

IC Test – GUI Program

- It was designed and tested successfully.
- Imaging/HIFU button : reset the current supply voltage to zero sequentially and set the voltage for the imaging\HIFU mode sequentially.
- Read : read the current voltage and current.
- Save data: Save the scope waveform for different CMUT bias voltage.

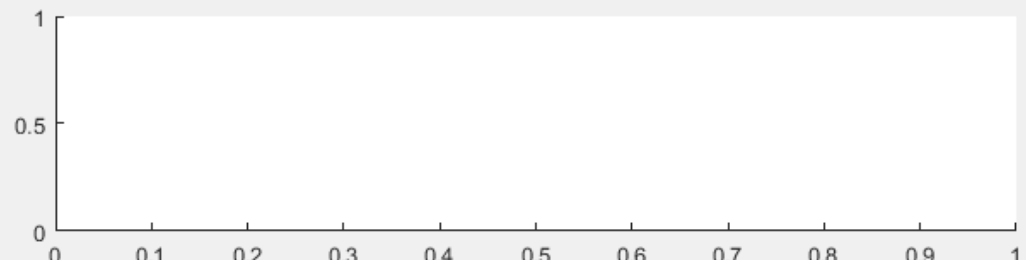
ky_gui_dualmode_GPIB

KY_GUI_DUAL_MODE_GPIB

Ji Hoon Jang (diazero@stanford.edu)

Dual-mode Imaging and HIFU

	GPIB	Voltage[V]	Current[A]			Imaging	HIFU
VDD_BRD	1	0	0	Set	Off	5	5
VDD_IC		0	0			5	5
HVDD-HVREF	2	0	0	Set	Off	4.5	0
HVREF		0	0			15.5	20
HVDD2	3	0	0	Set	Off	0	40
DC_BIAS2_CH1	4	0	0	Set	Off	0	5
DC_BIAS2_CH2		0	0			0	25
CMUT_HV	5	0	0	Set	Off	45	45
Temperature	6	0	Read Temp	Read	Off All	Imaging	HIFU



Scope Sample Size: 5000 RS_Scope[IP]: 171.64.84.150

CMUT_HV Start[V]: 15 End[V]: 45 Step[V]: 5 Channel Select: Ch1

Message: Control Power Supply for dual-mode operation

File Name:

save data