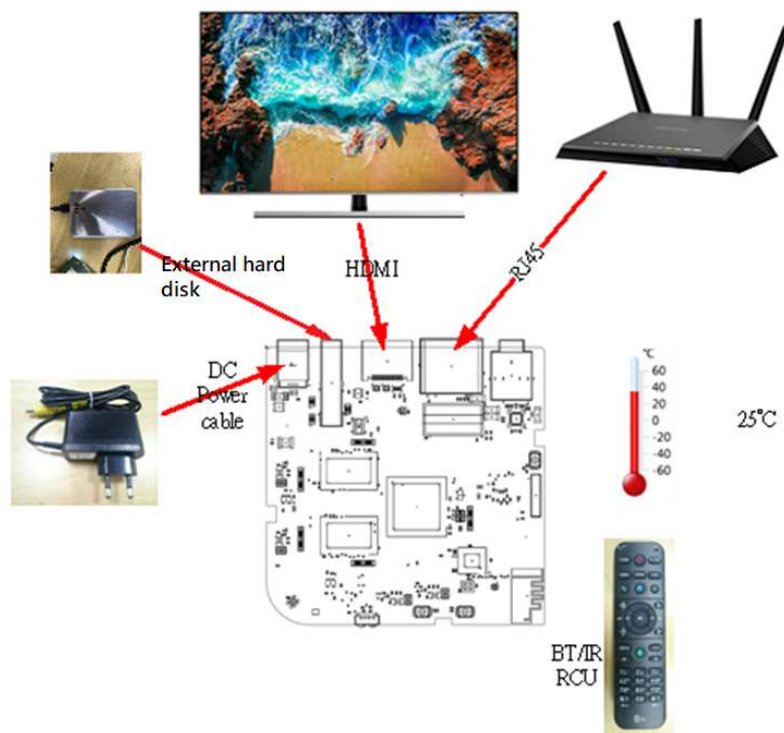


Hardware Unit Test Report

EDITECH TYPE2541 HW Test

Hardware version	FW version	Manufactory P/N
V025	4.9.113 #1MonFeb 1122:40:43 CST 2019	TYPE2541(China) TYPE2541(Vietnam)

1. Power Test Setup (1)



1.1 Test Condition

- BOX play 4K video by using external hard disk.
- Ethernet is connected to AP WIFI and run iperf base on 50Mbps to server.
- HDMI output port connects to TV through the HDMI cable.
- DC Power cable is also connected.
- The temperature is about 25 degrees. The results are meeting +/-5%.

1.2 Result and Picture

TYPE2541(China):

Power Rail	Specification (V)			Test Result (V)	Figure	Pass/Fail
	Min.	Typ.	Max.			
PP_PWR_IN (5V)	4.75	5	5.25	4.987	Figure 1	Pass

Power Rail	Specification (+/-5%)	Test Result (mV)	Figure	Pass/Fail
	Max Ripple (mV)			
PP_PWR_IN (5V)	250	126	Figure 2	Pass

TYPE2541(Vietnam):

Power Rail	Specification (V)			Test Result (V)	Figure	Pass/Fail
	Min.	Typ.	Max.			
PP_PWR_IN (5V)	4.75	5	5.25	5.055	Figure 3	Pass

Power Rail	Specification (+/-5%)	Test Result (mV)	Figure	Pass/Fail
	Max Ripple (mV)			
PP_PWR_IN (5V)	250	144	Figure 4	Pass

