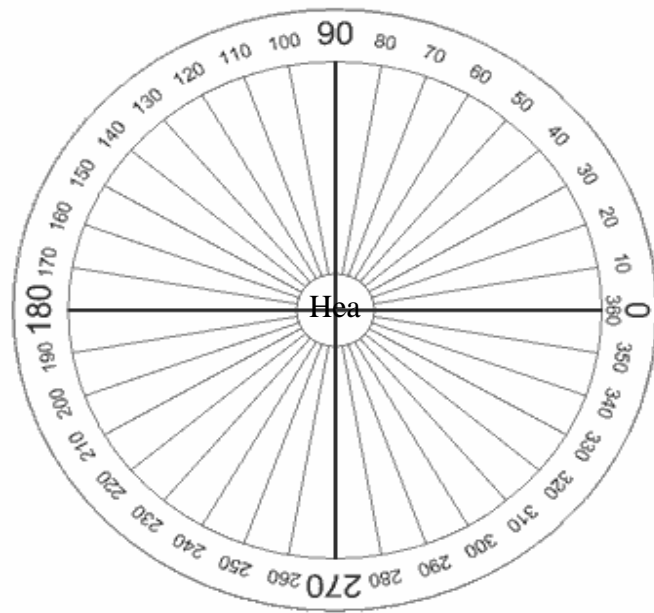


Ludlum Measurements, Inc.

Testing the Angular Response of the Model 9-4 to Cs-137 at 100mR/hr point.

Decade setting at X100	Head on moving in a Horizontal Plane with detector at center point 100mR/hr	Head on moving in a Vertical Plane upwards maintaining detector at or over center point 100mR/hr	Rear facing moving in a Vertical Plane upwards maintaining chamber at center point 100mR/hr
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0°	1	1	1
15°	1	1	1
30°	1	1	1
45°	1	1	1
60°	1	1	1
75°	1	1	1
90°	1	1	1
105°	1		
120°	1		
135°	1		
150°	1		
165°	1		
180°	1		
195°	1		
210°	1		
225°	1		
240°	1		
255°	1		
270°	1		
285°	1		
300°	1		
315°	1		
330°	1		
345°	1		
360°	1		



Reference for report only