## Sang-Mok CHA

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날짜:	2016년 11월 14일 월요일 오전 7:18
받는 사람:	"Sang-Mok CHA" <chasm@kasi.re.kr>; "Bruce Atwood" <atwood.1@osu.edu></atwood.1@osu.edu></chasm@kasi.re.kr>
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제목:	"Yongseok LEE" <yslee@kasi.re.kr> Re: SSO HE adjustment</yslee@kasi.re.kr>

Hi Sang-Mok,

I have never known how the stripes were numbered by Chung-Uk. Are stripes 17 and 28 the same as T-1 and N-4? If so you would need two pot boards to attempt to fix them.

As far as I know the four PAs and the Pot Board should be good. Both the pot board and the PA will need to be adjusted. You are very familiar with the porceedure for the PAs. Below is a table for the voltages. You should:

power off the HE

install the shorting plug for the channel you are going to work on

disconnect the blue cable at CBB for the channel you are going to work on.

change the pot board (you probably need to remove the CBB)

power on HE

adjust all the voltages as shown below

power off HE

reconnect the blue cable to the CBB

remove the shorting plug (doing the safety check with the breakout board is never a bad Idea)

power on the HE

You will find that the output drains 1 to 8 are now much lower than they were

run my program, this is required to adjust the drain voltages

re-adjust the 8 drain voltages to +29 Volts.

The procedure for changing PAs is nearly the same, always have power off, shorting plug on for whatever CBB you are working on.

good luck

		test	clock
	34	point	level
pot #		(Volts)	(Volts)
1	Ser lo	0	0
2	Ser hi	5	10
3	SW lo	0	0
4	SW hi	5	10
5	RG lo	0	0
6	RG hi	6	12
7	TG lo	0.5	-1
8	TG hi	5.5	11
9	PAlo	2.5	-1
10	P A hi	5.5	11
11	P D lo	2.5	XX
12	P D hi	5.5	11
13	P Prep	5.65	-9
14	RD 1/2	18	8
15	RD 3/4	18	8
16	RD 5/6	18	8
17	RD 7/8	18	8
18	OG	2.0/3.0	8
19	DD	18	8
20	OD 1	29/31	8
21	OD 2	29/31	8
22	OD 3	29/31	8
23	OD 4	29/31	8
24	OD 5	29/31	8
25	OD 6	29/31	8
26	OD 7	29/31	8
27	OD 8	29/31	8
28	OD 9-16	18	8
29	RD 9-16	18	8
30		Q	8
31	DMY Sig	Q	8
32	gnd	ę	6
Note:	Science/G	uide	

On 11/10/2016 11:46 PM, Sang-Mok CHA wrote:

Dear Bruce,

I am visiting SSO now. I will adjust PAs at this time. I hope to report good news after the adjustment.

BTW, The #17 strip and #28 strip show a lot of BIAS JUMP. So I would like to try to replace POT or PA boards for them.

There are 4 spare PA boards and 1 spare POT board at SSO. Can you let me know if the spare boards left in AU are all no problem to replace and use?

Regards, Sang-Mok b페이지 3/3(B)

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