

Hardware Quality Assurance

訊號完整性(Signal Integrity)

- System Clock Test
- System Interface Test
- Storage Test (Micro-SD, eMMC/SSD etc..)
- LCM Optical characteristics Test
- Audio, Jack/Speaker Performance Test
- Camera Optical characteristics Test

電池測量(Battery Measurement)

- Battery Charge and Discharge check

功率測量(Power Management)

- System Power Sequence Test
- Device Voltage Measurement
- Power Consumption Measurement

環境可靠度測試(Reliability & Environment Test)

- High Temperature/Humidity Test
- High/Low Temperature Stress Test
- Drop Test

Wi-Fi 無線訊號品質驗證(Wi-Fi Signal Quality Verification)

- Wi-Fi Transmit Signal Integrity Test
- Antenna Performance Test
- PNS/SNA Platform Test (EVT)
- Wi-Fi Throughput Test (DVT)



System/ Software Validation Test

系統功能測試 (System Function Test)

- Touch Panel Test
- Buttons Test
- Camera Test (Rear, Back)
- Sensor Function Test
- Bluetooth Function Test
- Wireless Function Test
- 3G/LTE Carrier Test

效能測試 (Performance Test)

- Boot Performance
- Benchmark Test

穩定性測試 (Stability Test)

- Wireless Stress Test
- Application Stress Test

應用程式測試 (Application Test)

- Wireless & Network Setting
- OS Upgrade
- Home/Widget
- Bundled App Test
- 3rd Party App Test

相容性測試 (Interoperability Test)

- User Scenario Interoperability Test
- Bluetooth Compatibility
 - ◆ PC/ Tablet/ Mobile Phone, Car Audio, Headset\ Speaker
- WiFi Compatibility
 - ◆ Access Point, Wi-Fi Direct
- Share 3G\ 4G networking Compatibility
 - ◆ PC/ Tablet/ Mobile Phone, Access Point
- WIDI & Miracast Compatibility
 - ◆ TV/ Monitor/ Projector



- USB Host Compatibility
 - ◆ PC/ Tablet, TV
- USB OTG Compatibility
 - ◆ Tablet/ Mobile Phone, Storage, KB/ Mouse
- MHL Compatibility
 - ◆ TV/ Monitor/ Projector
- Mirror Link Compatibility
 - ◆ Car Audio
- SD Cards Compatibility
 - ◆ SDHC/ SDXC, USH-I/ USH-II