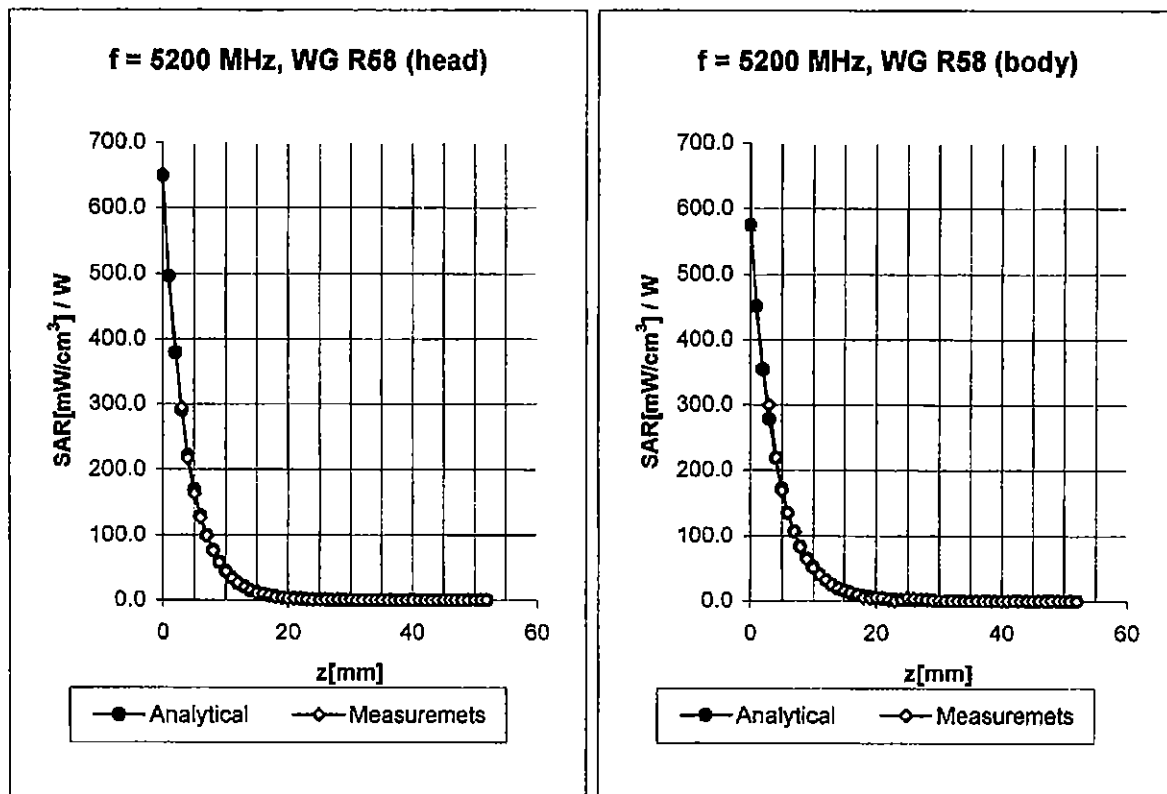


Conversion Factor Assessment



Head **5200 MHz** $\epsilon_r = 36.0 \pm 5\%$ $\sigma = 4.66 \pm 5\%$ mho/m

Valid for f=4940-5460 MHz with Head Tissue Simulating Liquid according to OET65-SuppC

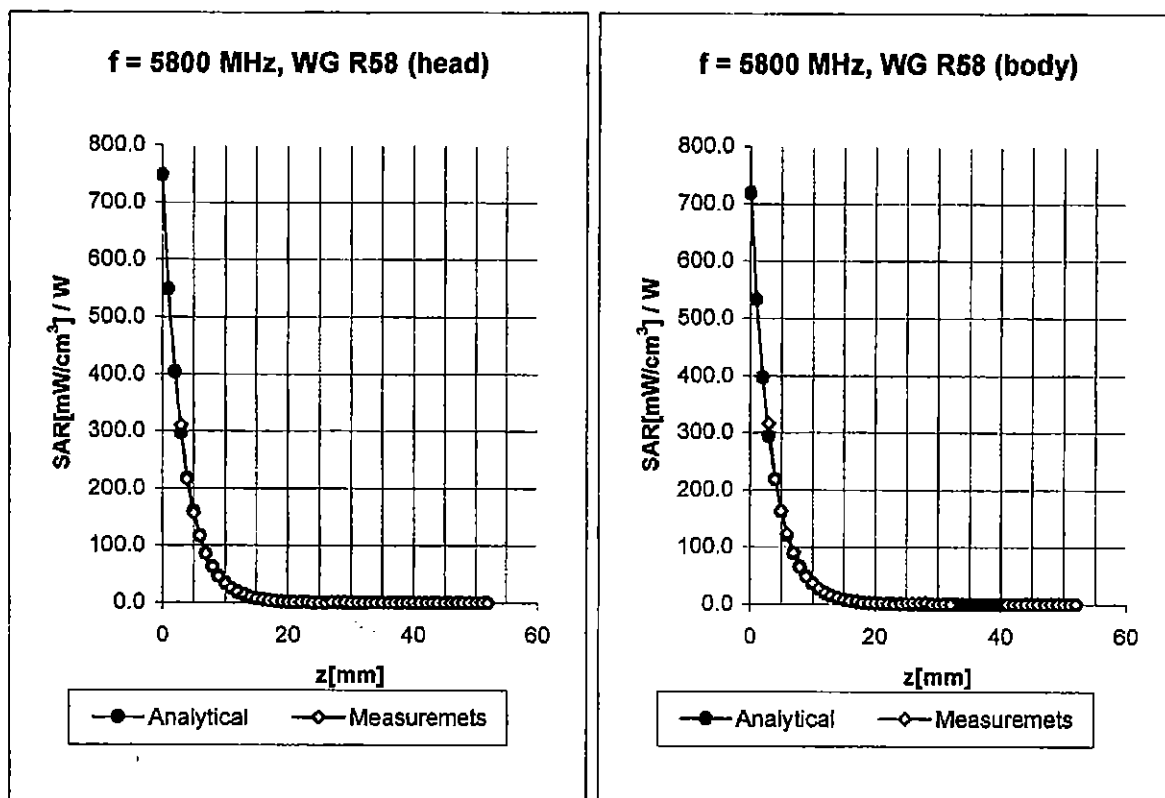
ConvF X	2.60 $\pm 16.6\%$ (k=2)	Boundary effect:	
ConvF Y	2.60 $\pm 16.6\%$ (k=2)	Alpha	0.93
ConvF Z	2.60 $\pm 16.6\%$ (k=2)	Depth	1.50

Body **5200 MHz** $\epsilon_r = 49.0 \pm 5\%$ $\sigma = 5.30 \pm 5\%$ mho/m

Valid for f=4940-5460 MHz with Body Tissue Simulating Liquid according to OET65-SuppC

ConvF X	1.80 $\pm 16.6\%$ (k=2)	Boundary effect:	
ConvF Y	1.80 $\pm 16.6\%$ (k=2)	Alpha	1.05
ConvF Z	1.80 $\pm 16.6\%$ (k=2)	Depth	1.60

Conversion Factor Assessment



Head **5800 MHz** $\epsilon_r = 35.3 \pm 5\%$ $\sigma = 5.27 \pm 5\%$ mho/m

Valid for f=5510-6090 MHz with Head Tissue Simulating Liquid according to OET65-SuppC

ConvF X	2.15 $\pm 16.6\%$ (k=2)	Boundary effect:
ConvF Y	2.15 $\pm 16.6\%$ (k=2)	Alpha 1.04
ConvF Z	2.15 $\pm 16.6\%$ (k=2)	Depth 1.50

