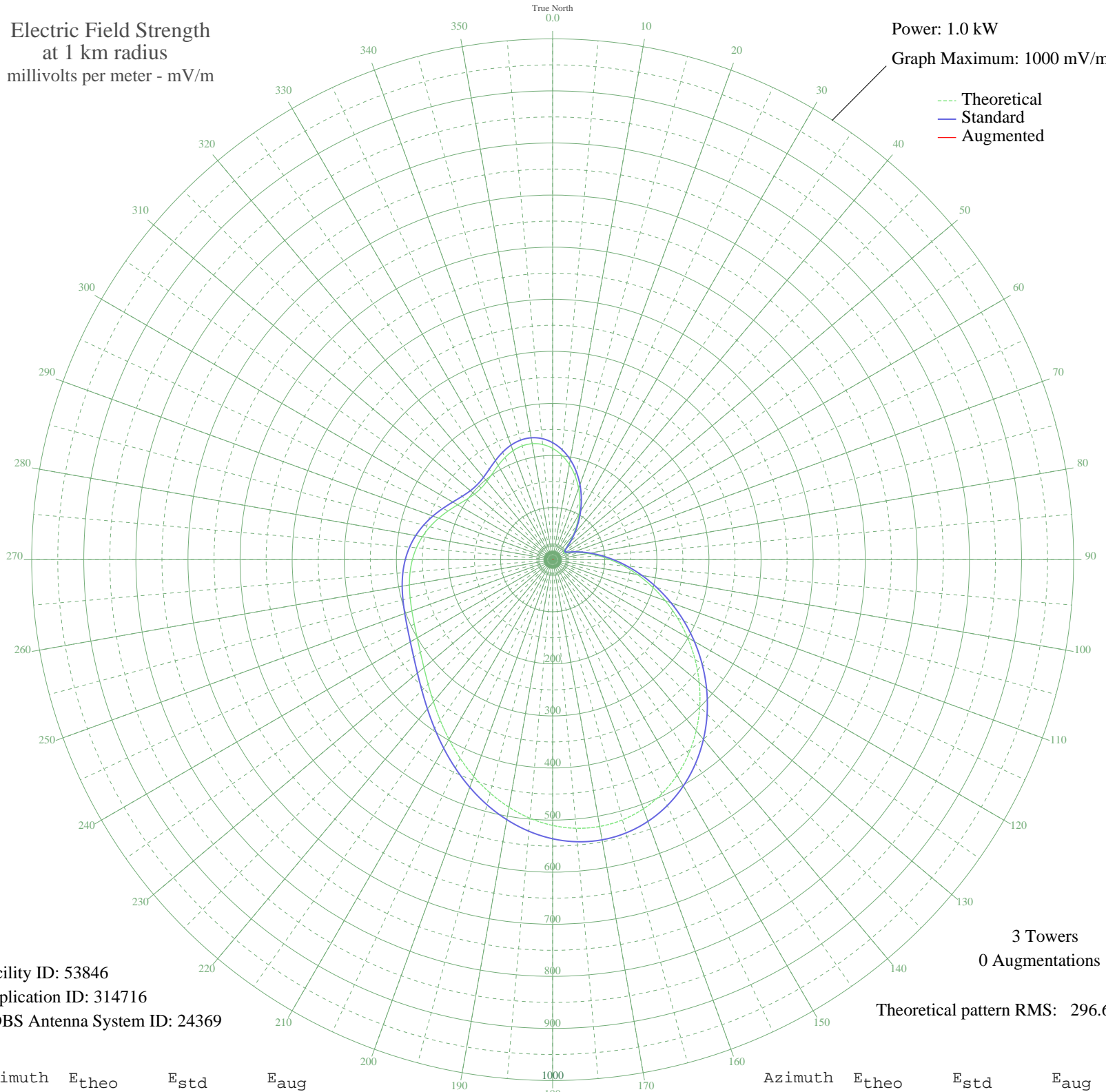


# KCSJ PUEBLO, CO BL-- 590 kHz

Daytime

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: 24369

3 Towers  
0 Augmentations

Theoretical pattern RMS: 296.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	213.68	224.61	
5	201.31	211.64	
10	185.35	194.90	
15	166.49	175.13	
20	145.58	153.22	
25	123.58	130.18	
30	101.48	107.07	
35	80.27	84.94	
40	60.90	64.80	
45	44.34	47.73	
50	31.82	35.02	
55	25.12	28.39	
60	25.44	28.70	
65	31.21	34.41	
70	40.49	43.79	
75	52.84	56.46	
80	68.52	72.70	
85	87.74	92.72	
90	110.49	116.49	
95	136.52	143.73	
100	165.45	174.04	
105	196.76	206.86	
110	229.88	241.60	
115	264.18	277.58	
120	298.98	314.10	
125	333.57	350.41	
130	367.23	385.73	
135	399.20	419.29	
140	428.75	450.31	
145	455.14	478.01	
150	477.71	501.71	
155	495.88	520.78	
160	509.18	534.75	
165	517.30	543.27	
170	520.11	546.22	
175	517.68	543.66	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	510.28	535.89	
185	498.37	523.40	
190	482.61	506.85	
195	463.79	487.09	
200	442.79	465.05	
205	420.57	441.73	
210	398.10	418.14	
215	376.31	395.27	
220	356.03	373.98	
225	337.95	355.00	
230	322.54	338.83	
235	310.01	325.68	
240	300.28	315.47	
245	292.98	307.81	
250	287.52	302.08	
255	283.17	297.51	
260	279.14	293.28	
265	274.70	288.63	
270	269.25	282.91	
275	262.37	275.69	
280	253.88	266.79	
285	243.88	256.29	
290	232.78	244.65	
295	221.33	232.63	
300	210.56	221.33	
305	201.72	212.06	
310	196.00	206.06	
315	194.19	204.17	
320	196.35	206.44	
325	201.74	212.09	
330	208.97	219.67	
335	216.42	227.49	
340	222.55	233.91	
345	226.07	237.60	
350	226.06	237.59	
355	221.98	233.32	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission