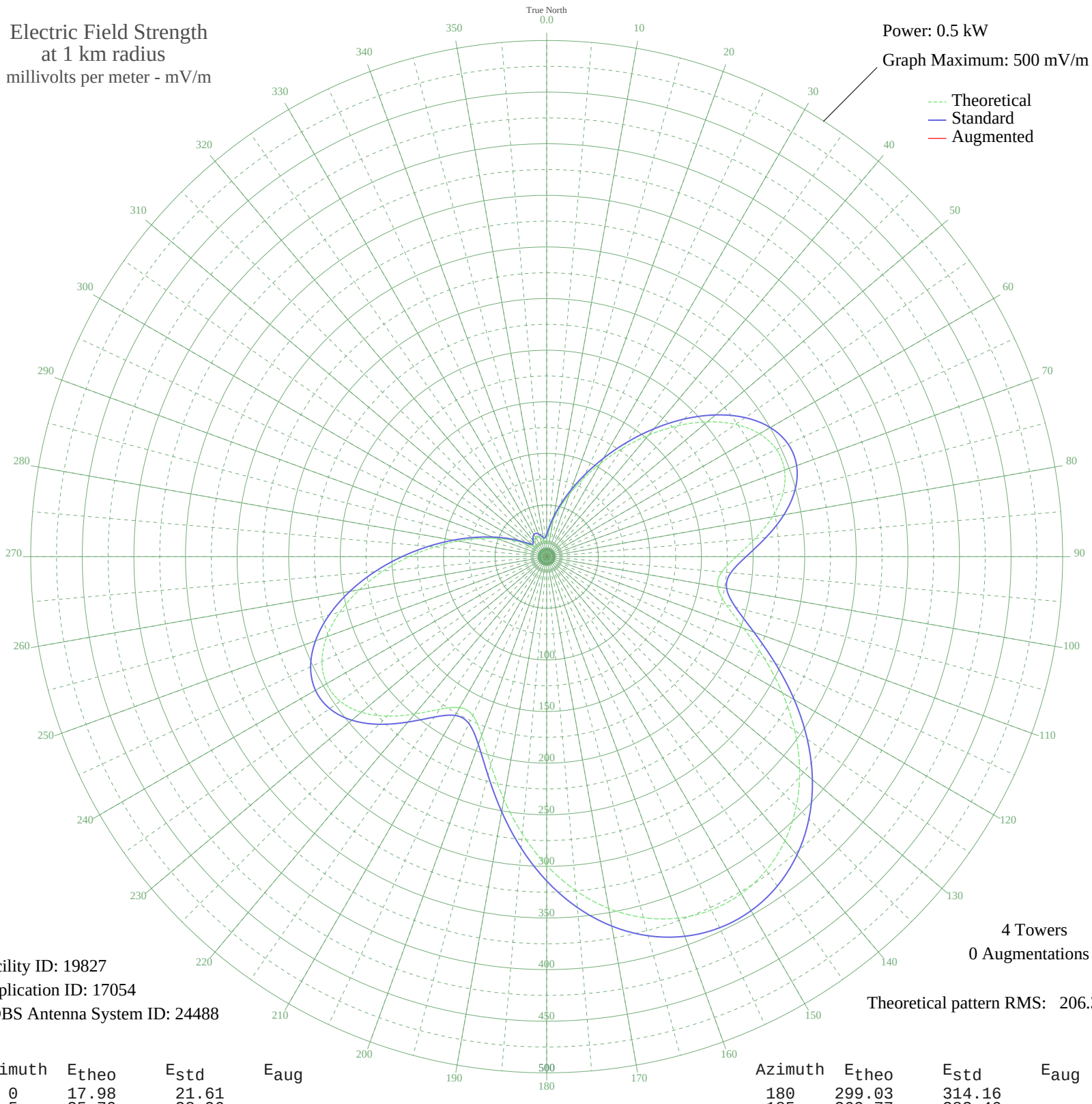
KARV RUSSELLVILLE, AR BL-19800122AD 610 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 19827
Application ID: 17054
CDBS Antenna System ID: 24488

Theoretical pattern RMS: 206.32

Azimuth	E_{theo}	E_{std}	E_{aug}
0	17.98	21.61	
5	25.70	28.96	
10	36.15	39.39	
15	49.03	52.54	
20	64.53	68.57	
25	82.94	87.72	
30	104.30	110.02	
35	128.20	135.02	
40	153.68	161.70	
45	179.29	188.54	
50	203.19	213.61	
55	223.42	234.82	
60	238.07	250.19	
65	245.65	258.14	
70	245.30	257.77	
75	237.05	249.13	
80	222.08	233.42	
85	202.91	213.32	
90	183.73	193.21	
95	170.28	179.10	
100	168.31	177.04	
105	180.19	189.49	
110	203.27	213.69	
115	232.56	244.42	
120	263.64	277.02	
125	293.42	308.27	
130	319.95	336.12	
135	342.09	359.35	
140	359.19	377.29	
145	370.89	389.58	
150	377.06	396.05	
155	377.62	396.64	
160	372.57	391.34	
165	361.97	380.21	
170	345.93	363.38	
175	324.76	341.16	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	299.03	314.16	
185	269.77	283.46	
190	238.75	250.91	
195	208.79	219.48	
200	184.06	193.55	
205	169.60	178.39	
210	168.82	177.57	
215	180.38	189.69	
220	198.92	209.12	
225	218.47	229.64	
230	234.54	246.49	
235	244.26	256.69	
240	246.23	258.75	
245	240.19	252.42	
250	226.85	238.42	
255	207.60	218.23	
260	184.27	193.76	
265	158.84	167.12	
270	133.21	140.26	
275	108.90	114.83	
280	86.99	91.94	
285	67.97	72.14	
290	51.91	55.51	
295	38.53	41.80	
300	27.60	30.82	
305	19.27	22.79	
310	14.54	18.53	
315	14.34	18.36	
320	16.90	20.62	
325	19.67	23.17	
330	21.38	24.78	
335	21.54	24.94	
340	20.12	23.59	
345	17.50	21.16	
350	14.73	18.69	
355	14.15	18.19	

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