

UVa GEM layer #5 HV Test Results

HV tests done on 2/17/2020 on the assembly table; before being moved to the cosmic stand.

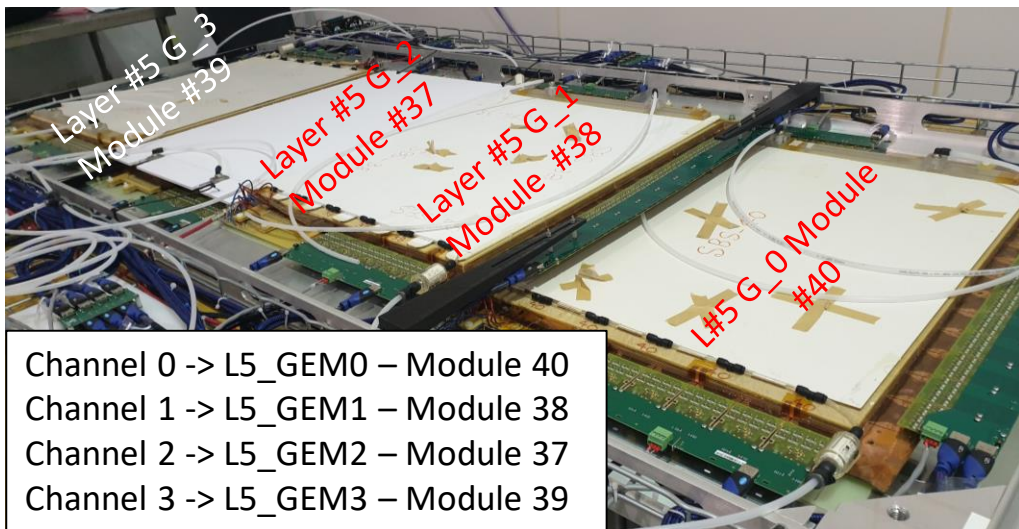
At 2 KV on Nitrogen 15/module flow rate

iseg SNMP Control Version 1.1.8.0

File System Module Channel Help

3 Modules found. Connected to E08C0 sn. 736790 at Slot 2

Slot	Channel	Vset (V)	Vmeasure (V)	Vnominal (V)	Iset (mA)	Imeasure (mA)	Inominal (mA)	Status	CV	CC
Slot 0 7300266	Channel 0	2,000.00	-2,000.04	-6,000.00	T 0.800	0.363 mA	1.000	On	Yellow	
Slot 1 7300267	Channel 1	2,000.00	-2,000.03	-6,000.00	T 0.800	0.363 mA	1.000	On	Yellow	
Slot 2 736790	Channel 2	2,000.00	-2,000.12	-6,000.00	T 0.800	0.363 mA	1.000	On	Yellow	
	Channel 3	2,000.00	-2,000.09	-6,000.00	T 0.800	0.362 mA	1.000	On	Yellow	



Channel 0 -> L5_GEM0 – Module 40
 Channel 1 -> L5_GEM1 – Module 38
 Channel 2 -> L5_GEM2 – Module 37
 Channel 3 -> L5_GEM3 – Module 39

At 3 KV on Nitrogen 15/module flow rate

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File System Module Channel Help

3 Modules found. Connected to E08C0 sn. 736790 at Slot 2

Slot	Channel	Vset (V)	Vmeasure (V)	Vnominal (V)	Iset (mA)	Imeasure (mA)	Inominal (mA)	Status	CV	CC
Slot 0 7300266	Channel 0	3,000.00	-3,000.02	-6,000.00	T 0.800	0.545 mA	1.000	On	Yellow	
Slot 1 7300267	Channel 1	3,000.00	-3,000.21	-6,000.00	T 0.800	0.545 mA	1.000	On	Yellow	
Slot 2 736790	Channel 2	3,000.00	-3,000.04	-6,000.00	T 0.800	0.545 mA	1.000	On	Yellow	
	Channel 3	3,000.00	-3,000.25	-6,000.00	T 0.800	0.544 mA	1.000	On	Yellow	

At 4.2 KV on Nitrogen 15/module flow rate

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File System Module Channel Help

3 Modules found. Connected to E08C0 sn. 736790 at Slot 2

Slot	Channel	Vset (V)	Vmeasure (V)	Vnominal (V)	Iset (mA)	Imeasure (mA)	Inominal (mA)	Status	CV	CC
Slot 0 7300266	Channel 0	4,200.00	-4,200.15	-6,000.00	T 0.800	0.762 mA	1.000	On	Yellow	
Slot 1 7300267	Channel 1	4,200.00	-4,200.13	-6,000.00	T 0.800	0.763 mA	1.000	On	Yellow	
Slot 2 736790	Channel 2	4,200.00	-4,200.38	-6,000.00	T 0.800	0.763 mA	1.000	On	Yellow	
	Channel 3	4,200.00	-4,200.17	-6,000.00	T 0.800	0.761 mA	1.000	On	Yellow	

HV tests done after before being moved to the cosmic stand on 3/3/2020

At 4.2 KV on Nitrogen 15/module flow rate

iseg SNMP Control Version 1.1.8.0

File System Module Channel Help

3 Modules found. Connected to E08C0 sn. 736790 at Slot 2

Slot	Module	Channel	Vset (V)	Vmeasure (V)	Vnominal (V)	Iset (mA)	Imeasure (mA)	Inominal (mA)	Status	CV	CC
Slot 0	7300266	Channel 0	4,200.00	-4,199.96	-6,000.00	0.800	0.762 mA	1.000	On	Yellow	
Slot 1	7300267	Channel 1	4,200.00	-4,199.96	-6,000.00	0.800	0.763 mA	1.000	On	Yellow	
Slot 2	736790	Channel 2	4,200.00	-4,199.95	-6,000.00	0.800	0.763 mA	1.000	On	Yellow	
		Channel 3	4,200.00	-4,199.97	-6,000.00	0.800	0.761 mA	1.000	On	Yellow	
		Channel 4	0.00	0.00	-6,000.00	0.800	0.000 mA	1.000	Off		
		Channel 5	0.00	0.00	-6,000.00	0.800	0.000 mA	1.000	Off		
		Channel 6	0.00	-0.38	-6,000.00	0.800	0.000 mA	1.000	Off		
		Channel 7	0.00	0.00	-6,000.00	0.800	0.000 mA	1.000	Off		

