

BAF 8x20 OCTUPOLE

INTEGRATED FIELD MEASUREMENTS @ $\rho = 3.125$ IN
 EXPRESSED IN PERCENT RELATIVE TO b_4

@ I=1022.6 A

@ I=1503.6 A

@ I=2001.2 A

($\int B \cdot dl = 39.554$ KG · in)

($\int B \cdot dl = 57.934$ KG · in)

($\int B \cdot dl = 75.379$ KG · in)

n	a_n	b_n
1	0.0	0.01
2	0.0	0.01
3	-0.21	-0.20
4	0.01	100.00
5	-0.03	-0.01
6	-0.01	-0.06
·	·	·
·	·	·
·	·	·
12	0.00	0.40

n	a_n	b_n
1	0.0	0.0
2	0.0	0.01
3	-0.22	-0.24
4	0.0	100.00
5	-0.04	-0.01
6	-0.01	-0.06
·	·	·
·	·	·
·	·	·
12	0.00	0.40

n	a_n	b_n
1	-0.01	0.0
2	0.0	0.0
3	-0.16	-0.29
4	0.01	100.00
5	-0.07	-0.02
6	0.00	-0.07
·	·	·
·	·	·
·	·	·
12	0.00	0.39

* The boxed terms are allowed by mechanical symmetry.

Note: All terms (including the n=20 allowed harmonic) omitted from table are < 0.03%