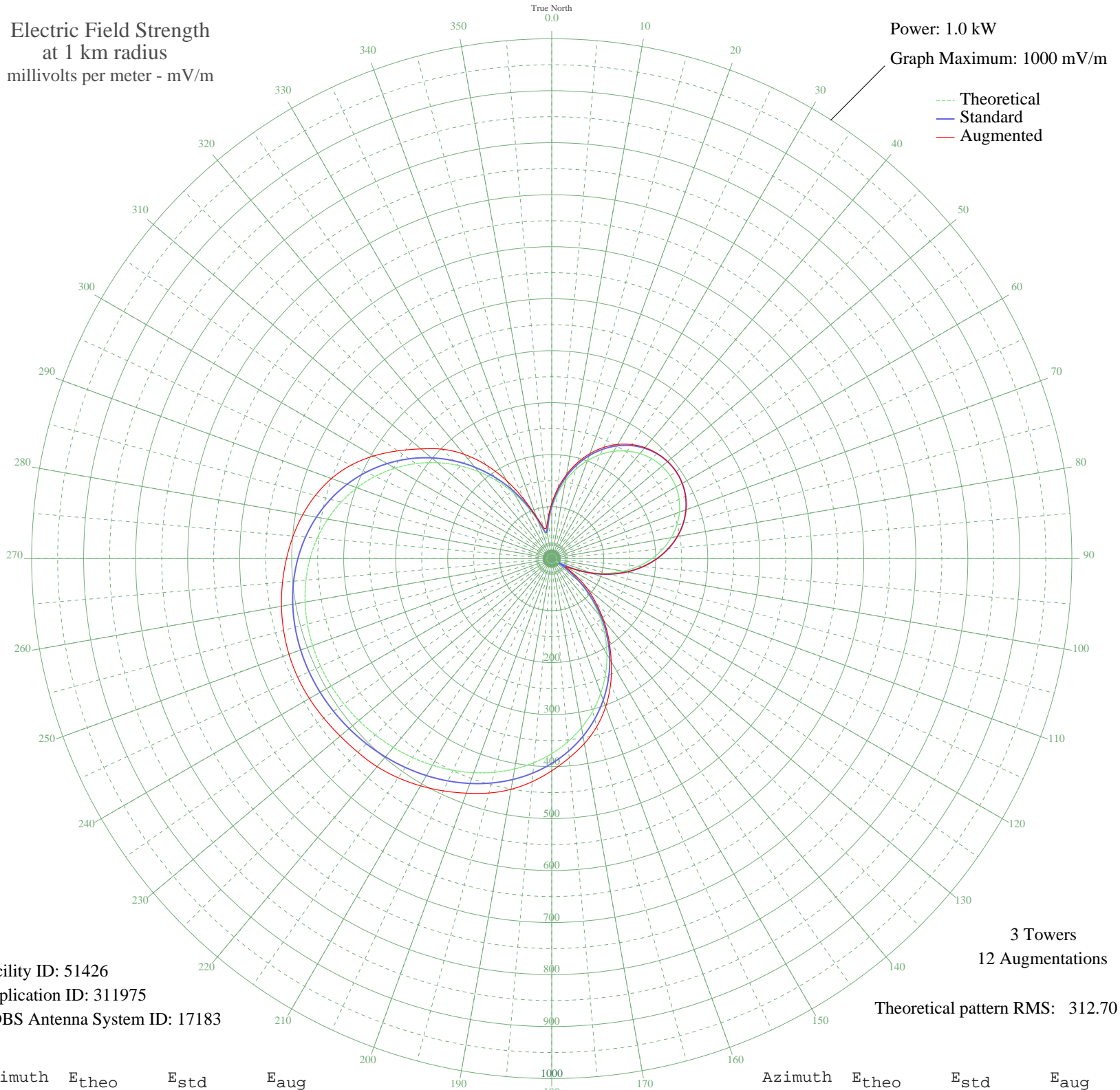


KAZN PASADENA, CA BL-- 1300 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 51426
Application ID: 311975
CDBS Antenna System ID: 17183

3 Towers
12 Augmentations

Theoretical pattern RMS: 312.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	96.05	101.41	106.29
5	124.52	131.18	135.79
10	151.97	159.92	164.46
15	177.47	186.64	191.09
20	200.54	210.83	215.07
25	220.89	232.18	236.04
30	238.32	250.46	253.68
35	252.70	265.54	267.91
40	263.90	277.30	278.78
45	271.86	285.65	286.36
50	276.52	290.53	290.72
55	277.81	291.90	291.90
60	275.72	289.70	289.70
65	270.23	283.93	283.93
70	261.32	274.59	274.59
75	249.02	261.68	261.68
80	233.38	245.27	245.27
85	214.47	225.44	225.44
90	192.43	202.33	202.33
95	167.41	176.10	176.10
100	139.64	147.00	147.00
105	109.40	115.36	115.36
110	77.09	81.63	81.63
115	43.32	46.69	49.07
120	12.34	16.71	31.09
125	32.32	35.54	52.66
130	68.55	72.75	88.51
135	105.46	111.24	119.83
140	142.05	149.53	155.77
145	177.76	186.95	191.78
150	212.15	223.01	228.87
155	244.85	257.31	267.54
160	275.55	289.52	303.18
165	304.03	319.40	334.53
170	330.14	346.81	361.20
175	353.83	371.67	384.62

Azimuth	E _{theo}	E _{std}	E _{aug}
180	375.09	393.99	408.12
185	394.01	413.85	430.60
190	410.71	431.38	450.53
195	425.36	446.75	466.75
200	438.12	460.15	480.10
205	449.20	471.78	492.87
210	458.77	481.82	504.61
215	466.97	490.43	514.62
220	473.91	497.71	522.34
225	479.66	503.75	526.90
230	484.22	508.55	530.95
235	487.57	512.06	534.97
240	489.62	514.20	538.02
245	490.21	514.83	539.08
250	489.19	513.76	537.64
255	486.36	510.78	533.72
260	481.49	505.67	527.60
265	474.36	498.19	519.61
270	464.76	488.11	510.02
275	452.50	475.24	499.08
280	437.43	459.42	486.19
285	419.44	440.54	470.34
290	398.51	418.57	450.62
295	374.65	393.52	425.62
300	347.97	365.52	395.08
305	318.67	334.77	361.47
310	287.02	301.55	328.38
315	253.37	266.24	297.73
320	218.17	229.32	262.02
325	181.97	191.36	219.83
330	145.49	153.13	172.69
335	109.78	115.75	124.63
340	76.93	81.46	85.25
345	52.59	56.22	62.75
350	49.58	53.12	60.50
355	68.79	73.00	78.75

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