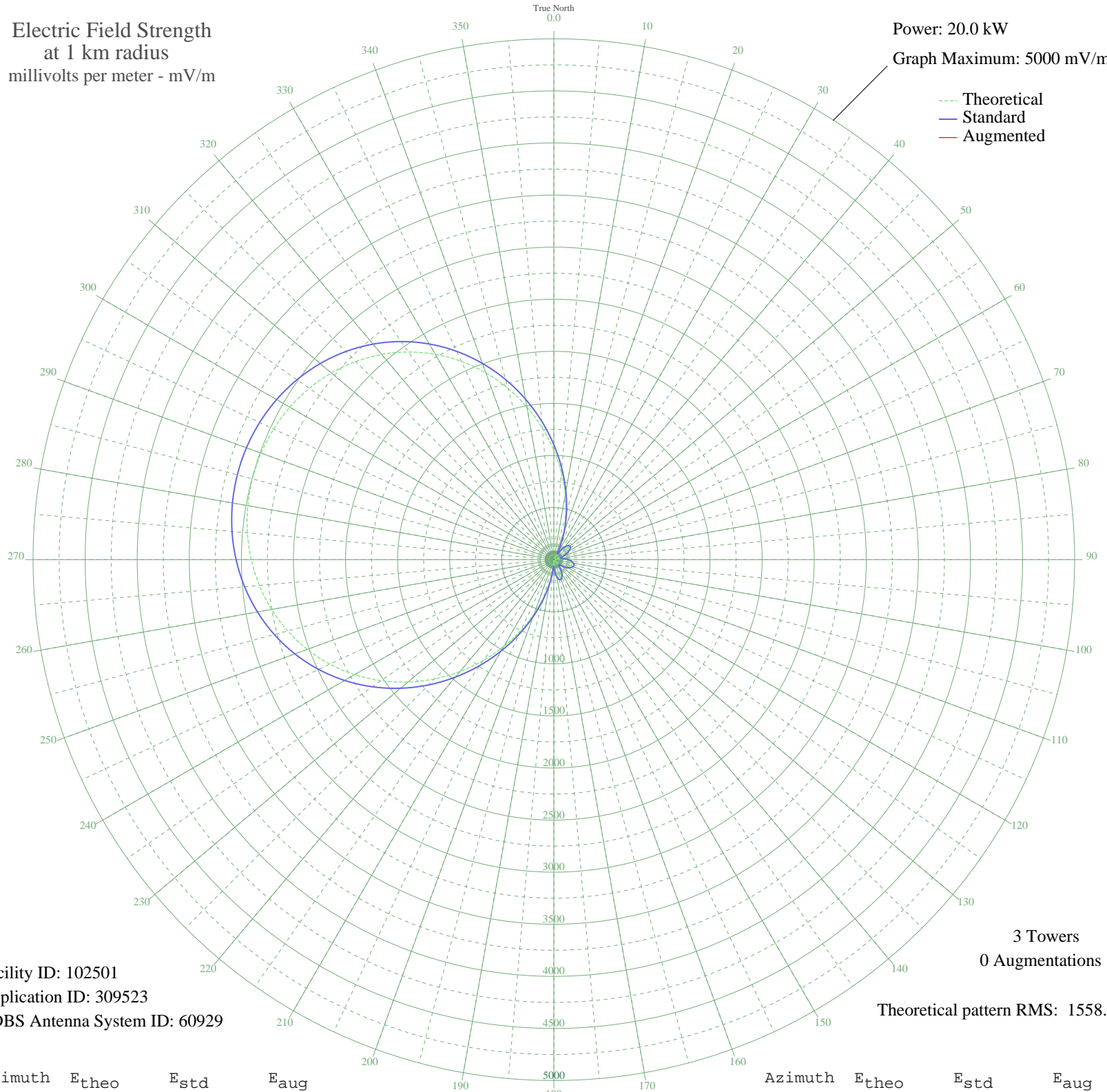


XEAD TONALA, JA Mexico -- 1150 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 102501
Application ID: 309523
CDBS Antenna System ID: 60929

3 Towers
0 Augmentations

Theoretical pattern RMS: 1558.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1049.13	1103.27	
5	834.76	878.63	
10	631.15	665.52	
15	443.40	469.56	
20	275.98	296.15	
25	132.48	151.93	
30	15.37	63.19	
35	74.13	98.95	
40	136.10	155.42	
45	171.83	190.48	
50	183.68	202.31	
55	174.91	193.55	
60	149.40	168.34	
65	111.37	131.93	
70	65.18	91.74	
75	15.07	63.11	
80	35.00	71.29	
85	81.52	105.16	
90	121.50	141.45	
95	152.56	171.44	
100	172.93	191.57	
105	181.50	200.12	
110	177.81	196.44	
115	162.06	180.80	
120	135.11	154.46	
125	98.45	120.07	
130	54.22	83.50	
135	5.17	61.33	
140	45.37	77.47	
145	93.63	115.74	
150	135.44	154.78	
155	166.49	185.18	
160	182.44	201.07	
165	179.27	197.90	
170	153.43	172.30	
175	102.18	123.46	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	23.77	65.99	
185	82.37	105.89	
190	215.54	234.42	
195	373.77	397.18	
200	553.88	584.77	
205	751.73	791.68	
210	962.43	1012.40	
215	1180.66	1241.20	
220	1401.01	1472.33	
225	1618.26	1700.27	
230	1827.70	1920.06	
235	2025.29	2127.44	
240	2207.80	2319.00	
245	2372.86	2492.26	
250	2518.93	2645.58	
255	2645.18	2778.11	
260	2751.40	2889.61	
265	2837.81	2980.33	
270	2904.90	3050.75	
275	2953.24	3101.51	
280	2983.39	3133.15	
285	2995.73	3146.11	
290	2990.45	3140.56	
295	2967.46	3116.43	
300	2926.45	3073.38	
305	2866.93	3010.90	
310	2788.32	2928.37	
315	2690.06	2825.23	
320	2571.82	2701.11	
325	2433.63	2556.04	
330	2276.03	2390.61	
335	2100.26	2206.12	
340	1908.36	2004.71	
345	1703.22	1789.42	
350	1488.56	1564.18	
355	1268.84	1333.69	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission