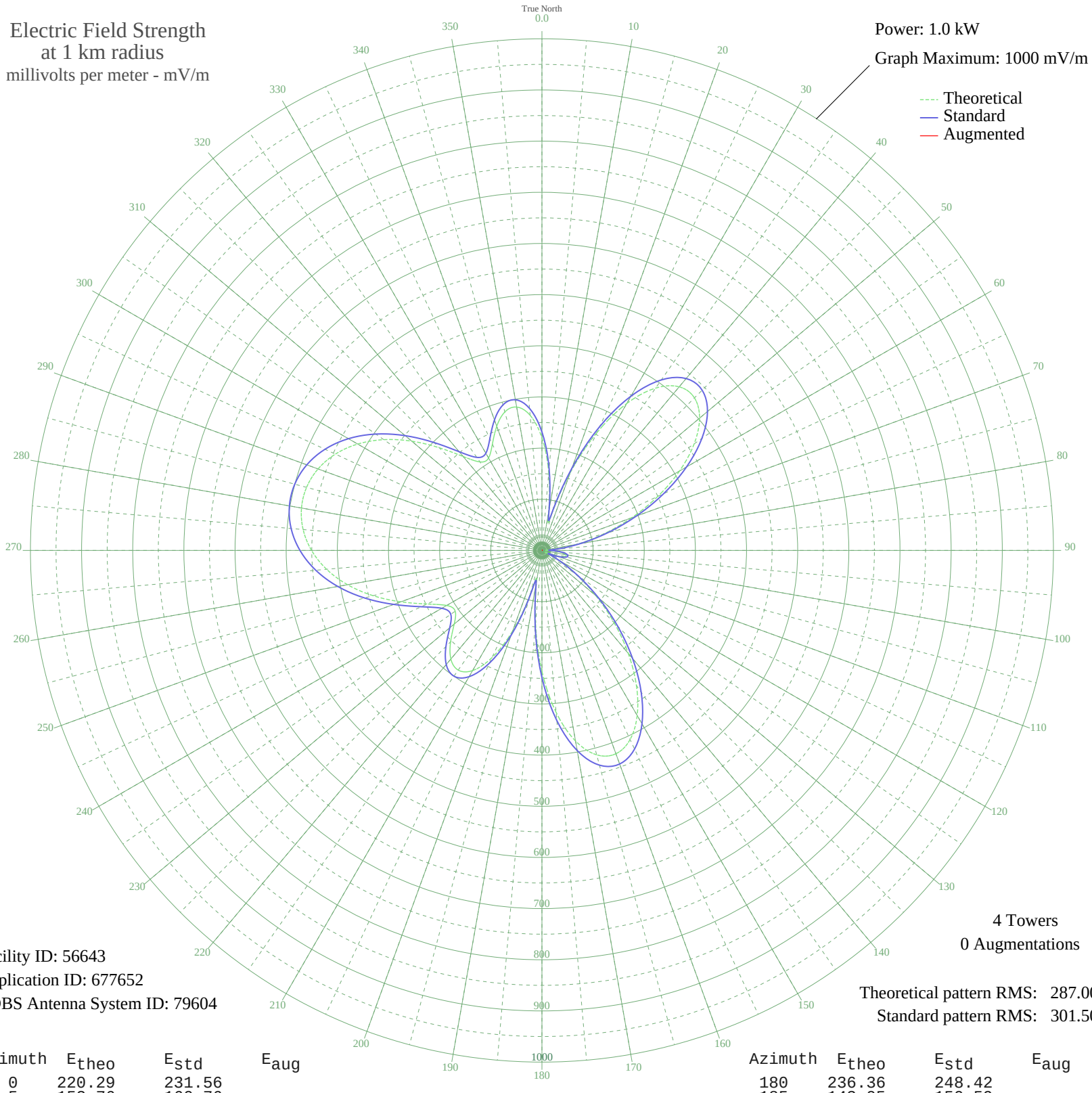
KNRV ENGLEWOOD, CO BL-20030801DEA 1150 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 56643
Application ID: 677652
CDBS Antenna System ID: 79604

Theoretical pattern RMS: 287.00
Standard pattern RMS: 301.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	220.29	231.56	
5	152.76	160.76	
10	75.89	80.42	
15	73.63	78.07	
20	162.03	170.47	
25	253.93	266.85	
30	331.59	348.34	
35	387.37	406.88	
40	417.57	438.58	
45	421.75	442.97	
50	402.25	422.50	
55	363.39	381.71	
60	310.68	326.39	
65	249.94	262.66	
70	186.69	196.32	
75	125.66	132.39	
80	70.68	75.00	
85	24.85	28.26	
90	13.37	17.74	
95	36.25	39.58	
100	47.58	51.13	
105	46.32	49.83	
110	32.51	35.82	
115	8.44	14.01	
120	33.11	36.42	
125	81.04	85.78	
130	137.49	144.78	
135	199.30	209.54	
140	262.46	275.79	
145	322.05	338.32	
150	372.46	391.23	
155	407.86	428.39	
160	422.92	444.20	
165	413.64	434.46	
170	378.19	397.25	
175	317.63	333.69	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	236.36	248.42	
185	143.05	150.59	
190	61.75	65.74	
195	90.25	95.38	
200	167.71	176.43	
205	231.26	243.07	
210	271.18	284.95	
215	285.55	300.02	
220	277.01	291.07	
225	252.58	265.43	
230	223.91	235.35	
235	206.91	217.52	
240	215.03	226.04	
245	247.71	260.32	
250	293.50	308.37	
255	341.71	358.96	
260	385.85	405.29	
265	422.59	443.85	
270	450.39	473.04	
275	468.70	492.25	
280	477.36	501.35	
285	476.40	500.34	
290	465.80	489.22	
295	445.58	467.99	
300	415.93	436.86	
305	377.54	396.57	
310	332.24	349.02	
315	283.87	298.26	
320	239.71	251.93	
325	211.18	222.00	
330	208.58	219.28	
335	229.26	240.96	
340	258.25	271.38	
345	280.28	294.50	
350	284.65	299.08	
355	265.25	278.73	