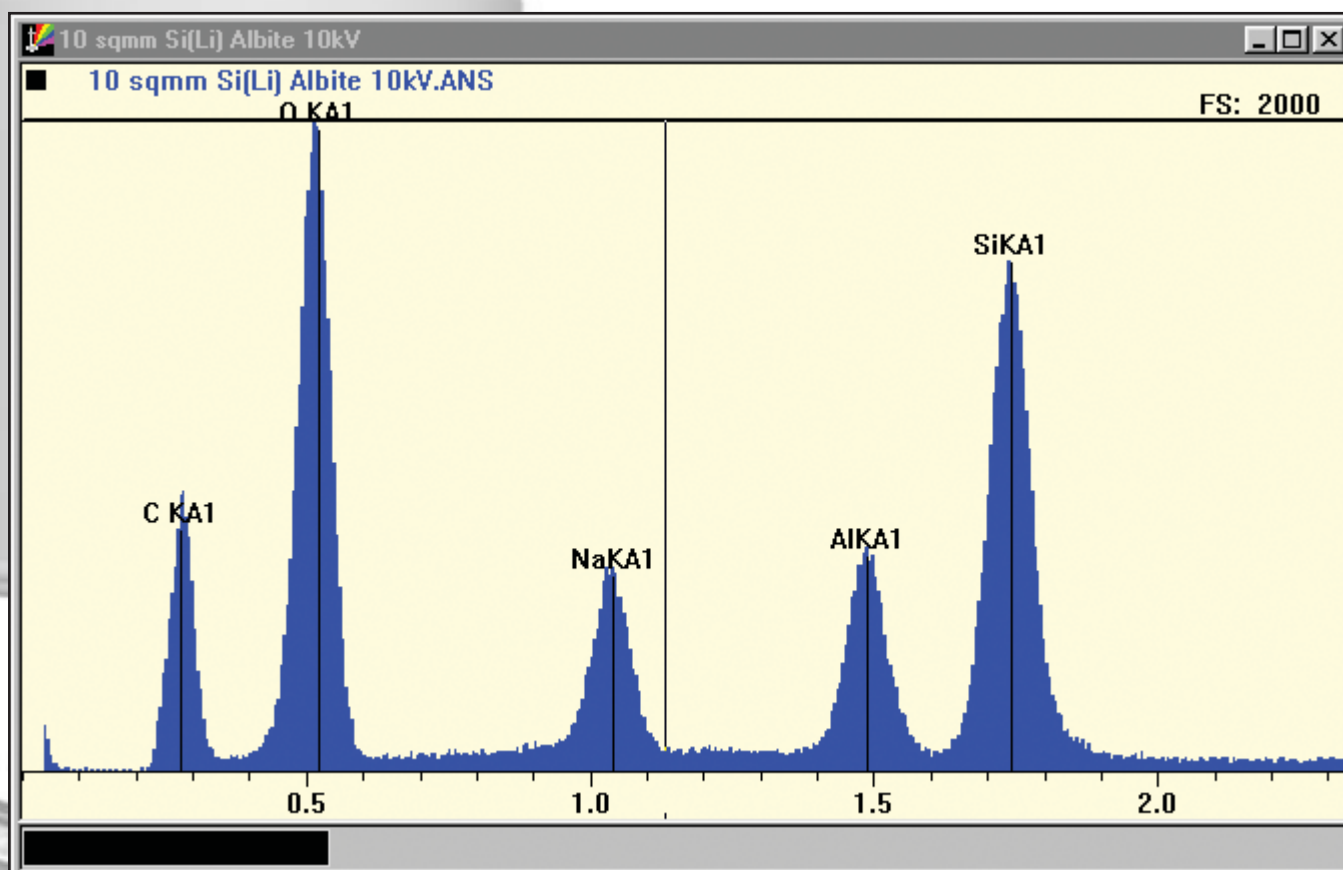


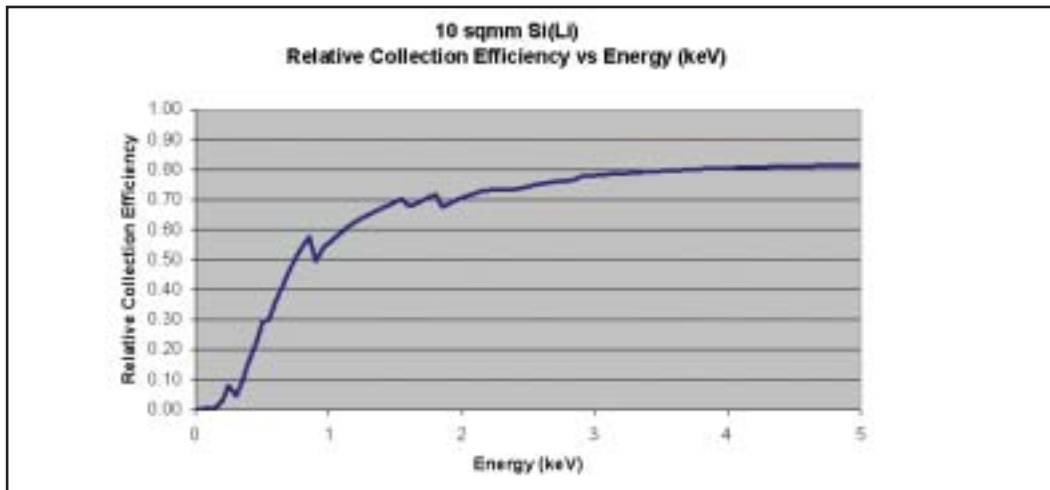
LS Series Si(Li) X-ray Detectors

LS Series Si(Li) X-ray Detector Specifications

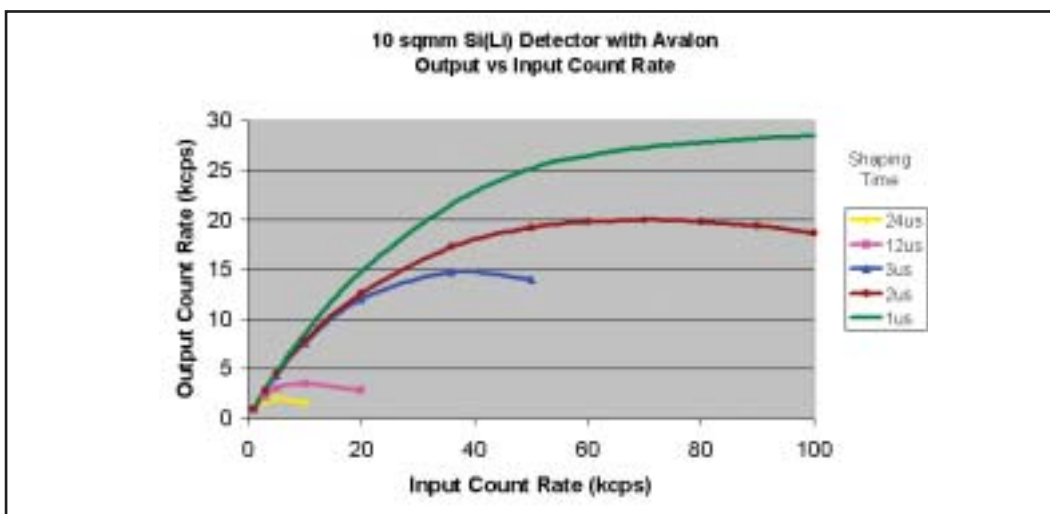
Model Number	Active Area (mm ²)	Thickness (mm)	Resolution at 5.9 keV (eV FWHM)
LS10129	10	3	129
LS10133	10	3	133
LS30135	30	5	135
LS60148	60	3	148
LS80155	80	3	155



