

MM+ current draw findings

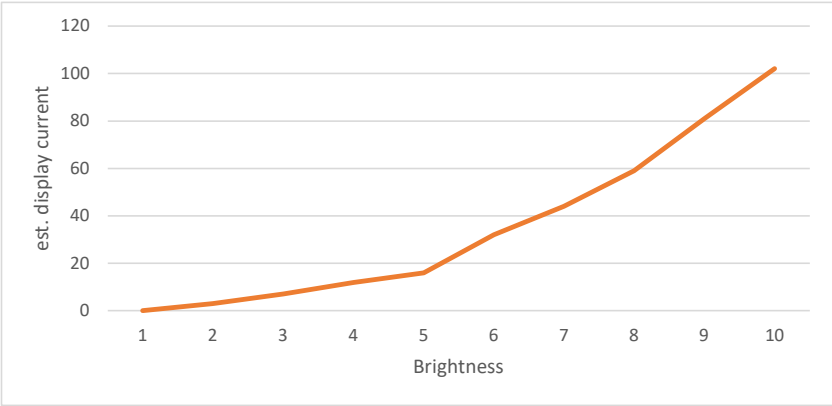
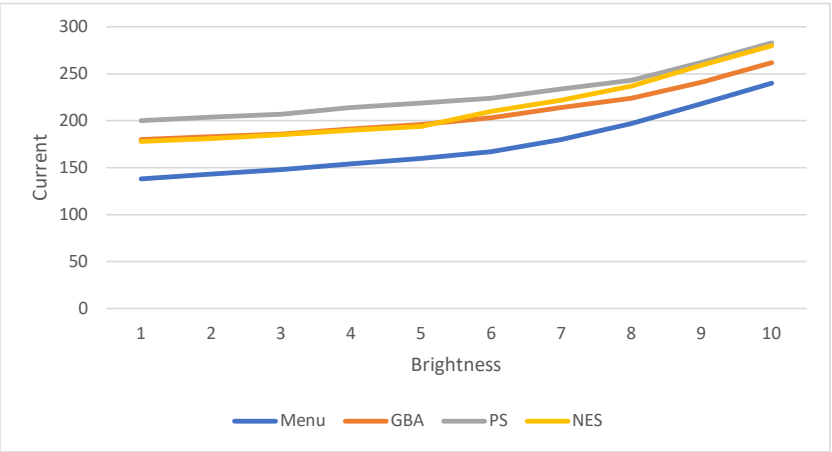
Voltage 4,03V

Brightness	Menu	GBA	PS	NES
1	138	180	200	178
2	143	183	204	181
3	148	186	207	185
4	154	191	214	190
5	160	196	219	194
6	167	203	224	210
7	180	214	234	222
8	197	224	243	237
9	218	241	262	259
10	240	262	283	280

all numbers are mA

Brightness	NES	-baseline	increase
1	178	0	
2	181	3	3
3	185	7	4
4	190	12	5
5	194	16	4
6	210	32	16
7	222	44	12
8	237	59	15
9	259	81	22
10	280	102	21

all numbers are mA



Games tested

Pokemon Emerald
Tekken 3
SMB3

WiFi on:

150mA first 20 seconds (connecting)
60mA on idle (connected)
back up to 150mA when transferring data

Conclusions:

Try to stay at display brightness 7 or lower
7 -> 10 equals ~25% total current increase!

Only turn on WiFi if you need it
WiFi on equals to ~25% total current increase!

Measured using UT210E
Accuracy +-2% + 3d

/r/Takia_Gecko