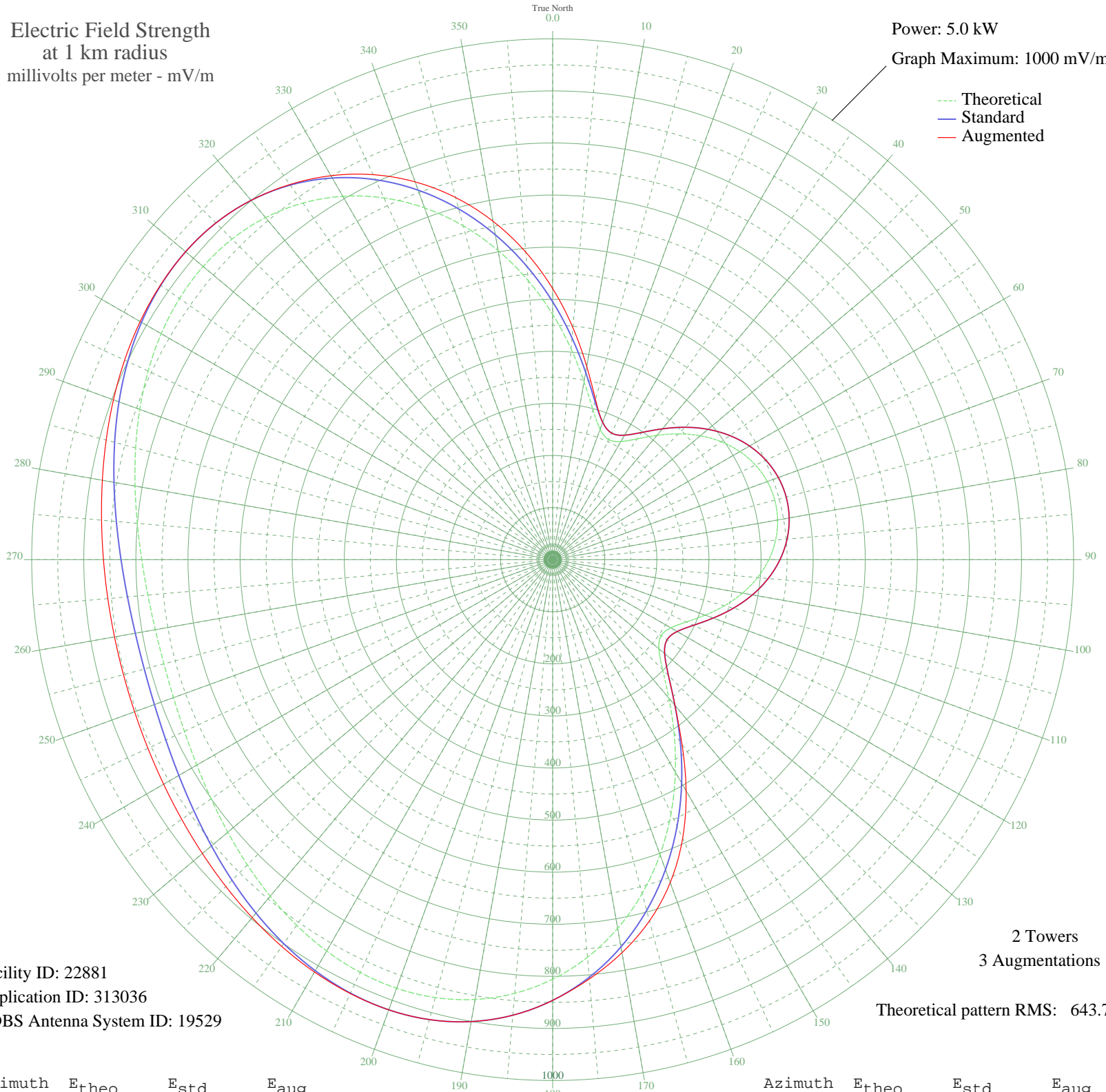


# KSRO SANTA ROSA, CA BL-- 1350 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 22881  
Application ID: 313036  
CDBS Antenna System ID: 19529

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 643.74

Azimuth	Etheo	Estd	Eaug
0	471.09	495.20	520.59
5	406.20	427.16	446.84
10	347.00	365.11	376.70
15	298.52	314.32	317.97
20	266.32	280.62	280.62
25	254.37	268.12	268.12
30	261.83	275.92	275.92
35	283.12	298.20	298.20
40	311.46	327.87	327.87
45	341.57	359.42	359.42
50	370.06	389.27	389.27
55	394.91	415.31	415.31
60	414.96	436.34	436.34
65	429.60	451.69	451.69
70	438.48	461.00	461.00
75	441.46	464.13	464.13
80	438.48	461.00	461.00
85	429.60	451.69	451.69
90	414.96	436.34	436.34
95	394.91	415.31	415.31
100	370.06	389.27	389.27
105	341.57	359.42	359.42
110	311.46	327.87	327.87
115	283.12	298.20	298.20
120	261.83	275.92	275.92
125	254.37	268.12	268.12
130	266.32	280.62	280.62
135	298.52	314.32	314.32
140	347.00	365.11	365.11
145	406.20	427.16	433.02
150	471.09	495.20	512.27
155	537.63	565.00	590.41
160	602.66	633.23	659.83
165	663.67	697.25	718.00
170	718.71	755.01	766.31
175	766.31	804.96	808.09

Azimuth	Etheo	Estd	Eaug
180	805.52	846.12	846.12
185	835.87	877.98	877.98
190	857.35	900.53	900.53
195	870.37	914.19	914.19
200	875.68	919.77	919.77
205	874.34	918.36	919.12
210	867.60	911.28	914.28
215	856.82	899.96	906.55
220	843.40	885.88	897.17
225	828.69	870.45	887.26
230	813.97	854.99	877.71
235	800.35	840.70	869.22
240	788.76	828.53	862.25
245	779.95	819.29	857.13
250	774.45	813.51	854.00
255	772.58	811.55	852.95
260	774.45	813.51	854.00
265	779.95	819.29	857.13
270	788.76	828.53	862.25
275	800.35	840.70	869.22
280	813.97	854.99	877.71
285	828.69	870.45	887.26
290	843.40	885.88	897.17
295	856.82	899.96	906.55
300	867.60	911.28	914.28
305	874.34	918.36	919.12
310	875.68	919.77	919.77
315	870.37	914.19	914.19
320	857.35	900.53	900.53
325	835.87	877.98	879.29
330	805.52	846.12	851.19
335	766.31	804.96	815.58
340	718.71	755.01	771.90
345	663.67	697.25	719.90
350	602.66	633.23	659.83
355	537.63	565.00	592.72

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission