

Statement

Test Data Explanation Summary

a):Introduction:

FCC ID being referenced: FCC ID: 2ACCJB092

The equipment class(s):DTS, JBP,PCB

Rule parts: FCC Part 15C, 15B, 22H, 24E, 27

Frequency bands:

Wi-Fi: 2.412GHz~2.462GHz

GSM850:

TX 824MHz~849MHz RX 869MHz~894MHz

PCS1900:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

WCDMA 850:

TX 824MHz~849MHz RX 869MHz~894MHz

WCDMA 1700:

TX: 1710MHz~1755MHz RX 2110MHz~2155MHz

WCDMA 1900:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

LTE Band 2:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

LTE Band 4:

TX: 1710MHz~1755MHz RX 2110MHz~2155MHz

LTE Band 5:

TX 824MHz~849MHz RX 869MHz~894MHz

LTE Band 7:

TX 2500MHz~2570MHz RX 2620MHz~2690MHz

LTE Band 12:

TX 698 ~ 716 MHz RX 728 ~ 746MHz

LTE Band 13:

TX 777 ~ 787 MHz RX 746 ~ 756MHz

LTE Band 17:

TX 704 ~ 716 MHz RX 734 ~ 746MHz

LTE Band 66:

TX: 1710MHz~1780MHz RX 2110MHz~2200MHz

b) Explain the Differences:

The PCB layout is not modified, while the B4 TX & RX SAW Filter is changed to B66 TX & RX SAW Filter.

c) Spot Check Verification Data Section:

spot-check test data compared to the reference test data, worst case results:

FCC Rules	Test Items	Reference test value	Spot-check test value
15.247 (a) (2)	6dB DTS bandwidth measurement	35.02MHz	34MHz
15.247 (b) (3)	Maximum Peak Conducted Power	18.88dBm	18.65dBm
22.913 24.232	Effective Radiated Power of	28.3dBm	28.0dBm

TCL Communication Ltd.

7/F, Block F4, TCL International E City Zhong Shan Yuan Road, Nanshan District Shenzhen, China.

27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Transmitter		
22.917(b) 24.238(b) 27.53	Occupied Bandwidth	17.885MHz	17.837MHz
22.355 24.235 27.54	Frequency Stability	31.32Hz	-61.37Hz
15.107	Conducted Disturbance	54.7 dB μ V	49.2 dB μ V
15.109	Radiation Emission	55.8dB μ V/m	52.1dB μ V/m

spot check verification results show that the referenced test data is still valid for the new variant.

d) Reference Section:

Test Data cross Summary

FCC Rules	Test Items	Original Test Report :WT178002938 FCC ID: 2ACCJB092	New Test Report FCC ID: 2ACCJB106
15.247 (a) (2)	6dB DTS bandwidth measurement	v	v (Full re-tested)
15.247 (b) (3)	Maximum Peak Conducted Power	v	v (Full re-tested)
15.247 (3)	Maximum Power Spectral Density Level	v	x
15.247 (d)	Conducted Bandedge and Spurious	v	x
15.247 (d) 15.209 15.205	Radiated Bandedge and Spurious	v	x
15.207	Conducted emission test for AC power port	v	x
15.107	Conducted Disturbance	v	v (Full re-tested)
15.109	Radiation Emission	v	v (Full re-tested)
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Effective Radiated Power of Transmitter	v	v (Full re-tested)
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Conducted Power of Transmitter	v	Only tested LTE B66 & WCDMA B4
22.913 24.232 27.50 (b)	Peak to Average Radio	v	Only tested LTE B66 & WCDMA B4

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27.50(c) 27.50(d) 27.50(h)			
22.917(b) 24.238(b) 27.53	Occupied Bandwidth	v	v (Full re-tested)
22.917 24.238 27.53	Spurious Emission at Antenna Terminal	v	Only tested LTE B66 & WCDMA B4
22.917 24.238 27.53	Radiated Spurious Emissions	v	Only tested LTE B66 & WCDMA B4
22.355 24.235 27.54	Frequency Stability	v	v (Full re-tested)

We takes full responsibility that the test data as referenced per KDB 484596 represents compliance for the new FCC ID.



Zhizhou Gong / Product Manager**TCL Communication Ltd.**

Tel: +8675536611722

Fax: +8675536612000-81722

E-mail: zhizhou.gong@tcl.com