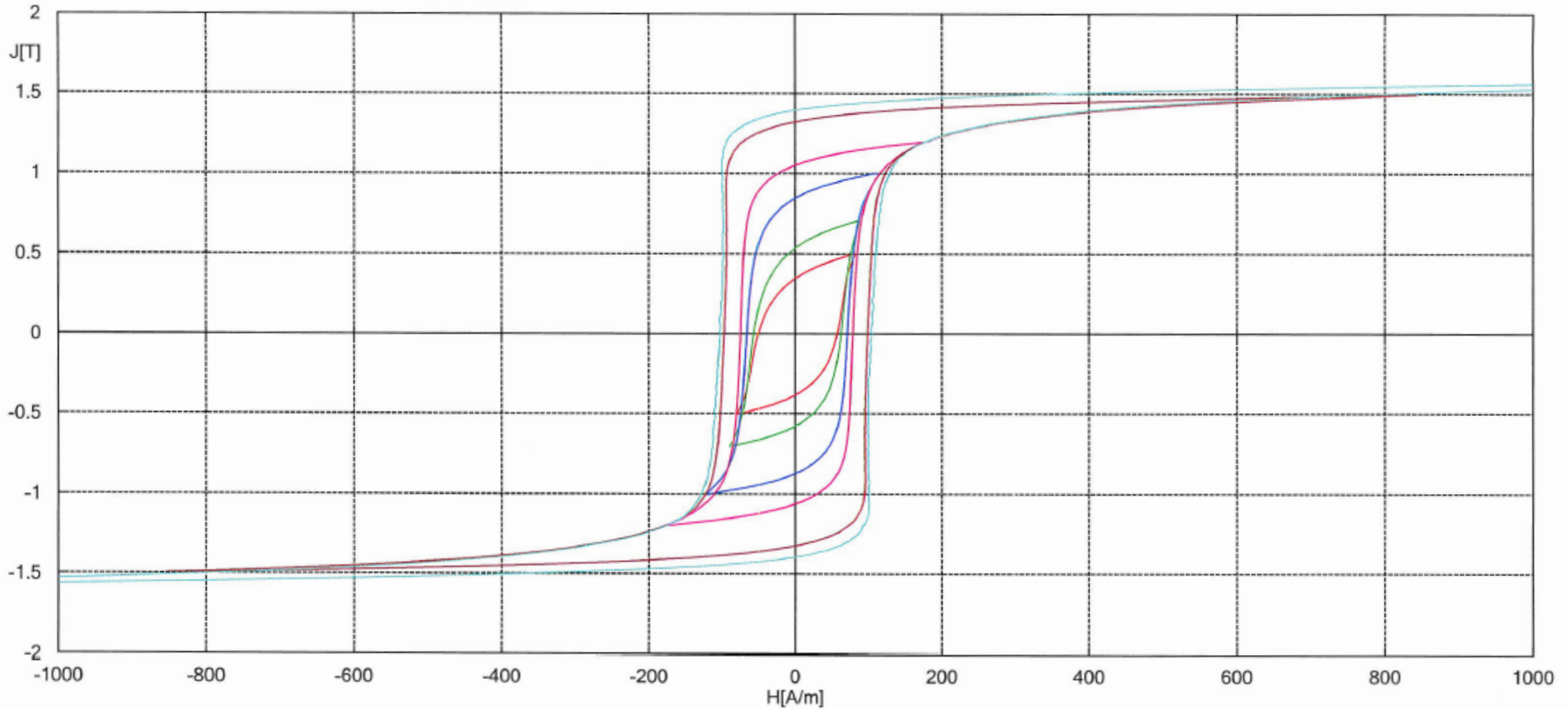


1 Mil Grain Oriented Silicon Steel Hysteresis Curve at 800 Hz



	1	2	3	4	5	6	
B_{max}	= 0.503	0.706	1.00	1.20	1.50	1.70	T
H_{max}	= 81.2	87.0	113	174	843	3937	A/m
F_B	= 1.109	1.109	1.108	1.107	1.106	1.108	
B_r	= 0.365	0.557	0.859	1.06	1.32	1.40	T
H_c	= 53.8	59.6	68.8	76.6	97.8	104	A/m
P_s	= 8.64	14.2	25.5	36.2	67.8	92.0	W/kg
S_s	= 14	21	36	56	246	1221	VA/kg
μ_a	= 4945	6373	6797	5440	1403	344	
Frequency							: 800 Hz
Waveform							: Sine
Amplitude							: 2.83 V
Points per period							: 500
Spec. temp.							: 25 °C
Turns							: N1 = 30; N2 = 10
Density							: 7.65 g/cm ³
Mass							: 19.32 g
Path length							: 92.05 mm
Area							: 27.436 mm ²