

Declaration of changes from TA-1536 to TA-1541

All differences do not affect WIFI

• SOFTWARE MODIFICATIONS:

- Protocol Stack changes: **no change**
- MMS/STK/USAT/USIM changes: **no change**
- DM/SUPL/VT/FUMO/SWP/HCI: **no change**
- Other changes detail: NA

• HARDWARE MODIFICATIONS:

- Baseband changes: NO
- Band changes: NO

product	GSM	UMTS	LTE	5G NR SA	5G NR NSA
TA-1536	850/900/1800/1900	B1/2/4/5/8	B1/2/3/4/5/7/8/12/17/13/28/66	NA	NA
TA-1541	850/900/1800/1900	B1/2/4/5/8	B1/2/3/4/5/7/8/12/17/13/28/66	NA	NA

- Antenna changes: NO
- PCB Layout changes: NO
- Main components changes:

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

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

	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
LTE B1	NO	NO	NO	NO	NO	NO
LTE B2	NO	NO	NO	NO	NO	NO
LTE B3	NO	NO	NO	NO	NO	NO
LTE B4	NO	NO	NO	NO	NO	NO
LTEB5	NO	NO	NO	NO	NO	NO
LTEB5	NO	NO	NO	NO	NO	NO
LTEB5	NO	NO	NO	NO	NO	NO
LTE B12	NO	NO	NO	NO	NO	NO
LTE B13	NO	NO	NO	NO	NO	NO
LTEB20	NO	NO	NO	NO	NO	NO
LTE B25	NO	NO	NO	NO	NO	NO
LTE B26	NO	NO	NO	NO	NO	NO
LTEB28	NO	NO	NO	NO	NO	NO
LTEB38	NO	NO	NO	NO	NO	NO
LTEB39	NO	NO	NO	NO	NO	NO
LTEB40	NO	NO	NO	NO	NO	NO

LTEB41	NO	NO	NO	NO	NO	NO
LTE B66	NO	NO	NO	NO	NO	NO
LTE B71	NO	NO	NO	NO	NO	NO

	Base Band	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
NR n25	No	No	NO	NO	NO	NO
NR n41	NO	NO	NO	NO	NO	NO
NR n66	NO	NO	NO	NO	NO	NO
NR n71	NO	NO	NO	NO	NO	NO
NR n77	NO	NO	NO	NO	NO	NO

	Antanna	AP	MODEM	Transceiver	Balun	Band pass filter	diplexer
Bluetooth	NO	NO	NO	NO	N/A	NO	NO
wifi	NO	NO	NO	NO	N/A	NO	NO

	Initial model	variant
LTE CA	NO	NO
5G EN-DC	NO	NO
5G NR-CA	NO	NO

- FM changes: NO
- GPS changes: NO
- Other components changes: NO
- TP/LCD/ Camera changes: NO
- Other changes detailed:NA

● MECHANICAL MODIFICATIONS:

- Use new metal front/back cover or keypad: NO
- Mechanical shell changes: NO
- Whole size of EUT: 164.6*75.89*8.55 mm
- Distance of Ear reference point to bottom of handset: 164.6 mm
- Other trinkets to change the surface of handset:NO
- Other changes detailed: TA-1536 is dual card, TA-1541 is single card, and functions are realized through software

APPROVED BY:



Name: Reza Serafat
Position: General Manager, Quality and Customer Compliance
Tel: +491735287964
Fax: +358452133756



HMD Global Oy
Bertel Jungin aukio 9
02600 Espoo

Tel +358 86 4213499
Fax +358 45 2133756

E-mail: reza.serafat@hmdglobal.com