

MMF

Undulator SN 36
Date 15 SEP 2008
Crew MR, HI

PM Checks

"Y" 6.216 HI

PM4

Y1) (HI)
5.217
1

6.217 ✓
6.216

-0.001

X1) 6.216
8.822

-2.606 ✓
1

-3.606 ✓

PM2

Y1
Y2) 6.216
5.213

1.003
1

0.003 ✓

X1) 6.216
8.813

-2.597
1

-3.597 ✓

PM3

Y2
Y1) 6.216
5.215

1.001
1

0.001 ✓

X1) 6.216
8.818

-2.602
1

-3.602 ✓

PM1 (HI)

Y1) 5.215
6.215

6.216

+0.001 ✓

X1) 6.216
8.825

-2.609
1

-3.609 ✓

TOP OF GAGE BLOCK

6.216
10.615

-4.399 ✓

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PM Checks

"Y" 6.216 HI

Undulator

$$\begin{array}{r} 1) 6.216 \\ 1.735 \\ \hline 4.481 \\ 1 - \end{array}$$

3.481 ✓

$$\begin{array}{r} 5) 6.216 \\ 8.817 \\ \hline -2.601 \\ 1 - \end{array}$$

-3.601 ✓

$$\begin{array}{r} A) 6.216 \\ 5.457 \\ \hline 0.759 \\ 1.000 \end{array}$$

-0.241 ✓

$$\begin{array}{r} 2) 6.216 \\ 1.740 \\ \hline 4.476 \\ 1 - \end{array}$$

3.476 ✓

$$\begin{array}{r} 6) 6.216 \\ 8.818 \\ \hline -2.602 \\ 1 - \end{array}$$

-3.602 ✓

Ref. Block

B) 6.216

$$\begin{array}{r} 3) 6.216 \\ 1.740 \\ \hline 4.476 \\ 1 - \end{array}$$

3.476 ✓

$$\begin{array}{r} 7) 6.216 \\ 8.817 \\ \hline -2.601 \\ 1 - \end{array}$$

-3.601 ✓

$$\begin{array}{r} C) 6.216 \\ 7.599 \\ \hline -1.383 \\ 1.000 \end{array}$$

-2.383 ✓

$$\begin{array}{r} 4) 6.216 \\ 1.734 \\ \hline 4.482 \\ 1 - \end{array}$$

3.482 ✓

$$\begin{array}{r} 8) 6.216 \\ 8.812 \\ \hline -2.596 \\ 1 - \end{array}$$

-3.596 ✓

$$\begin{array}{r} D) 6.216 \\ 10.680 \\ \hline -4.464 \\ 1.000 \end{array}$$

-5.464 ✓

Flats

D/S

$$\begin{array}{r} (+) 6.216 \\ 4.495 \\ \hline 1.721 \end{array}$$

1.721 ✓

$$\begin{array}{r} (-) 6.216 \\ 4.495 \\ \hline 1.721 \end{array}$$

1.721 ✓

U/S

$$\begin{array}{r} (+) 6.216 \\ 4.498 \\ \hline 1.718 \end{array}$$

1.718 ✓

$$\begin{array}{r} (-) 6.216 \\ 4.498 \\ \hline 1.718 \end{array}$$

1.718 ✓

MMF

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"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 26.707 +1

N 26.703 +1

F 26.702 +1

N 26.702 +1

F S/R _____

N S/R _____

LOS 27.702

Undulator

1) 27.702

32.187
-4.485 ✓

1 —
-5.485 ✓

2) 27.702

32.178
-4.476 ✓

1 —
-5.476 ✓

3) 27.702

32.176
-4.474 ✓

1 —
-5.474 ✓

4) 27.702

32.181
-4.479 ✓

1 —
-5.479 ✓

5) 27.702

22.414
5.288 ✓

1 —
4.288 ✓

6) 27.702

22.408
5.294 ✓

1 —
4.294 ✓

7) 27.702

22.402
5.300 ✓

1 —
4.300 ✓

8) 27.702

22.404
5.298 ✓

1 —
4.298 ✓

Ref. Block

A) 27.702

33.731
-6.029 ✓

1 —
-7.029 ✓

B) 27.702

29.200
-1.498 ✓

1 —
-2.498 ✓

C) 27.702

27.445
0.257 ✓

1.000
-0.743 ✓

D) 27.702

27.444
0.258 ✓

1.000
-0.742 ✓

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MMF

PM Checks

"X"

27.702 LOS

PM4

X1) 27.702

Y1) 27.702
30.302
- 2.600 ✓
1—

-3.600 ✓

Y2) 27.702
30.305
- 2.603 ✓
1—

-3.603 ✓

PM2

X1) 27.702
28.586
- 0.884 ✓
1—

-1.884 ✓

Y1) 27.702
32.177
- 4.475 ✓
1—

-5.475 ✓

Y2) 27.702
32.179
- 4.477 ✓
1—

-5.477 ✓

PM3

X1) 27.702
28.585
- 0.883 ✓
1—

-1.883 ✓

Y1) 27.702
32.180
- 4.478 ✓
1—

-5.478 ✓

Y2) 27.702
32.180
- 4.478 ✓
1—

-5.478 ✓

PM1

X1) 27.702

Y1) 27.702
30.293
- 2.591 ✓
1—

-3.591 ✓

Y2) 27.702
30.304
- 2.602 ✓
1—

-3.602 ✓

MMF

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PM Checks

"X"

PROBE

BUCKIN

F Value _____ (PM2Y2)

N Value _____ (PM4Y1)

F _____

N _____

F _____

N _____

F S/R _____

N S/R _____

LOS -5.470

-.041 Mic To +EDGE
-5.429

-.039 To SENSOR

-5.468 ✓ PROBE LOC

