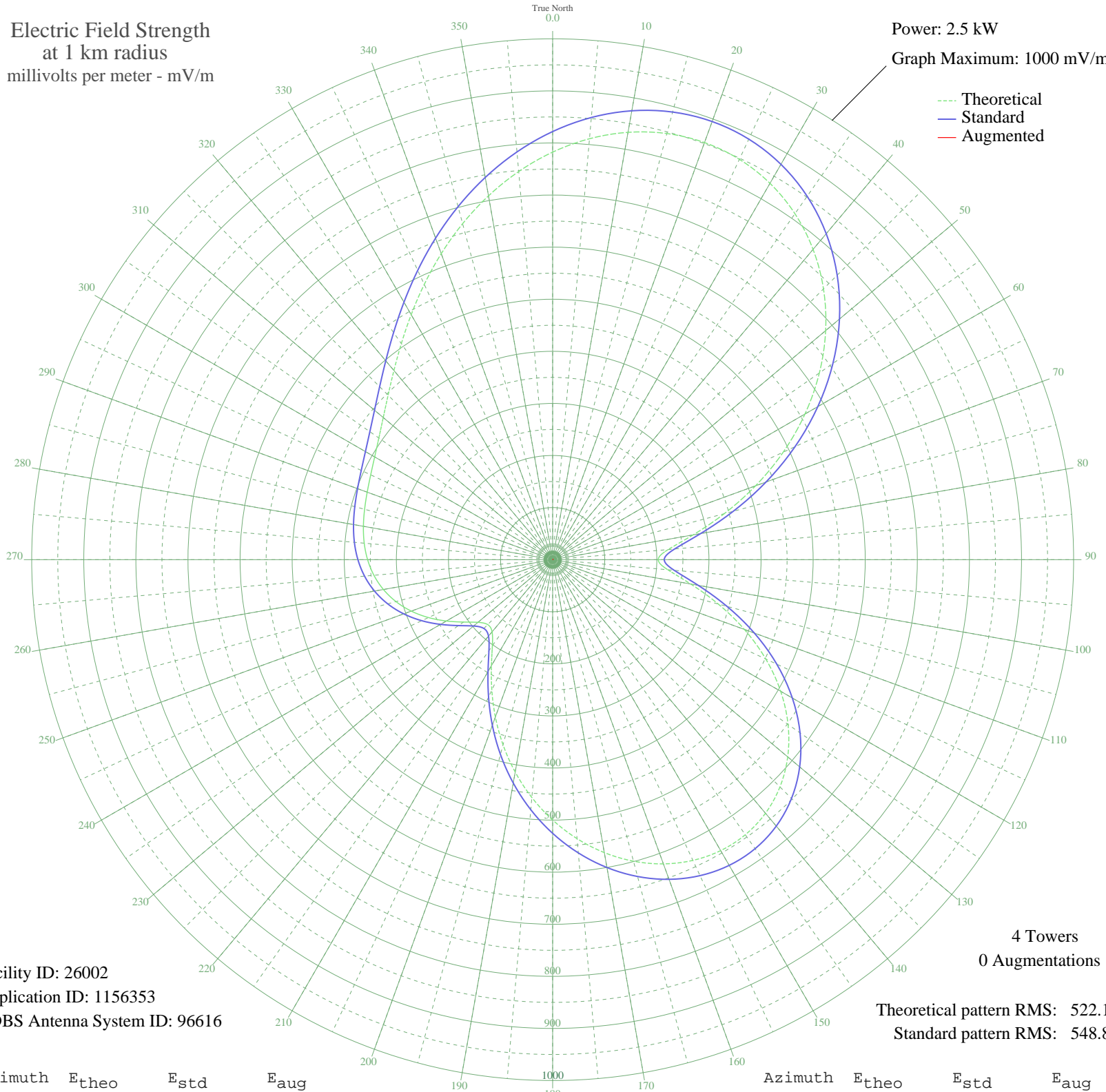


KGBC GALVESTON, TX BL-20061013AEM 1540 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 26002
Application ID: 1156353
CDBS Antenna System ID: 96616

4 Towers
0 Augmentations

Theoretical pattern RMS: 522.10
Standard pattern RMS: 548.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	782.46	821.96	
5	811.24	852.16	
10	833.10	875.10	
15	847.02	889.72	
20	852.21	895.17	
25	848.10	890.85	
30	834.35	876.42	
35	810.84	851.74	
40	777.69	816.95	
45	735.23	772.40	
50	684.06	718.70	
55	625.02	656.74	
60	559.25	587.74	
65	488.33	513.35	
70	414.47	435.90	
75	341.03	358.94	
80	273.65	288.40	
85	222.49	234.93	
90	202.55	214.13	
95	221.73	234.13	
100	269.13	283.68	
105	329.10	346.44	
110	391.68	412.01	
115	451.47	474.69	
120	505.40	531.25	
125	551.61	579.73	
130	589.02	618.97	
135	617.04	648.37	
140	635.55	667.79	
145	644.73	677.42	
150	645.02	677.73	
155	637.05	669.37	
160	621.56	653.11	
165	599.31	629.77	
170	571.10	600.17	
175	537.70	565.13	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	499.86	525.44	
185	458.36	481.92	
190	414.06	435.47	
195	367.98	387.18	
200	321.44	338.43	
205	276.27	291.15	
210	235.10	248.10	
215	201.72	213.26	
220	180.88	191.54	
225	176.25	186.72	
230	187.20	198.12	
235	208.83	220.67	
240	235.50	248.52	
245	263.03	277.29	
250	288.79	304.24	
255	311.29	327.80	
260	329.86	347.24	
265	344.40	362.47	
270	355.24	373.83	
275	363.08	382.05	
280	368.87	388.11	
285	373.72	393.19	
290	378.82	398.54	
295	385.37	405.40	
300	394.52	414.99	
305	407.28	428.36	
310	424.48	446.39	
315	446.67	469.66	
320	474.05	498.37	
325	506.41	532.31	
330	543.12	570.82	
335	583.16	612.83	
340	625.23	656.96	
345	667.81	701.64	
350	709.27	745.15	
355	748.00	785.80	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission