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## *Superconducting Magnet 400/107*

### Characteristic Data

Proton Frequency	400 MHz
Central Field	9.40 Tesla
Coil Inductance	218 Henry
Magnetic Energy	423 KJoule
Main Coil Heater Current	120 mA
Shim Coil Heater Current	150 mA

	Magnet Test	System Test	Customer Site
Magnet Current A	60.5		60.4
X- Shim Current A	- 0.16		+ .2
Y- Shim Current A	+ 2.75		+ 3.9
Z- Shim Current A	+ 0.13		+ 1.8
Z <sup>2</sup> Shim Current A	- 5.50		- 5.5
XZ- Shim Current A	+3.0		+2.2
YZ- Shim Current A	-2.30		-2.4
XY- Shim Current A	-2.24		-0.8
X <sup>2</sup> -Y <sup>2</sup> - Shim Current A	-2.54		0
Frequency change due to Z <sup>2</sup> kHz	-2.80		
Magnetic center from top flange mm	*) 802		802
RT shim system angle Deg	**)		
Visa			

Remarks:

\*) Approximate values after cool down given for magnet test. Measured values given for system test.

\*\*\*) Measured from the righthand He stack to the cable input of the RT shim system



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