

E1968A Release Notes

Firmware Upgrades

- Go to www.agilent.com/find/8960ta for free upgrade. Upgrade available March 2003.
- Use is limited by functionality licenses and depending on which prior test application is already installed on instrument. If you already have any combination of E1960A/E1964 the equivalent upgrade will be fully functional.
- Do not attempt to use E1968A without the appropriate license and hardware.

Hardware Upgrades

- E5515A does not support E1968A
- E5515B will support E1968A without a hardware upgrade under the following conditions:
 - Option 002 installed AND serial number is \geq US 40350362 or \geq GB 40470454 OR
 - If instrument is already running E1985A Fast Switching

Instruments with Serial Numbers prior to US40350361 or GB40470454 can be upgraded with upgrade product number E5515BU option 085

- E5515C will support E1968A if option 002 is installed

User Interface Changes – front panel

- GSM and GPRS front panels have merged
- Commands and options for both formats appear, however, options will not have functionality unless the appropriate license is in place
- All GSM/GPRS/EGPRS reports and displays will be visible at all times even if they are not related to the testing being conducted

User Interface Changes – GPIB Summary

- If you use E1960A, E1964A, E1985A for testing GSM and/or GPRS, then you may have to change your test controller code to maintain throughput. Doing nothing may increase test time. Optimization may reduce test time.
- If you test both GSM and GPRS using E1985A you will definitely have to revise test plans, which could result in savings of 20 seconds.
- FULL details of all command changes will be coming soon

Other Affected Products

Fast Switching TA

- If you test both GSM and WCDMA using E1985A you will have to revise test plans AND move to E1985B. Unlike E1992A, fast switching is NOT provided with E1968A. If Fast Switching TA was used only for switching between GSM and GPRS, then nothing else is required, just the E1968A. If however switching is required between GSM/GPRS and either IS136 or WCDMA, then E1985B will have to be purchased separately.

Wireless Test Manager

- The old GSM/GPRS Wireless Test Manager used with E1960A and E1964A or E1985A will not operate with E1968A, go to www.agilent.com/find/wtm for upgrade information.

Equivalent Part Numbers and Prices

Previous Model #s	New Model #s	Prices
E1960A GSM	E1968A-101	US\$8,500
E1964A GPRS	E1968A-102	US\$7,000
E1992A GSM/GPRS	E1968A-201	US\$12,500

Useful FAQs

Q: I have E1992A, how much is upgrade to E1968A?

A: Nothing, it is free, just download E1968A from the 8960 support webpage (www.agilent.com/find/8960support), all GSM and GPRS functions will be available

Q: I have E1960A GSM only and wish to add GPRS

A: Purchase E1968A-102 (GPRS), with this you will get E1968A, and a GPRS license. The existing GSM license combined with the new TA purchase will give you all GSM and GPRS features and instant switching between them, but check to make sure you have suitable H/W

Q: I have Existing E1964A GPRS only, and just need the new GPRS features

A: Download the E1968A free from the 8960 support webpage (www.agilent.com/find/8960support). E1968A will automatically give you all the new GPRS capabilities within E1968A, but unless you buy GSM, you will only get access to GPRS features.

Q: I presently use E1985A for testing GSM and GPRS, do I need to continue using E1985A

A: No, download and use E1968A, this is the only way to get instantly between GSM and GPRS. You will have to alter your test controller code.

Q: I presently use E1985A for testing GSM, GPRS and W-CDMA do I need to continue using E1985A

A: It would be best to move to E1985B which replaces E1985A. E1985B switches between WCDMA and the new integrated E1968A for faster combined test times.