

WMCU CORAL GABLES, FL BL-19800513AA 1080 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 74165
Application ID: 20112
CDBS Antenna System ID: 7053

6 Towers
0 Augmentations

Theoretical pattern RMS: 1995.44

Azimuth	E _{theo}	E _{std}	E _{aug}
0	745.70	786.50	
5	609.23	643.99	
10	529.76	561.18	
15	589.07	622.96	
20	778.11	820.39	
25	1033.71	1087.93	
30	1323.42	1391.58	
35	1645.79	1729.67	
40	2014.95	2117.00	
45	2445.40	2568.74	
50	2938.37	3086.19	
55	3474.99	3649.50	
60	4017.77	4219.31	
65	4517.84	4744.32	
70	4924.15	5170.89	
75	5192.30	5452.42	
80	5291.74	5556.82	
85	5210.27	5471.28	
90	4955.38	5203.68	
95	4552.38	4780.58	
100	4039.74	4242.38	
105	3462.85	3636.75	
110	2867.41	3011.70	
115	2293.96	2409.81	
120	1774.30	1864.49	
125	1330.42	1398.91	
130	975.59	1027.05	
135	716.10	755.57	
140	550.42	582.70	
145	462.70	491.47	
150	421.33	448.58	
155	394.71	421.04	
160	365.23	390.61	
165	329.10	353.44	
170	291.87	315.33	
175	264.48	287.46	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	257.12	280.00	
185	269.91	292.97	
190	291.31	314.76	
195	306.98	330.76	
200	307.18	330.97	
205	291.91	315.37	
210	278.29	301.49	
215	302.70	326.40	
220	386.82	412.89	
225	510.12	540.75	
230	637.84	673.84	
235	740.09	780.63	
240	795.44	838.51	
245	792.96	835.92	
250	733.58	773.83	
255	629.41	665.04	
260	501.00	531.27	
265	373.33	398.97	
270	272.57	295.67	
275	220.87	243.51	
280	218.19	240.83	
285	237.57	260.27	
290	254.42	277.27	
295	256.23	279.10	
300	240.42	263.13	
305	220.32	242.96	
310	234.80	257.47	
315	316.19	340.20	
320	447.96	476.18	
325	599.37	633.71	
330	745.85	786.65	
335	867.77	914.18	
340	949.53	999.76	
345	979.90	1031.57	
350	953.20	1003.61	
355	871.01	917.56	

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.

12 Oct 2008

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Federal Communications Commission