

WTLC INDIANAPOLIS, IN BL-- 1310 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

- Theoretical
- Standard
- Augmented

Facility ID: 51433  
Application ID: 312168  
CDBS Antenna System ID: 17647

2 Towers  
5 Augmentations

Theoretical pattern RMS: 429.69

Azimuth	Etheo	Estd	Eaug
0	542.89	570.17	570.17
5	570.53	599.19	599.19
10	589.78	619.40	619.40
15	601.96	632.19	632.19
20	608.05	638.58	638.58
25	608.60	639.15	639.15
30	603.64	633.95	633.95
35	592.74	622.51	622.51
40	575.00	603.89	603.89
45	549.16	576.76	576.76
50	513.73	539.57	539.57
55	467.22	490.74	490.74
60	408.35	428.96	428.96
65	336.41	353.46	353.46
70	251.70	264.59	264.59
75	156.67	165.00	165.00
80	66.63	71.11	71.11
85	97.51	103.18	114.89
90	207.74	218.50	246.47
95	322.65	339.03	373.73
100	430.89	452.62	484.41
105	525.68	552.11	574.08
110	601.50	631.70	641.91
115	654.14	686.96	688.82
120	681.00	715.16	715.16
125	681.35	715.53	715.53
130	656.30	689.23	689.23
135	608.63	639.19	639.19
140	542.46	569.73	569.73
145	462.74	486.05	486.05
150	374.81	393.76	393.78
155	283.98	298.45	298.58
160	195.43	205.60	205.99
165	115.31	121.75	122.72
170	59.86	64.13	76.92
175	72.46	77.15	81.72

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.

19 Oct 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	118.58	125.16	127.40
185	161.43	169.98	172.72
190	194.88	205.02	208.36
195	217.72	228.97	232.82
200	229.70	241.53	245.73
205	230.79	242.67	246.90
210	220.99	232.39	236.33
215	200.31	210.71	214.08
220	168.93	177.84	180.40
225	127.76	134.75	136.36
230	81.09	86.09	86.69
235	56.04	60.21	60.21
240	101.23	107.05	107.05
245	178.48	187.84	187.84
250	265.92	279.50	279.50
255	356.71	374.76	374.76
260	445.64	468.10	468.10
265	527.43	553.95	553.95
270	596.73	626.69	626.69
275	648.46	681.00	681.00
280	678.30	712.33	712.33
285	683.18	717.45	717.45
290	661.62	694.82	694.82
295	613.99	644.82	644.82
300	542.52	569.79	569.79
305	451.12	473.85	473.85
310	345.07	362.55	362.55
315	230.86	242.74	242.74
320	117.97	124.52	124.71
325	57.22	61.42	75.11
330	137.09	144.50	144.50
335	233.37	245.37	245.37
340	320.46	336.72	336.72
345	395.02	414.96	414.96
350	456.47	479.46	479.46
355	505.36	530.78	530.78