



# 9. Average Outgoing Quality (AOQ) Data

### 1. Calculation Equation:

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

- 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<sup>9</sup> = Conversion to parts per billion (PPB)



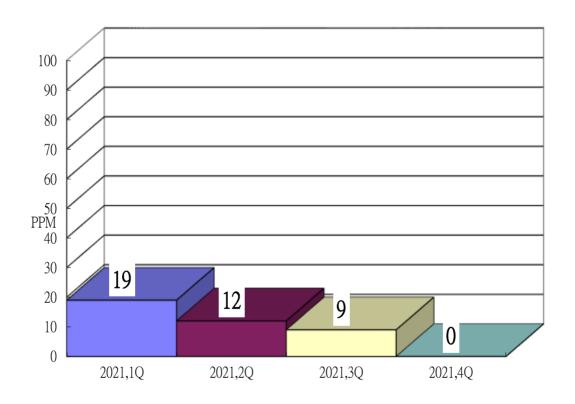




#### 2. Data

### 2.1 DRAM Products

### **DRAM Electeical Test AOQ Trend Chart**







#### 2.2 NVM Products

## NVM Electeical Test AOQ Trend Chart

