**DATA LOSS IN BLACK IMAGE OVER TIME AT ROOM TEMPERATURE**

**SRAM Sector 7: 0023FFh to 001C00h**

![A black background with a black square

Description automatically generated with medium confidence]() ![A black background with a black square

Description automatically generated with medium confidence]() ![A black background with a black square

Description automatically generated with medium confidence]() ![A black background with white dots

Description automatically generated]()

Input Image t = 10ms t = 30 ms t = 35 ms

A black background with white dots

Description automatically generated A black background with white dots

Description automatically generated A black and white pixelated background

Description automatically generated A black and white pixelated background

Description automatically generated

t = 40ms t = 50ms t = 60 ms t = 80 ms

**SRAM Sector 2:** 003BFFh to 003400h

Exact same output for a specific “t”

![A black background with a black square

Description automatically generated with medium confidence]() ![A black background with white dots

Description automatically generated]() ![A black background with white dots

Description automatically generated]() ![A black background with white dots

Description automatically generated]()

t = 30ms t = 33ms(1st time) t = 33ms(2nd time) t = 35ms

A black background with white dots

Description automatically generated A black background with white dots

Description automatically generated A black background with white dots

Description automatically generated A black and white pixelated background

Description automatically generated

t = 30ms t = 44ms (1st time) t = 44ms (2nd time) t = 60ms