RUT301 Power Consumption

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RUT301 power consumption values in different states of operation are represented in the table(s) below:

Test type	Current (mA)	Power consumption (W)
Idle (9 V)	**59**	**0.53**
Idle (12 V)	**46**	**0.55**
Idle (24 V)	**31**	**0.744**

Test type	Current (mA)	Power consumption (W)
2 LAN devices connected [1] (9 V)	**78**	**0.7**
2 LAN devices connected [1] (12 V)	**62**	**0.74**
2 LAN devices connected [1] (24 V)	**40**	**0.96**

Test type	Current (mA)	Power consumption (W)
5 LAN devices connected [1] + high CPU load [2] + USB device connected [3] (9 V)	**413**	**3.71**
5 LAN devices connected [1] + high CPU load [2] + USB device connected [3] (12 V)	**305**	**3.66**
5 LAN devices connected [1] + high CPU load [2] + USB device connected [3] (24 V)	**159**	**3.82**

[1] - Data streams between RUT300 and other connected LAN devices created using iPerf.

[2] - Load created using *md5sum* (calculation and verification of 128-bit MD5 hashes).

[3] - USB device with ~ 300 mA current draw.

Power consumption may differ due to mobile data transmission speed, testing environment and conditions.