Volatility Statement for FS740

Nonvolatile Memory:

256kB flash inside MCF52235 microcontroller used for instrument firmware.
512kB flash inside LPC1788 microcontroller used for firmware to control front panel LCD display.
4032 bytes EEPROM inside LPC1788 microcontroller is unused.
32MB flash used for storage of font definitions and static bitmaps in the front panel display
8Mbit serial flash used for instrument calibration and user settings.

Volatile Memory:

32kB SRAM inside MCF52235 microcontroller used for instrument operation
96kB SRAM inside LPC1788 microcontroller used for front panel operation
32MB SDRAM used for front panel display and frequency measurement results.

Procedure for Clearing Nonvolatile User Settings:

1. Unplug power cord to the FS740
2. Press front panel System Config key
3. While pressing System Config key, re-plug in the power cord to the FS740

FS740 will display a message that all settings are being restored to their default settings.

Please feel free to contact SRS should you have any further questions.