GT – Silver Button Technology Socket for Semiconductor Test



Application Need

Elastomers have high bandwidth
Elastomers have low resistance

Due to small thickness and mechanical coupling

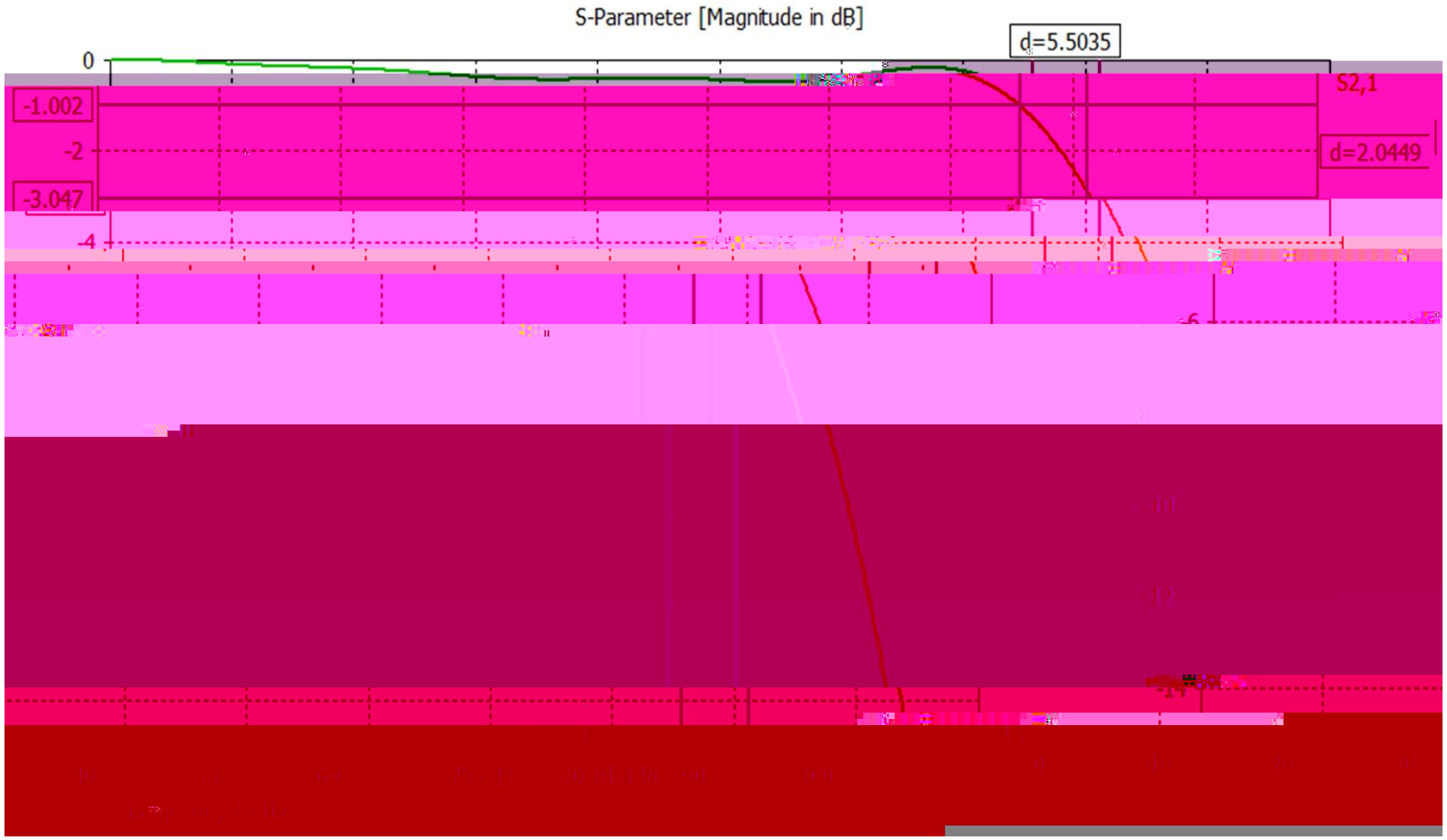
Due to the inherent process of silicone rubber

Solution - GT Contact

GT Contact - Typical Characteristics

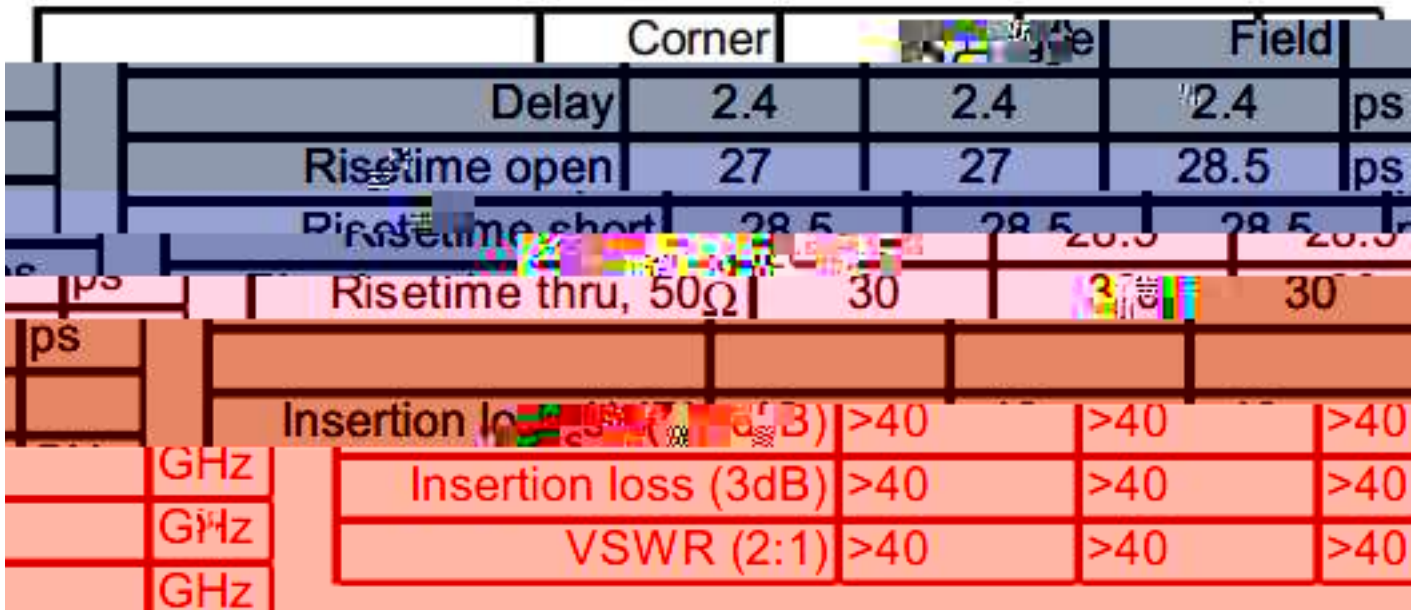
GT Contact

Bandwidth Data – 0.8mm Pitch



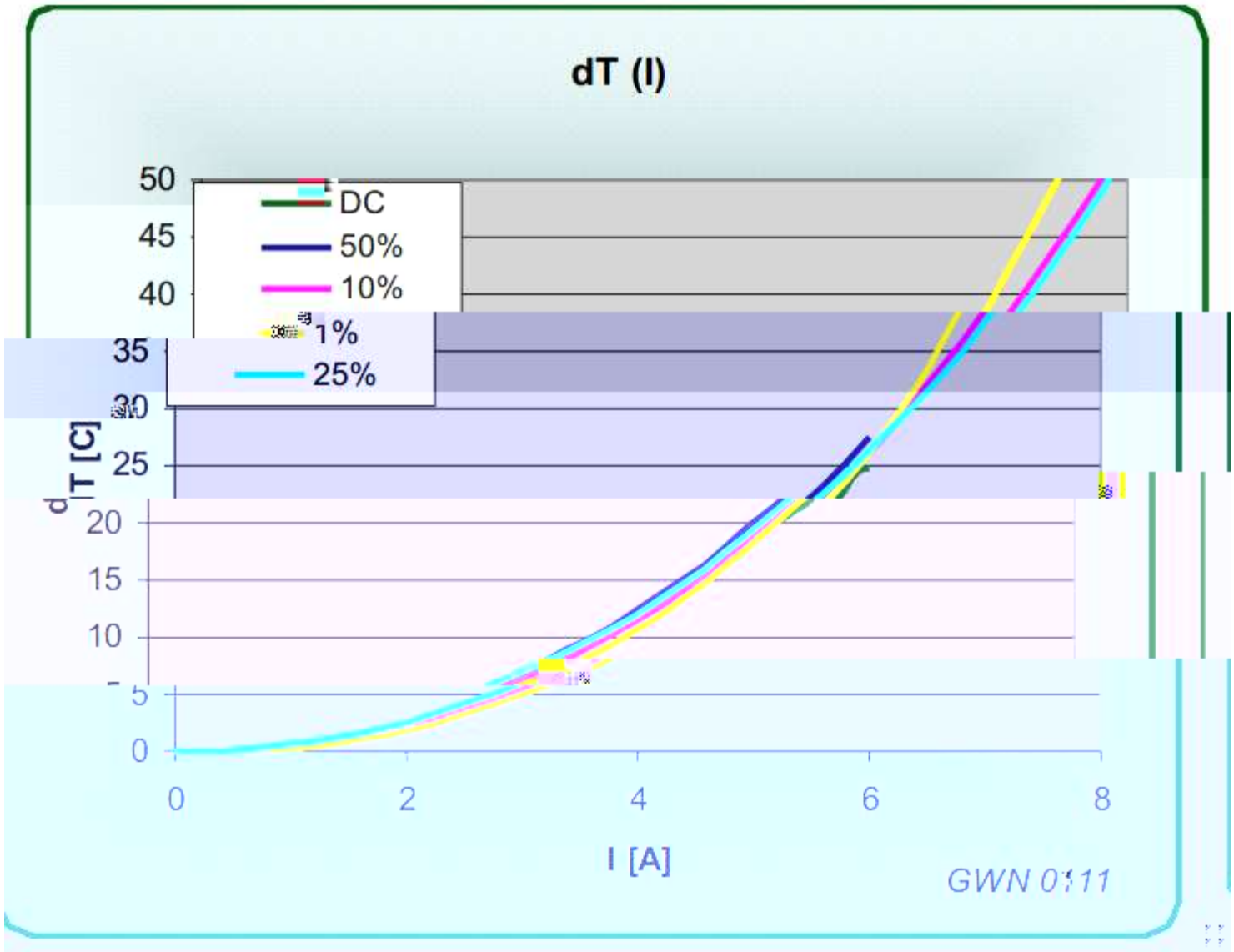
GT Contact

Bandwidth Data – 0.5mm Pitch



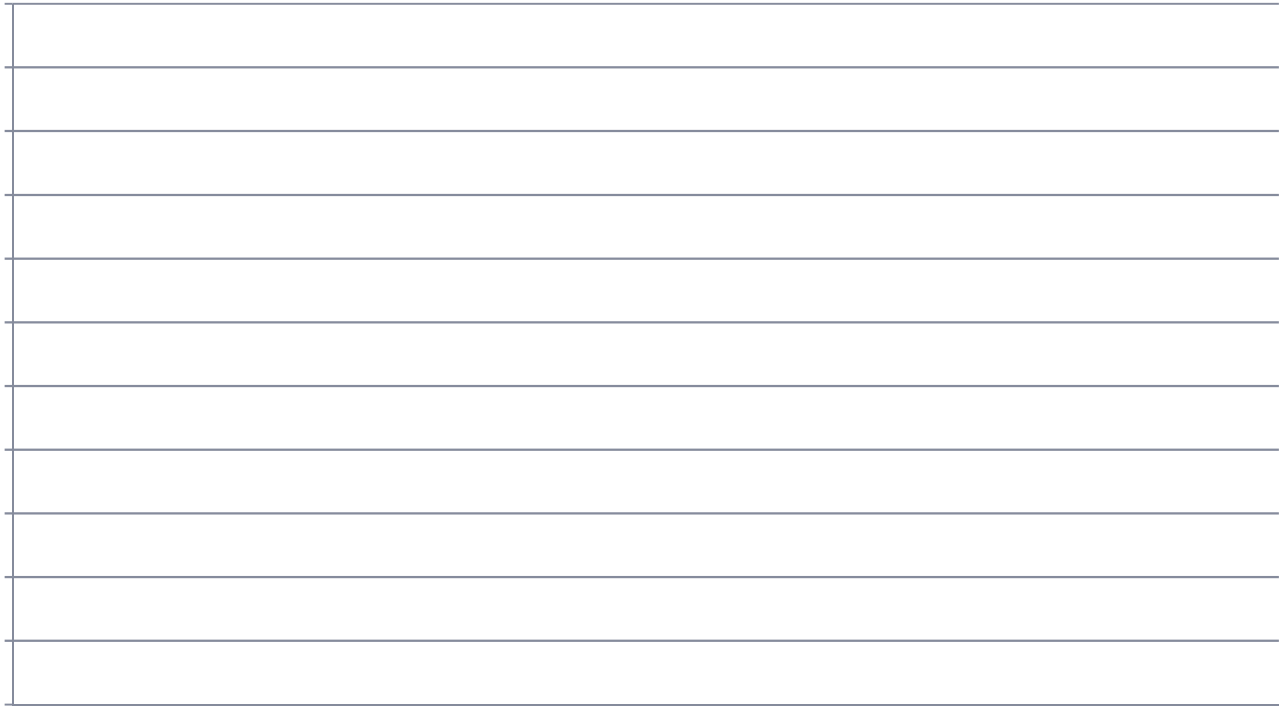
	Corner		Field	
Delay	2.4	2.4	2.4	ps
Risetime open	27	27	28.5	ps
Risetime short	28.5	28.5	28.5	ps
Risetime thru, 50Ω	30	30	30	ps
Insertion loss (3dB)	>40	>40	>40	GHz
Insertion loss (3dB)	>40	>40	>40	GHz
VSWR (2:1)	>40	>40	>40	GHz

GT Contact 1mm Pitch -



GT Contact 0.8mm Pitch

-55C Temperature Data



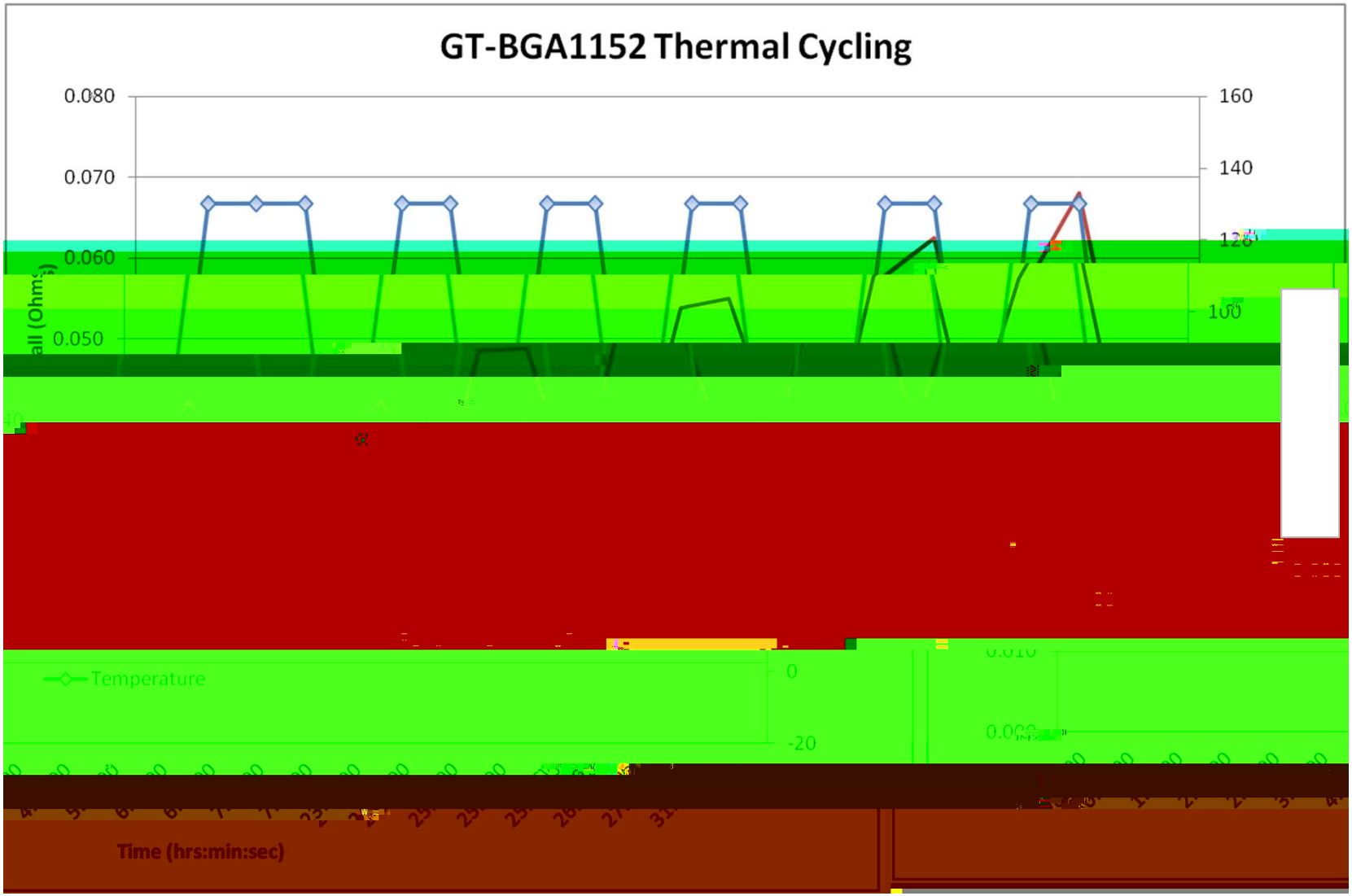
GT Contact

+160C Temperature Data



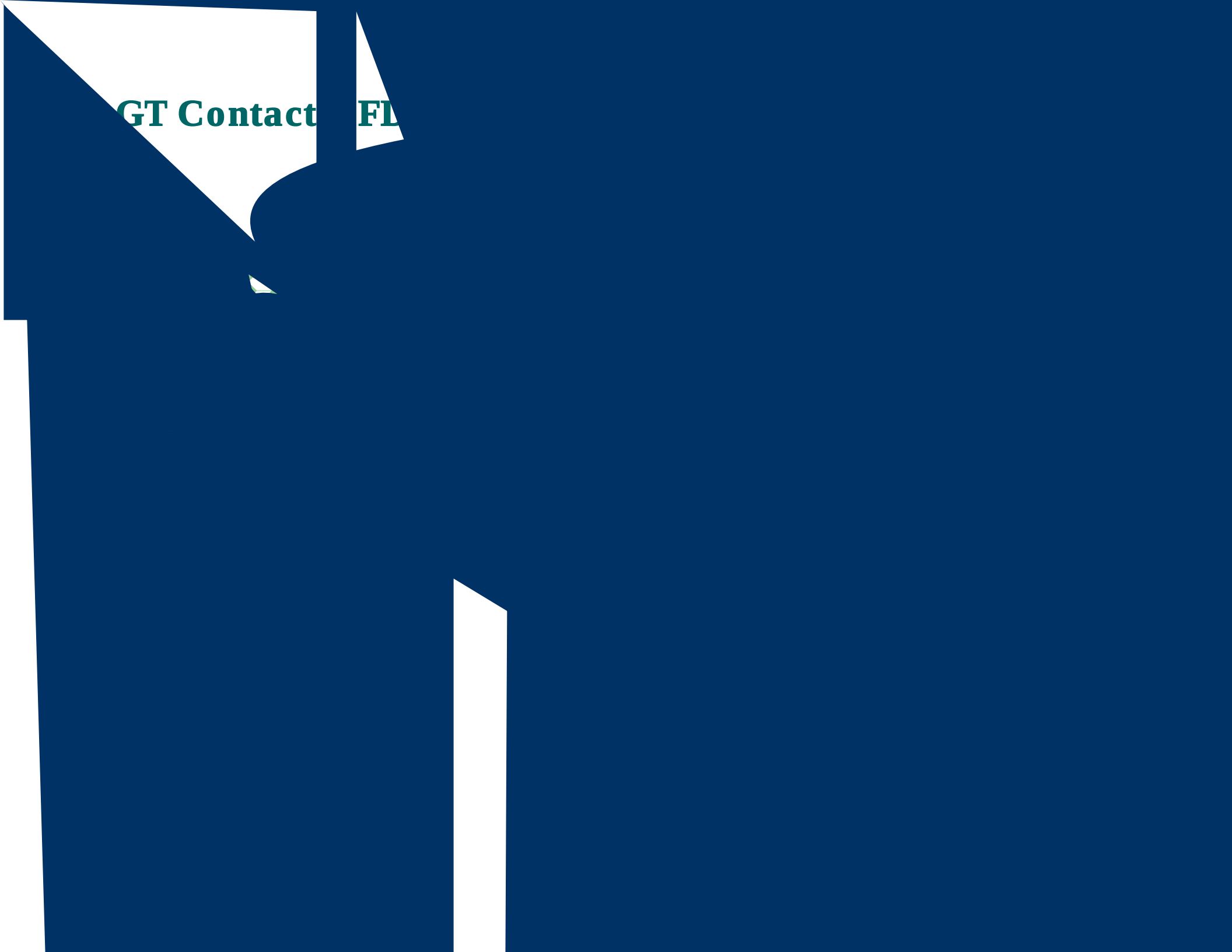
GT Contact

Thermal Cycling Data



GT Contact - Endurance Data




GT Contact FL

GT Value Proposition