

MMF

Undulator SN 13  
Date 1-9-09  
Crew B.R., L.G.  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 30,000 + 1

N 29,249 + 1

F 26,000 + 1

N 28,113 + 1

F S/R 29,951 - 1

N S/R 29,951 - 1

**LOS + 29,951**

Undulator

1) 34.431  
1 —

35.431  
29.951  
**-5.480**

5) 24.650  
1 —

25.650  
29.951  
**4.301**

2) 34.427  
1 —

35.427  
29.951  
**-5.476**

6) 24.651  
1 —

25.651  
29.951  
**4.300**

3) 34.431  
1 —

35.431  
29.951  
**-5.480**

7) 24.650  
1 —

25.650  
29.951  
**4.301**

4) 34.431  
1 —

35.431  
29.951  
**-5.480**

8) 24.650  
1 —

25.650  
29.951  
**4.301**

Ref. Block

A) 35.985  
1 —

36.985  
29.951  
**-7.034**

B) 31.456  
1 —

32.456  
29.951  
**-2.505**

C) 29.693  
1 —

30.693  
29.951  
**-.742**

D) 29.693  
1 —

30.693  
29.951  
**-.742**

✓BR

MMF

Undulator SN 30  
Date 1-9-09  
Crew B.R., L.G.

PM Checks

"Y" 8.147 HI

Undulator

1) 3.661  
1  
4.661  
8.147  
3.486

2) 3.661  
1  
4.661  
8.147  
3.486

3) 3.665  
1  
4.665  
8.147  
3.482

4) 3.660  
1  
4.660  
8.147  
3.487

5) 10.749  
1  
11.749  
8.147  
-3.602

6) 10.752  
1  
11.752  
8.147  
-3.605

7) 10.750  
1  
11.750  
8.147  
-3.603

8) 10.752  
1  
11.752  
8.147  
-3.605

Ref. Block

A) 7.388  
1  
8.388  
8.147  
-0.241

B)                       
                      
                      
8.147  
                    

C) 9.533  
1  
10.533  
8.147  
-2.386

D) 12.613  
1  
13.613  
8.147  
-5.466

Flats

U/S

D/S

(+) 6.433  
8.147  
1.714

(-) 6.434  
8.147  
1.713

(+) 6.430  
8.147  
1.717

(-) 6.431  
8.147  
1.716

✓OR

Undulator 5N13  
Date 1-9-09  
Crew B.R., L.G.

MMF

PM Checks

"X"

29.951 LOS

PM4

X1)  
BUCK IN

Y1) 32.551

Y2) 32.554

1 —

1 —

33.551

33.554

29.951

29.951

-3.600

-3.603

0

PM2 PM3

X1) 30.830

Y1) 34.428

Y2) 34.428

1 —

1 —

1 —

31.830

35.428

35.428

29.951

29.951

29.951

-1.879

-5.477

-5.477

PM3 PM2

X1) 30.828

Y1) 34.422

Y2) 34.425

1 —

1 —

1 —

31.828

35.422

35.425

29.951

29.951

29.951

-1.877

-5.471

-5.474

PM1

X1)  
BUCK IN

Y1) 32.544

Y2) 32.560

1 —

1 —

33.544

33.560

29.951

29.951

-3.593

-3.609

0

✓ B.R.

MMF

Undulator SN13  
Date 1-9-09  
Crew B.R., L.G.

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 7.149  
1. —  
-----  
8.149

PM1Y1) 7.145  
1. —  
-----  
8.145

8.147 HI

PM4

Y1) 7.149  
1. —  
-----  
8.149  
8.147  
-----  
-1.002

X1) 10.755  
1. —  
-----  
11.755  
8.147  
-----  
-3.608

PM2 PM3

Y2) 7.153  
1. —  
-----  
8.153  
8.147  
-----  
-.006

X1) 10.753  
1. —  
-----  
11.753  
8.147  
-----  
3.606

PM3 PM2

Y1) 7.148  
1. —  
-----  
8.148  
8.147  
-----  
-.001

X1) 10.750  
1. —  
-----  
11.750  
8.147  
-----  
-3.603

PM1

Y1) 7.145  
1. —  
-----  
8.145  
8.147  
-----  
+.002

X1) 10.758  
1. —  
-----  
11.758  
8.147  
-----  
-3.611

10.758

TOP OF GAGE BLOCK

12.550  
8.147  
-----  
-4.403

✓BR

MMF

Undulator SH13  
Date 1-9-09  
Crew B.R., L.G

PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS  
+0.029 MIC TO + EDGE  
-5.441  
-0.039 TO SENSOR  
-5.480 PROBE LOC.

✓ B.R.