

MMF

Undulator SN 32  
Date 12-1-08  
Crew M.R., L.G.  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0  
N Value PM4X1) 0  
F 34.000+1  
N 29.370+1  
F 24.000+1  
N 24.439+1  
F S/R 28.630-1 27.634+1  
N S/R 27.633+1 27.634+1  
LOS+28.634

Undulator

|   |   |   |   |
|---|---|---|---|
| 1) <u>33.121</u><br>1 —<br><u>34.121 ✓</u><br>28.634<br><u>-5.487 ✓</u> | 2) <u>33.121</u><br>1 —<br><u>34.121 ✓</u><br>28.634<br><u>-5.487 ✓</u> | 3) <u>33.116</u><br>1 —<br><u>34.116 ✓</u><br>28.634<br><u>-5.482 ✓</u> | 4) <u>33.116</u><br>1 —<br><u>34.116 ✓</u><br>28.634<br><u>-5.482 ✓</u> |
| 5) <u>23.338</u><br>1 —<br><u>24.338 ✓</u><br>28.634<br><u>4.296 ✓</u>  | 6) <u>23.334</u><br>1 —<br><u>24.334 ✓</u><br>28.634<br><u>4.300 ✓</u>  | 7) <u>23.336</u><br>1 —<br><u>24.336 ✓</u><br>28.634<br><u>4.298 ✓</u>  | 8) <u>23.336</u><br>1 —<br><u>24.336 ✓</u><br>28.634<br><u>4.298 ✓</u>  |

Ref. Block

|   |   |  |  |
|---|---|--|--|
| A) <u>34.667</u><br>1 —<br><u>35.667 ✓</u><br>28.634<br><u>-7.033 ✓</u> | B) <u>30.135</u><br>1 —<br><u>31.135 ✓</u><br>28.634<br><u>-2.501 ✓</u> | C) <u>28.373</u><br>1 —<br><u>29.373 ✓</u><br>28.634<br><u>-.739 ✓</u> | D) <u>28.374</u><br>1 —<br><u>29.374 ✓</u><br>28.634<br><u>-.740 ✓</u> |
|---|---|--|--|

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PM Checks

"Y" 7.569 HI

Undulator

1) 3.090  
1. —  
4.090 ✓  
7.569  
3.479 ✓

2) 3.095  
1. —  
4.095 ✓  
7.569  
3.474 ✓

3) 3.097  
1. —  
4.097 ✓  
7.569  
3.472 ✓

4) 3.093  
1. —  
4.093 ✓  
7.569  
3.476 ✓

5) 10.171  
1. —  
11.171 ✓  
7.569  
-3.602 ✓

6) 10.175  
1. —  
11.175 ✓  
7.569  
-3.606 ✓

7) 10.178  
1. —  
11.178 ✓  
7.569  
-3.609 ✓

8) 10.175  
1. —  
11.175 ✓  
7.569  
-3.606 ✓

Ref. Block

A) 6.806  
1. —  
7.806 ✓  
7.569  
-1.237 ✓

B)         
        
7.569  
      

C) 8.952  
1. —  
9.952 ✓  
7.569  
-2.383 ✓

D) 12.034  
1. —  
13.034 ✓  
7.569  
-5.465 ✓

Flats

U/S

D/S

(+) 5.857  
7.569  
1.712 ✓

(-) 5.858  
7.569  
1.711 ✓

(+) 5.858  
7.569  
1.711 ✓

(-) 5.858  
7.569  
1.711 ✓

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PM Checks

"X"

+28.634 LOS

PM4

X1) BUCK IN

0

Y1) 31.234  
1

32.234 ✓  
28.634  
-3.600 ✓

Y2) 31.237  
1

32.237 ✓  
28.634  
-3.603 ✓

PM3

X1) 29.517  
1

30.517 ✓  
28.634  
-1.883 ✓

Y1) 33.110  
1

34.110 ✓  
28.634  
-5.476 ✓

Y2) 33.110  
1

34.110 ✓  
28.634  
-5.476 ✓

PM2

X1) 29.518  
1

30.518 ✓  
28.634  
-1.894 ✓

Y1) 33.112  
1

34.112 ✓  
28.634  
-5.478 ✓

Y2) 33.115  
1

34.115 ✓  
28.634  
-5.481 ✓

PM1

X1) BUCK IN

0

Y1) 31.227  
1

32.222 ✓  
28.634  
-3.588 ✓

Y2) 31.237  
1

32.237 ✓  
28.634  
-3.603 ✓

MMF

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 6.568  
1. —  

---

7.568

PM1Y1) 6.569  
1. —  

---

7.569

7.569 HI

PM4

Y1) 6.568  
1. —  

---

7.568 ✓  
7.569  

4.001 ✓

X1) 10.175  
1. —  

---

11.175 ✓  
7.569  

-3.606 ✓

PM3

Y2) 6.572  
1. —  

---

7.572 ✓  
7.569  

-.003 ✓

X1) 10.172  
1. —  

---

11.172 ✓  
7.569  

-3.603 ✓

PM2

Y1) 6.576  
1. —  

---

7.576 ✓  
7.569  

-.007 ✓

X1) 10.176  
1. —  

---

11.176 ✓  
7.569  

-3.607 ✓

PM1

Y1) 6.569  
1. —  

---

7.569 ✓  
7.569  

0 ✓

X1) 10.180  
1. —  

---

11.180 ✓  
7.569  

-3.611 ✓

TOP OF GAGE BLOCK

11.972  
7.569  

-4.403 ✓

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
1.035 MIC TO + EDGE  
-5.435 ✓  
-0.039 TO SENSOR  
-5.474 PROBE LOC.