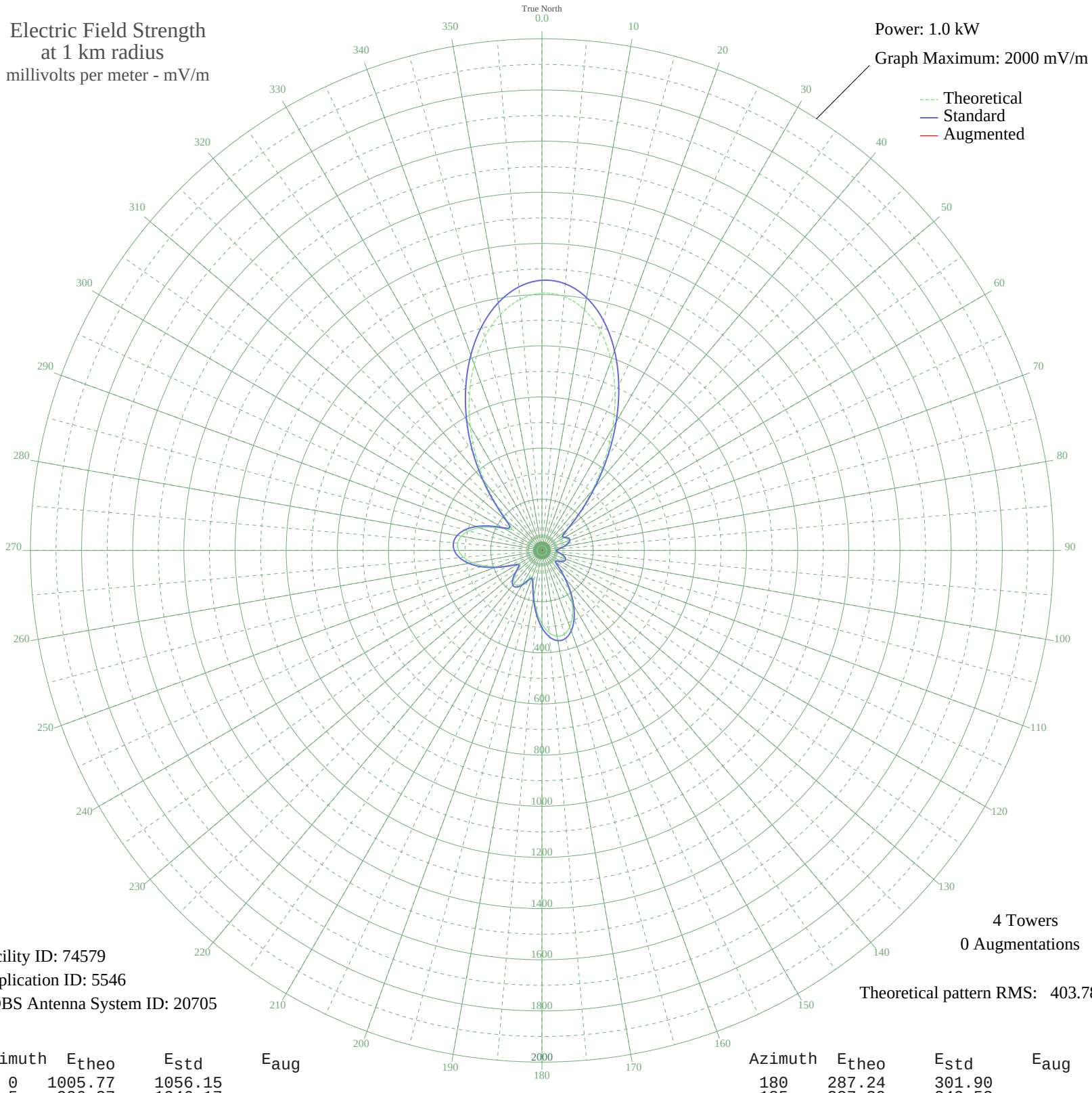
KSLG ST. LOUIS, MO BL-19781024AC 1380 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 74579
Application ID: 5546
CDBS Antenna System ID: 20705

Theoretical pattern RMS: 403.78

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1005.77	1056.15	
5	996.27	1046.17	
10	955.71	1003.59	
15	885.84	930.23	
20	790.83	830.48	
25	676.99	710.97	
30	552.28	580.05	
35	425.53	447.01	
40	305.84	321.42	
45	202.51	213.06	
50	126.67	133.69	
55	92.90	98.47	
60	96.86	102.59	
65	107.82	114.01	
70	109.66	115.92	
75	100.24	106.11	
80	82.64	87.81	
85	63.04	67.54	
90	51.61	55.84	
95	56.85	61.19	
100	71.78	76.56	
105	85.75	91.03	
110	93.21	98.79	
115	91.89	97.42	
120	81.99	87.14	
125	68.08	72.74	
130	64.53	69.08	
135	87.73	93.09	
140	131.37	138.59	
145	183.40	193.03	
150	235.88	248.04	
155	282.67	297.11	
160	318.44	334.63	
165	338.77	355.97	
170	340.68	357.97	
175	323.07	339.49	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	287.24	301.90	
185	237.30	249.53	
190	180.91	190.44	
195	131.42	138.65	
200	109.77	116.04	
205	123.39	130.26	
210	148.85	156.87	
215	166.30	175.13	
220	168.18	177.11	
225	153.96	162.21	
230	128.49	135.58	
235	104.47	110.52	
240	104.42	110.47	
245	136.76	144.23	
250	184.61	194.31	
255	233.53	245.58	
260	275.94	290.05	
265	307.63	323.30	
270	326.22	342.79	
275	330.51	347.30	
280	320.27	336.56	
285	296.09	311.19	
290	259.62	272.93	
295	214.46	225.58	
300	169.43	178.41	
305	146.39	154.30	
310	173.80	182.99	
315	246.28	258.94	
320	342.34	359.71	
325	449.65	472.33	
330	561.11	589.32	
335	671.05	704.73	
340	773.98	812.79	
345	864.27	907.58	
350	936.30	983.20	
355	984.88	1034.21	

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