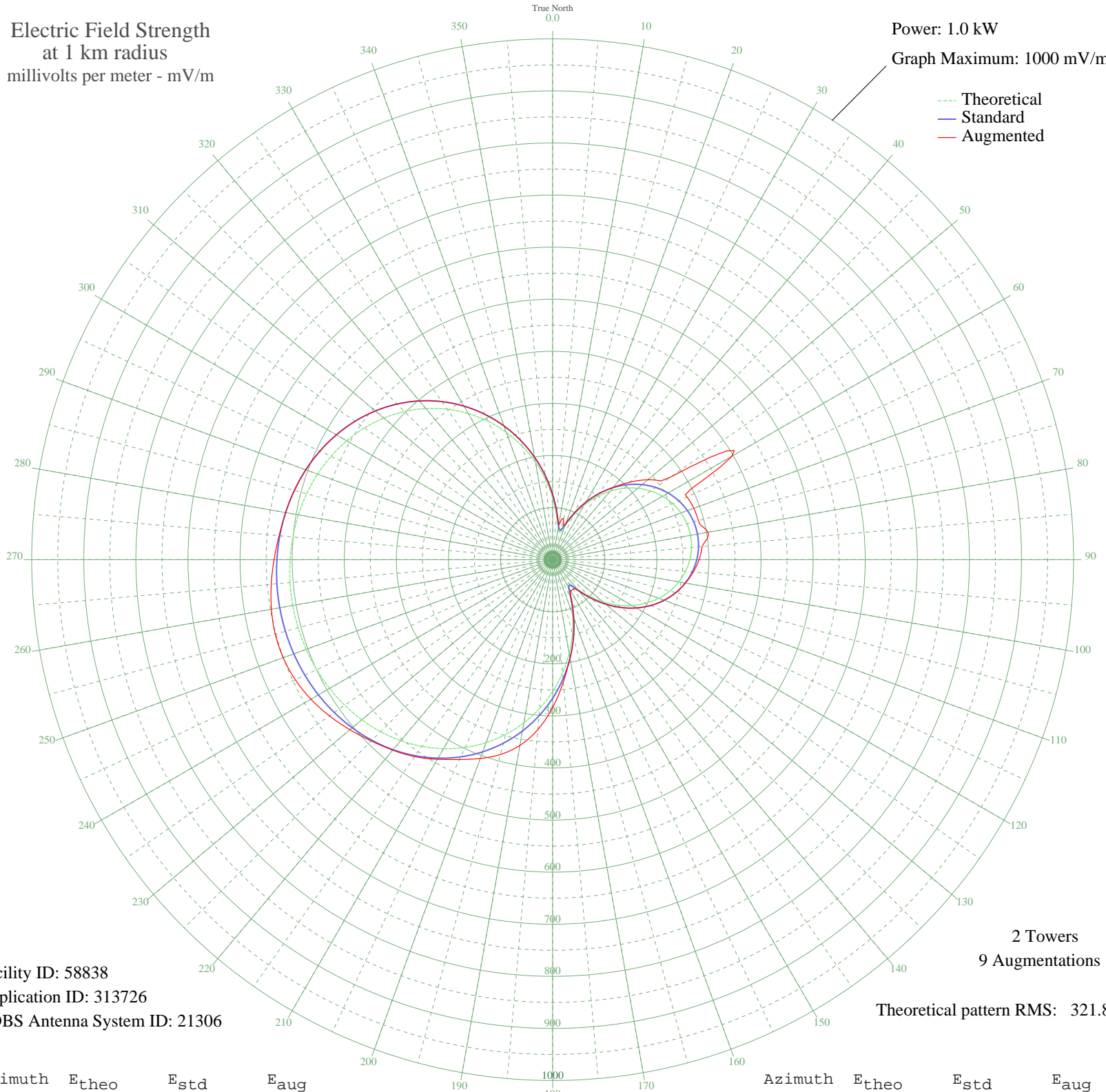


KSTN STOCKTON, CA BL-- 1420 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 58838
Application ID: 313726
CDBS Antenna System ID: 21306

2 Towers
9 Augmentations

Theoretical pattern RMS: 321.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	118.73	125.10	125.10
5	86.47	91.39	91.39
10	61.92	65.86	68.22
15	55.15	58.85	80.37
20	69.52	73.75	73.75
25	94.01	99.27	99.27
30	120.85	127.32	127.32
35	147.11	154.82	154.82
40	171.59	180.48	181.45
45	193.73	203.69	210.68
50	213.21	224.11	238.57
55	229.85	241.57	277.11
60	243.57	255.96	397.56
65	254.31	267.24	284.48
70	262.08	275.38	288.39
75	266.85	280.39	289.54
80	268.64	282.27	302.86
85	267.45	281.02	288.02
90	263.27	276.63	281.11
95	256.11	269.12	270.99
100	245.96	258.47	258.64
105	232.83	244.70	244.70
110	216.77	227.85	227.85
115	197.85	208.00	208.00
120	176.22	185.33	185.33
125	152.17	160.12	160.12
130	126.20	132.92	132.92
135	99.32	104.82	104.82
140	73.97	78.37	78.37
145	56.60	60.35	69.07
150	58.77	62.60	69.05
155	80.70	85.38	85.38
160	111.95	118.01	118.01
165	146.71	154.41	154.41
170	182.59	192.01	192.01
175	218.35	229.51	235.66

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	253.21	266.07	283.83
185	286.57	301.08	327.59
190	317.99	334.05	362.10
195	347.14	364.64	387.24
200	373.77	392.60	406.19
205	397.75	417.76	423.39
210	419.01	440.08	442.57
215	437.58	459.58	461.61
220	453.54	476.33	477.48
225	467.02	490.48	492.40
230	478.19	502.21	508.00
235	487.23	511.70	523.02
240	494.34	519.16	535.81
245	499.68	524.77	545.20
250	503.42	528.69	550.40
255	505.66	531.05	551.24
260	506.50	531.92	548.19
265	505.94	531.34	542.25
270	503.98	529.29	534.79
275	500.55	525.69	527.18
280	495.54	520.42	520.42
285	488.80	513.35	513.35
290	480.16	504.28	504.28
295	469.43	493.01	493.01
300	456.43	479.36	479.36
305	440.98	463.14	463.14
310	422.94	444.21	444.21
315	402.21	422.46	422.46
320	378.78	397.86	397.86
325	352.67	370.45	370.45
330	324.01	340.37	340.37
335	293.02	307.85	307.85
340	260.01	273.22	273.22
345	225.42	236.92	236.92
350	189.78	199.55	199.55
355	153.85	161.88	161.88