

**Decoupled V-F
Optimization Mechanism**

Analyze user input
and test DVFS
information

Establishment of
baseline
measurement

Space Exploration

Fine-tuning

Optimization Algorithm Execution

Space Exploration Steps

Remaining User Application Iterations

Iteration 1

Iteration
2 to (2 + Space Exploration Steps)

Iteration
(2 + Space Exploration Steps) to defined
number of user application iterations

**User Application
Execution**

