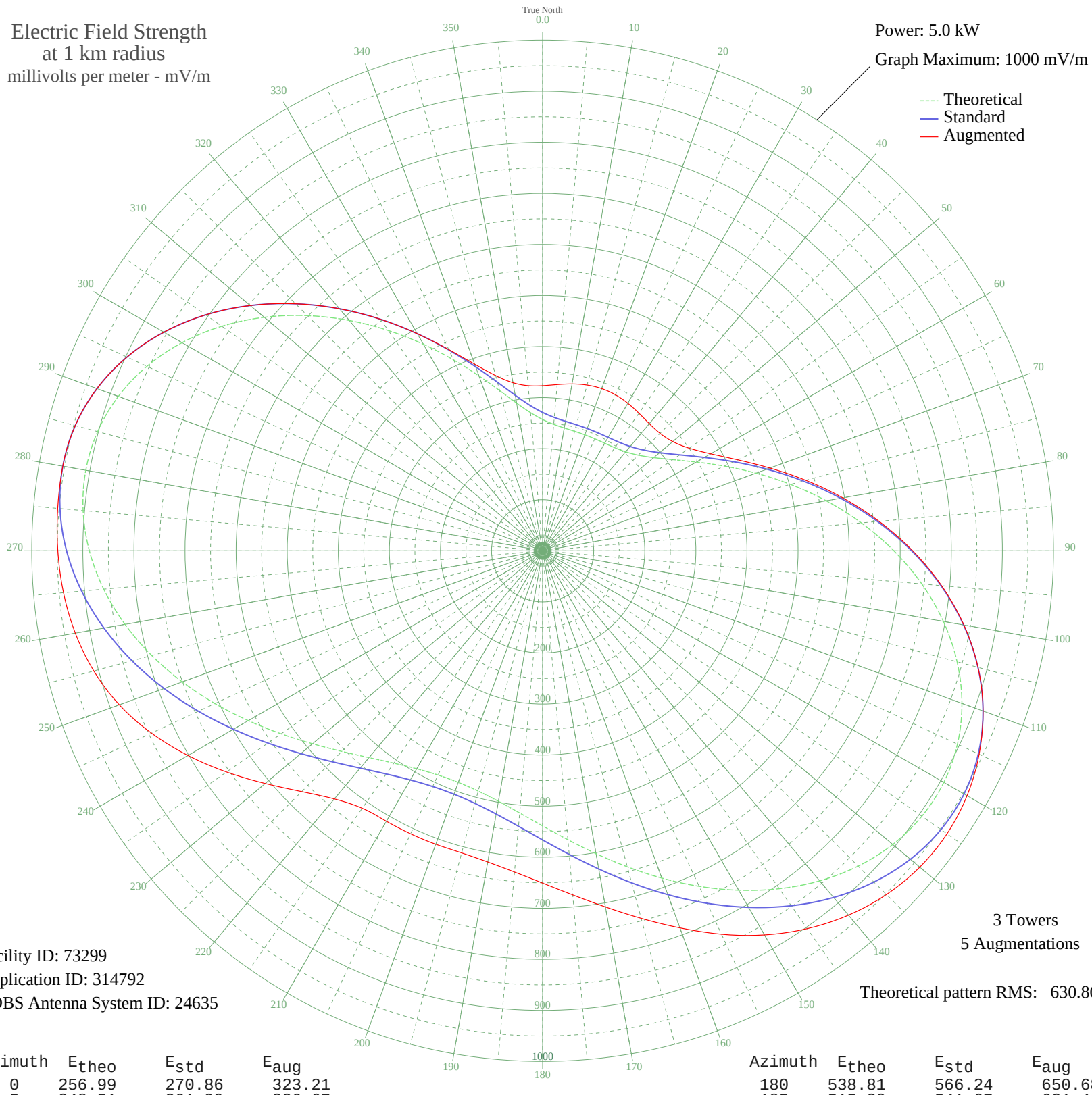
KJSL ST. LOUIS, MO BL-- 630 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
5 Augmentations

Facility ID: 73299
Application ID: 314792
CDBS Antenna System ID: 24635

Theoretical pattern RMS: 630.86

Azimuth	E_{theo}	E_{std}	E_{aug}
0	256.99	270.86	323.21
5	248.51	261.99	326.67
10	244.14	257.42	331.70
15	242.22	255.41	335.93
20	241.62	254.78	337.90
25	241.86	255.04	337.04
30	243.16	256.39	333.59
35	246.37	259.76	328.71
40	252.99	266.67	324.92
45	264.84	279.07	325.15
50	283.76	298.88	332.63
55	311.12	327.52	350.26
60	347.41	365.54	379.81
65	392.25	412.53	421.36
70	444.45	467.26	473.49
75	502.30	527.94	533.26
80	563.69	592.34	596.63
85	626.28	658.01	661.18
90	687.59	722.35	724.47
95	745.16	782.77	783.99
100	796.65	836.81	837.35
105	839.98	882.29	882.43
110	873.49	917.46	917.46
115	895.99	941.09	942.87
120	906.92	952.56	959.36
125	906.29	951.90	966.35
130	894.72	939.75	963.75
135	873.36	917.33	951.87
140	843.76	886.26	931.40
145	807.81	848.53	903.26
150	767.53	806.25	868.55
155	724.97	761.58	828.48
160	682.09	716.58	785.78
165	640.67	673.11	745.08
170	602.22	632.77	708.18
175	567.97	596.83	676.41

Azimuth	E_{theo}	E_{std}	E_{aug}
180	538.81	566.24	650.68
185	515.39	541.67	631.46
190	498.09	523.52	618.82
195	487.13	512.02	612.48
200	482.60	507.28	611.55
205	484.54	509.31	611.50
210	492.94	518.12	611.63
215	507.72	533.62	615.54
220	528.73	555.66	634.29
225	555.65	583.90	666.88
230	587.96	617.80	708.89
235	624.86	656.52	755.28
240	665.26	698.91	801.66
245	707.75	743.51	844.87
250	750.66	788.55	881.80
255	792.10	832.04	909.50
260	830.04	871.85	928.86
265	862.41	905.83	941.45
270	887.27	931.93	948.96
275	902.92	948.36	952.81
280	908.03	953.73	953.73
285	901.77	947.15	947.15
290	883.85	928.34	928.34
295	854.64	897.68	897.68
300	815.06	856.14	856.14
305	766.61	805.28	805.28
310	711.20	747.13	747.13
315	651.09	684.05	684.05
320	588.72	618.60	618.60
325	526.56	553.38	553.38
330	467.02	490.94	490.94
335	412.33	433.58	434.69
340	364.37	383.31	388.73
345	324.57	341.60	355.05
350	293.64	309.22	334.13
355	271.47	286.00	324.51

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.

31 Aug 2008

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Federal Communications Commission