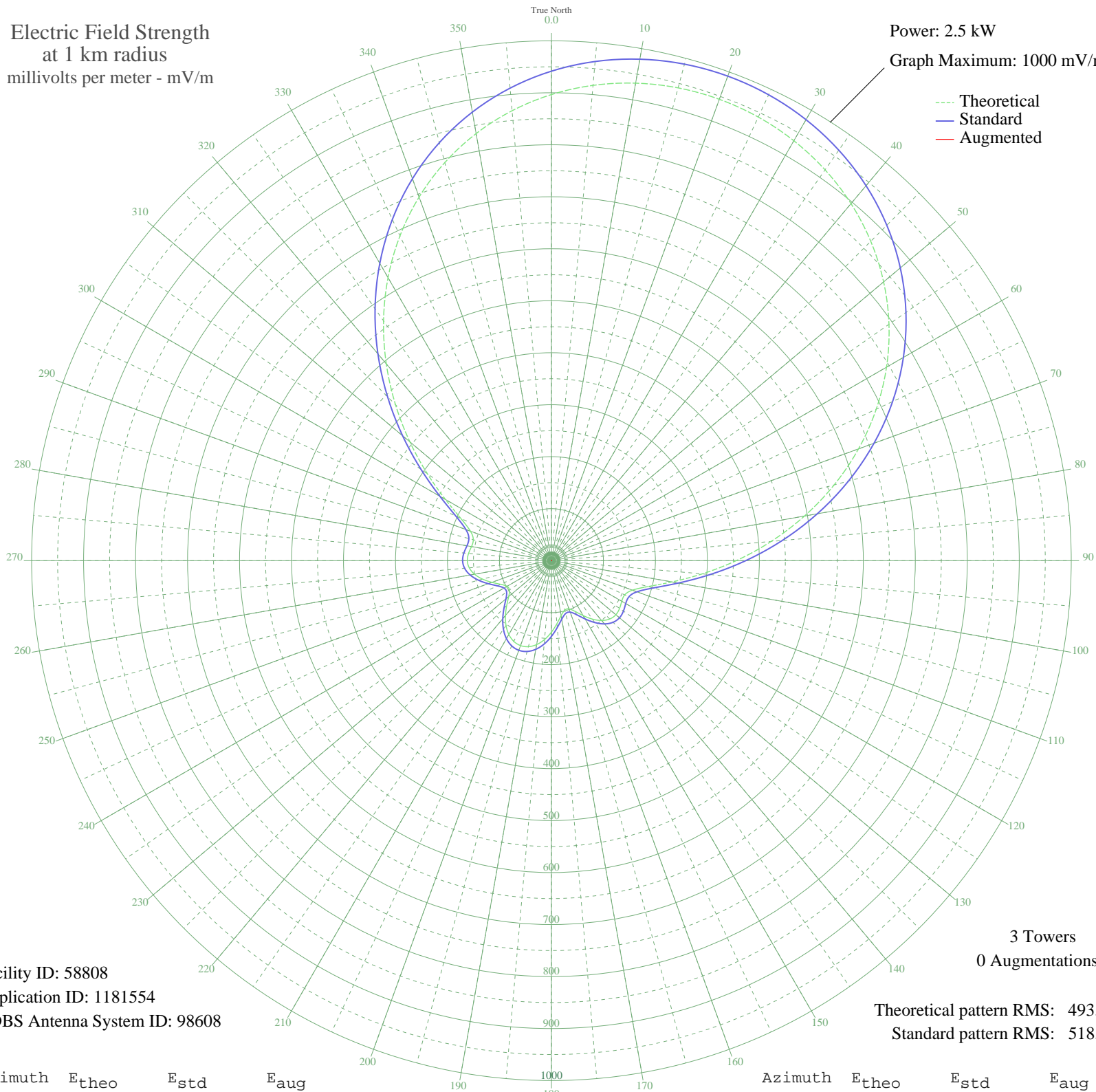


KTIE SAN BERNARDINO, CA BL-20070321AEG 590 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 58808
Application ID: 1181554
CDBS Antenna System ID: 98608

Theoretical pattern RMS: 493.78
Standard pattern RMS: 518.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	896.58	941.59	
5	917.79	963.86	
10	932.69	979.51	
15	941.53	988.79	
20	944.46	991.86	
25	941.53	988.79	
30	932.69	979.51	
35	917.79	963.86	
40	896.58	941.59	
45	868.80	912.43	
50	834.22	876.14	
55	792.72	832.57	
60	744.36	781.81	
65	689.46	724.18	
70	628.69	660.39	
75	563.12	591.58	
80	494.29	519.34	
85	424.22	445.83	
90	355.49	373.74	
95	291.27	306.41	
100	235.43	247.91	
105	192.38	202.87	
110	165.81	175.11	
115	155.57	164.43	
120	156.14	165.02	
125	160.03	169.08	
130	161.77	170.90	
135	158.67	167.66	
140	150.16	158.78	
145	137.17	145.25	
150	121.89	129.35	
155	107.65	114.58	
160	98.72	105.34	
165	98.59	105.21	
170	107.31	114.23	
175	121.59	129.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	137.54	145.64	
185	152.28	160.99	
190	163.91	173.12	
195	171.29	180.83	
200	173.81	183.47	
205	171.29	180.83	
210	163.91	173.12	
215	152.28	160.99	
220	137.54	145.64	
225	121.59	129.04	
230	107.31	114.23	
235	98.59	105.21	
240	98.72	105.34	
245	107.65	114.58	
250	121.89	129.35	
255	137.17	145.25	
260	150.16	158.78	
265	158.67	167.66	
270	161.77	170.90	
275	160.03	169.08	
280	156.14	165.02	
285	155.57	164.43	
290	165.81	175.11	
295	192.38	202.87	
300	235.43	247.91	
305	291.27	306.41	
310	355.49	373.74	
315	424.22	445.83	
320	494.29	519.34	
325	563.12	591.58	
330	628.69	660.39	
335	689.46	724.18	
340	744.36	781.81	
345	792.72	832.57	
350	834.22	876.14	
355	868.80	912.43	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission