

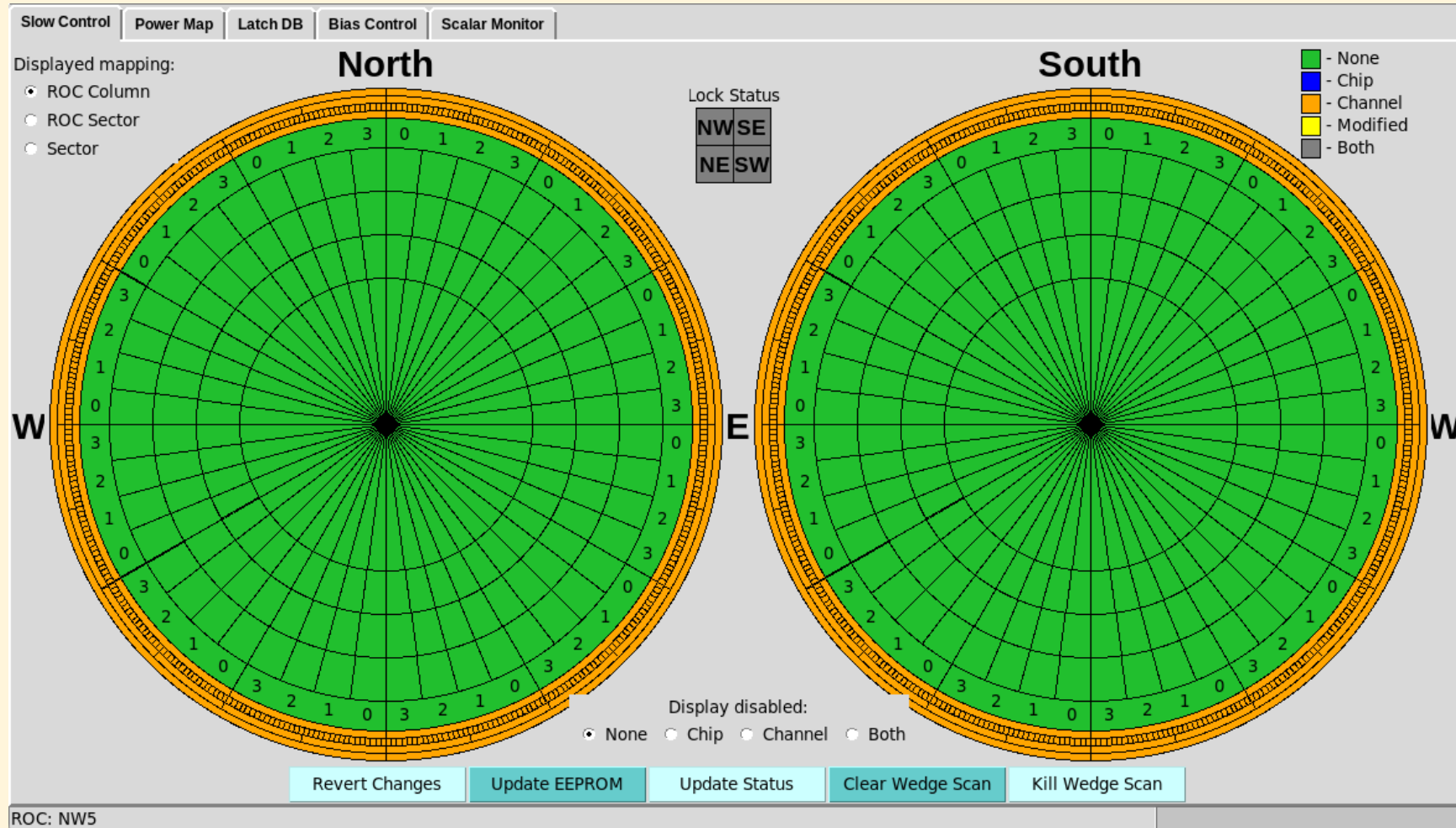
# Expert GUI

RBRC/Rikkyo

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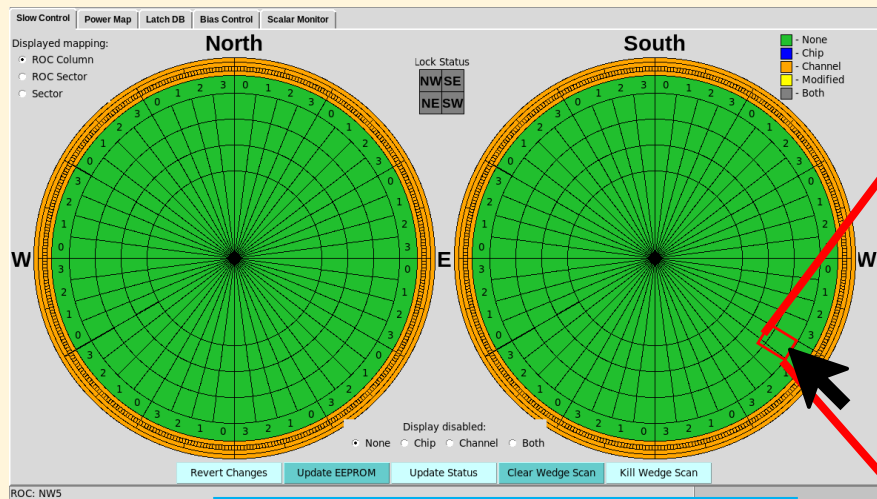
# FVTXのGUI

- FVTXのExpert GUIを起動できるようにした。



今後のExpert GUI開発の参考になる。

# FVTXのGUI



click

ROC: NE2 Column: 1 Station: 2 Side: 0 Chip: 10

Reg	Desc	Value
3	Vref	0
4	DAC 0	0
5	DAC 1	0
6	DAC 2	0
7	DAC 3	0
8	DAC 4	0
9	DAC 5	0
10	DAC 6	0
11	DAC 7	0
12	N1Sel	0
12	N2Sel	0
13	FB1Sel	0
13	LeakSel	0
14	P3Sel	0
14	P2Sel	0
15	GSel	0
15	BWSel	0
16	P1Sel	0
16	InjSel	0
17	LVDS Current	0
2	Accept Hits	<input type="checkbox"/>
2	Global Inject	<input type="checkbox"/>
2	Serial Select	0 1 0+1

Channel Mask

[Red = Masked, Green = Unmasked]

0	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71
72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103
104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119
120	121	122	123	124	125	126	127

Buttons: Mask All, Unmask All

Buttons: Revert Changes, Read Chip, Update EEPROM, Write to Chip

ROC: NE2 Column: 1 Station: 2

Side 0 Side 1

Side 0 Chip Settings [Editable]													Side 0 Controls			
Vref	0	0	0	0	0	0	0	0	0	0	0	0	Vref	0		
DAC 0	0	0	0	0	0	0	0	0	0	0	0	0	DAC 0	0		
DAC 1	0	0	0	0	0	0	0	0	0	0	0	0	DAC 1	0		
DAC 2	0	0	0	0	0	0	0	0	0	0	0	0	DAC 2	0		
DAC 3	0	0	0	0	0	0	0	0	0	0	0	0	DAC 3	0		
DAC 4	0	0	0	0	0	0	0	0	0	0	0	0	DAC 4	0		
DAC 5	0	0	0	0	0	0	0	0	0	0	0	0	DAC 5	0		
DAC 6	0	0	0	0	0	0	0	0	0	0	0	0	DAC 6	0		
DAC 7	0	0	0	0	0	0	0	0	0	0	0	0	DAC 7	0		
N1Sel	0	0	0	0	0	0	0	0	0	0	0	0	N1Sel	0		
N2Sel	0	0	0	0	0	0	0	0	0	0	0	0	N2Sel	0		
FB1Sel	0	0	0	0	0	0	0	0	0	0	0	0	FB1Sel	0		
LeakSel	0	0	0	0	0	0	0	0	0	0	0	0	LeakSel	0		
P3Sel	0	0	0	0	0	0	0	0	0	0	0	0	P3Sel	0		
P2Sel	0	0	0	0	0	0	0	0	0	0	0	0	P2Sel	0		
GSel	0	0	0	0	0	0	0	0	0	0	0	0	GSel	0		
BWSel	0	0	0	0	0	0	0	0	0	0	0	0	BWSel	0		
P1Sel	0	0	0	0	0	0	0	0	0	0	0	0	P1Sel	0		
InjSel	0	0	0	0	0	0	0	0	0	0	0	0	InjSel	0		
LVDS Current	0	0	0	0	0	0	0	0	0	0	0	0	LVDS Current	0		
Accept Hits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept Hits	<input checked="" type="checkbox"/>		
Global Inject	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Global Inject	<input type="checkbox"/>		
Serial Select	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	0 1	Serial Select	0 1
Channel Mask	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	0+1	Channel Mask	0+1

