Template:Networking trb140 faq power consumption table

Test type	Current (mA)	Power consumption (W)
Idle, no SIM card inserted (9 V)	**62**	**0.56**
Idle, no SIM card inserted (12 V)	**46**	**0.55**
Idle, no SIM card inserted (24 V)	**24**	**0.58**

Test type	Current (mA)	Power consumption (W)
Idle + mobile data on [1] (9 V)	**91**	**0.82**
Idle + mobile data on [1] (12 V)	**65**	**0.78**
Idle + mobile data on [1] (24 V)	**33**	**0.79**

Test type	Current (mA)	Power consumption (W)
Mobile data on [1] + 1 LAN device connected [2] (9 V)	**172**	**1.55**
Mobile data on [1] + 1 LAN device connected [2] (12 V)	**131**	**1.57**
Mobile data on [1] + 1 LAN device connected [2] (24 V)	**68**	**1.63**

Test type	Current (mA)	Power consumption (W)
Max speed 5G (NSA) transmission + 1 LAN device connected [2] + high CPU load [3] (9V)	**482**	**4.34**
Max speed 5G (NSA) transmission + 1 LAN device connected [2] + high CPU load [3] (12 V)	**388**	**4.66**
Max speed 5G (NSA) transmission + 1 LAN device connected [2] + high CPU load [3] (24 V)	**198**	**4.75**

[1] - Only mobile data connection established with no additional traffic.
[2] - Data streams between TRB500 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.