

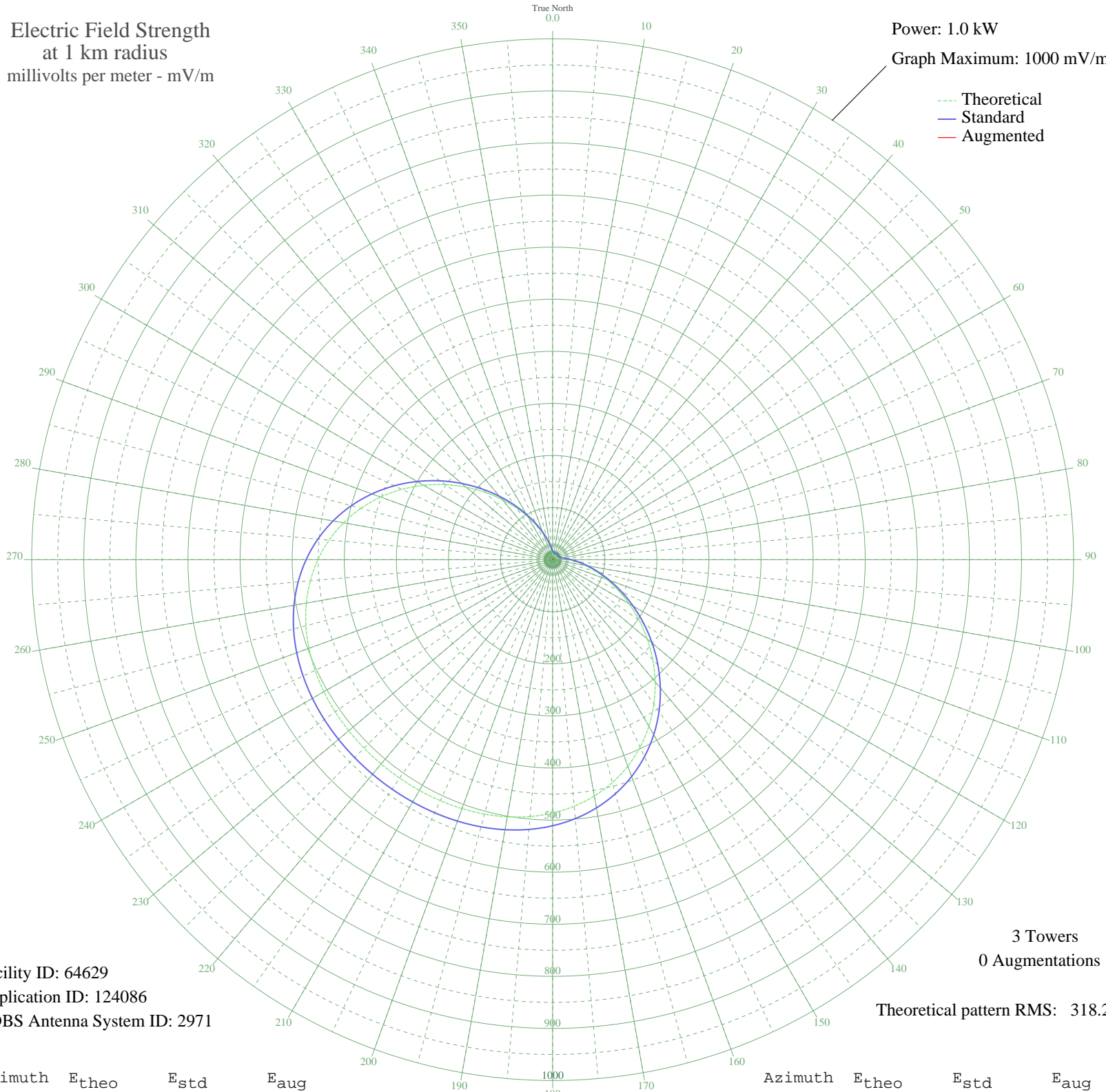
# KVJY PHARR, TX BL-19890213AG 840 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 64629  
Application ID: 124086  
CDBS Antenna System ID: 2971

3 Towers  
0 Augmentations

Theoretical pattern RMS: 318.27

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	12.05	16.45	
5	8.90	14.06	
10	7.46	13.10	
15	7.10	12.88	
20	7.35	13.03	
25	7.90	13.38	
30	8.46	13.76	
35	8.84	14.02	
40	8.91	14.06	
45	8.65	13.88	
50	8.13	13.53	
55	7.55	13.16	
60	7.15	12.91	
65	7.22	12.95	
70	8.16	13.55	
75	10.54	15.26	
80	15.04	18.97	
85	22.24	25.60	
90	32.59	35.80	
95	46.45	49.89	
100	64.02	68.04	
105	85.37	90.25	
110	110.35	116.34	
115	138.64	145.95	
120	169.69	178.49	
125	202.82	213.22	
130	237.20	249.28	
135	271.92	285.71	
140	306.09	321.57	
145	338.84	355.93	
150	369.42	388.03	
155	397.22	417.22	
160	421.84	443.05	
165	443.03	465.30	
170	460.76	483.91	
175	475.15	499.02	

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	486.45	510.88	
185	495.03	519.89	
190	501.29	526.46	
195	505.68	531.06	
200	508.60	534.14	
205	510.45	536.07	
210	511.52	537.19	
215	512.03	537.73	
220	512.11	537.82	
225	511.78	537.47	
230	510.95	536.60	
235	509.45	535.03	
240	507.00	532.45	
245	503.25	528.51	
250	497.79	522.78	
255	490.19	514.80	
260	480.02	504.13	
265	466.90	490.36	
270	450.54	473.18	
275	430.73	452.39	
280	407.47	427.97	
285	380.90	400.08	
290	351.37	369.08	
295	319.40	335.54	
300	285.71	300.18	
305	251.10	263.86	
310	216.47	227.54	
315	182.74	192.16	
320	150.76	158.65	
325	121.29	127.79	
330	94.94	100.24	
335	72.11	76.44	
340	53.02	56.66	
345	37.70	40.95	
350	25.98	29.23	
355	17.57	21.23	