RUT950 Power Consumption

RUT950 power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
Idle, no SIM card inserted (9 V)	**164**	**1.48**
Idle, no SIM card inserted (12 V)	**130**	**1.56**
Idle, no SIM card inserted (24 V)	**71**	**1.70**

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on [1] (9 V)	**178**	**1.60**
Idle + mobile data on [1] (12 V)	**137**	**1.64**
Idle + mobile data on [1] (24 V)	**78**	**1.87**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + 1 LAN device connected [2] (9 V)	**208**	**1.87**
Mobile data on [1] + 1 LAN device connected [2] (12 V)	**158**	**1.90**
Mobile data on [1] + 1 LAN device connected [2] (24 V)	**88**	**2.11**

Test type	Current (mA)	Power consumption (W)
4 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (9 V)	**613**	**5.52**
4 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (12 V)	**462**	**5.54**
4 LAN devices connected [2] + high CPU load [3] + max speed LTE transmission + data transfer via WiFi (24 V)	**245**	**5.88**

[1] - Only mobile data connection established with no additional traffic.
[2] - Data streams between RUT950 and other connected LAN devices created using iPerf.
[3] - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).
Power consumption may differ due to mobile data transmission speed, testing environment and conditions.