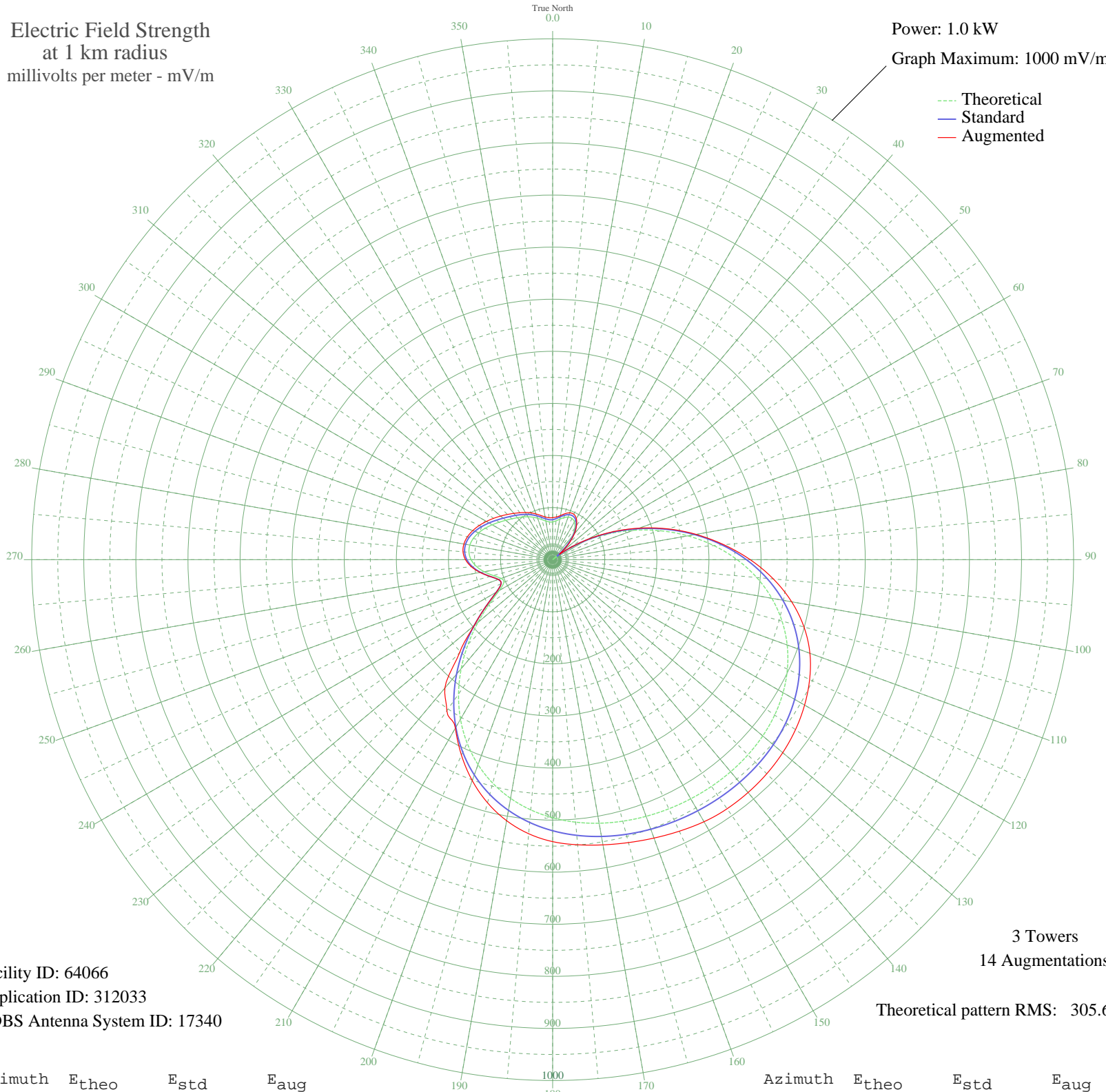


# WSYD MOUNT AIRY, NC BL-- 1300 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 64066  
Application ID: 312033  
CDBS Antenna System ID: 17340

3 Towers  
14 Augmentations  
Theoretical pattern RMS: 305.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	72.46	76.81	80.63
5	74.78	79.22	82.32
10	78.93	83.54	86.03
15	83.53	88.33	91.38
20	86.91	91.85	95.63
25	87.42	92.39	96.19
30	83.59	88.40	91.03
35	74.24	78.65	79.79
40	58.50	62.32	64.37
45	35.93	39.16	45.04
50	6.51	12.53	20.49
55	29.33	32.53	35.59
60	70.70	74.98	78.29
65	116.38	122.65	126.12
70	164.85	173.41	176.82
75	214.46	225.43	228.57
80	263.53	276.91	279.62
85	310.51	326.21	329.75
90	354.08	371.93	379.24
95	393.21	413.01	425.32
100	427.24	448.73	465.86
105	455.86	478.77	499.49
110	479.08	503.15	525.53
115	497.20	522.17	544.26
120	510.71	536.35	558.42
125	520.24	546.35	569.03
130	526.45	552.87	576.51
135	530.02	556.62	581.25
140	531.53	558.20	583.58
145	531.46	558.13	583.81
150	530.15	556.76	581.01
155	527.80	554.29	575.24
160	524.41	550.73	568.82
165	519.84	545.94	562.35
170	513.82	539.61	556.02
175	505.90	531.30	549.49

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	495.57	520.45	541.38
185	482.24	506.46	528.20
190	465.32	488.70	508.88
195	444.29	466.62	483.15
200	418.75	439.81	451.31
205	388.54	408.10	414.23
210	353.77	371.61	373.41
215	314.98	330.90	354.06
220	273.12	286.97	321.87
225	229.71	241.43	252.67
230	187.00	196.63	196.63
235	148.30	156.07	156.07
240	118.51	124.87	124.87
245	103.52	109.20	109.20
250	105.28	111.04	111.04
255	117.86	124.19	124.34
260	133.41	140.47	141.32
265	147.05	154.76	156.53
270	156.56	164.72	167.32
275	161.26	169.65	172.76
280	161.37	169.76	173.01
285	157.63	165.84	169.44
290	151.06	158.96	163.22
295	142.80	150.30	155.38
300	133.92	141.00	146.84
305	125.31	132.00	138.33
310	117.57	123.90	130.23
315	110.90	116.92	122.73
320	105.17	110.93	115.96
325	100.03	105.55	109.94
330	95.06	100.37	104.61
335	89.99	95.07	99.20
340	84.75	89.61	93.43
345	79.66	84.30	87.88
350	75.35	79.81	83.36
355	72.70	77.06	80.81