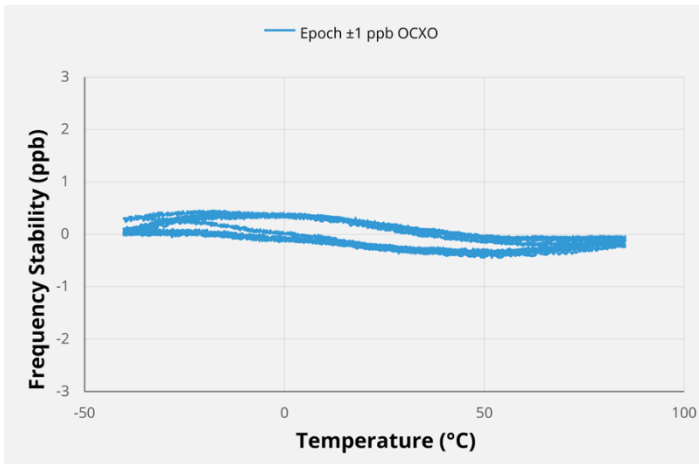
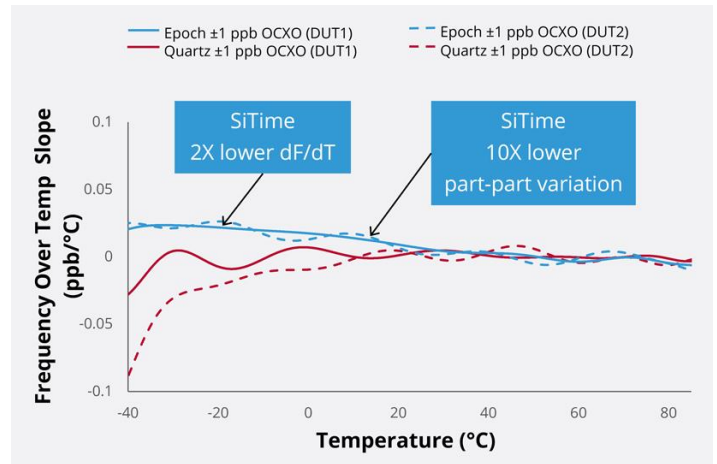


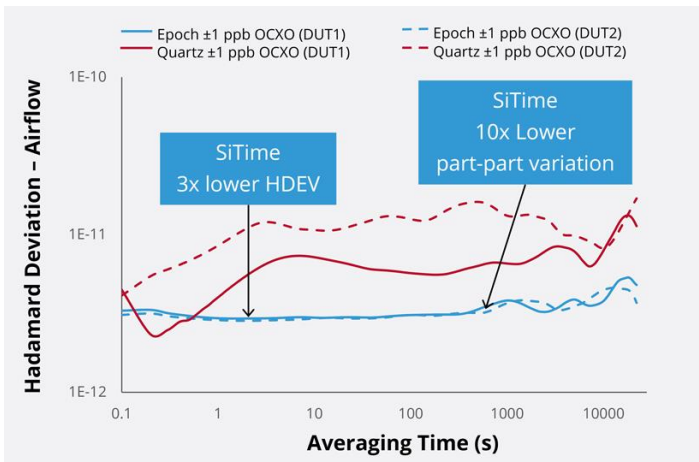
Frequency Stability



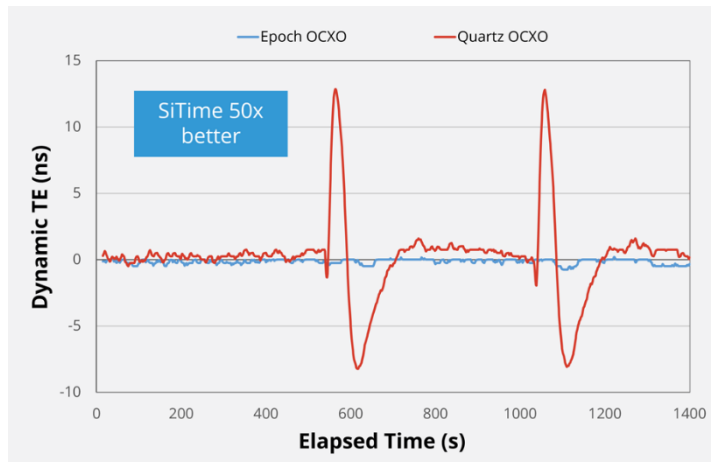
Frequency Over Temperature Slope (dF/dT)



Hadamard Deviation (HDEV) under Airflow



Dynamic Time Error



Device*	Frequency (MHz)	Holdover (1.5 μ s)	Stability (ppb)	Temp. Range (°C)	Supply Voltage (V)	Package Size (mm x mm x mm)	Digital Control
SiT5801	10 to 60	8 hours	$\pm 3, 5$ ppb	-20 to 70, -40 to 85, -40 to 95	2.5, 2.8, 3.3	9.0 x 7.0 x 3.6	I ² C, SPI
SiT5802	60 to 220						
SiT5811	10 to 60	12 hours	± 1 ppb				
SiT5812	60 to 220						

SiTime is a leader in MEMS timing solutions. We combine innovative MEMS and programmable analog technologies with our systems expertise to industry-best products that overcome the limitations of legacy quartz products. Our configurable products provide ultra-stable timing that enables customers to differentiate their systems with higher performance, small size, and better reliability.