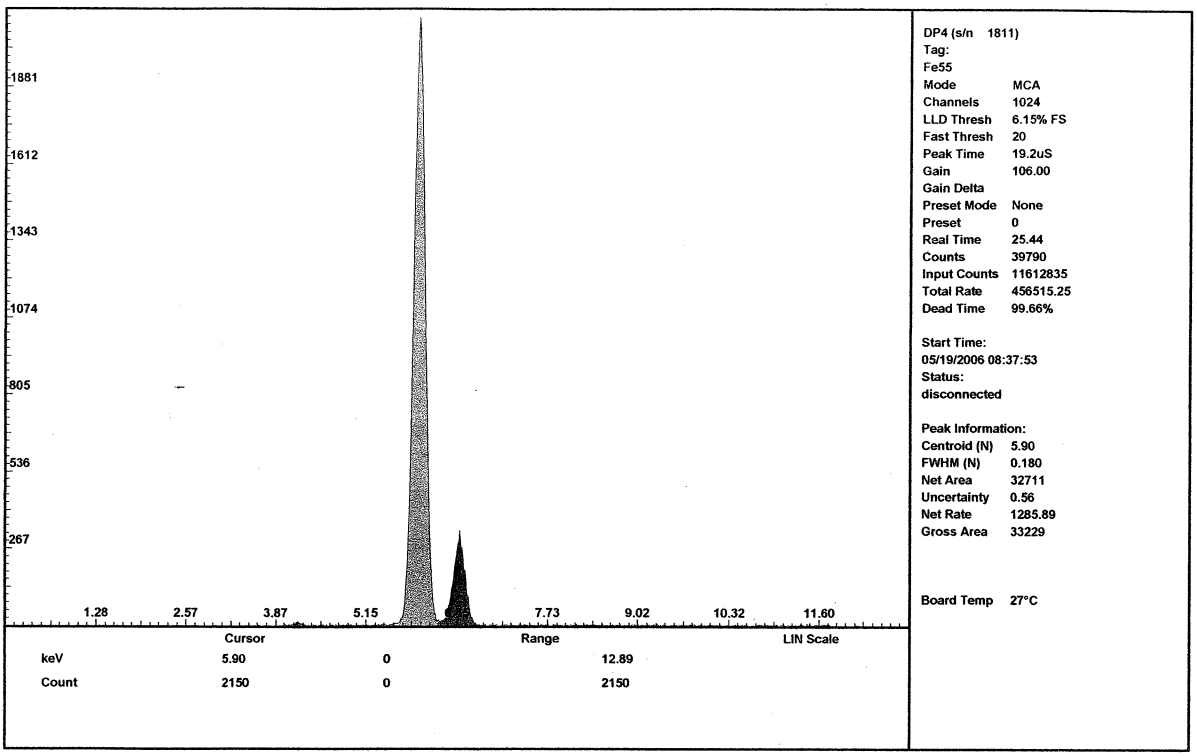
Z:\SPECTRA FOLDER\XR100cr-6mm2-500uM Spectra\AXR31038_6mm2_500uM_12.8uS_Fe55_University of Washington.mcaFe55 05/19/2006 08:37:53

University of Washington



AXRCR S/N: 31038 DP4 S/N: 1811
Be Window Thickness - 0.5 mil, Temperature Sensor - Diode, Collimator - Internal Multilayer,
Cooler Stage - 2 stage, Detector Thickness - 500uM, Detector Area - 6mm2, Detector Type - Silicon,
Feedback Type - CRF, Assembly Type - Part Only
T = 758mV, FWHM@5.9keV: 180eV, Tested with 12.8uS Peak Time, HV Bias: 160 Volts, Cooler Current: 350mA,
Amptek Code # AR-FSG32MD-E2SP, Preamp SN: D01938
Fe55 Configuration

COM Port: USB
Rise: 19.2uS
Top: 0.8uS
Fast Threshold: 20
PUR Enable: PUROff
RTD ON/OFF: RTDOff
RTD Threshold: 3.13% FS
RTD Fast HWHM: 10
AutoBaseline: Off
BLR: BLR:ON DN:16 UP:4
Acquisition Mode: MCA
MCS Timebase: 10mS/channel
MCA Channels: 1024
Slow Threshold: 6.15% FS
Buffer Select: Buffer A
Gate Input (TTL): GateOff
Preset: None
Coarse Gain: 106x
Fine Gain: 1.0000
Input Polarity: Negative
Input Offset: 0.069V
Pole Zero: OFF
Det Rst Lockout: 1.64mS
TEC: 284.0K
HV: 159.7V
Preamp Power: 5.0V
Analog Out: Decimated Input
Offset: 0mV
Aux: ICR
Audio: Off