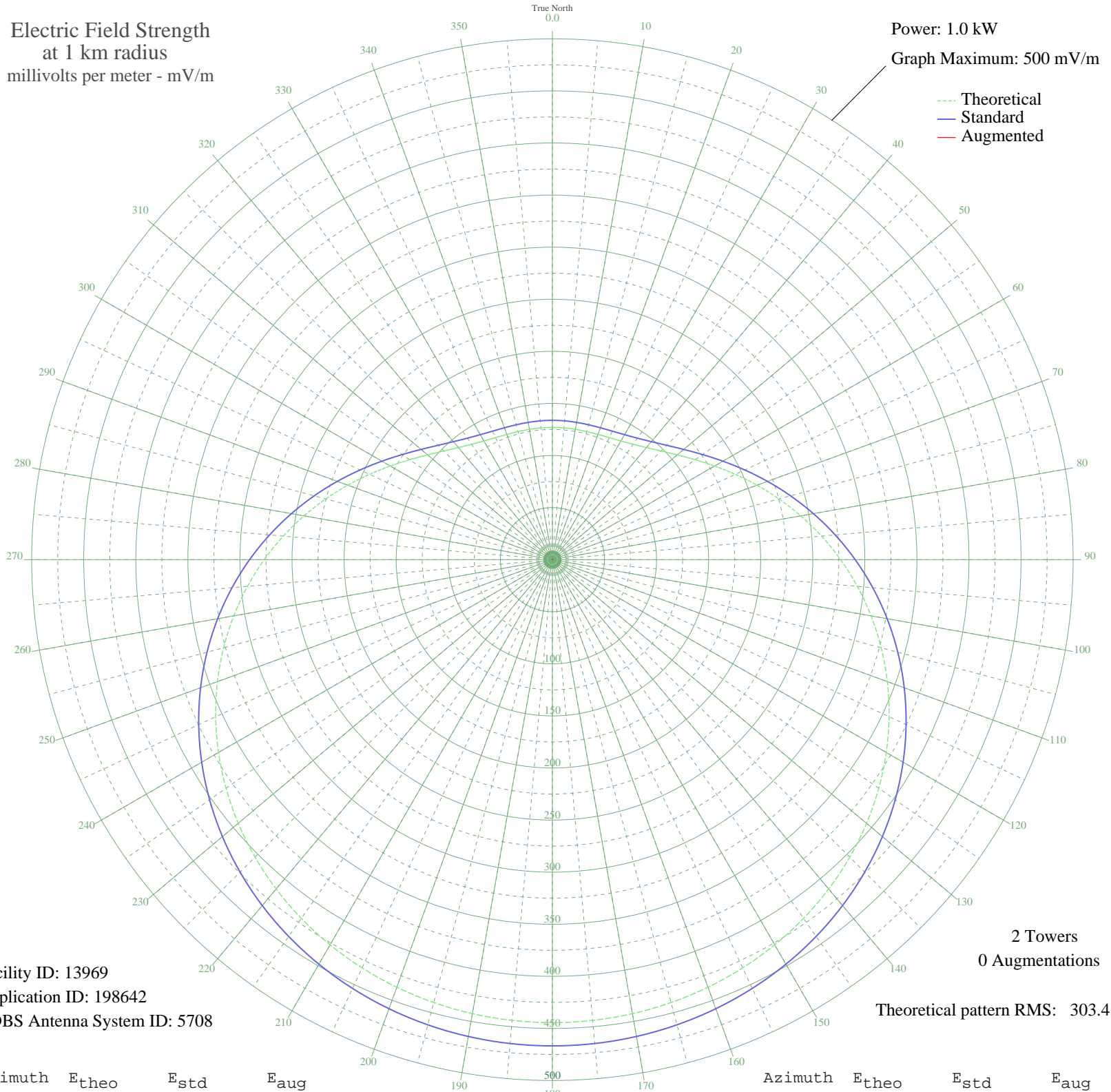


KVOI CORTARO, AZ BL-19940426AB 1030 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 13969
Application ID: 198642
CDBS Antenna System ID: 5708

2 Towers
0 Augmentations

Theoretical pattern RMS: 303.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	126.98	133.74	
5	126.98	133.74	
10	127.04	133.80	
15	127.28	134.05	
20	127.92	134.73	
25	129.25	136.11	
30	131.57	138.55	
35	135.22	142.37	
40	140.48	147.87	
45	147.53	155.27	
50	156.48	164.64	
55	167.27	175.95	
60	179.79	189.07	
65	193.81	203.77	
70	209.07	219.77	
75	225.29	236.78	
80	242.16	254.49	
85	259.40	272.58	
90	276.74	290.76	
95	293.90	308.78	
100	310.68	326.38	
105	326.85	343.35	
110	342.24	359.51	
115	356.73	374.71	
120	370.20	388.85	
125	382.56	401.83	
130	393.77	413.60	
135	403.81	424.13	
140	412.67	433.44	
145	420.37	441.51	
150	426.93	448.40	
155	432.39	454.13	
160	436.78	458.74	
165	440.15	462.28	
170	442.53	464.77	
175	443.95	466.26	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	444.42	466.76	
185	443.95	466.26	
190	442.53	464.77	
195	440.15	462.28	
200	436.78	458.74	
205	432.39	454.13	
210	426.93	448.40	
215	420.37	441.51	
220	412.67	433.44	
225	403.81	424.13	
230	393.77	413.60	
235	382.56	401.83	
240	370.20	388.85	
245	356.73	374.71	
250	342.24	359.51	
255	326.85	343.35	
260	310.68	326.38	
265	293.90	308.78	
270	276.74	290.76	
275	259.40	272.58	
280	242.16	254.49	
285	225.29	236.78	
290	209.07	219.77	
295	193.81	203.77	
300	179.79	189.07	
305	167.27	175.95	
310	156.48	164.64	
315	147.53	155.27	
320	140.48	147.87	
325	135.22	142.37	
330	131.57	138.55	
335	129.25	136.11	
340	127.92	134.73	
345	127.28	134.05	
350	127.04	133.80	
355	126.98	133.74	

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission