

# American National Standard for Performance Criteria for Spectroscopy-Based Portal Monitors Used for Homeland Security

## Amendment 1

Accredited by the American National Standards Institute

Sponsored by the  
National Committee on Radiation Instrumentation, N42

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**ANSI N42.38a-2018**  
(Amendment to ANSI N42.38-2015)

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**National Committee on Radiation Instrumentation, N42**

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**American National Standards Institute**

Secretariat

**Institute of Electrical and Electronics Engineers, Inc.**

Approved 17 December 2018

**American National Standards Institute**

**Abstract:** Amendment 1 addresses an observation made by a user of the standard. The observation raised a concern that misunderstandings may occur due to the common use of “tn” for other calculations. To address the concern, “tn” was changed to “p”. The value for the number of trials used in the standard remains the same.

**Keywords:** ANSI N42.38, portal monitor, spectrometric, spectroscopy

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The Institute of Electrical and Electronics Engineers, Inc.  
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