CST Studio Suite - Spark3D

Throughout this course you will become familiar with the Spark3D interface and how to perform basic functions in terms of modeling, setup of simulation, and analyzing pre-/post-processing results. This course also provides a general introduction to Multipactor and Corona discharge effects.

Objectives
Upon completion of the course you will be able to:
- Understand basic modeling and simulation setup within Spark3D
- Analyze Spark3D results
- Understand general aspects of Multipactor and Corona discharge effects.

Knowledge Prerequisites
Basic knowledge of electromagnetic simulation software like CST Studio Suite.

Language(s) for selected release
English

Brands
Simulia

Available Releases
SIMULIA 2021, SIMULIA 2020

Duration
4 hours 40 minutes

Discipline
CST Studio Suite

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Overview - CST Studio Suite - Spark3D
1 - RF Breakdown
2 - Multipactor Fundamentals
3 - Corona Discharge Fundamentals
4 - Spark3D Overview
5 - Multipactor Analysis
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