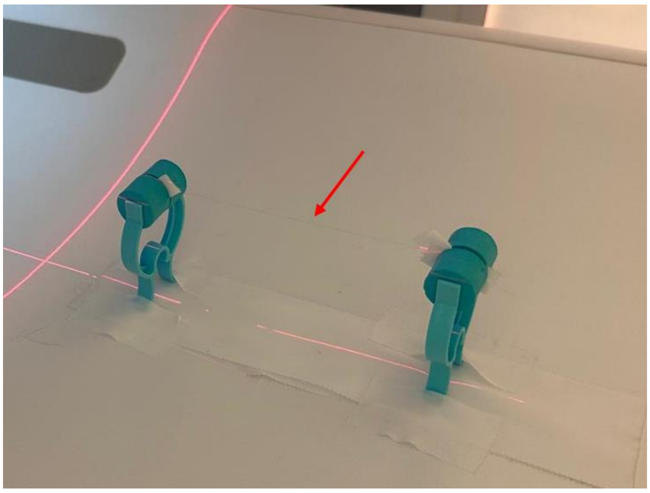

Figure 1: Experimental setup for MTF measurement using a thin tungsten wire slightly tilted in the coronal plane.

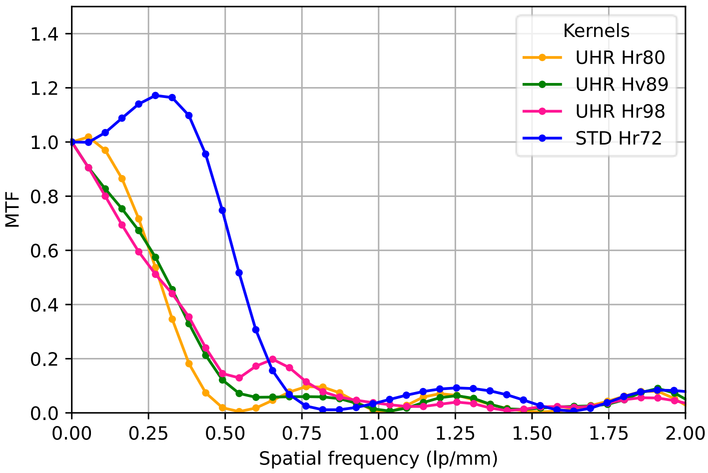

Figure 2: MTF computed for the tungsten wire located at the center of the CT gantry

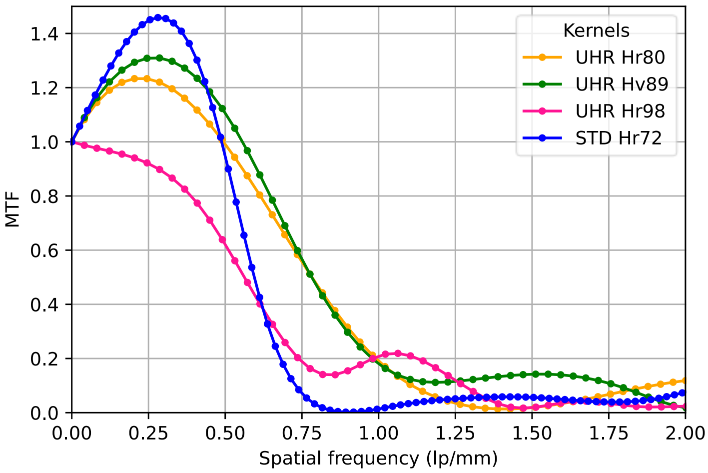

Figure 3: MTF computed for the tungsten wire located at 4 cm horizontally from the isocenter of the gantry

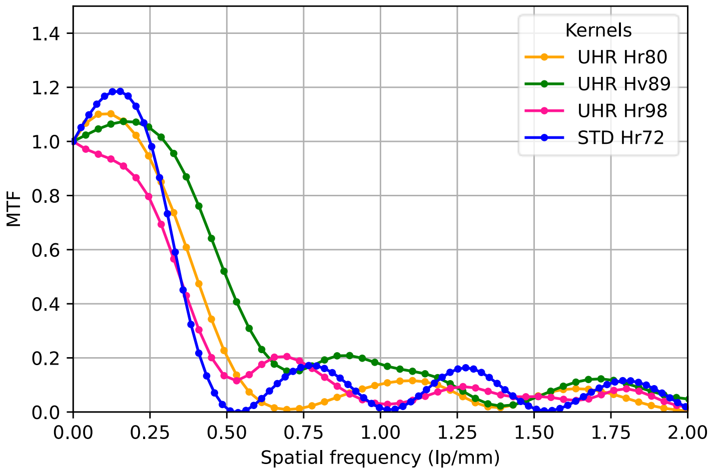

Figure 4: MTF computed for the tungsten wire located at 5 cm vertically from the isocenter of the gantry

	Isocenter		4 cm-x displacement		5 cm-y displacement	
Recon. kernel	$f_{10\%}$ (lp/mm)	$f_{50\%}$ (lp/mm)	$f_{10\%}$ (lp/mm)	$f_{50\%}$ (lp/mm)	$f_{10\%}$ (lp/mm)	$f_{50\%}$ (lp/mm)
Hr80 (120x0.2 mm)	0.41	0.28	1.10	0.77	0.53	0.41
Hr98 (120x0.2 mm)	0.78	0.29	1.27	0.57	0.53	0.34
Hv89 (120x0.2 mm)	0.51	0.29	1.18	0.78	1.22	0.49
Hr72 (144x0.4 mm)	0.67	0.55	0.72	0.59	0.66	0.37

Table 1: Values of $f_{10\%}$ and $f_{50\%}$ for the three position of the test object and for the used reconstruction kernels