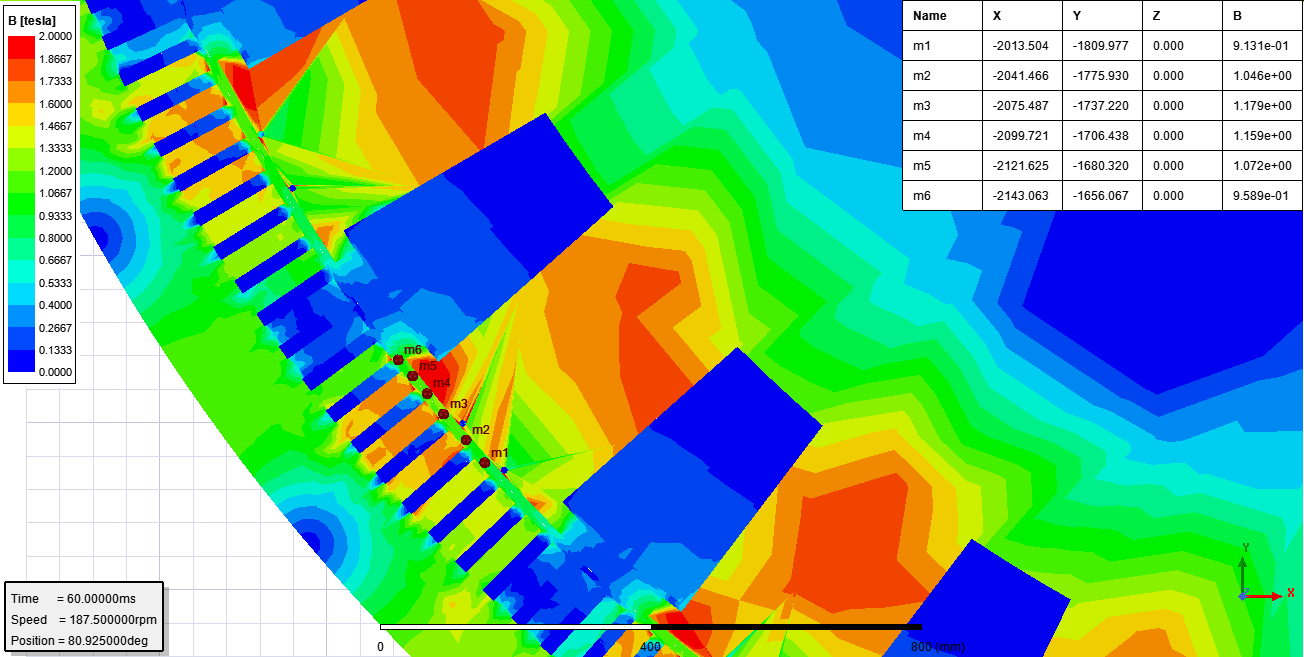
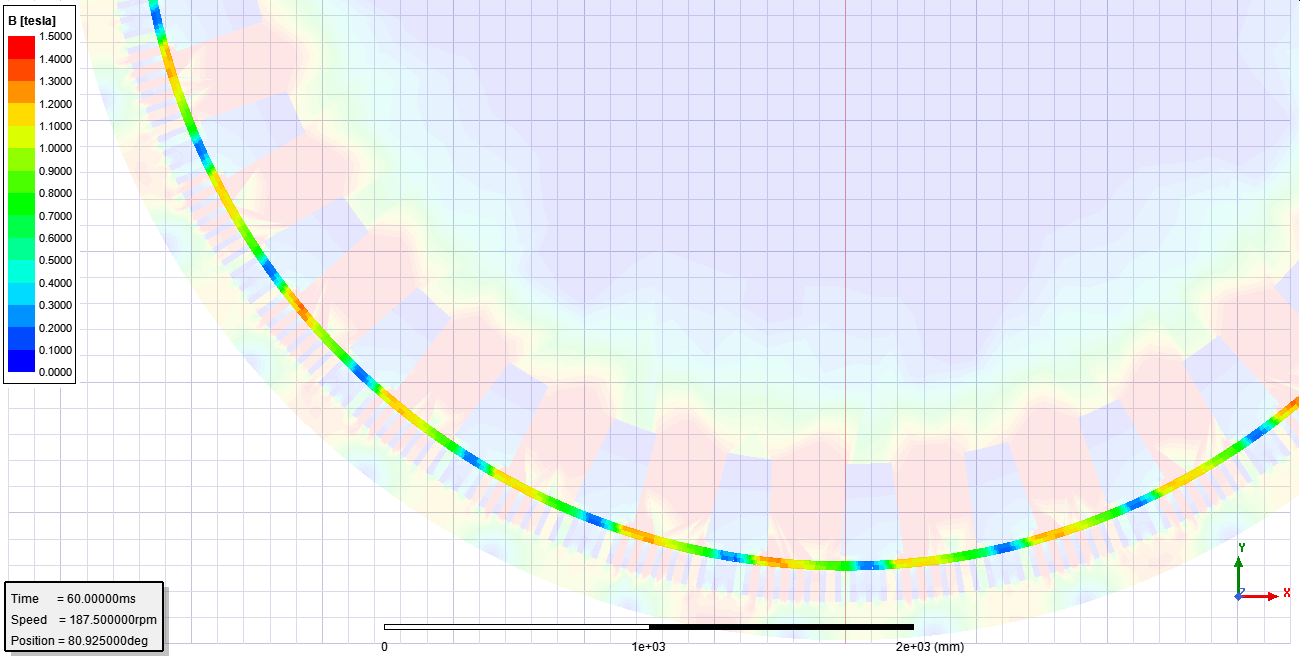
Air-gap flux density distribution of the designed hydro-generator is given in Figure xx. The air-gap flux density peak value is 1.18T which is a bit higher than the selected peak flux density, 1.05T. Also, figure xx shows only air-gap flux distribution.





