

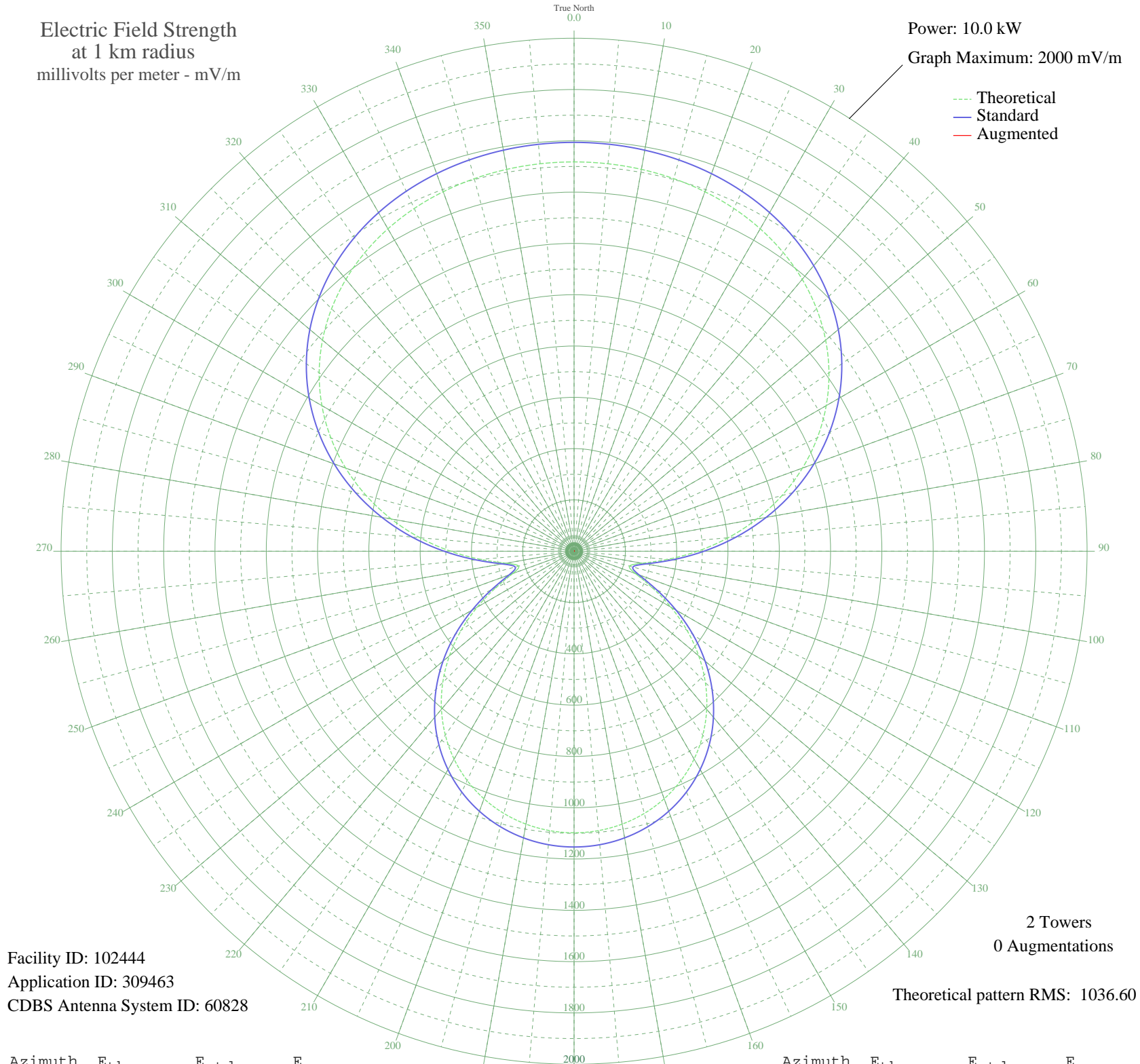
XETOL IXTLAHUACA, MX Mexico -- 1130 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 102444
Application ID: 309463
CDBS Antenna System ID: 60828

2 Towers
0 Augmentations

Theoretical pattern RMS: 1036.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1517.82	1594.05	
5	1516.33	1592.49	
10	1511.74	1587.67	
15	1503.67	1579.20	
20	1491.50	1566.42	
25	1474.42	1548.50	
30	1451.49	1524.42	
35	1421.64	1493.09	
40	1383.81	1453.38	
45	1337.00	1404.24	
50	1280.33	1344.75	
55	1213.17	1274.26	
60	1135.19	1192.41	
65	1046.46	1099.28	
70	947.50	995.43	
75	839.37	881.96	
80	723.74	760.65	
85	603.13	634.16	
90	481.42	506.58	
95	365.35	385.05	
100	269.29	284.70	
105	223.69	237.21	
110	254.46	269.24	
115	336.39	354.77	
120	435.88	458.87	
125	537.37	565.21	
130	634.40	666.94	
135	723.91	760.83	
140	804.38	845.25	
145	875.05	919.40	
150	935.66	983.00	
155	986.24	1036.08	
160	1027.01	1078.87	
165	1058.26	1111.67	
170	1080.31	1134.81	
175	1093.42	1148.57	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1097.77	1153.14	
185	1093.42	1148.57	
190	1080.31	1134.81	
195	1058.26	1111.67	
200	1027.01	1078.87	
205	986.24	1036.08	
210	935.66	983.00	
215	875.05	919.40	
220	804.38	845.25	
225	723.91	760.83	
230	634.40	666.94	
235	537.37	565.21	
240	435.88	458.87	
245	336.39	354.77	
250	254.46	269.24	
255	223.69	237.21	
260	269.29	284.70	
265	365.35	385.05	
270	481.42	506.58	
275	603.14	634.16	
280	723.74	760.65	
285	839.37	881.96	
290	947.50	995.43	
295	1046.46	1099.28	
300	1135.19	1192.41	
305	1213.17	1274.26	
310	1280.33	1344.76	
315	1337.00	1404.24	
320	1383.81	1453.38	
325	1421.64	1493.09	
330	1451.49	1524.42	
335	1474.42	1548.50	
340	1491.50	1566.42	
345	1503.67	1579.20	
350	1511.74	1587.67	
355	1516.33	1592.49	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission