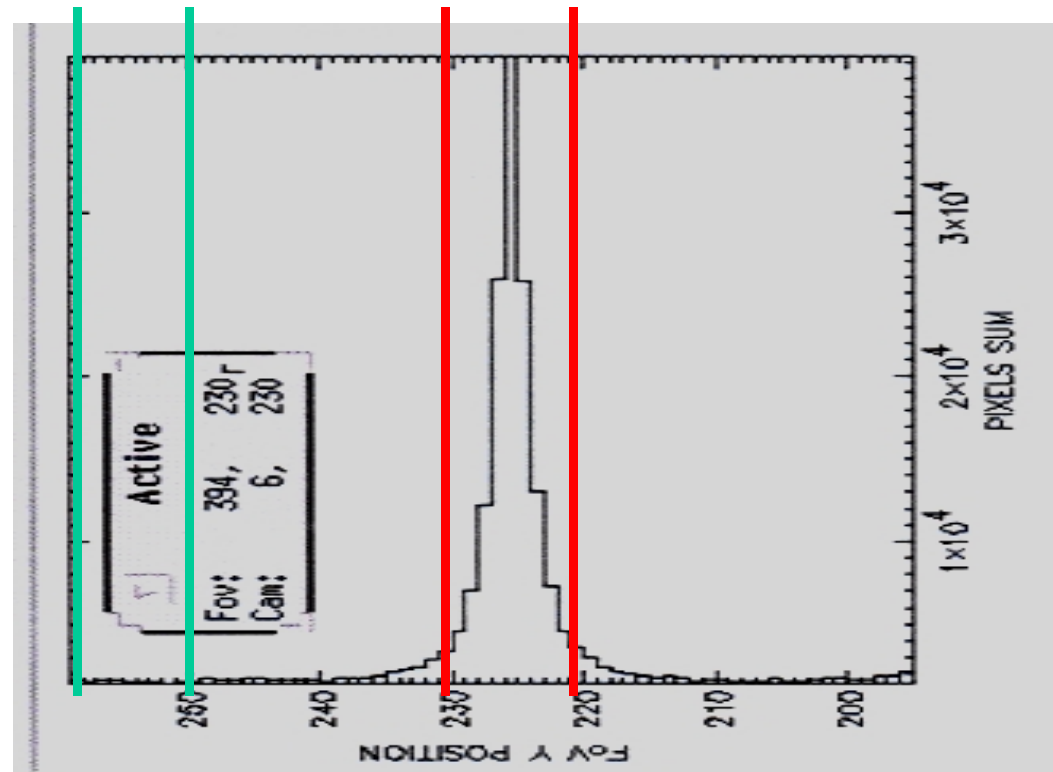
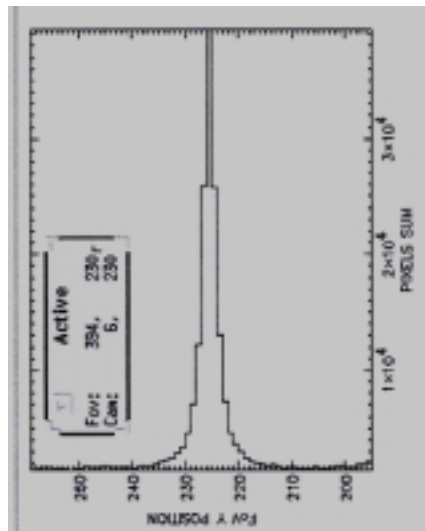
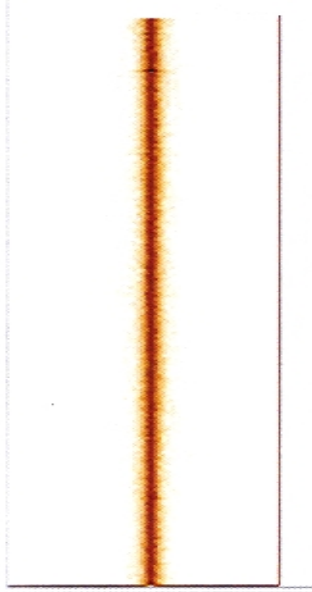


PN Timing Mode: New strategy 1/2

- transmit only 18 (out of 64) columns
 - 30 - 38 source (current boresight)
 - 54 - 62 background
- set lower threshold to 30 ADU (150 keV)

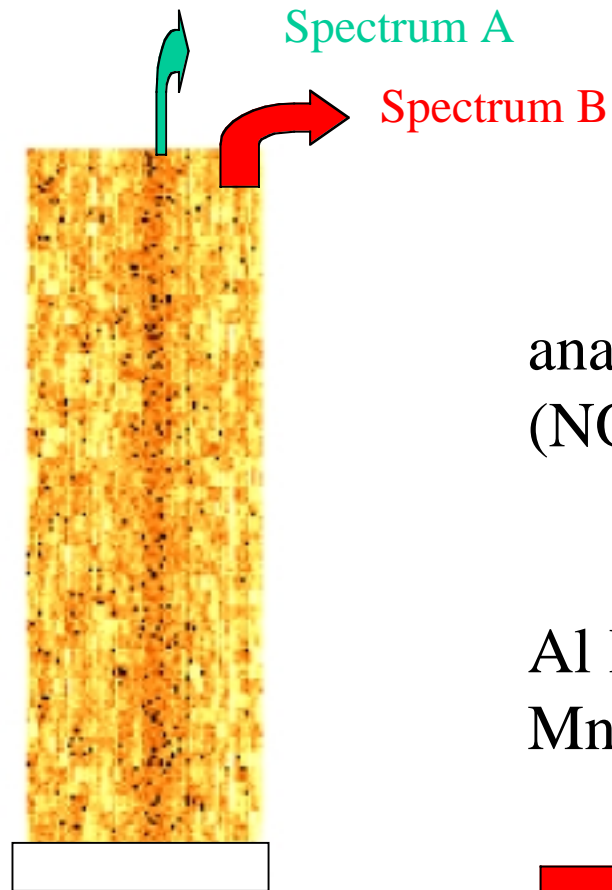


Timing Mode: New strategy 2/2

Difficulties (small problems):

- **different procedures** for RGS prime and pn prime observations needed
- **background area** still **contaminated** by source photons from PSF wings,
but: only important for very weak source (normally not observed in Timing mode)

Slew observation in Timing Mode



analysis of spectra from int. Cal. Source
(NO CTE, NO gain correction applied):

	A	B
Al K α	1.428	1.475 keV
Mn K α	5.725	5.796 keV



$\Delta E \cong 40 - 70 \text{ eV!}$

„Image“ of
internal calibration source