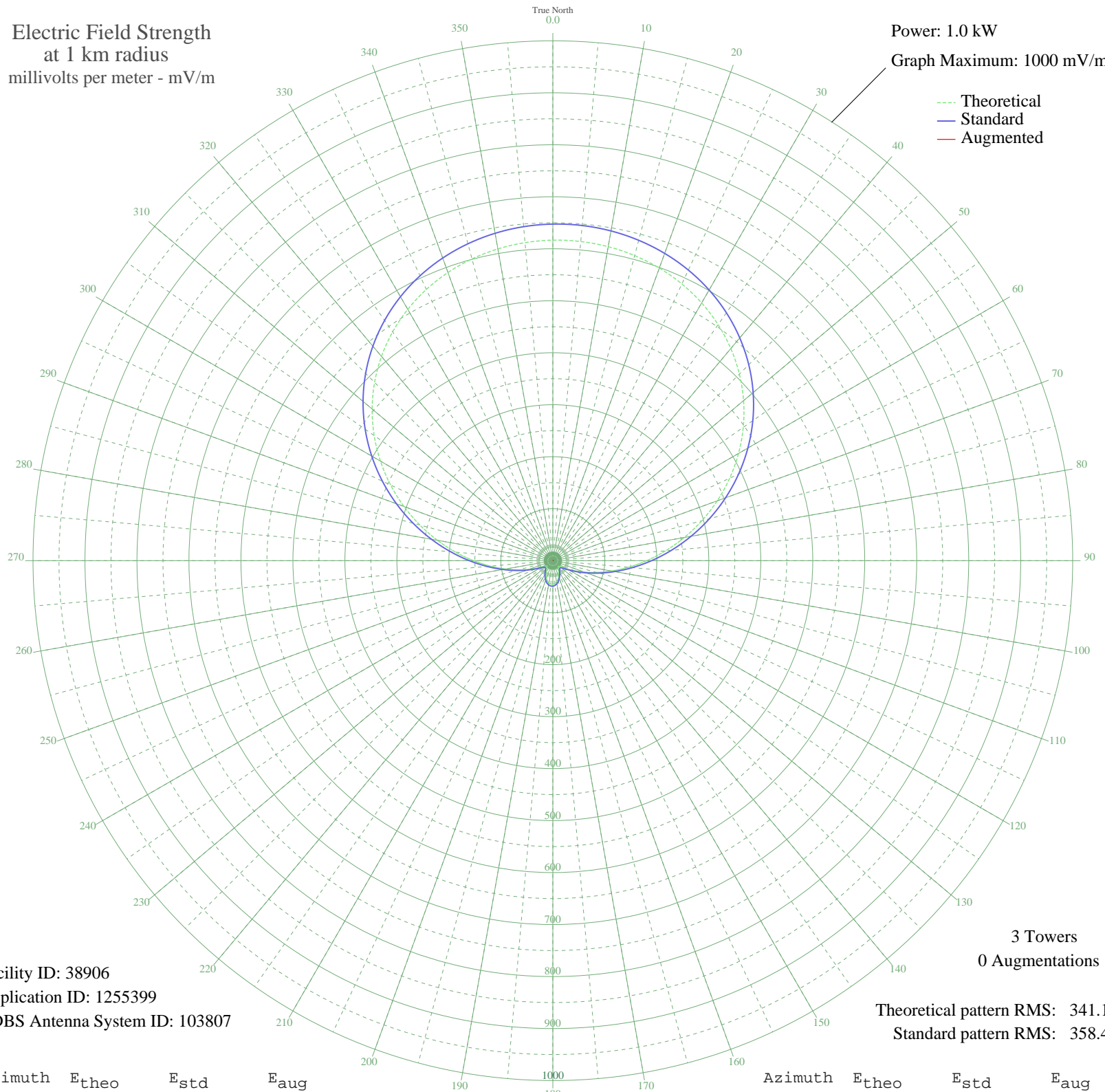


# KZNX CREEDMOOR, TX BL-20080630AFZ 1530 kHz

## Critical Hours

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 38906  
Application ID: 1255399  
CDBS Antenna System ID: 103807

3 Towers  
0 Augmentations

Theoretical pattern RMS: 341.18  
Standard pattern RMS: 358.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	616.51	647.45	
5	616.25	647.17	
10	613.28	644.05	
15	607.55	638.03	
20	598.94	629.00	
25	587.30	616.78	
30	572.47	601.20	
35	554.28	582.12	
40	532.64	559.40	
45	507.50	533.01	
50	478.93	503.02	
55	447.13	469.64	
60	412.44	433.22	
65	375.36	394.30	
70	336.53	353.55	
75	296.73	311.79	
80	256.85	269.94	
85	217.79	228.98	
90	180.49	189.88	
95	145.81	153.55	
100	114.51	120.81	
105	87.18	92.29	
110	64.22	68.45	
115	45.84	49.54	
120	32.02	35.61	
125	22.53	26.41	
130	16.99	21.35	
135	14.87	19.53	
140	15.54	20.10	
145	18.34	22.55	
150	22.56	26.43	
155	27.54	31.20	
160	32.66	36.25	
165	37.40	40.98	
170	41.30	44.93	
175	44.04	47.71	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	45.39	49.08	
185	45.24	48.93	
190	43.60	47.26	
195	40.61	44.22	
200	36.50	40.09	
205	31.65	35.25	
210	26.51	30.21	
215	21.63	25.57	
220	17.64	21.93	
225	15.22	19.83	
230	15.05	19.68	
235	17.80	22.07	
240	24.09	27.89	
245	34.42	38.00	
250	49.15	52.93	
255	68.45	72.83	
260	92.31	97.63	
265	120.47	127.04	
270	152.50	160.56	
275	187.77	197.51	
280	225.49	237.06	
285	264.79	278.28	
290	304.73	320.18	
295	344.40	361.81	
300	382.94	402.25	
305	419.59	440.72	
310	453.74	476.57	
315	484.92	509.30	
320	512.81	538.58	
325	537.25	564.23	
330	558.19	586.22	
335	575.70	604.59	
340	589.88	619.48	
345	600.90	631.05	
350	608.92	639.47	
355	614.09	644.90	

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 2017

Prepared by Audio Division, Media Bureau  
Federal Communications Commission