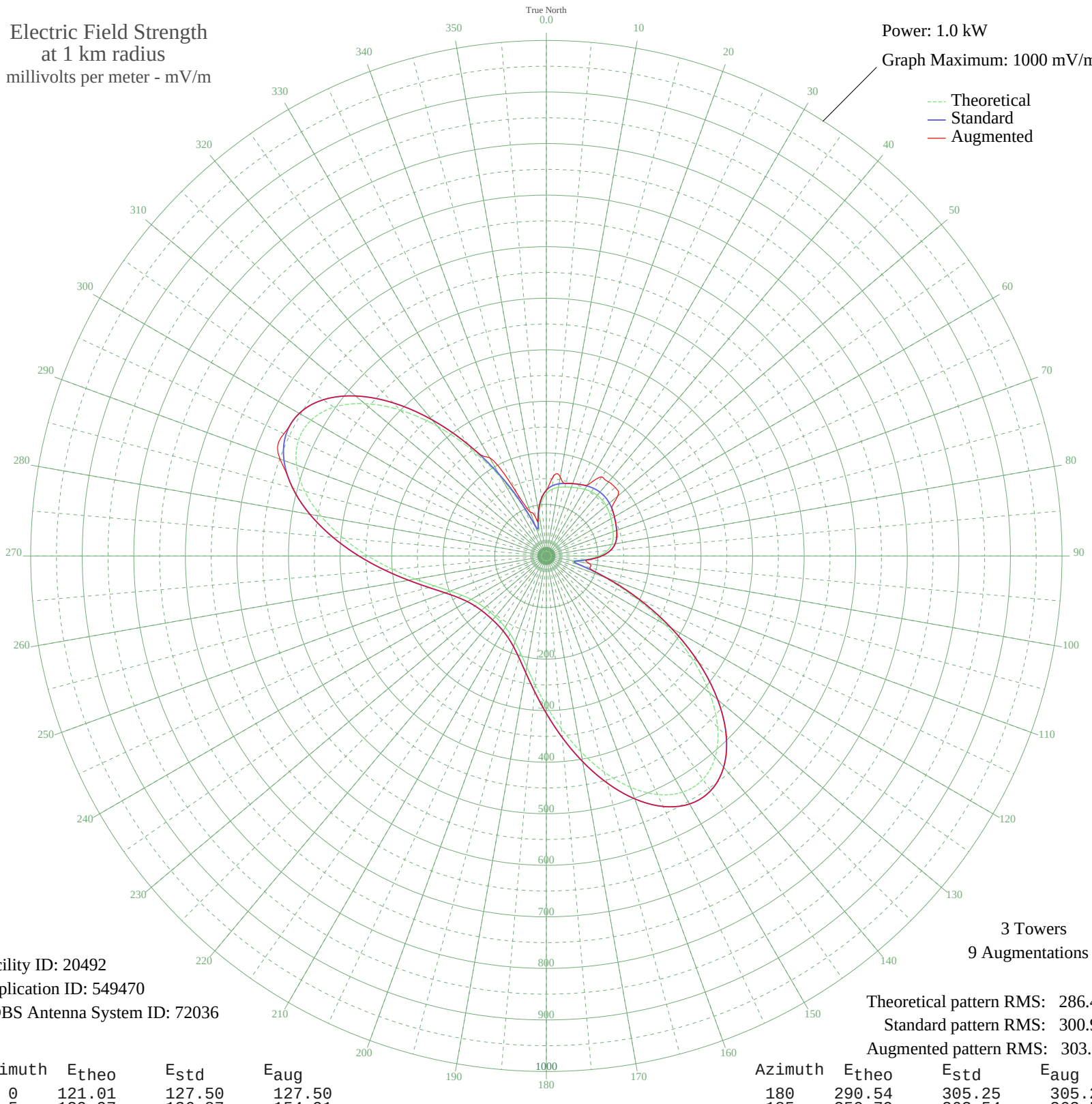
KJMJ ALEXANDRIA, LA BML-20001103ACL 580 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
9 Augmentations

Facility ID: 20492
Application ID: 549470
CDBS Antenna System ID: 72036

Theoretical pattern RMS: 286.46
Standard pattern RMS: 300.97
Augmented pattern RMS: 303.07

Azimuth	E_{theo}	E_{std}	E_{aug}
0	121.01	127.50	127.50
5	129.97	136.87	154.91
10	135.04	142.18	155.50
15	138.52	145.82	145.82
20	141.87	149.33	149.33
25	145.54	153.17	153.17
30	149.18	156.99	158.73
35	152.10	160.05	187.26
40	153.65	161.67	187.66
45	153.47	161.48	188.42
50	151.61	159.53	180.51
55	148.48	156.26	156.26
60	144.78	152.39	152.39
65	141.17	148.60	148.60
70	137.86	145.14	145.14
75	134.22	141.32	141.32
80	128.57	135.41	135.41
85	118.53	124.90	124.90
90	101.72	107.32	107.32
95	77.49	82.04	82.04
100	53.51	57.16	84.78
105	64.29	68.32	87.29
110	117.68	124.01	124.01
115	188.71	198.42	198.42
120	266.33	279.84	279.84
125	343.30	360.62	360.62
130	413.08	433.86	433.86
135	469.90	493.51	493.51
140	509.42	534.99	534.99
145	529.19	555.75	555.75
150	528.96	555.51	555.51
155	510.54	536.17	536.17
160	477.41	501.40	501.40
165	434.12	455.95	455.95
170	385.56	404.98	404.98
175	336.40	353.38	353.38

Azimuth	E_{theo}	E_{std}	E_{aug}
180	290.54	305.25	305.25
185	250.79	263.54	263.54
190	218.71	229.88	229.88
195	194.58	204.58	204.58
200	177.62	186.80	186.80
205	166.43	175.07	175.07
210	159.51	167.81	167.81
215	155.61	163.73	163.73
220	153.93	161.97	161.97
225	154.11	162.16	162.16
230	156.19	164.34	164.34
235	160.62	168.98	168.98
240	168.28	177.01	177.01
245	180.50	189.82	189.82
250	198.79	209.00	209.00
255	224.48	235.94	235.94
260	258.16	271.27	271.27
265	299.30	314.44	314.44
270	346.08	363.54	363.54
275	395.46	415.37	415.37
280	443.36	465.64	465.64
285	485.01	509.37	509.37
290	515.53	541.41	549.69
295	530.55	557.17	561.43
300	526.86	553.30	553.30
305	503.05	528.30	528.30
310	459.81	482.91	482.91
315	399.99	420.12	420.12
320	328.28	344.85	344.85
325	250.64	263.38	263.38
330	173.72	182.71	220.10
335	105.06	110.81	131.42
340	57.76	61.55	90.29
345	57.09	60.85	73.30
350	82.81	87.58	87.58
355	105.70	111.49	111.49

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission