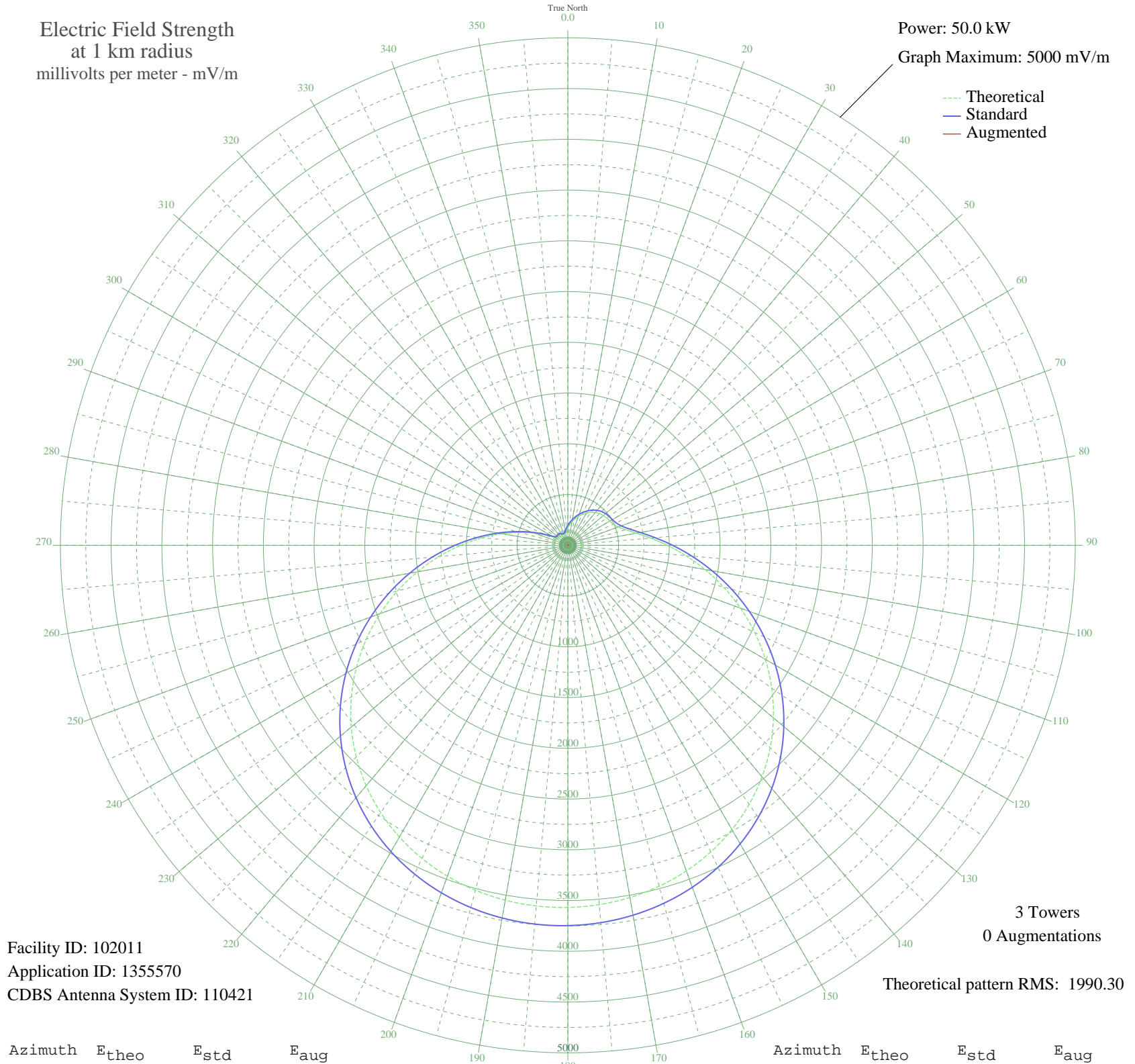


# XET MONTERREY, NL Mexico -- 990 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 102011  
Application ID: 1355570  
CDBS Antenna System ID: 110421

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1990.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	172.18	195.44	
5	203.11	225.82	
10	235.15	257.83	
15	268.01	291.04	
20	301.38	325.04	
25	334.64	359.13	
30	366.77	392.20	
35	396.39	422.78	
40	422.00	449.27	
45	442.37	470.38	
50	457.11	485.68	
55	467.54	496.50	
60	477.58	506.93	
65	494.64	524.66	
70	529.06	560.46	
75	591.25	625.23	
80	687.59	725.77	
85	818.62	862.75	
90	980.49	1032.19	
95	1167.23	1227.84	
100	1372.21	1442.73	
105	1588.82	1669.91	
110	1810.71	1902.70	
115	2032.06	2134.95	
120	2247.64	2361.19	
125	2453.05	2576.77	
130	2644.71	2777.94	
135	2819.98	2961.91	
140	2977.09	3126.82	
145	3115.07	3271.67	
150	3233.65	3396.15	
155	3333.08	3500.52	
160	3413.96	3585.43	
165	3477.11	3651.72	
170	3523.34	3700.25	
175	3553.40	3731.81	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	3567.81	3746.94	
185	3566.81	3745.89	
190	3550.33	3728.59	
195	3517.98	3694.62	
200	3469.11	3643.32	
205	3402.87	3573.79	
210	3318.36	3485.07	
215	3214.73	3376.28	
220	3091.33	3246.75	
225	2947.95	3096.24	
230	2784.90	2925.09	
235	2603.18	2734.35	
240	2404.58	2525.90	
245	2191.74	2302.53	
250	1968.10	2067.84	
255	1737.82	1826.22	
260	1505.63	1582.65	
265	1276.61	1342.49	
270	1055.92	1111.20	
275	848.57	894.09	
280	659.16	696.09	
285	491.75	521.64	
290	349.94	374.87	
295	237.38	260.08	
300	158.81	182.53	
305	119.15	145.48	
310	111.90	138.99	
315	116.13	142.77	
320	117.45	143.95	
325	112.22	139.28	
330	102.32	130.60	
335	92.62	122.35	
340	89.69	119.92	
345	98.23	127.09	
350	117.34	143.85	
355	143.04	167.55	

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