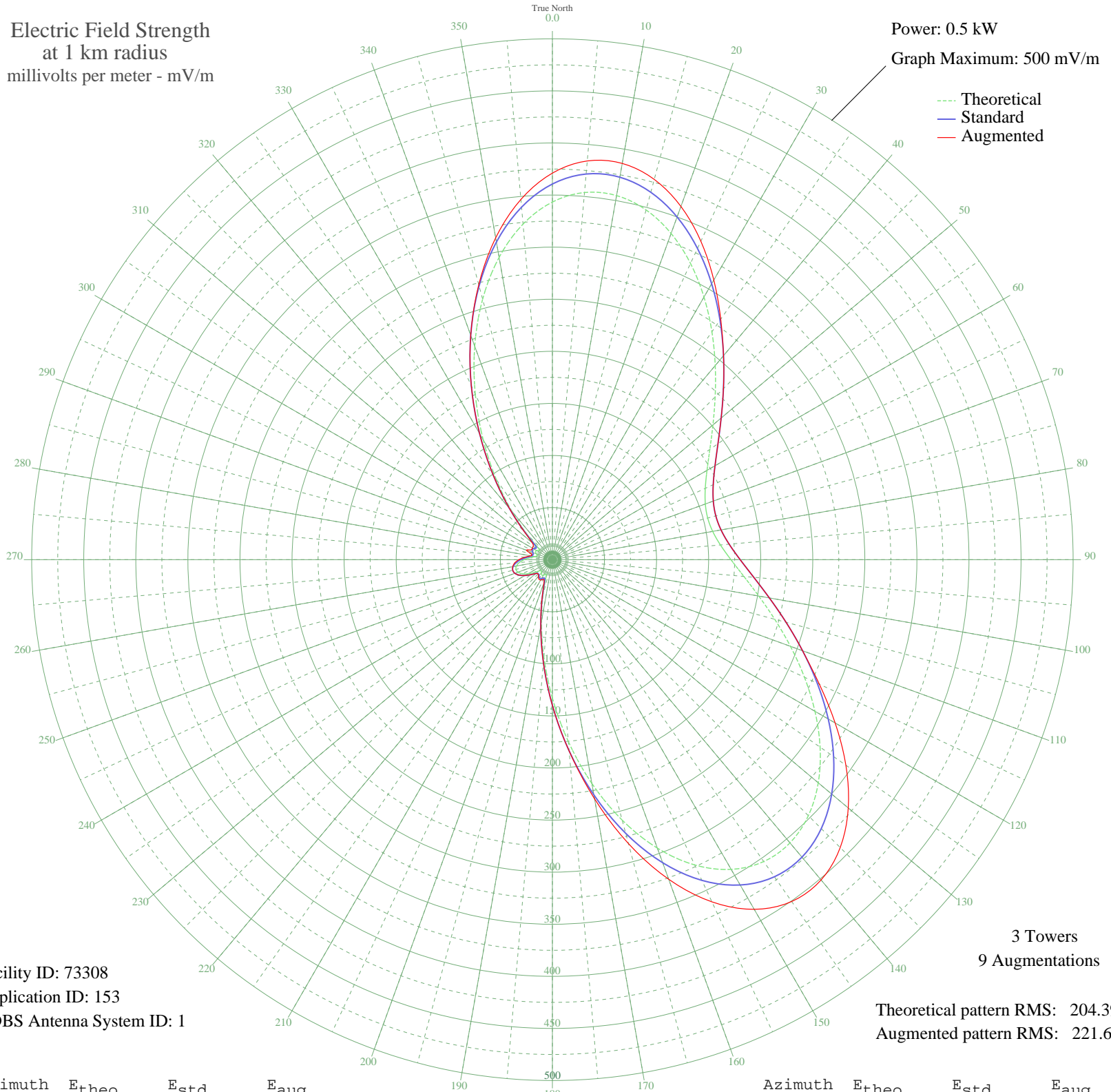


# WYCL NILES, OH BL-10380 1540 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 73308  
Application ID: 153  
CDBS Antenna System ID: 1

3 Towers  
9 Augmentations

Theoretical pattern RMS: 204.39  
Augmented pattern RMS: 221.60

Azimuth	Etheo	Estd	Eaug
0	343.31	360.63	371.08
5	353.79	371.62	384.21
10	354.91	372.80	386.24
15	347.58	365.11	377.91
20	333.26	350.08	360.84
25	313.78	329.64	337.29
30	291.10	305.83	309.97
35	267.05	280.60	281.81
40	243.25	255.63	255.63
45	220.99	232.27	232.27
50	201.22	211.54	211.54
55	184.57	194.08	194.08
60	171.42	180.30	180.30
65	161.97	170.39	170.39
70	156.28	164.43	164.43
75	154.38	162.44	162.44
80	156.28	164.43	164.43
85	161.97	170.39	170.39
90	171.42	180.30	180.30
95	184.57	194.08	194.08
100	201.22	211.54	211.54
105	220.99	232.27	232.27
110	243.25	255.63	255.63
115	267.05	280.60	282.82
120	291.10	305.83	313.48
125	313.78	329.64	344.01
130	333.26	350.08	370.85
135	347.58	365.11	390.84
140	354.91	372.80	401.37
145	353.79	371.62	400.59
150	343.31	360.63	387.57
155	323.36	339.69	362.44
160	294.68	309.59	326.49
165	258.84	271.99	282.17
170	218.10	229.25	233.12
175	175.17	184.22	184.36

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

Azimuth	Etheo	Estd	Eaug
180	132.86	139.89	139.91
185	93.83	99.08	99.15
190	60.35	64.23	64.49
195	34.38	37.60	38.27
200	18.49	22.07	23.49
205	15.29	19.18	20.92
210	17.43	21.10	22.58
215	17.86	21.50	22.66
220	16.32	20.10	20.90
225	15.11	19.03	19.42
230	16.91	20.62	20.70
235	21.59	24.98	24.98
240	27.12	30.35	30.35
245	31.93	35.13	35.13
250	35.11	38.33	38.33
255	36.22	39.45	39.43
260	35.11	38.33	38.70
265	31.92	35.13	36.33
270	27.12	30.35	32.19
275	21.59	24.98	26.65
280	16.91	20.62	21.31
285	15.11	19.03	20.45
290	16.32	20.10	26.55
295	17.86	21.50	22.21
300	17.43	21.10	22.16
305	15.29	19.18	22.49
310	18.49	22.07	25.23
315	34.39	37.60	38.45
320	60.35	64.23	64.24
325	93.83	99.08	99.08
330	132.86	139.90	139.90
335	175.17	184.22	184.22
340	218.10	229.25	229.25
345	258.84	271.99	273.24
350	294.68	309.59	313.68
355	323.36	339.69	347.12