



## 9. Average Outgoing Quality (AOQ) Data

### 1. Calculation Equation:

$$AOQ = (\text{Process Average}) \bullet (\text{Probability of Acceptance}) \bullet (10^6) \text{ (PPM)}$$

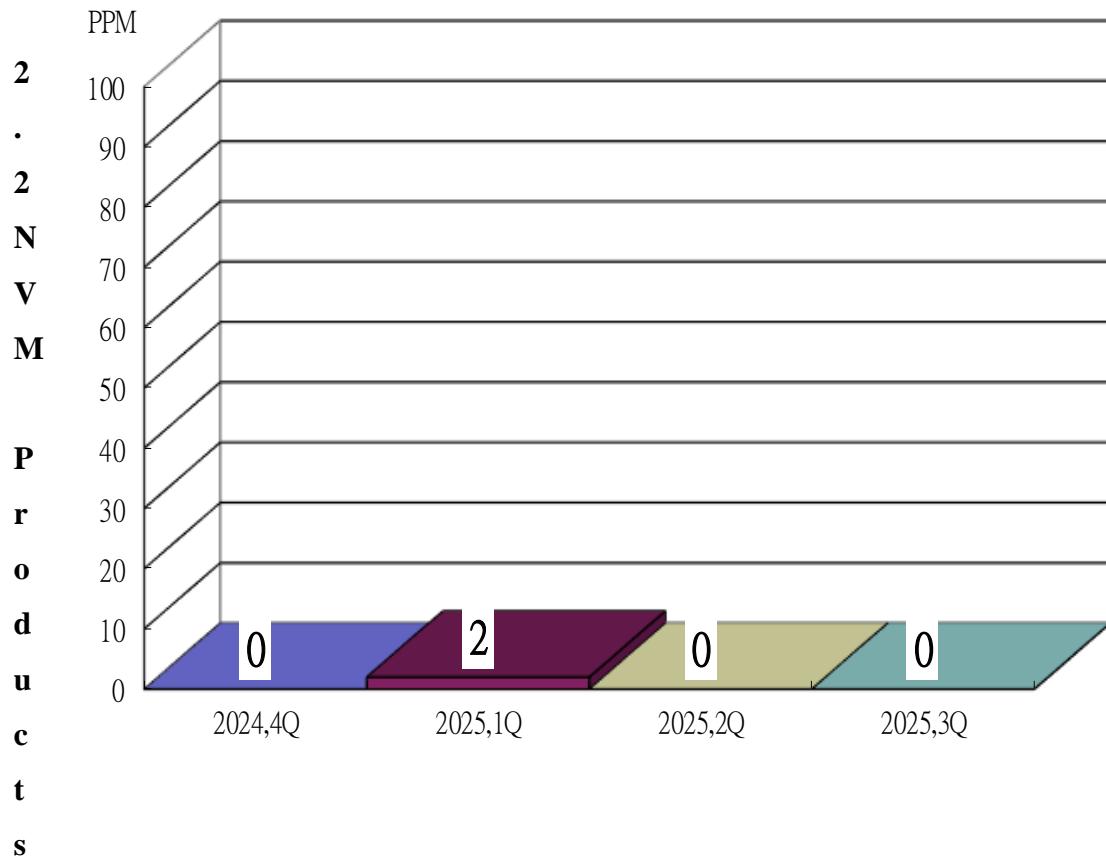
- Process Average = Total Projected Reject Device / Total Number of Devices
- Projected Reject Device = (Defects in Samples / Sample Size) • Lot Size
- Total Number of Devices = Sum of units in each submitted lot
- Probability of Acceptance = 1 - Number of Lots Rejected / Number of lots Tested
- $10^6$  = Conversion to parts per million (PPM)
- $10^9$  = Conversion to parts per billion (PPB)



## 2. Data

### 2.1 DRAM Products

**DRAM Electeical Test AOQ Trend Chart**





## NVM Electrical Test AOQ Trend Chart

