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To: Users of the Models 1230A and 1231A
Subject: Memory clearing for security

To All,

The Model 1231A/1230A contains an 8K x 8-bit wide RAM that is used for temporary storage. The data is lost when the power is removed. The unit also contains a 64K x 8-bit PROM that contains the program for the operation of the counter and cannot be modified by the user. The counter also contains an 8K x 8-bit EEPROM that is used for the calibration of the unit and contains the storage of option settings. This can only be modified by the user if the cover plate is removed and the calibration switched located on the CPU control board is set to the unprotect position. This switch is set to protect by default. Any attempt to modify this part could result in a unit that no longer functions. The unit also has 10 storage registers that can be used to store various setup conditions with register 0 being a special case. Any setup stored in register 0 becomes the default setup. All 10 registers can be cleared using special function 72 then sending the data clear command over the VXI bus to the instrument. This action returns the unit to factory defaults.

If you have any additional questions regarding the 1230A/1231A I can be reached at 408-610-6861.

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