

Version 23.3.1

- Fixed a bug where the LabVIEW driver referred to an incorrect DLL file – this caused issues when performing multiline TRL calibration
- Fixed “Init user cal” VI which previously missed an input for a channel number

Version 23.2.2

- Added support for HW version 4 (VNA serial number starting from 23177005)

Version 22.3.4

- Added support for new hardware versions

Version 22.2.2

- Fixed a bug with SENS:CORR:INF? command when a query was performed after recalling a state file with cal data in it

Version 22.1.3

- Fixed a bug related to the max frequency points limit

Version 21.4.3

- Fixed a bug with ACM calibration

Version 21.3.2

- Fixed 10dB spikes during synthesizer's tuning
- Added SCPI commands for offset adjust menu

Version 21.3.1

- Added SCPI commands to select ports under scalar mixer calibration
- Added SCPI command to support ACMs for Scalar and Vector Mixer Calibrations
- Fixed a bug related to time domain gating with one way reflection type

Version 21.2.5

- Added SCPI command to support cycle time functions

Version 21.2.1

- Fixed bug with selecting 'Ref Source' from the drop-down menu
- Fixed bug related to writing user characterization into the ACM with proper indexing

Version 21.1.7

- Added support to assign VNA serial numbers through SCPI command or command line interface */serialnumber:<num>* (or see command help S2VNA /?)
The SCPI command is *SYST:CONN:SER:NUMB* (or see the programming manual)
- Added a field to input DC value correction in time domain
- Fixed bug with *CALC1:DATA:FDAT?* SCPI command for Smith and Polar formats when selecting various output Log/Phase, Lin/Phase, Re/Im, R/X, G/B

Version 21.1.6

- Added SCPI command for 'Theory' selection under Port Z conversion menu

Version 21.1.5

- Added support for Scalar Mixer Calibration using ACM

Version 21.1.3

- Fixed bug related to the scope selection when saving trace data
- Improved time domain step response algorithm

Version 20.4.1

- Added support for Vector Mixer Calibration using ACM
- Added support for adapter removal using ACM
- New installer includes latest LabVIEW driver and document fixes

Version 20.3.3

- Added support for Keysight power sensors: U200x to U20xx
- Added SCPI command to enable Multiline TRL option
- Changed the Phase Offset function to be consistent with industry standards. The positive phase offset shifts the phase to the negative direction now.

Version 20.2.2

Installer updates:

- Updated installer structure and hierarchy
- The setup includes checklist of minimum required components to run the analyzer: NI Flex RIO, VISA and IVI Shared
- LabVIEW driver is automatically installed in "...LabVIEW 20xx\instr.lib" path

IVI-C driver updates:

- Added longer timeouts during initialization to accommodate slower systems
- Updated to Unicode encoding from ASCII to access folders while saving files (this fixes issue seen with certain versions of Windows)
- Changed the "localhost" address to 127.0.0.1 while accessing VISA resource (this fixes issue seen when the network adapter was disconnected)

Other bug fixes and new features:

- Fixed bug related to ACM reconnection
- Integrated NI USB-568x power sensors to the list of power meters/sensors supported to perform power calibration
- Realized option for saving Touchstone file to include trace specific operations such as time domain gating: *Save/Recall > save Data To Touchstone File > Include Active Trace Transform*
- Added the ability to save calibration data only via SCPI command:
MMEM:LOAD:CHAN:CAL
MMEM:STOR:CHAN:CAL
- Enhanced CW time sweep feature accuracy
- Fixed the Loss Compensation bug in the power calibration menu

Version 19.4.2

- Added support for PXIe-S5090.2 (second hardware revision)
- Added LabVIEW driver

- Stabilized device initialization

Version 19.3.3

- Added support for PXIe-S5090.1
- Released PXIe-S5090 installer with first IVI-C driver