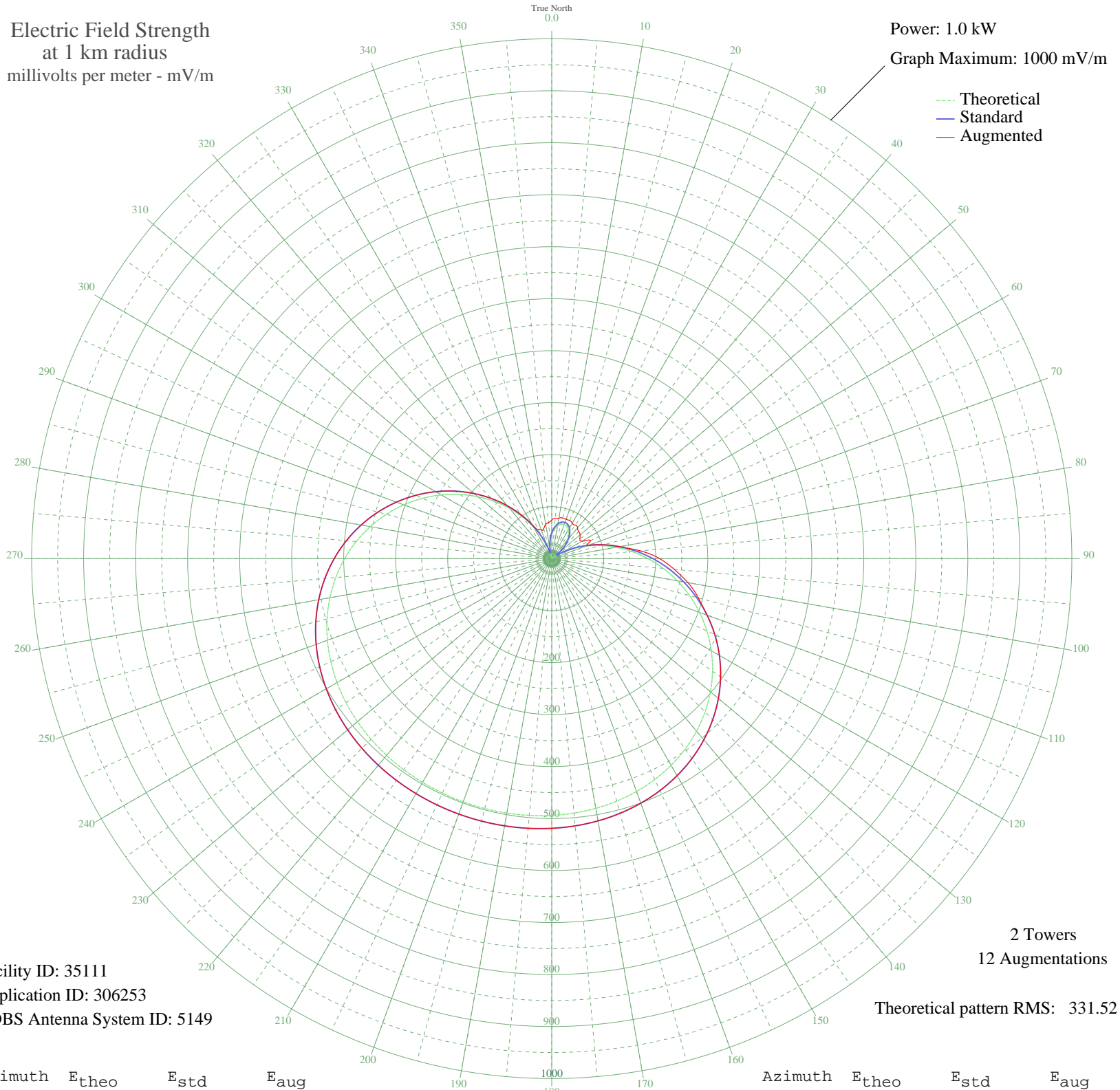


# KCHJ DELANO, CA BL-- 1010 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 35111  
Application ID: 306253  
CDBS Antenna System ID: 5149

2 Towers  
12 Augmentations  
Theoretical pattern RMS: 331.52

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	46.31	49.75	74.35
5	56.61	60.37	77.24
10	64.02	68.03	78.86
15	68.47	72.66	80.99
20	69.96	74.20	80.47
25	68.47	72.66	80.99
30	64.02	68.03	78.86
35	56.61	60.37	78.65
40	46.31	49.75	77.25
45	33.17	36.38	73.43
50	17.29	20.97	71.30
55	1.21	10.58	65.82
60	22.17	25.54	66.71
65	45.39	48.80	82.33
70	70.61	74.88	74.88
75	97.54	102.96	102.96
80	125.86	132.57	132.57
85	155.19	163.28	171.09
90	185.12	194.66	207.64
95	215.25	226.25	236.52
100	245.13	257.60	265.78
105	274.35	288.26	291.95
110	302.52	317.82	317.82
115	329.27	345.89	345.89
120	354.29	372.16	372.16
125	377.34	396.34	396.34
130	398.22	418.26	418.26
135	416.83	437.79	437.79
140	433.12	454.90	454.90
145	447.13	469.61	469.61
150	458.95	482.02	482.02
155	468.72	492.27	492.27
160	476.62	500.57	500.57
165	482.87	507.12	507.12
170	487.69	512.18	512.18
175	491.30	515.97	515.97

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	493.92	518.72	518.72
185	495.74	520.63	520.63
190	496.92	521.87	521.87
195	497.58	522.56	522.56
200	497.79	522.78	522.78
205	497.58	522.56	522.56
210	496.92	521.87	521.87
215	495.74	520.63	520.63
220	493.92	518.72	518.72
225	491.30	515.97	515.97
230	487.69	512.18	512.18
235	482.87	507.12	507.12
240	476.62	500.57	500.57
245	468.72	492.27	492.27
250	458.95	482.02	482.02
255	447.13	469.61	469.61
260	433.12	454.90	454.90
265	416.83	437.79	437.79
270	398.22	418.26	418.26
275	377.34	396.34	396.34
280	354.29	372.16	372.16
285	329.27	345.89	345.89
290	302.52	317.82	317.82
295	274.35	288.26	288.26
300	245.13	257.60	257.60
305	215.24	226.25	226.25
310	185.12	194.66	194.66
315	155.19	163.28	163.28
320	125.86	132.57	132.57
325	97.54	102.96	102.96
330	70.61	74.88	74.88
335	45.39	48.80	61.64
340	22.17	25.54	59.06
345	1.21	10.58	59.51
350	17.29	20.97	66.80
355	33.17	36.38	69.72