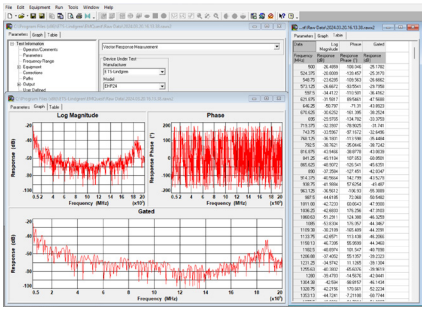
SOFTWARE EMQUEST ANALYSIS



ETS-Lindgren's EMQuest™ Analysis is a powerful tool that allows users to analyze measured data to quantify antenna performance metrics including radiated and conducted performance of various wireless and over-the-air (OTA) devices.

Users can utilize EMQuest Analysis to analyze data collected from EMQuest or other measurement software packages, making EMQuest one of the most versatile measurement tools.

EMQuest Analysis is equipped with a user-friendly interface that allows users to quickly and easily analyze results. It also provides customizable templates to simplify common analysis tasks.

Overall, EMQuest Analysis provides a comprehensive set of tools for analyzing data collected from wireless and OTA systems, antennas, and other EM devices. It is widely used by engineers, researchers, and academics in industries such as aerospace, defense, telecommunications, and electronics.

EMQUEST ANALYSIS

- **Analysis**
  - **Wireless and Over-the-Air (OTA)**
  - **Antennas**
  - **EM Devices**
- **Graphing**
- **Report Generation**

Product Features

EMQuest Support Portal

The EMQuest Portal has additional resources and access to the software support team for those in maintenance.

OTA Analysis

Using appropriate wireless communication and power measurement data, OTA performance can be evaluated for a broad range of wireless technologies, including:

- GSM, GPRS EGPRS (EDGE)
- WCDMA, HSDPA HSUPA, HSPA+
- LTE
- CDMA, 1xEV-DO
- TDMA
- TD-SCDMA
- 5G NR SA/NSA
- Wi-Fi
- Bluetooth

Graphing and Report Generation

Advanced graphing capabilities allow acquired data to be displayed in both 2D and 3D formats. Built-in 3D visualization icons provide a reference for the orientation of the DUT relative to the pattern information. Tabular data can be exported to Microsoft Excel™ spreadsheets and reports can be saved in RTF format for import to Microsoft Word™ or export to PDF files. The report generator uses a powerful document style template scheme to allow automatic generation of output without the limitations of "banding" type report generators. A template editor links to existing data sets for editing in a "What You See Is What You Get" (WYSIWYG) environment. Multiple data sets, test parameters, and templates can be manipulated in memory at once with the Multiple Document Interface (MDI).

Recommended System Requirements:

- Microsoft Windows 11
- Intel Core i5, or greater processor
- 8 GB RAM or more
- 320 GB Free HDD or more
- 1 free USB port
- 20-in or Greater Monitor
- Speakers, Keyboard, Mouse

ETS-LINDGREN®
An ESCO Technologies Company

ets-lindgren.com