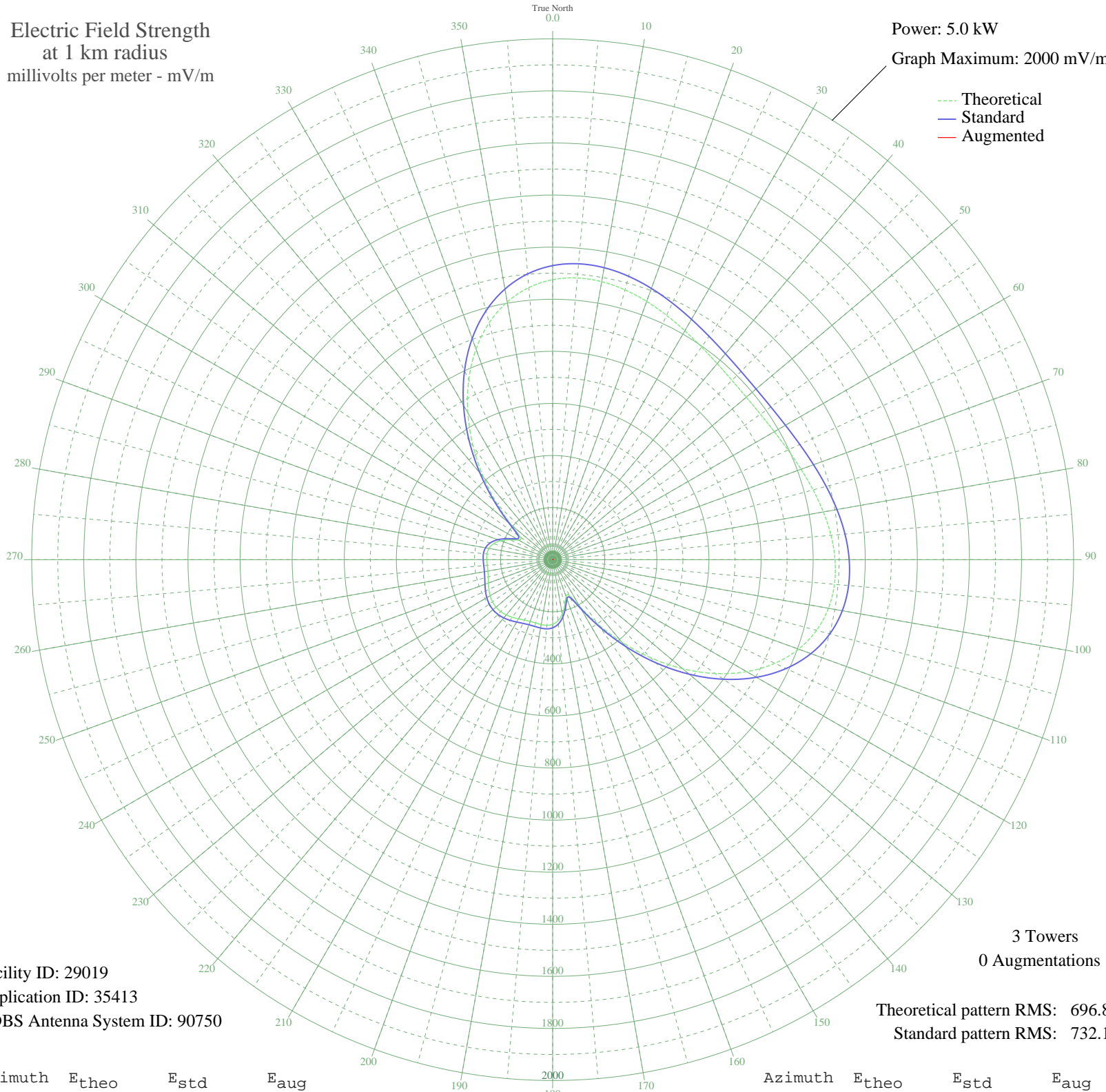


# KNUV TOLLESON, AZ BL-19811027AS 1190 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 29019  
Application ID: 35413  
CDBS Antenna System ID: 90750

3 Towers  
0 Augmentations

Theoretical pattern RMS: 696.85  
Standard pattern RMS: 732.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1075.15	1129.15	
5	1085.90	1140.44	
10	1083.96	1138.41	
15	1072.65	1126.52	
20	1055.31	1108.33	
25	1035.12	1087.13	
30	1014.84	1065.84	
35	996.74	1046.84	
40	982.60	1032.00	
45	973.63	1022.58	
50	970.56	1019.36	
55	973.63	1022.58	
60	982.60	1032.00	
65	996.74	1046.84	
70	1014.83	1065.84	
75	1035.12	1087.13	
80	1055.31	1108.33	
85	1072.65	1126.52	
90	1083.96	1138.41	
95	1085.90	1140.44	
100	1075.15	1129.15	
105	1048.78	1101.47	
110	1004.63	1055.12	
115	941.63	988.99	
120	860.15	903.46	
125	762.16	800.61	
130	651.28	684.25	
135	532.70	559.83	
140	413.05	434.34	
145	300.68	316.59	
150	207.39	219.02	
155	152.28	161.61	
160	150.50	159.76	
165	180.08	190.54	
170	212.08	223.92	
175	235.37	248.25	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	248.31	261.78	
185	252.97	266.66	
190	252.90	266.58	
195	251.76	265.39	
200	252.38	266.04	
205	256.06	269.88	
210	262.43	276.55	
215	270.05	284.52	
220	277.11	291.91	
225	282.04	297.07	
230	283.80	298.91	
235	282.04	297.07	
240	277.11	291.91	
245	270.05	284.52	
250	262.43	276.55	
255	256.06	269.88	
260	252.38	266.04	
265	251.76	265.39	
270	252.90	266.58	
275	252.97	266.66	
280	248.31	261.78	
285	235.37	248.25	
290	212.08	223.92	
295	180.08	190.54	
300	150.50	159.76	
305	152.28	161.61	
310	207.39	219.02	
315	300.68	316.59	
320	413.05	434.34	
325	532.71	559.83	
330	651.29	684.25	
335	762.16	800.61	
340	860.15	903.46	
345	941.63	988.99	
350	1004.63	1055.12	
355	1048.78	1101.47	

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