Instrument Firmware Revision History

Keysight N9342C/N9343C/N9344C Spectrum Analyzer

Version A.06.27 (Release Date: June, 2017)

- Support U2040 X-series wide dynamic range power sensors

Defects Resolved:

- Fixed "no TG(Tracking Generator) On indicator" on screen when TG is turned on" bug.

Version A.06.26 (Release Date: November, 2016)

Defects Resolved:

- Fixed "instrument boot up fail after upgrade to A.06.21 version" issue.
- Support National Power brand battery.

Version A.06.21 (Release Date: December, 2015)

- Support EMC option on N9342C/43C/44C
- Support Quasi-peak detector.
- Add "Build from trace" function in Limit.
- Add a SCPI command to active trace limit.
- Support new Keysight MAC address.

Defects Resolved:

- Fixed "GPS unlock" issue.

Version A.05.14 (Release Date: January, 2015)

- Add "saved as" button under customized saving mode.

Defects Resolved:

- Fixed "Switching between trigger and free run mode in DMA will cause instrument reboot" bug.
- Fixed "Carrier frequency step doesn't work in DMA mode" bug.
- Fixed "Can't read the error message via SCPI command" bug.

Version A.05.08 (Release Date: August, 2014)

- Switch the company logo from Agilent to Keysight.
- Add "Customized saving feature" in "file setup" menu.
- Add window limit feature in normal spectrum analyzer mode.
- Modified marker table display style in normal spectrum analyzer mode.

- Fixed "PWP and PWM option can't monitor the USB power sensor status" bug.

Version A.04.45 (Release Date: December, 2013)

Defects Resolved:

- Fixed "Front panel buttons have no response after boot up some time".
- Fixed "Battery charging with adapter is too slow when the instrument is turned on".
- Fixed "Max hold and Minimum hold don't work in spectrogram mode".
- Fixed "switch PSD button will modify the detector type".
- Modified the naming principle when press "save RAM" button in spectrogram mode.
- Fixed "SCPI command of Marker Left/Right Search doesn't work".

Version A.04.41 (Release Date: September, 2013)

- Add "Dark Blue" and "Gray" display mode.
- Expand the user definable soft button number from 6 to 18.
- Reduce the minimum span range from 100 Hz to 50 Hz.
- Add "Save RAM" and "Save RAM as" button under file logging menu of spectrogram mode.

Version A.04.28 (Release Date: March, 2013)

- Fixed "HSA will restart or hang when copy file from instrument to external USB memory" bug.

Version A.04.25 (Release Date: Dec, 2012)

- Support baseband input option BB1 on N9342C.
- Support U2020X series peak power sensor support option PWP on N9342C/43C/44C.
- Add control use of USB and LAN ports via password in Security option SEC.
- Support SCPI command control through Socket or Telnet connection as standard feature.
- Support new channel standard LTE/WiFi/WiMAX as standard feature.
- Support RRC filter setting in channel power and ACPR measurement as standard feature.
- Support unlock the keypad with a password as standard feature.

Version A.03.15 (Release Date: May, 2012)

Defects Resolved:

- Fixed "GPS displays incorrect geography information" bug.

Version A.03.12 (Release Date: March, 2012)

- Fixed "operation system will hang up when HSA runs Task Planner under Power Meter mode" bug.
- Fixed "time base 'Sync to GPS' fail" bug.
- Fixed "press 'Autotune' will turn on the pre-amplifier incorrect" bug.
- Fixed "N9343C/N9344C noise trace will display in error when set center frequency to 10 MHz, span to 10 MHz and enable the pre-amplifier" bug.
- Fixed "instrument without tracking generator option (TG7) will display incorrect error message 'lack of TG board' bug.

Version A.03.06 (Release Date: Dec, 2011)

- Support DMA, SCN, CA7, CAU option on N9342C.
- Support DMA, SCN option on N9343C and N9344C.
- Add Auto tune in Spectrum Analyzer mode.
- Add Marker zoom-in/out and marker logging feature.
- Add channel power meter.
- Modify GPS format when display (DMS) and save CSV (DD).

Defects Resolved:

- Modify SYSTem:GPSinfo? SCPI return data format and add UTC time info.
- Fixed "P20 option display error issue" on N9344C.
- Fixed "firmware upgrade from A.01.0x version fail" bug.

Version A.02.08 (Release Date: July, 2011)

- Support manually amplitude calibration.

Defects Resolved:

- Fixed "Time base calibration can't be performed on A.02.06 version."
- Fixed "Total Pwr Ref measurement result is incorrect in SEM mode."
- Fixed "Instrument hang up when enter SEM mode on N9344C."
- Fixed "Battery information display error."
- Fixed "the trigger delay doesn't work well when it less than zero."

Version A.02.05 (Release Date: April, 2011)

- Support N9343C 13.6 GHz Handheld spectrum analyzer.
- Support N9344C 20 GHz Handheld spectrum analyzer.

Defects Resolved:

- Fixed "Marker demod AM/FM function can't work when span is not zero-span."
- Fixed "Attenuation can only be set to 0 dB in analog modulation analysis mode when preamp is on."
- Fixed "FM Deviation test error in analog analysis mode when preamp is on."
- Modify the Warning information during erase memory operation in case of improper power off by customer.

Version A.01.05 (Release Date: September, 2010)

Defects Resolved:

- When "Average on" is activated, the "*OPC?" command will get error information.
- After activating the preamplifier, the Y-axis unit will get error display.
- After setting the sweep mode to "Single", the "Average on" button could not activate new measurement sweep.

Version A.01.04 (Release Date August, 2010)

First Release