



Date: June 5, 2017

Subject: Statement of Volatility – Dell [E2219HN](#) Monitor

To whom it may concern:

The purpose of this document is to certify that Dell's [E2219HN](#) monitor will not save, retain or reproduce a signal to any internal or external component after power has been removed and reapplied to the unit.

The Dell [E2219HN](#) monitor contains both volatile and non-volatile (NV) memory ICs. Volatile memory(s) lose their data immediately upon removal of power. Non-volatile memory ICs continue to retain their data even after the power has been removed. However, no input video data is written into these memory ICs during operation.

List below contains volatile and non-volatile memory ICs used in the Dell [E2219HN](#) monitor.

System EEPROM	ATMEL AT24C16
Size	16Kbit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	OSD setting: Yes
Purpose	Storage of system setting (OSD)
How is data input to this memory?	Control the OSD menu and change OSD setting (ex. Brightness, contrast, color setting) and the setting will be stored into system EEPROM
How is this memory write protected?	Software write protected

VGA EDID EEPROM	ATMEL AT24C02
Size	2Kbit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	Storage of VGA EDID
How is data input to this memory?	Writing EDID requires a customized EDID tool and a VGA cable.
How is this memory write protected?	Software write protected

HDMI EDID EEPROM	ATMEL AT24C02
Size	2Kbit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	Storage of HDMI EDID
How is data input to this memory?	Writing EDID requires a customized EDID tool and a HDMI cable.
How is this memory write protected?	Software write protected

Please direct any questions to your Dell Marketing contact.

Sincerely,

Dell Marketing