Flux density distribution in the tooths of the stator are given in Figure xx. Although the calculated peak flux density is 1.75T based on sinusoidal flux distribution, approximation of the flux density in the tooths is around 1.52T. In the figure xx, the peak flux density in the tooths is 1.65T.

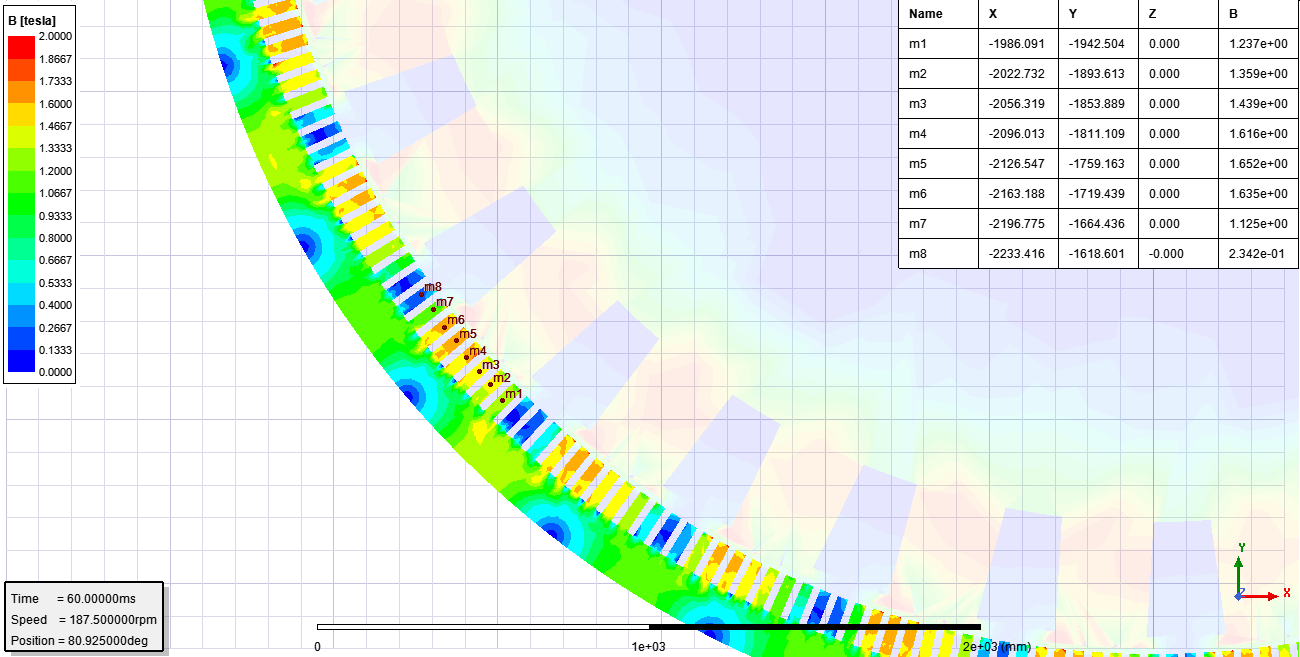


Figure xx represents the some flux density values at different points such as stator teeth, backcore iron and rotor teeth iron.

