

Undulator SN13
Date 9-22-08
Crew H.I., F.G., L.G.

MMF

PM Checks

"X"

29.850 LOS

X1)
BUCK IN

0

PM4

Y1) 32.451

1. —

33.451
29.850

-3.601 ✓

Y2) 32.457

1. —

33.457
29.850

-3.607 ✓

PM3

X1) 30.730

1. —

31.730

29.850

-1.880 ✓

Y1) 34.322

1. —

35.322

29.850

-5.472 ✓

Y2) 34.325

1. —

35.325

29.850

-5.475 ✓

PM2

X1) 30.724

1. —

31.724

29.850

-1.874 ✓

Y1) 34.315

1. —

35.315

29.850

-5.465 ✓

Y2) 34.319

1. —

35.319

29.850

-5.469 ✓

PM1

X1)
BUCK IN

0

Y1) 32.435

1. —

33.435

29.850

-3.585 ✓

Y2) 32.455

1. —

33.455

29.850

-3.605 ✓

FG
9-22-08

MMF

Undulator SN13
Date 9-22-08
Crew H.I., F.G., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.008
1. —
—————
8.008

PM1Y1) 7.010
1. —
—————
8.010

8.009 HI

PM4

Y1) 7.008
1. —
—————
8.008
8.009

7.001 ✓

X1) 10.615
1. —
—————
11.615
8.009

-3.606 ✓

PM3

Y2) 7.017
1. —
—————
8.017
8.009

-.008 ✓

X1) 10.616
1. —
—————
11.616
8.009

-3.607 ✓

PM2

Y1) 7.014
1. —
—————
8.014
8.009

-.005 ✓

X1) 10.615
1. —
—————
11.615
8.009

-3.606 ✓

PM1

Y1) 7.010
1. —
—————
8.010
8.009

-.001 ✓

X1) 10.622
1. —
—————
11.622
8.009

-3.613 ✓

TOP OF GAGE BLOCK

12.408
8.009
—————
-4.399 ✓

FG
9-22-08

MMF

Undulator SN 13
Date 9-22-08
Crew H.I., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0
F 32 + 1
N 29.700 + 1
F 25 + 1
N 27.811 + 1
F S/R 29.850 - 1
N S/R 29.850 - 1

| | |
|-----|--------|
| LOS | 29.850 |
|-----|--------|

Undulator

| | | | | | | | |
|---|--------|---|--------|---|--------|---|--------|
| 1) <u>34.329</u> 1 — 35.329 29.850 <table border="1"><tr><td>-5.479</td></tr></table> ✓ | -5.479 | 2) <u>34.324</u> 1 — 35.324 29.850 <table border="1"><tr><td>-5.474</td></tr></table> ✓ | -5.474 | 3) <u>34.325</u> 1 — 35.325 29.850 <table border="1"><tr><td>-5.475</td></tr></table> ✓ | -5.475 | 4) <u>34.326</u> 1 — 35.326 29.850 <table border="1"><tr><td>-5.476</td></tr></table> ✓ | -5.476 |
| -5.479 | | | | | | | |
| -5.474 | | | | | | | |
| -5.475 | | | | | | | |
| -5.476 | | | | | | | |
| 5) <u>24.546</u> 1 — 25.546 29.850 <table border="1"><tr><td>4.304</td></tr></table> ✓ | 4.304 | 6) <u>24.547</u> 1 — 25.547 29.850 <table border="1"><tr><td>4.303</td></tr></table> ✓ | 4.303 | 7) <u>24.547</u> 1 — 25.547 29.850 <table border="1"><tr><td>4.303</td></tr></table> ✓ | 4.303 | 8) <u>24.546</u> 1 — 25.546 29.850 <table border="1"><tr><td>4.304</td></tr></table> ✓ | 4.304 |
| 4.304 | | | | | | | |
| 4.303 | | | | | | | |
| 4.303 | | | | | | | |
| 4.304 | | | | | | | |

Ref. Block

| | | | | | | | |
|---|--------|---|--------|--|-------|--|-------|
| A) <u>35.881</u> 1 — 36.881 29.850 <table border="1"><tr><td>-7.031</td></tr></table> ✓ | -7.031 | B) <u>31.349</u> 1 — 32.349 29.850 <table border="1"><tr><td>-2.499</td></tr></table> ✓ | -2.499 | C) <u>29.591</u> 1 — 30.591 29.850 <table border="1"><tr><td>-.741</td></tr></table> ✓ | -.741 | D) <u>29.591</u> 1 — 30.591 29.850 <table border="1"><tr><td>-.741</td></tr></table> ✓ | -.741 |
| -7.031 | | | | | | | |
| -2.499 | | | | | | | |
| -.741 | | | | | | | |
| -.741 | | | | | | | |

L.G.
9-22-08

MMF

Undulator SN13
 Date 9-22-08
 Crew H.F., F.G., L.G.

PM Checks

"Y" 8.009 HI

Undulator

| | | | |
|--|--|--|--|
| 1) <u>3.527</u> 1. — 4.527 8.009 3482 ✓ | 2) <u>3.524</u> 1. — 4.524 8.009 3485 ✓ | 3) <u>3.530</u> 1. — 4.530 8.009 3479 ✓ | 4) <u>3.526</u> 1. — 4.526 8.009 3483 ✓ |
| 5) <u>10.610</u> 1. — 11.610 8.009 -3.601 ✓ | 6) <u>10.613</u> 1. — 11.613 8.009 -3.604 ✓ | 7) <u>10.611</u> 1. — 11.611 8.009 -3.602 ✓ | 8) <u>10.617</u> 1. — 11.617 8.009 -3.608 ✓ |

Ref. Block

| | | | |
|---|----------------------------|---|--|
| A) <u>7.247</u> 1. — 8.247 8.009 -.238 ✓ | B) _____ _____ _____ | C) <u>9.396</u> 1. — 10.396 8.009 -2.387 ✓ | D) <u>12.476</u> 1. — 13.476 8.009 -5.467 ✓ |
|---|----------------------------|---|--|

Flats

| | | | |
|---|---|---|---|
| <u>U/S</u> | | <u>D/S</u> | |
| (+) <u>6.296</u> 8.009 1.713 ✓ | (-) <u>6.298</u> 8.009 1.711 ✓ | (+) <u>6.296</u> 8.009 1.713 ✓ | (-) <u>6.297</u> 8.009 1.712 ✓ |

FG
9-22-08

MMF

Undulator SN13

Date 9-22-08

Crew H.Z., L.G., FIG.

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

| | |
|---------------|---------------|
| -5.470 | LOS |
| <u>+0.028</u> | MIC TO + EDGE |
| <u>-5.442</u> | |
| -0.039 | TO SENSOR |
| <u>-5.481</u> | PROBE LOC. |