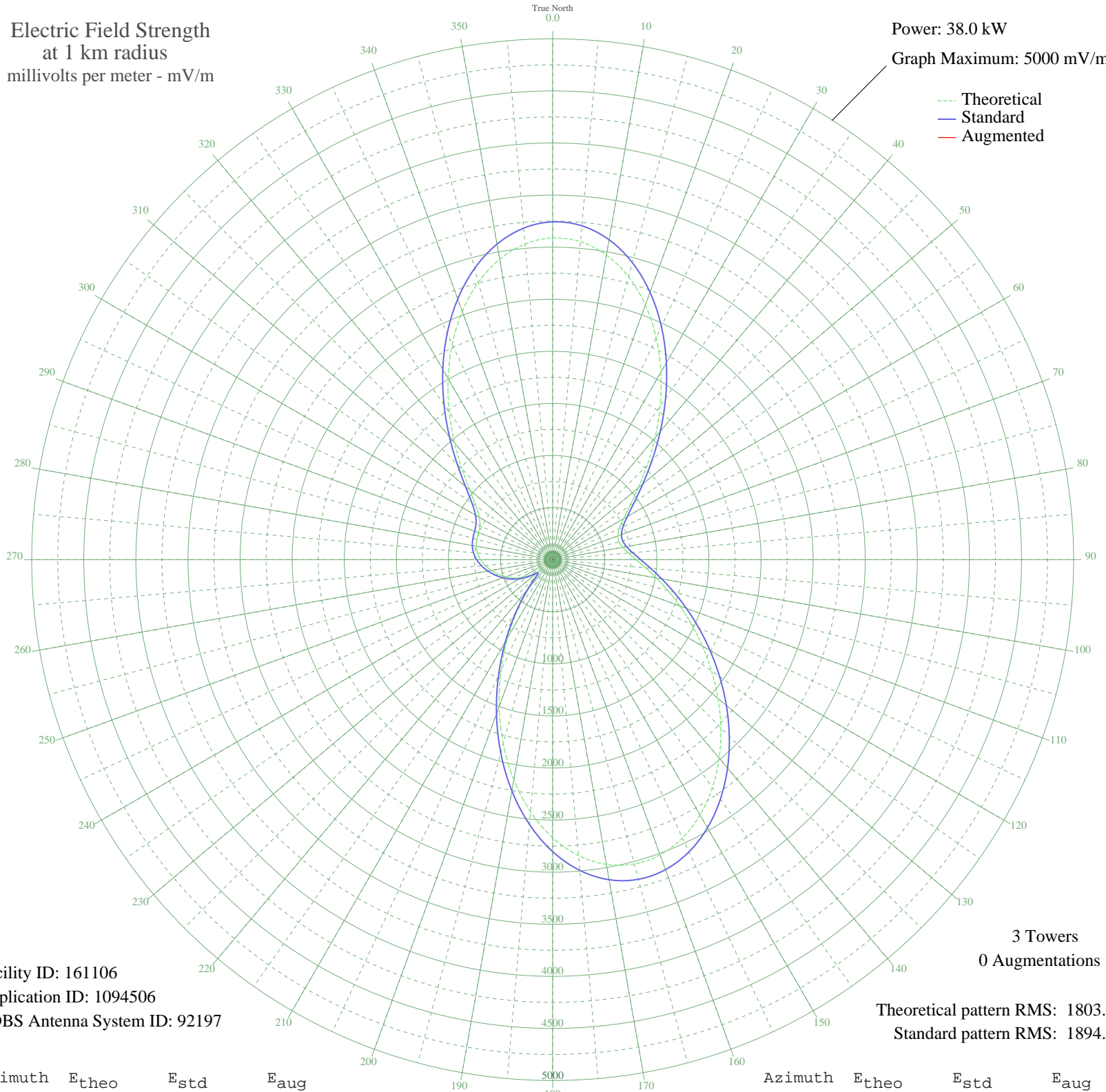


WHOA SARALAND, AL BNP-20050118AGO 770 kHz

Daytime

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

Power: 38.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 161106
Application ID: 1094506
CDBS Antenna System ID: 92197

3 Towers
0 Augmentations

Theoretical pattern RMS: 1803.22
Standard pattern RMS: 1894.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3088.04	3243.09	
5	3063.51	3217.34	
10	2969.47	3118.61	
15	2811.89	2953.19	
20	2601.15	2731.97	
25	2351.11	2469.51	
30	2077.87	2182.73	
35	1798.37	1889.40	
40	1528.85	1606.60	
45	1283.58	1349.32	
50	1073.73	1129.27	
55	906.50	954.02	
60	784.59	826.35	
65	706.29	744.43	
70	666.80	703.13	
75	660.48	696.52	
80	682.76	719.82	
85	730.64	769.90	
90	802.12	844.71	
95	895.74	942.76	
100	1010.36	1062.85	
105	1145.11	1204.11	
110	1299.22	1365.71	
115	1471.58	1546.51	
120	1660.26	1744.47	
125	1861.98	1956.15	
130	2071.77	2176.32	
135	2282.76	2397.77	
140	2486.30	2611.42	
145	2672.28	2806.64	
150	2829.68	2971.87	
155	2947.42	3095.47	
160	3015.27	3166.69	
165	3024.86	3176.76	
170	2970.74	3119.94	
175	2851.12	2994.38	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2668.49	2802.67	
185	2429.68	2551.98	
190	2145.54	2253.75	
195	1830.17	1922.76	
200	1499.68	1575.99	
205	1170.84	1231.09	
210	859.73	905.03	
215	581.04	613.52	
220	349.94	373.09	
225	196.14	215.88	
230	183.20	202.96	
235	261.07	281.66	
240	343.88	366.83	
245	416.27	441.85	
250	480.69	508.86	
255	540.67	571.39	
260	597.22	630.42	
265	648.65	684.15	
270	691.80	729.27	
275	723.71	762.64	
280	743.07	782.90	
285	751.82	792.06	
290	756.74	797.21	
295	770.69	811.81	
300	811.74	854.78	
305	897.68	944.79	
310	1038.08	1091.91	
315	1231.03	1294.20	
320	1466.38	1541.05	
325	1730.13	1817.79	
330	2006.86	2108.20	
335	2280.61	2395.51	
340	2535.41	2662.97	
345	2756.00	2894.52	
350	2928.58	3075.69	
355	3041.87	3194.62	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission