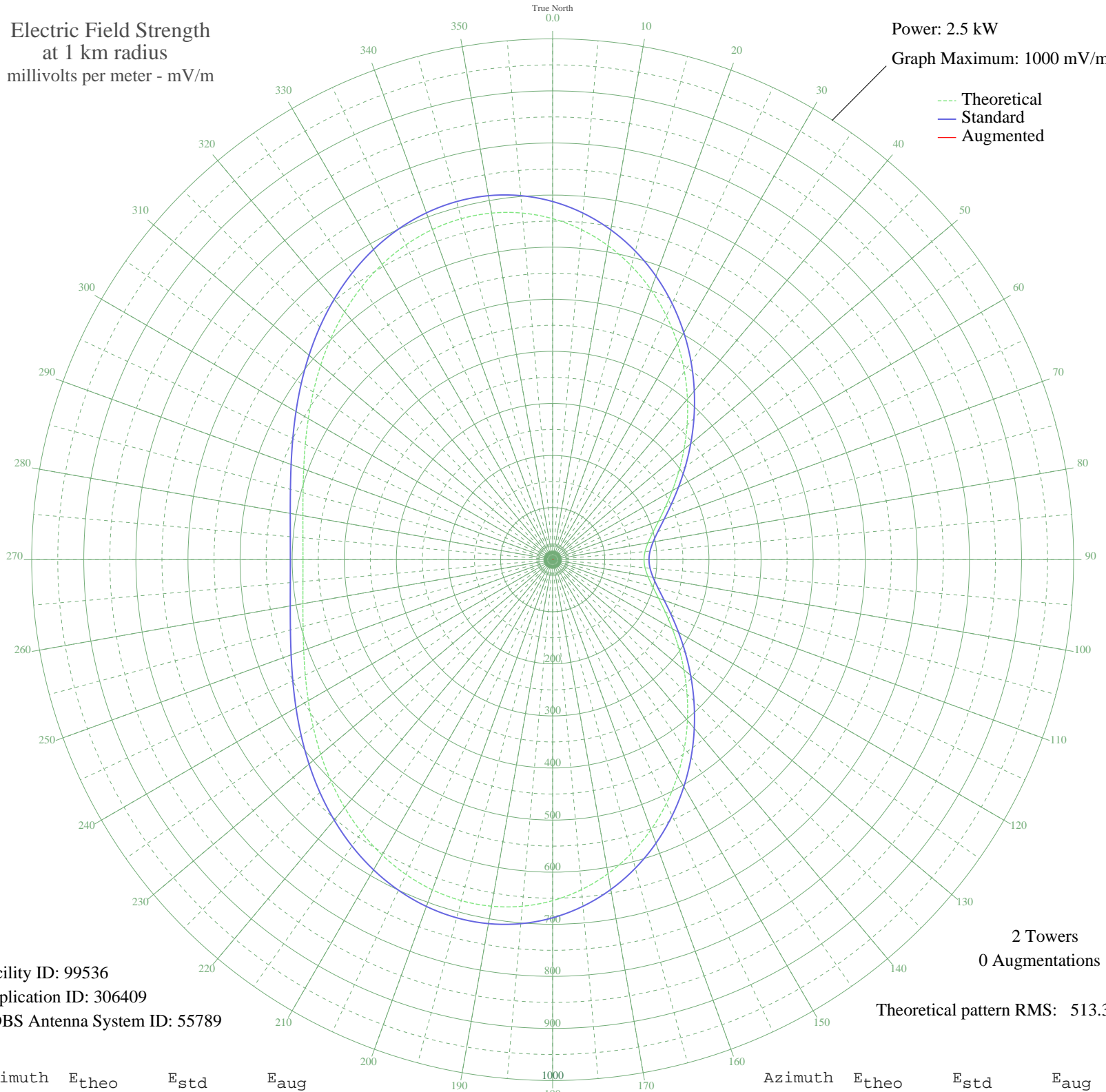


# CD69 ANCUD, - Chile -- 690 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 99536  
Application ID: 306409  
CDBS Antenna System ID: 55789

2 Towers  
0 Augmentations

Theoretical pattern RMS: 513.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	654.68	687.62	
5	635.97	667.97	
10	612.16	642.99	
15	583.82	613.23	
20	551.64	579.46	
25	516.48	542.56	
30	479.26	503.50	
35	440.95	463.29	
40	402.52	422.97	
45	364.90	383.51	
50	328.98	345.83	
55	295.53	310.75	
60	265.25	279.00	
65	238.71	251.19	
70	216.39	227.82	
75	198.67	209.26	
80	185.81	195.81	
85	178.03	187.67	
90	175.42	184.94	
95	178.03	187.67	
100	185.81	195.81	
105	198.67	209.26	
110	216.39	227.82	
115	238.71	251.19	
120	265.25	279.00	
125	295.53	310.75	
130	328.98	345.83	
135	364.90	383.51	
140	402.52	422.97	
145	440.95	463.29	
150	479.26	503.50	
155	516.48	542.56	
160	551.64	579.46	
165	583.82	613.23	
170	612.16	642.99	
175	635.97	667.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	654.68	687.62	
185	667.95	701.54	
190	675.61	709.59	
195	677.75	711.83	
200	674.63	708.56	
205	666.73	700.27	
210	654.68	687.62	
215	639.24	671.41	
220	621.25	652.52	
225	601.60	631.90	
230	581.20	610.48	
235	560.91	589.19	
240	541.57	568.89	
245	523.90	550.35	
250	508.55	534.24	
255	496.05	521.12	
260	486.82	511.44	
265	481.17	505.50	
270	479.26	503.50	
275	481.17	505.50	
280	486.83	511.44	
285	496.05	521.12	
290	508.55	534.24	
295	523.90	550.35	
300	541.57	568.89	
305	560.92	589.19	
310	581.20	610.48	
315	601.60	631.90	
320	621.25	652.52	
325	639.24	671.41	
330	654.68	687.62	
335	666.73	700.27	
340	674.63	708.56	
345	677.75	711.83	
350	675.61	709.59	
355	667.95	701.54	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission