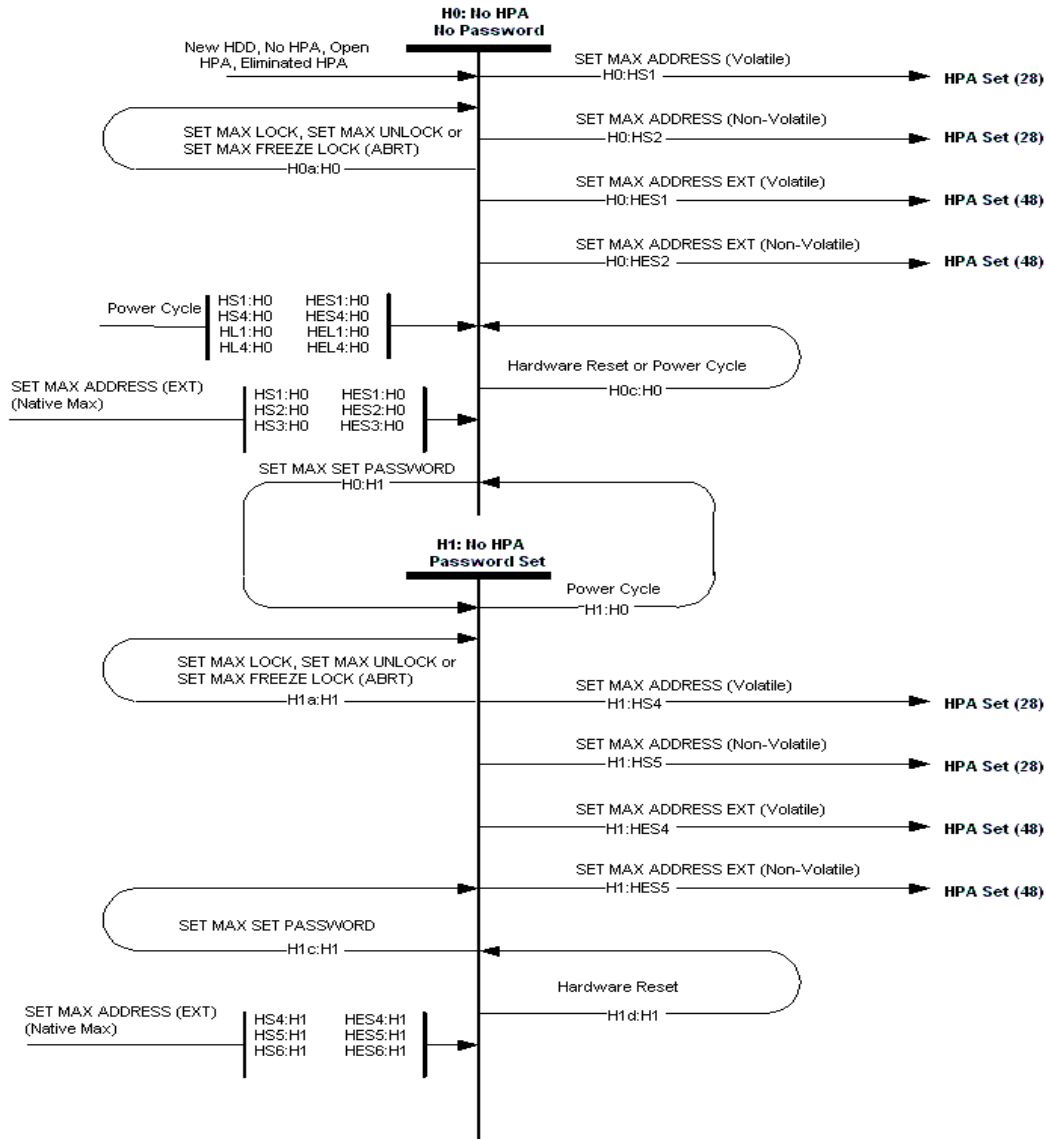


# HPA Commands State Diagram

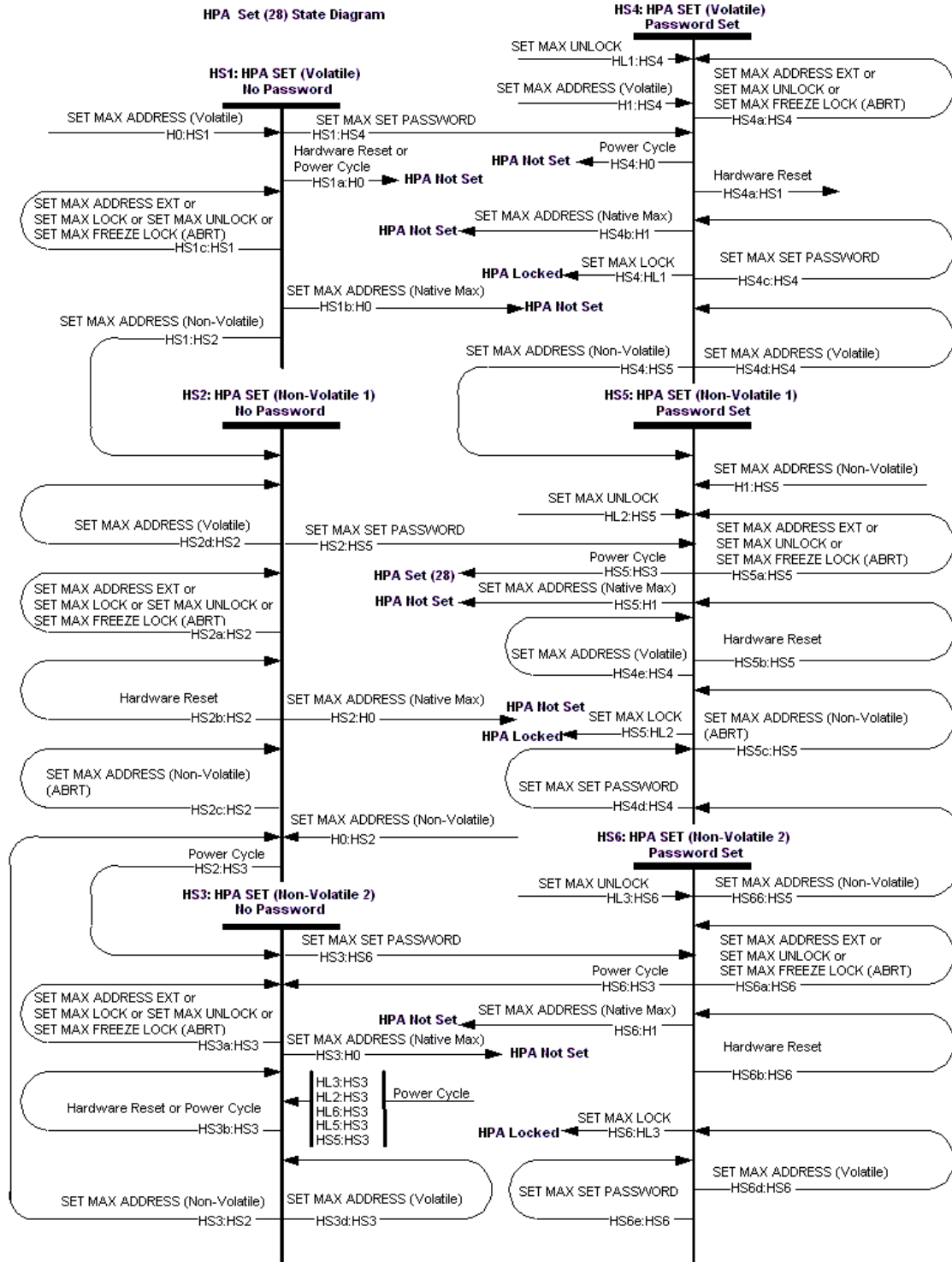
## 1. HPA Not Set State Diagram

HPA Hot Set State Diagram

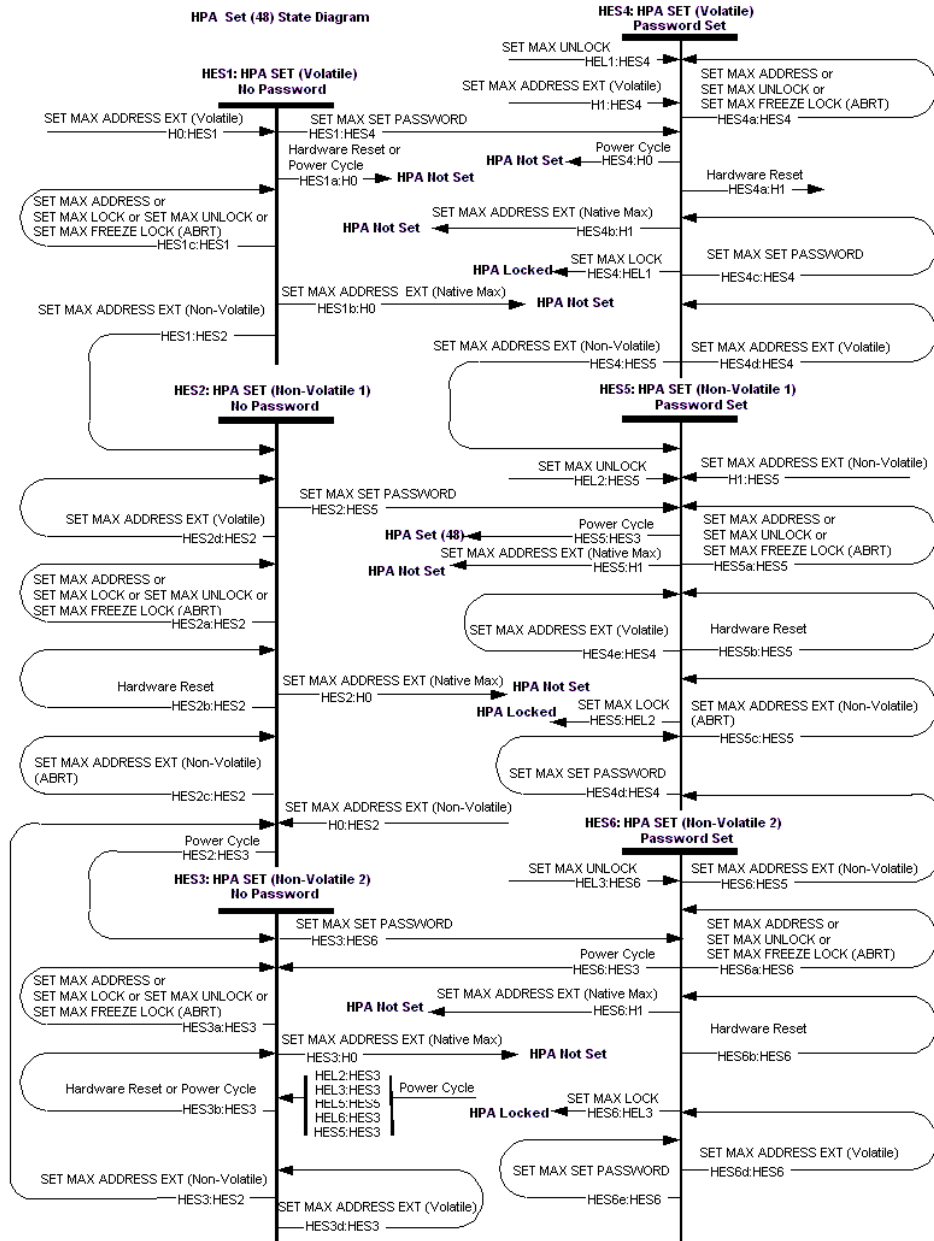


1. HPA is said to be *Open* or *Eliminated* when a SET MAX ADDRESS (EXT) is done at NATIVE MAX (EXT)
2. SET MAX ADDRESS (EXT) command shall be immediately preceded by a READ NATIVE MAX (EXT) command. If these commands are not immediately preceded by a READ NATIVE MAX (EXT) command, they will be aborted (ABRT).
3. SET MAX SET PASSWORD, SET MAX LOCK, SET MAX UNLOCK, SET MAX FREEZE LOCK commands shall not be immediately preceded by a READ NATIVE MAX (EXT) command. If these commands are immediately preceded by a READ NATIVE MAX (EXT) command, they shall be interpreted as a SET MAX ADDRESS (EXT) command.
4. Only one SET MAX ADDRESS non-volatile allowed per power cycle
5. Volatile state means no non-volatile SET MAX ADDRESS (EXT) command has been issued after a volatile one.
6. Non-Volatile 1 state means a non-volatile SET MAX ADDRESS (EXT) command was issued after power cycle.
7. Non-Volatile 2 state means no non-volatile SET MAX ADDRESS (EXT) command was issued after power cycle

## 2. HPA Set (28) State Diagram

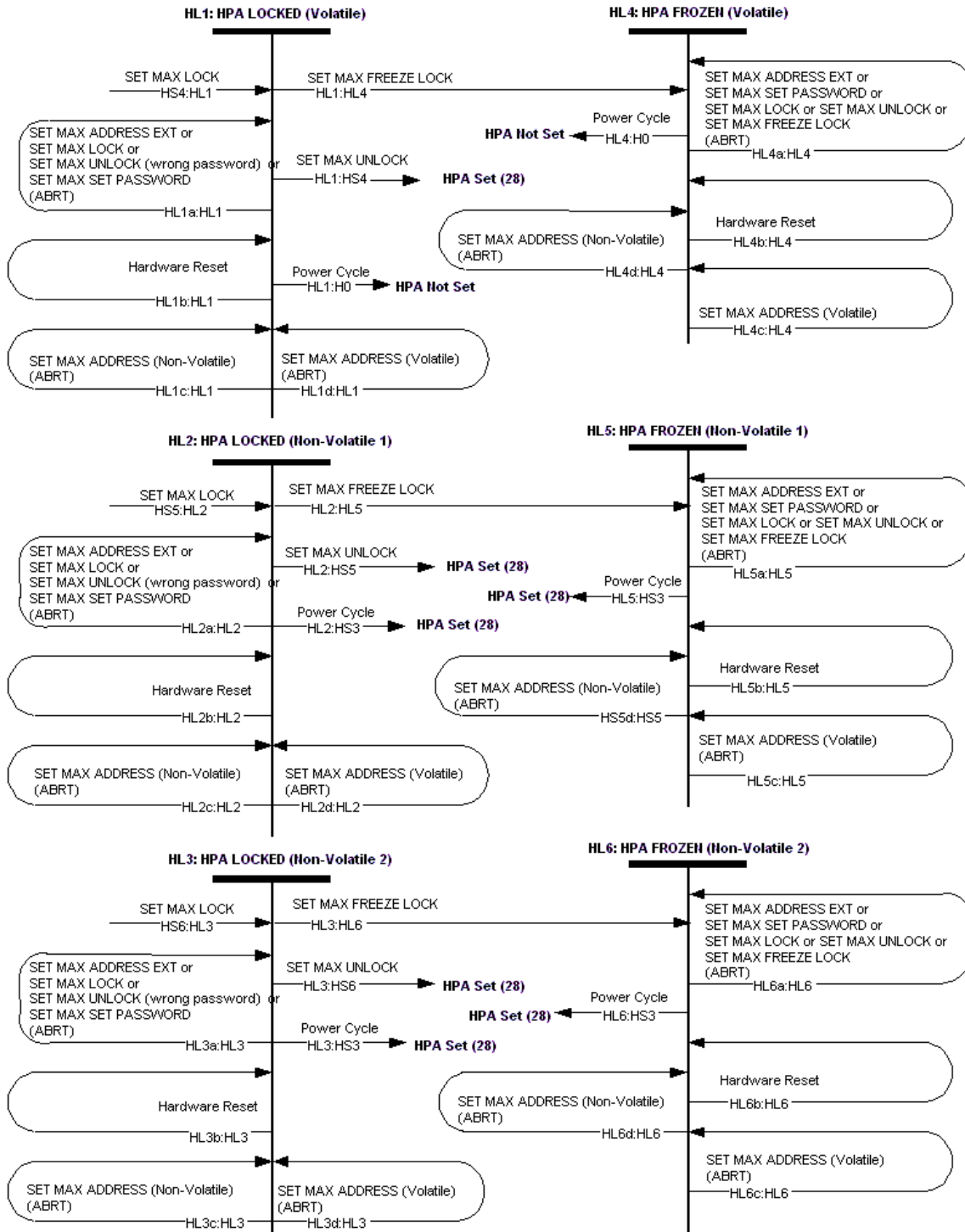


### 3. HPA Set (48) State Diagram



## 4. HPA Locked (28) State Diagram

HPA Locked (28) State Diagram



## 5. HPA Locked (48) State Diagram

HPA Locked (48) State Diagram

