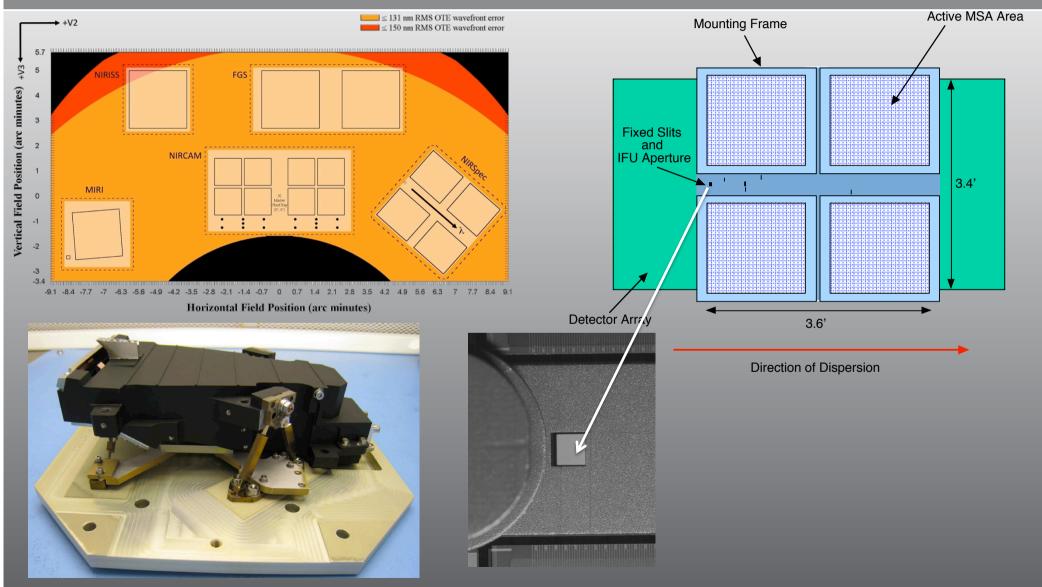


NIRSpec Field of View



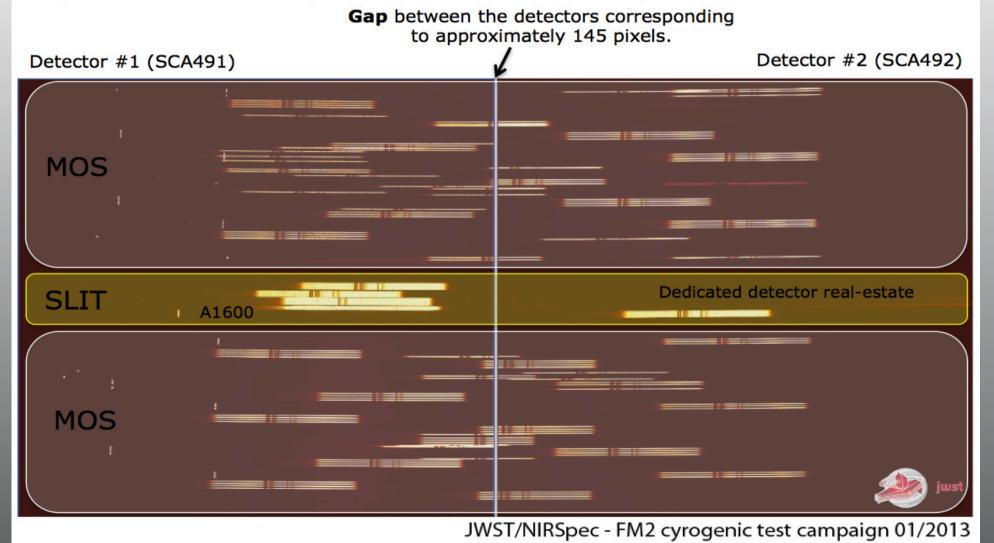




NIRSpec exposures



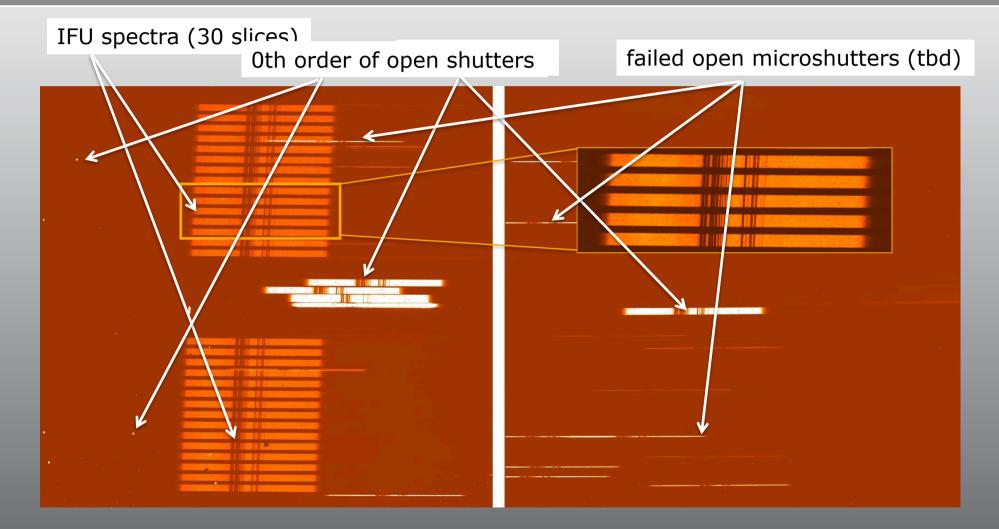
Layout in the detector plane: MOS+SLIT – short spectra





A real IFU exposure - R1000 Grating through finite bandpass filter -





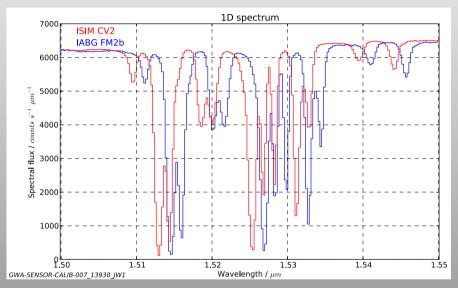


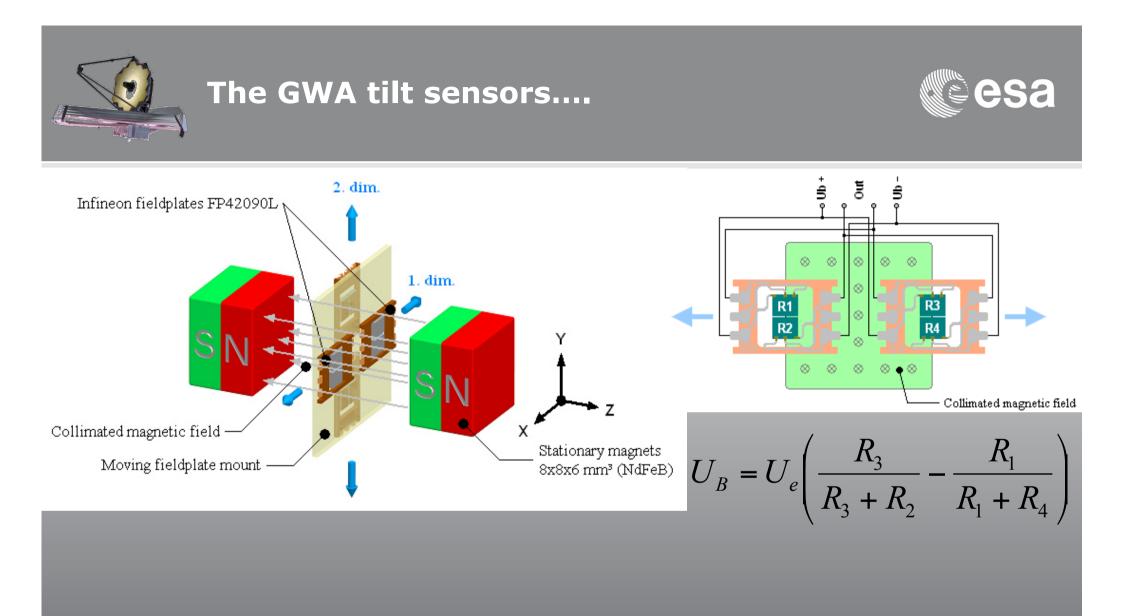
Gitterradpositionierung



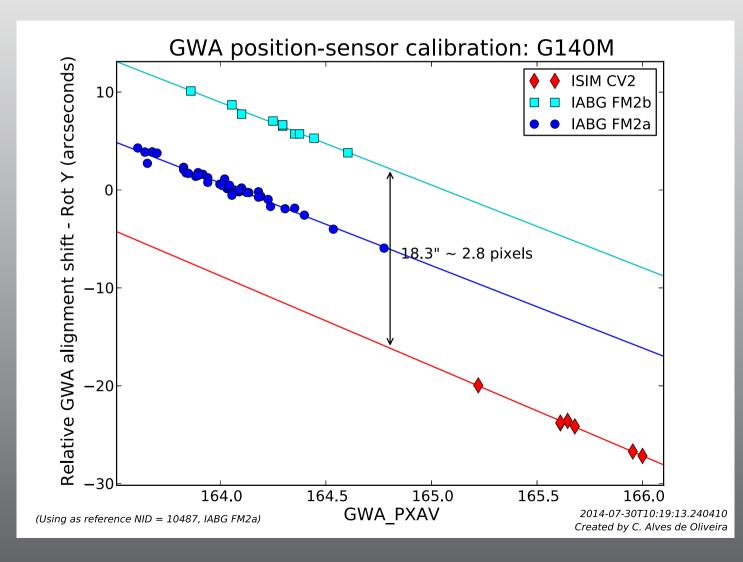
Cesa











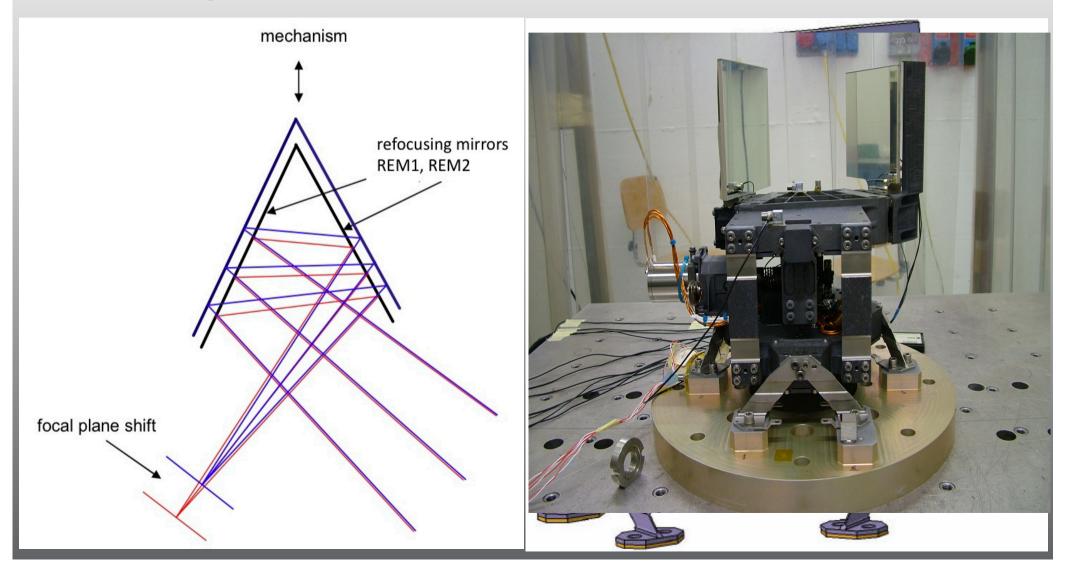
Ł



Refocus Mechanism



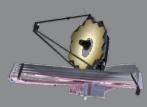
Penta-Prism Design:



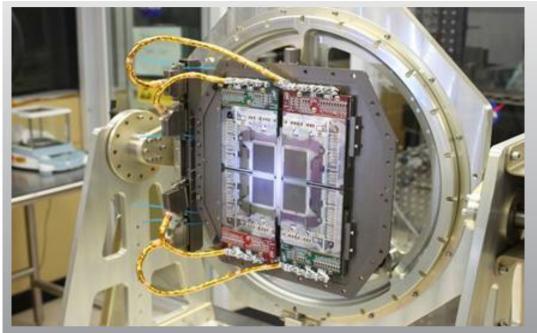




- the ISIM CV2 test campaign was completed in Oct. 2014
- since then, Sis have been removed from ISIM, and the flight versions of various subsystems have been installed
- all four Sis were re-mounted onto ISIM in April 2015
- ISIM vibe tests ongoing
- start of cool down for CV3 scheduled for mid-October 2015
- ~3-month long CV3 cryo-test until Jan. 2016
- afterwards, delivery of ISIM to JSC in Spring 2016 for testing w/ telescope unit
- Testing at OTIS level (telescope + ISIM) at JSC in fall 2016
- Integration w/ spacecraft in 2017
- Launch in fall 2018

