

WDEO YPSILANTI, MI BL-19870316AH 990 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 73689
Application ID: 98876
CDBS Antenna System ID: 4683

3 Towers
0 Augmentations
Theoretical pattern RMS: 145.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	12.12	16.50	
5	12.67	16.95	
10	12.88	17.12	
15	12.67	16.95	
20	12.12	16.50	
25	11.37	15.90	
30	10.63	15.32	
35	10.09	14.92	
40	9.88	14.76	
45	10.15	14.96	
50	11.33	15.87	
55	14.32	18.34	
60	20.01	23.49	
65	28.84	32.06	
70	40.88	44.19	
75	55.94	59.67	
80	73.66	78.06	
85	93.46	98.69	
90	114.54	120.72	
95	135.98	143.16	
100	156.76	164.93	
105	175.91	185.01	
110	192.57	202.47	
115	206.05	216.60	
120	215.93	226.97	
125	222.08	233.42	
130	224.61	236.07	
135	223.88	235.31	
140	220.41	231.67	
145	214.86	225.85	
150	207.89	218.54	
155	200.19	210.46	
160	192.35	202.24	
165	184.91	194.44	
170	178.30	187.51	
175	172.85	181.79	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	168.79	177.54	
185	166.30	174.93	
190	165.46	174.05	
195	166.30	174.93	
200	168.79	177.54	
205	172.85	181.79	
210	178.30	187.51	
215	184.91	194.44	
220	192.35	202.24	
225	200.19	210.46	
230	207.89	218.54	
235	214.86	225.85	
240	220.41	231.67	
245	223.88	235.31	
250	224.61	236.07	
255	222.08	233.42	
260	215.93	226.97	
265	206.05	216.60	
270	192.57	202.47	
275	175.91	185.01	
280	156.76	164.93	
285	135.97	143.16	
290	114.54	120.72	
295	93.46	98.69	
300	73.66	78.06	
305	55.94	59.67	
310	40.88	44.19	
315	28.84	32.06	
320	20.01	23.49	
325	14.32	18.34	
330	11.33	15.87	
335	10.15	14.96	
340	9.88	14.76	
345	10.09	14.92	
350	10.63	15.32	
355	11.37	15.90	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission