

Declaration of changes from Initial to Variant

General: 6039S is a variant product of 6039A

● SOFTWARE MODIFICATIONS:

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: No (indicated the changed items if yes)
- Other changes detailed: Adding UMTS 1700, LTE 5, LTE 12 and LTE 17.

● HARDWARE MODIFICATIONS:

- Band changes: Yes
GSM 850/900/1800/1900
UMTS 850/1900/AWS/2100
LTE FDD: B2/4/5/7/12/17
- PCB Layout changes: No
- Main RF components changes:

	Antenna	AP	Modem	Transceiver	Power Amplifier	Rx SAW Filter	ASM
GSM850	No	No	No	No	No	No	No
GSM900	No	No	No	No	No	No	No
GSM1800	No	No	No	No	No	No	No
GSM1900	No	No	No	No	No	No	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Tx SAW Filter	Duplexer	ASM
UMTS2100	No	No	No	No	No	No	No	No
UMTS1900	No	No	No	No	No	No	No	No
UMTS1700	No	No	No	No	No	No	No	No
UMTS850	No	No	No	No	No	No	No	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Tx SAW Filter	Rx SAW Filter	Duplexer	ASM
LTE Band 2	NO	No	No	No	No	No	No	No	No

LTE Band 4	NO	No	No	No	No	No	No	No	No
LTE Band 5	NO	No	No	No	No	No	No	No	No
LTE Band 7	NO	No	No	No	No	No	No	No	No
LTE Band 12	NO	No	No	No	No	No	Yes	Yes	No
LTE Band 17	NO	No	No	No	No	No	Yes	Yes	No

	Antenna	AP	Modem	Transceiver	Power Amplifier	Balun	Band pass filter	Diplexer
Bluetooth	No	No	No	No	No	No	No	No
Wi-Fi	No	No	No	No	No	No	No	No

- FM changes: No
- LCD/ Speaker/ Camera/ Vibrator changes: No (indicated the changed items if yes)
- Other changes detailed:

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: No
- Mechanical shell changes:
 - 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:

APPROVED BY:

Project Manager:

Signature:

Date:

Daniel ji
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