

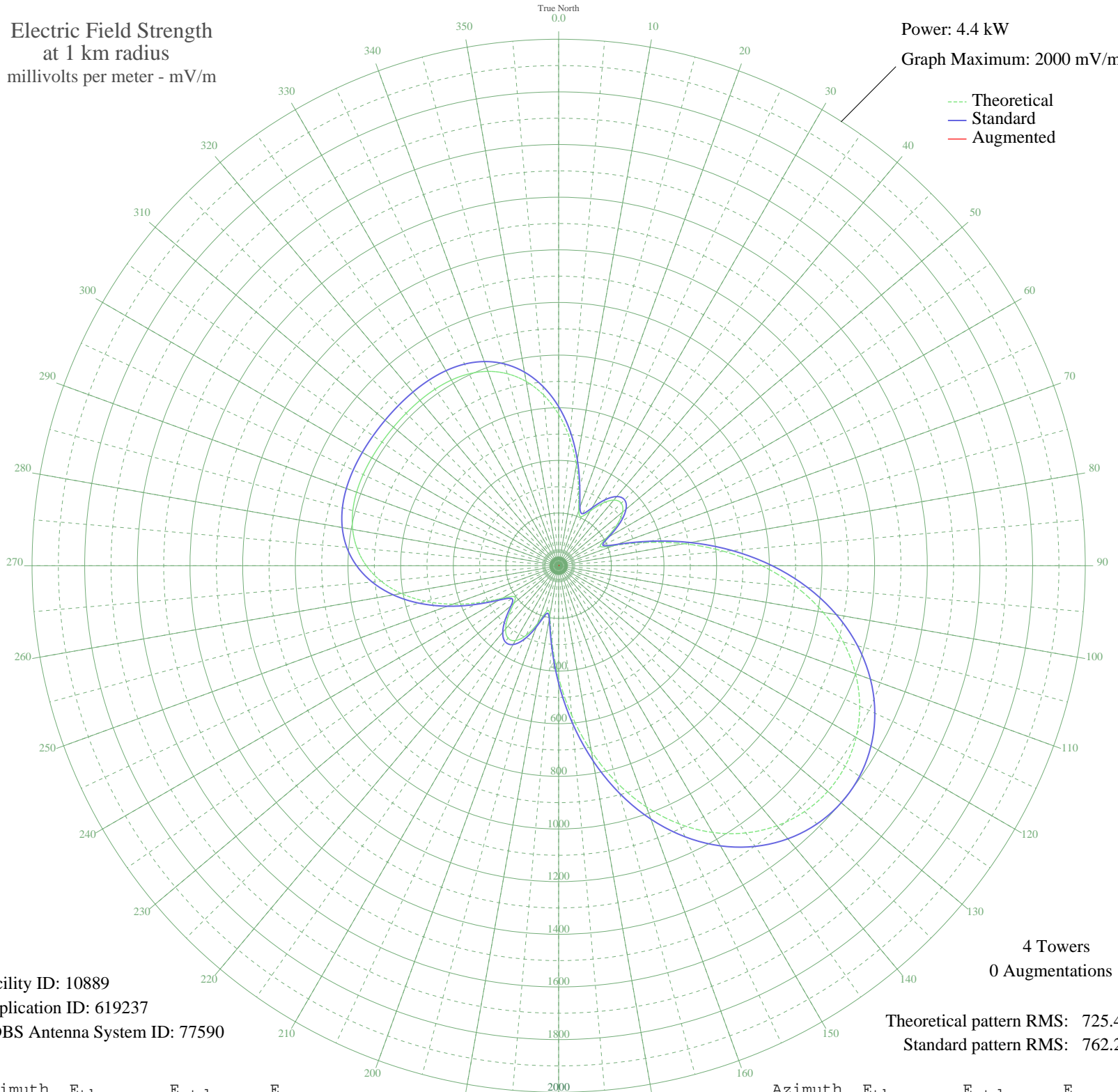
WGFY CHARLOTTE, NC BL-20021114ACU 1480 kHz

Daytime

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

Power: 4.4 kW

Graph Maximum: 2000 mV/m



Facility ID: 10889
Application ID: 619237
CDBS Antenna System ID: 77590

4 Towers
0 Augmentations

Theoretical pattern RMS: 725.40
Standard pattern RMS: 762.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	574.83	604.24	
5	485.51	510.58	
10	388.13	408.54	
15	293.62	309.61	
20	223.08	235.97	
25	205.81	217.97	
30	240.21	253.83	
35	289.23	305.03	
40	325.47	342.93	
45	336.14	354.10	
50	316.86	333.93	
55	270.05	284.98	
60	208.83	221.12	
65	173.80	184.71	
70	224.05	236.98	
75	340.82	359.00	
80	482.52	507.44	
85	629.60	661.69	
90	772.01	811.11	
95	903.49	949.10	
100	1020.04	1071.42	
105	1119.24	1175.55	
110	1199.88	1260.20	
115	1261.54	1324.92	
120	1304.26	1369.77	
125	1328.28	1394.98	
130	1333.81	1400.79	
135	1320.90	1387.24	
140	1289.43	1354.20	
145	1239.16	1301.43	
150	1169.89	1228.72	
155	1081.74	1136.19	
160	975.40	1024.57	
165	852.51	895.59	
170	716.07	752.41	
175	570.88	600.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	424.42	446.56	
185	289.42	305.23	
190	192.96	204.61	
195	180.21	191.36	
200	233.39	246.71	
205	291.58	307.49	
210	328.18	345.77	
215	335.37	353.29	
220	313.56	330.47	
225	270.04	284.98	
230	222.52	235.38	
235	205.13	217.27	
240	246.48	260.38	
245	330.03	347.70	
250	427.51	449.80	
255	522.60	549.47	
260	606.95	637.94	
265	676.60	711.00	
270	730.36	767.41	
275	768.94	807.90	
280	794.35	834.56	
285	809.29	850.23	
290	816.68	857.99	
295	819.30	860.74	
300	819.51	860.95	
305	819.01	860.44	
310	818.84	860.25	
315	819.21	860.65	
320	819.59	861.04	
325	818.66	860.07	
330	814.44	855.64	
335	804.38	845.09	
340	785.61	825.38	
345	755.22	793.50	
350	710.75	746.83	
355	650.63	683.76	

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