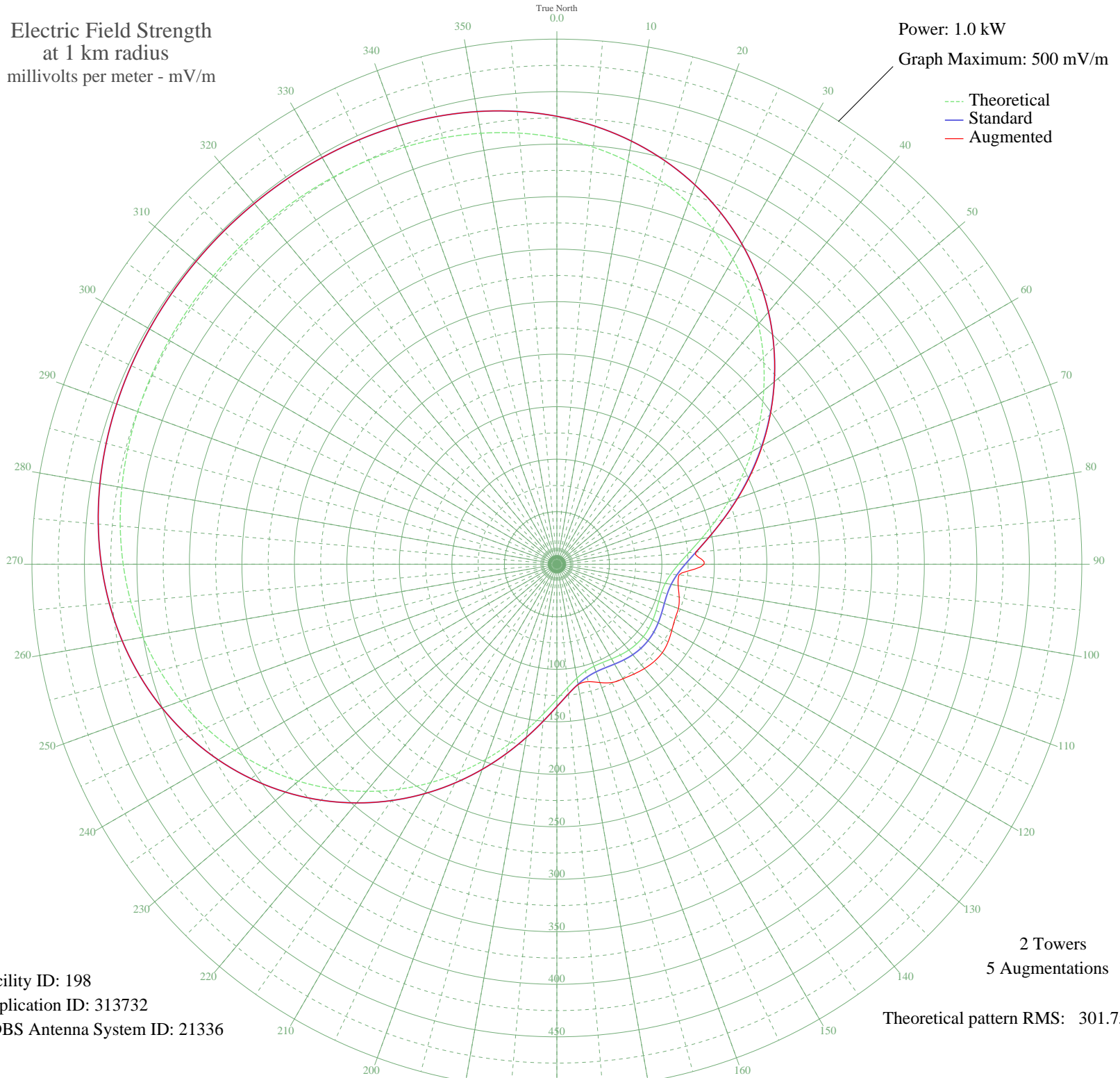


# KULY ULYSSES, KS BL-- 1420 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 198  
Application ID: 313732  
CDBS Antenna System ID: 21336

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 301.75

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	406.10	426.53	426.53
5	398.62	418.69	418.69
10	389.51	409.12	409.12
15	378.64	397.72	397.72
20	365.99	384.43	384.43
25	351.54	369.27	369.27
30	335.37	352.30	352.30
35	317.62	333.66	333.66
40	298.48	313.58	313.58
45	278.24	292.34	292.34
50	257.21	270.27	270.39
55	235.79	247.80	248.20
60	214.42	225.39	226.05
65	193.58	203.53	204.23
70	173.80	182.79	183.25
75	155.63	163.75	163.87
80	139.62	146.98	146.98
85	126.29	133.02	133.02
90	116.01	122.26	140.24
95	108.93	114.86	116.77
100	104.84	110.58	117.31
105	103.20	108.87	120.60
110	103.29	108.97	123.17
115	104.34	110.06	124.02
120	105.68	111.46	126.35
125	106.82	112.65	129.23
130	107.42	113.28	131.06
135	107.35	113.21	131.01
140	106.62	112.45	129.69
145	105.42	111.19	127.73
150	104.09	109.80	125.95
155	103.18	108.84	124.23
160	103.37	109.04	119.89
165	105.44	111.21	115.77
170	110.09	116.08	116.47
175	117.81	124.15	124.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	128.72	135.56	135.56
185	142.62	150.12	150.12
190	159.11	167.39	167.39
195	177.65	186.82	186.82
200	197.68	207.83	207.83
205	218.67	229.84	229.84
210	240.09	252.31	252.31
215	261.46	274.73	274.73
220	282.36	296.66	296.66
225	302.41	317.70	317.70
230	321.29	337.51	337.51
235	338.74	355.83	355.83
240	354.57	372.45	372.45
245	368.66	387.24	387.24
250	380.96	400.15	400.15
255	391.47	411.17	411.17
260	400.25	420.39	420.39
265	407.41	427.91	427.91
270	413.10	433.88	433.88
275	417.50	438.50	438.50
280	420.79	441.95	441.95
285	423.16	444.45	444.45
290	424.82	446.18	446.18
295	425.91	447.33	447.33
300	426.60	448.05	448.05
305	426.98	448.45	448.45
310	427.15	448.63	448.63
315	427.13	448.61	448.61
320	426.92	448.39	448.39
325	426.49	447.93	447.93
330	425.73	447.14	447.14
335	424.54	445.89	445.89
340	422.75	444.01	444.01
345	420.21	441.34	441.34
350	416.71	437.67	437.67
355	412.07	432.80	432.80

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission