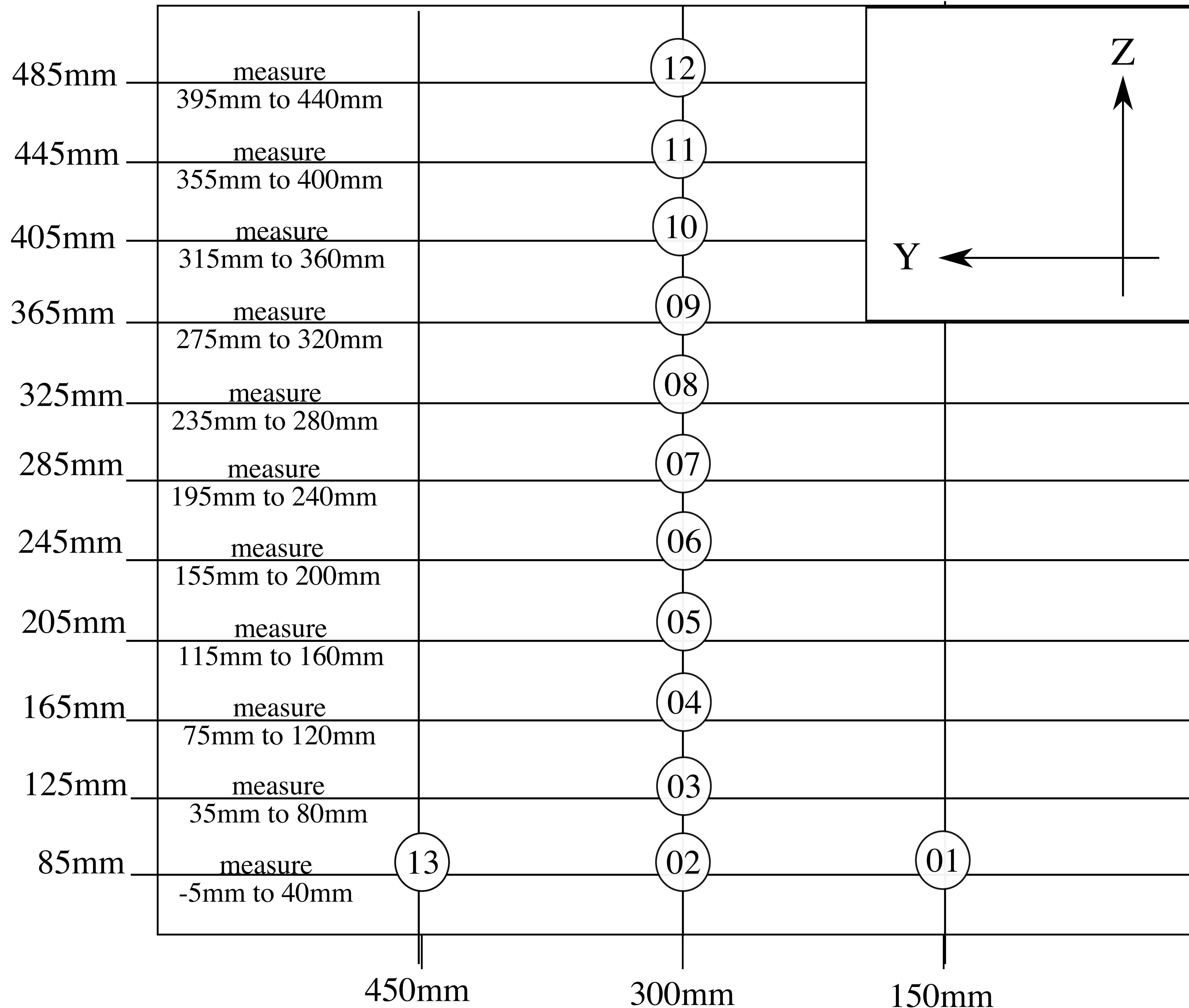


# Location of Upper ADV [ A2(y), A2(z)] Position



1) A2 z-measurement region (20mm)  
[A2(y),A2(z)-45mm]  
to  
[A2(y),A2(z)-65mm]

2) Lower ADV (A1) head position:  
[A2(y), A2(z)-21mm]

3) A1 measurement region (27mm)  
[A2(y), A1(z)-42mm]

to  
[A2(y), A1(z)-69mm]

or  
[A2(y), A2(z)-63mm]

to  
[A2(y), A2(z)-90mm]

4) Total measurement region (45mm)  
[A2(y), A2(z)-45mm]

to  
[A2(y), A2(z)-90mm]

5) Time (per position)  
10s stationary; 60s record data;  
20s move time

Total time (13 positions)

**ADV Experiments: 19.5min**