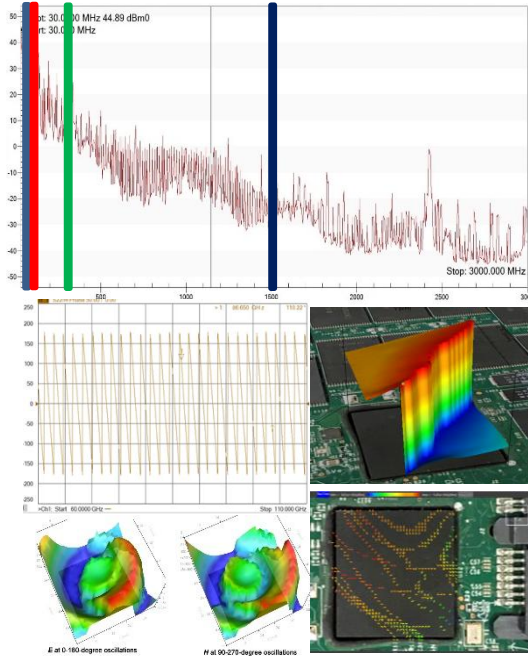


EM-ISight – Multi-Span Measurement Suite



The APREL Multi-Span Measurement Suite supports advanced use cases, integrating Vector Network Analyzers (VNAs) and automating custom Spectrum Analyzer settings. This comprehensive software upgrade package enables users to define and automate configurations for Spectrum Analyzers and VNAs.

Key features include:

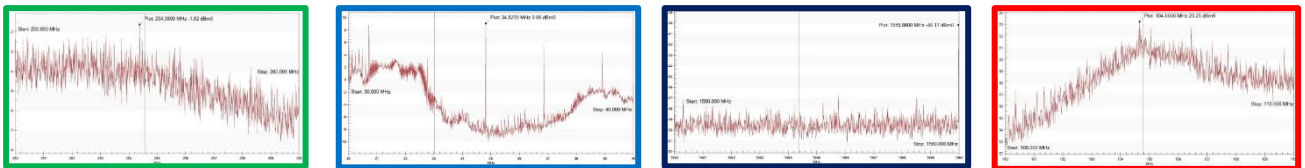
- Setting bandwidth for harmonic analysis
- Customizing sweep time, VBW/RBW, and noise floor
- Advanced measurement settings tailored to specific needs

With automated VNA systems, users can measure complex phase data and define advanced user settings for automated measurements. Notably, the suite includes active phase measurement capabilities.

Each defined span is logged in a separate file for convenient data analysis using EM-ISight or RF-ISight visualization software. The Multi-Span function significantly reduces measurement time, particularly for harmonic analysis of radiated emissions. Additionally, data can be exported in XML format for seamless integration with third-party applications.

Solution Includes

	Description
Automation	Fully integrated into the EM-ISight platform for automation of user settings. Define unlimited spans with any setting for Spectrum Analyser or Vector Network Analyser
Vector Network Analyzer Functions	s11/s21/s12/s22 Parametric Time Domain Reflectivity* : Set Sweep : Set Power : Set time Measure and View Phase for each defined Sweep View Magnitude : Create calibration files for RF-ISight** : Align Phase/Magnitude for automated viewing**
Spectrum Analyzer Functions	Define multiple frequency spans within the frequency range of the instrument Set a unique RBW/VBW for each span : Set the reference level for each span Set sweep count level for each span : Control the attenuation* : Set the detector type Set the measurement function : Max Hold/Min Hold/Average View each independent span measured
Operating System	EM-ISight Version 5.4.x Windows 10 – 11 64 Bit Pro
Active Phase Hardware	2 x Phase matched RF cables and Contact probe (needed for active phase)



NOTE: This software is only available for use with on the EM-ISight System
 Please contact your local agent or distributor for more information.

