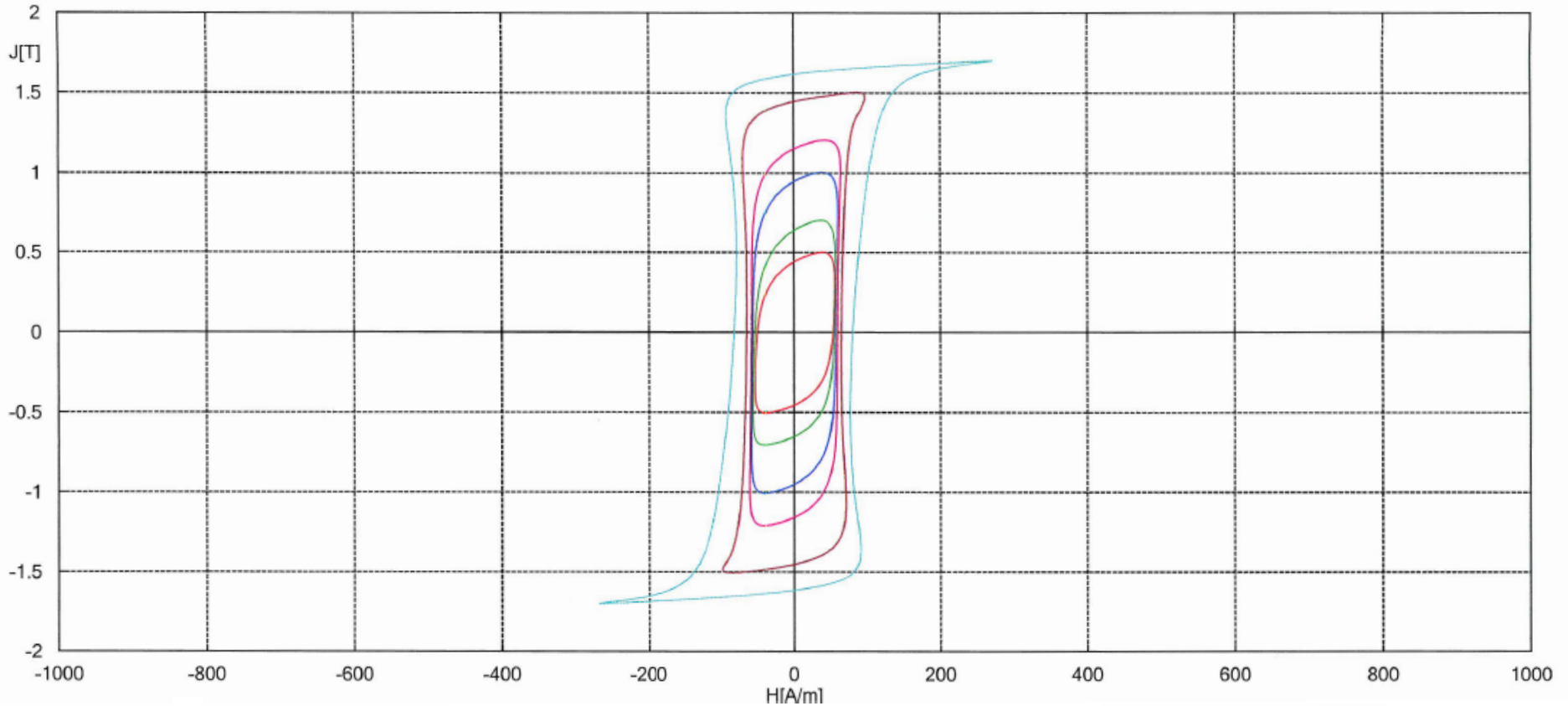


# 2 Mil Grain Oriented Silicon Steel Hysteresis Curve at 2000 Hz



	1	2	3	4	5	6	
$B_{max}$	0.502	0.703	1.01	1.21	1.50	1.70	T
$H_{max}$	55.4	57.5	60.7	63.6	97.3	273	A/m
$F_B$	1.109	1.109	1.109	1.109	1.109	1.108	
$B_r$	0.447	0.644	0.948	1.15	1.45	1.61	T
$H_c$	51.6	54.2	57.1	58.7	64.7	81.1	A/m
$P_s$	22.5	34.0	53.6	68.6	104	159	W/kg
$S_s$	26	38	58	74	123	253	VA/kg
$\mu_a$	7284	9844	$13.4 \cdot 10^3$	$15.4 \cdot 10^3$	$12.3 \cdot 10^3$	4998	

Frequency	: 2000 Hz
Waveform	: Sine
Amplitude	: 0.67 V
Points per period	: 500
Spec. temp.	: 25 °C
Turns	: N1 = 30; N2 = 10
Density	: 7.65 g/cm <sup>3</sup>
Mass	: 21.8 g
Path length	: 91.53 mm
Area	: 31.134 mm <sup>2</sup>

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