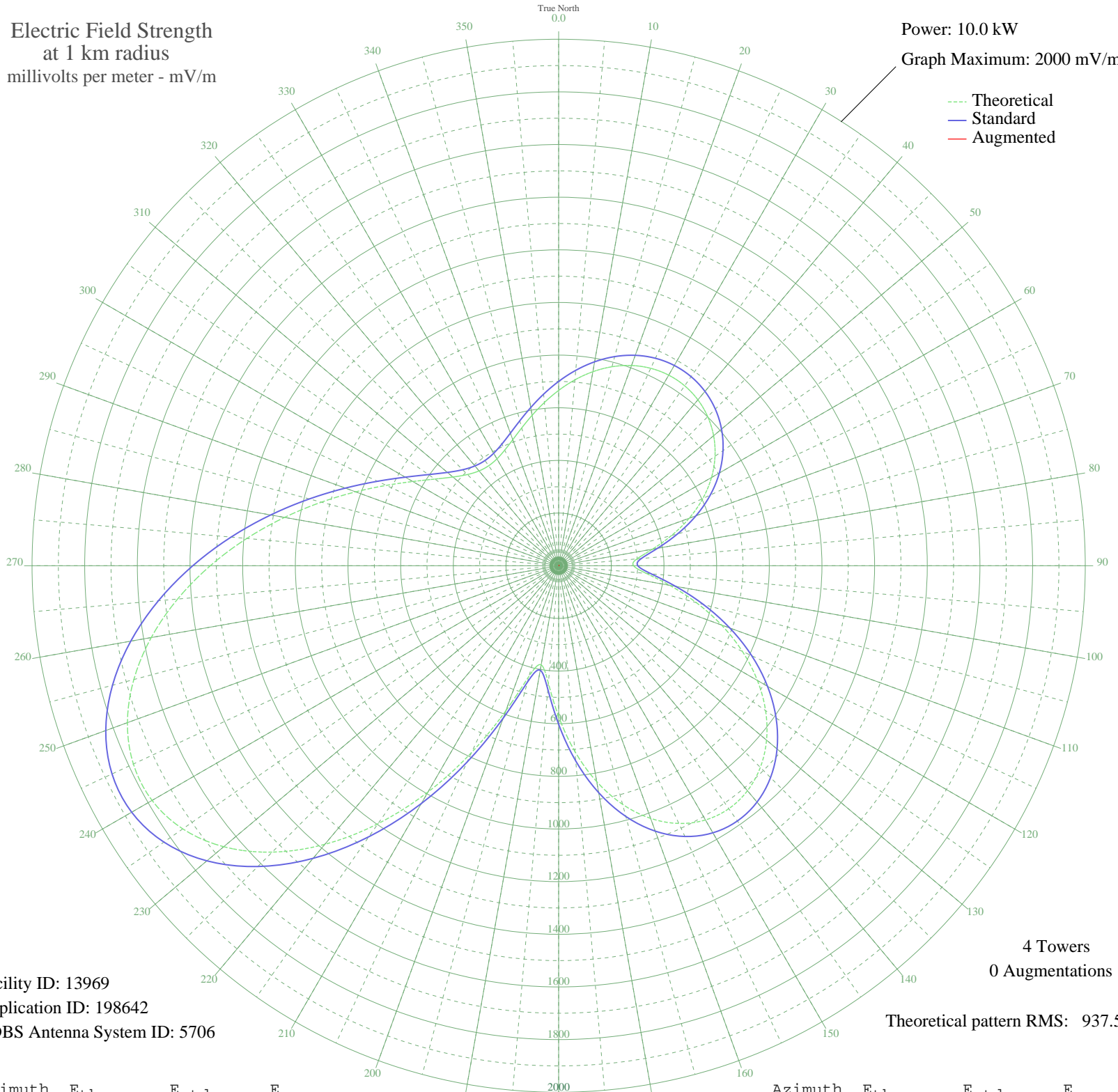


KVOI CORTARO, AZ BL-19940426AB 1030 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 13969
Application ID: 198642
CDBS Antenna System ID: 5706

4 Towers
0 Augmentations

Theoretical pattern RMS: 937.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	665.98	700.15	
5	708.81	745.06	
10	748.42	786.61	
15	782.58	822.44	
20	809.41	850.58	
25	827.50	869.57	
30	835.99	878.48	
35	834.44	876.85	
40	822.72	864.56	
45	800.76	841.51	
50	768.33	807.49	
55	725.02	762.06	
60	670.35	704.72	
65	604.22	635.38	
70	527.65	555.12	
75	444.01	467.50	
80	361.56	381.22	
85	298.41	315.25	
90	284.24	300.47	
95	334.24	352.66	
100	428.31	451.06	
105	541.28	569.40	
110	658.04	691.81	
115	769.99	809.23	
120	871.71	915.96	
125	959.51	1008.08	
130	1030.71	1082.81	
135	1083.32	1138.02	
140	1115.76	1172.07	
145	1126.76	1183.60	
150	1115.21	1171.49	
155	1080.25	1134.79	
160	1021.32	1072.95	
165	938.48	986.02	
170	832.93	875.27	
175	708.15	744.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	572.66	602.30	
185	447.58	471.24	
190	382.13	402.74	
195	434.33	457.37	
200	586.11	616.40	
205	783.23	823.12	
210	992.80	1043.02	
215	1196.43	1256.73	
220	1381.55	1451.04	
225	1538.64	1615.94	
230	1660.59	1743.96	
235	1742.75	1830.22	
240	1783.08	1872.55	
245	1782.11	1871.54	
250	1742.85	1830.32	
255	1670.35	1754.21	
260	1571.19	1650.11	
265	1452.83	1525.87	
270	1322.97	1389.55	
275	1188.91	1248.84	
280	1057.14	1110.54	
285	932.97	980.24	
290	820.42	862.15	
295	722.21	759.11	
300	639.85	672.74	
305	573.92	603.62	
310	524.20	551.51	
315	489.97	515.64	
320	470.15	494.88	
325	463.51	487.93	
330	468.75	493.41	
335	484.53	509.94	
340	509.44	536.03	
345	541.92	570.08	
350	580.22	610.22	
355	622.32	654.36	

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