



# Huawei Technologies Co., Ltd.

## Justification Letter

Date (March 19, 2018)

BABT TCB  
Balfour House,  
Churchfield Road,  
Walton-on-Thames,  
Surrey,  
KT12 2TD

Dear Sir or Madam,

We,

Huawei Technologies Co., Ltd.  
Bantian, Longgang District, Shenzhen, 518129, China

hereby to do the original application justification on FCC application: Smart Phone, Model: ATU-L21, FCC ID: QISATU-L21 as following:

ATU-L21 is a middle and high end three mode mobile phone researched and developed independently by HUAWEI based on the MSM8917 chipset produced by Qualcomm incorporated. It supports LTE band 5/7, WCDMA band 2/5, GSM/GPRS/EDGE 850/1900, Bluetooth and 2.4G Wi-Fi function.

The mobile phone model: ATU-L11 (FCC ID: QISATU-L11) is a Smart Phone. The differences between ATU-L21 and ATU-L11 are showed in the following table. The differences lie in ATU-L21 delete NFC function and the appearance dimension size is different. Others are same.



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		Model: ATU-L21	Model: ATU-L11
Licensed Frequency	LTE BAND	B5/B7	B5/B7
	UMTS BAND	B2/B5	B2/B5
	GSM	B2/B5	B2/B5
	Antenna	Same	Same
Unlicensed Frequency	Bluetooth	4.2	4.2
	2.4G Wi-Fi	Same	Same
	NFC	Not support	Support
	Antenna	Same	Same
Hardware	Ram / Rom	Same	Same
	PCB	Same	Same
	USB Port	Same	Same
Appearance	Dimension	152.4*73*7.8	152.4*73*8.05
Accessory	Battery	Same	Same
	ExternalCharger	Same	Same
	USB label	Same	Same
	Earphone	Same	Same
others	fingerprint	Not support	Not support
	Camera	Same	Same

So in this FCC application for Smart Phone, ATU-L21, FCC ID: QISATU-L21

New Test report R1802H0029-E1 for FCC Part 15B have been submitted, and radiated emission test data are new test data, conducted emission test data were reference from 15B test report R1802H0028-E1 of ATU-L11 (FCC ID: QISATU-L11) and this report according to Part 15B is valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21.

Test data in report R1802H0029-R5 for Bluetooth (DSS part) refer from report R1802H0028-R6 in FCC application for ATU-L11 (FCC ID: QISATU-L11), and this data according to Part 15C remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21.

Test data in report R1802H0029-R4 for Bluetooth Low Energy and 2.4G Wi-Fi(DTS part) refer from report R1802H0028-R5 of FCC application ATU-L11 (FCC ID: QISATU-L11), and this data according to Part 15C remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21.

Test data except radiated spurious emission in report R1802H0029-R1 for GSM850, WCDMA band 5 and LTE band 5 refer from report R1802H0028-R1 of FCC application ATU-L11 (FCC ID: QISATU-L11), and this data according to Part 22H remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21. New test data of spurious emission was submitted in test report R1802H0029-R1.



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Test data except radiated spurious emission in report R1802H0029-R2 for PCS1900, WCDMA band 2 and LTE band 2 refer from report R1802H0028-R2 of FCC application ATU-L11 (FCC ID: QISATU-L11), and this data according to Part 24E remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21. New test data of spurious emission was submitted in test report R1802H0029-R2.

Test data except radiated spurious emission in report R1802H0029-R3 for LTE band 7 refer from report R1802H0028-R3 of FCC application ATU-L11 (FCC ID: QISATU-L11), and this data according to Part 27 remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21. New test data of spurious emission was submitted in test report R1802H0029-R3.

Test data in report R1802H0029-S1 for SAR refer from report R1802H0028-S1 in FCC application for ATU-L11 (FCC ID: QISATU-L11), and this data remains valid and applicable and they are representative of the compliance of ATU-L21, FCC ID: QISATU-L21. But SAR test were repeated on ATU-L21, FCC ID: QISATU-L21 on worst case of each transmitter band based on the test result of ATU-L11 (FCC ID: QISATU-L11).

Sincerely,

For and Behalf of:  
Huawei Technologies Co., Ltd.

A handwritten signature in black ink that reads "Zhang Xinghai".

Zhangxinghai  
EMC Laboratory Manager