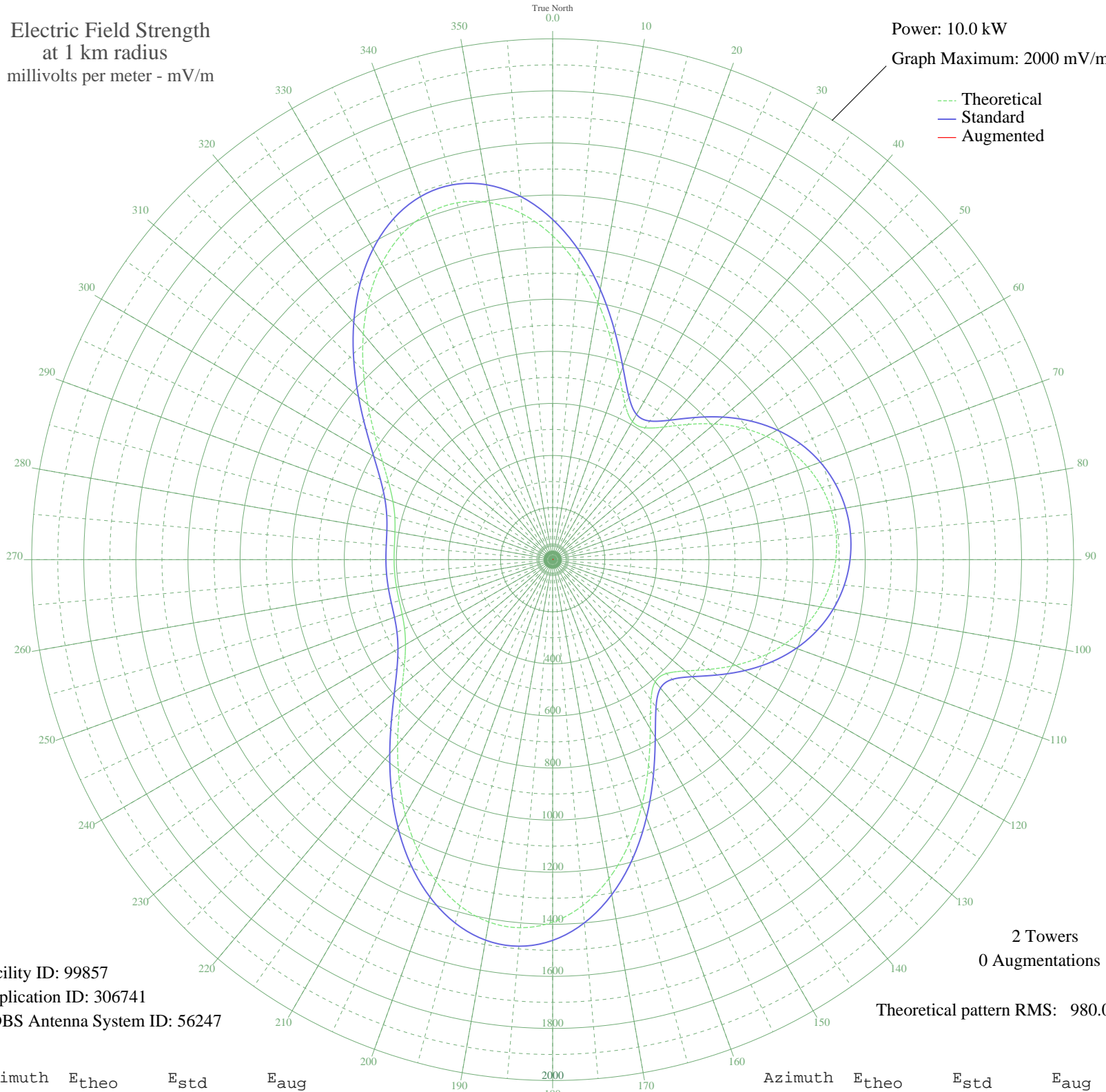


# CD 78 OSORNO, - Chile -- 780 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 99857  
Application ID: 306741  
CDBS Antenna System ID: 56247

2 Towers  
0 Augmentations

Theoretical pattern RMS: 980.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1243.72	1306.33	
5	1130.87	1187.88	
10	1002.66	1053.32	
15	870.68	914.82	
20	749.86	788.06	
25	658.16	691.86	
30	612.31	643.78	
35	618.14	649.89	
40	665.02	699.06	
45	734.45	771.88	
50	810.58	851.75	
55	883.38	928.15	
60	947.46	995.39	
65	1000.33	1050.87	
70	1041.15	1093.71	
75	1069.92	1123.91	
80	1086.98	1141.81	
85	1092.62	1147.73	
90	1086.98	1141.81	
95	1069.92	1123.91	
100	1041.15	1093.71	
105	1000.33	1050.87	
110	947.46	995.39	
115	883.38	928.15	
120	810.58	851.75	
125	734.45	771.88	
130	665.02	699.06	
135	618.14	649.89	
140	612.31	643.78	
145	658.16	691.86	
150	749.86	788.06	
155	870.68	914.82	
160	1002.66	1053.32	
165	1130.87	1187.88	
170	1243.72	1306.33	
175	1332.67	1399.69	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1391.99	1461.96	
185	1418.71	1490.02	
190	1412.55	1483.54	
195	1375.64	1444.81	
200	1312.27	1378.29	
205	1228.37	1290.22	
210	1130.97	1187.99	
215	1027.68	1079.58	
220	926.09	972.96	
225	833.19	875.48	
230	754.68	793.11	
235	694.15	729.61	
240	652.38	685.80	
245	627.28	659.48	
250	614.70	646.29	
255	609.89	641.24	
260	608.76	640.06	
265	608.68	639.98	
270	608.76	640.06	
275	609.89	641.24	
280	614.70	646.29	
285	627.28	659.48	
290	652.38	685.80	
295	694.15	729.61	
300	754.68	793.11	
305	833.19	875.48	
310	926.09	972.96	
315	1027.68	1079.58	
320	1130.97	1187.99	
325	1228.37	1290.22	
330	1312.28	1378.29	
335	1375.64	1444.81	
340	1412.55	1483.54	
345	1418.71	1490.02	
350	1391.99	1461.96	
355	1332.67	1399.69	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission