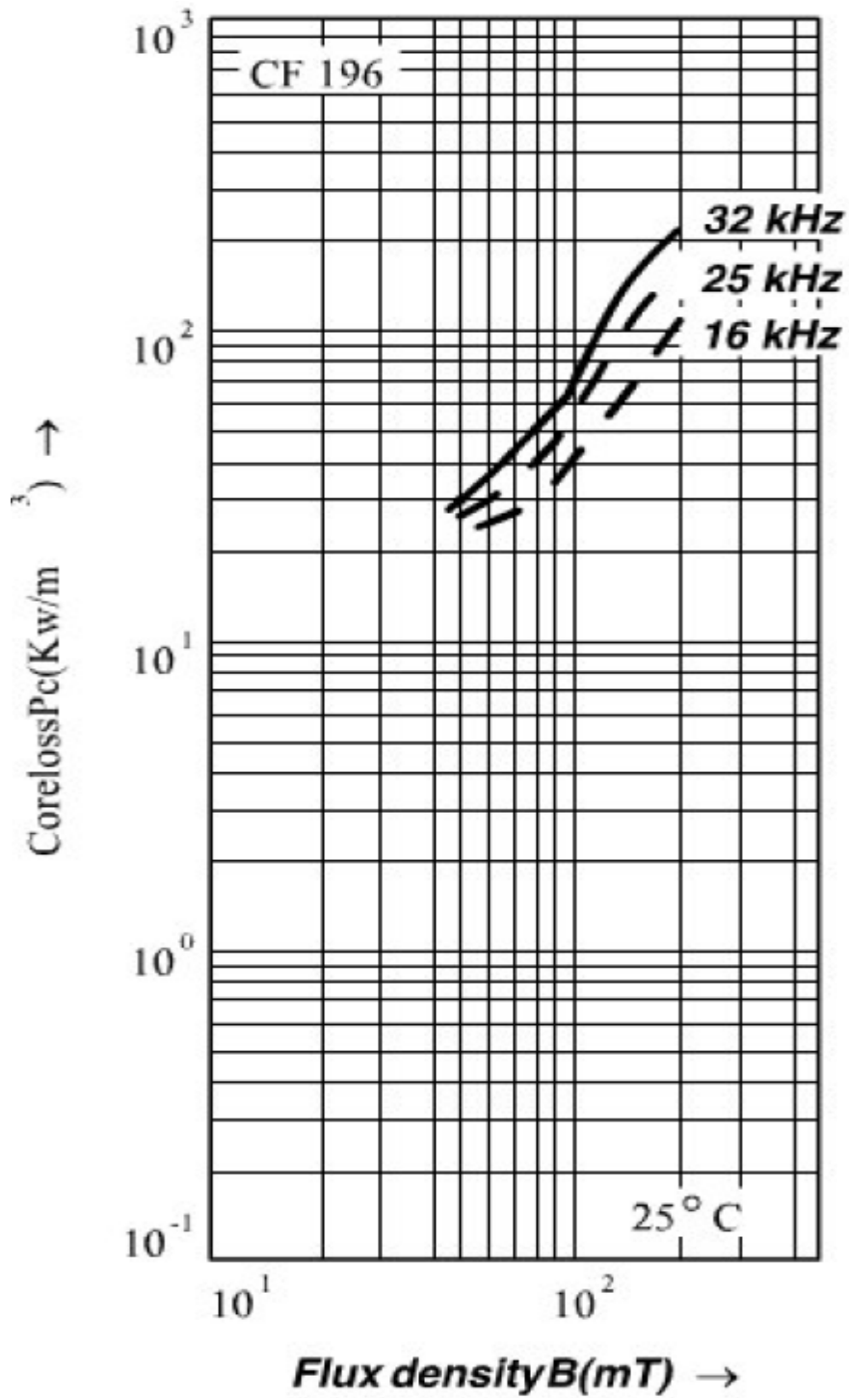


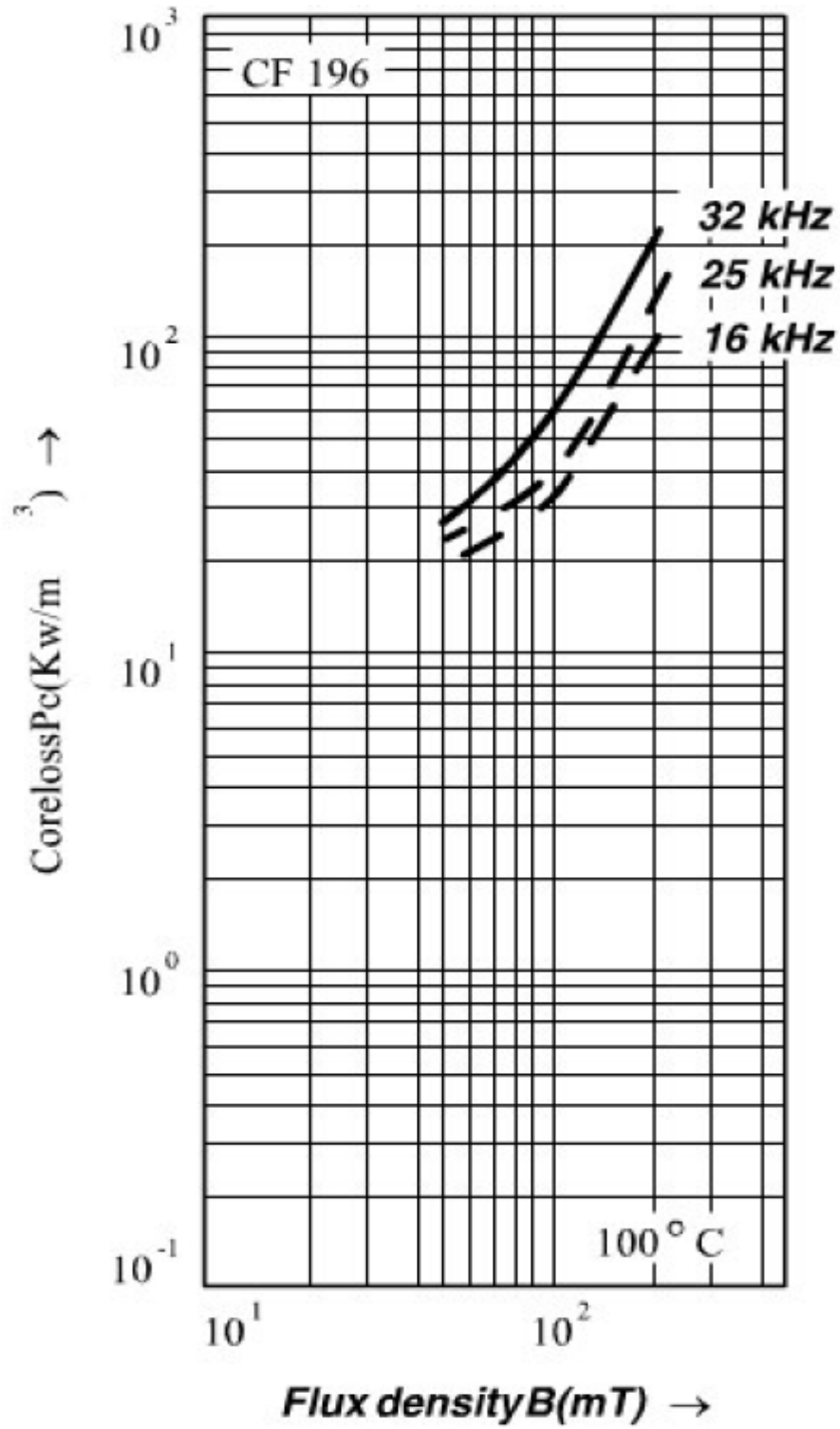
Material Properties

Material	CF 196		
Base Material	MnZn		
Property	Symbol	Unit	
Initial Permeability (T = 25 °C)	μ_i		2000±20%
Flux density H = 1000 A/m, f = 10 kHz)	B_s (25 °C) B_s (100 °C)	mT mT	500 400
Residual Flux Density	B_r (25 °C)	mT	210
Coercivity	H_c (25 °C)	A/m	16
Power loss density 16 kHz, 200 mT, 25 °C 100 °C 25 kHz, 200 mT, 25 °C 100 °C	P_v	kW/m ³	≤120 ≤110 ≤160 ≤140
Curie Temperature	T_c	°C	>220 °C
Resistivity	ρ	Ωm	0.4
Density	d	Kg/m ³	4800
Core Shapes			Toroids, E, UU, EFC, EVD, EI, EFF, EC, ETD,EER,RM,PQ, POT,PTS, EP,

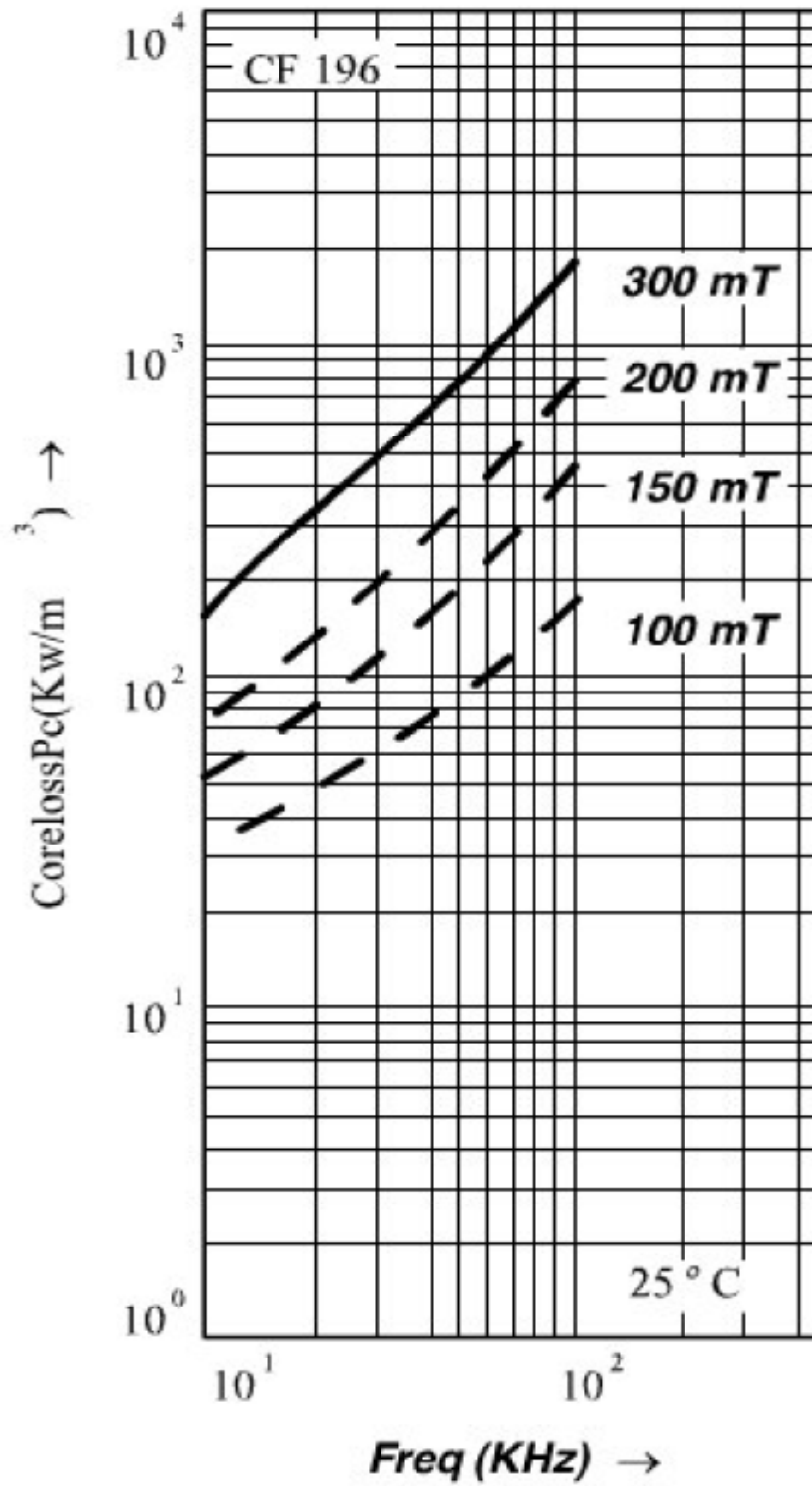
Core loss Vs Flux Density (Measured on T2512 Toroids)



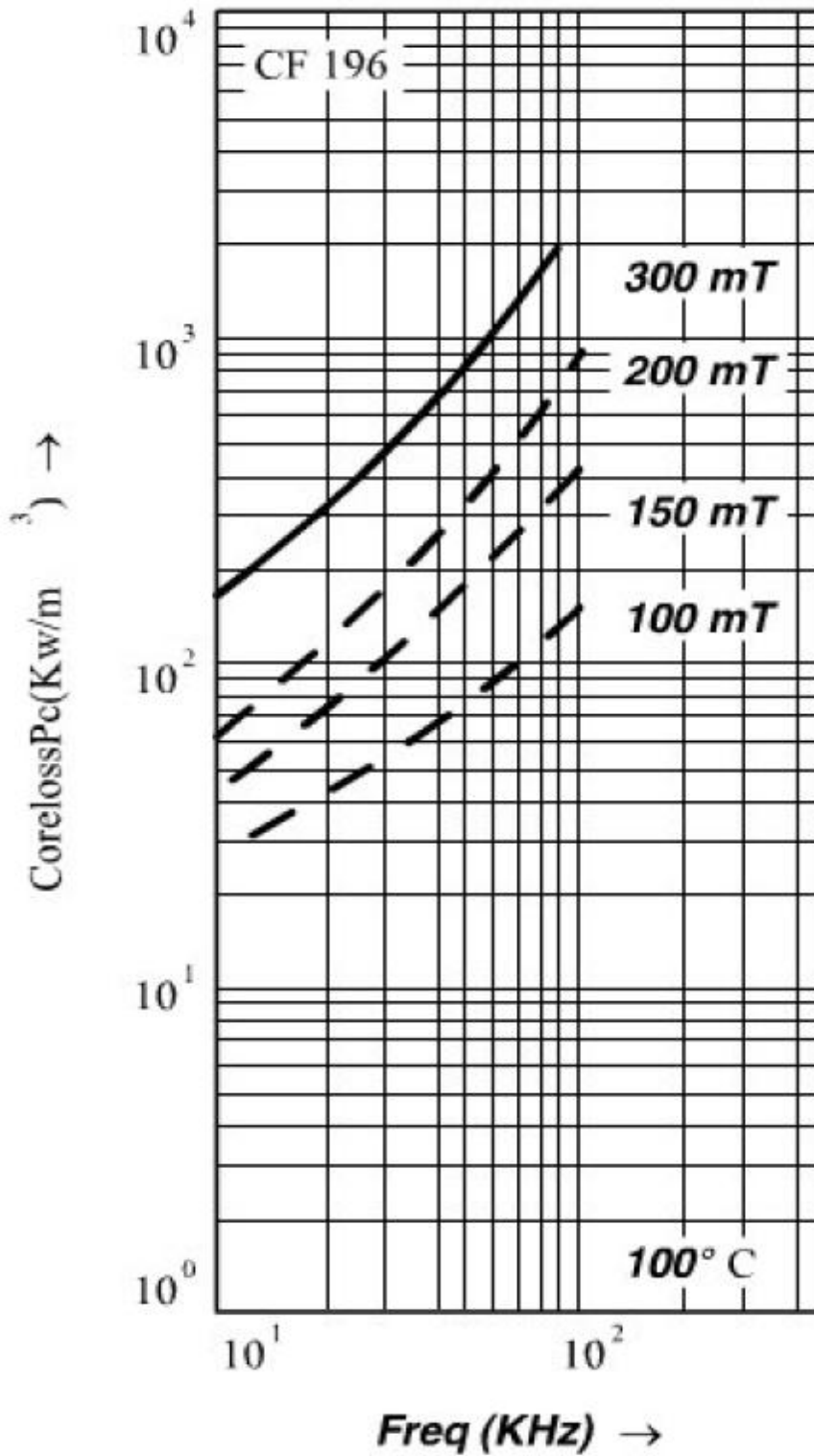
Core loss Vs Flux Density (Measured on T2512 Toroids)



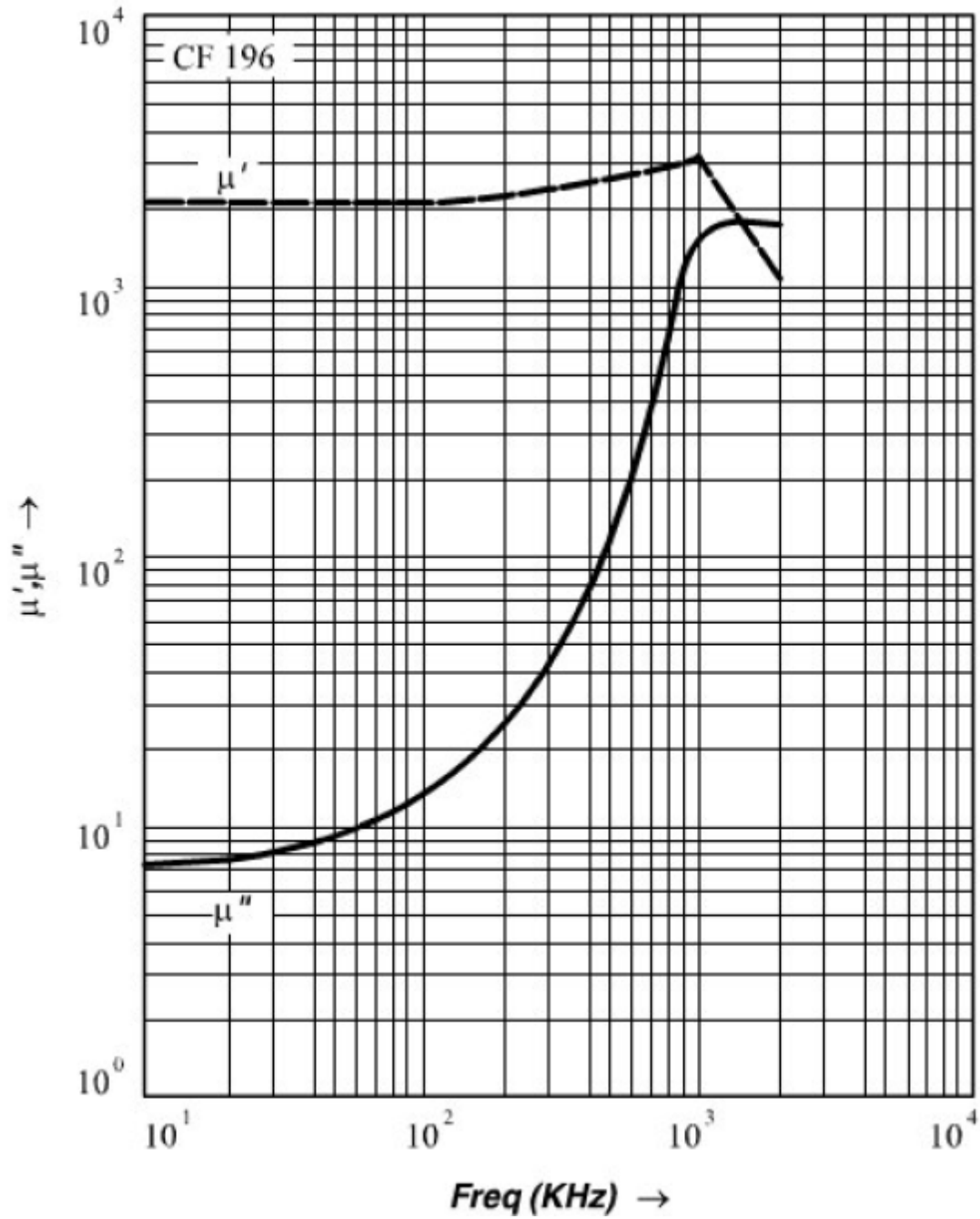
Core loss Vs Frequency (Measured on T2512 Toroids)



Core loss Vs Frequency



Complex Permeability Vs Frequency



B-H as a Function of Temperature

