

Table 1: Field harmonics from ERHIC-PMQ_1504_0002_001 at R=25mm. The nominal magnet length is 133.3mm and the average field corresponds to -11.6287 T/m.

Field harmonic	Normal units	Skew units
Dipole	-0.00	-0.00
Quadrupole	10000.00	0.00
Sextupole	-0.68	0.43
Octupole	-1.02	-1.19
Decapole	0.48	0.05
Dodecapole	0.38	0.63
14-pole	-0.38	-0.03
16-pole	0.05	-0.28
18-pole	0.06	-0.15
20-pole	0.14	0.02
22-pole	-0.10	0.05
24-pole	-0.14	-0.01
26-pole	-0.00	-0.08
28-pole	0.07	0.02
30-pole	0.02	0.03
32-pole	0.01	-0.01
34-pole	0.02	-0.00
36-pole	0.33	-0.07
38-pole	0.03	-0.02
40-pole	-0.02	-0.00