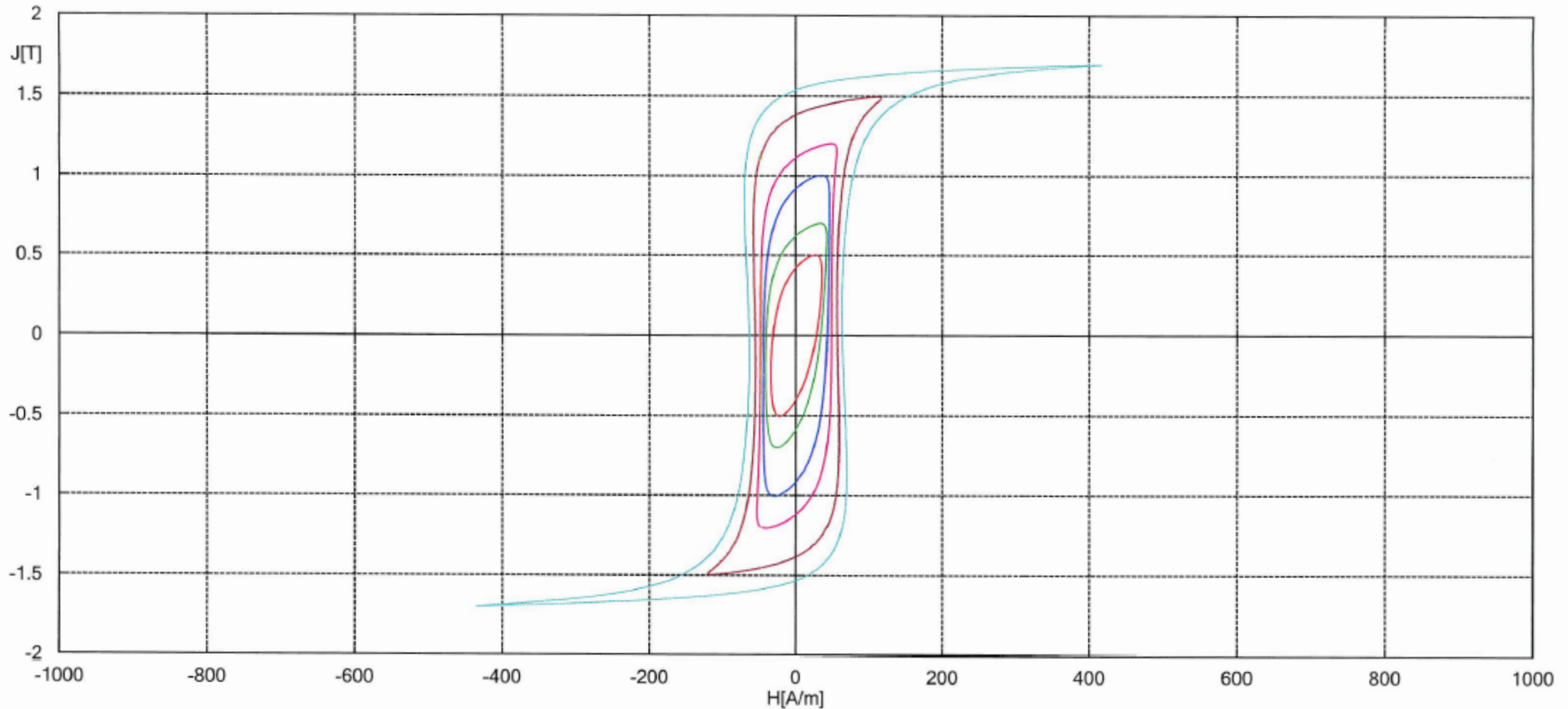


# 4 Mil Grain Oriented Silicon Steel Hysteresis Curve at 800 Hz



	1	2	3	4	5	6			
Bmax =	0.503	0.702	1.00	1.20	1.50	1.70	T	Frequency	:800Hz
Hmax =	35	42.5	46.0	55.5	117	418	A/m	Waveform	:Sine
Fb =	1.109	1.109	1.109	1.109	1.108	1.106		Amplitude	:2.82 V
Br =	0.411	0.606	0.919	1.12	1.38	1.54	T	Points per period	:500
Hc =	29.7	37.3	43.6	48.5	56.0	63.6	A/m	Spec. temp.	:25 °C
Ps =	4.63	8.37	14.6	20.63	32.97	48.23	W/kg	Turns	:N1=30; N2=10
Ss =	5.75	10.36	16.01	23.55	45.22	130.94	VA/kg	Density	:7.65 g/cm <sup>3</sup>
μs =	11.5-10 <sup>3</sup>	13.3-10 <sup>3</sup>	17.6-10 <sup>3</sup>	17.5-10 <sup>3</sup>	10.1-10 <sup>3</sup>	3165		Mass	:20.2 g
								Path length	:91.48 mm
								Area	:28.863 mm <sup>2</sup>

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