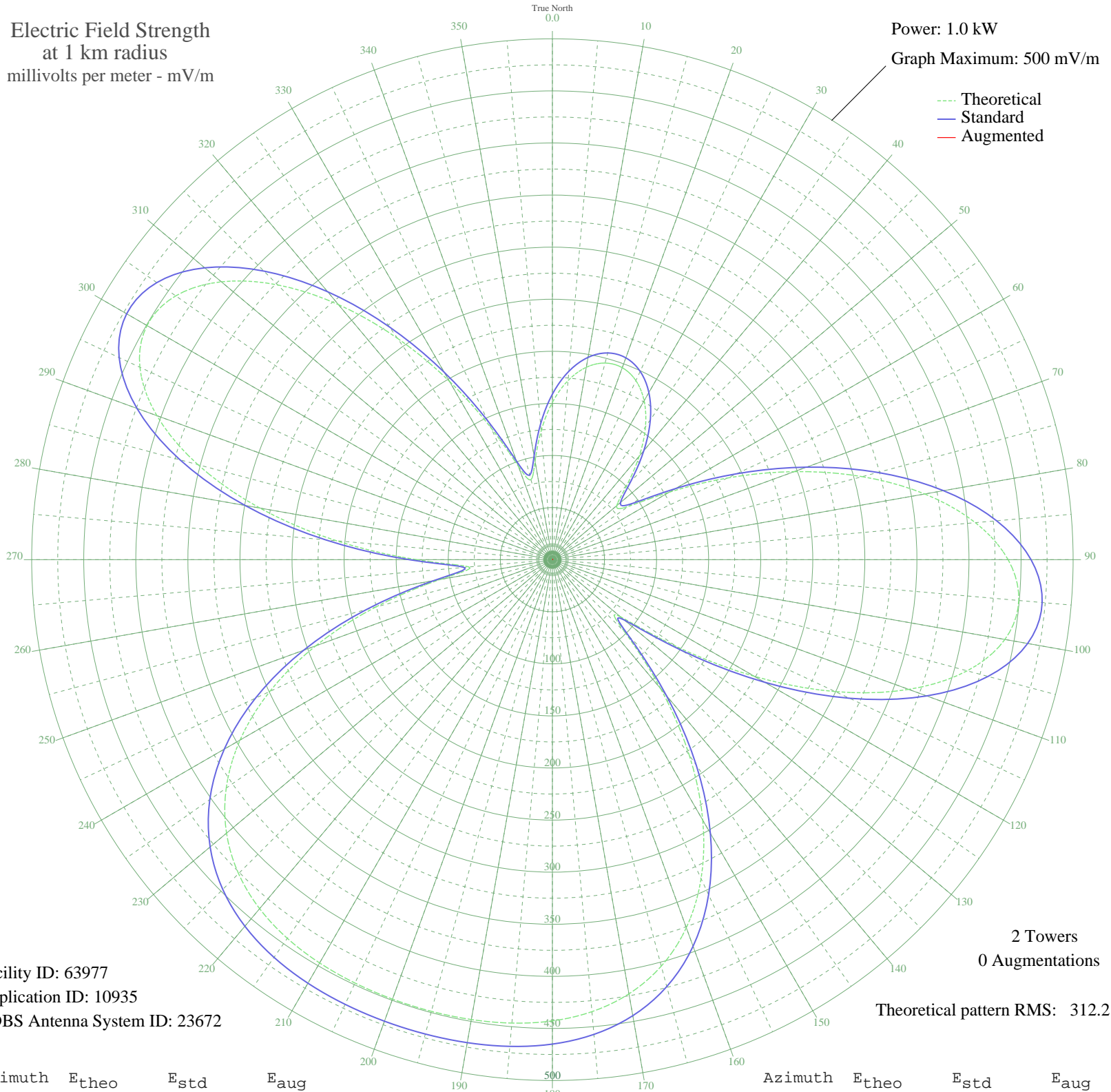


WXVI MONTGOMERY, AL BL-19790601AA 1600 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 63977
Application ID: 10935
CDBS Antenna System ID: 23672

2 Towers
0 Augmentations

Theoretical pattern RMS: 312.21

Azimuth	E _{theo}	E _{std}	E _{aug}
0	151.00	158.90	
5	172.62	181.56	
10	187.54	197.20	
15	195.40	205.44	
20	196.12	206.19	
25	189.69	199.45	
30	176.16	185.27	
35	155.82	163.95	
40	129.69	136.57	
45	101.10	106.67	
50	80.67	85.35	
55	89.24	94.29	
60	129.49	136.37	
65	185.51	195.07	
70	247.06	259.63	
75	307.95	323.52	
80	363.06	381.36	
85	407.69	428.20	
90	437.60	459.60	
95	449.46	472.05	
100	441.19	463.37	
105	412.31	433.06	
110	364.10	382.45	
115	299.65	314.81	
120	223.96	235.39	
125	145.25	152.88	
130	85.11	89.98	
135	98.38	103.84	
140	161.93	170.35	
145	229.14	240.82	
150	288.74	303.36	
155	337.84	354.88	
160	375.99	394.93	
165	403.97	424.30	
170	423.24	444.52	
175	435.57	457.47	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	442.78	465.04	
185	446.56	469.01	
190	448.27	470.80	
195	448.88	471.44	
200	448.93	471.49	
205	448.45	470.99	
210	447.03	469.50	
215	443.77	466.07	
220	437.36	459.35	
225	426.20	447.63	
230	408.47	429.02	
235	382.36	401.62	
240	346.33	363.80	
245	299.44	314.58	
250	241.81	254.12	
255	175.67	184.76	
260	109.44	115.39	
265	80.35	85.02	
270	130.48	137.40	
275	208.10	218.75	
280	285.21	299.66	
285	352.38	370.15	
290	404.14	424.48	
295	437.05	459.02	
300	449.46	472.05	
305	441.50	463.70	
310	414.97	435.84	
315	372.97	391.76	
320	319.59	335.73	
325	259.46	272.64	
330	197.61	207.75	
335	139.86	147.23	
340	95.26	100.57	
345	79.44	84.07	
350	95.79	101.13	
355	123.98	130.60	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission