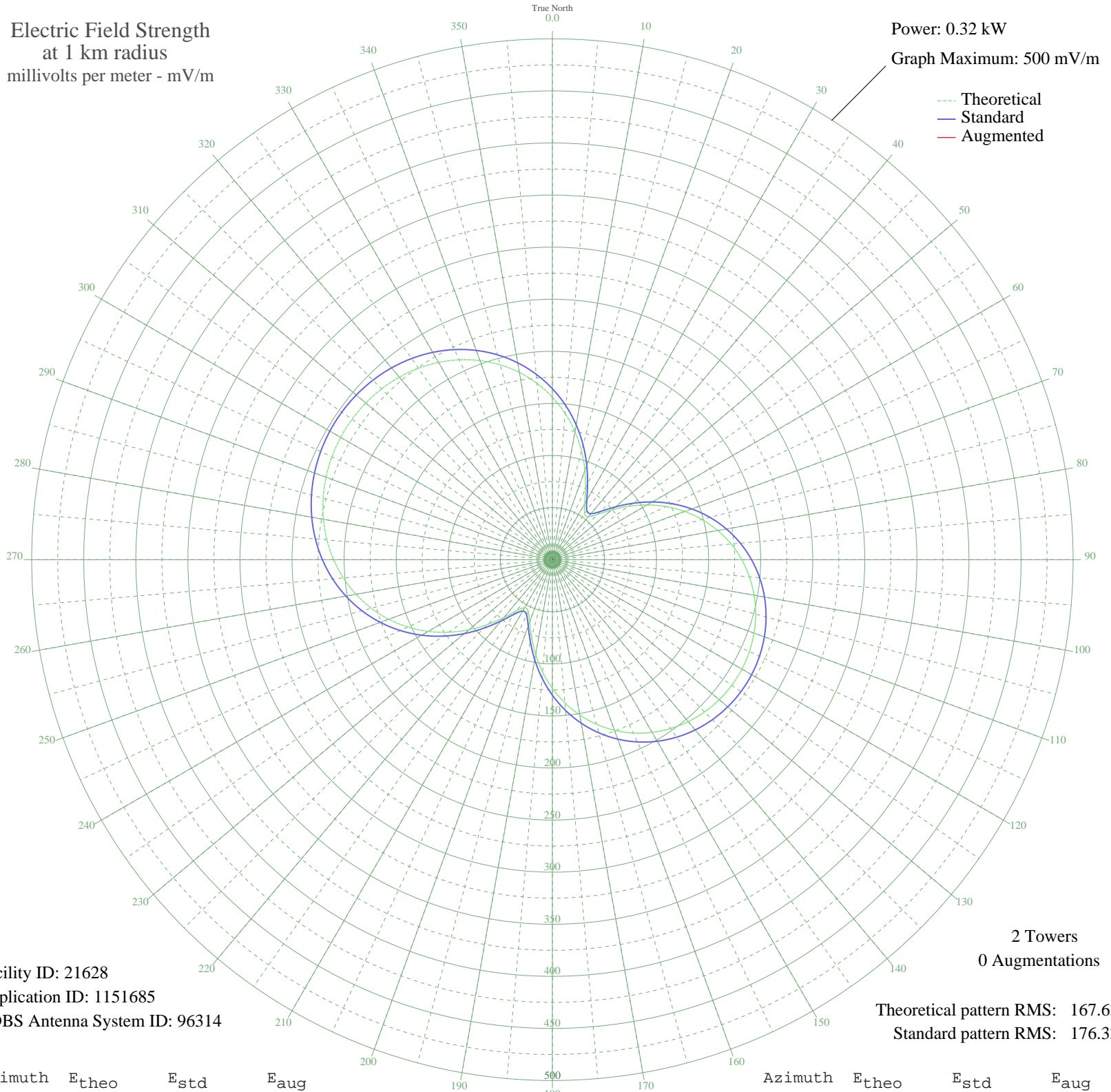


KJOL GRAND JUNCTION, CO BP-20061005ACM 620 kHz

Nighttime

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

Power: 0.32 kW
Graph Maximum: 500 mV/m



Facility ID: 21628
Application ID: 1151685
CDBS Antenna System ID: 96314

2 Towers
0 Augmentations

Theoretical pattern RMS: 167.63
Standard pattern RMS: 176.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	155.98	164.11	
5	140.86	148.28	
10	124.77	131.43	
15	108.06	113.95	
20	91.30	96.44	
25	75.44	79.90	
30	62.13	66.07	
35	54.04	57.70	
40	53.88	57.54	
45	61.56	65.49	
50	74.27	78.69	
55	89.30	94.35	
60	105.02	110.77	
65	120.50	126.96	
70	135.23	142.38	
75	148.88	156.67	
80	161.26	169.64	
85	172.26	181.17	
90	181.83	191.21	
95	189.98	199.75	
100	196.70	206.80	
105	202.04	212.40	
110	206.03	216.59	
115	208.71	219.39	
120	210.10	220.86	
125	210.23	220.99	
130	209.09	219.79	
135	206.67	217.26	
140	202.94	213.35	
145	197.88	208.04	
150	191.43	201.28	
155	183.58	193.04	
160	174.29	183.30	
165	163.57	172.07	
170	151.46	159.38	
175	138.05	145.34	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	123.52	130.12	
185	108.15	114.05	
190	92.42	97.61	
195	77.15	81.69	
200	63.80	67.81	
205	54.86	58.55	
210	53.32	56.96	
215	59.99	63.86	
220	72.50	76.84	
225	88.01	93.01	
230	104.69	110.42	
235	121.47	127.97	
240	137.71	144.98	
245	153.04	161.04	
250	167.21	175.88	
255	180.05	189.34	
260	191.50	201.34	
265	201.51	211.85	
270	210.11	220.86	
275	217.33	228.44	
280	223.23	234.62	
285	227.86	239.49	
290	231.30	243.09	
295	233.60	245.50	
300	234.79	246.75	
305	234.89	246.86	
310	233.92	245.84	
315	231.85	243.67	
320	228.64	240.31	
325	224.25	235.70	
330	218.61	229.78	
335	211.66	222.49	
340	203.34	213.77	
345	193.61	203.56	
350	182.45	191.86	
355	169.88	178.69	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission