




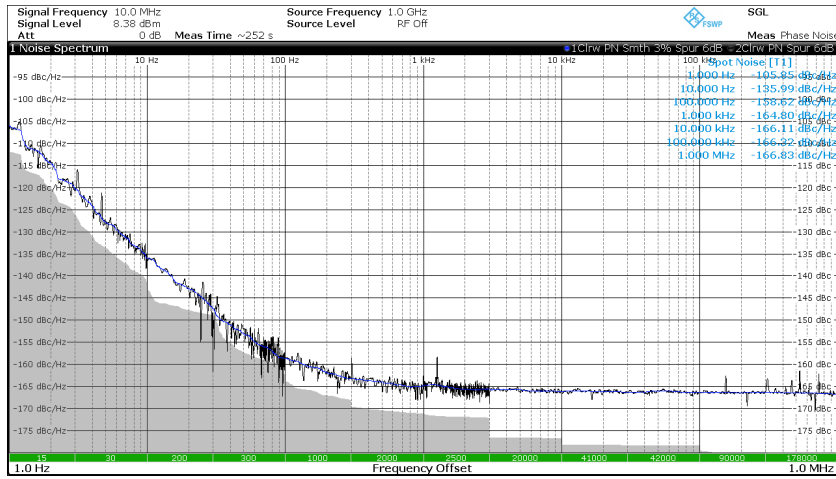


Model					
	AXIOM70SL	AXIOM75SL	AXIOM75SH	AXIOM75SHM	AXIOM3838S
Product type	OCXO				
Category	New Space (Space COTS) – Customizable to match mission requirements				
Features	LEO and New Space Applications - Ultra-Low Noise & High Stability Radiation tested – Different product levels available				
Radiation hardness	10 krad (TID)	40 krad (TID) – SEL immune / SET insensitive			
Frequency range	10 MHz	10 MHz	80 ~ 125 MHz	130 ~ 400 MHz	10 MHz
Output	HCMOS	Sine wave			
Stability	±10 ppb	±10 ppb	±50 ppb	±50 ppb	±10 ppb
Temperature range	Standard -30°C to +70°C / Custom -40°C to +85°C				
Supply voltage	8 ~ 12 V				
Manufacturing	MIL-PRF-55310 Product Level “S” or tailored to customer requirements				
Size	25 x 25 mm (CO 43)	25 x 25 mm (CO 43)	25 x 25 mm (CO 43)	25 x 25 mm (CO 43)	38 x 38 x 19 mm SMA / FT

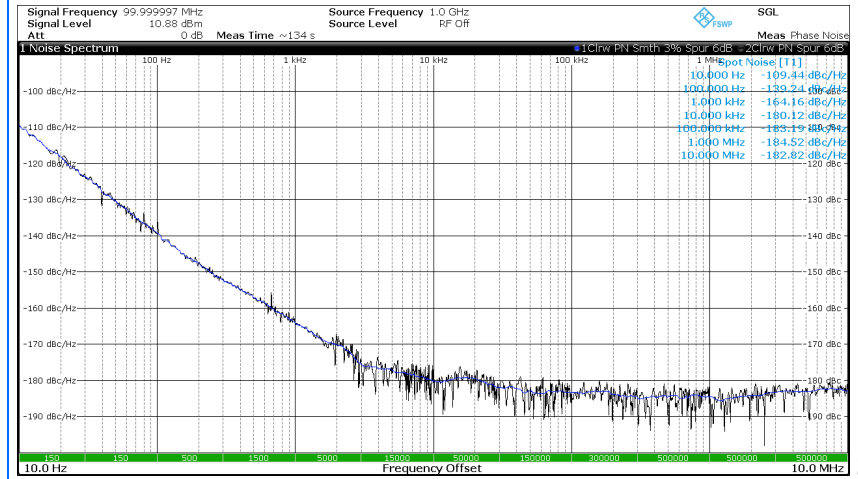


OCXO Phase noise Performance @ 10 MHz

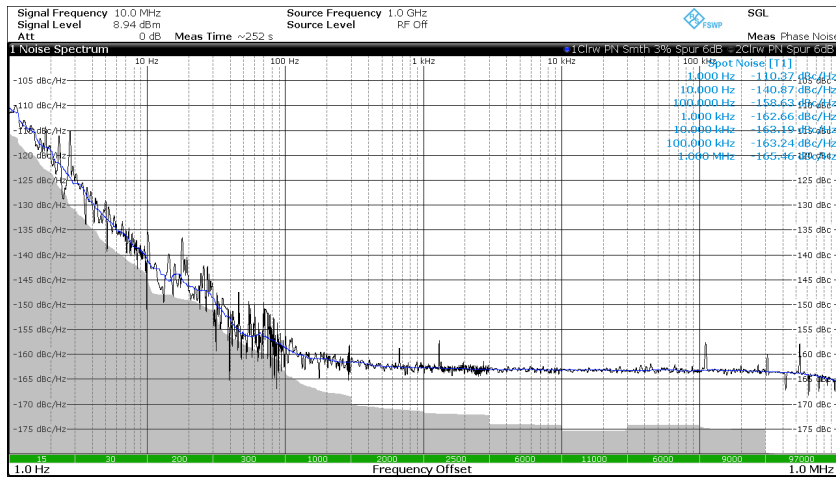


70SL Series

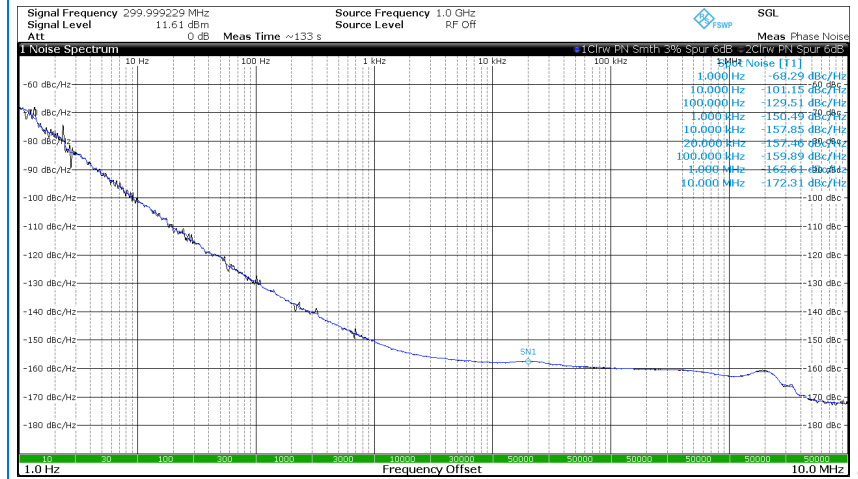
OCXO Phase noise Performance @ 100 MHz and 300 MHz



SH 100 MHz



75SL Series



SHM 300 MHz

