

MMF

Undulator SN 24
Date 3-11-09
Crew J.M., L.G.
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 26.965+1

N 26.965+1

F _____

N _____

F S/R _____

N S/R _____

LOS +27.965

Undulator

1) 32.453
1 —

33.453
27.965
-5.488

2) 32.447
1 —

33.447
27.965
-5.482

3) 32.448
1 —

33.448
27.965
-5.483

4) 32.448
1 —

33.448
27.965
-5.483

5) 22.675
1 —

23.675
27.965
4.290

6) 22.668
1 —

23.668
27.965
4.297

7) 22.671
1 —

23.671
27.965
4.294

8) 22.671
1 —

23.671
27.965
4.294

Ref. Block

A) 33.999
1 —

34.999
27.965
-7.034

B) 29.464
1 —

30.464
27.965
-2.499

C) 27.706
1 —

28.706
27.965
-.741

D) 27.707
1 —

28.707
27.965
-.742

Undulator SN24
Date 3-11-09
Crew J.M., L.G.

MMF

PM Checks

"X"

27.965 LOS

X1) BUCK IN

0

PM4

Y1) 30.565

1

31.565

27.965

-3.600

Y2) 30.570

1

31.570

27.965

-3.605

PM3

X1) 28.849

1

29.849

27.965

-1.884

Y1) 32.445

1

33.445

27.965

-5.480

Y2) 32.446

1

33.446

27.965

-5.481

PM2

X1) 28.850

1

29.850

27.965

-1.885

Y1) 32.446

1

33.446

27.965

-5.481

Y2) 32.447

1

33.447

27.965

-5.482

PM1

X1) BUCK IN

0

Y1) 30.557

1

31.557

27.965

-3.592

Y2) 30.571

1

31.571

27.965

-3.606

MMF

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.445
1. —

9.445

PM1Y1) 8.427
1. —

9.427

9.436 HI

PM4

Y1) 8.445
1. —

9.445
9.436

-0.009

X1) 12.052
1. —

13.052
9.436

-3.616

PM3

Y2) 8.444
1. —

9.444
9.436

-0.008

X1) 12.045
1. —

13.045
9.436

-3.609

PM2

Y1) 8.434
1. —

9.434
9.436

0.002

X1) 12.034
1. —

13.034
9.436

-3.598

PM1

Y1) 8.427
1. —

9.427
9.436

+0.009

X1) 12.037
1. —

13.037
9.436

-3.601

TOP OF GAGE BLOCK

13.844
9.436

-4.408

MMF

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+1.620 MIC TO + EDGE
-5.450
-0.039 TO SENSOR
-5.489 PROBE LOC.

MMF

Undulator SN 24
Date 3-10-09
Crew M.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0

F 29.000+1
N 27.519+1
F 25.000+1
N 26.430+1

F S/R 27.965-1
N S/R 26.965+1

LOS +27.965

COIL

U/S) 36.693 D/S) 36.692
27.965 27.965
-8.728 ✓ -8.727 ✓

Avg. = 8.728 ✓

"Y"

PM4Y1

4.036
1. -
5.034 ✓
3.601" Val.
8.637 ✓

PM1Y1

4.019
1. -
5.019 ✓
3.599" Val.
8.618 ✓

Avg. HI= 8.628 ✓

19.963 REF.
8.628 HI
11.335 C/L

U/S) ⊖ Read
12.566 Ref.
12.566 Wire C/L
11.335 Ref. C/L
1.231 ✓

D/S) 1005 Read
12.573 Ref.
12.568 Wire C/L
11.335 Ref C/L
1.233 ✓

Avg. = 1.232 ✓