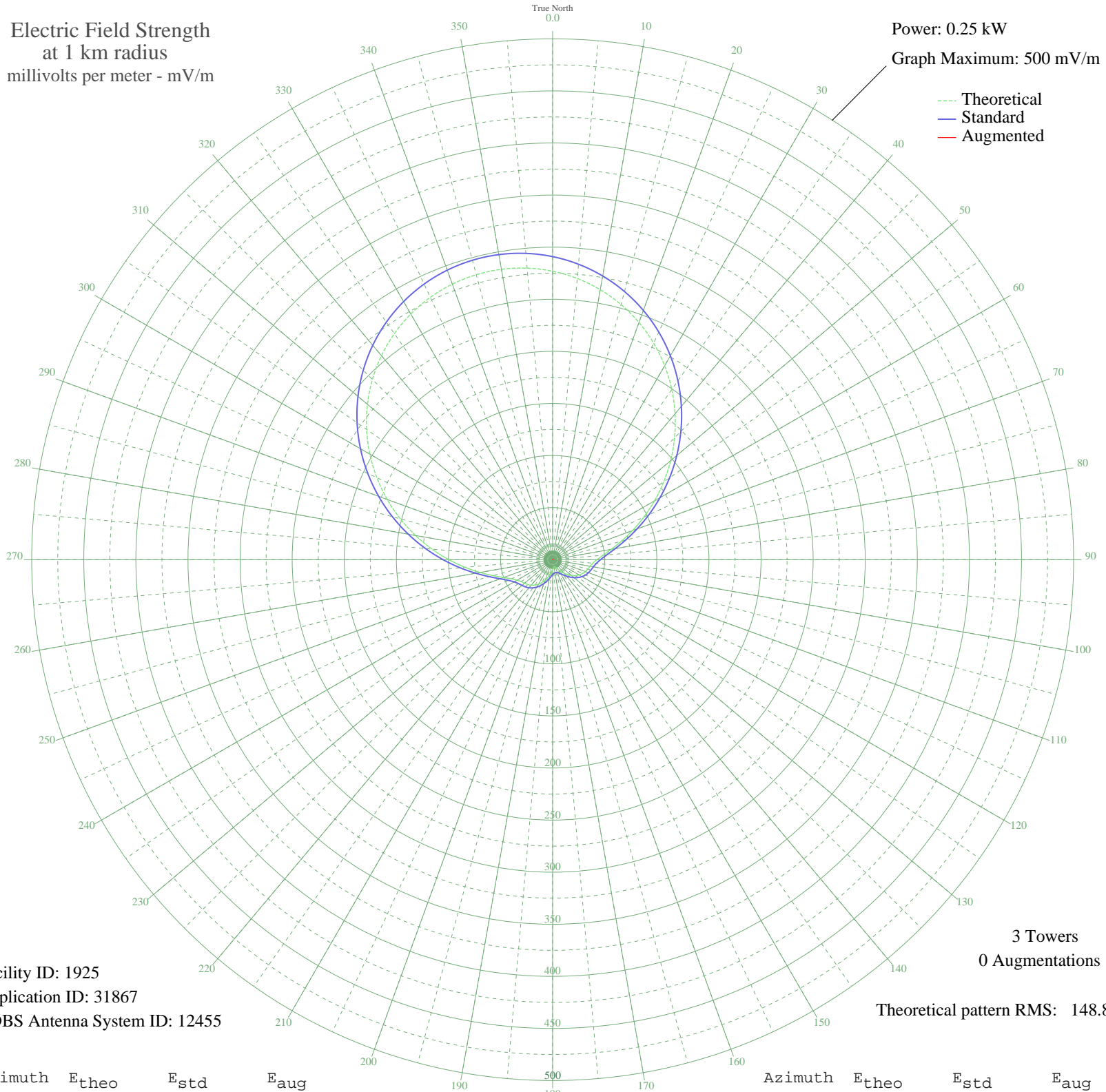
# KWKU POMONA, CA BL-19810630AG 1220 kHz

Daytime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 1925  
Application ID: 31867  
CDBS Antenna System ID: 12455

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 148.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	276.88	290.91	
5	270.95	284.70	
10	263.17	276.53	
15	253.58	266.47	
20	242.27	254.60	
25	229.36	241.05	
30	214.99	225.99	
35	199.38	209.61	
40	182.76	192.19	
45	165.44	174.03	
50	147.75	155.49	
55	130.08	136.99	
60	112.84	118.95	
65	96.48	101.84	
70	81.45	86.16	
75	68.20	72.37	
80	57.15	60.92	
85	48.60	52.10	
90	42.58	45.93	
95	38.77	42.04	
100	36.47	39.70	
105	34.89	38.11	
110	33.40	36.61	
115	31.61	34.81	
120	29.34	32.55	
125	26.61	29.85	
130	23.51	26.83	
135	20.22	23.69	
140	16.94	20.65	
145	13.86	17.94	
150	11.17	15.74	
155	9.03	14.14	
160	7.56	13.16	
165	6.84	12.72	
170	6.92	12.77	
175	7.79	13.31	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	9.40	14.41	
185	11.67	16.13	
190	14.45	18.45	
195	17.59	21.24	
200	20.89	24.31	
205	24.15	27.45	
210	27.19	30.42	
215	29.84	33.04	
220	32.00	35.21	
225	33.72	36.93	
230	35.18	38.40	
235	36.84	40.08	
240	39.38	42.67	
245	43.59	46.96	
250	50.10	53.64	
255	59.17	63.01	
260	70.68	74.96	
265	84.32	89.16	
270	99.66	105.17	
275	116.23	122.49	
280	133.59	140.66	
285	151.30	159.21	
290	168.94	177.70	
295	186.15	195.74	
300	202.59	212.98	
305	217.97	229.11	
310	232.06	243.89	
315	244.67	257.12	
320	255.64	268.63	
325	264.87	278.32	
330	272.29	286.10	
335	277.84	291.92	
340	281.49	295.75	
345	283.22	297.57	
350	283.03	297.36	
355	280.91	295.14	