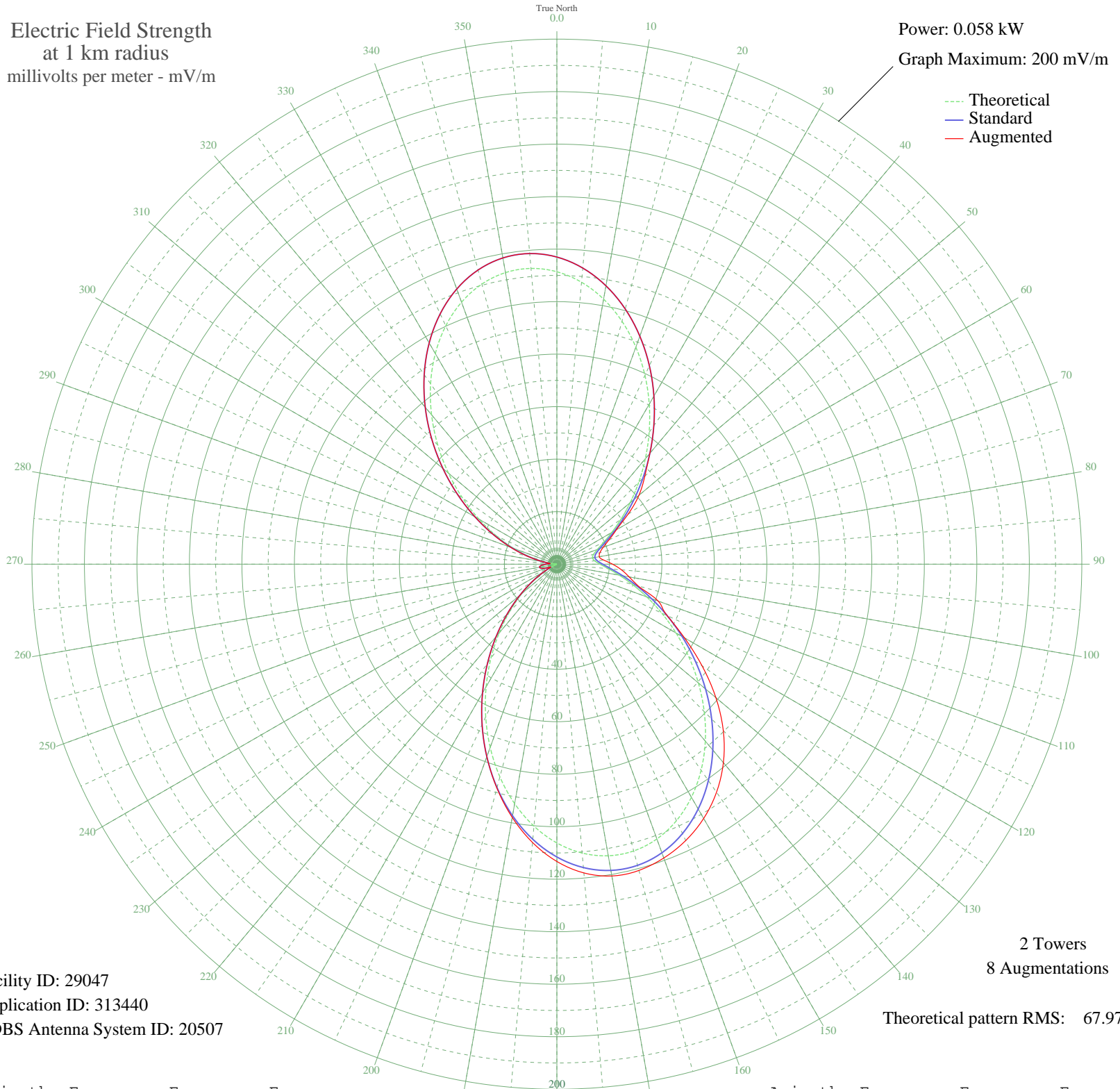


# KIOL IOLA, KS BL-- 1370 kHz

Nighttime

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

Power: 0.058 kW  
Graph Maximum: 200 mV/m



Facility ID: 29047  
Application ID: 313440  
CDBS Antenna System ID: 20507

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 67.97

Azimuth	Etheo	Estd	Eaug
0	111.40	116.99	116.99
5	107.81	113.23	113.23
10	102.52	107.68	107.68
15	95.81	100.63	100.63
20	87.98	92.42	92.42
25	79.39	83.40	83.40
30	70.38	73.94	73.94
35	61.29	64.40	64.40
40	52.43	55.11	55.11
45	44.08	46.35	47.38
50	36.47	38.37	40.80
55	29.77	31.36	33.04
60	24.13	25.46	26.15
65	19.66	20.79	21.90
70	16.42	17.42	18.76
75	14.45	15.39	16.97
80	13.80	14.71	16.40
85	14.45	15.39	17.91
90	16.42	17.42	21.21
95	19.66	20.79	24.70
100	24.13	25.46	27.96
105	29.77	31.36	32.06
110	36.47	38.37	41.10
115	44.08	46.35	46.35
120	52.43	55.11	56.14
125	61.29	64.40	67.54
130	70.38	73.94	79.07
135	79.39	83.40	89.67
140	87.98	92.42	98.70
145	95.81	100.63	106.05
150	102.52	107.68	111.85
155	107.81	113.23	116.16
160	111.40	116.99	119.11
165	113.09	118.77	120.78
170	112.78	118.45	120.60
175	110.46	116.01	118.06

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	106.19	111.53	113.25
185	100.17	105.21	106.42
190	92.63	97.29	97.95
195	83.88	88.11	88.31
200	74.27	78.03	78.03
205	64.17	67.42	67.42
210	53.91	56.66	56.66
215	43.83	46.09	46.09
220	34.21	36.01	36.01
225	25.30	26.69	26.69
230	17.30	18.34	18.34
235	10.35	11.16	11.16
240	4.56	5.41	5.41
245	0.00	2.53	2.53
250	3.29	4.28	4.28
255	5.26	6.08	6.08
260	5.93	6.72	6.72
265	5.26	6.08	6.08
270	3.29	4.28	4.28
275	0.00	2.53	2.53
280	4.56	5.41	5.43
285	10.35	11.16	11.41
290	17.30	18.34	18.61
295	25.30	26.69	26.79
300	34.21	36.01	36.01
305	43.83	46.09	46.09
310	53.91	56.66	56.66
315	64.17	67.42	67.42
320	74.27	78.03	78.03
325	83.88	88.11	88.11
330	92.63	97.29	97.29
335	100.17	105.21	105.21
340	106.19	111.53	111.53
345	110.46	116.01	116.01
350	112.78	118.45	118.45
355	113.09	118.77	118.77