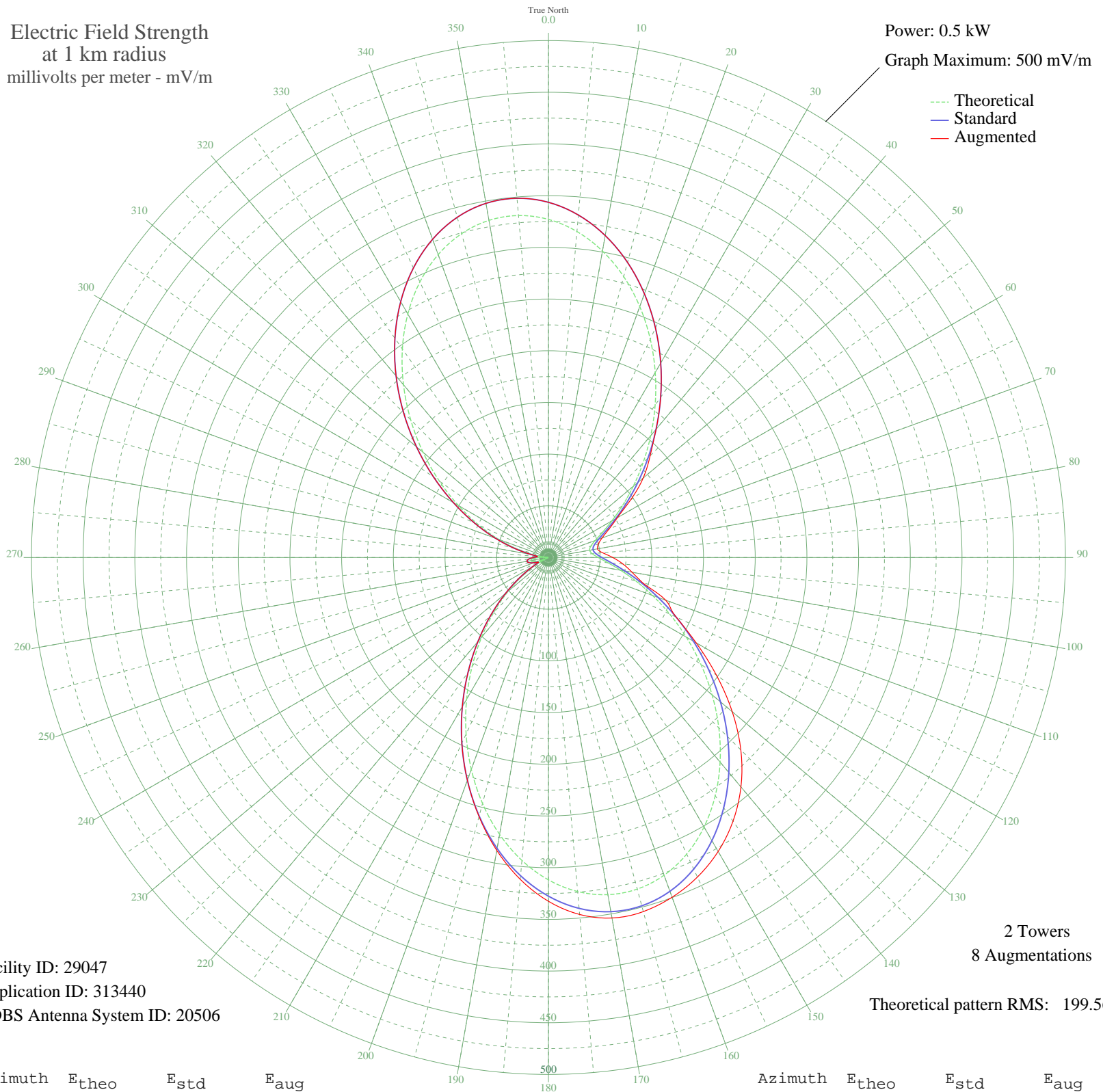


KIOL IOLA, KS BL-- 1370 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 29047
Application ID: 313440
CDBS Antenna System ID: 20506

2 Towers
8 Augmentations
Theoretical pattern RMS: 199.56

Azimuth	Etheo	Estd	Eaug
0	327.06	343.57	343.57
5	316.53	332.52	332.52
10	301.01	316.24	316.24
15	281.30	295.55	295.55
20	258.32	271.44	271.44
25	233.08	244.96	244.96
30	206.62	217.21	217.21
35	179.94	189.23	189.23
40	153.94	161.97	161.97
45	129.42	136.30	139.14
50	107.06	112.91	119.65
55	87.40	92.37	96.99
60	70.85	75.13	76.91
65	57.71	61.50	64.37
70	48.20	51.68	55.18
75	42.44	45.78	49.95
80	40.51	43.81	48.28
85	42.44	45.78	52.63
90	48.20	51.68	62.22
95	57.71	61.50	72.42
100	70.85	75.13	82.11
105	87.40	92.37	94.33
110	107.06	112.91	120.70
115	129.42	136.30	136.30
120	153.94	161.97	164.96
125	179.94	189.23	198.35
130	206.62	217.21	232.12
135	233.08	244.96	263.18
140	258.32	271.44	289.68
145	281.30	295.55	311.29
150	301.01	316.24	328.32
155	316.53	332.52	341.01
160	327.06	343.57	349.70
165	332.03	348.79	354.58
170	331.13	347.85	354.06
175	324.30	340.68	346.60

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	311.79	327.55	332.50
185	294.10	308.98	312.49
190	271.96	285.75	287.65
195	246.28	258.80	259.37
200	218.07	229.22	229.22
205	188.39	198.09	198.09
210	158.27	166.52	166.52
215	128.67	135.51	135.51
220	100.44	105.98	105.98
225	74.29	78.71	78.71
230	50.79	54.36	54.36
235	30.39	33.59	33.59
240	13.38	17.54	17.54
245	0.01	10.50	10.50
250	9.65	14.59	14.59
255	15.46	19.33	19.33
260	17.40	21.07	21.07
265	15.46	19.33	19.33
270	9.65	14.59	14.59
275	0.01	10.50	10.50
280	13.38	17.54	17.56
285	30.39	33.59	33.92
290	50.79	54.36	54.72
295	74.29	78.71	78.85
300	100.44	105.98	105.99
305	128.67	135.51	135.51
310	158.27	166.52	166.52
315	188.39	198.09	198.09
320	218.07	229.22	229.22
325	246.28	258.80	258.80
330	271.96	285.75	285.75
335	294.10	308.98	308.98
340	311.79	327.55	327.55
345	324.30	340.68	340.68
350	331.13	347.85	347.85
355	332.03	348.79	348.79