plasma radius

langmuir probe

Ball-pen probe

Tek58

$I_{probe}=(U\_current)/R_M$
(Tek64 -math#1)

$U_{probe}=U\_current+U\_bias$
(Tek64 -math#2)

Tek64-ch#1
U_bias
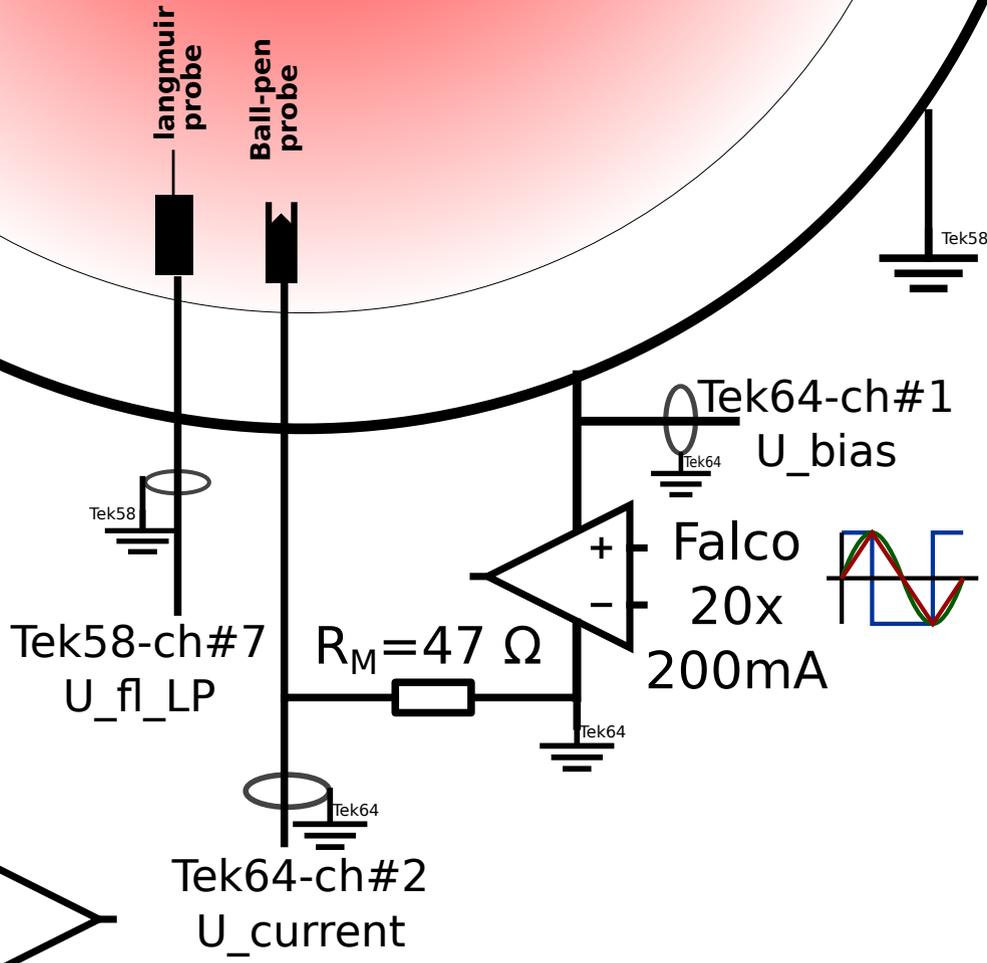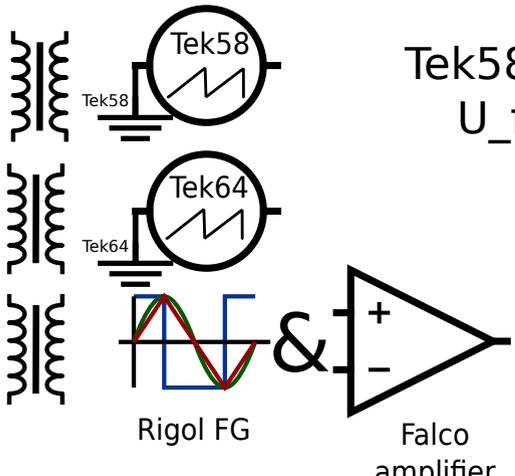
Function
Generator
RIGOL
u_fg, f_fg

Falco
20x
200mA

Tek64

$R_M=47\ \Omega$

Tek58

Tek58-ch#7
U_fl_LP

Tek58

Tek64

Electrical
grid

Tek64

Tek64-ch#2
U_current

Rigol FG

&

Falco
amplifier