



Facility ID: 39494  
 Application ID: 314392  
 CDBS Antenna System ID: 23618

Theoretical

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	716.34	752.67	752.67
5	709.22	745.20	745.20
10	688.03	722.97	722.97
15	653.29	686.52	686.52
20	605.92	636.82	636.82
25	547.31	575.35	575.35
30	479.39	504.13	504.13
35	404.69	425.83	425.83
40	326.29	343.73	343.73
45	247.81	261.68	261.68
50	173.17	183.94	183.94
55	106.43	115.14	115.14
60	51.64	60.91	60.91
65	15.91	32.39	32.39
70	21.74	35.93	35.93
75	29.26	41.39	41.39
80	24.06	37.53	37.53
85	16.27	32.58	32.58
90	34.54	45.66	45.66
95	65.57	74.23	74.23
100	97.15	105.71	108.34
105	123.51	132.62	136.79
110	140.41	150.02	154.52
115	144.99	154.75	159.89
120	135.94	145.41	151.38
125	113.63	122.50	133.31
130	80.68	89.14	106.35
135	46.28	55.95	72.21
140	49.85	59.24	62.30
145	96.04	104.59	104.59
150	150.33	160.26	160.26
155	203.35	215.31	215.31
160	251.06	265.07	265.07
165	290.73	306.53	306.53
170	320.41	337.57	337.57
175	338.74	356.76	356.76

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.

Azimuth	E <sub>theo</sub>
180	344.94
185	338.74
190	320.41
195	290.73
200	251.06
205	203.35
210	150.33
215	96.04
220	49.85
225	46.28
230	80.68
235	113.63
240	135.94
245	144.99
250	140.41
255	123.51
260	97.15
265	65.57
270	34.54
275	16.27
280	24.06
285	29.26
290	21.74
295	15.91
300	51.64
305	106.43
310	173.17
315	247.81
320	326.29
325	404.69
330	479.39
335	547.31
340	605.92
345	653.29
350	688.03
355	709.22

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