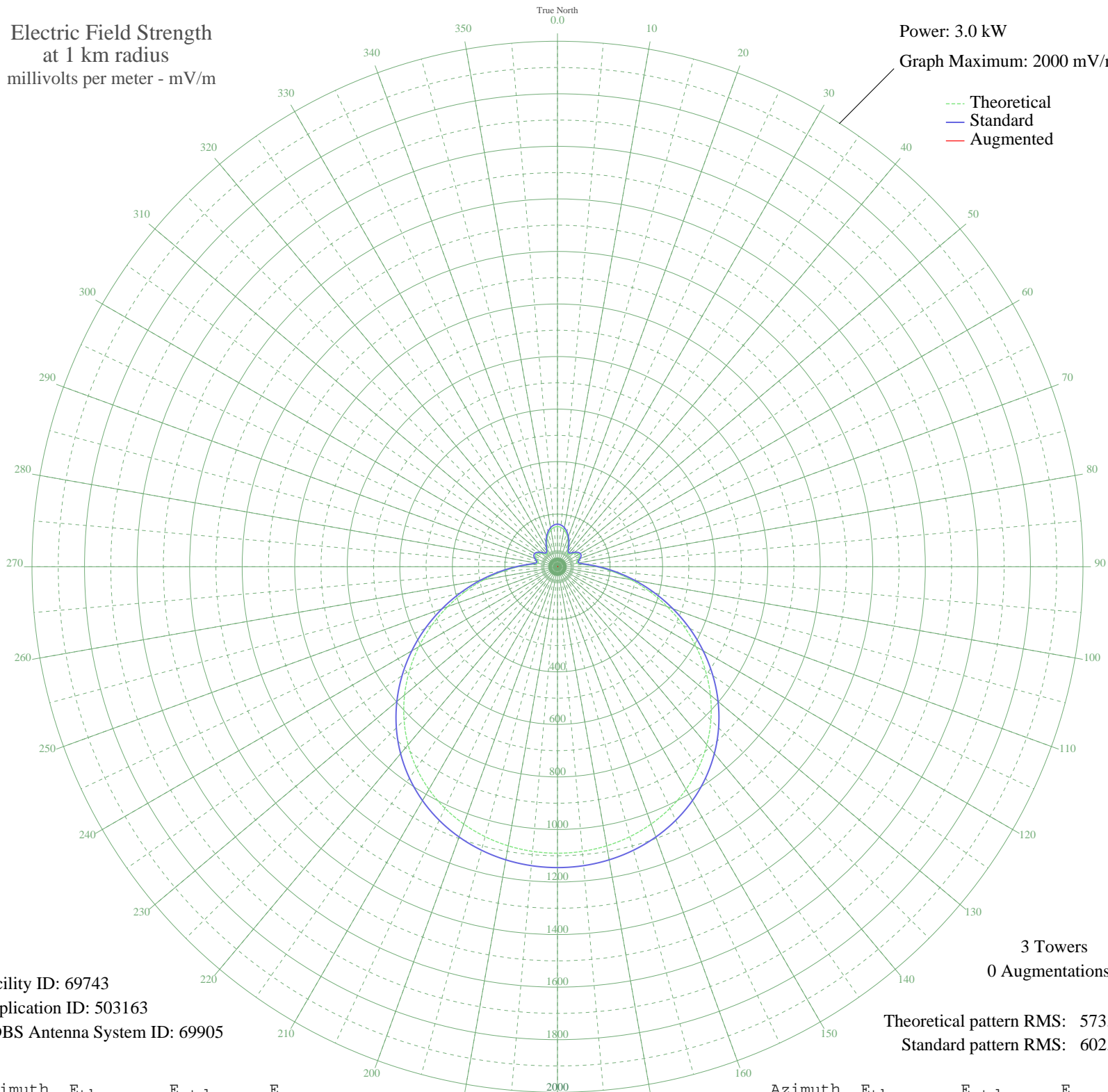


# KIRN SIMI VALLEY, CA BL-20000612AAO 670 kHz

Nighttime

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

Power: 3.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 69743  
Application ID: 503163  
CDBS Antenna System ID: 69905

3 Towers  
0 Augmentations

Theoretical pattern RMS: 573.30  
Standard pattern RMS: 602.32

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	152.98	161.93	
5	150.31	159.16	
10	142.48	151.01	
15	130.02	138.06	
20	113.90	121.35	
25	95.75	102.61	
30	78.17	84.62	
35	65.34	71.62	
40	61.91	68.18	
45	68.18	74.48	
50	78.90	85.36	
55	88.59	95.27	
60	93.71	100.52	
65	92.47	99.24	
70	85.08	91.67	
75	75.77	82.17	
80	76.60	83.02	
85	101.27	108.30	
90	148.57	157.35	
95	211.08	222.58	
100	283.61	298.50	
105	362.56	381.24	
110	444.93	467.63	
115	528.04	554.82	
120	609.51	640.31	
125	687.29	721.95	
130	759.77	798.02	
135	825.72	867.25	
140	884.36	928.80	
145	935.29	982.27	
150	978.45	1027.58	
155	1014.00	1064.90	
160	1042.27	1094.58	
165	1063.68	1117.05	
170	1078.63	1132.74	
175	1087.45	1142.00	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1090.36	1145.06	
185	1087.45	1142.00	
190	1078.63	1132.74	
195	1063.68	1117.05	
200	1042.27	1094.58	
205	1014.00	1064.90	
210	978.45	1027.58	
215	935.29	982.27	
220	884.36	928.80	
225	825.72	867.24	
230	759.77	798.02	
235	687.29	721.95	
240	609.51	640.31	
245	528.04	554.82	
250	444.93	467.63	
255	362.56	381.24	
260	283.61	298.50	
265	211.08	222.58	
270	148.57	157.35	
275	101.27	108.30	
280	76.60	83.02	
285	75.77	82.17	
290	85.08	91.67	
295	92.47	99.24	
300	93.71	100.52	
305	88.59	95.27	
310	78.90	85.36	
315	68.18	74.48	
320	61.91	68.18	
325	65.34	71.63	
330	78.17	84.62	
335	95.75	102.61	
340	113.90	121.35	
345	130.02	138.06	
350	142.48	151.01	
355	150.31	159.16	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission