

RF Fundamentals Seminar

A RF Fundamentals Seminar offered to southern and central Virginia and Shenandoah Valley area technology companies, education/research students, and faculty. Hosted by Rohde & Schwarz and James Madison University.

DATE & TIME

Friday, February 28th, 2020

8:00am - 4:30pm (lunch included)

LOCATION

James Madison University

E-Hall Montpelier Room

1681 Carrier Drive

Harrisonburg, VA 22801

Seminar Agenda:

The Electromagnetic Spectrum

Basic units of measure

■ Voltage/Current/Resistance, Power

■ Sine Waves/Fourier Representation
& Free Space Propagation

RF Transmission Characteristics

■ Transmission, Measurements & Components

Signals & signal models

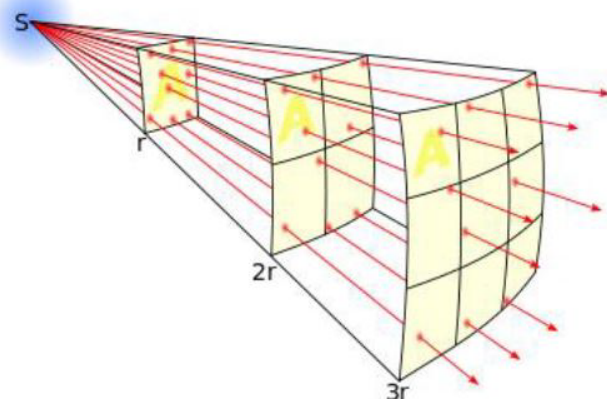
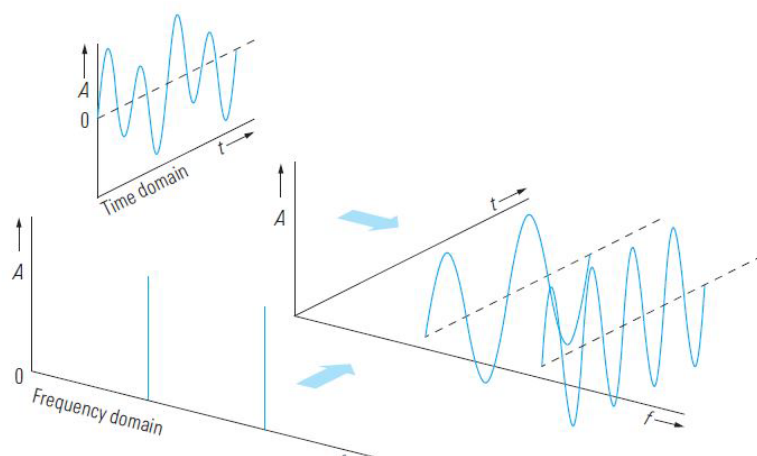
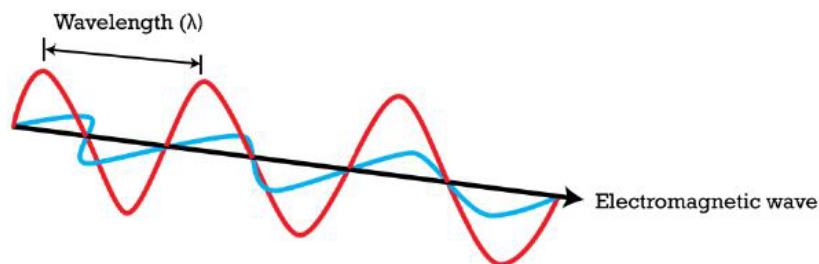
■ Unintentional Modulation (Noise), Noise Figure,
& Phase Noise

■ Intentional Analog Modulation: AM/PM/FM

■ Intentional Digital Modulation, I and Q representation

■ Digital Modulation: Constellation Diagrams & other
aspects

■ Vector Signal Analysis



TO REGISTER:

Interested attendees must pre-register by email or phone.

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