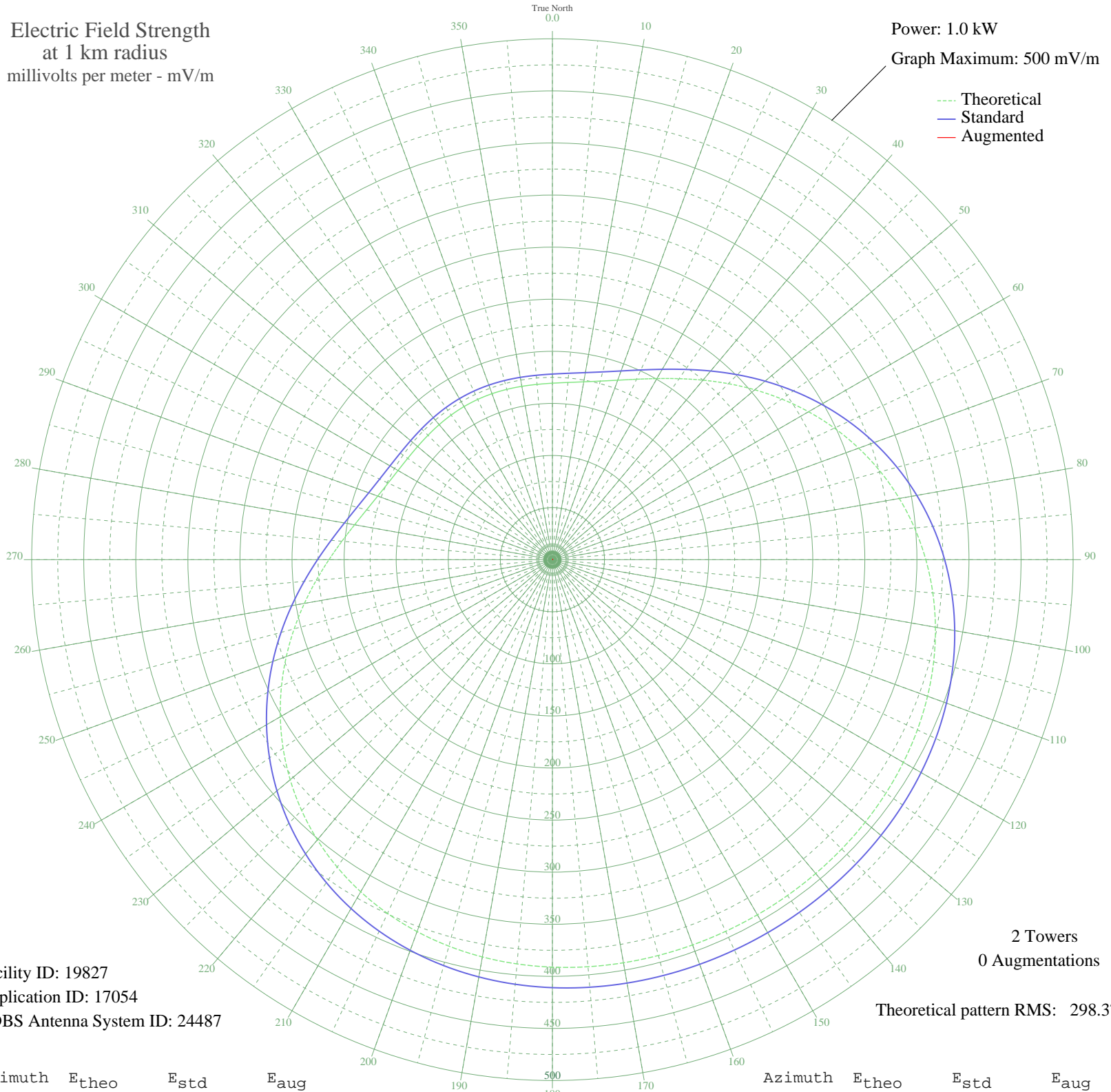


# KARV RUSSELLVILLE, AR BL-19800122AD 610 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 19827  
Application ID: 17054  
CDBS Antenna System ID: 24487

2 Towers  
0 Augmentations

Theoretical pattern RMS: 298.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	169.40	178.18	
5	170.77	179.62	
10	173.35	182.32	
15	177.45	186.62	
20	183.32	192.78	
25	191.08	200.91	
30	200.72	211.01	
35	212.08	222.94	
40	224.93	236.41	
45	238.93	251.10	
50	253.70	266.59	
55	268.85	282.49	
60	284.00	298.39	
65	298.80	313.92	
70	312.94	328.75	
75	326.15	342.62	
80	338.25	355.31	
85	349.07	366.68	
90	358.56	376.64	
95	366.68	385.16	
100	373.46	392.28	
105	378.98	398.07	
110	383.34	402.65	
115	386.68	406.15	
120	389.15	408.74	
125	390.90	410.57	
130	392.08	411.82	
135	392.84	412.61	
140	393.29	413.09	
145	393.54	413.35	
150	393.65	413.47	
155	393.66	413.48	
160	393.57	413.38	
165	393.35	413.16	
170	392.95	412.73	
175	392.26	412.01	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	391.17	410.87	
185	389.55	409.16	
190	387.24	406.74	
195	384.09	403.43	
200	379.94	399.08	
205	374.67	393.54	
210	368.14	386.69	
215	360.29	378.45	
220	351.08	368.78	
225	340.52	357.70	
230	328.67	345.26	
235	315.66	331.61	
240	301.69	316.95	
245	287.00	301.54	
250	271.89	285.68	
255	256.71	269.75	
260	241.83	254.14	
265	227.65	239.26	
270	214.54	225.52	
275	202.86	213.26	
280	192.86	202.78	
285	184.72	194.24	
290	178.48	187.70	
295	174.04	183.04	
300	171.18	180.04	
305	169.60	178.38	
310	168.95	177.71	
315	168.91	177.66	
320	169.16	177.93	
325	169.48	178.27	
330	169.70	178.49	
335	169.72	178.51	
340	169.54	178.32	
345	169.23	178.00	
350	168.94	177.70	
355	168.90	177.66	

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission