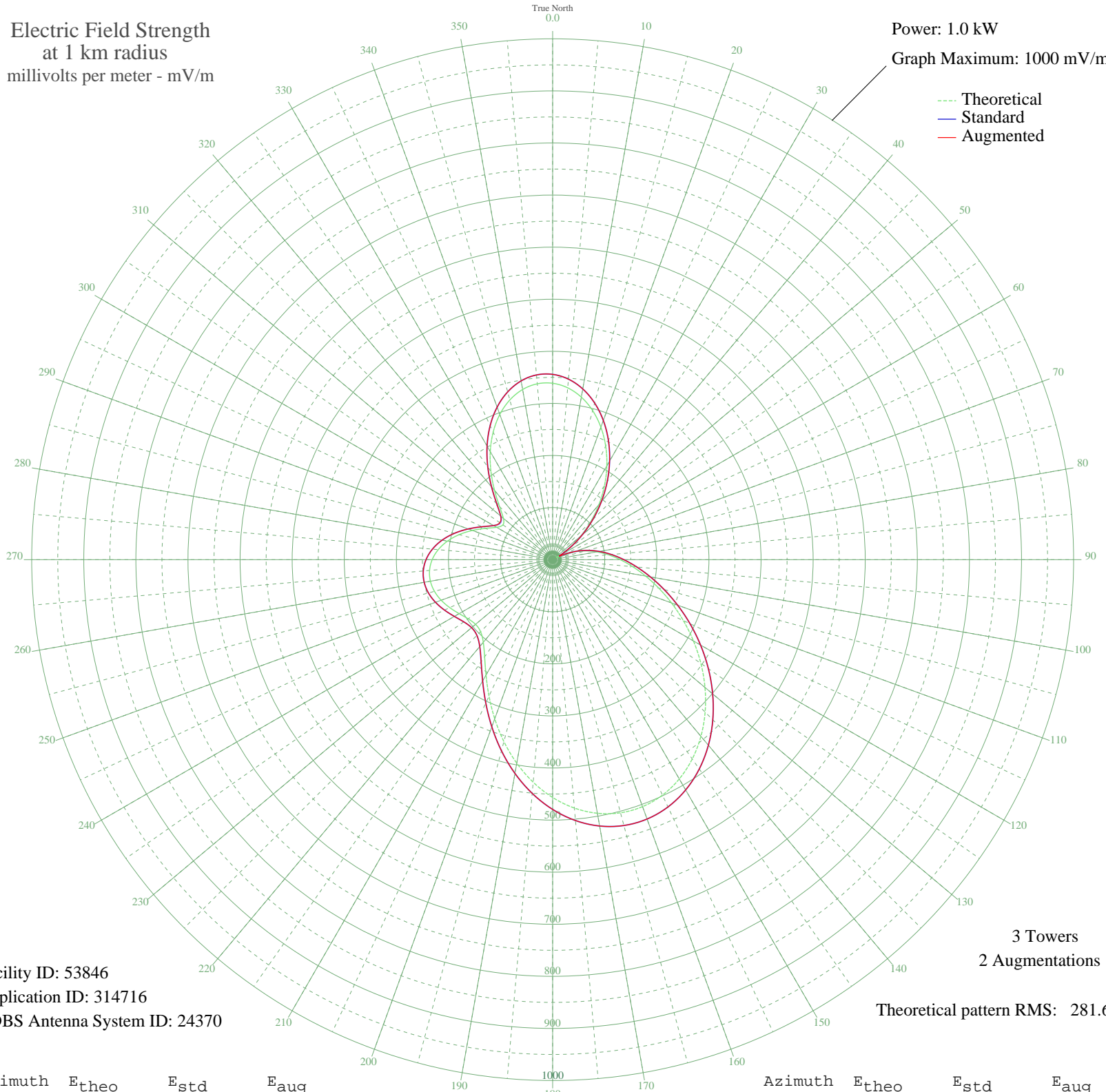


# KCSJ PUEBLO, CO BL-- 590 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 53846  
Application ID: 314716  
CDBS Antenna System ID: 24370

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	338.69	355.78	355.78
5	331.20	347.92	347.92
10	316.87	332.88	332.88
15	296.39	311.38	311.38
20	270.68	284.41	284.41
25	240.84	253.09	253.09
30	208.02	218.67	218.67
35	173.44	182.41	182.41
40	138.25	145.54	145.54
45	103.53	109.21	109.21
50	70.20	74.45	74.45
55	39.10	42.38	42.38
60	12.33	16.67	16.99
65	19.29	22.82	22.88
70	42.46	45.80	45.80
75	64.60	68.64	68.64
80	85.92	90.83	90.83
85	107.32	113.17	113.17
90	129.79	136.69	136.69
95	154.21	162.26	162.26
100	181.13	190.47	190.47
105	210.73	221.52	221.52
110	242.82	255.18	255.18
115	276.86	290.89	290.89
120	312.04	327.81	327.81
125	347.36	364.88	364.88
130	381.72	400.94	400.94
135	413.92	434.74	434.74
140	442.78	465.04	465.04
145	467.19	490.66	490.66
150	486.14	510.56	510.56
155	498.81	523.85	523.85
160	504.58	529.92	529.92
165	503.14	528.40	528.40
170	494.43	519.26	519.26
175	478.72	502.77	502.77

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	456.59	479.53	479.53
185	428.88	450.45	450.45
190	396.75	416.72	416.72
195	361.59	379.81	379.81
200	325.05	341.47	341.47
205	289.06	303.70	303.70
210	255.81	268.81	268.81
215	227.71	239.32	239.32
220	207.10	217.71	217.71
225	195.60	205.64	205.64
230	193.19	203.12	203.12
235	198.04	208.21	208.21
240	207.26	217.88	217.88
245	217.93	229.07	229.07
250	227.70	239.32	239.32
255	234.87	246.84	246.84
260	238.27	250.40	250.40
265	237.19	249.27	249.27
270	231.26	243.05	243.05
275	220.43	231.69	231.69
280	205.01	215.52	215.52
285	185.72	195.29	195.29
290	163.93	172.45	172.45
295	142.07	149.54	149.54
300	124.29	130.92	130.92
305	116.50	122.78	123.90
310	123.46	130.05	130.08
315	144.16	151.73	151.73
320	173.48	182.46	182.46
325	206.46	217.04	217.04
330	239.53	251.73	251.73
335	270.20	283.91	283.91
340	296.63	311.64	311.64
345	317.47	333.51	333.51
350	331.77	348.51	348.51
355	338.92	356.02	356.02