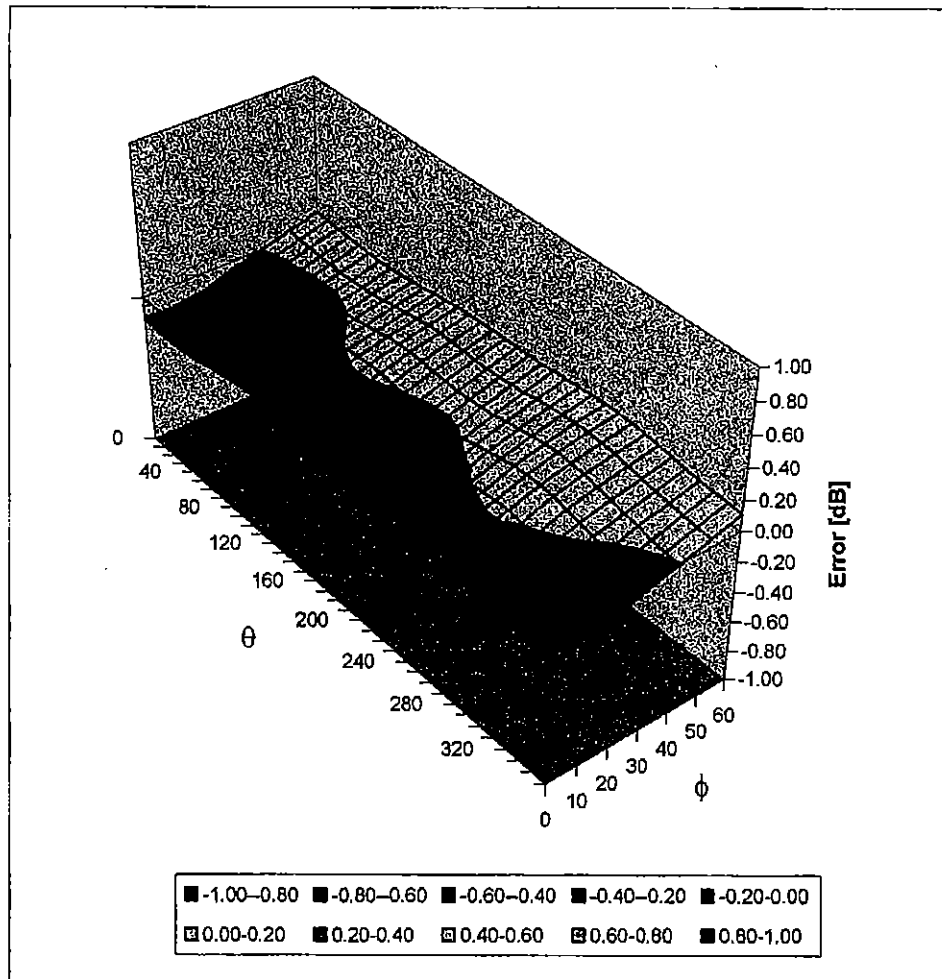
Body **5800 MHz** $\epsilon_r = 48.2 \pm 5\%$ $\sigma = 6.0 \pm 5\%$ mho/m

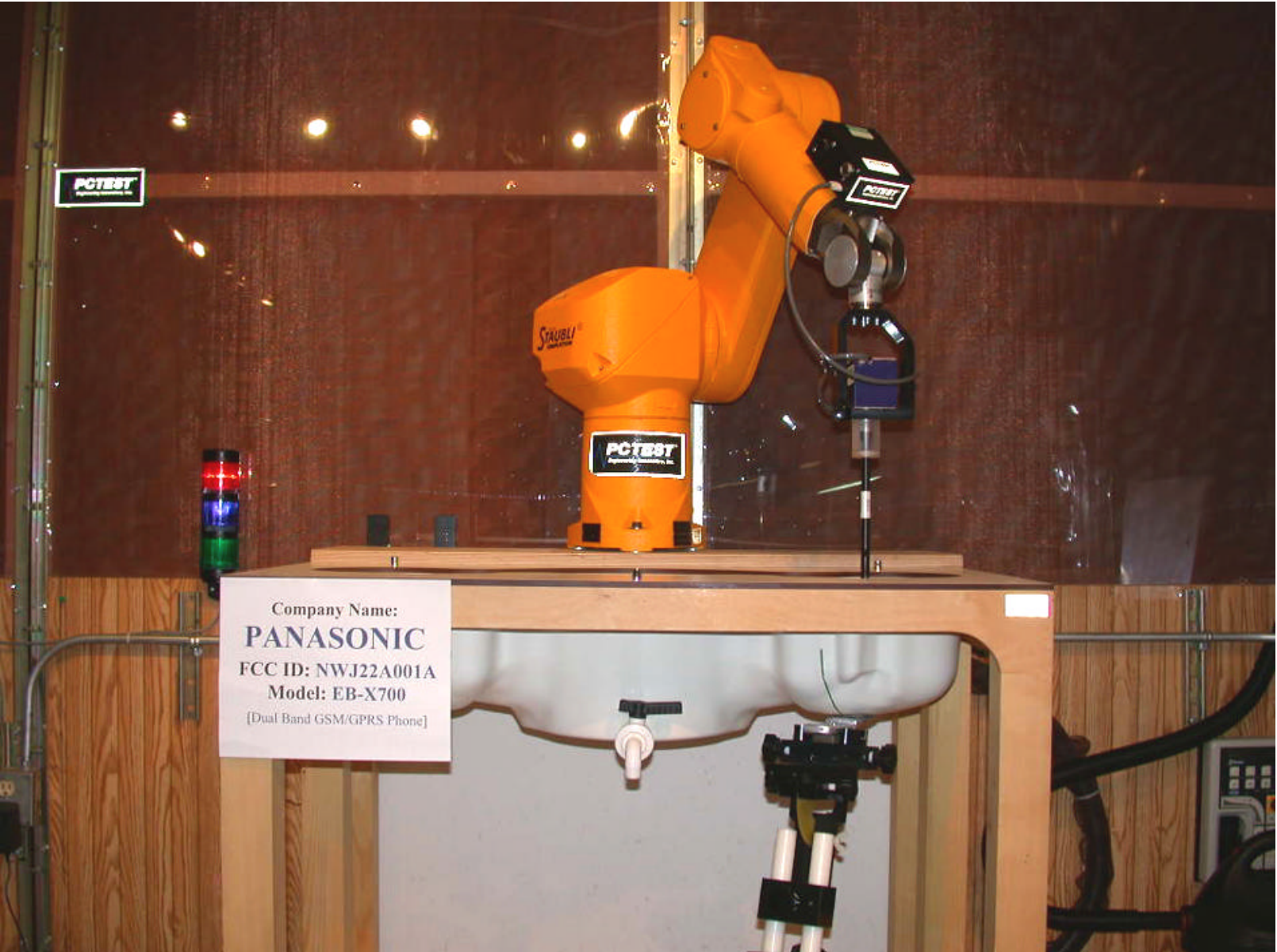
Valid for f=5510-6090 MHz with Body Tissue Simulating Liquid according to OET65-SuppC

ConvF X	1.57 $\pm 16.6\%$ (k=2)	Boundary effect:
ConvF Y	1.57 $\pm 16.6\%$ (k=2)	Alpha 1.15
ConvF Z	1.57 $\pm 16.6\%$ (k=2)	Depth 1.70

Deviation from Isotropy in HSL

Error ($\theta\phi$), $f = 900$ MHz






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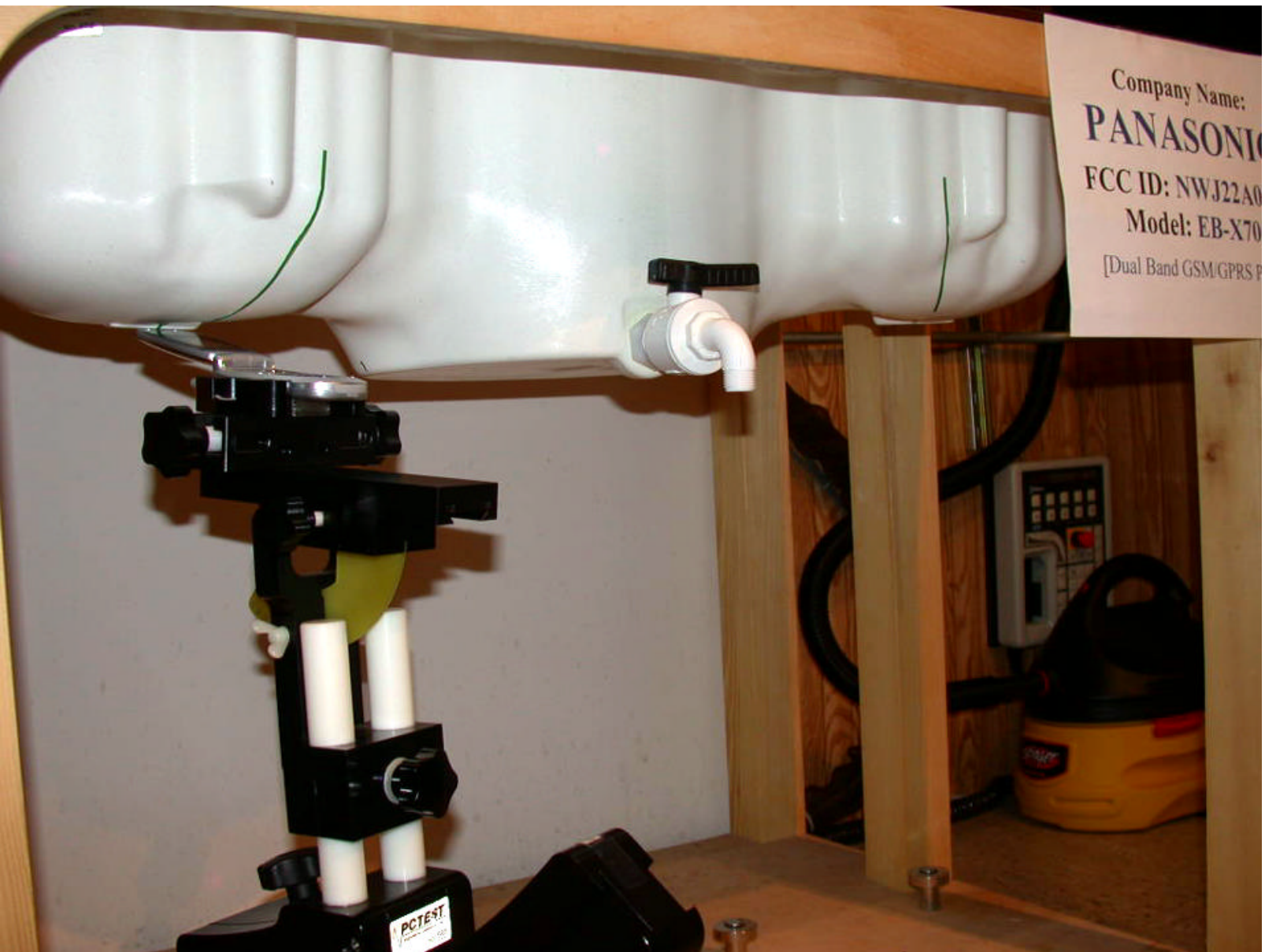
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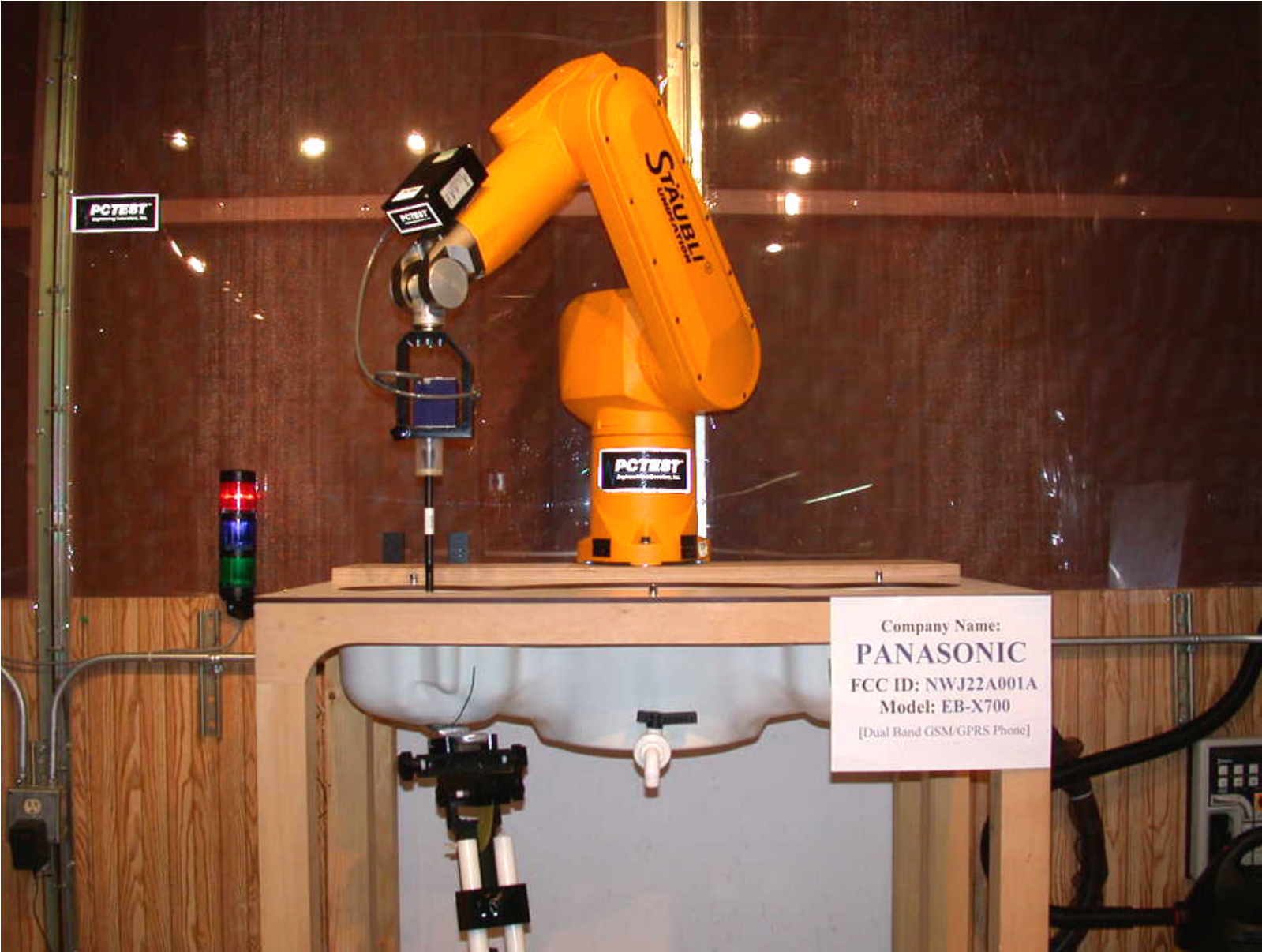
