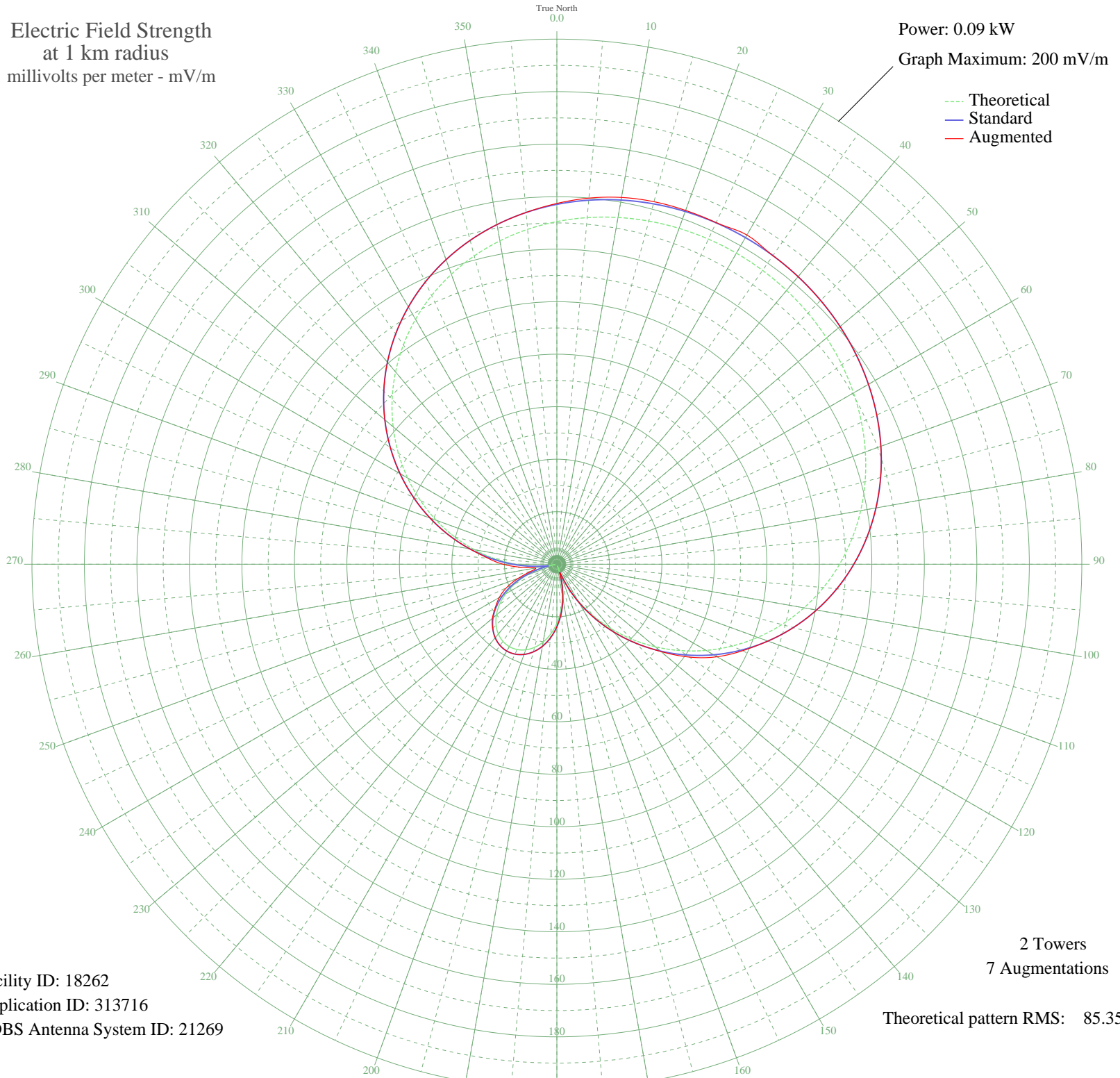


KCUL MARSHALL, TX BL-- 1410 kHz

Nighttime

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

Power: 0.09 kW
Graph Maximum: 200 mV/m



Facility ID: 18262
Application ID: 313716
CDBS Antenna System ID: 21269

2 Towers
7 Augmentations
Theoretical pattern RMS: 85.35

Azimuth	Etheo	Estd	Eaug
0	130.51	137.07	137.43
5	132.52	139.18	139.97
10	134.11	140.85	141.86
15	135.31	142.11	142.95
20	136.14	142.98	143.41
25	136.63	143.50	143.57
30	136.80	143.67	144.81
35	136.63	143.50	143.50
40	136.14	142.98	142.98
45	135.31	142.11	142.11
50	134.11	140.85	140.85
55	132.52	139.18	139.18
60	130.51	137.07	137.07
65	128.04	134.48	134.48
70	125.07	131.36	131.36
75	121.58	127.70	127.70
80	117.53	123.45	123.45
85	112.91	118.60	118.60
90	107.71	113.14	113.14
95	101.94	107.08	107.08
100	95.61	100.44	100.44
105	88.76	93.25	93.25
110	81.44	85.57	85.57
115	73.70	77.45	78.00
120	65.64	69.00	70.47
125	57.34	60.29	61.67
130	48.88	51.43	51.76
135	40.39	42.52	42.52
140	31.95	33.69	33.69
145	23.67	25.05	25.05
150	15.65	16.73	16.73
155	7.99	8.96	8.96
160	0.75	3.25	3.25
165	5.97	7.01	7.01
170	12.12	13.11	13.11
175	17.64	18.79	18.79

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

Azimuth	Etheo	Estd	Eaug
180	22.50	23.83	23.83
185	26.65	28.16	28.16
190	30.08	31.74	31.74
195	32.76	34.54	34.54
200	34.68	36.55	36.55
205	35.84	37.76	37.76
210	36.23	38.17	38.17
215	35.84	37.76	37.76
220	34.68	36.55	36.55
225	32.76	34.54	34.54
230	30.08	31.74	32.10
235	26.65	28.16	28.59
240	22.50	23.83	25.30
245	17.64	18.79	21.20
250	12.12	13.11	15.62
255	5.97	7.01	10.08
260	0.75	3.25	8.20
265	7.99	8.96	13.37
270	15.65	16.73	20.50
275	23.67	25.05	26.42
280	31.95	33.69	33.69
285	40.39	42.52	42.52
290	48.88	51.43	51.43
295	57.34	60.29	60.29
300	65.64	69.00	69.00
305	73.70	77.45	77.45
310	81.44	85.57	85.57
315	88.76	93.25	93.25
320	95.61	100.44	100.44
325	101.94	107.08	107.08
330	107.71	113.14	113.14
335	112.91	118.60	118.60
340	117.53	123.45	123.45
345	121.58	127.70	127.70
350	125.07	131.36	131.36
355	128.04	134.48	134.51