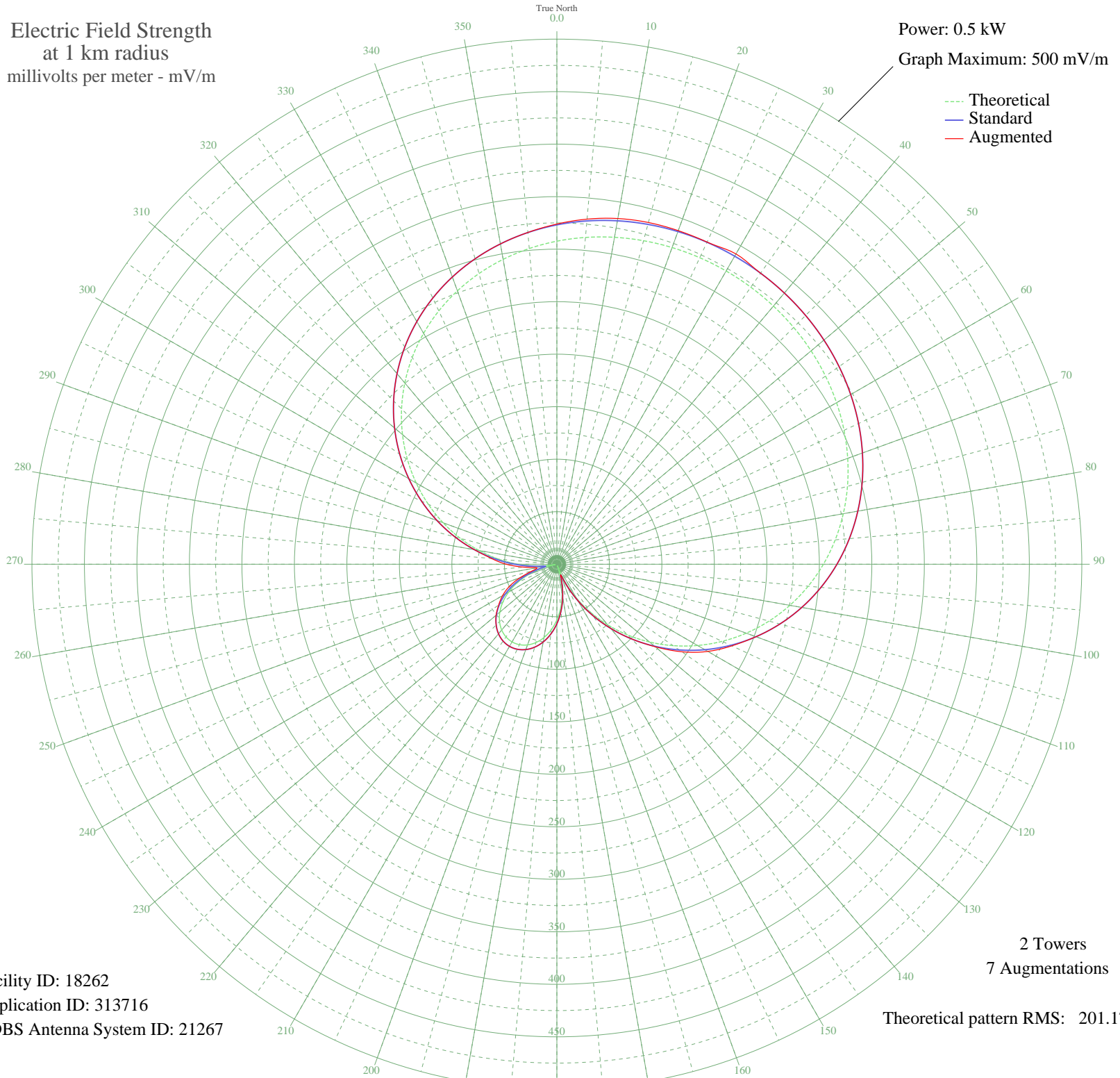


# KCUL MARSHALL, TX BL-- 1410 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 18262  
Application ID: 313716  
CDBS Antenna System ID: 21267

2 Towers  
7 Augmentations  
Theoretical pattern RMS: 201.17

Azimuth	Etheo	Estd	Eaug
0	307.61	323.16	323.94
5	312.35	328.14	329.86
10	316.10	332.07	334.26
15	318.92	335.03	336.87
20	320.89	337.09	338.03
25	322.04	338.31	338.46
30	322.43	338.71	341.18
35	322.04	338.31	338.31
40	320.89	337.09	337.09
45	318.92	335.03	335.03
50	316.10	332.07	332.07
55	312.35	328.14	328.14
60	307.61	323.16	323.16
65	301.78	317.05	317.05
70	294.79	309.71	309.71
75	286.56	301.07	301.07
80	277.02	291.06	291.06
85	266.14	279.64	279.64
90	253.88	266.78	266.78
95	240.27	252.51	252.51
100	225.36	236.86	236.86
105	209.21	219.92	219.92
110	191.95	201.82	201.82
115	173.72	182.71	183.92
120	154.72	162.79	166.04
125	135.14	142.29	145.34
130	115.22	121.44	122.16
135	95.19	100.50	100.50
140	75.30	79.76	79.76
145	55.79	59.51	59.51
150	36.89	40.13	40.13
155	18.82	22.38	22.38
160	1.78	10.66	10.66
165	14.07	18.12	18.12
170	28.56	31.78	31.78
175	41.58	44.91	44.91

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	53.03	56.66	56.66
185	62.82	66.79	66.79
190	70.89	75.18	75.18
195	77.21	81.75	81.75
200	81.75	86.47	86.47
205	84.47	89.32	89.32
210	85.38	90.27	90.27
215	84.47	89.32	89.32
220	81.75	86.47	86.47
225	77.21	81.75	81.75
230	70.89	75.18	75.64
235	62.82	66.79	67.67
240	53.03	56.66	59.70
245	41.58	44.91	49.89
250	28.56	31.78	36.93
255	14.07	18.12	24.00
260	1.78	10.66	19.31
265	18.82	22.38	31.47
270	36.89	40.13	48.28
275	55.79	59.51	62.47
280	75.30	79.76	79.76
285	95.19	100.50	100.50
290	115.22	121.44	121.44
295	135.14	142.29	142.29
300	154.72	162.79	162.79
305	173.72	182.71	182.71
310	191.95	201.82	201.82
315	209.21	219.92	219.92
320	225.36	236.86	236.86
325	240.27	252.51	252.51
330	253.88	266.78	266.78
335	266.14	279.64	279.64
340	277.02	291.06	291.06
345	286.56	301.07	301.07
350	294.79	309.71	309.71
355	301.78	317.05	317.12