|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | CheckPsuStatus | diag psu info test mfr\_id="FSP GROUP" mfr\_model="FSP800-20FM" | Result: PASS | diag psu info test mfr\_id="FSP GROUP" mfr\_model="FSP800-20FM" | Result: PASS |
| Test Items Command Final Functional Test (WNC diags) station | EnableSecureBoot | Telnet DUT command: tftp -r fuse\_blower\_wnc\_pvt.sh -g 192.168.10.1 | /tmp# | tftp -r fuse\_blower\_wnc\_pvt.sh -g 192.168.10.1 | /tmp# |
| Test Items Command-BFT/Radio Verification station | Read STSAFE ID | cat /tmp/DeviceId | Router-010000000000000000CF3519 | cat /tmp/DeviceId | Router-010000000000000000CF3519 |
| Test Items FQC station | packet\_path\_counter\_clear | clear counters | localhost(config)# | clear counters | localhost(config)# |
|  | EncodePrefdl | prefdl -e prefdl\_data > prefdl\_data\_encode | # | prefdl -e prefdl\_data > prefdl\_data\_encode | # |
|  | CheckAboorVersion | diag sys version aboot="SB\_IDVH .001.001.000.001.000.00017.R-0000000000000000" | Result: PASS | diag sys version aboot="SB\_IDVH .001.001.000.001.000.00017.R-0000000000000000" | Result: PASS |
| Test Items Command-BB station | CheckSPI\_Unwritable | echo $? | 2 Aboot# | echo $? | 2 |
| Test Items Command Post Assembly station | ClearWNC | Console DUT (9600) command: y | Press for the Boot Menu | y | Press for the Boot Menu |
| Test Items Command Post Assembly station | Traffic\_Test | Console DUT (9600) command: erase startup-config | Deleting... Successful operation awplus# | erase startup-config | Deleting... Successful operation awplus# |
| Test Items Command-PCBA station | CheckLTEIMEI | net\_man at\_cmd AT+CGSN=1 | OK //Record IMEI number// |  |  |
| Test Items Command-Final station | SetSysled2SolidGreen | diag mgmt led sysled\_2 set=2 | Result: PASS | diag mgmt led sysled\_2 set=2 | Result: PASS |
| Test Items Command-Final station | VerifyFan50 | diag fan speed test=4886,9072 | Result: PASS | diag fan speed test=4886,9072 | Result: PASS |
| Test Items Command Post Assembly station | run\_cmdd\_test | Console DUT (115200) command: post\_assy > /dev/null 2>&1 & | ~# | post\_assy > /dev/null 2>&1 & | ~# |
|  | WriteSnToPrefdl | echo "SerialNumber: WTW21481002" >> prefdl\_data | # | echo "SerialNumber: WTW21481002" >> prefdl\_data | # |
| Test Items Command Post Assembly station | Update\_CPU\_RX\_EQ | Console DUT (115200) command: devmem 0xF4122C40 16 0xF2D3 | ~# | devmem 0xF4122C40 16 0xF2D3 | ~# |
| Test Items FQC station | SyncData | sync | bash-4.2# | sync | bash-4.2# |
| Test Items Command Post Assembly station | CheckEMMCInfo | Console DUT (115200) command: diag storage emmc info test="008GB1" | Result: PASS ~# | diag storage emmc info test="008GB1" | Result: PASS ~# |
| Test Items Command-BB station | Remove\_autoBI\_config | /mnt/flash/mmc\_static cache disable /dev/mmcblk0 2>/dev/null | Aboot# | /mnt/flash/mmc\_static cache disable /dev/mmcblk0 2>/dev/null | Aboot# |
| Test Items Command-Final station | TestFirstUSBEthernet | diag mgmt usb ether test num\_usb3\_0=2 criteria\_3\_0=900 duration=10 side\_check=1 | Result: PASS | diag mgmt usb ether test num\_usb3\_0=2 criteria\_3\_0=900 duration=10 side\_check=1 | Result: PASS |
| Test Items FQC station | packet\_path\_vlan\_create | switchport access vlan 300 | localhost(config-if-Et24)# | switchport access vlan 300 | localhost(config-if-Et24)# |
| Test Items Command-PCBA station | OneWireTest | onewire id | 0xc3a9 | onewire id | 0xc3a9 |
| Test Items FQC station | Remove\_autoBI\_config | boot flash:$EOS\_img | Aboot# | boot flash:$EOS\_img | Aboot# |
|  | Ethernet test | brctl addif br-lan eth0 | root@OpenWrt:/# | brctl addif br-lan eth0 | root@OpenWrt:/# |
| Test Items Command Post Assembly station | FUNC1\_Black\_LED | Console DUT (115200) command: diag mgmt led sysled\_2 set=0 | Result: PASS ~# | diag mgmt led sysled\_2 set=0 | Result: PASS ~# |
| Test Items Command Post Assembly station | Interrupt\_MAC | Console DUT (115200) command: Verify uboot. Version: 8.10.0 | Result: PASS ~# | Verify uboot. Version: 8.10.0 | Result: PASS ~# |
| Test Items FQC station | usb\_test | ip netns delete net1 | bash-4.2# | ip netns delete net1 | bash-4.2# |
| Test Items Command-Final station | SetMgmtRightOff | diag mgmt oob led=1,0 | Result: PASS | diag mgmt oob led=1,0 | Result: PASS |
| Test Items Command-Final station | PrintPsuBlackBox | PSU\_black\_box\_tool.sh dump all PSU\_black\_box\_tool.sh get all all | Result: PASS | PSU\_black\_box\_tool.sh dump all PSU\_black\_box\_tool.sh get all all | Result: PASS |
| Test Items Command-Final station | SetBootConfig | echo "SWI=flash:EOS.swi" > /mnt/flash/boot-config | # | echo "SWI=flash:EOS.swi" > /mnt/flash/boot-config | # |
|  | SetPrintkLevel | echo 1 4 1 3 > /proc/sys/kernel/printk | # | echo 1 4 1 3 > /proc/sys/kernel/printk | # |
| Test Items Command Post Assembly station | USB\_Amber\_LED | Console DUT (115200) command: diag mgmt led sysled\_5 set=1 | Result: PASS ~# | diag mgmt led sysled\_5 set=1 | Result: PASS ~# |
| Test Items Command Post Assembly station | Traffic\_Set | Console DUT (9600) command: show boot | flash:/default.cfg (file exists) awplus# | show boot | flash:/default.cfg (file exists) awplus# |
| Test Items FQC station | usb\_test | ip link set macv1 netns net1 | bash-4.2# | ip link set macv1 netns net1 | bash-4.2# |
| Test Items FQC station | sysPwrOn\_check\_flashrom | bash sudo flashrom | localhost(config)#,Macronix flash chip "MX25U12835F" | bash sudo flashrom | localhost(config)#,Macronix flash chip "MX25U12835F" |
|  | Write CP FW to EMMC | imgaddr=0x44000000 && source $imgaddr:script reset | IPQ6018# | reset | IPQ6018# |
| Test Items Command-Final station | ShowNimSsdInformation | bash sudo lspci -vvv -s 15:02.0 | grep LnkCap bash sudo lspci -vvv -s 15:04.0 | grep LnkCap bash sudo lspci -vvv -s 90:02.0 | grep LnkCap bash sudo lspci -vvv -s 90:04.0 | grep LnkCap | Width x8 | bash sudo lspci -vvv -s 15:02.0 | grep LnkCap bash sudo lspci -vvv -s 15:04.0 | grep LnkCap bash sudo lspci -vvv -s 90:02.0 | grep LnkCap bash sudo lspci -vvv -s 90:04.0 | grep LnkCap | Width x8 |
| Test Items Command Post Assembly station | Login\_Cus | Console DUT (9600) command: configure terminal | awplus(config)# | configure terminal | awplus(config)# |
| Test Items Command Post Assembly station | Fan\_Speed\_Set\_100 | Console DUT (115200) command: diag fan pwm duty\_cycle=100 | Result: PASS ~# | diag fan pwm duty\_cycle=100 | Result: PASS ~# |
| Test Items Command-OTA&Final station | WiFiSSID | wifi scan | ESP\_ | wifi scan | ESP\_ |
| Test Items FQC station | sysPwrOn\_config | config | localhost(config)# | config | localhost(config)# |
| Test Items Command Final (WNC) station | UpLoadBILog | Console DUT (115200) command: rm -rf burnInlog\_Z2W1O2800006N01.tar | root@localhost:~# | rm -rf burnInlog\_Z2W1O2800006N01.tar | root@localhost:~# |
| Test Items FQC station | sysPwrOn\_rm\_boot\_flash | boot flash:$diagOS\_img | localhost login: | boot flash:$diagOS\_img | localhost login: |
| Test Items Command Post Assembly station | CheckMemorySize | Console DUT (115200) command: diag sys memory size compare=2032608 | Result: PASS ~# | diag sys memory size compare=2032608 | Result: PASS ~# |
| Test Items Command Post Assembly station | Set\_Printk\_Level | Console DUT (115200) command: echo 1 4 1 3 > /proc/sys/kernel/printk | ~# | echo 1 4 1 3 > /proc/sys/kernel/printk | ~# |
| Test Items Command Final Functional Test (WNC diags) station | System\_White\_LED | Telnet DUT command: diag mgmt led sysled set=4 | Result: PASS ~# | diag mgmt led sysled set=4 | Result: PASS ~# |
| Test Items Command Final Functional Test (WNC diags) station | ClearWNCData | Telnet DUT command: mount /dev/mmcblk0p1 /diag | # | mount /dev/mmcblk0p1 /diag | # |
|  | UpdateInactiveTPM | tpm2util stm fu /mnt/flash/ST33TPHF2XSPI\_00010200.fi | Upgrade counter: 0 Starting Firmware Upgrade Post-upgrade counter: 1 Upgrade successful | tpm2util stm fu /mnt/flash/ST33TPHF2XSPI\_00010200.fi | Upgrade counter: 0 Starting Firmware Upgrade Post-upgrade counter: 1 Upgrade successful |
| Test Items Command Post Assembly station | Switch\_Cus\_FW | Console DUT (9600) command: Y | Restoring default settings... Complete | Y | Restoring default settings... Complete |
| Test Items Command-BFT/Radio Verification station | LAN to WAN Throughput Test | Server command: iperf -s Client command: uperf -c DHCP\_Server\_ip -w 1024k -p 12 -t 10 -I 1 | Throughput Limitation > 750 Mbps | Client command: uperf -c DHCP\_Server\_ip -w 1024k -p 12 -t 10 -I 1 | Throughput Limitation > 750 Mbps |
| Test Items Command-Final station | ShowManagementSecurity | show management security | STM ST33TPHF2X TPM 2.0 (1.512) | show management security | STM ST33TPHF2X TPM 2.0 (1.512) |