# ELJEN TECHNOLOGY

2010 East Broadway
Sweetwater, Texas 79556

Tel: (888) 800-8771 (325) 235-4276
Fax: (325) 235-0701
Website: www.eljentechnology.com

## Detector Test Report

Customer: Fermilab

PO: 603139

Eljen Order #: 27003205

Detector Serial #: 3205-02-02

Detector Model #: 510-20x20-9/301

PMT Type: Hamamatsu R7724

PMT Serial #: BA4850

## Test Parameters

High Voltage: -1400V

Test Gain: 16

Source: 1μCi $^{137}$Cs

Source Position: Center Side

Unit is determined to be light-tight at the above operating voltage

Attached is a MCA Energy Spectrum for the detector

Technician: Matt Jackson

Date: December 2, 2011

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## Detector Test Report

Customer: Fermilab

PO: 603139

Eljen Order #: 27003205

Detector Serial #: 3205-02-01

Detector Model #: 510-20x20-9/301

PMT Type: Hamamatsu R7724

PMT Serial #: BA4808

## Test Parameters

High Voltage: -1500V

Test Gain: 16

Source: 1μCi $^{137}$Cs

Source Position: Center Side

Unit is determined to be light-tight at the above operating voltage

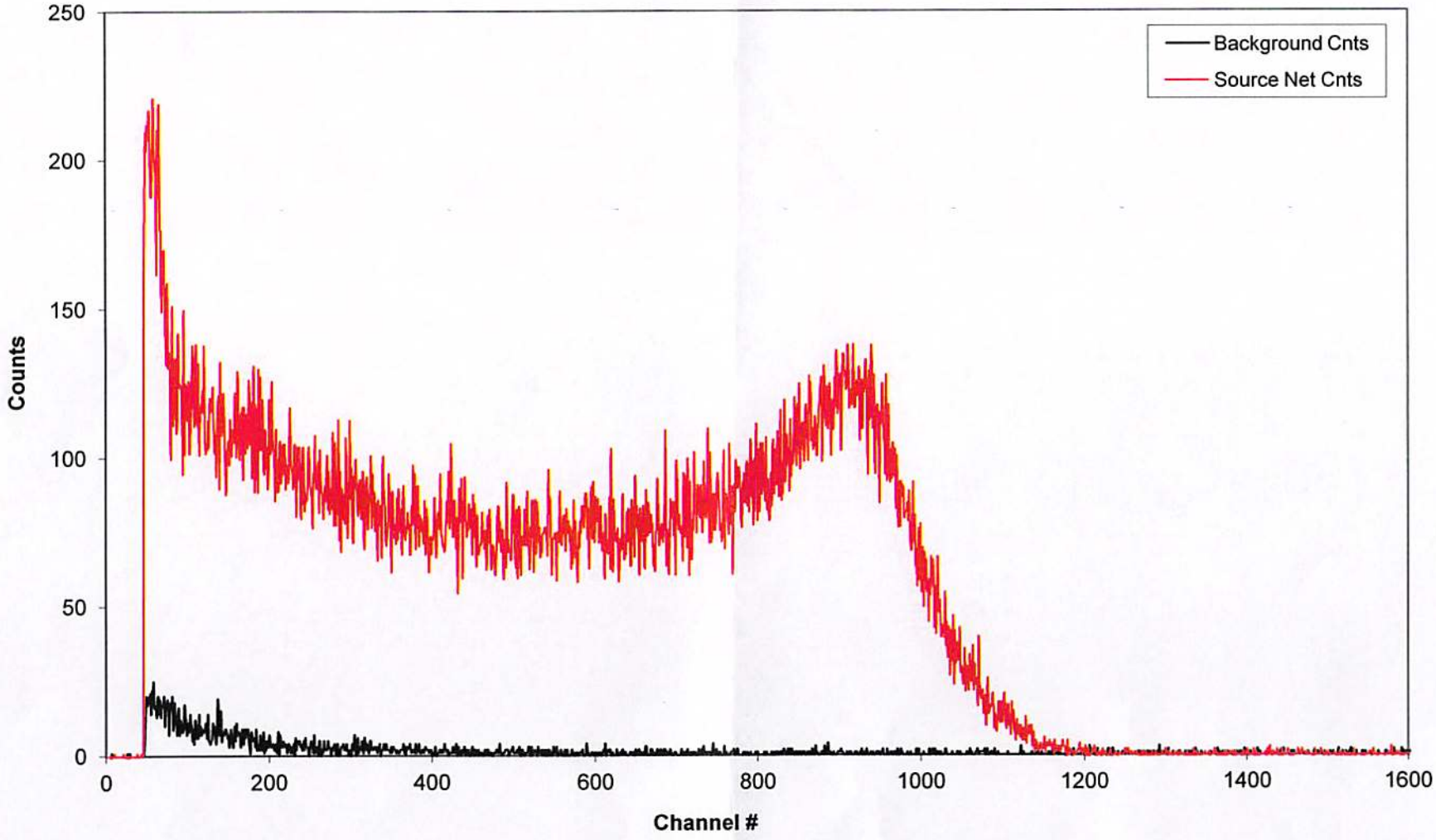
Attached is a MCA Energy Spectrum for the detector

