

bMCA Report

bMCA Device Identifiers

Serial Number: 01223023
Firmware Version: V2.2.004
Firmware release date: Tuesday, 1 March 2016
Production date: Tuesday, 25 April 2023

MCA Settings

Input polarity: Negative
Number of channels: 2048
Coarse gain: 1
Fine gain: 1,000
Digital gain: 64
LLD (chn): 4
ULD (chn): 2047
Threshold: 5
Rise time (μsec): 3,20
Flat top (μsec): 1,00
Pole/Zero (μsec): 1,80
Base line restorer (BLR): Enabled
Pileup rejector (PUR): Enabled
High Voltage (Volts): 620,0 (ON)

Data acquisition

Spectrum ID: bMCA Spectrum
Acquisition date: Wednesday, 1 October 2025 12:19:49
MCA acquisition mode: PHA
Preset mode: Real Time
Preset value (sec): 120
Elapsed live time (sec): 119,385
Elapsed real time (sec): 120
Dead time: 0,51%
Throughput (cps): 540,0

Calibration

Energy calibration: Calibrated

Offset (keV)	Slope (keV/chn)	Quadratic term (keV/chn ²)
-7,70	1,03	0,00

Spectrum

