Attenuation Control Unit Security Features and Volatility Documentation

This manual provides documentation for the following instrument:
J7201A/B/C

KEYSIGHT TECHNOLOGIES

Security Features and Volatility Documentation

Keysight Technologies, Inc.
1400 Fountaingrove Parkway
Santa Rosa, CA 95403
United States

+1 408 345 8886 telephone
+1-408 345 8474 facsimile
www.keysight.com

Memory Information and Procedures

Product: J7201A/B/C

Date: 17 October 2019

Memory Type: NAND FLASH Section 1	**Memory Size**: 2Gbit
Memory Function: Contains the instrument's firmware, failsafe firmware, FPGA image and file system	
User Modifiable (Y/N): N	**Volatile** (Y/N): N
Memory Erase Processes: • Not applicable. • Contains no application specific informations	

Memory Type: NAND FLASH Section 2	**Memory Size**: 8Kbit
Memory Function: Contains user configuration data and attenuator cycle count.	
User Modifiable (Y/N): Y	**Volatile** (Y/N): N
Memory Erase Processes: • User can performs factory reset and cycle count clear to restore to factory default setting. • This procedure is not recommended for use in routine applications because of possibility of unintended loss of user data.	

Memory Type: NAND FLASH Section 3	**Memory Size**: 5Mbit
Memory Function: Contains corrected data.	
User Modifiable (Y/N): N	**Volatile** (Y/N): N
Memory Erase Processes: • This is only applicable to factory or service only.	

Memory Type: EEPROM	**Memory Size**: 32Kbit
Memory Function: Contains basic instrument information such as Board ID, Revision ID, MAC address and Serial number.	
User Modifiable (Y/N): N	**Volatile** (Y/N): N
Memory Erase Processes: • This is only applicable to factory or service only. • No user settable information in this memory.	

Memory Type: SDRAM DDR	**Memory Size**: 2Gbit
Memory Function: When the instrument is power on all of the information is downloaded into the SDRAM for use by instrument.	
User Modifiable (Y/N): N	**Volatile** (Y/N): Y
Memory Erase Processes:: • Power cycle of the unit earases all volatile memory.	

Memory Type: NOR FLASH (FPGA)	**Memory Size**: 32Mbit
Memory Function: Contains main board FPGA binary file.	
User Modifiable (Y/N): N	**Volatile** (Y/N): N
Memory Erase Processes:: • Not applicable. • Contains no application specific informations	

Select one of the following:

- ✓ **Sanitization process is documented above**
- ☐ Sanitization process could be available with engineering resources
- ☐ Sanitization process is not possible (i.e. sanitize the product by destruction)

Edition 1, October 2019

5992-3901EN
www.keysight.com