

# YVKC CARACAS, - Venezuela -- 790 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 99924  
Application ID: 306826  
CDBS Antenna System ID: 6489

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 1570.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1570.00	1649.34	
5	1673.71	1758.18	
10	1768.88	1858.06	
15	1854.62	1948.06	
20	1930.38	2027.58	
25	1995.91	2096.36	
30	2051.30	2154.51	
35	2096.95	2202.43	
40	2133.51	2240.80	
45	2161.83	2270.53	
50	2182.94	2292.69	
55	2197.96	2308.45	
60	2208.04	2319.03	
65	2214.31	2325.61	
70	2217.83	2329.31	
75	2219.52	2331.09	
80	2220.16	2331.76	
85	2220.31	2331.91	
90	2220.32	2331.92	
95	2220.31	2331.91	
100	2220.16	2331.76	
105	2219.52	2331.09	
110	2217.83	2329.31	
115	2214.31	2325.61	
120	2208.04	2319.03	
125	2197.96	2308.45	
130	2182.94	2292.69	
135	2161.83	2270.53	
140	2133.51	2240.80	
145	2096.95	2202.43	
150	2051.30	2154.51	
155	1995.91	2096.36	
160	1930.38	2027.58	
165	1854.62	1948.06	
170	1768.88	1858.07	
175	1673.71	1758.18	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1570.00	1649.34	
185	1458.94	1532.78	
190	1341.96	1410.04	
195	1220.72	1282.84	
200	1097.01	1153.06	
205	972.70	1022.68	
210	849.68	893.70	
215	729.79	768.07	
220	614.78	647.65	
225	506.26	534.16	
230	405.69	429.19	
235	314.31	334.17	
240	233.20	250.42	
245	163.24	179.26	
250	105.13	122.23	
255	59.41	81.53	
260	26.49	59.41	
265	6.64	52.96	
270	0.00	52.50	
275	6.64	52.96	
280	26.49	59.41	
285	59.41	81.53	
290	105.13	122.23	
295	163.24	179.26	
300	233.20	250.42	
305	314.31	334.17	
310	405.69	429.19	
315	506.26	534.16	
320	614.78	647.65	
325	729.79	768.07	
330	849.68	893.71	
335	972.70	1022.68	
340	1097.01	1153.06	
345	1220.72	1282.84	
350	1341.96	1410.04	
355	1458.94	1532.78	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission