

Voltage Ramp Up/Down Test				
Mainframe Model	SY4527	Set Voltage		1500 V
Mainframe S/N	400	Ramp Up/Down Rate		25 V/s
Board Models	A7030TN	Max Current Set		1000 uA
Total Boards Tested	16	Load: 0 Ω	Vmax: 1800 V	IMon: ~ 0 uA
Total Channels Tested	576	Total # Ramp Up/Down per channel		1/1
Test Summary				
Board #	S/N	Channel	Comment	
0	304	2	"VSet" value changed from 1500 V to 1 V for no reason. Channel had an overvoltage condition (changes on GECO2020 and PV).	
0		35	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV)	
1	297	17	"Iset" value changed from 1000 uA to 0 uA for no reason. Channel tripped (Changes on GECO2020 and PV)	
2	324	7	"Vmax" and "VSet" changed from 1800 V to 1 V and 1500 V to 1 V for no reason. (changes on GECO2020 and PV).	
3	256	11	"Vmax" and "VSet" changed from 1500 V to 1 V for no reason. (changes on GECO2020 and PV).	
3		15	"Vset" and "Vmax" changed from 1500 V to 1 V and 1800 V to 1 V for no reason. Channel had an overvoltage condition (changes on GECO2020 and PV).	
4	173	24	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV)	
4		26	"Iset" value changed from 1000 uA to 1 uA for no reason (changes on GECO2020 and PV)	
4		31 / 34	"VRup" value changed from 25 V/s to 1 V/s (changes on GECO2020 and PV).	
6	301	34	"Vset" and "Vmax" values changed from 1500 V to 1 V and 1800 V to 1 V for no reason. Channel had an overvoltage condition (changes on GECO2020 and PV).	
6		3	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV)	
7	302	23	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV)	
8	184	2	"VRup" value changed from 25 V/s to 1 V/s (changes on GECO2020 and PV).	
8		34	"Vset" and "Vmax" values changed from 1500 V to 1 V and 1800 V to 1 V for no reason. (changes on GECO2020 and PV).	
8		28	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV)	
10	128	16	Spike noticed for "Vmon" value. Instant change noticed only on PV not in GECO2020	
11	337	10	"Vset" and "Vmax" values changed from 1500 V to 1 V and 1800 V to 1 V for no reason. (changes on GECO2020 and PV).	
11		23	"VRup" value changed from 25 V/s to 1 V/s (changes on GECO2020 and PV).	
13	338	11 / 20	"Vset" and "Vmax" values changed from 1500 V to 1 V and 1800 V to 1 V for no reason. Channels had an overvoltage condition (changes on GECO2020 and PV).	
13		12	"Iset" value changed from 1000 uA to 0 uA for no reason. Channel tripped (Changes on GECO2020 and PV)	
15	349	23	"VRdwn" value changed from 25 V/s to 1 V/s for no reason (Changes on GECO2020 and PV).	