

FOXX Development Inc.

Date: 2024.6.27

Company: FOXX Development Inc.

Address: 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA

Product Name: Smart phone

Model Number(s): A56

Dear Sir/ Madam,

This purpose of this filing is to request an **EQUIPMENT MODIFICATION / REASSESSMENT** for FCC ID: 2AQRM-A56 originally Certified on [Date: 2024-1-16]

The change under this application is for the following reasons:

SAR Retest GSM 850/1900, WCDMA B2/5, LTE B2/5, added B25/26 band.

RF Retest GSM 850/1900,WCDMA B2/5, LTE B2/5 ERP/EIRP/Radiated spurious emission testing, Add B25/26 band testing.

Part 15B Add full test for LTE B25/26 band two Sim card mode

Description	Re-testing item	Remark
ERP/EIRP/Radiated spurious emission for PCE test report	Need testing	The Original FCC testing under FCC ID: 2AQRM-A56 enabled LTE B25/26 and change passive filters and Change to dual SIM card. Therefore, additional ERP/EIRP/ Radiated spurious emission testing for GSM 850/1900, WCDMA B2/5, LTE B2/5 is necessary, add full test for LTE B25/26 band
SAR test report	Need testing	SAR needs to retest GSM 850/1900, WCDMA B2/5, LTE B2/5, add B25/26 band
Part 15B	Need testing	Add full test for LTE B25/26 band two Sim card mode
BOM/ Schematic Diagram	Provided	Already Provided
Antenna info	Provided	Already Provided
Operational Description	Provided	Already Provided
External/ Internal Photos	Provided	Already Provided
Tune Up	Provided	Already Provided

- a. We declare that this variant device does not increase the RF output power for all RF parts, and PCB layout are not changed and replaced the passive filters.
- b. Only software added LTE B25/26
- c. Replaced the passive filters of the relevant band (pin to pin)
- d. Change to dual SIM card

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Frequency band	transformation situation	bit number	Use value before	Now use the value	Specifications
Band2/25	Replace material	U0716	SFXG80CUD02	RSFD1902C	1814
U0712	Delete Item	U0712	HDDBO8CNSS-B11	NC	1814
band5/26	Replace material	U0701	HDDBO5CNSS-B11	NDFE031-0831XA	1814
	Replace material	U0805	NDFH005-0881SA	NDFH052-0876SA	1109
Add B25/B26 at the request of the customer, change the material as above, other no change					

e. SW/HW

	SW	HW
Original	Android_FOXXD_A56_V1.0	E64D_V1.1
New	Android_FOXXD_A56_A_V1.0_20240622	(sharing)

f. No increase in transmit power level.

Tune Up Procedure Update GSMB2/5,WCDMAB2/5,LTE B2/5, increased LTE B25/26.

g. No change in antenna, only increased LTE B25/26 antenna gain.

Different	original	variant
Antenna Gain	GSM 850: 0.3dBi GSM 1900: 1.74dBi WCDMA B2: 1.74dBi WCDMA B4: 1.35dBi WCDMA B5: 0.3dBi LTE Band 2: 1.74dBi, LTE Band 4: 1.35dBi, LTE Band 5: 0.3dBi, LTE Band 7: 1.76dBi, LTE Band 12: -0.25dBi, LTE Band 17: -0.25dBi, LTE Band 41: 2.19dBi, LTE Band 66: 1.35dBi, LTE Band 71: -0.25dBi	GSM 850: 0.3dBi GSM 1900: 1.74dBi WCDMA B2: 1.74dBi WCDMA B4: 1.35dBi WCDMA B5: 0.3dBi LTE Band 2: 1.74dBi, LTE Band 4: 1.35dBi, LTE Band 5: 0.3dBi, LTE Band 7: 1.76dBi, LTE Band 12: -0.25dBi, LTE Band 17: -0.25dBi, LTE Band 25: 1.74dBi, LTE Band 26: 0.3dBi, LTE Band 41: 2.19dBi, LTE Band 66: 1.35dBi, LTE Band 71: -0.25dBi

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KDB 178919 D01 Permissive Change Policy v06 Requirements

Requirements	Remark
No hardware changes have been made	Yes, not change PCB and main chips and circuits
There is no increase in the output power rating on new frequencies	Yes, the output power rating are less than original max power
The Equipment Class remains the same.	Yes, the same Equipment Class are JBP/PCE
RF exposure changes must be addressed	Yes, the new SAR test report is provided
Only the original equipment manufacturer may implement the new frequencies	Yes, original equipment manufacturer will apply C2PC
There are no other changes to the device that indicate a need for a new FCC ID	Yes, We updated the SW version to enable B25/26, so we replaced the original passive filter, the replaced components include U0716, U0701 and U0805 and remove U0712 for RF circuit matching, these new components are pin to pin as the original ones, the PCB is the same, the main RF chip is also the same, and the peripheral circuit is changed to SIM dual card, Such changes are considered electrically identical(KDB 178919 D01 chapter III C footnote5)

Name: Xiangyu Zeng

Date: 2024-6-27

Title: product manager

Signature of applicant

