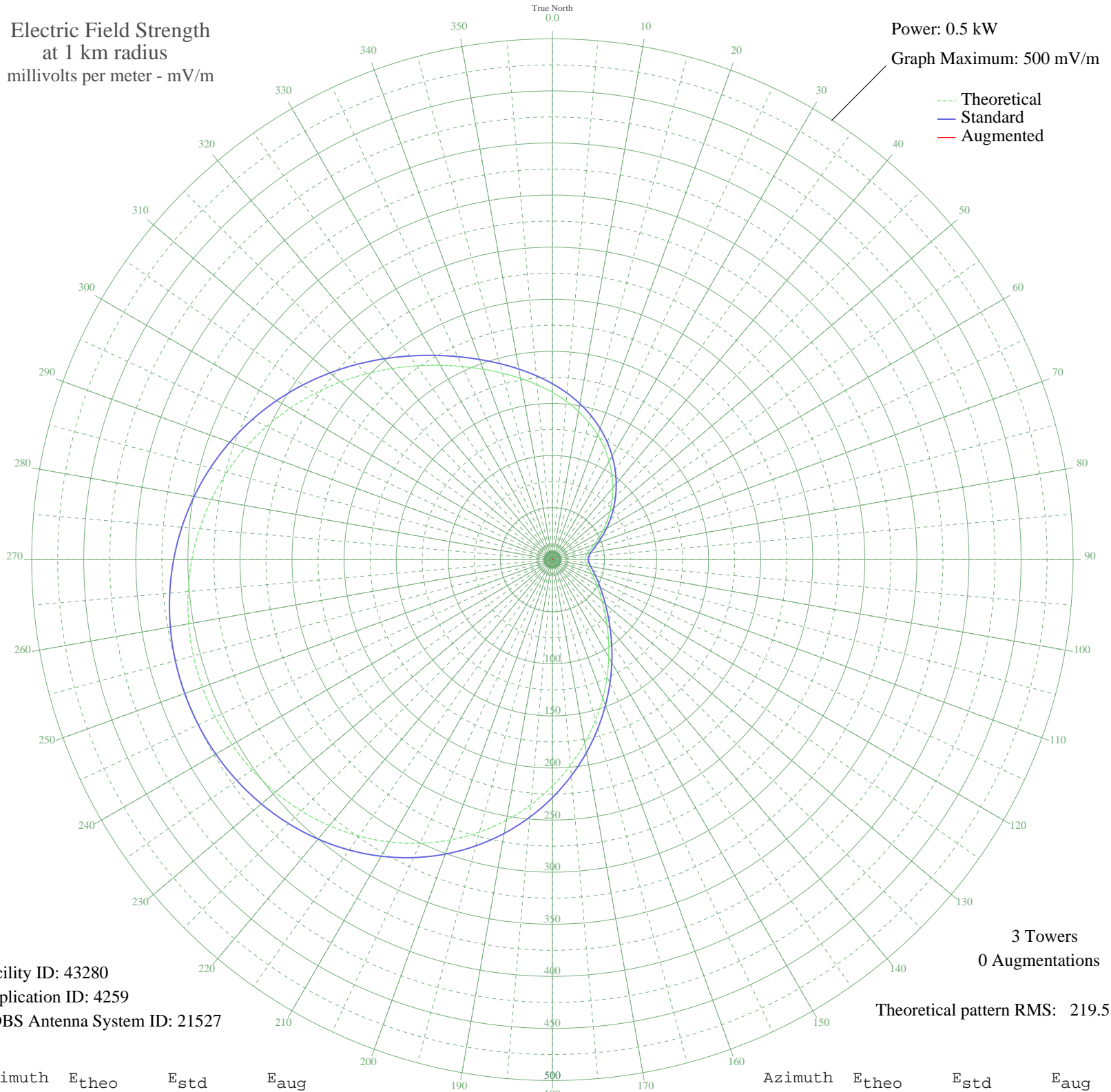


# KALV ALVA, OK BL-19780901AD 1430 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 43280  
Application ID: 4259  
CDBS Antenna System ID: 21527

3 Towers  
0 Augmentations

Theoretical pattern RMS: 219.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	160.56	168.91	
5	152.59	160.56	
10	144.43	152.02	
15	136.00	143.18	
20	127.24	134.01	
25	118.19	124.54	
30	108.92	114.85	
35	99.55	105.06	
40	90.22	95.31	
45	81.07	85.77	
50	72.24	76.57	
55	63.86	67.87	
60	56.09	59.82	
65	49.04	52.56	
70	42.90	46.25	
75	37.85	41.11	
80	34.11	37.33	
85	31.89	35.09	
90	31.25	34.45	
95	32.07	35.28	
100	34.07	37.28	
105	36.93	40.18	
110	40.47	43.77	
115	44.62	48.02	
120	49.50	53.03	
125	55.34	59.05	
130	62.45	66.41	
135	71.13	75.42	
140	81.61	86.33	
145	93.98	99.24	
150	108.21	114.10	
155	124.11	130.74	
160	141.42	148.86	
165	159.79	168.11	
170	178.83	188.07	
175	198.14	208.31	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	217.33	228.44	
185	236.04	248.06	
190	253.94	266.84	
195	270.76	284.49	
200	286.29	300.79	
205	300.39	315.58	
210	312.94	328.75	
215	323.90	340.26	
220	333.27	350.09	
225	341.05	358.26	
230	347.28	364.80	
235	352.02	369.77	
240	355.31	373.22	
245	357.19	375.19	
250	357.69	375.72	
255	356.84	374.83	
260	354.64	372.52	
265	351.10	368.81	
270	346.23	363.69	
275	340.02	357.17	
280	332.50	349.28	
285	323.72	340.06	
290	313.76	329.62	
295	302.75	318.06	
300	290.87	305.59	
305	278.33	292.44	
310	265.40	278.86	
315	252.36	265.18	
320	239.51	251.70	
325	227.12	238.71	
330	215.42	226.43	
335	204.53	215.01	
340	194.50	204.50	
345	185.27	194.82	
350	176.68	185.81	
355	168.52	177.25	