

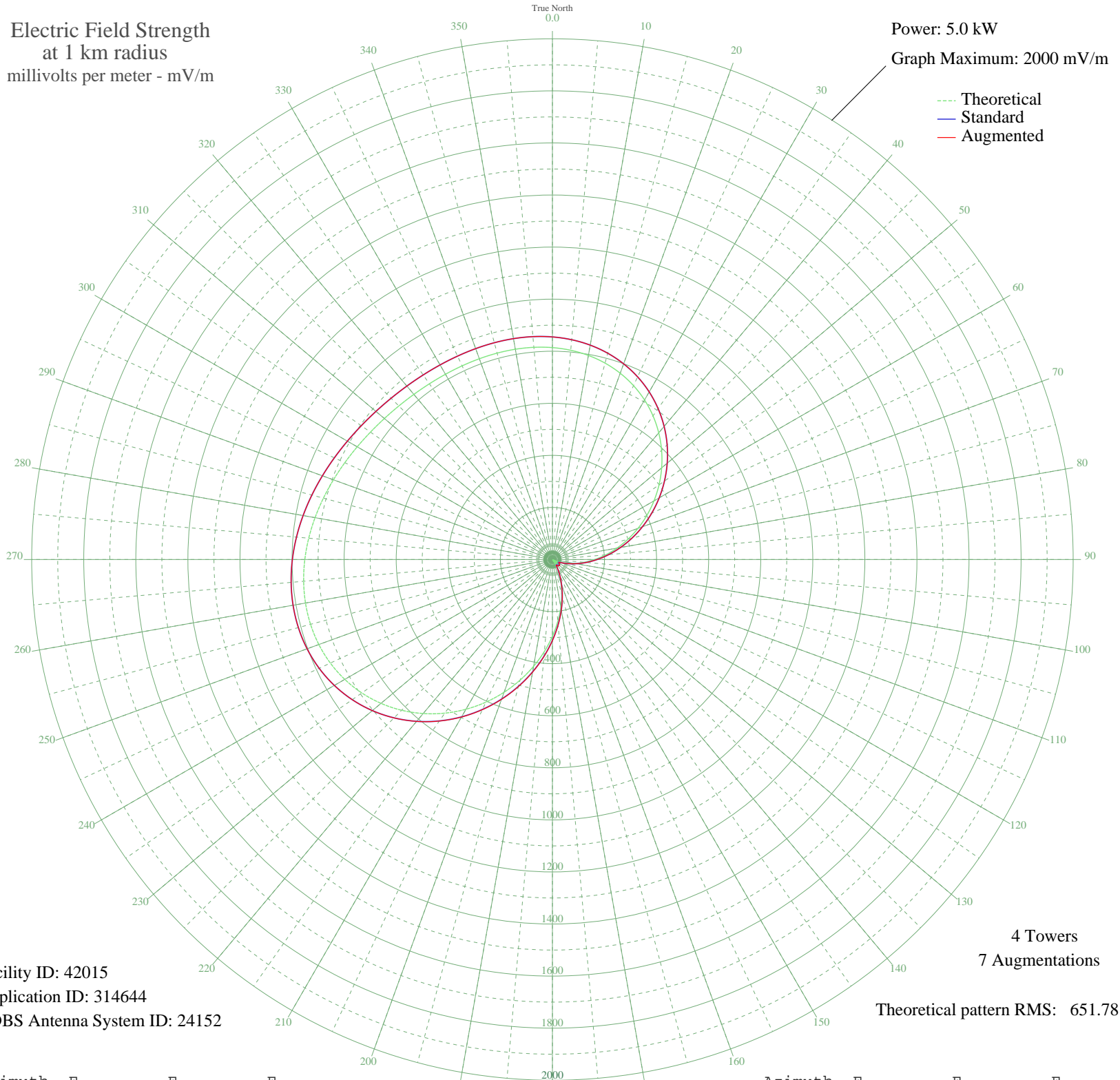
KCRS MIDLAND, TX BL-- 550 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 42015
Application ID: 314644
CDBS Antenna System ID: 24152

4 Towers
7 Augmentations
Theoretical pattern RMS: 651.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	813.92	854.94	854.94
5	806.77	847.44	847.44
10	795.98	836.11	836.11
15	780.98	820.36	820.36
20	761.36	799.78	799.78
25	736.91	774.11	774.11
30	707.59	743.34	743.34
35	673.57	707.64	707.64
40	635.21	667.38	667.38
45	593.01	623.10	623.10
50	547.63	575.49	575.49
55	499.80	525.32	525.32
60	450.33	473.43	473.43
65	400.01	420.67	420.67
70	349.64	367.87	367.87
75	299.98	315.85	315.85
80	251.73	265.36	265.36
85	205.57	217.12	217.12
90	162.10	171.82	171.82
95	121.92	130.15	130.15
100	85.57	92.87	92.87
105	53.58	60.97	60.97
110	26.45	36.37	36.37
115	4.64	23.98	26.50
120	11.42	26.36	30.08
125	21.37	32.48	33.04
130	24.90	35.14	35.95
135	21.78	32.77	33.98
140	11.86	26.57	29.92
145	4.91	24.04	25.89
150	28.46	38.00	38.59
155	58.63	65.89	67.26
160	95.14	102.62	102.62
165	137.59	146.37	146.54
170	185.46	196.14	196.63
175	238.09	251.10	251.91

Azimuth	E _{theo}	E _{std}	E _{aug}
180	294.74	310.36	311.42
185	354.51	372.98	374.20
190	416.46	437.91	439.20
195	479.51	504.03	505.29
200	542.56	570.17	571.33
205	604.47	635.13	636.13
210	664.10	697.70	698.51
215	720.37	756.75	757.35
220	772.25	811.21	811.61
225	818.87	860.14	860.37
230	859.50	902.78	902.89
235	893.59	938.57	938.59
240	920.84	967.17	967.17
245	941.15	988.49	988.49
250	954.67	1002.68	1002.68
255	961.76	1010.12	1010.12
260	962.99	1011.41	1011.41
265	959.10	1007.33	1007.33
270	950.97	998.79	998.79
275	939.52	986.78	986.78
280	925.75	972.33	972.33
285	910.63	956.45	956.45
290	895.06	940.10	940.10
295	879.85	924.14	924.14
300	865.69	909.28	909.28
305	853.12	896.09	896.09
310	842.53	884.97	884.97
315	834.13	876.15	876.15
320	827.95	869.67	869.67
325	823.87	865.38	865.38
330	821.60	863.00	863.00
335	820.70	862.06	862.06
340	820.61	861.96	861.96
345	820.66	862.01	862.01
350	820.09	861.41	861.41
355	818.11	859.34	859.34

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission