

Traveler Title:

Booster Multipole Corrector Magnet Measurements at MTF

Specification No:

5520-TR-333854

Revision:

NONE

DR No:

4506

Step No:

4.1

Drawing No:

445004

Routing Form No:

Serial No:

BMA047

Rework ID:

1

Discrepancy Description:

The post-potting fixed-coil measurements are anomolous. It appears there is a delay in reaching full field in the three "normal" circuits (the "skew" circuits appear to not be affected). This appears to be almost identical to the problem with BMA031 (see also DR 4505). See attached plots from Joe DiMarco.

Originator:

Jamie Blowers

Date:

4/21/2008 4:33:51 PM

Cause of Nonconformance:

Unknown

Responsible Authority:

Sasha Makarov

Date:

8/1/2008 1:49:56 PM

Disposition:

Use as is (the very last "spare" magnet).
Disposition verify notes: Anomoly never fully understood - see DR 4505 for full details.
Closeout notes: None.

Responsible Authority:

Sasha Makarov

Date:

8/1/2008 1:49:56 PM

Corrective Action to Prevent Recurrence:

None
Disposition verify notes: None.
Closeout notes: None.

Responsible Authority:

Sasha Makarov

Date:

8/1/2008 1:49:56 PM

Corrective Action/Disposition Verified By:

Jamie Blowers

Date:

12/21/2009 11:38:00 PM

Will Configuration be affected?: YES NO

Identified problem area:

- Material Manpower Method Machine Measurement

Reviewed By:

Jamie Blowers

Date:

12/21/2009 11:41:32 PM