Instrument Security Procedures
Declaration of Memory Volatility

Models
PM6303A, PM6304(C) and PM6306

Product Name
Programmable Automatic RCL Meter

Memory Description
The PM630x Series RCL Meters have the following memory devices:

PM6303A:
D316 EPROM   HN27C256G 32k x 8
operation code (firmware)

D314 SRAM (battery buffered)   PCF8570P   256 x 8
actual settings and TRIM data.

PM6304(C) and PM6306
CPU Unit:
PM6304(c)
D103 SRAM (battery buffered)   PCF8570T   256 x 8
instrument settings and TRIM data

D105 EPROM   27512   64k x 8
program memory (firmware

PM6306
D103 SRAM (battery buffered)   UPD43256AGU   32k x 8
instrument settings and TRIM data

D111 EPROM   AM27C010-150DC   128k x 8
program memory (firmware)

PM6304(C)/PM6306

D107 8-bit micro-contr.	80C65380C51	8k x 8
internalROM (not used)		
		256 x 8
internal RAM (programexecution)		
D104 EEPROM	X24C16S	2k x 8
calibration and binning data		

Signal Synthesizer:

D205 PROM	82S191CA	2k x 8(sine table)
D207 PROM	82S191	2k x 8(sine table)

Memory Cleaning Instructions:
PM6303A

Actual settings can be changed/cleared to default by pressing the AUTO key.

The trim values can be checked using the Memory Register Test (PROgram 3).
The value can be changed/cleared by performing a TRIM procedure.

Calibration data can only be changed by service during a calibration routine.

PM6304(C) and PM6306

To set the measuring registers to **default,** set the instrument to

AUTO
CONTINUOUS
TEST SIGNAL: AC
FREQUENCY: 1kHz
LEVEL: NORMAL
DC BIAS: OFF

Then STORE these settings manually to registers 1 to 9.

These are also the default settings after the start of ComponentView software
and can also be stored to registers 1 to 9 using the PC.

To reset the Binning Data, ComponentView or the PM9559 bin programmer should be used.

Connect the instrument.
Enter SETTINGS>BINNIG
Press the DEFAULT button
Enter values for a single BIN, for example 100pF, -1%, +1%.
Store these settings to registers 0 to 9.

Calibration data can be read with test PROgram 8 and can only be changed by service during a calibration routine.