Template:Networking trb500 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.