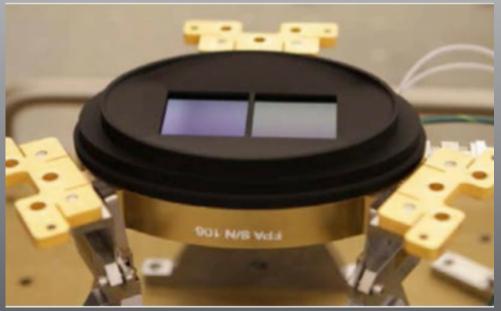


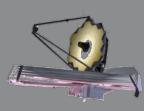
Austausch von Detektor & Micro Shutter Assembly



- arrays in the original MSA were sensitive to acoustic exposure, resulting in a high number of failed closed shutters
- replacement MSA is not susceptible to acoustic loads during launch
- flight MSA installed in Feb. 2015

- FPA exchange mandated by detector degradation (affecting all JWST/NIR instruments)
- new flight detectors do not show this problem
- Flight detectors integrated into new FPA, and installed into NIRSpec in Feb. 2015

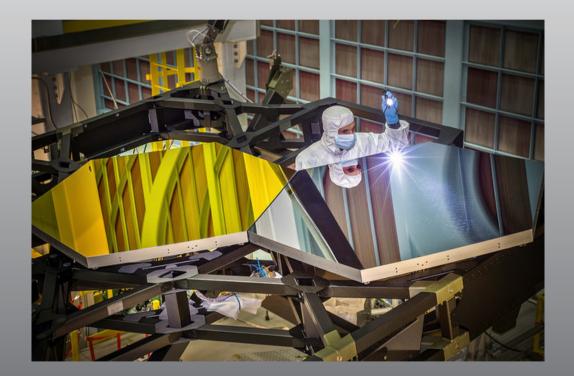




Das JWST Teleskop



GSFC Reinraum:







Testing the Observatory



JSC Testkammer:

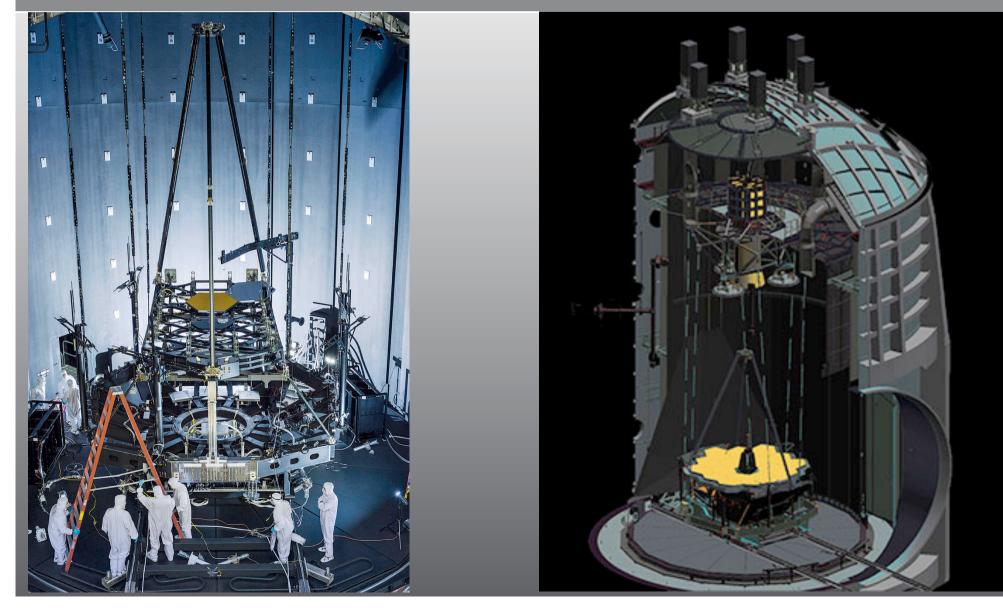






Testing the Observatory







Testing the Sunshield









- the ISIM CV2 test campaign was completed in Oct. 2014
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- all four Sis were re-mounted onto ISIM in April 2015
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