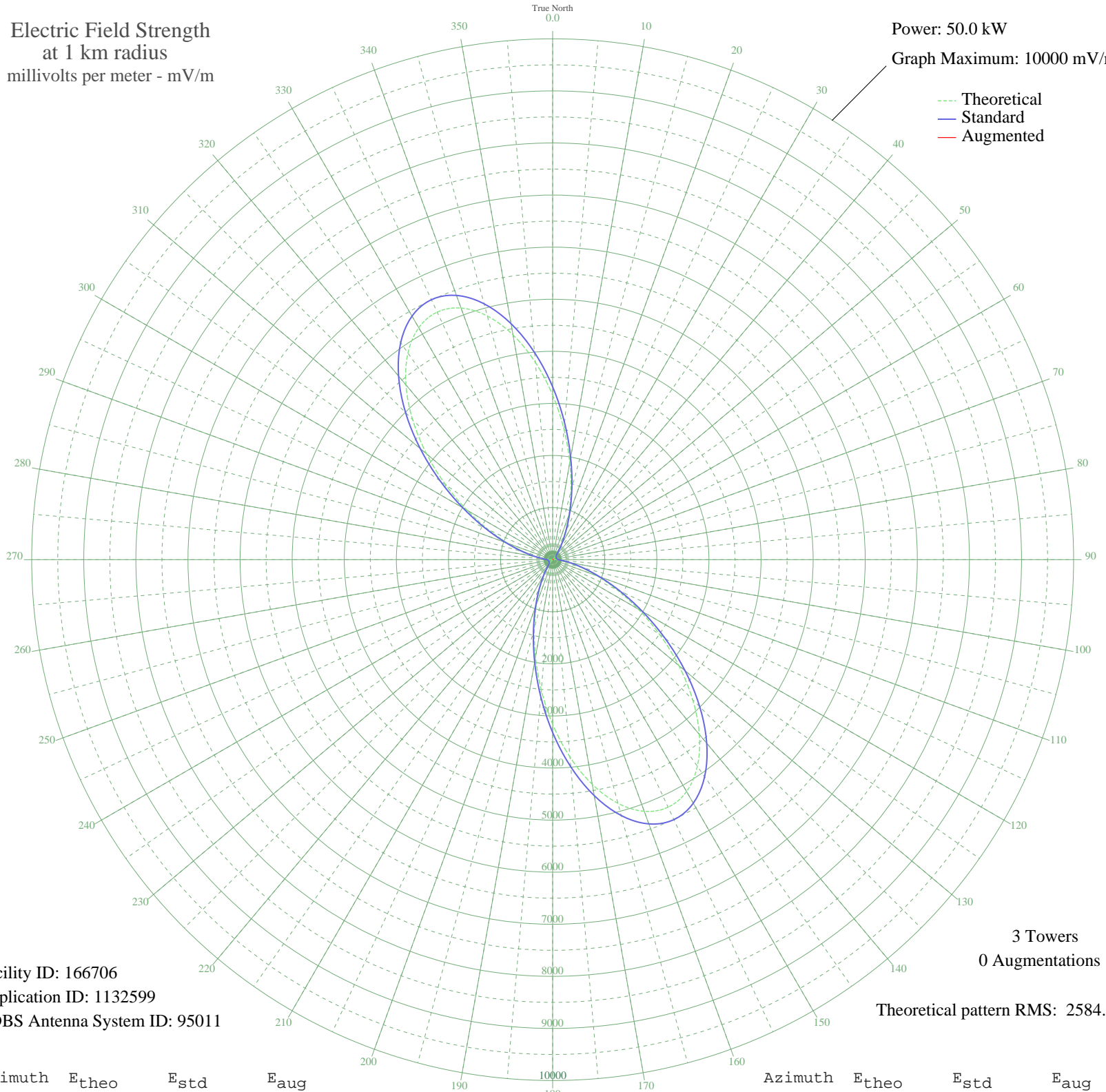


XEPRS RANCHO DEL MAR, BC Mexico -- 1090 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 166706
Application ID: 1132599
CDBS Antenna System ID: 95011

3 Towers
0 Augmentations

Theoretical pattern RMS: 2584.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3159.21	3318.25	
5	2507.89	2634.63	
10	1894.56	1991.08	
15	1354.34	1424.56	
20	908.31	957.45	
25	563.86	598.02	
30	316.83	343.19	
35	154.80	183.10	
40	60.52	105.57	
45	15.13	85.79	
50	0.68	84.31	
55	1.91	84.33	
60	7.37	84.66	
65	9.98	84.95	
70	7.37	84.66	
75	1.91	84.33	
80	0.68	84.31	
85	15.13	85.79	
90	60.52	105.57	
95	154.80	183.10	
100	316.83	343.19	
105	563.86	598.02	
110	908.31	957.45	
115	1354.34	1424.56	
120	1894.56	1991.08	
125	2507.89	2634.63	
130	3159.21	3318.25	
135	3801.58	3992.55	
140	4380.94	4600.76	
145	4843.05	5085.90	
150	5141.39	5399.12	
155	5244.54	5507.41	
160	5141.39	5399.12	
165	4843.04	5085.89	
170	4380.93	4600.75	
175	3801.58	3992.55	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3159.21	3318.24	
185	2507.88	2634.63	
190	1894.56	1991.07	
195	1354.34	1424.55	
200	908.31	957.45	
205	563.86	598.02	
210	316.83	343.19	
215	154.80	183.10	
220	60.51	105.57	
225	15.12	85.79	
230	0.68	84.31	
235	1.91	84.33	
240	7.37	84.66	
245	9.98	84.95	
250	7.37	84.66	
255	1.91	84.33	
260	0.68	84.31	
265	15.13	85.79	
270	60.52	105.57	
275	154.80	183.10	
280	316.83	343.19	
285	563.86	598.02	
290	908.32	957.45	
295	1354.35	1424.56	
300	1894.57	1991.08	
305	2507.89	2634.64	
310	3159.22	3318.25	
315	3801.58	3992.55	
320	4380.94	4600.76	
325	4843.05	5085.90	
330	5141.39	5399.12	
335	5244.54	5507.41	
340	5141.39	5399.11	
345	4843.04	5085.89	
350	4380.93	4600.75	
355	3801.57	3992.54	

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