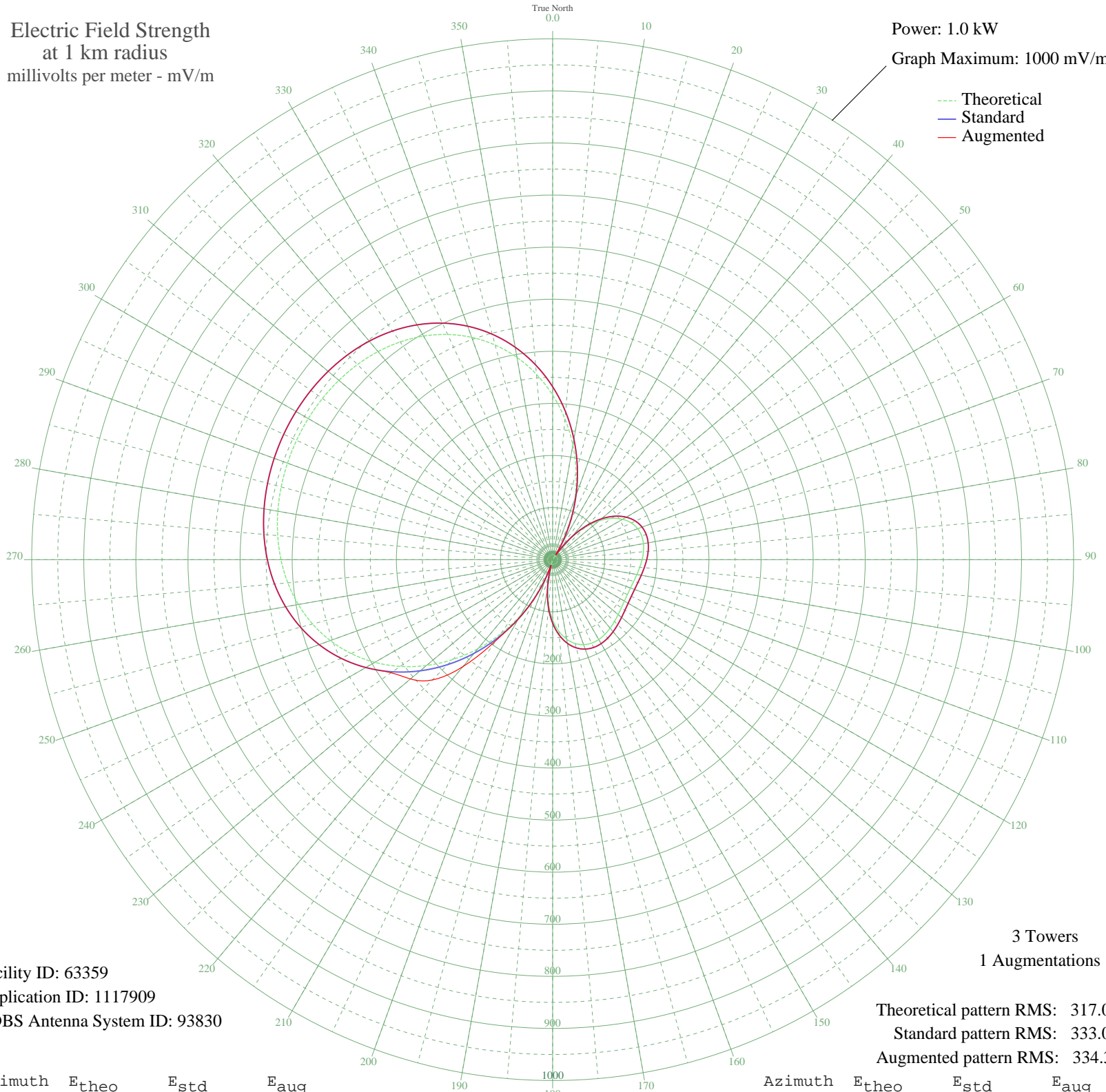


# KALE RICHLAND, WA 9L-20060302ADD 960 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 63359  
Application ID: 1117909  
CDBS Antenna System ID: 93830

3 Towers  
1 Augmentations

Theoretical pattern RMS: 317.04  
Standard pattern RMS: 333.06  
Augmented pattern RMS: 334.39

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	316.08	332.05	332.05
5	271.18	284.93	284.93
10	223.50	234.91	234.91
15	174.15	183.16	183.16
20	124.36	131.00	131.00
25	75.45	79.92	79.92
30	28.73	31.94	31.94
35	14.62	18.60	18.60
40	53.59	57.24	57.24
45	87.43	92.40	92.40
50	115.67	121.91	121.91
55	138.15	145.44	145.44
60	155.01	163.10	163.10
65	166.65	175.30	175.30
70	173.68	182.66	182.66
75	176.84	185.97	185.97
80	176.98	186.12	186.12
85	174.97	184.02	184.02
90	171.66	180.55	180.55
95	167.81	176.51	176.51
100	164.09	172.61	172.61
105	161.04	169.41	169.41
110	159.05	167.33	167.33
115	158.36	166.61	166.61
120	159.05	167.33	167.33
125	161.04	169.41	169.41
130	164.09	172.61	172.61
135	167.81	176.51	176.51
140	171.66	180.55	180.55
145	174.97	184.02	184.02
150	176.98	186.12	186.12
155	176.84	185.97	185.97
160	173.68	182.66	182.66
165	166.65	175.30	175.30
170	155.01	163.10	163.10
175	138.15	145.44	145.44

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	115.67	121.91	121.91
185	87.43	92.40	92.40
190	53.59	57.24	57.24
195	14.62	18.60	18.60
200	28.73	31.94	31.94
205	75.45	79.92	79.92
210	124.36	131.00	131.00
215	174.15	183.16	189.70
220	223.50	234.91	268.15
225	271.18	284.93	326.70
230	316.08	332.05	356.34
235	357.33	375.34	378.58
240	394.30	414.15	414.15
245	426.62	448.07	448.07
250	454.18	477.01	477.01
255	477.09	501.06	501.06
260	495.65	520.54	520.54
265	510.28	535.90	535.90
270	521.48	547.66	547.66
275	529.77	556.35	556.35
280	535.62	562.50	562.50
285	539.48	566.55	566.55
290	541.66	568.84	568.84
295	542.36	569.58	569.58
300	541.66	568.84	568.84
305	539.48	566.55	566.55
310	535.62	562.50	562.50
315	529.77	556.35	556.35
320	521.48	547.66	547.66
325	510.28	535.90	535.90
330	495.65	520.54	520.54
335	477.09	501.06	501.06
340	454.18	477.01	477.01
345	426.62	448.07	448.07
350	394.30	414.15	414.15
355	357.33	375.34	375.34