# 9. Average Outgoing Quality (AOQ) Data

## 1. Calculation Equation:

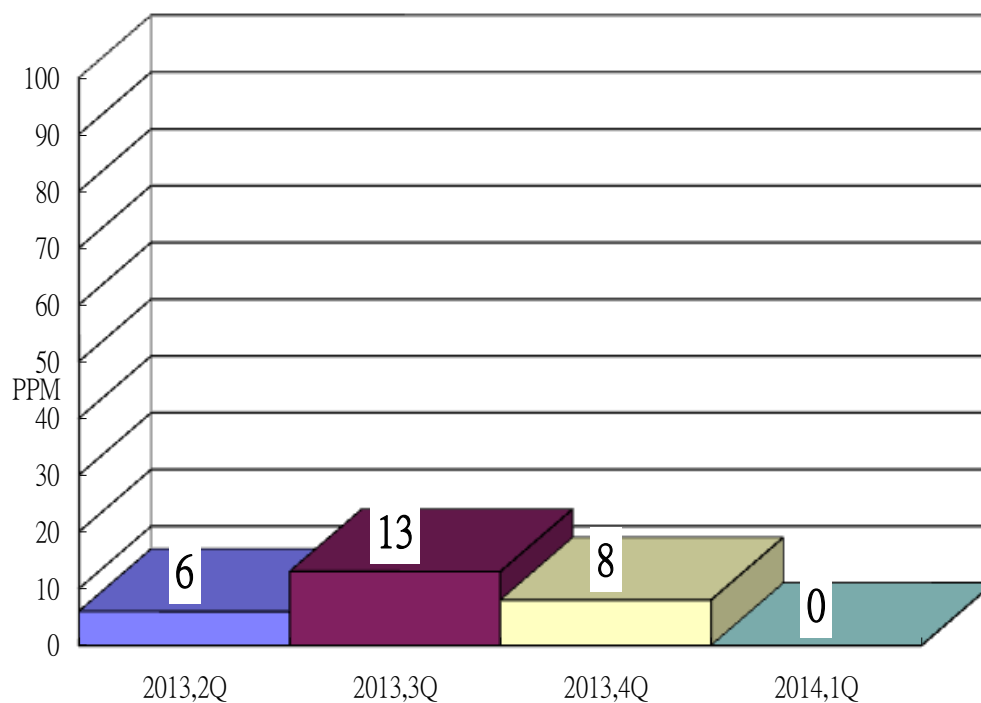AOQ = (Process Average) • (Probability of Acceptance) • ($10^6$) (PPM)

- 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

**2.2 NVM Products**

## NVM Electeical Test AOQ Trend Chart



| | 2013,2Q | 2013,3Q | 2013,4Q | 2014,1Q |
|---|---|---|---|---|
| PPM | 31 | 31 | 44 | 41 |