

BLM- System: Status CNGS

RADWG - 18 JUIN 2009

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Result power supplies: PS1&2 5V (Haltec-USR515-5A); PS3 2.5V (Haltec-USR515S-2A);

Date	Hadrons>20MeV [1e11*cm-2]	1MeV eq. neutrons [1e11*cm-2]	Dose [Gy]	Observation
5 June 18:00	1.53	2.18	21.15	Voltage starts to increase
7 June 7:15	2.20	3.13	30.37	Voltage increased by 20% (1V)
7 June 7:23	2.21	3.13	30.41	Voltage dropped to 0V
5 June 21:26	1.56	2.24	21.75	Voltage starts to increase
7 June 5:53	2.18	3.10	30.06	Voltage increased by 11% (0.55V)
7 June 8:28	2.23	3.16	30.09	Voltage dropped to 0V
11 June 15:40	3.59	5.11	49.6	Voltage increase of 2.6%

RadMon data for the BLM crate positioned in TSG45. Beam intensity data was scaled with the calibration data from 2008. (Courtesy: D. Kramer)

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Result CFC tunnel card:

3.59e11*cm-2 [Hadrons >20MeV}

5.11e11*cm-2 [1MeV eq. neutrons]

49.6 Gy Int. dose

- **ERROR CRC-A: 1184**
- **ERROR CRC-B: 0**
- **ERROR CRC-C: 4**
- **ERROR FID: 0**
- **ERROR CID: 0**
- **New mezzanine for reset: No reset seen!**
- **Analog circuit perfectly working**

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PS 1 & PS 2: Dismounted 17.10.09.

PS3: No action done.

CFC Tunnel card: No action done.

Position of the Rack: No action done.

Next steps:

- Waiting for the PSs and trying to improve them.
- CFC-card & PS3: Wait and see.