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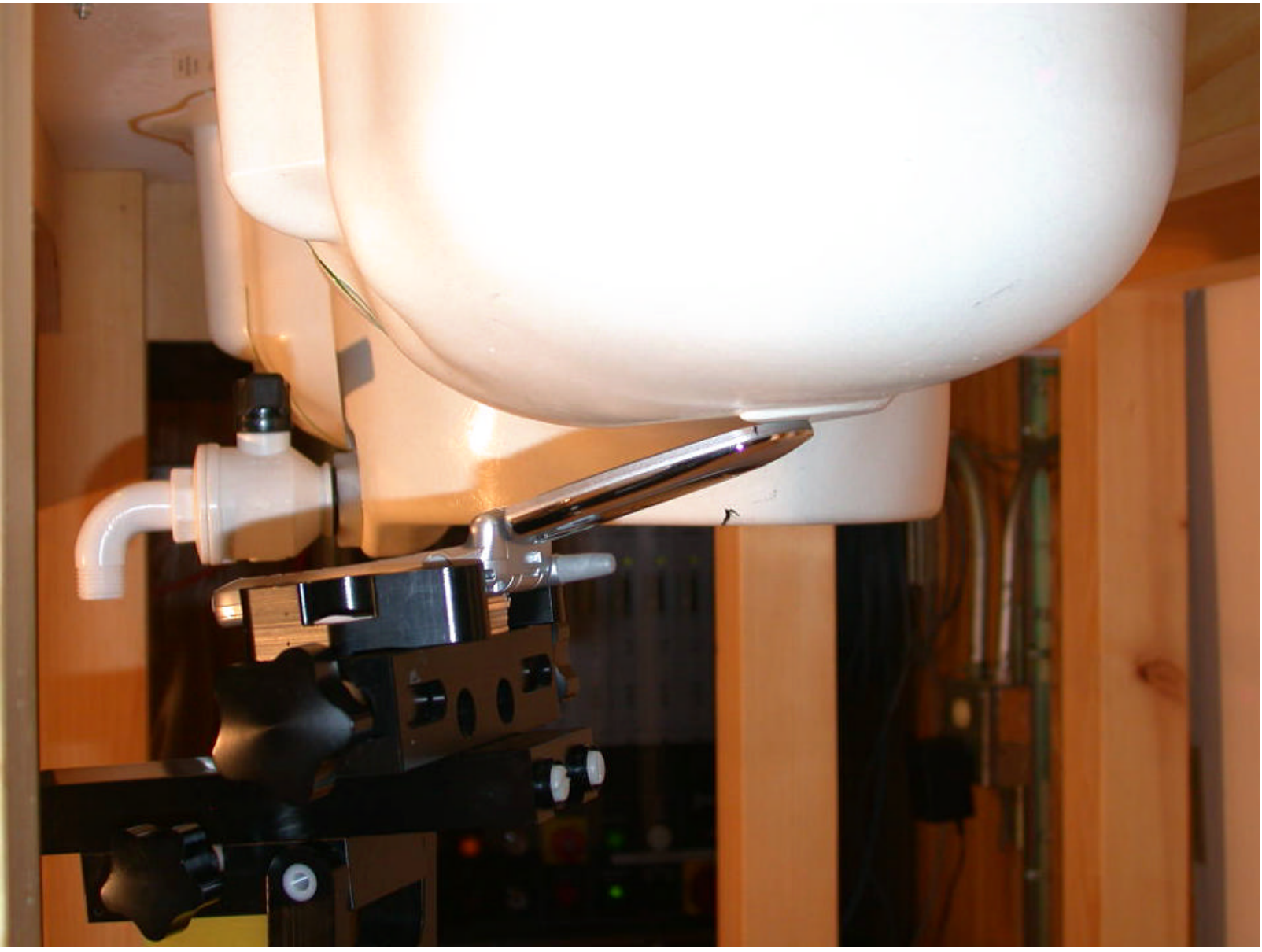
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