

ATW16H3-HTS180-23H

**AZIMUTH PATTERN**

**Type:** ATW-S180

<b>Numeric</b>	<b>dBd</b>
<u>1.80</u>	<u>2.55</u>

**Directivity:** 1.80

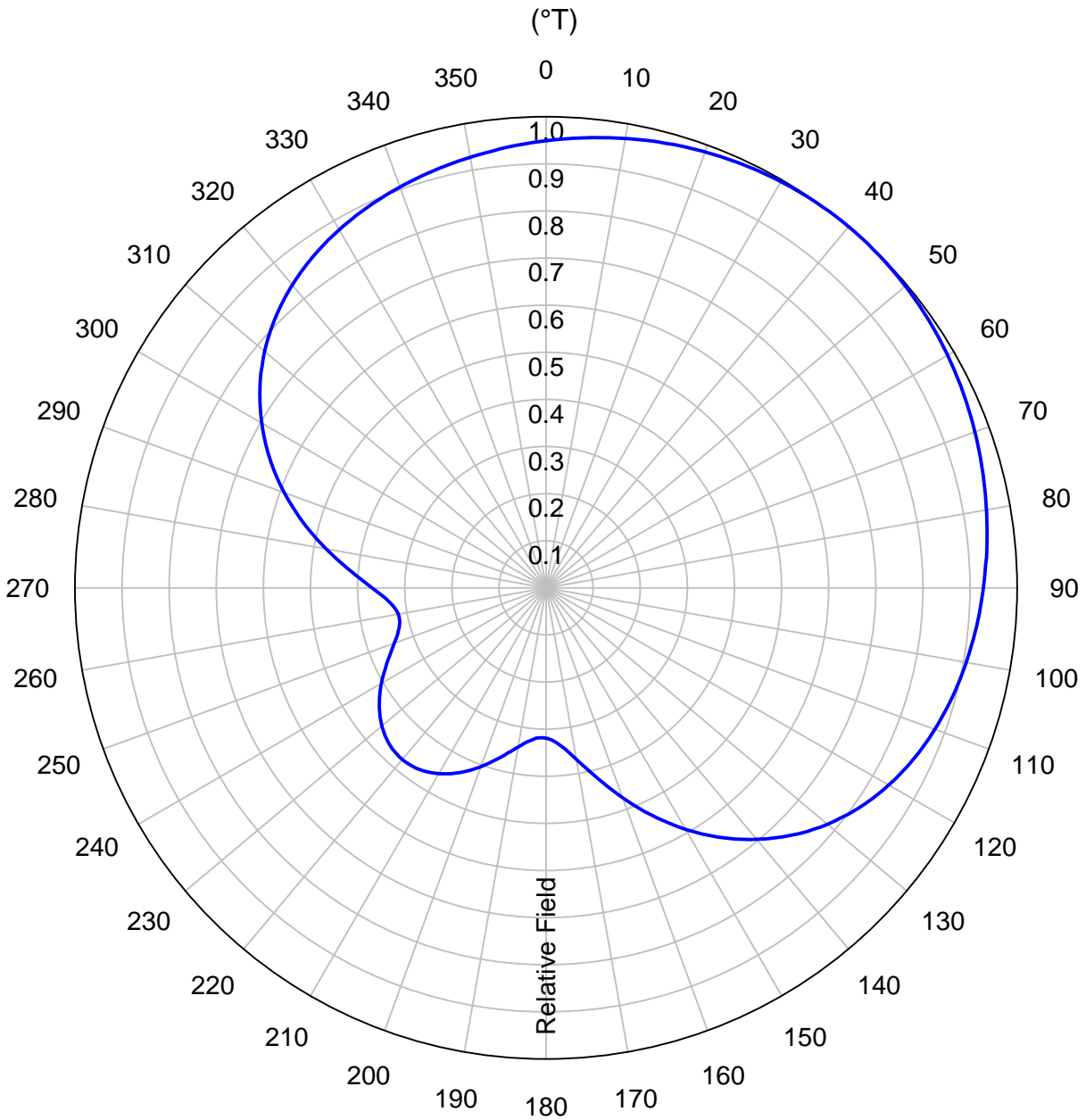
**Peak(s) at:**                     

**Channel:** 23

**Location:**                     

**Polarization:** Horizontal

Note: Pattern shape and directivity may vary with channel and mouting configuration.



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## TABULATED DATA FOR AZIMUTH PATTERN FCC FILING FORMAT

Type ATW-S180

Polarization Horizontal

ANGLE	FIELD	ERP (kW)	ERP (dBk)
0	0.949	550.956	27.411
10	0.968	573.238	27.583
20	0.985	593.549	27.735
30	0.996	606.880	27.831
40	1.000	611.765	27.866
50	0.996	606.880	27.831
60	0.985	593.549	27.735
70	0.968	573.238	27.583
80	0.949	550.956	27.411
90	0.928	526.842	27.217
100	0.906	502.158	27.008
110	0.878	471.600	26.736
120	0.839	430.634	26.341
130	0.780	372.198	25.708
140	0.697	297.201	24.730
150	0.591	213.678	23.298
160	0.474	137.449	21.381
170	0.369	83.298	19.206
180	0.319	62.254	17.942
190	0.343	71.974	18.572
200	0.403	99.356	19.972
210	0.455	126.651	21.026
220	0.475	138.029	21.400
230	0.455	126.651	21.026
240	0.403	99.356	19.972
250	0.343	71.974	18.572
260	0.319	62.254	17.942
270	0.369	83.298	19.206
280	0.474	137.449	21.381
290	0.591	213.678	23.298
300	0.697	297.201	24.730
310	0.780	372.198	25.708
320	0.839	430.634	26.341
330	0.878	471.600	26.736
340	0.906	502.158	27.008
350	0.928	526.842	27.217