

Table 1: Field harmonics from ERHIC-PMQ_0502_0002_001 at R=10mm. The nominal magnet length is 57.4412mm and the average field corresponds to 23.6514 T/m.

Field harmonic	Normal units	Skew units
Dipole	-0.00	-0.00
Quadrupole	10000.00	-0.00
Sextupole	-2.53	-1.59
Octupole	1.06	0.36
Decapole	-0.54	-0.04
Dodecapole	-0.12	-0.01
14-pole	-0.01	0.03
16-pole	-0.01	-0.00
18-pole	-0.00	-0.00
20-pole	-0.00	0.00
22-pole	0.00	0.00
24-pole	0.00	-0.00
26-pole	-0.00	-0.00
28-pole	0.00	0.00
30-pole	-0.00	-0.00
32-pole	0.00	0.00
34-pole	0.00	0.00
36-pole	0.00	-0.00
38-pole	-0.00	0.00
40-pole	-0.00	0.00