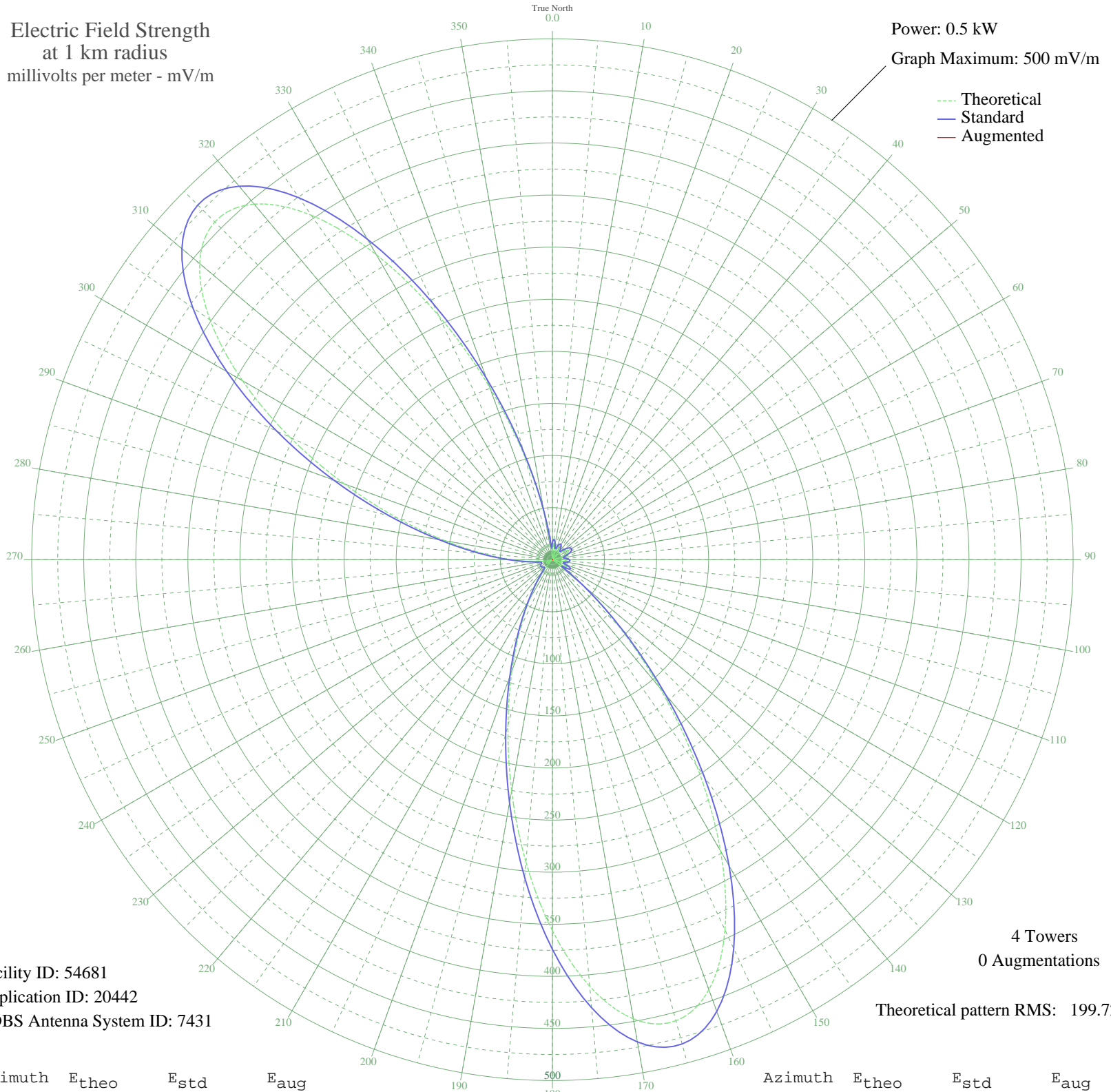


# KVOP PLAINVIEW, TX BL-19800528AD 1090 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 54681  
Application ID: 20442  
CDBS Antenna System ID: 7431

4 Towers  
0 Augmentations

Theoretical pattern RMS: 199.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	11.85	16.28	
5	15.60	19.46	
10	10.07	14.90	
15	0.96	10.55	
20	7.30	13.00	
25	12.02	16.42	
30	12.33	16.67	
35	8.70	13.92	
40	2.47	10.82	
45	4.70	11.60	
50	11.21	15.77	
55	15.80	19.63	
60	17.63	21.29	
65	16.40	20.17	
70	12.32	16.66	
75	6.10	12.30	
80	1.06	10.56	
85	7.61	13.19	
90	11.88	16.31	
95	12.44	16.76	
100	8.58	13.83	
105	0.88	10.54	
110	8.37	13.69	
115	15.04	18.97	
120	13.63	17.75	
125	1.69	10.65	
130	35.47	38.70	
135	89.26	94.31	
140	160.41	168.75	
145	241.79	254.10	
150	322.94	339.25	
155	392.20	411.94	
160	439.41	461.50	
165	458.28	481.31	
170	447.59	470.09	
175	411.08	431.76	

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	356.05	374.00	
185	291.37	306.12	
190	225.45	236.95	
195	164.84	173.40	
200	113.58	119.72	
205	73.24	77.62	
210	43.51	46.88	
215	22.90	26.24	
220	9.44	14.44	
225	1.16	10.57	
230	3.59	11.15	
235	5.99	12.24	
240	6.80	12.70	
245	6.27	12.39	
250	4.22	11.40	
255	0.03	10.50	
260	7.42	13.08	
265	19.70	23.20	
270	38.72	41.99	
275	66.48	70.59	
280	104.63	110.36	
285	153.76	161.79	
290	212.74	223.62	
295	278.04	292.13	
300	343.60	360.93	
305	401.28	421.47	
310	442.16	464.39	
315	458.45	481.49	
320	445.57	467.96	
325	403.67	423.99	
330	338.11	355.17	
335	258.41	271.54	
340	176.16	185.27	
345	102.27	107.89	
350	44.65	48.04	
355	6.87	12.74	

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission