DT TECHSOLUTIONS PTE LTD

Training Agenda for Omicron Bode analyser with accessories

10:30 - 11:00   **Introduction Session**
This session gives some basis about Bode analyzers overall products specification and application with accessories in Power-Point Presentation.

11:00 - 11:30   **Software installation and Hardware Explanation**
How to install Omicron Bode analyser software (BAS) and basis explain about the software's options and icons. Information about Bode analyser and its accessories hardware.

11:30 – 11.30   **Omicron Bode analyser can be used as Vector Network Analyser and its applications**
Application based S-parameter using IF filter and resonance measurement of quarts filter using Omicron Bode analyser.

11.30 - 12:30   **Omicron Bode analyser can be used as Impedance Analyser using B-WIC and B-SMC Impedance adapter and its applications**
Application based on Impedance and ESR measurement pin-hole and SMD component like capacitor, resistor, inductors etc.

12:30 - 13:00   **Basis information about Impedance measurement of Batteries and Solar panel using Omicron Bode analyser**
Application notes explain about Impedance measurement of Battery, Solar panel and some bias components and its connection set-up using Bode analyser

13:00 - 14:00   **LUNCH**

14:00 - 15:00   **Omicron Bode analyser can be used for stability measurement of Switch mode Power supplies and DC-DC converter using B-WIT**
This session is explain about gain margin and phase margin measurement of power supplies using Omicron bode analyser and its connection set-up.

15:00 - 15:45   **Input and Output impedance measurement of DC-DC converters using Omicron Bode analyser**
Application based on input and output impedance measurement of power supplies and its connections set-up using Bode analyser

15:45 - 16:45   **Omicron Bode analyser can be used for Stability measurement in non-invasion**
Application based on stability measurement of system without breaking feedback loop using non-invasion method. (GM and PM without breaking the FB loop)

16:45 - 17:00   **Queries and discussion**