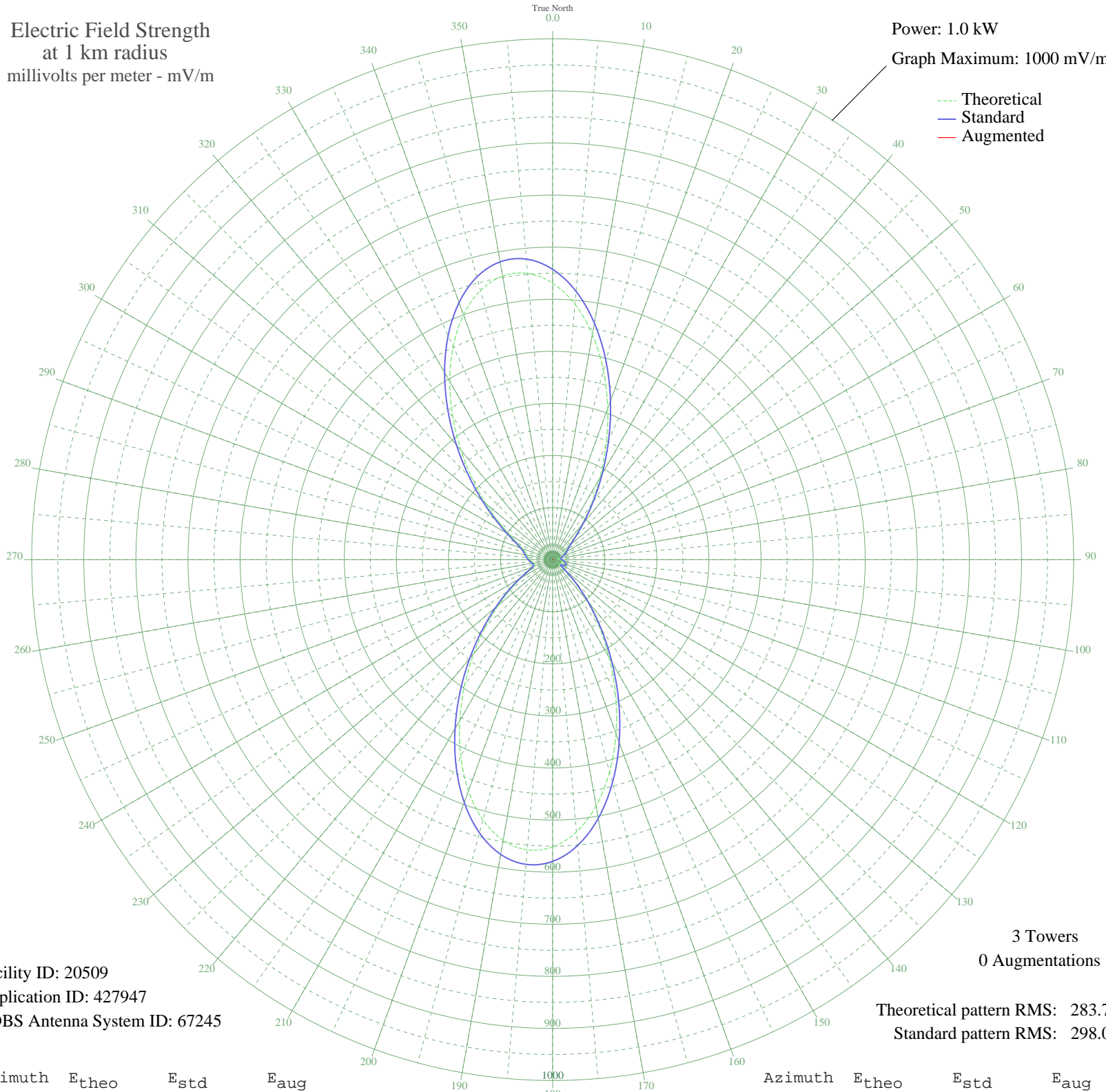


# KANN ROY, UT BML-1999112ACR 1120 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 20509  
Application ID: 427947  
CDBS Antenna System ID: 67245

Theoretical pattern RMS: 283.71  
Standard pattern RMS: 298.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	530.83	557.47	
5	492.20	516.92	
10	439.11	461.19	
15	376.24	395.19	
20	308.87	324.48	
25	242.25	254.58	
30	180.96	190.30	
35	128.55	135.39	
40	87.36	92.33	
45	58.51	62.32	
50	41.48	44.80	
55	33.04	36.24	
60	28.18	31.40	
65	23.62	26.93	
70	18.62	22.19	
75	14.00	18.06	
80	11.30	15.85	
85	11.65	16.12	
90	14.09	18.15	
95	17.23	20.92	
100	20.35	23.81	
105	22.91	26.25	
110	24.05	27.35	
115	22.59	25.94	
120	17.68	21.32	
125	13.63	17.75	
130	27.80	31.02	
135	58.30	62.11	
140	100.91	106.47	
145	154.39	162.45	
150	216.89	227.98	
155	285.33	299.78	
160	355.44	373.36	
165	422.17	443.40	
170	480.17	504.29	
175	524.58	550.90	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	551.62	579.30	
185	559.19	587.24	
190	547.10	574.55	
195	517.06	543.01	
200	472.35	496.08	
205	417.30	438.29	
210	356.63	374.61	
215	294.85	309.77	
220	235.78	247.79	
225	182.28	191.68	
230	136.18	143.37	
235	98.38	103.84	
240	69.24	73.46	
245	48.95	52.46	
250	37.74	40.99	
255	34.68	37.89	
260	36.54	39.78	
265	40.07	43.37	
270	43.66	47.03	
275	46.87	50.32	
280	50.02	53.56	
285	54.23	57.91	
290	61.59	65.52	
295	74.83	79.27	
300	96.29	101.65	
305	127.23	134.00	
310	167.75	176.45	
315	217.04	228.14	
320	273.34	287.20	
325	333.88	350.73	
330	394.91	414.78	
335	451.93	474.64	
340	500.15	525.26	
345	535.02	561.87	
350	552.89	580.63	
355	551.61	579.28	

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