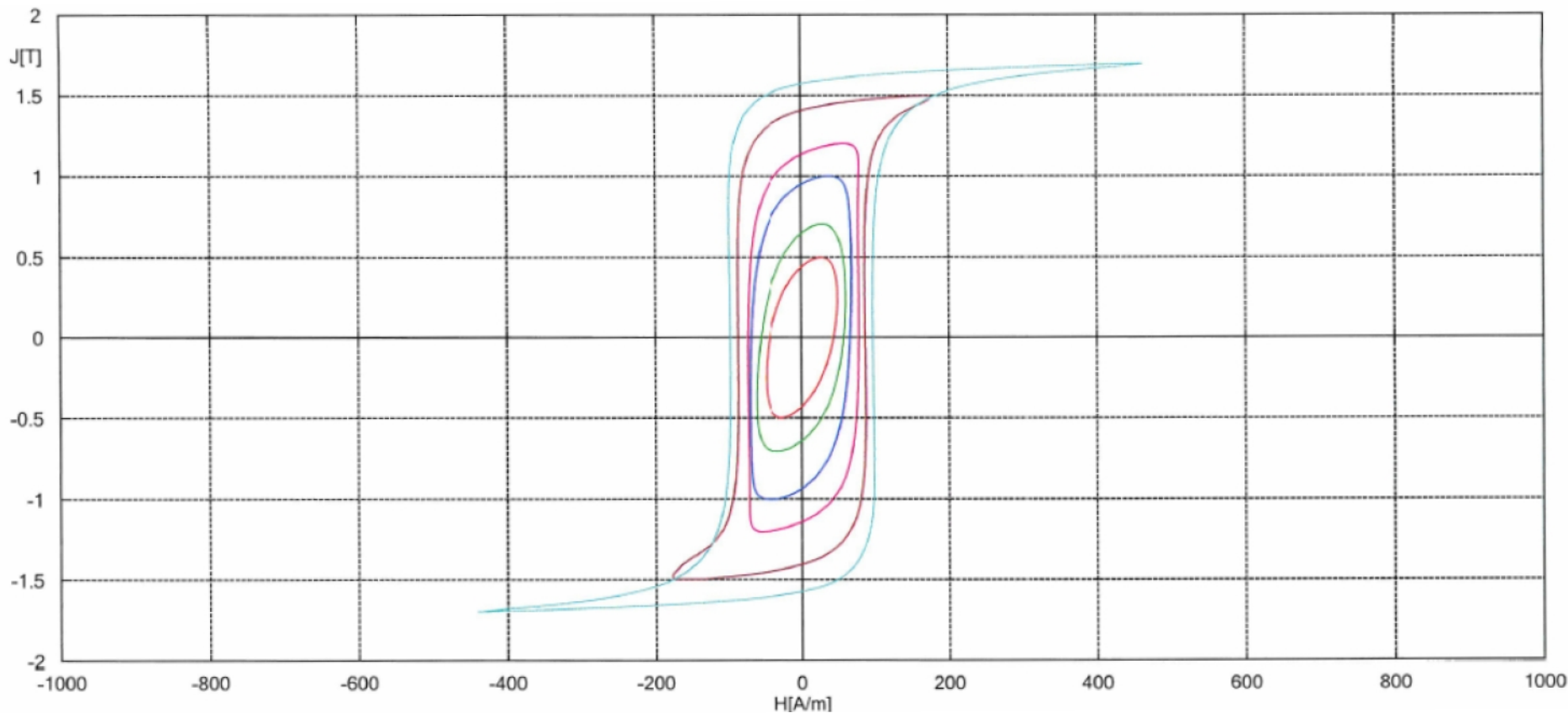


# 4 Mil Grain Oriented Silicon Steel Hysteresis Curve at 2000 Hz



	1	2	3	4	5	6		Frequency	:2000Hz
Bmax =	0.499	0.704	1.00	1.20	1.50	1.70	T	Waveform	:Sine
Hmax =	48.9	60.6	68.6	78.4	177	464	A/m	Amplitude	:0.61 V
Fb =	1.109	1.109	1.109	1.109	1.108	1.107		Points per period	:500
Br =	0.435	0.643	0.941	1.14	1.41	1.57	T	Spec. temp.	:25 °C
Hc =	43.6	56.7	68.1	76	87.5	97.6	A/m	Turns	:N1=30; N2=10
Ps =	17.14	32.12	57.17	79.22	125.28	170.5	W/kg	Density	:7.65 g/cm <sup>3</sup>
Ss =	19.78	35.79	62.17	86.66	170.5	363.61	VA/kg	Mass	:20.2 g
μs =	8077	9157	11.4-10 <sup>3</sup>	12.5-10 <sup>3</sup>	6724	2984		Path length	:91.48 mm
								Area	:28.863 mm <sup>2</sup>