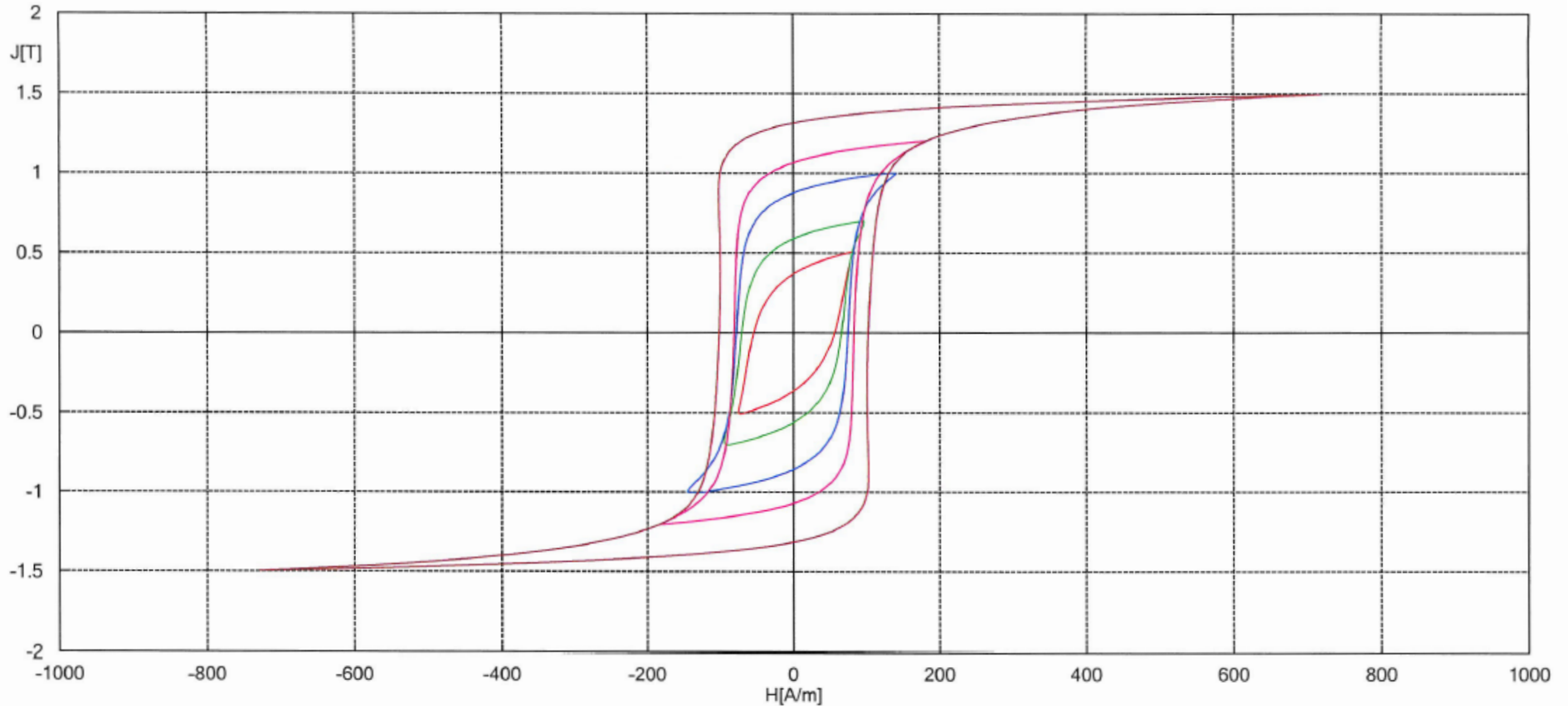


# 1 Mil Grain Oriented Silicon Steel Hysteresis Curve at 2000 Hz



	1	2	3	4	5	
$B_{max}$	0.506	0.702	1.00	1.20	1.50	T
$H_{max}$	80.9	97.3	141	181	720	A/m
$F_B$	1.109	1.109	1.108	1.108	1.105	
$B_r$	0.365	0.575	0.867	1.07	1.32	T
$H_c$	55.4	68.4	76.2	82.1	102	A/m
$P_s$	22.3	41.7	72.8	98.1	173	W/kg
$S_s$	35	58	105	149	551	VA/kg
$\mu_a$	5137	5815	5590	5266	1645	
Frequency						: 2000 Hz
Waveform						: Sine
Amplitude						: 6.7 V
Points per period						: 500
Spec. temp.						: 25 °C
Turns						: N1 = 30; N2 = 10
Density						: 7.65 g/cm <sup>3</sup>
Mass						: 19.32 g
Path length						: 92.05 mm
Area						: 27.436 mm <sup>2</sup>