



## Schedule of Scope to Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 17.0001

CB Certificate No.: 50600164 ITL

Schedule Number: IECQ-L ULTW 17.0001-S      Rev No.: 2      Revision Date: 2022/03/31      Page 1 of 2

### Appendix-1 (50600164 ITL) Schedule of Scope to Certificate of Approval

| Test Items  | Standard/Method  |
|---|--|
| I-V Probe station   | WI-LQ-0120 Probe station Work Instruction  |
| InGaAs microscope/Optical Beam Induced Resistance Change (OBIRCH)   | WI-LQ-0313 Meridian Work Instruction   |
| SAT (Scanning Acoustic Tomography)                                  | WI-LQ-0320 SAT Work Instruction  |
| 3D X-ray  | WI-LQ-0324 3D X-ray Work Instruction   |
| Secondary Electron Microscope (SEM)                                 | WI-LQ-0302 SEM Work Instruction  |
| Focused Ion Beam (FIB)  | WI-LQ-0108 FIB Work Instruction  |
| Electrostatic Discharge (ESD) / Latch-up (Heating by Thermo stream) | HBM: ANSI/ESDA/JEDEC JS-001/JESD22-A114 / AEC-Q100-002 / MIL-STD-883<br>MM: JED22-A115 / AEC-Q100-003<br>CDM: ANSI/ESDA/JEDEC JS-002 / JESD22-C101 / AEC-Q100-011<br>Latch : JESD78 / AEC-Q100-004 |
| High Temperature Operating Life (HTOL)                              | JESD22-A108  |
| Bias Life Test (BLT)  | JESD22-A108  |
| Early Failure Rate (EFR)  | JESD22-A108  |
| High Temperature Storage Life (HTSL)                                | JESD22-A103  |
| Low Temperature Storage Life (LTSL)                                 | JESD22-A108  |
| Highly Accelerated Temperature And Humidity Stress Test (HAST)      | JESD22-A110  |
| Unbiased HAST   | JESD22-A118  |
| Pressure Cook Test (PCT)  | JESD22-A102  |

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**DQS-Group - DQS Taiwan Inc.**, Feng Yuan Dist., Taichung City, Taiwan



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|  |   |
|--|---|
| Temperature Cycling Test (TCT)                         | JESD22-A104                               |
| Thermal Shock Test (TST)                               | JESD22-A106                               |
| Precondition   | IPC/JEDEC J-STD-020D Level 3, JESD22-A113 |
| Steady State Temperature Humidity Bias Life Test (THB) | JESD22-A101                               |

Technical Reviewer of DQS:  \_\_\_\_\_ Date: 3/31/2022

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