Technician: Matt Jackson

Date: December 2, 2011

Eljen Technology

**Detector QA Test**
**Model: 510-20x20-9/301**
**S/N: 3205-02-01**
**December 2, 2011**



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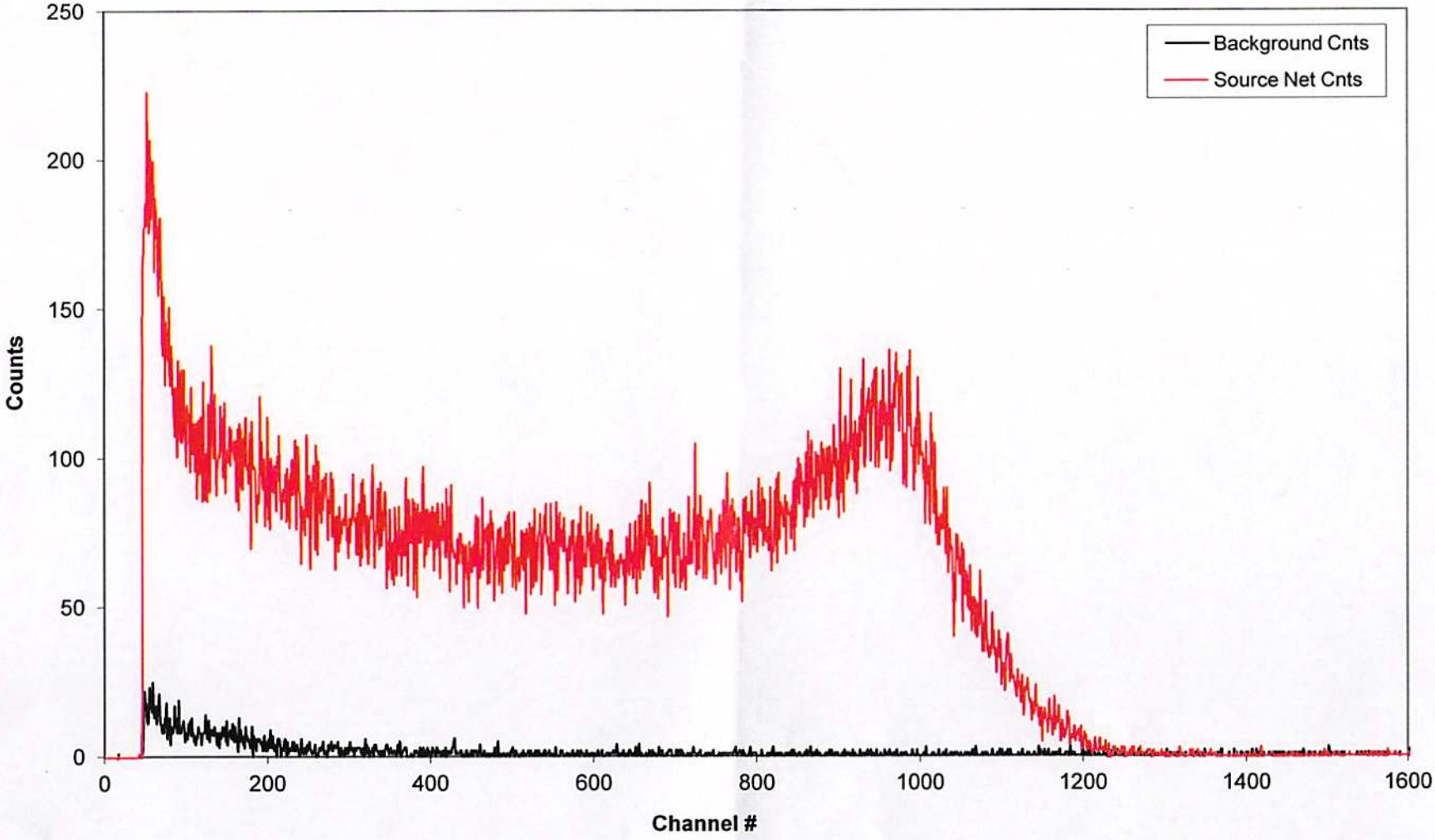
**Detector QA Test**
**Model: 510-20x20-9/301**
**S/N: 3205-02-02**
**December 2, 2011**