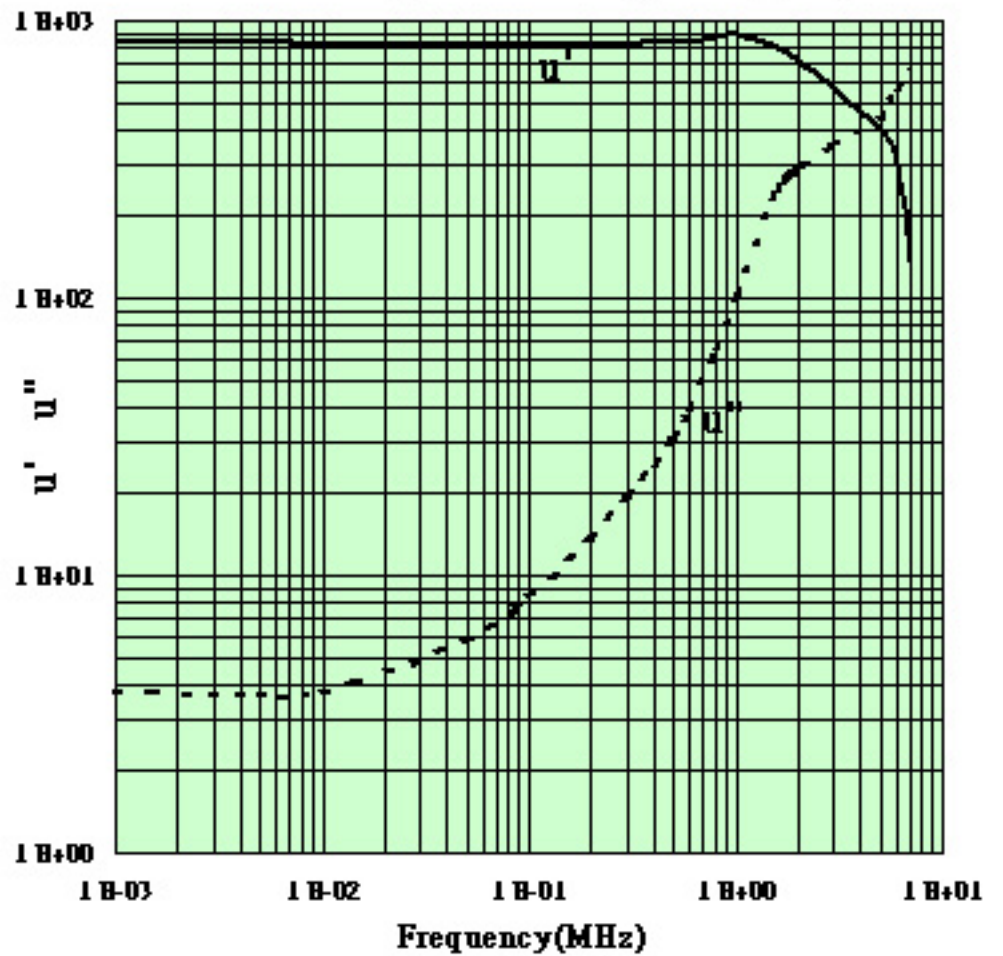


F₅ Material

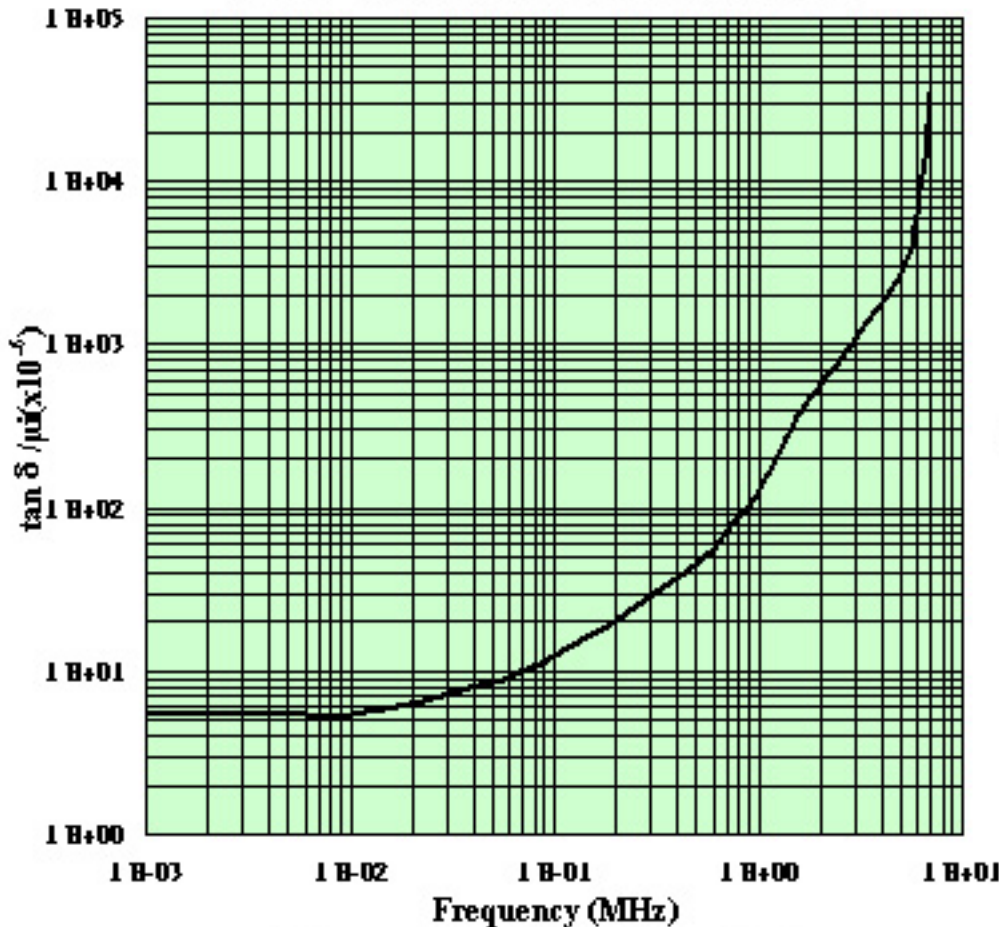
F₅ Material Specifications

Property	Unit	Symbol	Value
Initial Permeability (@B < 2.5 gauss)		μ_i	850
Saturation Flux Density	gauss	B _s	2900
(@Field Strength)	oersted	H	30
Residual Flux Density	gauss	B _r	1300
Coercive Force	oersted	H _c	0.5
Relative Loss Factor (@Frequency)	10^{-6} MHz	$\tan \delta / \mu_i$	15 0.1
Temperature Factor of Initial Permeability(20~70°C)	$10^{-6}/^{\circ}\text{C}$	$\alpha \mu_{ir}$	1To3
Curie Temperature	$^{\circ}\text{C}$	T _c	>140
Resistivity	$\Omega\text{-m}$	ρ_v	10^6

Material Complex Permeability vs. Frequency



Material Relative Loss Factor vs. Frequency



Material Initial Permeability vs. Temperature

