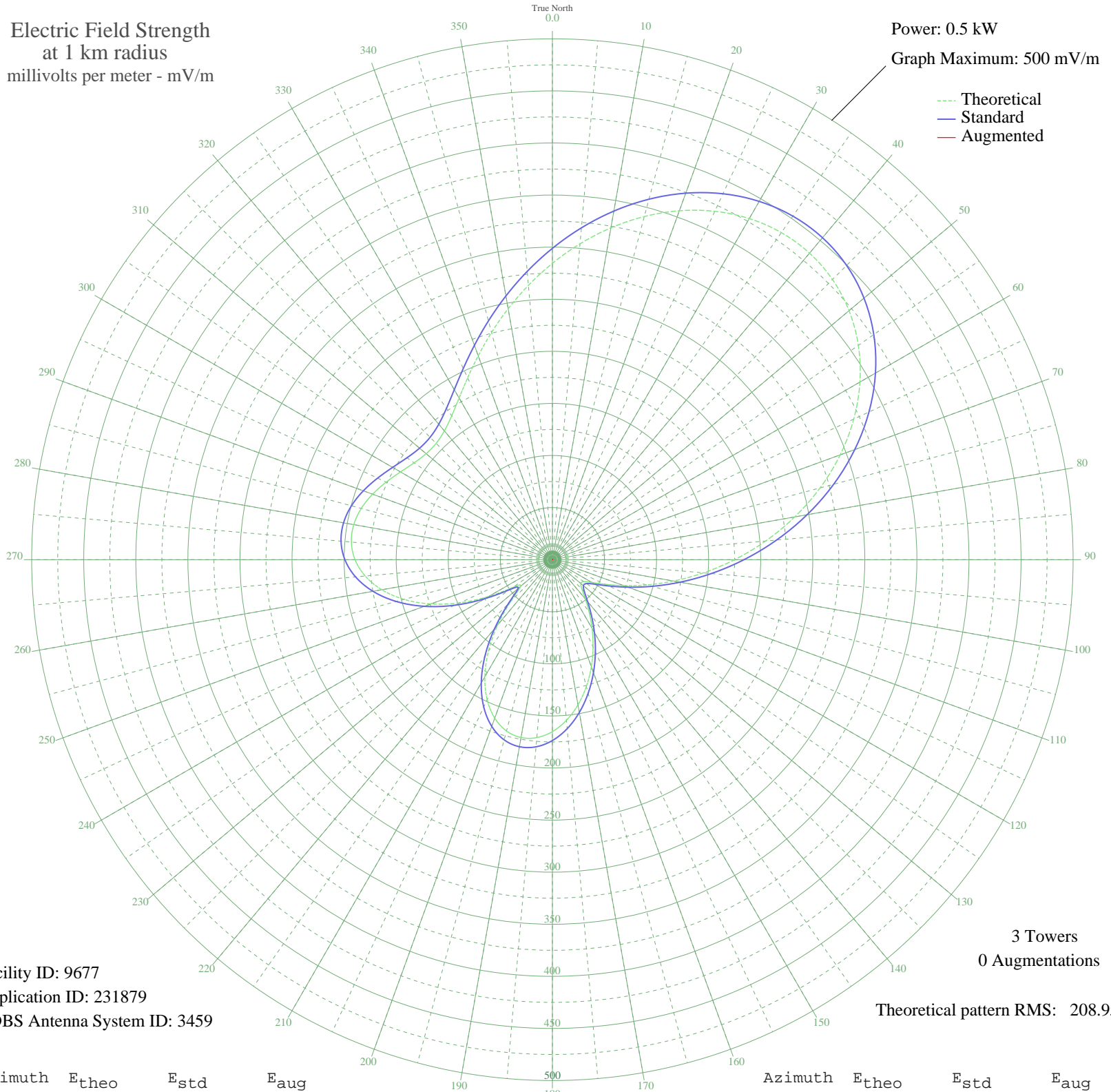


KJJQ VOLGA, SD BL-19960910AC 910 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 9677
Application ID: 231879
CDBS Antenna System ID: 3459

3 Towers
0 Augmentations

Theoretical pattern RMS: 208.95

Azimuth	E _{theo}	E _{std}	E _{aug}
0	284.45	298.86	
5	304.36	319.75	
10	323.44	339.78	
15	341.02	358.23	
20	356.42	374.39	
25	368.98	387.57	
30	378.10	397.15	
35	383.28	402.58	
40	384.12	403.46	
45	380.34	399.50	
50	371.84	390.57	
55	358.65	376.73	
60	340.99	358.19	
65	319.27	335.40	
70	294.06	308.94	
75	266.10	279.61	
80	236.28	248.32	
85	205.57	216.10	
90	174.98	184.03	
95	145.53	153.16	
100	118.15	124.50	
105	93.67	98.92	
110	72.76	77.11	
115	55.94	59.67	
120	43.73	47.10	
125	36.76	40.00	
130	35.64	38.87	
135	40.14	43.43	
140	49.14	52.65	
145	61.47	65.39	
150	76.19	80.68	
155	92.44	97.63	
160	109.36	115.31	
165	126.03	132.74	
170	141.49	148.93	
175	154.80	162.88	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	165.07	173.64	
185	171.48	180.36	
190	173.38	182.35	
195	170.26	179.08	
200	161.88	170.30	
205	148.26	156.02	
210	129.73	136.62	
215	107.03	112.87	
220	81.55	86.26	
225	56.22	59.96	
230	39.61	42.90	
235	46.73	50.17	
240	70.57	74.84	
245	98.03	103.46	
250	124.31	130.94	
255	147.43	155.16	
260	166.33	174.96	
265	180.42	189.73	
270	189.51	199.26	
275	193.77	203.73	
280	193.68	203.64	
285	190.00	199.78	
290	183.74	193.21	
295	176.10	185.20	
300	168.42	177.16	
305	162.07	170.50	
310	158.26	166.50	
315	157.88	166.10	
320	161.34	169.73	
325	168.57	177.31	
330	179.17	188.42	
335	192.58	202.48	
340	208.28	218.94	
345	225.77	237.29	
350	244.61	257.06	
355	264.34	277.76	