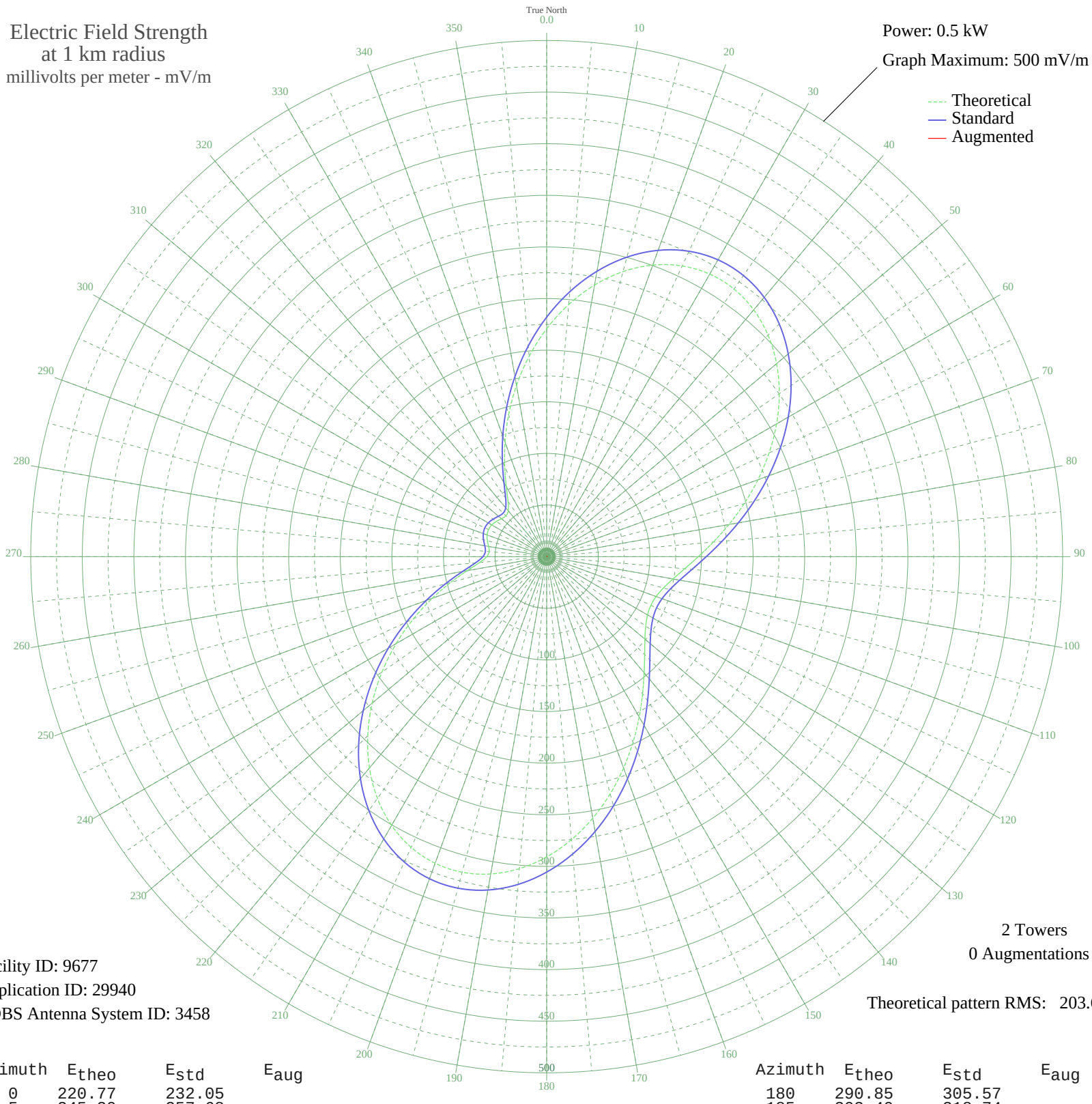
KJJQ VOLGA, SD BL-19810417AL 910 kHz

Daytime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 9677
Application ID: 29940
CDBS Antenna System ID: 3458

Theoretical pattern RMS: 203.68

Azimuth	E_{theo}	E_{std}	E_{aug}
0	220.77	232.05	
5	245.20	257.68	
10	267.19	280.74	
15	285.88	300.36	
20	300.57	315.77	
25	310.74	326.44	
30	316.06	332.03	
35	316.48	332.47	
40	312.13	327.91	
45	303.40	318.74	
50	290.85	305.57	
55	275.19	289.14	
60	257.24	270.31	
65	237.84	249.96	
70	217.86	228.99	
75	198.10	208.27	
80	179.29	188.55	
85	162.07	170.49	
90	146.93	154.64	
95	134.26	141.36	
100	124.29	130.92	
105	117.14	123.45	
110	112.86	118.97	
115	111.44	117.48	
120	112.86	118.97	
125	117.14	123.45	
130	124.29	130.92	
135	134.26	141.36	
140	146.93	154.64	
145	162.07	170.49	
150	179.29	188.55	
155	198.10	208.27	
160	217.86	228.99	
165	237.84	249.96	
170	257.24	270.31	
175	275.19	289.14	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	290.85	305.57	
185	303.40	318.74	
190	312.13	327.91	
195	316.48	332.47	
200	316.06	332.03	
205	310.74	326.44	
210	300.57	315.77	
215	285.88	300.36	
220	267.19	280.75	
225	245.21	257.68	
230	220.77	232.05	
235	194.83	204.84	
240	168.37	177.10	
245	142.41	149.90	
250	117.99	124.34	
255	96.21	101.56	
260	78.23	82.81	
265	65.25	69.31	
270	58.00	61.79	
275	55.92	59.65	
280	57.14	60.91	
285	59.49	63.34	
290	61.45	65.37	
295	62.18	66.13	
300	61.45	65.37	
305	59.49	63.34	
310	57.14	60.91	
315	55.92	59.65	
320	58.00	61.79	
325	65.25	69.31	
330	78.23	82.81	
335	96.21	101.56	
340	117.99	124.34	
345	142.41	149.90	
350	168.37	177.10	
355	194.83	204.84	

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