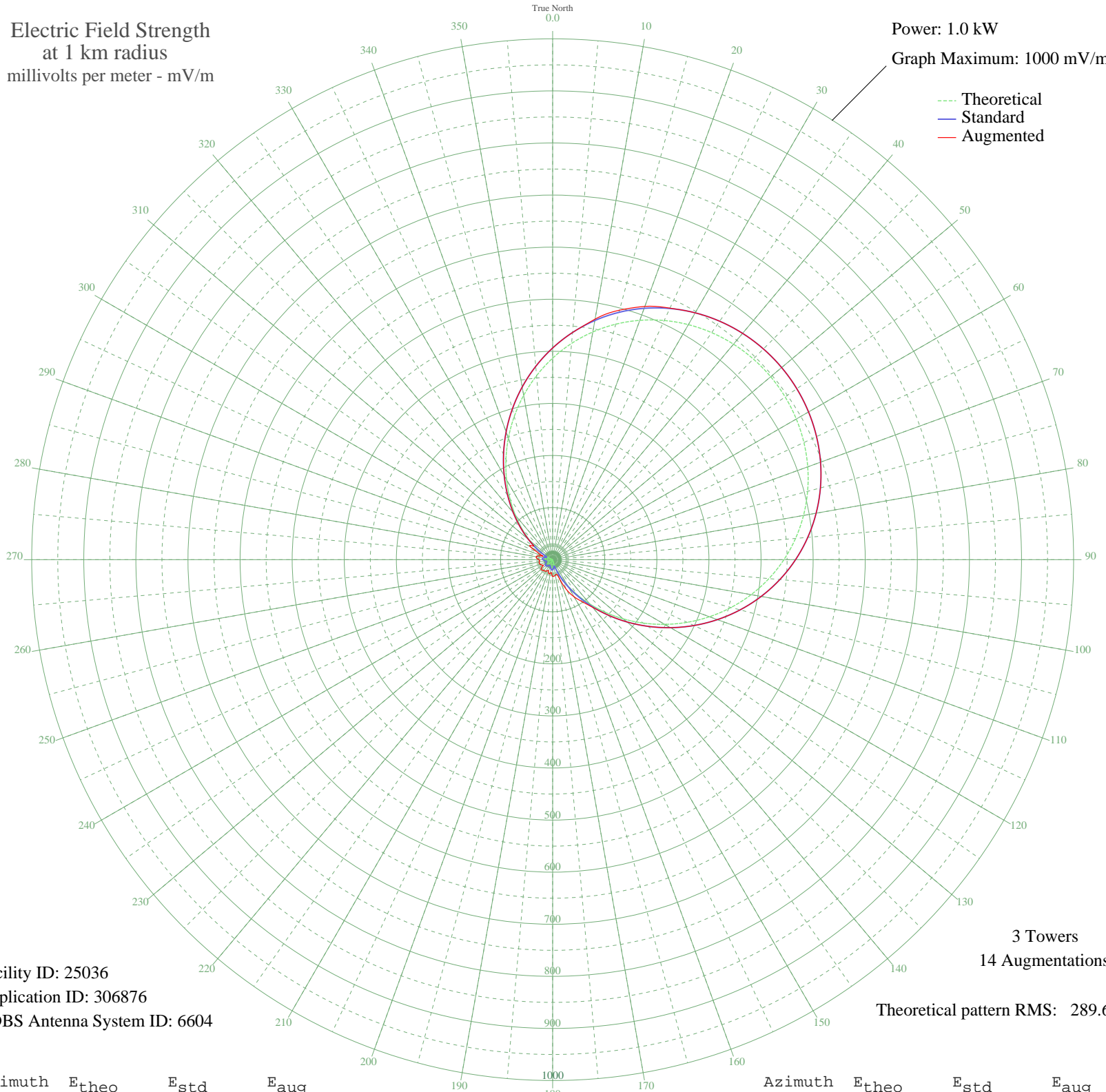


# WGSB MEBANE, NC BL-- 1060 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 25036  
Application ID: 306876  
CDBS Antenna System ID: 6604

3 Towers  
14 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	386.90	406.42	406.42
5	416.80	437.80	437.80
10	443.93	466.29	466.29
15	468.05	491.59	491.59
20	488.98	513.57	513.57
25	506.65	532.12	532.12
30	521.04	547.22	547.22
35	532.17	558.90	558.90
40	540.07	567.20	567.20
45	544.80	572.16	572.16
50	546.37	573.81	573.81
55	544.80	572.16	572.16
60	540.07	567.20	567.20
65	532.17	558.90	558.90
70	521.04	547.22	547.22
75	506.65	532.12	532.12
80	488.98	513.57	513.57
85	468.05	491.59	491.59
90	443.93	466.29	466.29
95	416.80	437.80	437.80
100	386.90	406.42	406.42
105	354.59	372.51	372.51
110	320.35	336.58	336.58
115	284.74	299.22	299.22
120	248.45	261.14	261.14
125	212.18	223.11	223.11
130	176.72	185.94	185.94
135	142.81	150.43	150.43
140	111.18	117.35	117.35
145	82.44	87.38	87.38
150	57.10	61.14	61.14
155	35.53	39.18	39.18
160	17.91	22.29	22.29
165	4.29	12.78	12.78
170	5.49	13.28	13.28
175	11.71	17.15	17.15

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	14.76	19.58	32.19
185	15.16	19.91	25.47
190	13.45	18.51	27.02
195	10.22	16.07	27.84
200	6.05	13.55	23.90
205	1.49	12.06	23.02
210	2.96	12.36	25.75
215	6.89	13.98	26.43
220	9.95	15.88	27.36
225	11.88	17.28	28.43
230	12.54	17.79	28.97
235	11.88	17.28	24.77
240	9.95	15.88	21.11
245	6.89	13.98	23.70
250	2.96	12.36	25.67
255	1.49	12.06	26.55
260	6.05	13.55	26.26
265	10.22	16.07	24.99
270	13.45	18.51	26.44
275	15.16	19.91	30.65
280	14.76	19.58	32.19
285	11.71	17.15	28.00
290	5.49	13.28	19.78
295	4.29	12.78	30.58
300	17.91	22.29	49.38
305	35.53	39.18	45.18
310	57.10	61.14	61.14
315	82.44	87.38	87.38
320	111.18	117.35	117.35
325	142.81	150.43	150.43
330	176.72	185.94	185.94
335	212.18	223.11	223.11
340	248.45	261.14	261.14
345	284.74	299.22	299.22
350	320.35	336.58	336.58
355	354.59	372.51	372.51