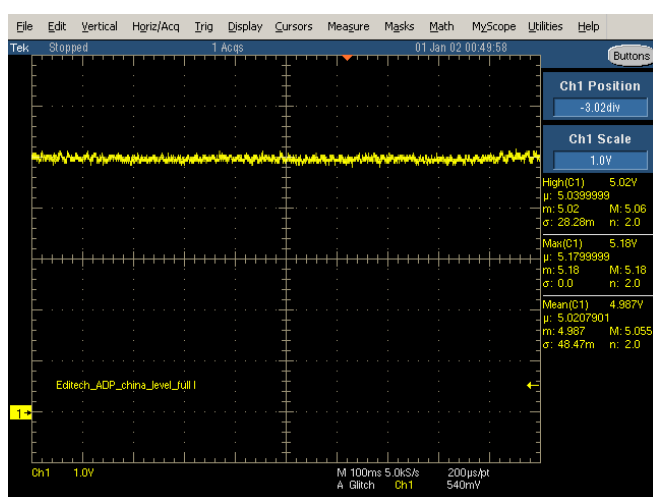


Fig. 1: PP_PWR_IN



Fig. 2: PP_PWR_IN

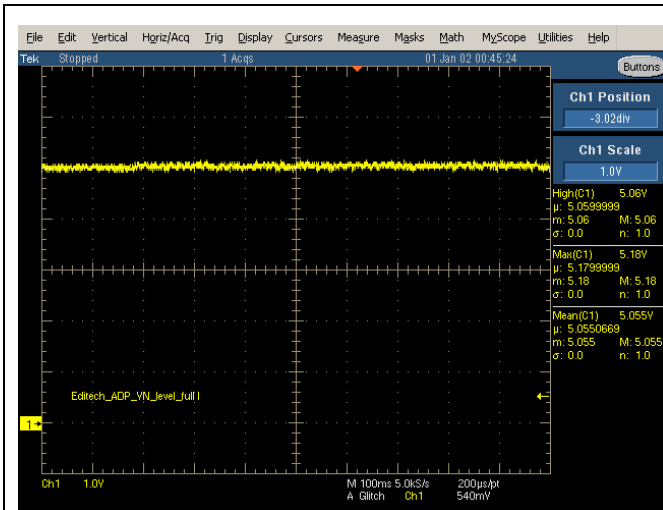


Fig. 3: PP_PWR_IN

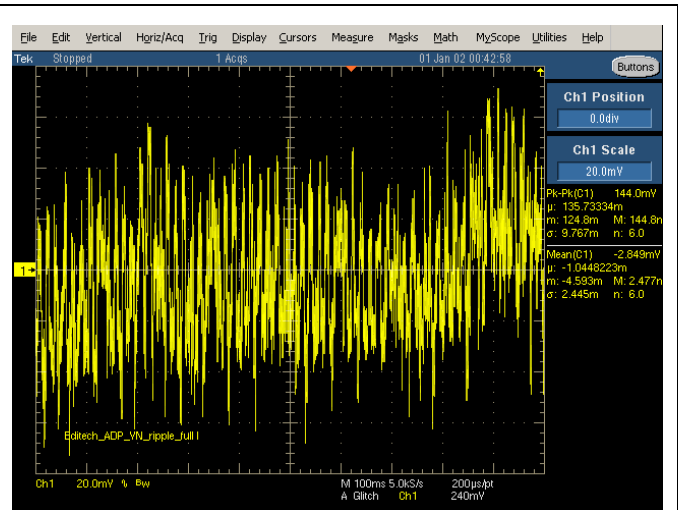


Fig. 4: PP_PWR_IN

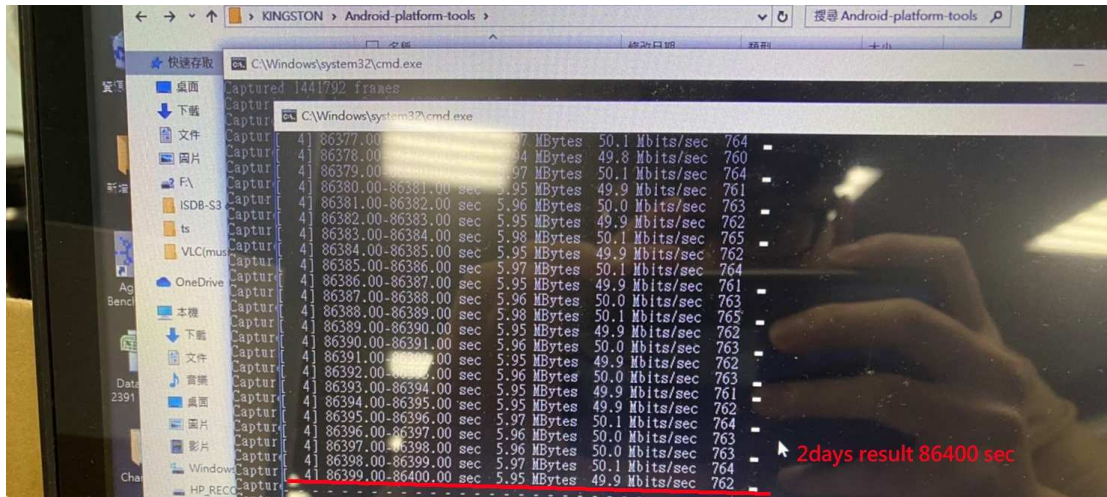
1.3 Actual environment



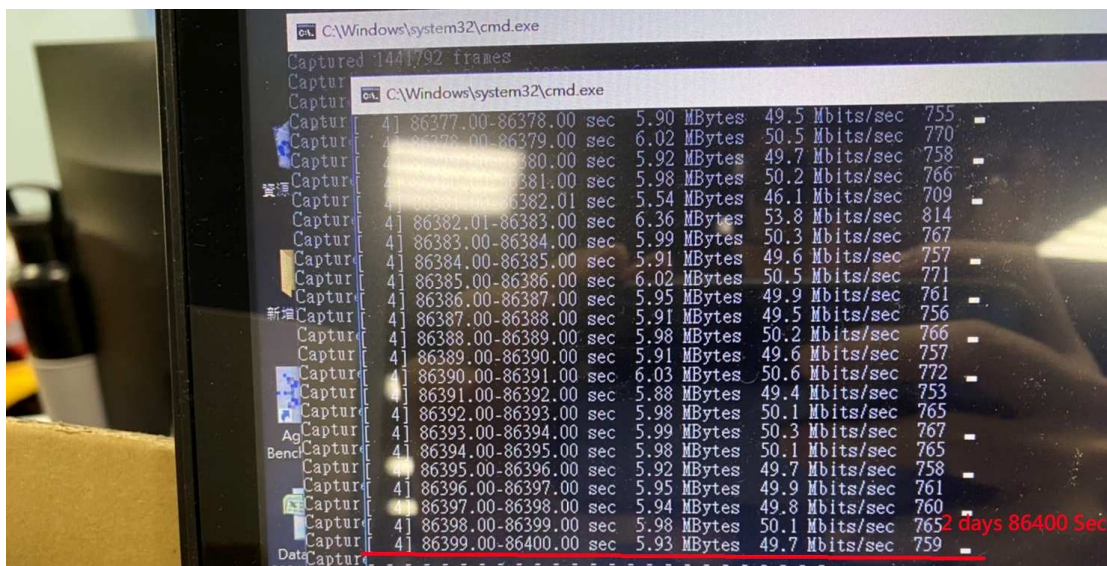
1.4 Stress test

Apply above test environment, and run iperf for 2 days, verify that TV is still playing 4K video and iperf is running too.

TYPE2541(China):



TYPE2541(Vietnam):



1.5 Conclusion

After 2 days of testing, video and iperf still running, conclude the TYPE2541(China) and TYPE2541(Vietnam) reliability test is PASS.

	Reliability test
TYPE2541(China)	PASS
TYPE2541(Vietnam)	PASS