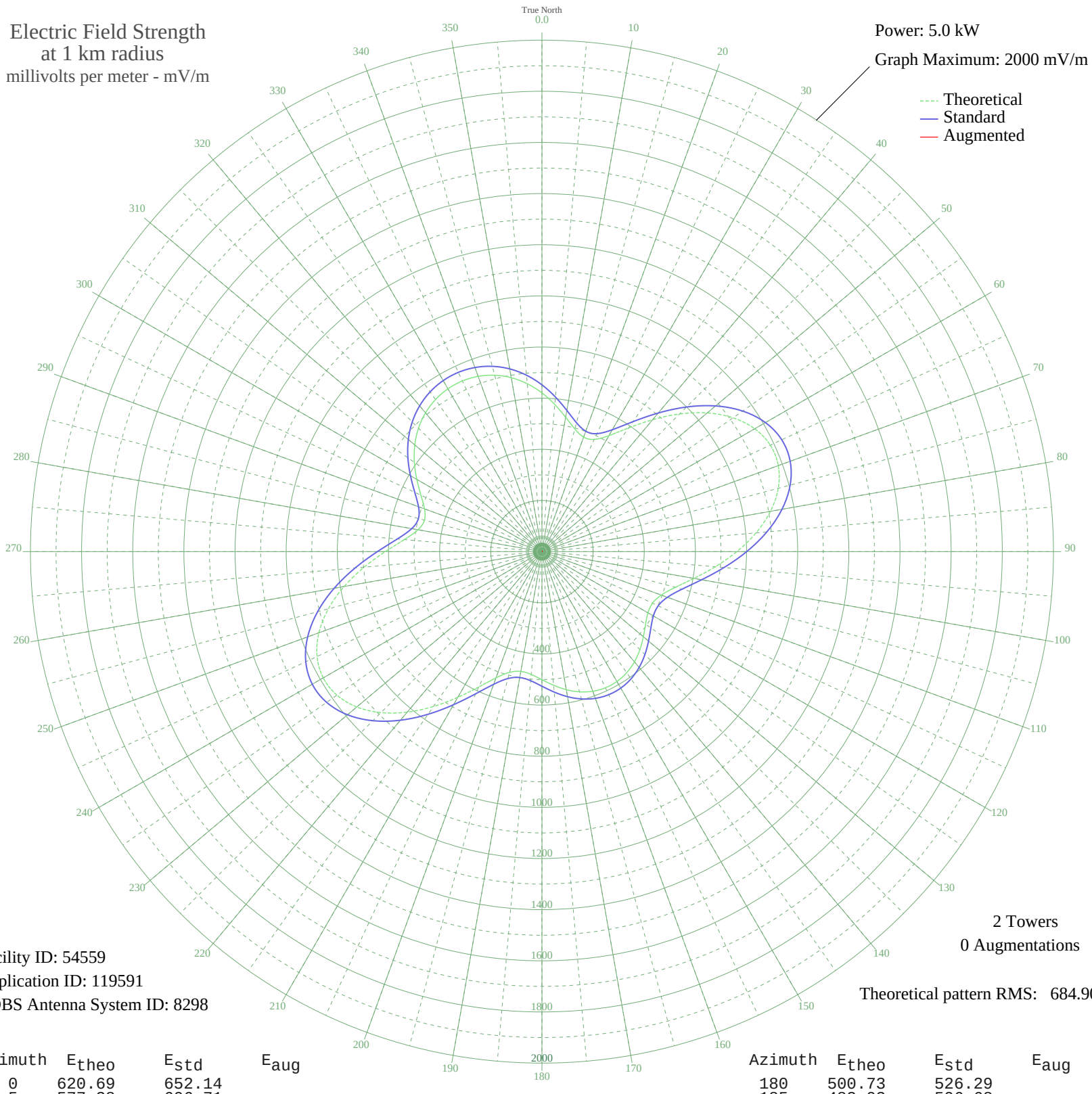
KRDU DINUBA, CA BL-19881020AD 1130 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 54559
Application ID: 119591
CDBS Antenna System ID: 8298

Theoretical pattern RMS: 684.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	620.69	652.14	
5	577.38	606.71	
10	533.53	560.70	
15	496.47	521.82	
20	476.54	500.91	
25	484.13	508.88	
30	523.63	550.31	
35	590.25	620.21	
40	673.37	707.43	
45	761.31	799.73	
50	843.77	886.27	
55	912.35	958.26	
60	960.82	1009.13	
65	985.13	1034.65	
70	983.56	1033.00	
75	956.71	1004.82	
80	907.39	953.05	
85	840.38	882.71	
90	762.10	800.54	
95	680.21	714.60	
100	603.23	633.82	
105	539.70	567.18	
110	496.66	522.02	
115	477.13	501.54	
120	478.67	503.16	
125	494.69	519.96	
130	517.73	544.12	
135	541.73	569.30	
140	562.61	591.21	
145	577.96	607.31	
150	586.46	616.23	
155	587.51	617.34	
160	581.07	610.57	
165	567.54	596.38	
170	548.02	575.90	
175	524.56	551.29	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	500.73	526.29	
185	482.03	506.68	
190	475.67	500.01	
195	488.82	513.80	
200	525.36	552.13	
205	583.73	613.37	
210	657.78	691.07	
215	739.17	776.49	
220	819.29	860.57	
225	890.16	934.97	
230	944.99	992.52	
235	978.50	1027.70	
240	987.31	1036.94	
245	970.18	1018.96	
250	928.17	974.86	
255	864.68	908.22	
260	785.35	824.96	
265	697.98	733.26	
270	612.37	643.42	
275	539.95	567.43	
280	492.02	517.15	
285	475.54	499.86	
290	488.67	513.64	
295	522.07	548.68	
300	564.91	593.62	
305	608.91	639.79	
310	649.01	681.87	
315	682.52	717.03	
320	708.24	744.03	
325	725.78	762.43	
330	735.09	772.21	
335	736.24	773.40	
340	729.22	766.04	
345	713.99	750.05	
350	690.54	725.44	
355	659.13	692.49	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission