Template:Networking rutx09 manual power consumption table

Test type	Current (mA)	Power consumption (W)
Idle, no SIM card inserted (9 V)	**148**	**1.33**
Idle, no SIM card inserted (12 V)	**111**	**1.33**
Idle, no SIM card inserted (24 V)	**59**	**1.42**

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on [1] (9 V)	**155**	**1.40**
Idle + mobile data on [1] (12 V)	**117**	**1.40**
Idle + mobile data on [1] (24 V)	**61**	**1.46**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + 1 LAN device connected [2] (9 V)	**189**	**1.70**
Mobile data on [1] + 1 LAN device connected [2] (12 V)	**144**	**1.73**
Mobile data on [1] + 1 LAN device connected [2] (24 V)	**76**	**1.82**

Test type	Current (mA)	Power consumption (W)
Max speed LTE transmission + 4 LAN devices connected [2] + high CPU load [3] + GPS on + USB device connected [4] (9 V)	**890**	**8.01**
Max speed LTE transmission + 4 LAN devices connected [2] + high CPU load [3] + GPS on + USB device connected [4] (12 V)	**667**	**8.00**
Max speed LTE transmission + 4 LAN devices connected [2] + high CPU load [3] + GPS on + USB device connected [4] (24 V)	**338**	**8.11**

[1] - Only mobile data connection established with no additional traffic.
[2] - Data streams between RUTX09 and other connected LAN devices created using iPerf.
[3] - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).
[4] - USB device with ~ 300 mA current draw.
Power consumption may differ due to mobile data transmission speed, testing environment and conditions.