

Product Change Description

FEDERAL COMMUNICATIONS COMMISSION

Authorization and Evaluation Division

7435 Oakland Mills Rd

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U.S.A.

To whom it may concern,

FCC ID: 2AH25T6900

Grant date: 09/05/2019

As the applicant of the below model, [Shanghai Sunmi Technology Co.,Ltd.] declares that the product,

Model Name: T6900

Shanghai Sunmi Technology Co.,Ltd.

HW: B1691_MAIN_PCB_V1.1

SW: V1.0.2

is the variant of the initial certified product,

Model Name: T6900

Shanghai Sunmi Technology Co.,Ltd.

HW: B1691_MAIN_PCB

SW: V1.0.1

SOFTWARE MODIFICATIONS:

Protocol Stack changes: NO

MMS/SUPL changes: NO

STK/USAT changes: NO

Browsing changes: NO

Other changes detailed: YES

1. Software adjustment were made to be compatible with the backup LCD Display.
2. Software adjustment were made to be compatible with the backup Camera.
3. Software adjustment were made to be compatible with the backup CPU (MT8765V/WA) .
4. Software adjustment were made to be compatible with the backup memory.
5. Software adjustment were made to be compatible with the MH1902T chip.
6. Software adjustment were made to be compatible with the NFC chip FM17660.

The software changes have no import on the RF performance.

The tests that were performed supporting this statement.

HARDWARE MODIFICATION:

- a. Add a backup NFC antenna(model:SH19038IB100-6). It is the same as the

- original model but from another supplier. The type and gain (impedance) is the same.
- b. A backup CPU (model:MT8765V/WA) was added. This chip is pin compatible. It is the same chip but an updated revision from V1.0 to V1.1. This chip handles BT, Wlan, GPS and GSM/WCDMA/LTE. So it is RF relevant.
 - c. A backup 27.12MHz Crystal (model: SX20Y027120BA1T) for NFC part was added.
 - d. The MCU was changed from model MH1902 BGA121 to model MH1902T BGA121. This chip is not pin compatible. Therefore also PCB design changes were done to make it compatible with the different pin layout. This μ C is not part of any transmitter.
 - e. The applicant added a backup NFC chip (model: FM17660) the chip is pin compatible. Since it is handling NFC transmission it is RF relevant.
 - f. The applicant added a backup LCD display (model: LMFBH055100970).
 - g. The applicant added a backup camera (model: LH-XC-5035COM-B1691-V9.0)
 - h. The applicant added a backup battery (model: F50024MA)

Radio and EMC tests were done to check that the RF performance and RF emissions are not affected and to make sure the device is still conform to the eCFR.

Other changes:

- a. The applicant has added a backup PCB supplier (ZHIHAO).
- b. On the battery label the KC and PSE logo was added.
- c. The AC Adaptor supplier added a vendor logo to its label.

Comment:

The new Variant T6900 with the software version V1.0.2 and the hardware version B1691_MAIN_PCB_V1.1 that was used for C2PC tests includes all changes above.

APPROVED BY:

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Date:2022/1/11

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