

- SOLEDADE 1, - Brazil -- 1250 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 102995
Application ID: 310136
CDBS Antenna System ID: 61687

2 Towers
0 Augmentations

Theoretical pattern RMS: 141.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	176.14	185.25	
5	183.69	193.16	
10	190.64	200.45	
15	196.98	207.09	
20	202.68	213.07	
25	207.72	218.35	
30	212.09	222.94	
35	215.79	226.82	
40	218.82	230.00	
45	221.17	232.46	
50	222.85	234.23	
55	223.85	235.28	
60	224.19	235.63	
65	223.85	235.28	
70	222.85	234.23	
75	221.17	232.46	
80	218.82	230.00	
85	215.79	226.82	
90	212.09	222.94	
95	207.72	218.35	
100	202.68	213.07	
105	196.98	207.09	
110	190.64	200.45	
115	183.69	193.16	
120	176.14	185.25	
125	168.05	176.77	
130	159.46	167.76	
135	150.42	158.29	
140	141.01	148.43	
145	131.28	138.25	
150	121.33	127.83	
155	111.24	117.27	
160	101.09	106.66	
165	90.98	96.11	
170	81.01	85.71	
175	71.27	75.57	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	61.85	65.79	
185	52.84	56.47	
190	44.33	47.72	
195	36.39	39.62	
200	29.09	32.30	
205	22.50	25.85	
210	16.67	20.41	
215	11.66	16.13	
220	7.51	13.13	
225	4.24	11.41	
230	1.89	10.69	
235	0.47	10.51	
240	0.00	10.50	
245	0.47	10.51	
250	1.89	10.69	
255	4.24	11.41	
260	7.51	13.13	
265	11.66	16.13	
270	16.67	20.41	
275	22.50	25.85	
280	29.09	32.30	
285	36.39	39.62	
290	44.33	47.72	
295	52.84	56.47	
300	61.85	65.79	
305	71.27	75.57	
310	81.01	85.71	
315	90.98	96.11	
320	101.09	106.66	
325	111.24	117.27	
330	121.33	127.83	
335	131.28	138.25	
340	141.01	148.43	
345	150.42	158.29	
350	159.46	167.76	
355	168.05	176.77	