



Schedule of Scope to Certificate of Conformity Approved Process

IECQ Certificate No.: IECQ-L ULTW 09.0023

CB Certificate No.: 20003329 ITL

Schedule Number: IECQ-L ULTW 09.0023-S Rev No.: 3 Revision Date: 2019/11/25 Page 1 of 4

Appendix-1 (20003329 ITL) Schedule of Scope to Certificate of Approval

| Description test | Standard |
|--|----------------|
| Low Temperature Operation 低溫操作測試 | IEC 60068-2-1 |
| Low Temperature Storage 低溫儲存測試 | IEC 60068-2-1 |
| High Temperature Operation 高溫操作測試 | IEC 60068-2-2 |
| High Temperature Storage 高溫儲存測試 | IEC 60068-2-2 |
| Temperature Cycling 溫度循環測試 | IEC 60068-2-14 |
| High Temperature & High Humidity Operation 高溫高濕操作測試 | IEC 60068-2-78 |
| High Temperature & High Humidity Storage 高溫高濕儲存測試 | IEC 60068-2-78 |
| Thermal Shock 冷熱衝擊測試 | IEC 60068-2-14 |
| Altitude Operation 高空操作測試 | IEC 60068-2-13 |
| Altitude Storage 高空儲存測試 | IEC 60068-2-13 |
| Solar Test 日照模擬測試 | DIN 75220 |
| Glass Strength-ROR (Ring on Ring) 雙環型彎曲強度測試 | ASTM 1499-05 |
| Glass Strength-4PB (4- Point Bending Test) 四點彎曲強度測試 | 13QM100284 |
| Pressure Test 面壓測試 | 13QM100284 |
| Mechanical Shock 機械衝擊測試 | IEC 60068-2-27 |

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| Description test | Standard |
|---|---|
| Vibration (Sine wave) 振動測試 (正弦波) | IEC 60068-2-6 |
| Vibration (Random) 振動測試 (隨機波) | IEC 60068-2-64 |
| Thermal Vibration 溫度振動複合測試 | 13QM100279 |
| Packing Vibration 包裝振動測試 | ISTA 2A |
| Terminal ESD Test HBM (Non-O/P) 人體模型端子放電測試 | IEC 60749-26 MIL-STD-883E(Method 3015.7) |
| Terminal ESD Test MM (Non-O/P) 機器模型端子放電測試 | IEC 60749-27 |
| Combined Environments Test 複合環境測試 | IEC 60068-2-38 |
| Harmful gas test 腐蝕性氣體測試 | IEC 60068-2-60 |
| Salt Test 鹽霧測試 | IEC 60068-2-52 |
| Water protection - IPX 防水測試 | IEC 60529:1981+A1:1999 IEC 60068-2-18 |
| Dust Test 防塵測試 | 13QM100279 |
| Optical measurement 光學量測 | IDMS |
| Vacuum suck pump test 黃斑真空測試 | IDMS |
| Rattling Test 振動異音測試 | IEC 60068-2-65 ISO 7779 |
| Tensile Test 拉伸測試 | 13QM100284 |
| Head Impact Test 頭部撞擊測試 | ECE-R21 FMVSS No. 201U |
| Battery Compliance Test 電池規格測試 | 13QM100279 |
| TL226 Crosscut Test 百格測試 | 13QM100599 |

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| Description test | Standard |
|---|----------------------------|
| TL226 Scratch Resistance 耐刮測試 | 13QM100599 |
| TL226 100 crockmeter strokes against Dry Cloth 耐磨測試(乾) | 13QM100599 |
| TL226 100 crockmeter strokes against Moist Cloth 耐磨測試(濕) | 13QM100599 |
| TL226 Colorimetry Test 色差測試 | 13QM100599 |
| TL226 Heat aging 高溫存放測試 | 13QM100599 |
| TL226 Environmental cycle test 氣候交換測試 | 13QM100599 |
| TL226 Hydrolysis Aging 水解老化測試 | 13QM100599 |
| TL226 Condensation Atmosphere with Constant Humidity 冷凝水測試 | 13QM100599 |
| TL226 lightfastness 耐光性測試 | 13QM100599 |
| TL226 Solar radiation 太陽輻射測試 | 13QM100599 |
| TL226 Cream resistance 耐潤膚霜測試 | 13QM100599 |
| TL226 Cyclic Corrosion test 鹽霧循環腐蝕測試 | 13QM100599 |
| TL226 Resistance to Cleaning Agents and Synthetic Sweat-Drip Test (耐清潔劑人工汗液滴下測試) | 13QM100599 |
| TL226 Resistance to Cleaning Agents and Synthetic Sweat-Abrasion Behavior (耐清潔劑人工汗液磨擦測試) | 13QM100599 |
| Packing Drop 包裝落下測試 | ISTA 1A ISTA 2A |
| ESD-Air Mode Discharge 空氣放電靜電模擬測試 | IEC 61000-4-2 ISO 10605 |
| ESD-Contact Mode Discharge 接觸放電靜電模擬測試 | IEC 61000-4-2 ISO 10605 |

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| Description test | Standard |
|---|------------------------------|
| Damp Heat Cycle Test Operation 溫濕度循環測試 | IEC 60068-2-38 13QM100283 |

Technical Reviewer of DQS: *Michael Chou* Date: 11/25/2019

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