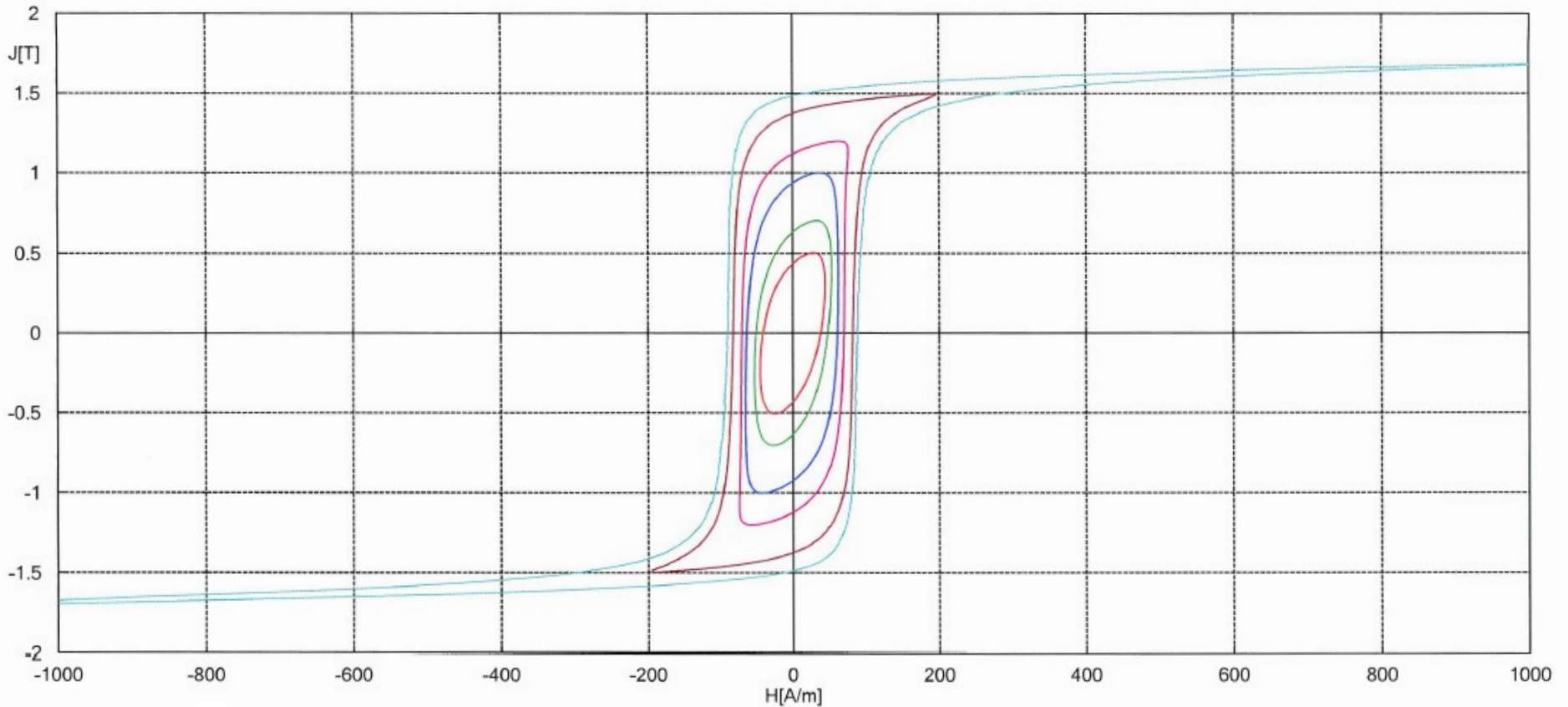


# 6 Mil Grain Oriented Silicon Steel Hysteresis Curve at 800 Hz



	1	2	3	4	5	6	
$B_{max}$	0.505	0.704	1.00	1.20	1.50	1.70	T
$H_{max}$	43.8	53.5	62.7	75.6	195	1141	A/m
$F_B$	1.109	1.109	1.109	1.109	1.107	1.110	
$B_r$	0.434	0.634	0.931	1.12	1.37	1.49	T
$H_c$	39.3	48.9	62.2	69.7	81.7	88.8	A/m
$P_s$	6.61	11.7	22.0	31.0	49.6	72.2	W/kg
$S_s$	7.7	13	24	35	74	347	VA/kg
$\mu_a$	9005	$10.6 \cdot 10^3$	$12.5 \cdot 10^3$	$12.7 \cdot 10^3$	6092	1184	

Frequency	: 800 Hz
Waveform	: Sine
Amplitude	: 2.92 V
Points per period	: 500
Spec. temp.	: 25 °C
Turns	: N1 = 30; N2 = 10
Density	: 7.65 g/cm <sup>3</sup>
Mass	: 20.46 g
Path length	: 91.01 mm
Area	: 29.386 mm <sup>2</sup>