



Center of Excellence in Computation and Characterization of
Electromagnetic Devices and Subsystems
K.N. Toosi University of Technology



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Industrial Control Center of Excellence
K.N.Toosi University of Technology



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Faculty Of Electrical Engineering
K. N. Toosi University of Technology

Date: Jul. 5, 2022

(14 tir 1401)

Time: 15:30 - 17:00



Dr. Amin Enayati

R&D Manager, Emerson & Cuming Anechoic
Chambers NV



**In-person Attendance at: Meeting Hall, Electrical
Engineering Faculty, KN Toosi University of
Technology, Seyed Khanda Online Link: meetbk
<https://meetbk.kntu.ac.ir/b/zar-jrb-p50>**

High-power absorbers: Performance and measurement Techniques

Abstract

Pyramidal absorbers have major applications in anechoic chamber facilities. Anechoic chambers are sometimes used in measurement scenarios where relatively high levels of power density may be sent towards the device under test. In these high-power scenarios, specific absorbers should be used which can handle high levels of incident power density. To be able to evaluate the high-power handling capability of the absorbers, they should be tested under desired levels of incident power prior to being used in a real anechoic chamber. In this webinar, different strategies for the measurement of such setups are discussed, and a new guided-wave setup that has been developed for this application is introduced.

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Electrical Engineering Webinars