Buttons: Revert Changes, Read Chips, Update EEPROM, Write to Chips, Wedge FFR

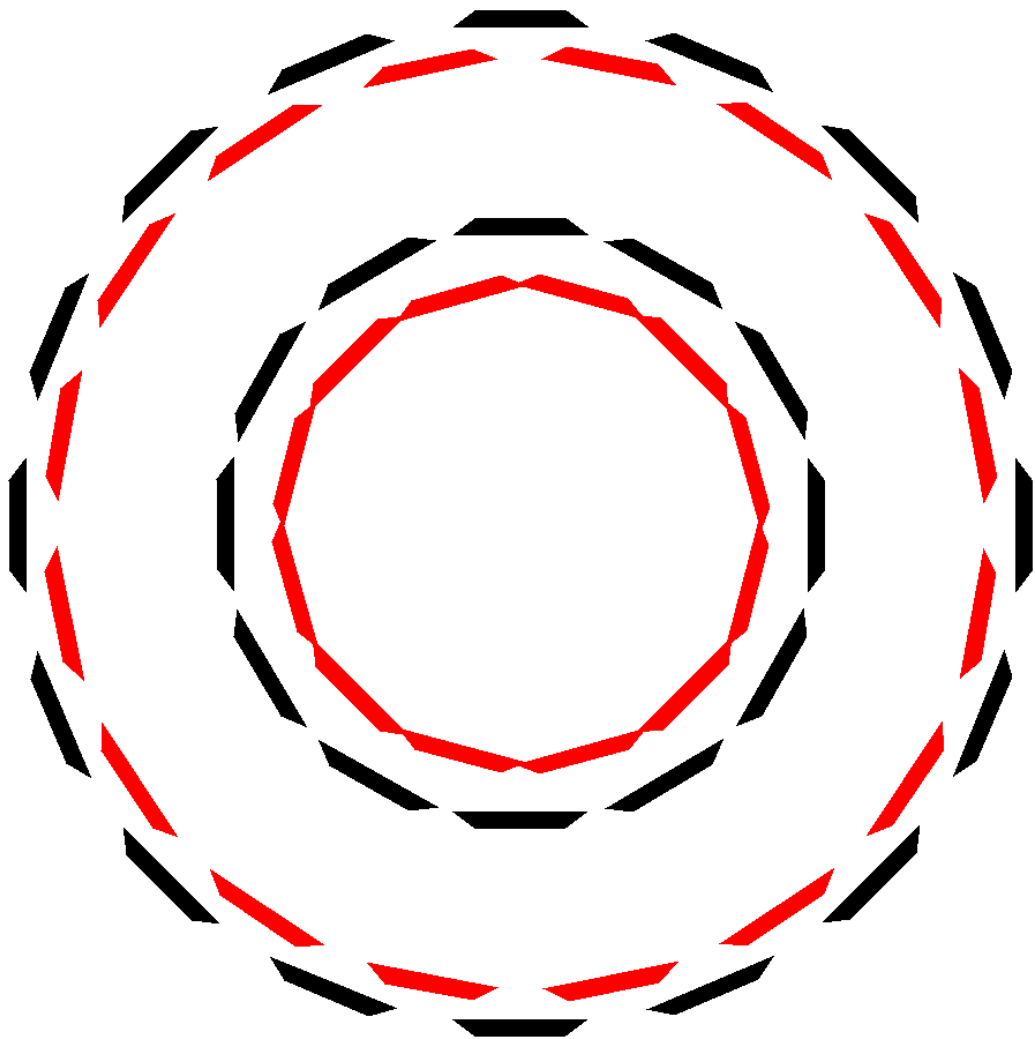
Chip 1 Chip 2 Chip 3 Chip 4 Chip 5 Chip 6 Chip 7 Chip 8 Chip 9 Chip 10 Chip 11 Chip 12 Chip 13

click

# 考えていること

- FVTXのGUIプログラムを、書き足したり、削除するなどINTT用に転用することは難しそう。(ハンドルできなくなる)
- FVTXのGUIを勉強しつつ、新たに0からINTT用のGUIを開発するほうが、遠回りしてそうだが、確実だと思われる。
- そこで、現在、FVTXのGUIプログラムを学習中。

# 学習中の様子



LADDER\_MENU

	Chip26	Chip25	Chip24	Chip23	Chip22	Chip21	Chip20	Chip19	Chip18	Chip17	Chip16	Chip15	Chip14
	Chip13	Chip12	Chip11	Chip10	Chip9	Chip8	Chip7	Chip6	Chip5	Chip4	Chip3	Chip2	Chip1

value	to chip	from chip		1	2	3	4	5	6	7	8	
DAC0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	9	10	11	12	13	14	15	16
DAC1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	17	18	19	20	21	22	23	24
DCA2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	25	26	27	28	29	30	31	32
DAC3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	33	34	35	36	37	38	39	40
DAC4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	41	42	43	44	45	46	47	48
DAC5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	49	50	51	52	53	54	55	56
DCA6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	57	58	59	60	61	62	63	64
DAC7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	65	66	67	68	69	70	71	72
LVDS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	READ	WRITE	73	74	75	76	77	78	79	80
				81	82	83	84	85	86	87	88	
				89	90	91	92	93	94	95	96	
				97	98	99	100	101	102	103	104	
				105	106	107	108	109	110	111	112	
				113	114	115	116	117	118	119	120	
				121	122	123	124	125	126	127	128	