

MMF

Undulator SN 27  
Date 7-21-09  
Crew BR, LG  
"X"

PM Checks

BUCKIN

F Value PM1X1) 0  
N Value PM4X1) 0  
F 26.491+1  
N 26.491+1  
F \_\_\_\_\_  
N \_\_\_\_\_  
F S/R \_\_\_\_\_  
N S/R \_\_\_\_\_  
LOS 27.491

Undulator

1) 31.966   ----- 32.966 27.491 <u>-5.475</u>	2) 31.971   ----- 32.971 27.491 <u>-5.480</u>	3) 31.968   ----- 32.968 27.491 <u>-5.477</u>	4) 31.967   ----- 32.967 27.491 <u>-5.476</u>
5) 22.187   ----- 23.187 27.491 <u>4.304</u>	6) 22.190   ----- 23.190 27.491 <u>4.301</u>	7) 22.189   ----- 23.189 27.491 <u>4.302</u>	8) 22.185   ----- 23.185 27.491 <u>4.306</u>

Ref. Block

A) 33.525   ----- 34.525 27.491 <u>-7.034</u>	B) 28.989   ----- 30.989 27.491 <u>-3.498</u>	C) 27.234   ----- 28.234 27.491 <u>-.743</u>	D) 27.233   ----- 28.233 27.491 <u>-.742</u>
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✓ BR

MMF

Undulator SK27  
Date 7-21-09  
Crew BR, LG

PM Checks

"Y" 9.987 HI

Undulator

1) 5.505  
1  
6.505  
9.987  
3.482

2) 5.509  
1  
6.509  
9.987  
3.478

3) 5.513  
1  
6.513  
9.987  
3.474

4) 5.512  
1  
6.512  
9.987  
3.475

5) 12.585  
1  
13.585  
9.987  
-3.598

6) 12.583  
1  
13.583  
9.987  
-3.596

7) 12.587  
1  
13.587  
9.987  
-3.600

8) 12.593  
1  
13.593  
9.987  
-3.606

Ref. Block

A) 9.219  
1  
10.219  
9.987  
-1.232

B)             
            
            
            
          

C) 11.364  
1  
12.364  
9.987  
-2.377

D) 14.444  
1  
15.444  
9.987  
-5.457

Flats

U/S

D/S

(+) 8.270  
9.987  
1.717

(-) 8.271  
9.987  
1.716

(+) 8.275  
9.987  
1.712

(-) 8.276  
9.987  
1.711

✓BR

Undulator 51427  
Date 7-21-09  
Crew BR, LG

MMF

PM Checks

"X"

27.491 LOS

PM4

X1) BUCK IN

Y1) 30.092

Y2) 30.097

\_\_\_\_\_

1 —

1 —

0

31.092  
27.491

31.097  
27.491

-3.601

-3.606

~~PM2~~ PM3

X1) 28.366

Y1) 31.961

Y2) 31.963

1 —

1 —

1 —

29.366  
27.491

32.961  
27.491

32.963  
27.491

-1.875

-5.470

-5.472

~~PM2~~ PM3 PM2

X1) 28.358

Y1) 31.953

Y2) 31.955

1 —

1 —

1 —

29.358  
27.491

32.953  
27.491

32.955  
27.491

-1.867

-5.462

-5.464

PM1

X1) BUCK IN ✓

Y1) 30.090

Y2) 30.085

\_\_\_\_\_

1 —

1 —

0

31.090  
27.491

31.085  
27.491

-3.599

-3.594

✓BR

MMF

Undulator SN27  
Date 7-21-09  
Crew BR, LG

PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.980  
1 —  
————  
9.980

PM1Y1) 8.994  
1 —  
————  
9.994

9.987 HI

PM4

Y1) 8.980  
1 —  
————  
9.980  
9.987

4.007

X1) 12.587  
1 —  
————  
13.587  
9.987

-3.600

PM3  
PM2

Y2) 8.988  
1 —  
————  
9.988  
9.987

-0.001

X1) 12.589  
1 —  
————  
13.589  
9.987

-3.602

~~PM3~~ PM2

Y1) 8.993  
1 —  
————  
9.993  
9.987

-0.006

X1) 12.593  
1 —  
————  
13.593  
9.987

-3.606

PM1

Y1) 8.994  
1 —  
————  
9.994  
9.987

-0.007

X1) 12.596  
1 —  
————  
13.596  
9.987

-3.609

TOP OF GAGE BLOCK

14.380  
9.987  
-4.393

✓ BR

MMF

Undulator SN 27  
Date 7-20-09  
Crew B.R., L.G.

LONG COIL CHECK

"X"

BUCKIN

COIL

F Value PM1X1) 0  
N Value PM4X1) 0

U/S) 36.229

D/S) 36.225

F 25.000+1

27.491  
-8.738 ✓

27.491  
-8.734 ✓

N 26.097+1

Ave. = 8.734 ✓

F 27.000+1

N 26.628+1

F S/R 27.494+1 26.491+1

N S/R 26.491+1

LOS 27.491

"Y"

PM4Y1

PM1Y1

4.002  
1. —  
5.002  
3.601" Val.  
8.603 ✓

4.017  
1. —  
5.017  
3.599" Val.  
8.616 ✓

Ave. HI = 8.610

19.933 REF.  
8.610 HI  
11.323 C/L ✓

U/S) -1.003 Read  
12.562 Ref.  
12.559 Wire C/L  
11.323 Ref. C/L  
1.234 ✓

D/S) 0 Read  
12.560 Ref.  
12.560 Wire C/L  
11.323 Ref C/L  
1.237 ✓

Ave. = + 1.237