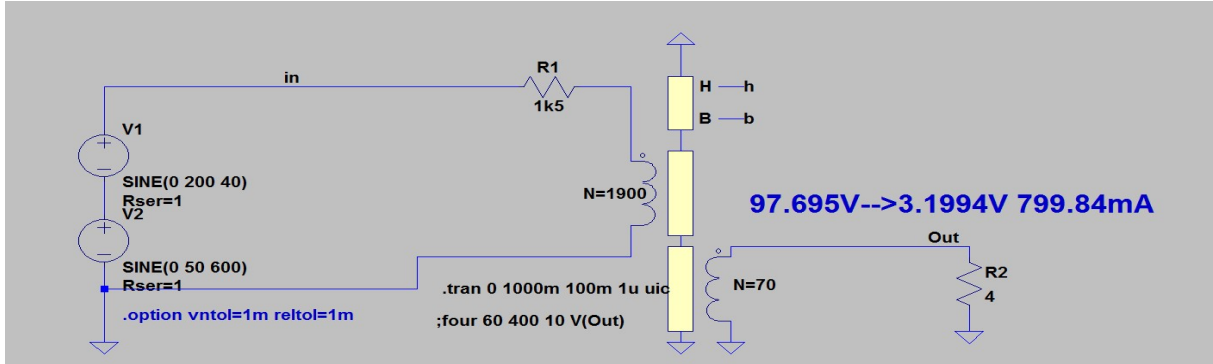


THD and IMD in transformer

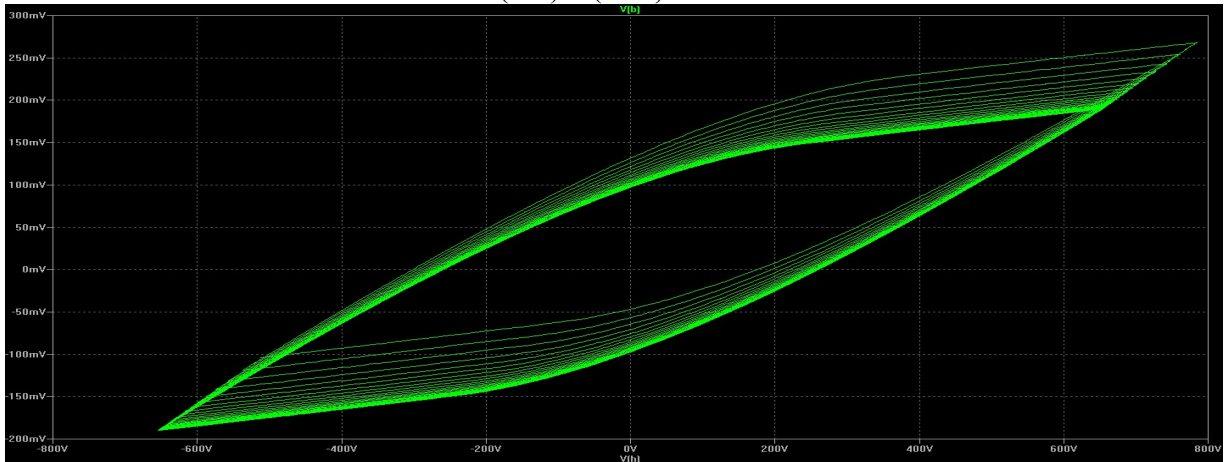
Jiles-Atherton model

Parameters of the core geometry: Area=15 cm², L_{en}=25 cm

