

East Area Renovation

- Magnets: status July 2020-

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July 3rd 2020

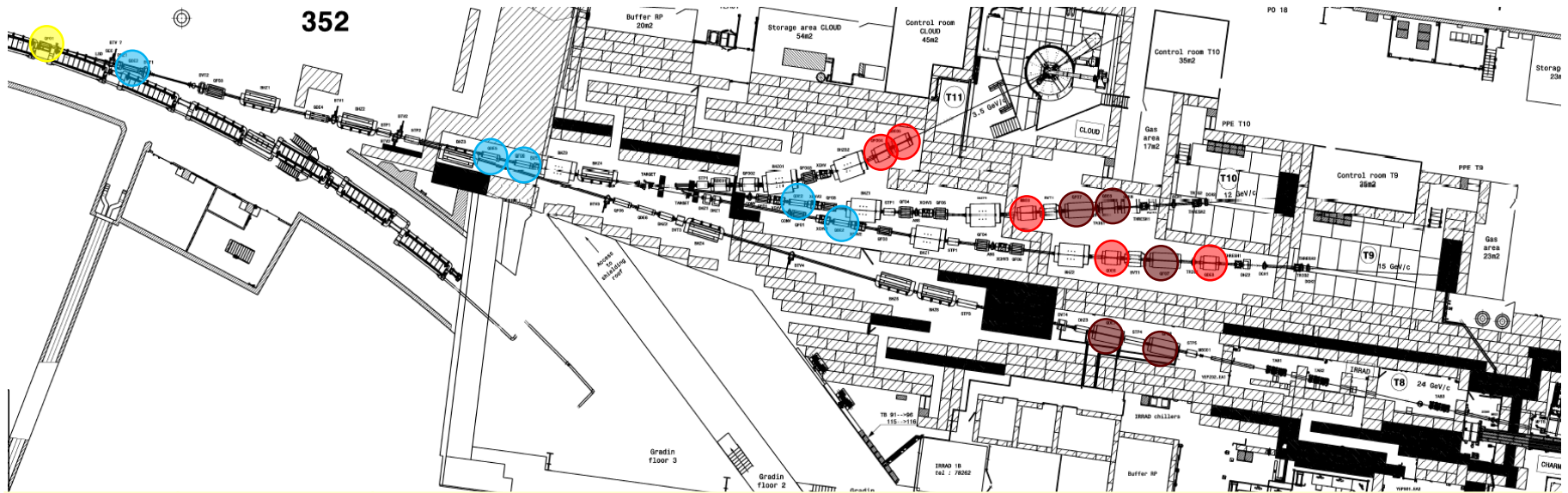
15 existing quadrupoles (QFS, QDS, QFL)

Magnet renovation shared with TT2 magnets



Type	Quantity	Completed	Installed
QFS	8+1	ALL	1 (7 available)
QFL	3+1	ALL	1 (3 available)
QDS	4+1	ALL	0 (5 available)

Four new quadrupole designs



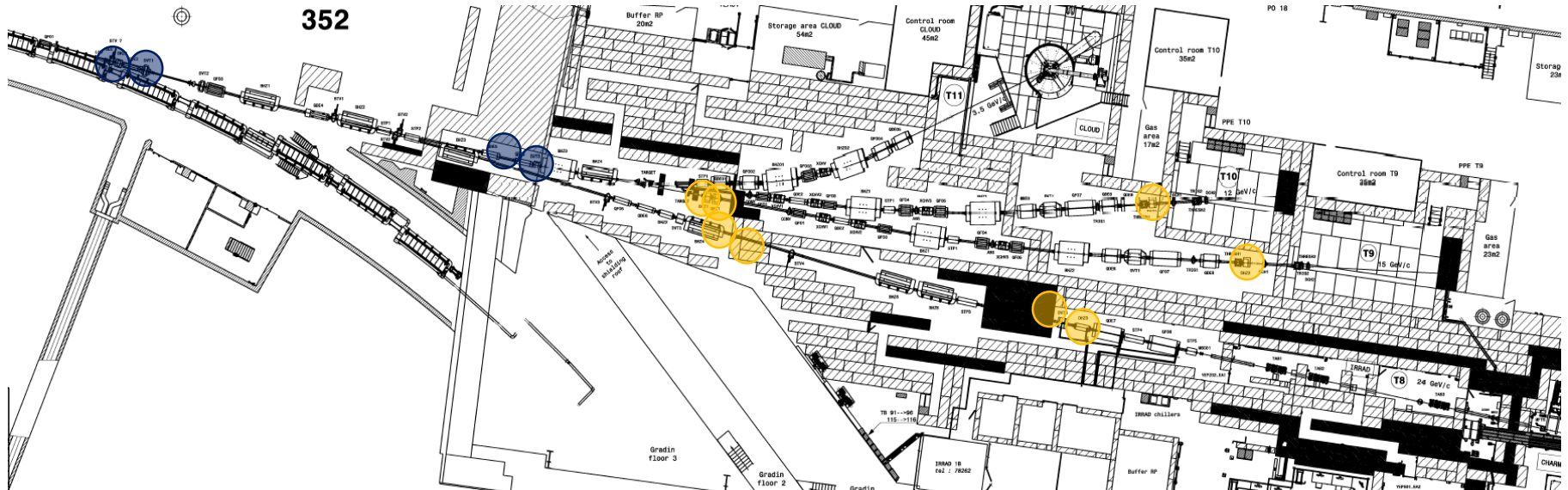
Type	Quantity	Status	Scheduled
Q74 L	1+1	Magnet 01 installed, 4 spare coils tested	Installed
Q120 C	5+1	Magnet 01-02-03 installed Magnet 04-05 under tests Magnet 06 (spare) sent back to SEF	04-05 for September 2020
Q100 L	5	Q100 Magnet 01-02-03-04 certified and 01-02 measured.	Last quarter 2020
Q200 L	5	Q200 Magnet 02-03-04 certified and 02-03 under measurements	Last quarter 2020

Two new bending designs



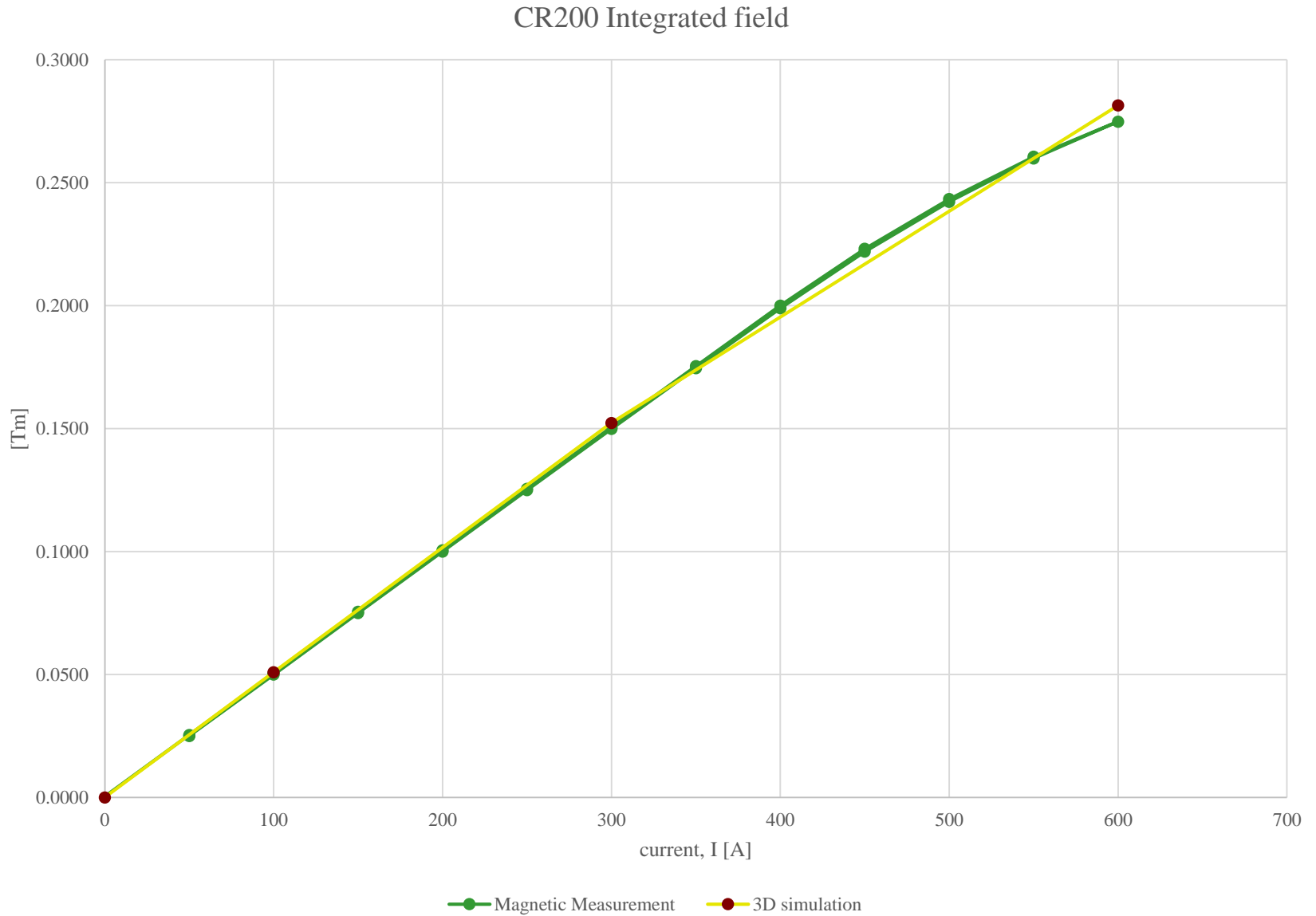
Type	Quantity	Status	Scheduled
M100 L	2	M100 01 ready for certification	3 rd quarter 2020
M200 L	6	M200 01 under assembly	3 rd quarter 2020
Assembly	8	Contract with Nortemecanica delayed by the Covid situation	4 th quarter 2020 !
MCB	7+1	3 installed, 5 ready	Available

12 dipole correctors: half to be built, half to be converted into laminated units

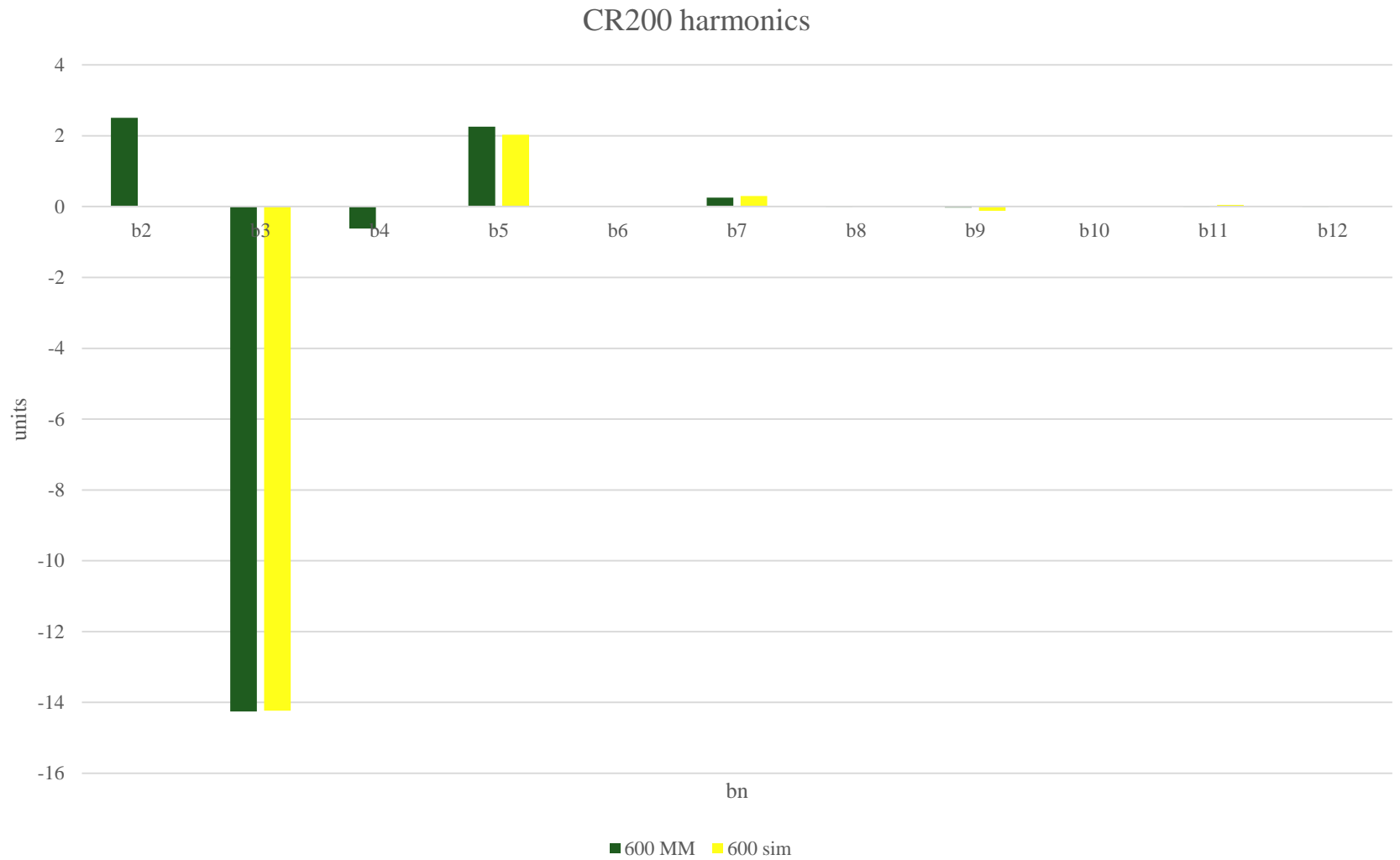


Type	Quantity	Status	Scheduled
CR200	4+1	4 magnets installed and 1 stored	Installed
MDX L	8+1	Assembly activity ongoing	Half 3 rd quarter 2020 Half 4 th quarter 2020

CR 200 magnetic measurements

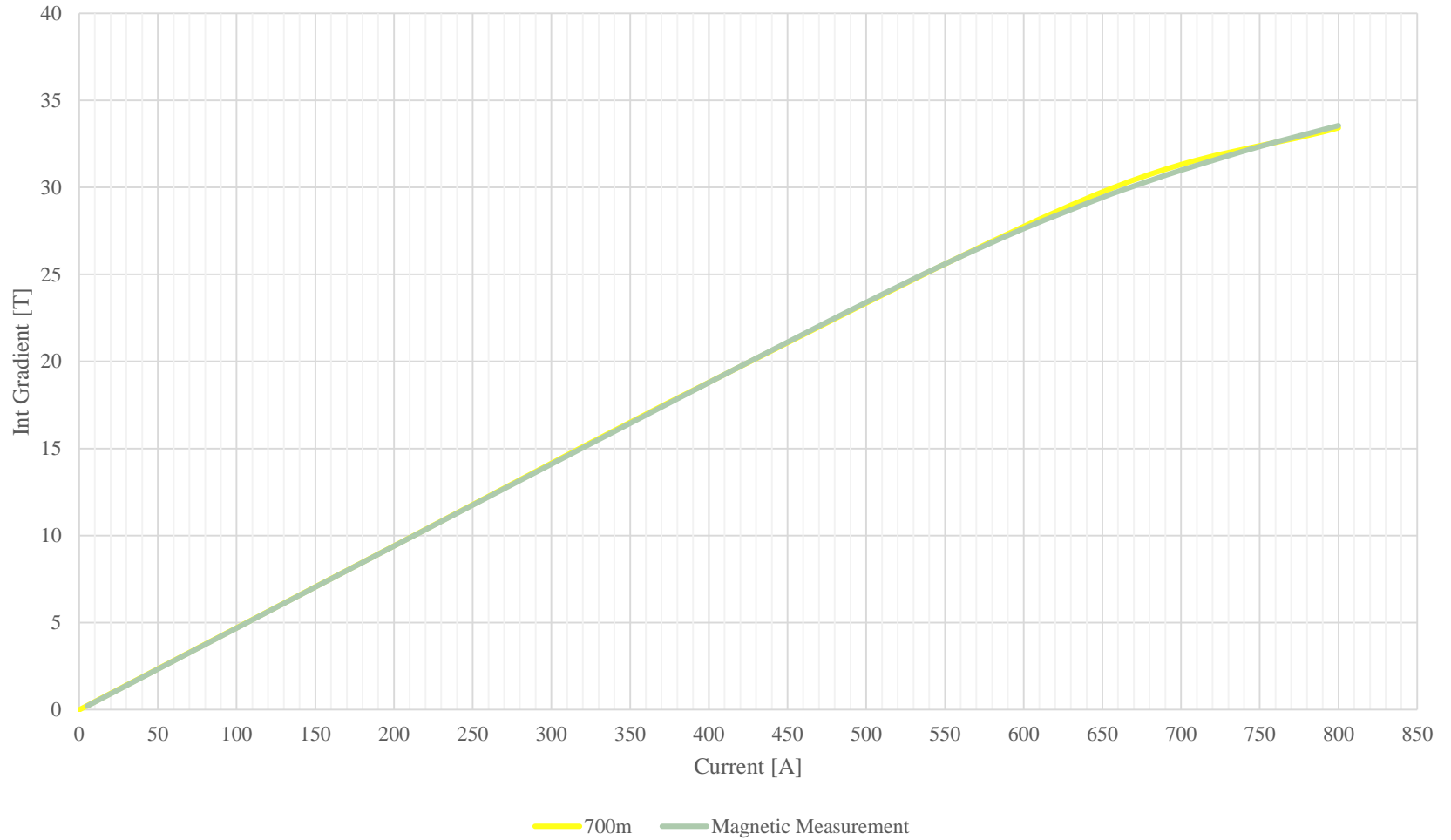


CR200 magnetic measurements

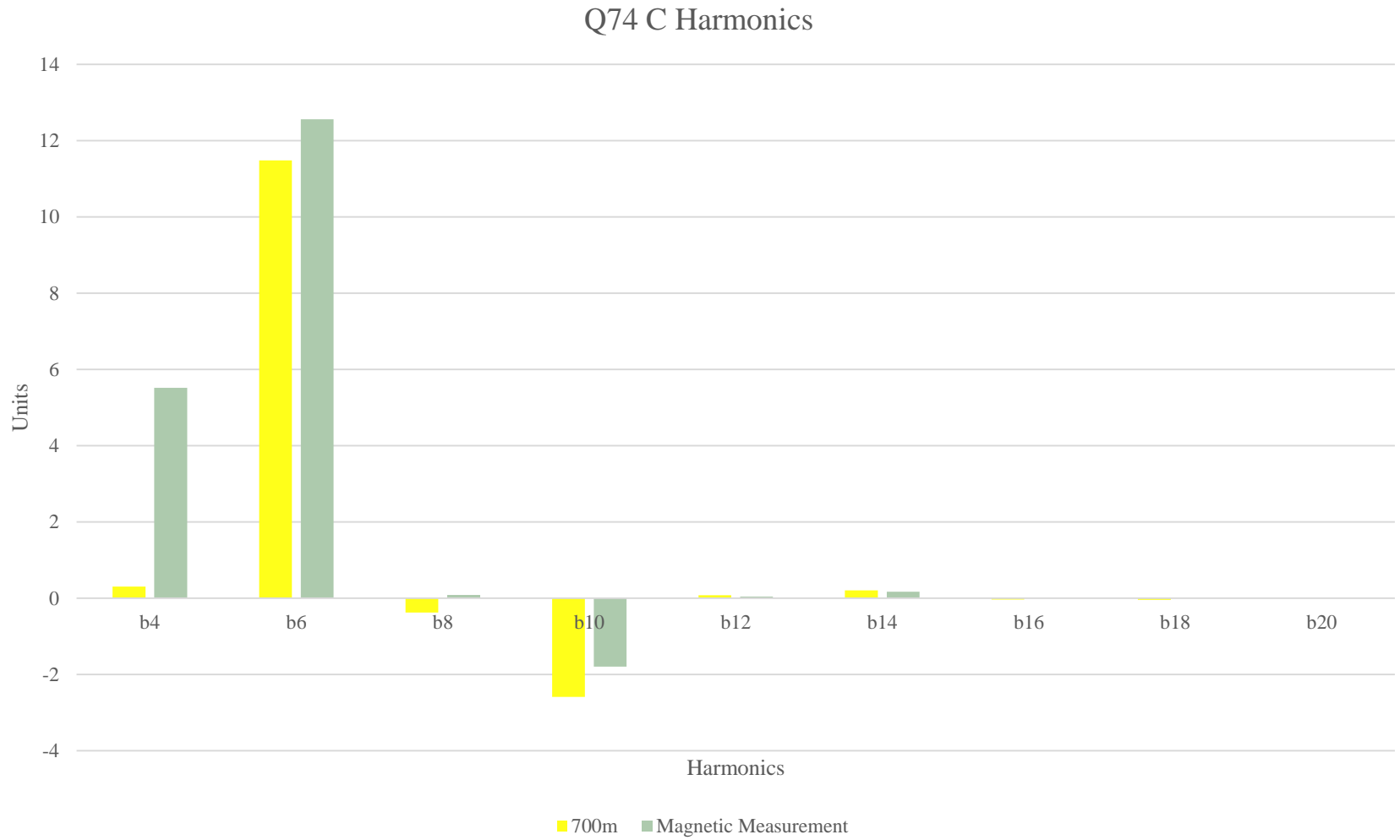


Q74 C magnetic measurements

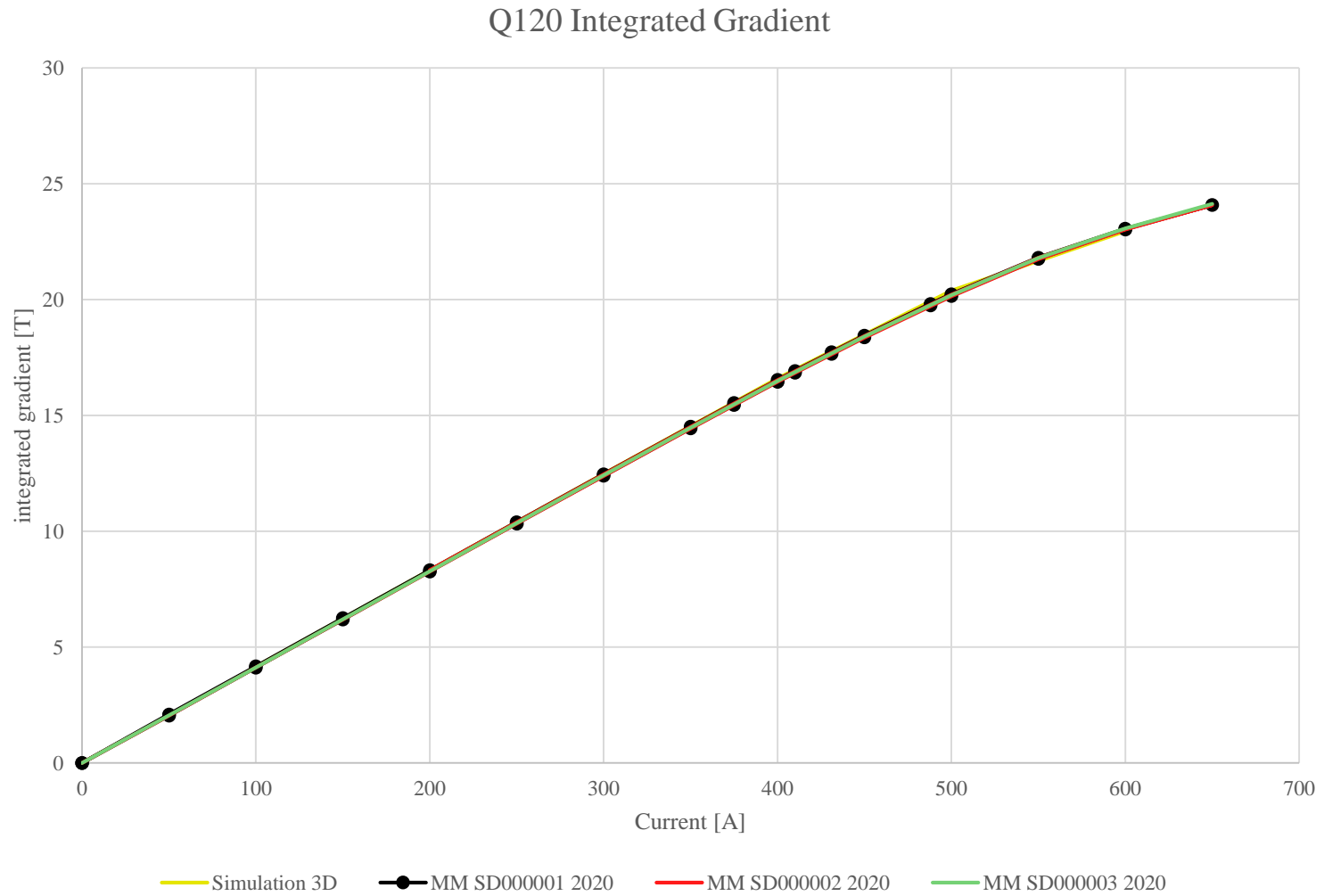
Q74 C Integrated Gradient



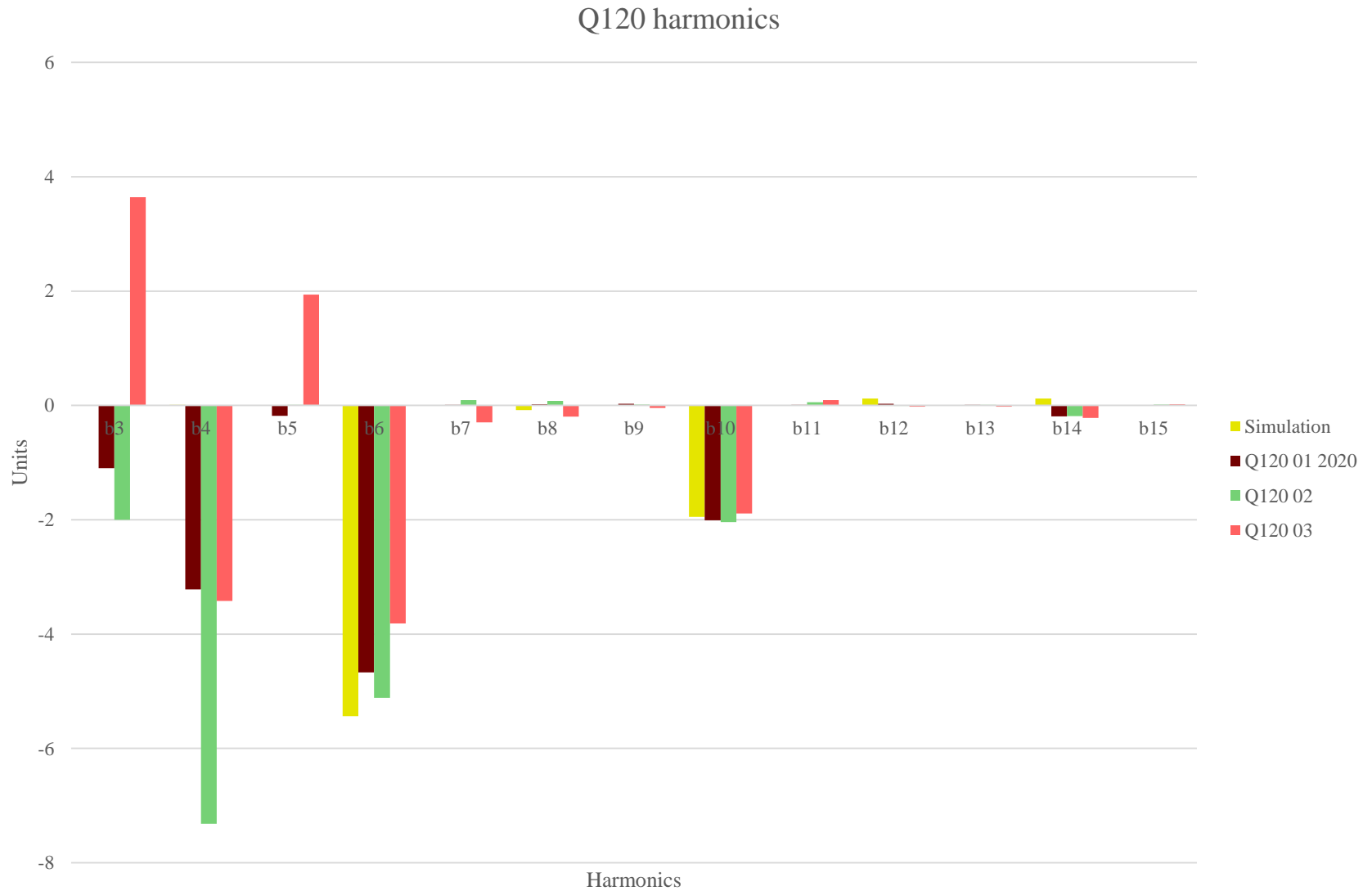
Q74 C magnetic measurements



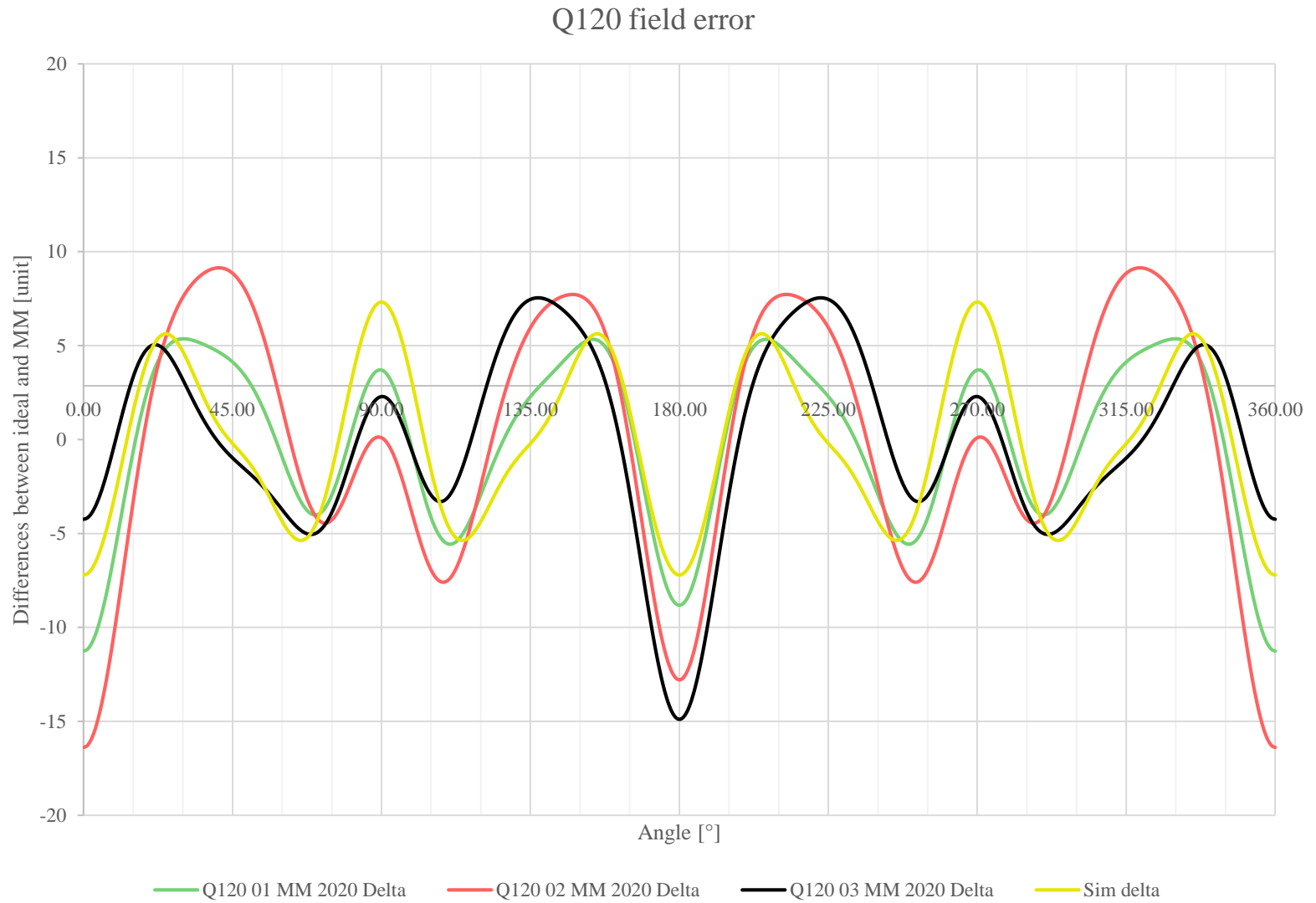
Q120 magnetic measurements



Q120 magnetic measurements



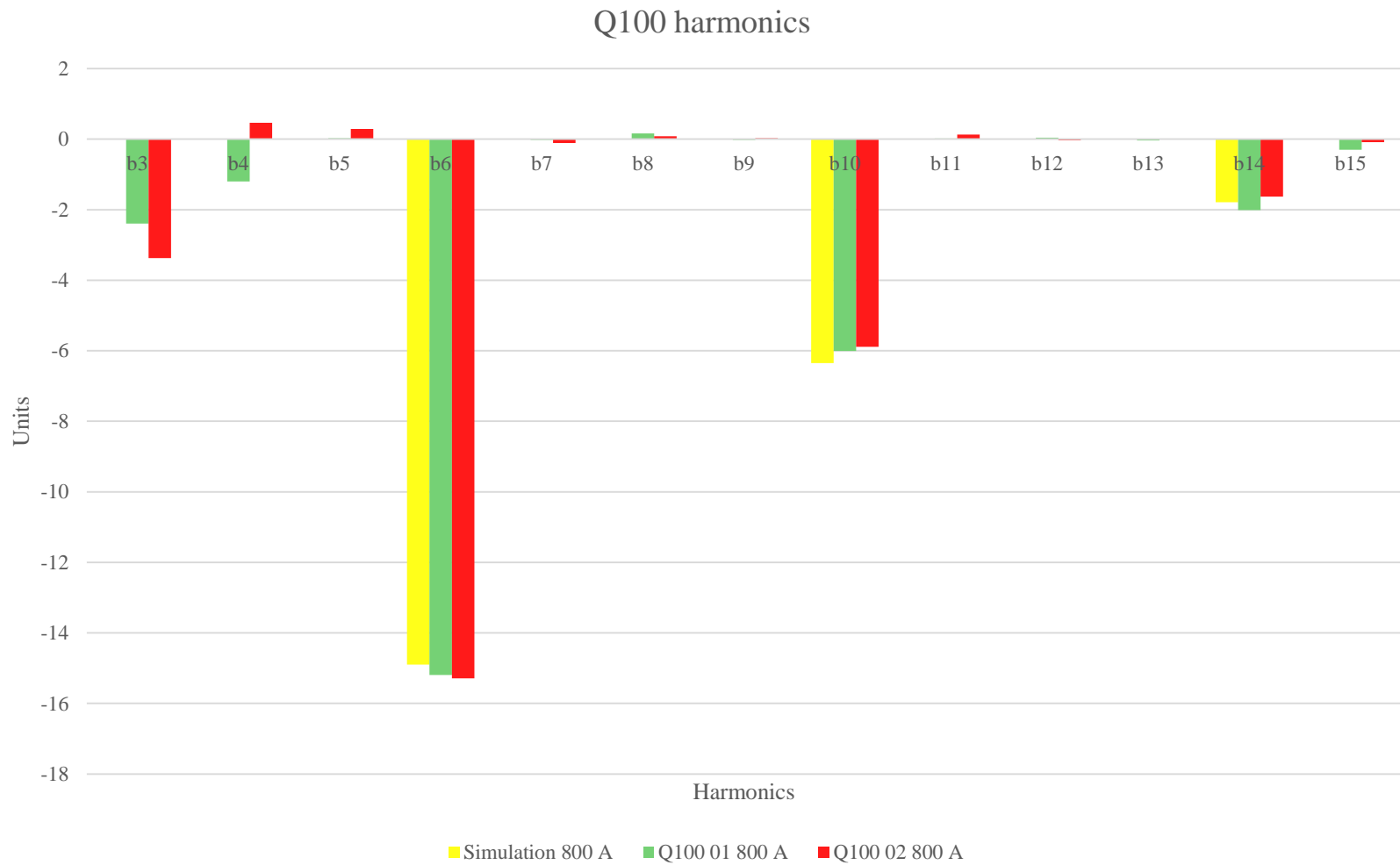
Q120 magnetic measurements



Q100 magnetic measurements



Q100 magnetic measurements



Q100 magnetic measurements

