

Declaration of changes from Initial 8496G (model name) to Variant 8196G (model name)

General: 8196G is a variant product of 8496G:

● SOFTWARE MODIFICATIONS:

- OS update (e.g. from Android 12 to 13) / change (e.g. from Android to other OS) : No
- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: **Yes**
- DM/SUPL/VT/FUMO/SWP/HCI: **Yes**
- Other changes detail: **Add telecom related feature**

● HARDWARE MODIFICATIONS:

➢ Baseband changes: **No**

➢ Band changes: **Yes** Main bands for conformance testing changes (Yes/No): **No**

| Product | GSM | UMTS | LTE |
|---------|-------------------------------|----------------|---|
| 8496G | NA | NA | NA |
| 8196G | 850MHz/900MHz/1800MHz/1900MHz | B1/B2/B4/B5/B8 | B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B28/ B34/B38/B39/B40/B41/B66 |

➢ PCB layout/material changes: **NO**

➢ Main components changes: (备注: 如下的频段列表是variant model 的频段, 后面的器件是与原型机的器件对比结果: 如果是新增的频段, 那么器件变化的部分是new; 如果是相同band的器件变化了, 就是填写new)

| GSM | Base Band | Antenna | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|----------|-----------|------------|-------------|------------|-----------------|---------------|------------------------------|
| GSM 850 | NO | New | New | New | New | New | New |
| GSM 900 | NO | New | New | New | New | New | New |
| GSM 1800 | NO | New | New | New | New | New | New |
| GSM 1900 | NO | New | New | New | New | New | New |

| UMTS | Base Band | Antenna | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|---------------|-----------|------------|-------------|------------|-----------------|---------------|------------------------------|
| UMTS FDD I | NO | New | New | New | New | New | New |
| UMTS FDD II | NO | New | New | New | New | New | New |
| UMTS FDD IV | NO | New | New | New | New | New | New |
| UMTS FDD V | NO | New | New | New | New | New | New |
| UMTS FDD VIII | NO | New | New | New | New | New | New |

| LTE | Base Band | Antenna | Transceiver | ASM | Power Amplifier | Tx SAW Filter | Rx SAW Filter (SAW Duplexer) |
|---------|-----------|------------|-------------|------------|-----------------|---------------|------------------------------|
| LTE B1 | NO | New | New | New | New | New | New |
| LTE B2 | NO | New | New | New | New | New | New |
| LTE B3 | NO | New | New | New | New | New | New |
| LTE B4 | NO | New | New | New | New | New | New |
| LTE B5 | NO | New | New | New | New | New | New |
| LTE B7 | NO | New | New | New | New | New | New |
| LTE B8 | NO | New | New | New | New | New | New |
| LTE B12 | NO | New | New | New | New | New | New |
| LTE B13 | NO | New | New | New | New | New | New |
| LTE B17 | NO | New | New | New | New | New | New |
| LTE B20 | NO | New | New | New | New | New | New |
| LTE B28 | NO | New | New | New | New | New | New |
| LTE B34 | NO | New | New | New | New | New | New |
| LTE B38 | NO | New | New | New | New | New | New |
| LTE B39 | NO | New | New | New | New | New | New |
| LTE B40 | NO | New | New | New | New | New | New |
| LTE B41 | NO | New | New | New | New | New | New |

| Other Radio | Antenna | AP | MODEM | Transceiver | Balun | Band pass filter | Triplexer |
|-------------|------------|----|-------|-------------|-------|------------------|-----------|
| Bluetooth | New | No | No | No | No | No | No |
| Wi-Fi | New | No | No | No | No | No | No |

- FM changes: NO
- GPS changes: NO
- Memory/TP/LCD/ Camera changes: NO
- Other changes detailed: **Antenna design changes (WiFi & BT)**

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: NO
- Mechanical shell changes: NO
- Whole size of EUT: NO
- Distance of Ear reference point to bottom of handset: NO
- Other trinkets to change the surface of handset: NO
- Other changes detailed: NO

● **Accessory changes:**

- Use new charger/battery/headset/USB cable: NO

● **Update of standards:** NO

APPROVED BY:

Project Manager:

Signature:

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