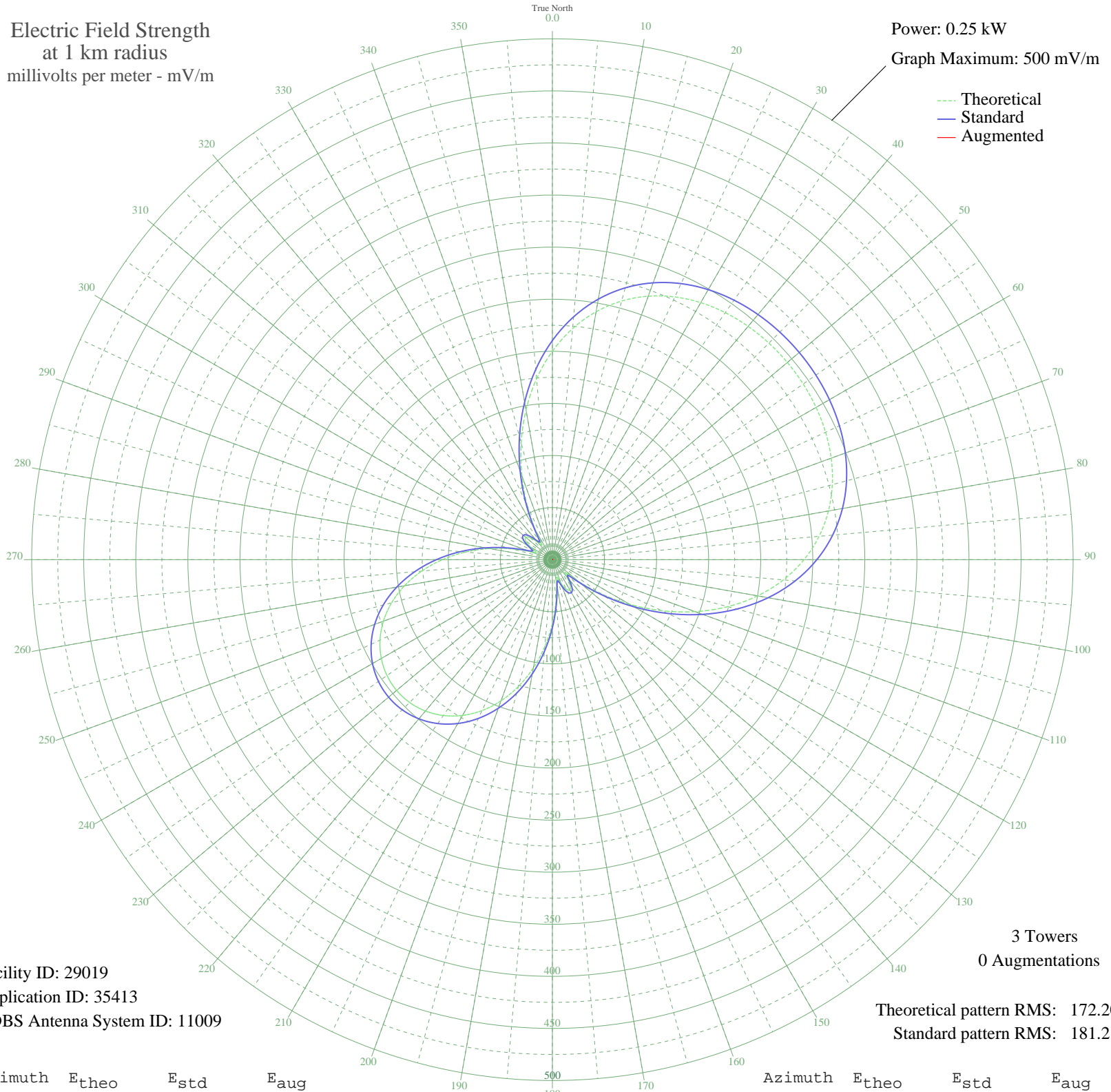


# KNUV TOLLESON, AZ BL-19811027AS 1190 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 29019  
Application ID: 35413  
CDBS Antenna System ID: 11009

3 Towers  
0 Augmentations

Theoretical pattern RMS: 172.20  
Standard pattern RMS: 181.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	200.09	210.36	
5	222.64	234.01	
10	241.64	253.94	
15	257.07	270.12	
20	269.15	282.81	
25	278.27	292.38	
30	284.88	299.31	
35	289.44	304.10	
40	292.37	307.17	
45	293.99	308.87	
50	294.50	309.41	
55	293.99	308.87	
60	292.37	307.17	
65	289.44	304.10	
70	284.88	299.31	
75	278.27	292.38	
80	269.15	282.81	
85	257.07	270.12	
90	241.64	253.94	
95	222.64	234.01	
100	200.09	210.36	
105	174.29	183.31	
110	145.88	153.54	
115	115.88	122.12	
120	85.62	90.52	
125	56.86	60.62	
130	32.07	35.27	
135	17.45	21.11	
140	21.43	24.83	
145	29.64	32.85	
150	33.31	36.52	
155	31.24	34.44	
160	24.35	27.64	
165	17.24	20.93	
170	22.56	25.92	
175	39.94	43.23	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	61.32	65.24	
185	83.71	88.52	
190	105.59	111.36	
195	125.97	132.69	
200	144.19	151.77	
205	159.83	168.15	
210	172.67	181.61	
215	182.62	192.04	
220	189.68	199.44	
225	193.89	203.86	
230	195.29	205.32	
235	193.89	203.86	
240	189.68	199.44	
245	182.62	192.04	
250	172.67	181.61	
255	159.83	168.15	
260	144.19	151.77	
265	125.97	132.69	
270	105.59	111.36	
275	83.71	88.52	
280	61.32	65.24	
285	39.94	43.23	
290	22.56	25.92	
295	17.24	20.93	
300	24.35	27.64	
305	31.24	34.44	
310	33.31	36.52	
315	29.64	32.85	
320	21.43	24.83	
325	17.45	21.12	
330	32.07	35.27	
335	56.86	60.62	
340	85.62	90.52	
345	115.88	122.12	
350	145.88	153.54	
355	174.29	183.31	

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission