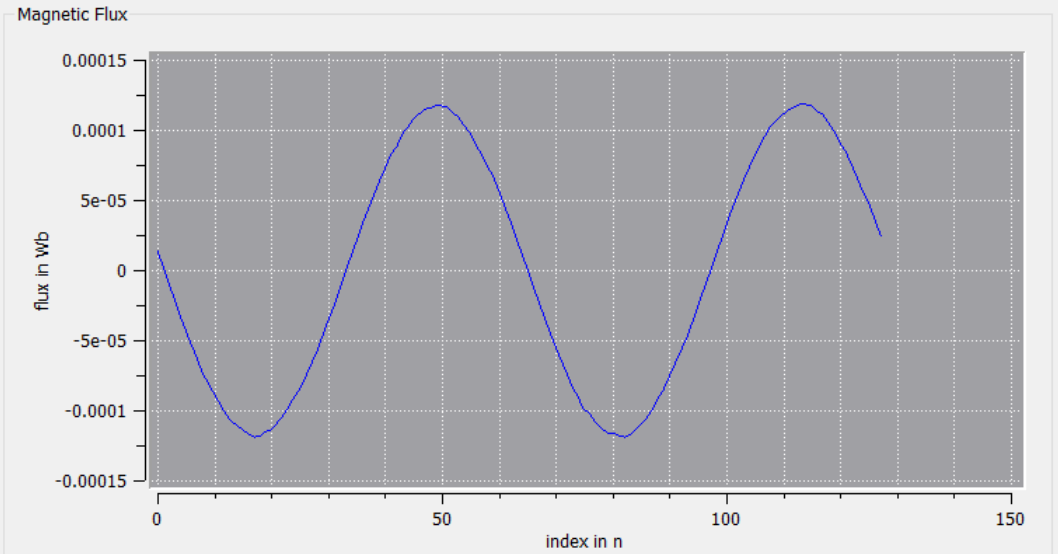
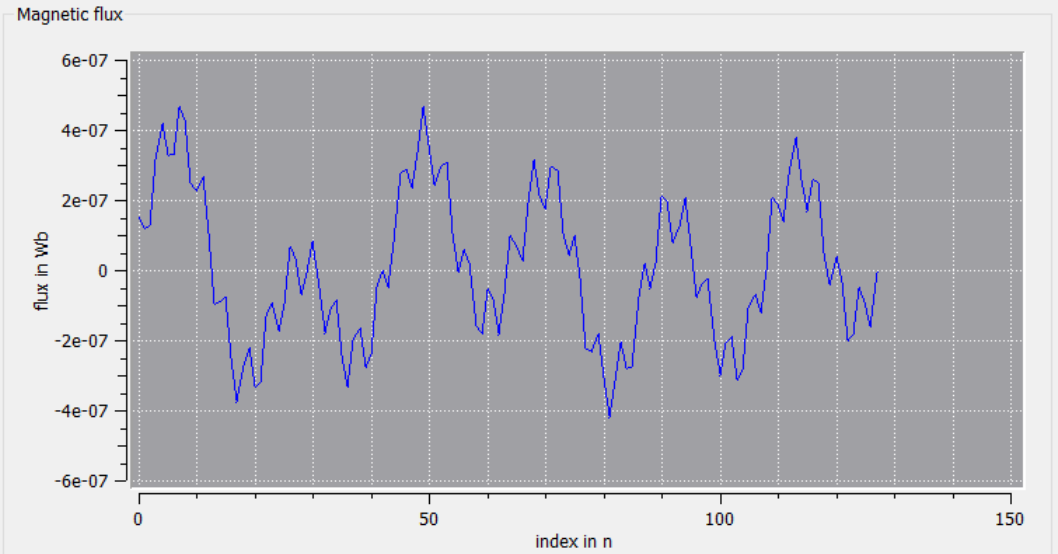
Quadrupole as built with 10 A





Quantity	Average
Number of turns	66
Current [A]	0.000
Main Field [mT]*	10.761
Angle [rad]**	-0.031
Center X [mm]***	-0.0179
Center Y [mm]***	0.1667

* integral field measured by the coil and divided by the coil length, expressed at Rref

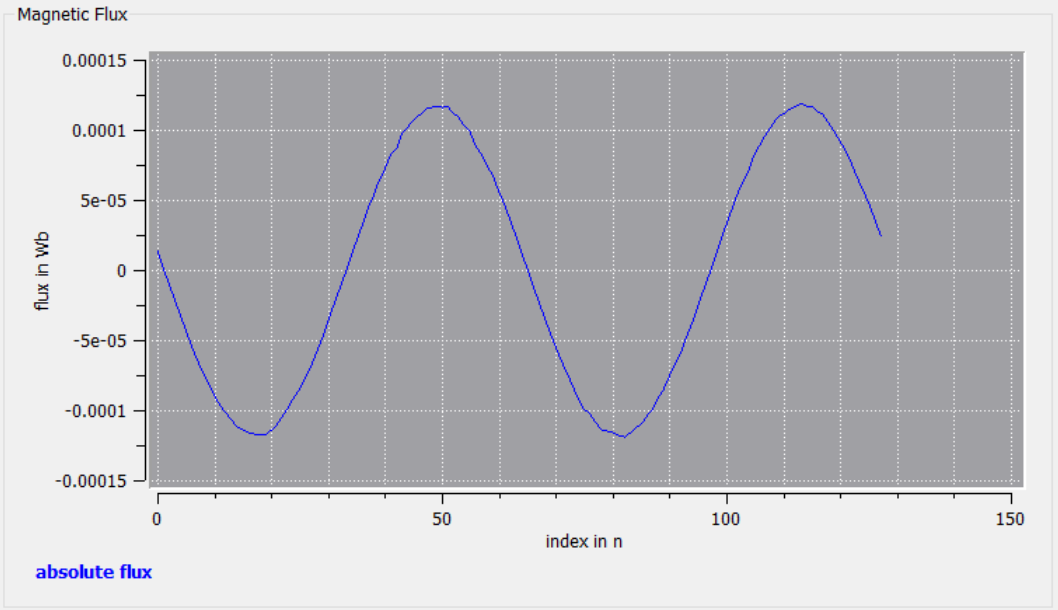
** angle referred to the encoder zero index

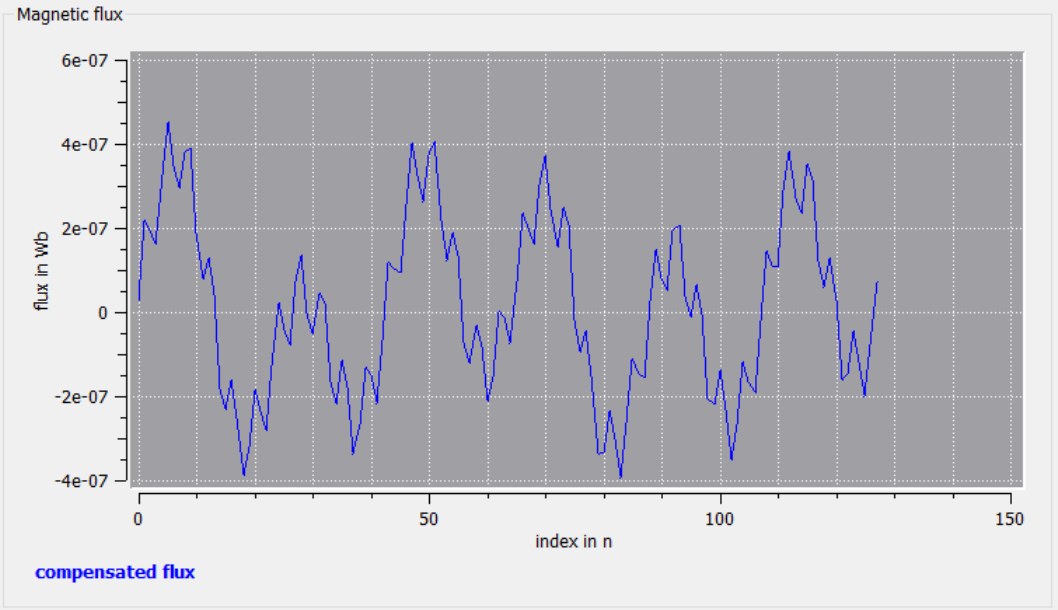
*** center coordinates referred to the magnetic frame

Order	bn*	an*
1	0.00	0.00
2	0.00	0.00
3	-2.70	-2.49
4	-2.25	0.16
5	-0.11	0.14
6	-7.08	-0.09
7	0.00	0.01
8	0.02	0.04
9	-0.01	0.01
10	0.04	0.00
11	0.00	0.00
12	0.01	-0.01
13	0.00	-0.01
14	-0.00	0.01
15	0.01	0.00

* integral multipoles measured by the coil and divided by the coil length, expressed in units of 10^-4 at Rref

Quadrupole with current trim of 1 A on one pole





Quantity	Average
Number of turns	280
Current [A]	0.000
Main Field [mT]*	10.754
Angle [rad]**	-0.031
Center X [mm]***	-0.0244
Center Y [mm]***	0.1708

* integral field measured by the coil and divided by the coil length, expressed at Rref

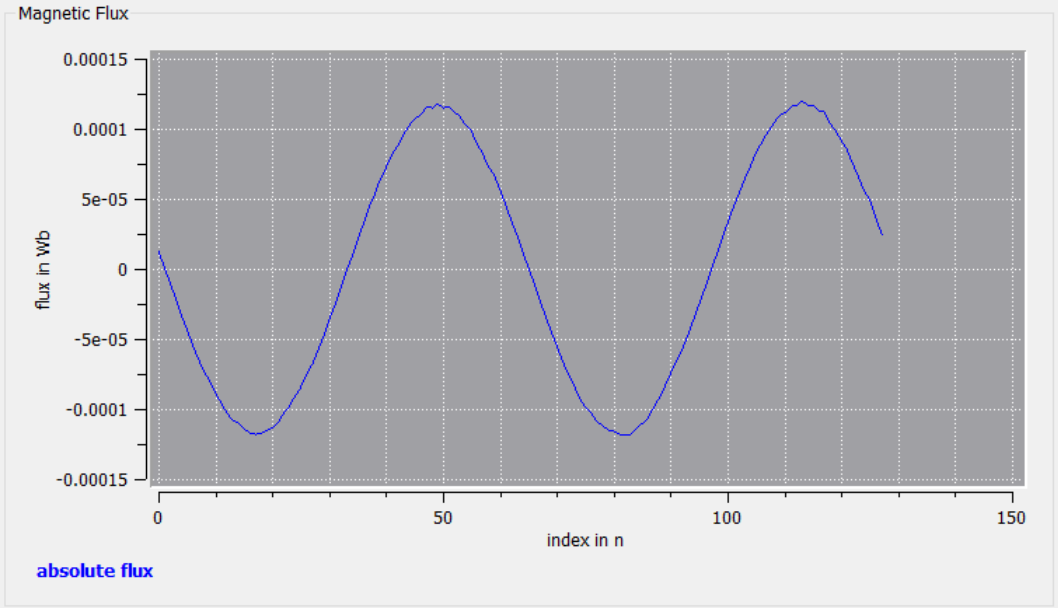
** angle referred to the encoder zero index

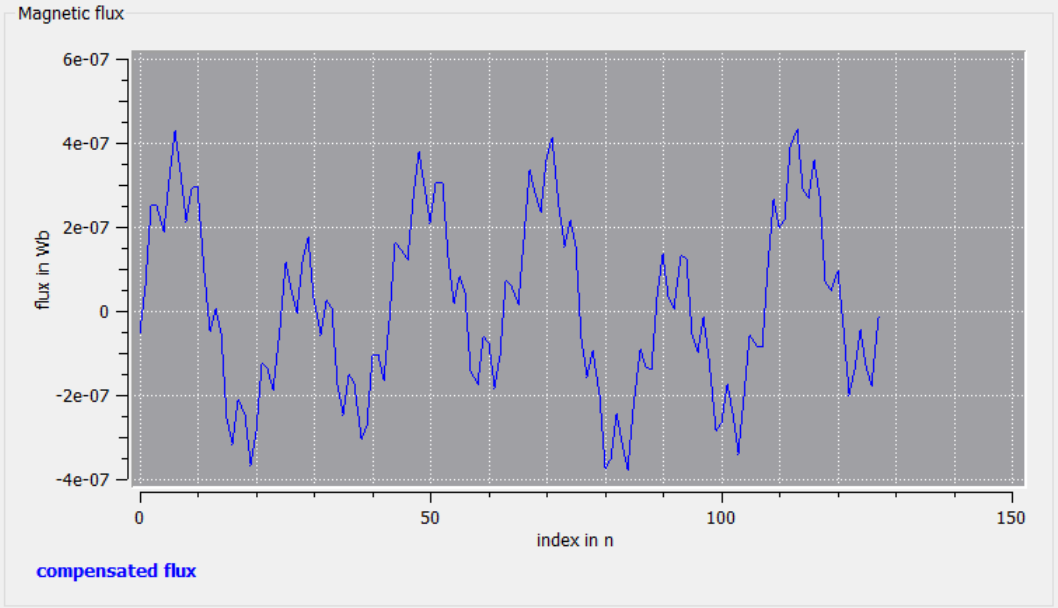
*** center coordinates referred to the magnetic frame

Order	bn*	an*
1	0.00	0.00
2	0.00	0.00
3	-1.52	-1.58
4	-2.21	0.06
5	-0.06	0.05
6	-7.16	-0.10
7	0.02	-0.02
8	0.04	-0.01
9	-0.00	-0.02
10	0.05	-0.02
11	0.02	-0.01
12	0.02	-0.00
13	0.01	-0.01
14	0.01	-0.00
15	0.01	-0.01

* integral multipoles measured by the coil and divided by the coil length, expressed in units of 10^-4 at Rref

Quadrupole with current trim of 2.5 A on one pole





Quantity	Average
Number of turns	426
Current [A]	0.000
Main Field [mT]*	10.747
Angle [rad]**	-0.031
Center X [mm]***	-0.0434
Center Y [mm]***	0.1957

* integral field measured by the coil and divided by the coil length, expressed at Rref

** angle referred to the encoder zero index

*** center coordinates referred to the magnetic frame

Order	bn*	an*
1	0.00	0.00
2	0.00	0.00
3	0.23	0.51
4	-2.41	0.15
5	-0.04	-0.02
6	-7.17	-0.00
7	-0.06	0.03
8	0.00	0.02
9	-0.03	0.01
10	0.02	0.01
11	-0.01	-0.01
12	-0.00	0.01
13	-0.01	-0.01
14	-0.01	0.01
15	-0.01	-0.00

* integral multipoles measured by the coil and divided by the coil length, expressed in units of 10^-4 at Rref