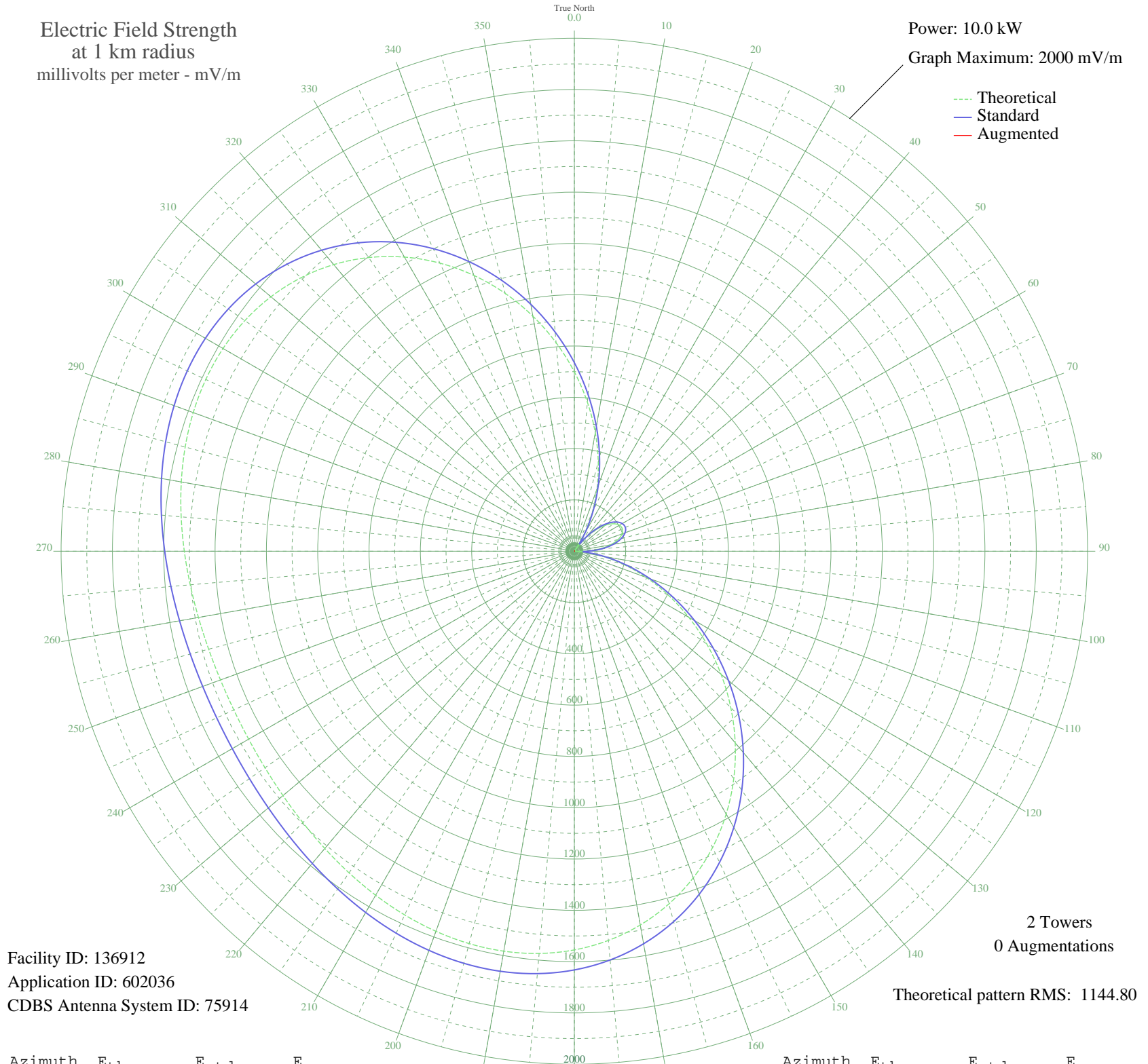


XEMR1 MONTERREY, NL Mexico -- 1140 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 136912
Application ID: 602036
CDBS Antenna System ID: 75914

2 Towers
0 Augmentations
Theoretical pattern RMS: 1144.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	699.53	735.26	
5	583.25	613.31	
10	469.43	494.02	
15	360.12	379.58	
20	257.15	272.04	
25	162.09	173.40	
30	76.24	86.66	
35	0.63	33.21	
40	63.94	74.90	
45	116.91	127.16	
50	157.87	169.05	
55	186.55	198.68	
60	202.82	215.53	
65	206.57	219.43	
70	197.81	210.34	
75	176.56	188.34	
80	142.94	153.72	
85	97.14	107.27	
90	39.48	53.11	
95	29.59	45.47	
100	109.40	119.57	
105	199.07	211.65	
110	297.47	314.11	
115	403.18	424.64	
120	514.53	541.28	
125	629.59	661.90	
130	746.24	784.25	
135	862.22	905.94	
140	975.21	1024.51	
145	1082.96	1137.60	
150	1183.35	1242.96	
155	1274.53	1338.66	
160	1354.96	1423.10	
165	1423.56	1495.11	
170	1479.68	1554.02	
175	1523.18	1599.69	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1554.38	1632.44	
185	1574.06	1653.09	
190	1583.35	1662.84	
195	1583.71	1663.23	
200	1576.82	1656.00	
205	1564.48	1643.04	
210	1548.52	1626.28	
215	1530.72	1607.60	
220	1512.76	1588.75	
225	1496.13	1571.28	
230	1482.08	1556.54	
235	1471.63	1545.57	
240	1465.47	1539.11	
245	1464.03	1537.59	
250	1467.39	1541.11	
255	1475.33	1549.45	
260	1487.32	1562.04	
265	1502.54	1578.01	
270	1519.86	1596.20	
275	1537.95	1615.19	
280	1555.22	1633.32	
285	1569.95	1648.79	
290	1580.34	1659.68	
295	1584.53	1664.09	
300	1580.79	1660.16	
305	1567.50	1646.21	
310	1543.34	1620.85	
315	1507.29	1583.00	
320	1458.75	1532.05	
325	1397.59	1467.85	
330	1324.16	1390.76	
335	1239.27	1301.66	
340	1144.20	1201.87	
345	1040.63	1093.17	
350	930.52	977.61	
355	816.05	857.50	