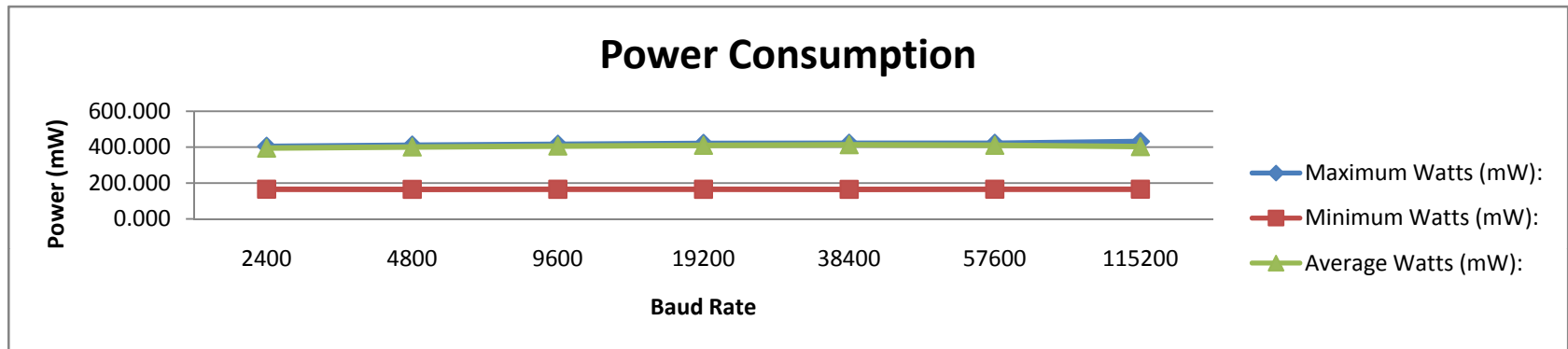


Test is designed to show the amount of power used by the SDR 2.0 as compared to the baud rate and time

Global Conditions

File size (bytes):	57683
Voltage DC:	12.00
SDR-OEM-CF (beta):	
Power supply:	Agilent E3611A, current limit at 560 mA
Ammeter:	Fluke 189, 400mA max. input, non-“fast” averaging
Voltmeter:	Fluke 189 1000DCV max. (voltage verified before and after tests)
Compact Flash:	Sandisk 256MB P/N AR0604Z9B SDCFJ
Firmware Version:	0.9.111207
Configuration Port:	Connected to PC
Data Port:	Connected to PC
Recording:	On
Configuration Port Baud Rate:	115200
Menu:	Passthrough mode

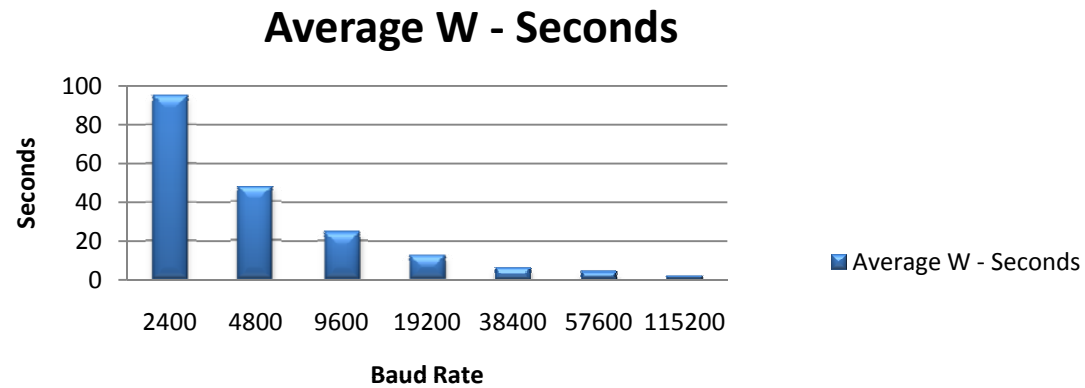
Baud Rate (Streaming)	Maximum Current (mA):	Minimum Current (mA):	Average Current (mA):	Time transferring (Seconds):
2400	33.682	13.754	32.87	240.346
4800	34.238	13.712	33.406	120.173
9600	34.655	13.733	33.83	60.086
19200	35.043	13.730	34.172	30.043
38400	35.118	13.706	34.446	15.022
57600	35.098	13.742	34.222	10.014
115200	35.926	13.741	33.561	5.007



Baud Rate (Streaming)	Maximum Watts (mW):	Minimum Watts (mW):	Average Watts (mW):	Time transferring (Seconds):
2400	404.184	165.048	394.440	240.346
4800	410.856	164.544	400.872	120.173
9600	415.860	164.796	405.960	60.086
19200	420.516	164.760	410.064	30.043
38400	421.416	164.472	413.352	15.022
57600	421.176	164.904	410.664	10.014
115200	431.112	164.892	402.732	5.007

Average W - Seconds

94.8020105
48.17395745
24.39269863
12.31964673
6.209214431
4.112557554
2.016561628



Amount of Watts used over the amount of
time to transfer the same file