9. Average Outgoing Quality (AOQ) Data

1. Calculation Equation:

\[ \text{AOQ} = (\text{Process Average}) \times (\text{Probability of Acceptance}) \times (10^6) \text{ (PPM)} \]

- Process Average = Total Projected Reject Device / Total Number of Devices
- Projected Reject Device = (Defects in Samples / Sample Size) \times \text{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 Electrical Test AOQ Trend Chart
2.2 NVM Products

NVM Electrical Test AOQ Trend Chart

<table>
<thead>
<tr>
<th>Quarter</th>
<th>2022,3Q</th>
<th>2022,4Q</th>
<th>2023,1Q</th>
<th>2023,2Q</th>
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<tr>
<td>PPM</td>
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<td>21</td>
<td>11</td>
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