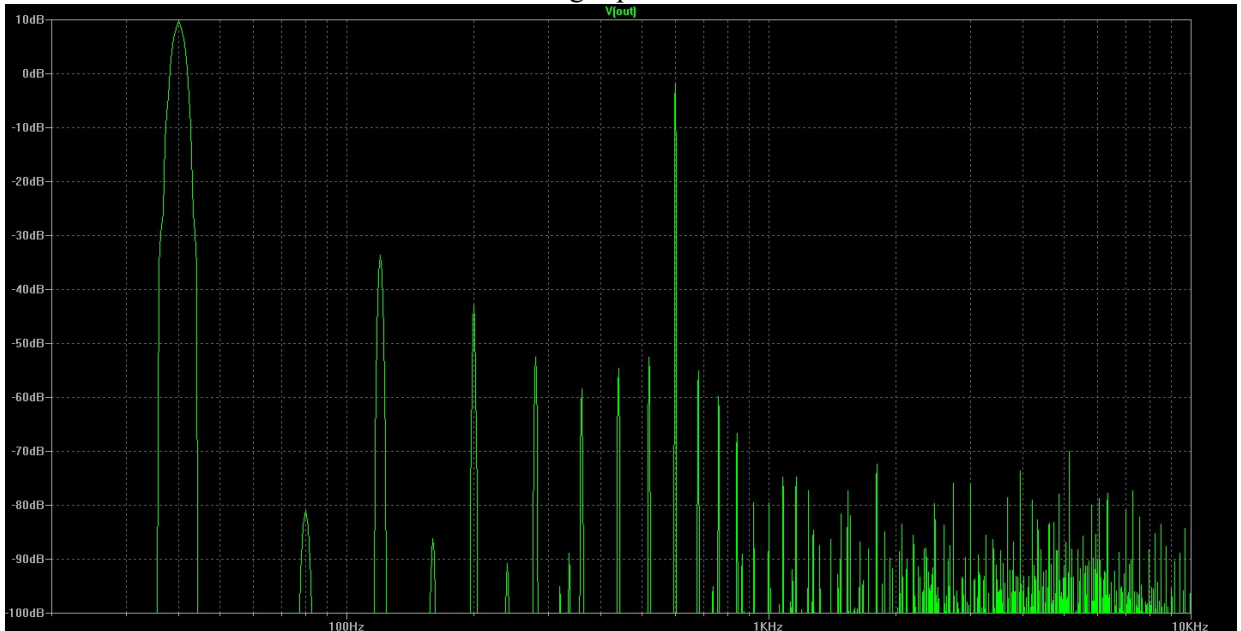
Param. of the core material: M_s=1.6 MA/m, A=1100 A/m, K=400, C=0.2



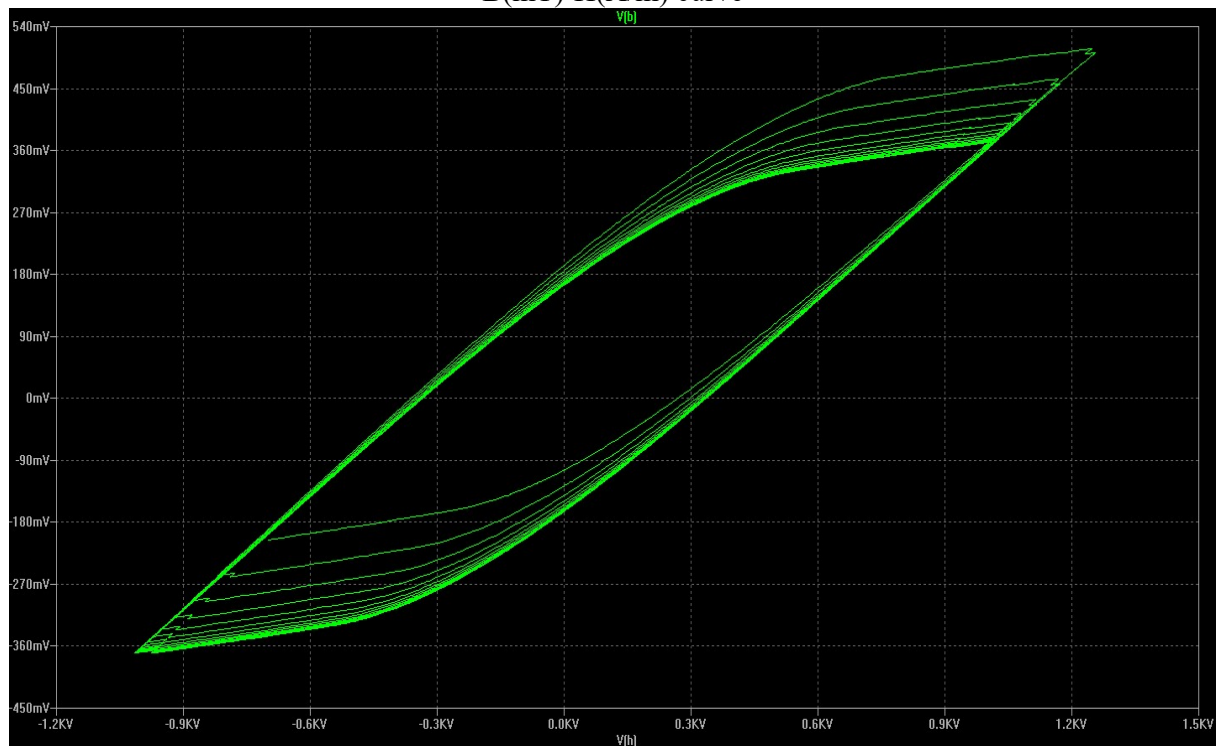
40Hz(200V_{peak}) vs. 600 Hz (50V_{peak}) @ 40hm
B(mT)-H(A/m) curve



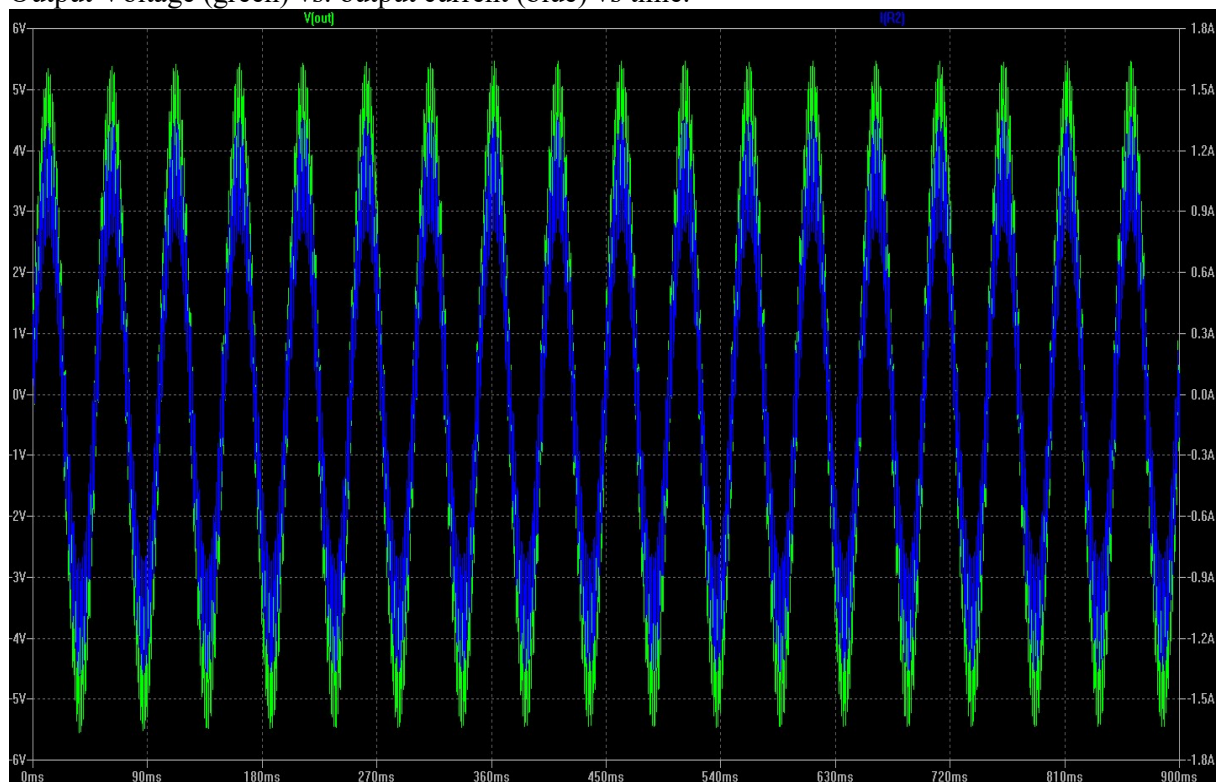
Voltage spectrum



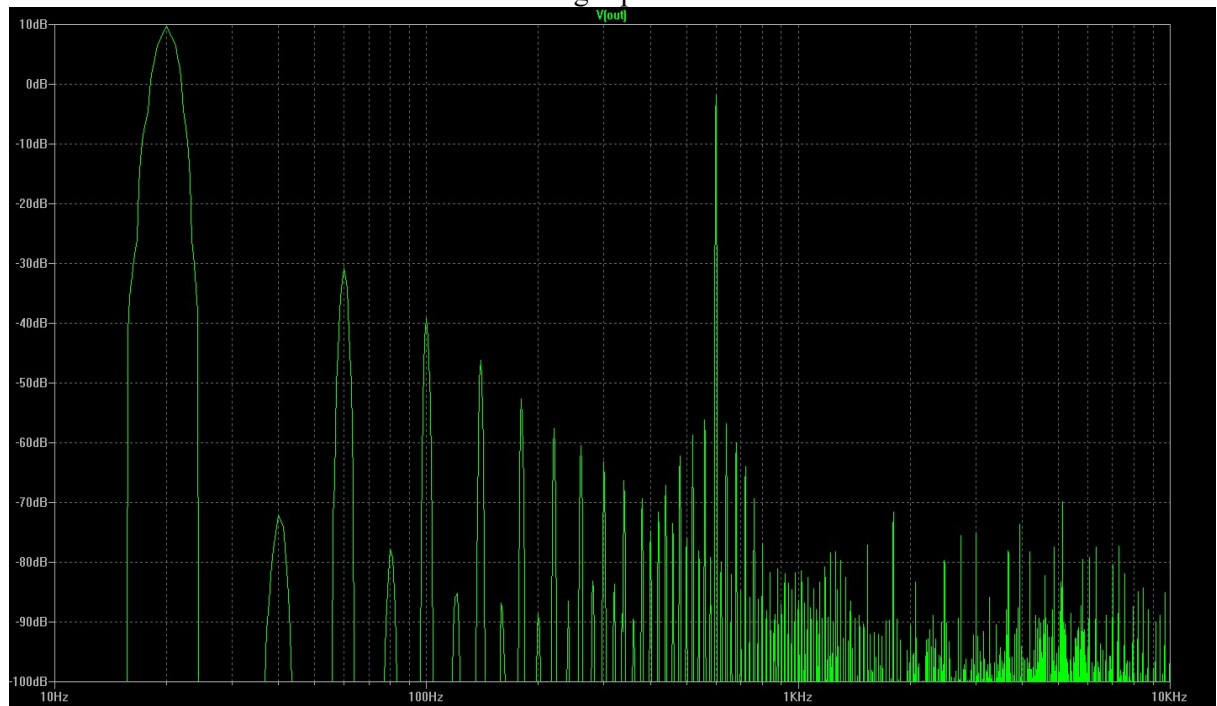
20Hz(200V_{peak}) vs. 600 Hz (50V_{peak}) @ 40hm
 B(mT)-H(A/m) curve



Output Voltage (green) vs. output current (blue) vs time.



Voltage spectrum



Current Spectrum

