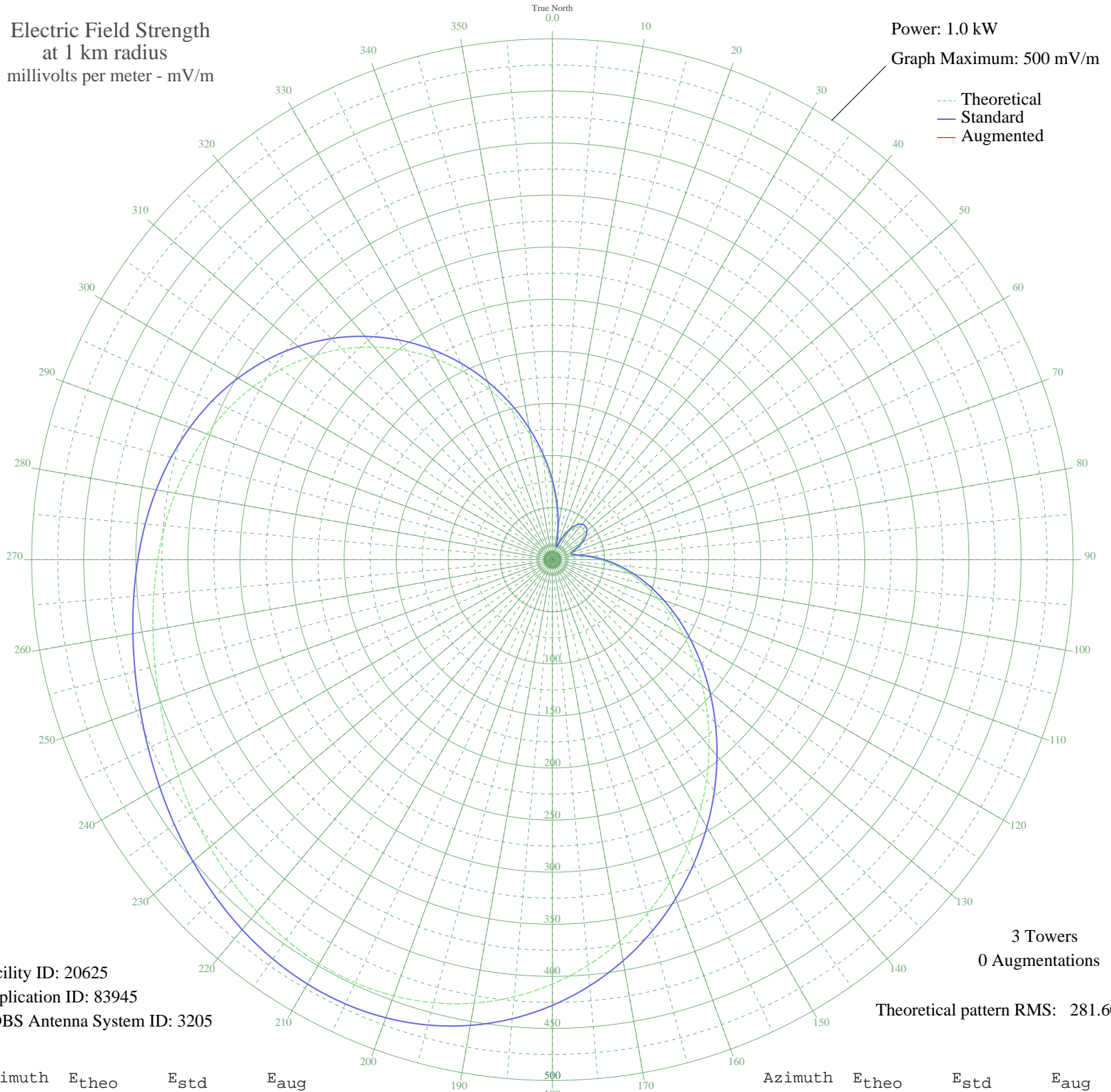


# KJOJ CONROE, TX BL-19851205AE 880 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 20625  
Application ID: 83945  
CDBS Antenna System ID: 3205

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 281.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	71.89	76.22	
5	49.13	52.66	
10	28.51	31.75	
15	11.40	15.96	
20	9.92	14.83	
25	21.23	24.67	
30	30.79	34.01	
35	37.44	40.70	
40	41.08	44.40	
45	41.83	45.17	
50	39.92	43.23	
55	35.72	38.96	
60	29.70	32.92	
65	22.65	26.02	
70	16.39	20.19	
75	15.45	19.35	
80	22.30	25.69	
85	33.28	36.50	
90	46.09	49.53	
95	60.06	63.94	
100	75.01	79.46	
105	90.94	96.06	
110	107.92	113.81	
115	126.06	132.78	
120	145.41	153.04	
125	165.98	174.60	
130	187.70	197.37	
135	210.45	221.22	
140	233.99	245.92	
145	258.04	271.15	
150	282.25	296.55	
155	306.21	321.69	
160	329.50	346.13	
165	351.67	369.41	
170	372.30	391.06	
175	390.99	410.68	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	407.38	427.88	
185	421.18	442.36	
190	432.19	453.92	
195	440.32	462.45	
200	445.55	467.95	
205	448.01	470.53	
210	447.91	470.42	
215	445.55	467.95	
220	441.33	463.52	
225	435.69	457.59	
230	429.08	450.65	
235	421.95	443.18	
240	414.72	435.58	
245	407.69	428.21	
250	401.09	421.28	
255	395.00	414.89	
260	389.41	409.01	
265	384.15	403.49	
270	378.98	398.07	
275	373.61	392.43	
280	367.68	386.20	
285	360.84	379.03	
290	352.77	370.56	
295	343.16	360.48	
300	331.79	348.54	
305	318.48	334.57	
310	303.13	318.47	
315	285.73	300.20	
320	266.33	279.84	
325	245.08	257.55	
330	222.20	233.55	
335	198.00	208.17	
340	172.85	181.80	
345	147.17	154.89	
350	121.44	127.95	
355	96.17	101.53	