

**ANDREW****TABULATED DATA FOR ELEVATION PATTERN****TYPE : ATW24H4H**

Angle Field dB -5 To 10 In 0.25 Increments	Angle Field dB 10 To 90 In 0.5 Increments	Angle Field dB	Angle Field dB
-5.00 0.138 -17.23	8.75 0.127 -17.95	35.00 0.036 -28.88	62.50 0.026 -31.81
-4.75 0.170 -15.37	9.00 0.111 -19.11	35.50 0.026 -31.69	63.00 0.027 -31.53
-4.50 0.192 -14.32	9.25 0.091 -20.81	36.00 0.025 -32.15	63.50 0.032 -29.81
-4.25 0.198 -14.08	9.50 0.075 -22.46	36.50 0.034 -29.40	64.00 0.039 -28.09
-4.00 0.185 -14.66	9.75 0.072 -22.85	37.00 0.040 -27.87	64.50 0.045 -26.93
-3.75 0.157 -16.08	10.00 0.081 -21.80	37.50 0.039 -28.27	65.00 0.048 -26.37
-3.50 0.127 -17.96	10.50 0.103 -19.73	38.00 0.030 -30.48	65.50 0.048 -26.39
-3.25 0.123 -18.22	11.00 0.098 -20.14	38.50 0.023 -32.65	66.00 0.045 -26.97
-3.00 0.164 -15.70	11.50 0.070 -23.09	39.00 0.029 -30.89	66.50 0.039 -28.09
-2.75 0.229 -12.82	12.00 0.058 -24.77	39.50 0.037 -28.61	67.00 0.033 -29.65
-2.50 0.293 -10.66	12.50 0.078 -22.21	40.00 0.040 -28.00	67.50 0.027 -31.26
-2.25 0.344 -9.26	13.00 0.086 -21.33	40.50 0.035 -29.17	68.00 0.025 -31.94
-2.00 0.373 -8.57	13.50 0.069 -23.16	41.00 0.026 -31.74	68.50 0.028 -31.05
-1.75 0.375 -8.52	14.00 0.048 -26.32	41.50 0.023 -32.60	69.00 0.034 -29.44
-1.50 0.352 -9.09	14.50 0.058 -24.77	42.00 0.031 -30.11	69.50 0.040 -27.97
-1.25 0.313 -10.10	15.00 0.074 -22.63	42.50 0.039 -28.25	70.00 0.045 -26.89
-1.00 0.286 -10.86	15.50 0.070 -23.07	43.00 0.040 -28.00	70.50 0.049 -26.22
-0.75 0.312 -10.10	16.00 0.050 -25.99	43.50 0.034 -29.37	71.00 0.050 -25.95
-0.50 0.402 -7.91	16.50 0.043 -27.42	44.00 0.025 -31.88	71.50 0.050 -26.04
-0.25 0.530 -5.51	17.00 0.058 -24.67	44.50 0.024 -32.52	72.00 0.047 -26.47
0.00 0.668 -3.50	17.50 0.066 -23.63	45.00 0.031 -30.16	72.50 0.044 -27.22
0.25 0.796 -1.98	18.00 0.055 -25.22	45.50 0.038 -28.34	73.00 0.039 -28.29
0.50 0.901 -0.91	18.50 0.038 -28.33	46.00 0.040 -27.99	73.50 0.033 -29.61
0.75 0.971 -0.26	19.00 0.044 -27.21	46.50 0.035 -29.11	74.00 0.028 -31.02
1.00 1.000 0.00	19.50 0.057 -24.84	47.00 0.027 -31.43	74.50 0.025 -32.14
1.25 0.987 -0.12	20.00 0.057 -24.87	47.50 0.023 -32.83	75.00 0.024 -32.44
1.50 0.932 -0.61	20.50 0.043 -27.37	48.00 0.028 -30.94	75.50 0.026 -31.79
1.75 0.842 -1.49	21.00 0.034 -29.47	48.50 0.036 -28.79	76.00 0.029 -30.66
2.00 0.726 -2.78	21.50 0.045 -26.92	49.00 0.040 -27.88	76.50 0.034 -29.49
2.25 0.596 -4.49	22.00 0.054 -25.29	49.50 0.038 -28.31	77.00 0.038 -28.48
2.50 0.468 -6.59	22.50 0.049 -26.16	50.00 0.032 -30.02	77.50 0.041 -27.68
2.75 0.362 -8.83	23.00 0.035 -29.17	50.50 0.024 -32.32	78.00 0.044 -27.10
3.00 0.297 -10.55	23.50 0.032 -29.77	51.00 0.024 -32.41	78.50 0.046 -26.70
3.25 0.282 -11.01	24.00 0.045 -26.97	51.50 0.031 -30.12	79.00 0.047 -26.48
3.50 0.295 -10.61	24.50 0.050 -25.98	52.00 0.039 -28.29	79.50 0.048 -26.41
3.75 0.309 -10.20	25.00 0.043 -27.43	52.50 0.042 -27.61	80.00 0.047 -26.48
4.00 0.308 -10.23	25.50 0.030 -30.42	53.00 0.039 -28.09	80.50 0.046 -26.67
4.25 0.287 -10.83	26.00 0.033 -29.72	53.50 0.033 -29.66	81.00 0.045 -26.96
4.50 0.250 -12.02	26.50 0.044 -27.12	54.00 0.026 -31.83	81.50 0.043 -27.36
4.75 0.205 -13.77	27.00 0.047 -26.58	54.50 0.024 -32.43	82.00 0.041 -27.85
5.00 0.164 -15.72	27.50 0.038 -28.40	55.00 0.030 -30.54	82.50 0.038 -28.42
5.25 0.142 -16.93	28.00 0.027 -31.36	55.50 0.037 -28.57	83.00 0.035 -29.08
5.50 0.147 -16.64	28.50 0.031 -30.06	56.00 0.042 -27.52	83.50 0.032 -29.81
5.75 0.165 -15.63	29.00 0.042 -27.55	56.50 0.042 -27.46	84.00 0.029 -30.62
6.00 0.180 -14.87	29.50 0.044 -27.15	57.00 0.038 -28.35	84.50 0.027 -31.51
6.25 0.184 -14.70	30.00 0.036 -28.99	57.50 0.031 -30.10	85.00 0.024 -32.47
6.50 0.174 -15.17	30.50 0.026 -31.72	58.00 0.025 -32.01	85.50 0.021 -33.53
6.75 0.153 -16.31	31.00 0.030 -30.33	58.50 0.025 -32.03	86.00 0.018 -34.69
7.00 0.126 -18.01	31.50 0.040 -27.88	59.00 0.031 -30.14	86.50 0.016 -35.99
7.25 0.102 -19.80	32.00 0.043 -27.41	59.50 0.039 -28.29	87.00 0.013 -37.44
7.50 0.094 -20.52	32.50 0.035 -29.09	60.00 0.044 -27.18	87.50 0.011 -39.13
7.75 0.103 -19.70	33.00 0.025 -31.95	60.50 0.045 -26.88	88.00 0.009 -41.16
8.00 0.119 -18.47	33.50 0.028 -31.16	61.00 0.043 -27.35	88.50 0.007 -43.73
8.25 0.131 -17.64	34.00 0.037 -28.53	61.50 0.037 -28.55	89.00 0.004 -47.30
8.50 0.134 -17.46	34.50 0.041 -27.68	62.00 0.030 -30.31	89.50 0.002 -53.35