

MMF

Undulator SN 19
Date 5-12-09
Crew JM, LG
"X"

PM Checks

BUCKIN

F Value PM1X1) 0

N Value PM4X1) 0

F 26.847+1

N 26.847+1

F _____

N _____

F S/R _____

N S/R _____

LOS +27.847

Undulator

1) 32.322

1
33.322
27.847
-5.475

2) 32.333

1
33.333
27.847
-5.486

3) 32.344

1
33.344
27.847
-5.497

4) 32.321

1
33.321
27.847
-5.474

5) 22.548

1
23.548
27.847
4.299

6) 22.553

1
23.553
27.847
4.294

7) 22.552

1
23.552
27.847
4.291

8) 22.548

1
23.548
27.847
4.299

Ref. Block

A) 33.880

1
34.880
27.847
-7.033

B) 29.349

1
30.349
27.847
-2.502

C) 27.589

1
28.589
27.847
-.742

D) 27.589

1
28.589
27.847
-.742

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PM Checks

"Y" 9.446 HI

Undulator

1) 4.952

2) 4.964

3) 4.963

4) 4.962

1 —
5.952
9.446
3.494

1 —
5.964
9.446
3.482

1 —
5.963
9.446
3.483

1 —
5.962
9.446
3.484

5) 12.045

6) 12.048

7) 12.048

8) 12.047

1 —
13.045
9.446
-3.599

1 —
13.048
9.446
-3.602

1 —
13.048
9.446
-3.602

1 —
13.047
9.446
-3.601

Ref. Block

A) 8.681

B)

C) 10.826

D) 13.908

1 —
9.681
9.446
-2.335

—
—
—
—

1 —
11.826
9.446
-2.380

1 —
14.908
9.446
-5.462

Flats

U/S

D/S

(+) 7.727

(-) 7.727

(+) 7.728

(-) 7.728

9.446
1.719

9.446
1.719

9.446
1.718

9.446
1.718

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MMF

PM Checks

"X"

27.847 LOS

X1)
BUCK IN

0

PM4

Y1) 30.448 Y2) 30.451

| | |
|--------|--------|
| 1 | 1 |
| 31.448 | 31.451 |
| 27.847 | 27.847 |
| -3.601 | -3.604 |

PM3

X1) 28.722 Y1) 32.319 Y2) 32.320

| | | |
|--------|--------|--------|
| 1 | 1 | 1 |
| 29.722 | 33.319 | 33.320 |
| 27.847 | 27.847 | 27.847 |
| -1.875 | -5.472 | -5.473 |

PM2

X1) 28.719 Y1) 32.316 Y2) 32.317

| | | |
|--------|--------|--------|
| 1 | 1 | 1 |
| 29.719 | 33.316 | 33.317 |
| 27.847 | 27.847 | 27.847 |
| -1.872 | -5.469 | -5.470 |

PM1

X1) BUCK IN Y1) 30.450 Y2) 30.446

| | | |
|---|--------|--------|
| 0 | 1 | 1 |
| 0 | 31.450 | 31.446 |
| 0 | 27.847 | 27.847 |
| 0 | -3.603 | -3.599 |

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PM Checks

"Y"

Avg. PM4Y1 & PM1Y1 = HI

PM4Y1) 8.442
 1 —

 9.442

PM1Y1) 8.450
 1 —

 9.450

9.446 HI

PM4

Y1) 8.442
 1 —

 9.442
 9.446

 +1.004

PM3

Y2) 8.444
 1 —

 9.444
 9.446

 +1.002

X1) 12.049
 1 —

 13.049
 9.446

 -3.603

X1) 12.045
 1 —

 13.045
 9.446

 -3.599

PM2

Y1) 8.447
 1 —

 9.447
 9.446

 -0.001

PM1

Y1) 8.450
 1 —

 9.450
 9.446

 -1.004

X1) 12.048
 1 —

 13.048
 9.446

 -3.602

X1) 12.051
 1 —

 13.051
 9.446

 -3.605

TOP OF GAGE BLOCK

13.842
 9.446

 -4.396

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PM Checks

"X"

PROBE

BUCKIN

Tagets on stand and far wall = - 5.470"

-5.470 LOS
+0.53 MIC TO + EDGE
-5.437
-0.039 TO SENSOR
-5.476 PROBE LOC.

MMF

Undulator SN 19
Date 5-11-09
Crew JM, L.G.

LONG COIL CHECK

"X"

BUCKIN

F Value PM1X1) 0
N Value PM4X1) 0

F 27.000 + 1
N 26.889 + 1
F 25.500 + 1
N 26.475 + 1

F S/R 27.847 - 1
N S/R 27.847 - 1

COIL

U/S) 36.571 D/S) 36.573
27.847
- 8.724 - 8.726

Avg. = -8.725

LOS + 27.847

"Y"

PM4Y1

3.732
1
4.732
3.601" Val.
8.333

PM1Y1

3.740
1
4.740
3.599" Val.
8.339

Avg. HI = 8.336

19.666 REF.
8.334 HI
11.330 C/L

U/S) Ø Read
12.578 Ref.
12.578 Wire C/L
11.330 Ref. C/L
1.248

D/S) - .010 Read
12.585 Ref.
12.575 Wire C/L
11.330 Ref C/L
1.245

Avg. = 1.247