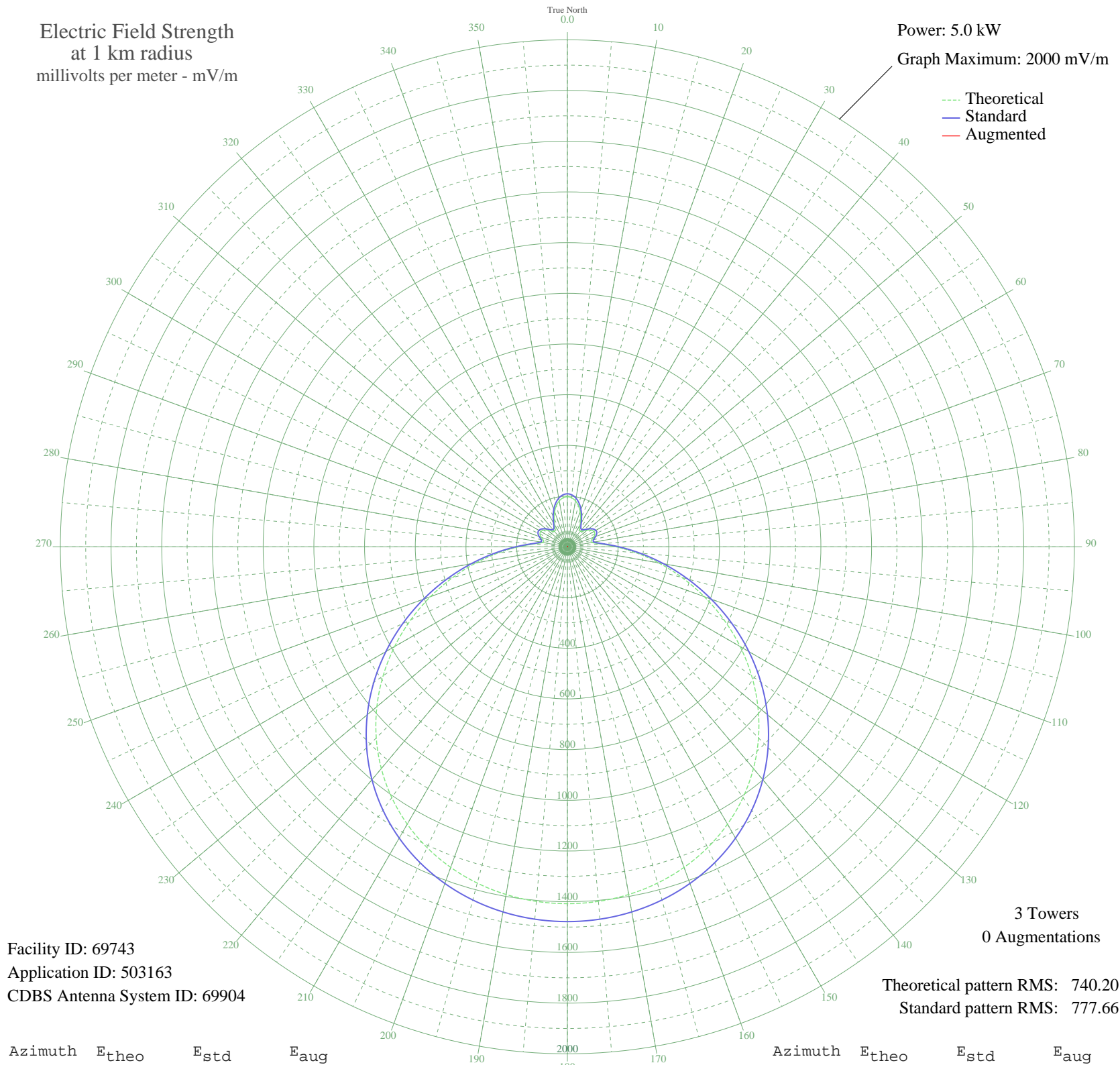


KIRN SIMI VALLEY, CA BL-20000612AAO 670 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 69743  
Application ID: 503163  
CDBS Antenna System ID: 69904

Theoretical pattern RMS: 740.20  
Standard pattern RMS: 777.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	197.51	209.08	
5	194.07	205.49	
10	183.96	194.97	
15	167.87	178.25	
20	147.07	156.68	
25	123.62	132.49	
30	100.93	109.25	
35	84.37	92.48	
40	79.94	88.03	
45	88.02	96.16	
50	101.87	110.21	
55	114.39	123.00	
60	121.00	129.79	
65	119.39	128.13	
70	109.85	118.36	
75	97.83	106.10	
80	98.90	107.19	
85	130.75	139.83	
90	191.83	203.16	
95	272.53	287.39	
100	366.18	385.41	
105	468.12	492.24	
110	574.47	603.78	
115	681.78	716.36	
120	786.96	826.74	
125	887.40	932.14	
130	980.97	1030.36	
135	1066.12	1119.74	
140	1141.83	1199.22	
145	1207.60	1268.25	
150	1263.32	1326.75	
155	1309.22	1374.93	
160	1345.73	1413.26	
165	1373.37	1442.28	
170	1392.66	1462.54	
175	1404.05	1474.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1407.81	1478.44	
185	1404.05	1474.49	
190	1392.66	1462.54	
195	1373.37	1442.28	
200	1345.72	1413.26	
205	1309.22	1374.93	
210	1263.32	1326.75	
215	1207.60	1268.25	
220	1141.83	1199.22	
225	1066.12	1119.74	
230	980.97	1030.36	
235	887.40	932.14	
240	786.96	826.74	
245	681.78	716.36	
250	574.47	603.78	
255	468.12	492.24	
260	366.18	385.40	
265	272.53	287.39	
270	191.83	203.16	
275	130.75	139.83	
280	98.90	107.19	
285	97.83	106.10	
290	109.85	118.36	
295	119.39	128.14	
300	121.00	129.79	
305	114.39	123.00	
310	101.87	110.21	
315	88.02	96.16	
320	79.94	88.03	
325	84.37	92.48	
330	100.93	109.25	
335	123.62	132.49	
340	147.07	156.68	
345	167.87	178.25	
350	183.96	194.97	
355	194.07	205.49	

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