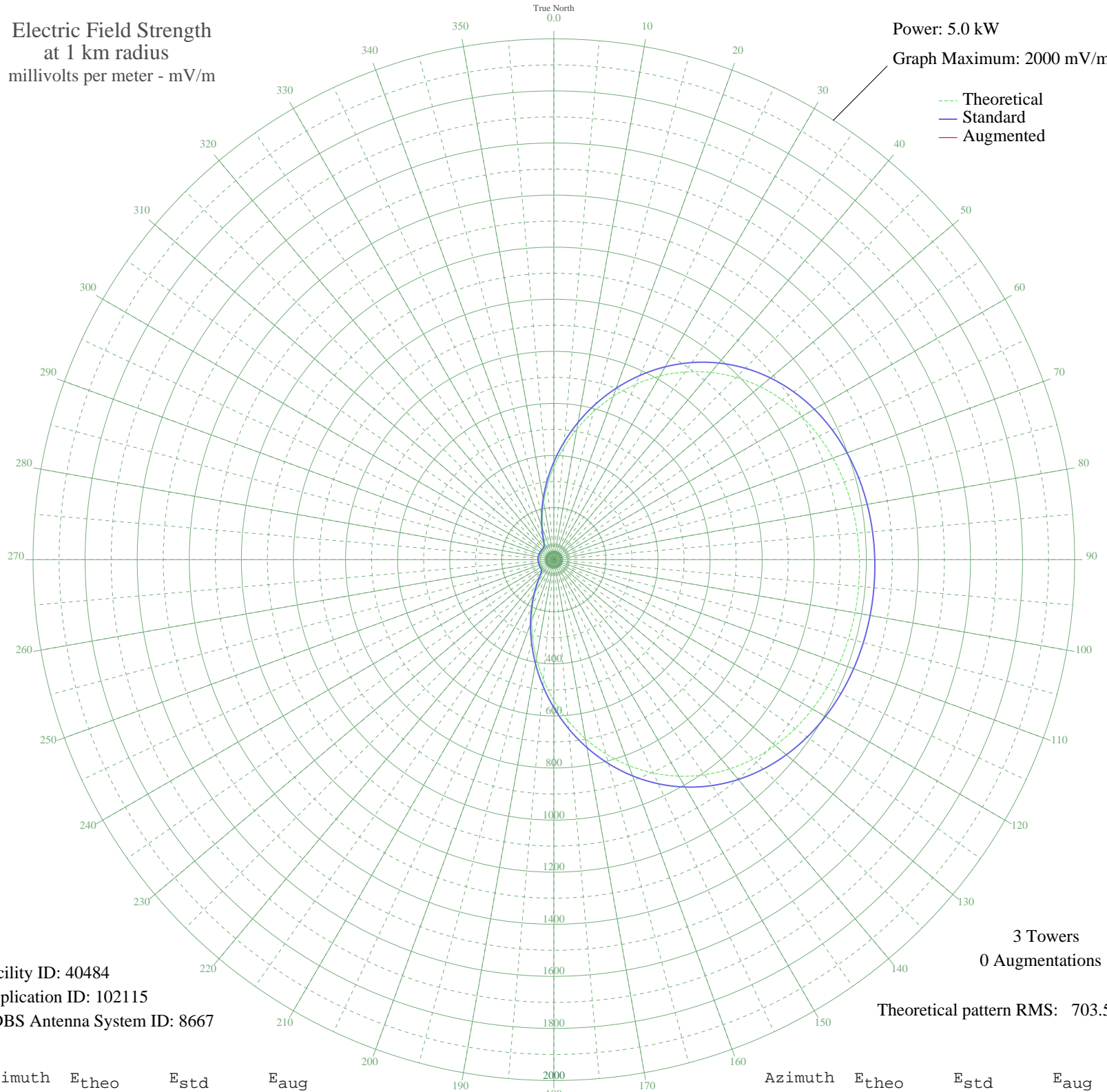


# KYOK CONROE, TX BL-19870612AM 1140 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 40484  
Application ID: 102115  
CDBS Antenna System ID: 8667

3 Towers  
0 Augmentations

Theoretical pattern RMS: 703.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	356.37	374.92	
5	431.02	453.18	
10	509.03	534.99	
15	588.33	618.19	
20	666.86	700.60	
25	742.67	780.16	
30	814.05	855.08	
35	879.63	923.91	
40	938.42	985.62	
45	989.83	1039.59	
50	1033.70	1085.64	
55	1070.18	1123.94	
60	1099.76	1154.98	
65	1123.08	1179.47	
70	1140.95	1198.23	
75	1154.19	1212.13	
80	1163.60	1222.01	
85	1169.88	1228.59	
90	1173.56	1232.46	
95	1175.02	1233.99	
100	1174.40	1233.34	
105	1171.64	1230.44	
110	1166.45	1225.00	
115	1158.37	1216.52	
120	1146.76	1204.32	
125	1130.84	1187.61	
130	1109.79	1165.52	
135	1082.81	1137.19	
140	1049.16	1101.87	
145	1008.28	1058.96	
150	959.89	1008.15	
155	904.00	949.49	
160	841.05	883.41	
165	771.84	810.77	
170	697.61	732.87	
175	619.95	651.37	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	540.71	568.23	
185	461.93	485.60	
190	385.70	405.66	
195	314.01	330.54	
200	248.68	262.17	
205	191.26	202.19	
210	143.01	151.99	
215	104.97	112.69	
220	77.87	85.07	
225	61.72	68.93	
230	54.57	61.92	
235	52.59	60.00	
240	52.41	59.83	
245	52.45	59.87	
250	52.41	59.83	
255	52.45	59.87	
260	52.76	60.16	
265	53.26	60.65	
270	53.76	61.13	
275	54.01	61.38	
280	53.90	61.27	
285	53.48	60.86	
290	52.94	60.34	
295	52.54	59.96	
300	52.40	59.82	
305	52.44	59.85	
310	52.43	59.85	
315	52.43	59.85	
320	53.38	60.77	
325	57.98	65.25	
330	70.15	77.31	
335	92.79	100.21	
340	126.52	134.91	
345	170.80	180.87	
350	224.69	237.09	
355	287.02	302.29	

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