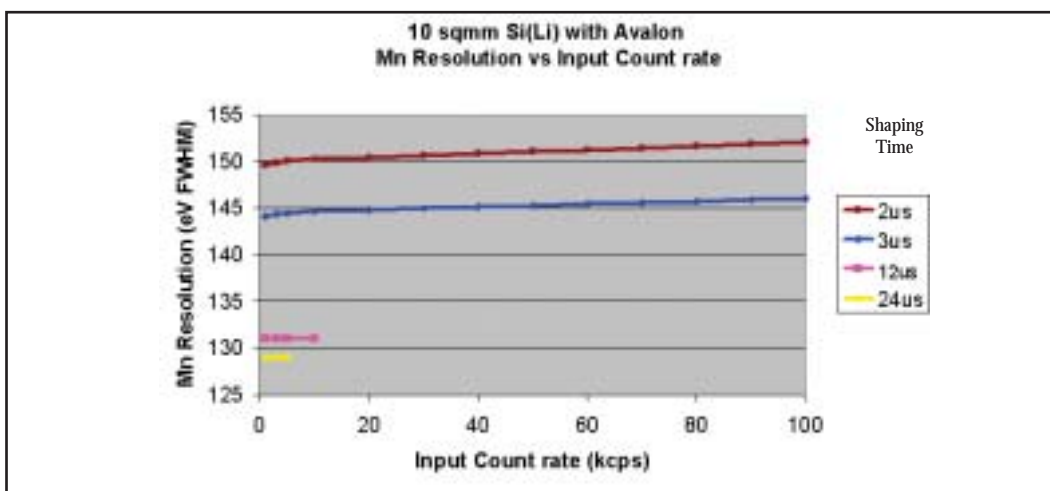
Spectrum from a 10 mm² Si(Li) detector with an albite sample in an SEM at 10 kv excitation.



Plot of low-energy X-ray transmission in a Si(Li) detector fitted with the PRISM ultra-thin window option.



Output count rate vs. input count rate for the PGT pulse processor.



Typical high count rate performance with the PGT pulse processor.