



Contribution ID: 24

Type: **Poster**

Design and construction of portable survey meter

Thursday, 25 May 2017 17:30 (15 minutes)

This work was aimed to design and construction of portable survey meter for radiation dose measuring. The designed system consists of 6 parts including GM-tube radiation detector, low voltage power supply, high voltage power supply, pulse conditioning, processing and display on android phone. The test results indicated that the ripple voltage of low and high voltage power supply were less than 1%. The maximum integral counts were found to be 3×10^5 cps. It was found that the developed system had small size and light weight for portable measuring system.

Primary author: Mr SINGSEETA, Warut (Ubon Ratchathani University)

Co-authors: Mr THONG-ARAM, Decho (Chulalongkorn University); Dr PENCHAREE, Somkid (Ubon Ratchathani University)

Presenter: Mr SINGSEETA, Warut (Ubon Ratchathani University)

Session Classification: Poster Presentation II

Track Classification: Instrumentation, Metrology and Standards