Bunch 1, calibration constant Vs. integration window

x 10⁻³

Calibration constant

gain: -1000
gain: -1500
gain: -1700

Integration window

Bunch 2, calibration constant Vs. integration window

x 10⁻³

Calibration constant

gain: -1000
gain: -1500
gain: -1700

Integration window

Bunch 3, calibration constant Vs. integration window

x 10⁻³

Calibration constant

gain: -1000
gain: -1500
gain: -1700

Integration window

Difference from bunch 1, gain 1000 VS Position from mag current

p1=-0.003379+-8.721e-005

chisq/N = 0.904

p1=-0.003661+-0.0001076

chisq/N = 0.864

Difference from bunch 1, gain 1000 / Vs/Vs

Position from mag current / μm

Difference from bunch 1, gain 1500 VS Position from mag current

p1=-0.00326+-0.0001178

chisq/N = 0.596

p1=-0.00348+-0.0001258

chisq/N = 0.712

Difference from bunch 1, gain 1500 / Vs/Vs

Position from mag current / μm

Difference from bunch 1, gain 1700 VS Position from mag current

p1=-0.003425+-0.0001502

chisq/N = 0.913

p1=-0.003407+-0.0001195

chisq/N = 0.650

Difference from bunch 1, gain 1700 / Vs/Vs

Position from mag current / μm

○ analogue

○ digital

Difference from bunch 2, gain 1000 VS Position from mag current

p1=-0.003249+-5.342e-005
chisq/N = 3.206

○ analogue
○ digital

p1=-0.002975+-7.15e-005
chisq/N = 3.425

Difference from bunch 2, gain 1000 / Vs/Vs
Position from mag current / µm

Difference from bunch 2, gain 1500 VS Position from mag current

p1=-0.003473+-5.539e-005
chisq/N − 3.592

○ analogue
○ digital

p1=-0.002986+-7.075e-005
chisq/N = 3.472

Difference from bunch 2, gain 1500 / Vs/Vs
Position from mag current / µm

Difference from bunch 2, gain 1700 VS Position from mag current

p1=-0.002949+-0.0001
chisq/N = 5.320

○ analogue
○ digital

p1=-0.002597+-6.749e-005
chisq/N = 4.570

Difference from bunch 2, gain 1700 / Vs/Vs
Position from mag current / µm

Difference from bunch 3, gain 1000 VS Position from mag current

p1=-0.003242+-5.466e-005
chisq/N = 5.763

p1=-0.003061+-7.265e-005
chisq/N = 2.555

analogue
digital

Difference from bunch 3, gain 1500 VS Position from mag current

p1=-0.003506+-5.701e-005
chisq/N = 3.013

p1=-0.003087+-7.237e-005
chisq/N = 3.469

analogue
digital

Difference from bunch 3, gain 1700 VS Position from mag current

p1=-0.002902+-8.81e-005
chisq/N = 11.028

p1=-0.002675+-6.818e-005
chisq/N = 5.154

analogue
digital