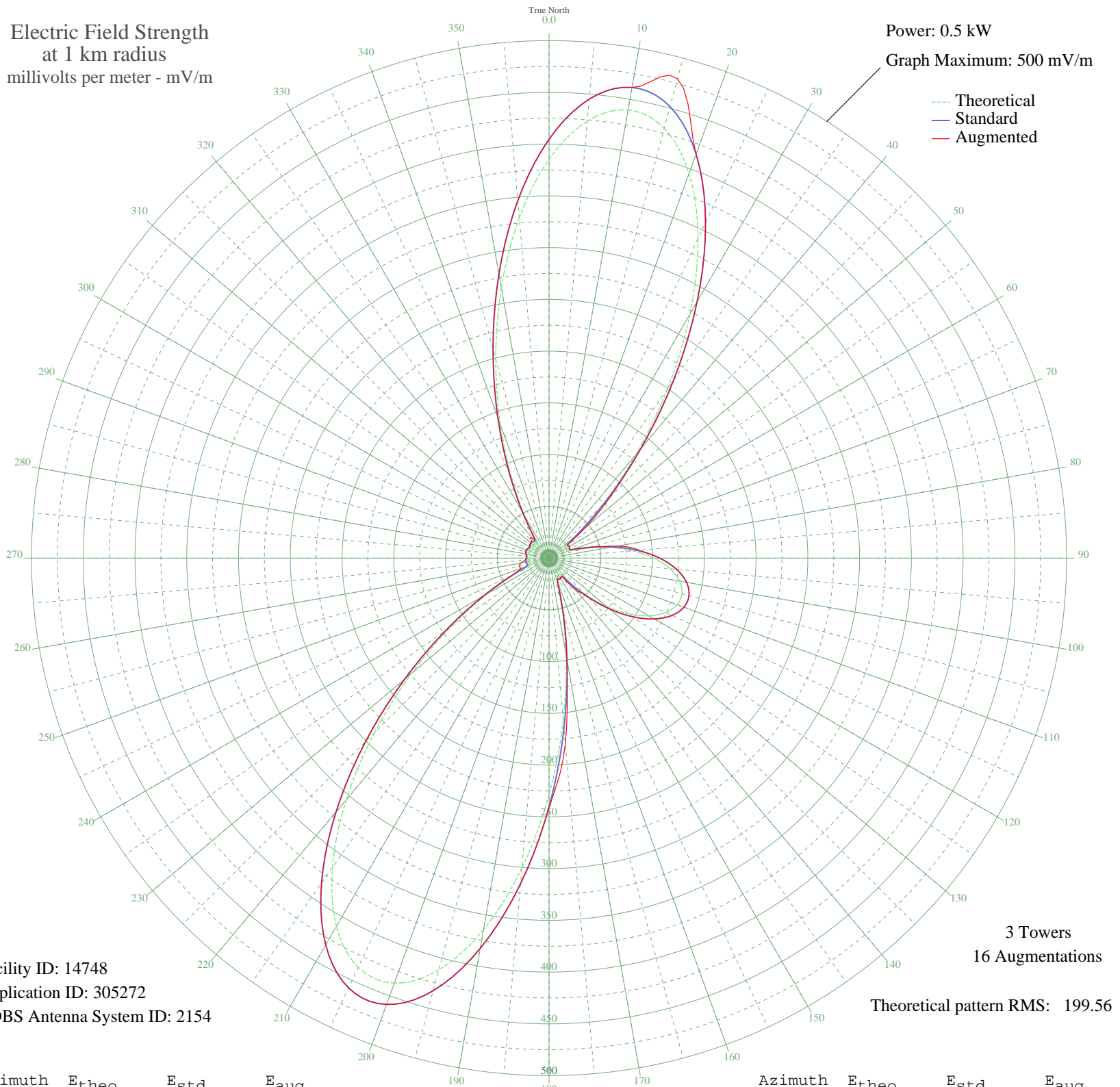


# KWKA CLOVIS, NM BL-- 680 kHz

Unlimited Time

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 14748  
Application ID: 305272  
CDBS Antenna System ID: 2154

3 Towers  
16 Augmentations  
Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	385.29	404.69	404.69
5	423.80	445.11	445.11
10	439.66	461.76	461.76
15	429.97	451.59	479.52
20	395.48	415.38	415.38
25	340.53	357.71	357.71
30	272.30	286.11	286.11
35	199.46	209.70	209.70
40	130.63	137.56	137.72
45	73.13	77.50	83.67
50	32.99	36.19	46.00
55	17.84	21.47	21.47
60	19.35	22.87	22.87
65	18.06	21.68	21.68
70	21.01	24.43	24.43
75	36.78	40.02	40.02
80	58.63	62.45	66.50
85	81.11	85.81	87.41
90	101.28	106.86	106.86
95	117.29	123.60	123.60
100	128.04	134.85	134.85
105	132.92	139.96	139.96
110	131.70	138.68	138.68
115	124.42	131.06	131.06
120	111.47	117.51	117.51
125	93.63	98.87	98.87
130	72.26	76.60	76.60
135	49.59	53.11	53.11
140	29.30	32.50	40.23
145	18.28	21.88	21.88
150	18.92	22.47	22.47
155	18.65	22.22	22.22
160	20.44	23.89	23.89
165	46.56	50.00	50.00
170	94.37	99.64	99.64
175	157.17	165.37	180.14

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	228.58	240.24	241.36
185	300.65	315.85	315.85
190	364.55	382.92	382.92
195	412.05	432.78	432.78
200	436.95	458.92	458.92
205	436.29	458.23	458.23
210	410.84	431.51	431.51
215	364.78	383.16	383.16
220	304.74	320.15	320.15
225	238.45	250.59	250.59
230	173.32	182.29	182.29
235	115.40	121.62	121.62
240	68.80	73.00	73.00
245	36.09	39.32	40.10
250	19.72	23.21	29.28
255	18.12	21.73	29.83
260	19.38	22.90	27.33
265	18.90	22.45	23.19
270	17.90	21.53	21.95
275	17.91	21.54	22.26
280	18.85	22.40	22.71
285	19.58	23.09	23.67
290	19.38	22.90	23.41
295	18.43	22.02	22.67
300	17.75	21.39	21.63
305	18.24	21.84	22.85
310	19.27	22.79	23.16
315	19.05	22.59	24.05
320	17.74	21.39	24.51
325	24.12	27.42	27.42
330	47.37	50.84	50.84
335	85.89	90.80	90.80
340	137.40	144.65	144.65
345	198.81	209.01	209.01
350	265.22	278.68	278.68
355	329.95	346.60	346.60