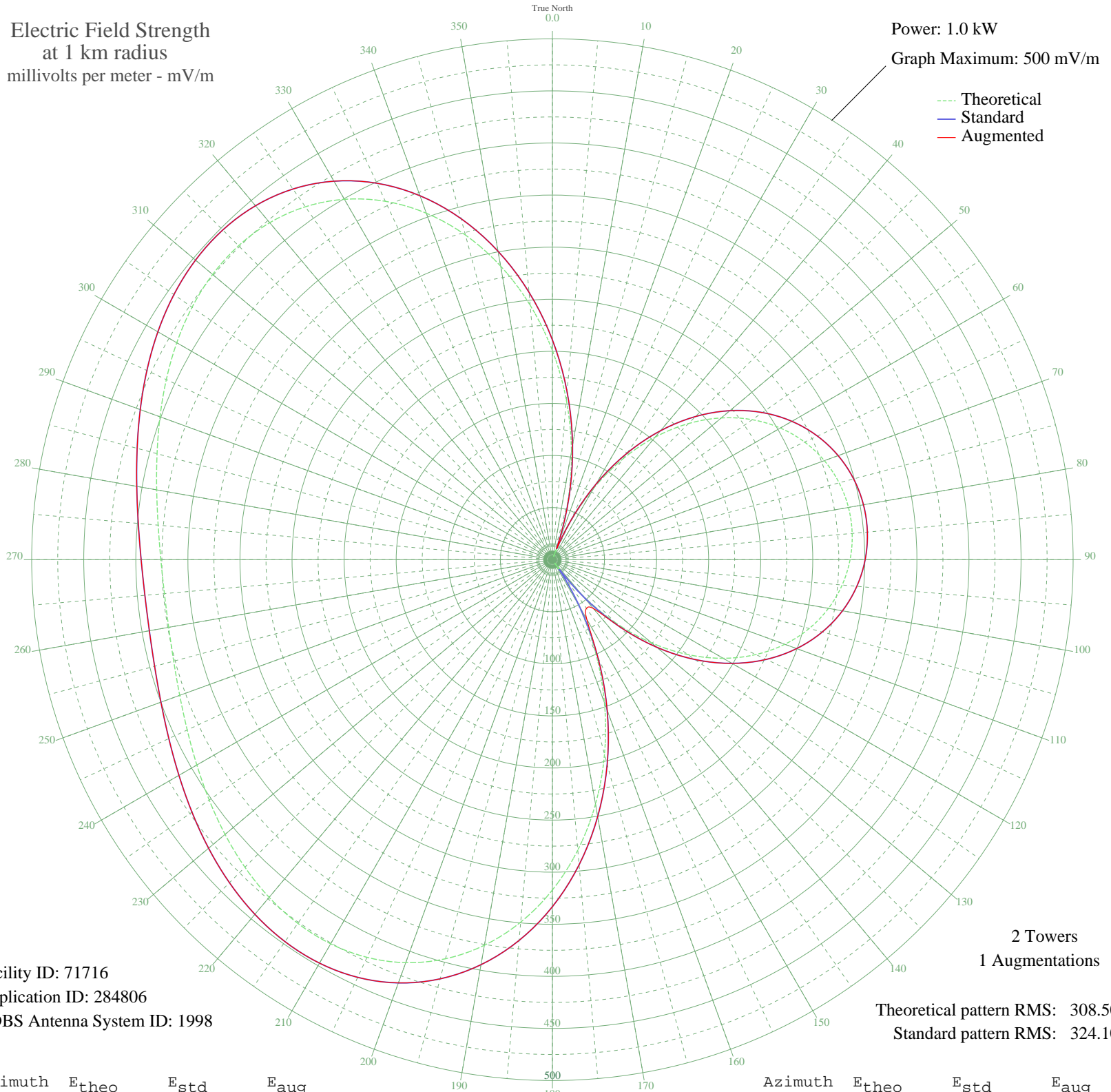


# KJUG TULARE, CA BL-19990506DC 1270 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 71716  
Application ID: 284806  
CDBS Antenna System ID: 1998

2 Towers  
1 Augmentations  
Theoretical pattern RMS: 308.50  
Standard pattern RMS: 324.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	200.71	211.01	211.01
5	153.74	161.76	161.76
10	105.44	111.21	111.21
15	57.01	60.78	60.78
20	9.95	14.81	14.81
25	36.28	39.52	39.52
30	78.95	83.56	83.56
35	118.23	124.58	124.58
40	153.59	161.61	161.61
45	184.77	194.30	194.30
50	211.66	222.49	222.49
55	234.27	246.21	246.21
60	252.73	265.57	265.57
65	267.22	280.77	280.77
70	277.93	292.01	292.01
75	285.04	299.47	299.47
80	288.69	303.31	303.31
85	288.96	303.59	303.59
90	285.85	300.33	300.33
95	279.30	293.45	293.45
100	269.18	282.83	282.83
105	255.31	268.28	268.28
110	237.50	249.59	249.59
115	215.56	226.58	226.58
120	189.37	199.11	199.11
125	158.87	167.14	167.14
130	124.16	130.79	130.79
135	85.48	90.37	90.37
140	43.31	46.67	61.15
145	3.78	11.22	57.00
150	49.34	52.86	65.99
155	97.67	103.09	103.09
160	146.07	153.73	153.73
165	193.33	203.27	203.27
170	238.30	250.44	250.44
175	279.88	294.06	294.06

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	317.12	333.15	333.15
185	349.29	366.90	366.90
190	375.87	394.80	394.80
195	396.65	416.61	416.61
200	411.66	432.38	432.38
205	421.22	442.40	442.40
210	425.83	447.25	447.25
215	426.21	447.64	447.64
220	423.15	444.43	444.43
225	417.55	438.55	438.55
230	410.30	430.95	430.95
235	402.27	422.51	422.51
240	394.23	414.08	414.08
245	386.90	406.38	406.38
250	380.83	400.01	400.01
255	376.48	395.44	395.44
260	374.13	392.98	392.98
265	373.96	392.79	392.79
270	375.96	394.90	394.90
275	380.01	399.15	399.15
280	385.83	405.26	405.26
285	393.00	412.78	412.78
290	400.96	421.14	421.14
295	409.05	429.63	429.63
300	416.48	437.43	437.43
305	422.40	443.65	443.65
310	425.92	447.34	447.34
315	426.16	447.59	447.59
320	422.27	443.51	443.51
325	413.55	434.35	434.35
330	399.43	419.54	419.54
335	379.59	398.71	398.71
340	353.92	371.77	371.77
345	322.63	338.92	338.92
350	286.15	300.64	300.64
355	245.21	257.68	257.68