RUT850 Power Consumption

RUT850 power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (9 V)	**113**	**1.20**
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (12 V)	**106**	**1.27**
No SIM card inserted + GPS turned off + no device connected via WiFi + LED indication turned off (24 V)	**53**	**1.27**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + GPS on + no device connected via WiFi + LED indication turned off (9 V)	**210**	**1.89**
Mobile data on [1] + GPS on + no device connected via WiFi + LED indication turned off (12 V)	**159**	**1.91**
Mobile data on [1] + GPS on + no device connected via WiFi + LED indication turned off (24 V)	**81**	**1.94**

Test type	Current (mA)	Power consumption (W)
Sleep mode (9 V)	**21**	**0.19**
Sleep mode (12 V)	**16**	**0.19**
Sleep mode (24 V)	**9**	**0.22**

Test type	Current (mA)	Power consumption (W)
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (9 V)	**740**	**6.67**
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (12 V)	**570**	**6.84**
GPS on + 1 device connected via WiFi + max speed LTE transmission + LED indication turned on (24 V)	**288**	**6.91**

[1] - Only mobile data connection established with no additional traffic.
Power consumption may differ due to mobile data transmission speed, testing environment and conditions.