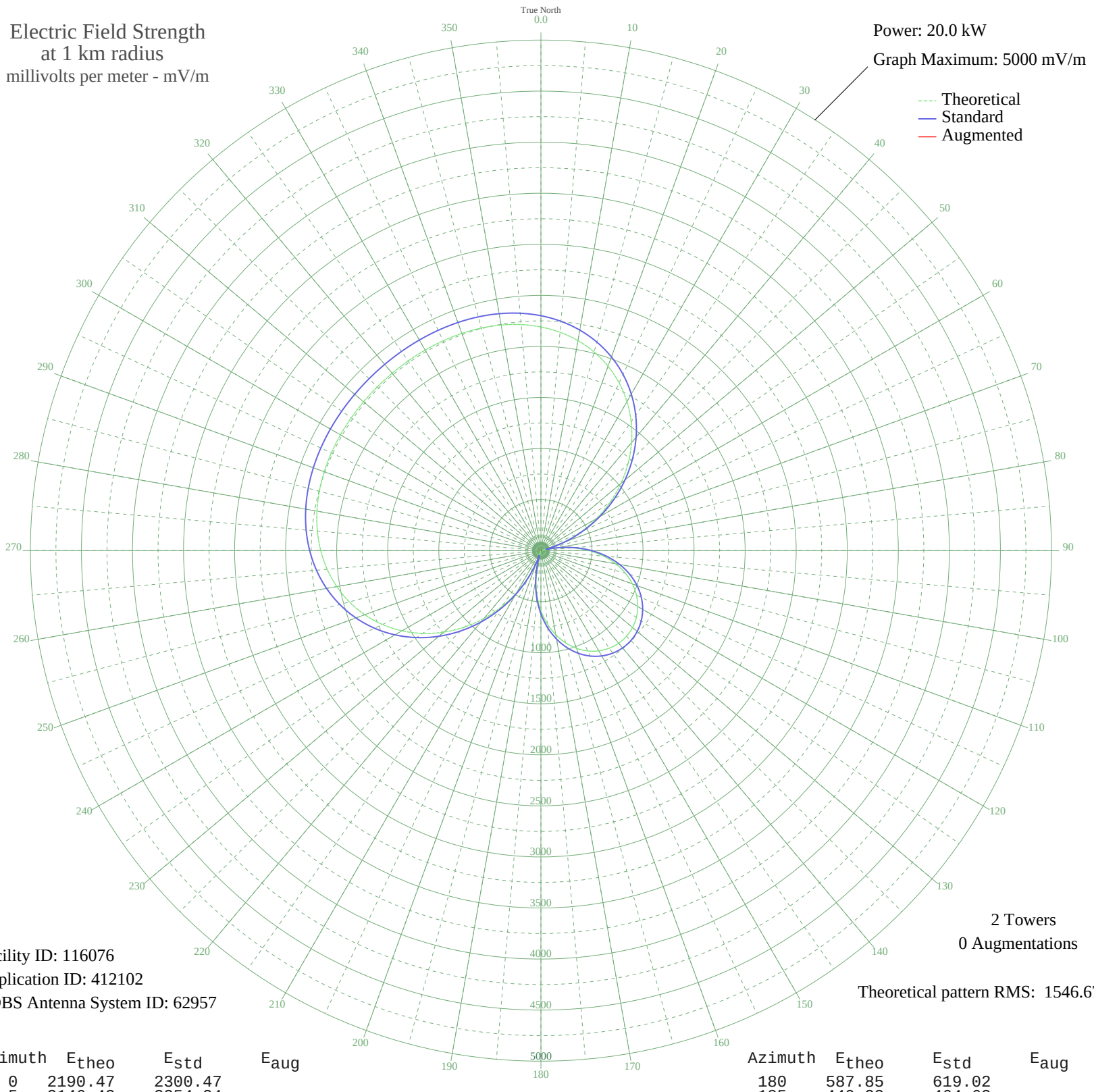
XEZJ1 GUADALAJARA, JA Mexico -- 1480 kHz

Daytime

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



Power: 20.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 116076
Application ID: 412102
CDBS Antenna System ID: 62957

Theoretical pattern RMS: 1546.67

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2190.47	2300.47	
5	2146.43	2254.24	
10	2088.00	2192.90	
15	2013.54	2114.73	
20	1921.87	2018.51	
25	1812.37	1903.57	
30	1685.05	1769.93	
35	1540.61	1618.32	
40	1380.44	1450.22	
45	1206.56	1267.75	
50	1021.57	1073.68	
55	828.52	871.21	
60	630.74	663.93	
65	431.70	455.71	
70	234.84	251.01	
75	43.41	65.44	
80	139.64	153.96	
85	311.78	330.72	
90	470.94	496.71	
95	615.55	648.03	
100	744.50	783.13	
105	857.11	901.19	
110	953.06	1001.82	
115	1032.30	1084.93	
120	1094.96	1150.66	
125	1141.25	1199.23	
130	1171.43	1230.90	
135	1185.68	1245.84	
140	1184.09	1244.18	
145	1166.67	1225.91	
150	1133.29	1190.88	
155	1083.74	1138.90	
160	1017.79	1069.71	
165	935.21	983.09	
170	835.91	878.97	
175	720.00	757.45	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	587.85	619.02	
185	440.23	464.62	
190	278.33	295.99	
195	103.83	118.70	
200	81.11	97.26	
205	273.87	291.38	
210	471.44	497.23	
215	670.50	705.59	
220	867.62	912.21	
225	1059.31	1113.27	
230	1242.31	1305.27	
235	1413.64	1485.07	
240	1570.81	1650.02	
245	1711.92	1798.13	
250	1835.70	1928.06	
255	1941.62	2039.24	
260	2029.77	2131.78	
265	2100.92	2206.46	
270	2156.33	2264.63	
275	2197.71	2308.08	
280	2227.06	2338.89	
285	2246.54	2359.33	
290	2258.33	2371.71	
295	2264.52	2378.21	
300	2267.03	2380.84	
305	2267.45	2381.28	
310	2267.04	2380.86	
315	2266.66	2380.45	
320	2266.71	2380.51	
325	2267.14	2380.96	
330	2267.46	2381.30	
335	2266.74	2380.54	
340	2263.64	2377.28	
345	2256.48	2369.77	
350	2243.33	2355.96	
355	2222.05	2333.63	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission