



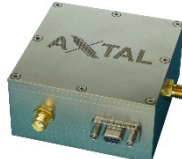
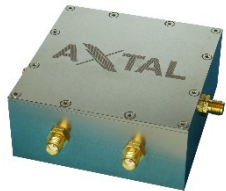


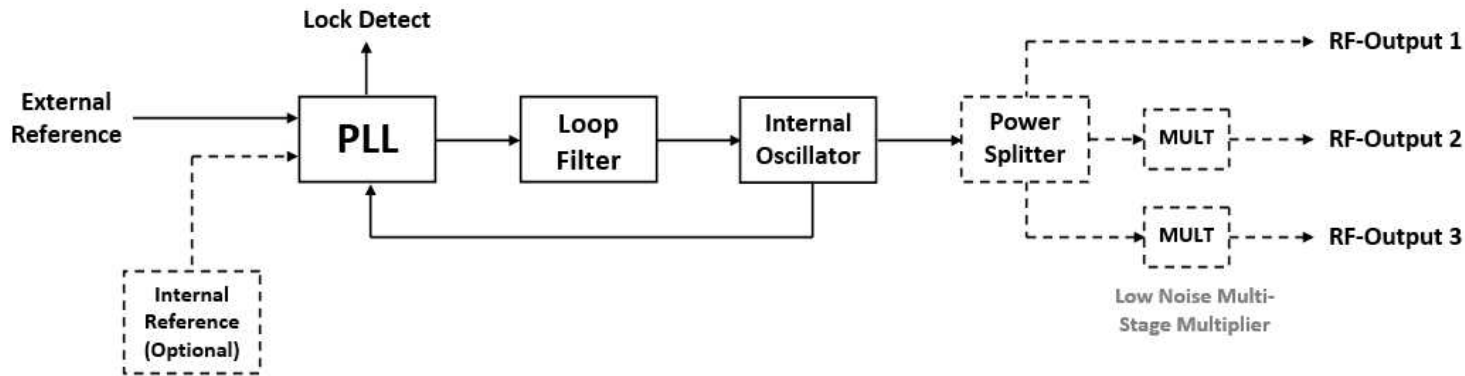
Model								
		AXON20	AXON1000	AXON2500	AXPLT2500	AXPLO10/100	AXPLO2600	AXPLO2700
Internal oscillator type		VCXO	VCO		TCXO	OCXO		
Frequency	Output	80 ~ 160 MHz	300 ~ 3000 MHz	3 ~ 12 GHz	3 ~ 12 GHz	10 ~ 160 MHz	500 ~ 3000 MHz	50 ~ 7000 MHz
	Input	5 ~ 100 MHz	10 ~ 150 MHz	10 ~ 150 MHz	10 ~ 150 MHz	10 ~ 150 MHz	10 ~ 150 MHz	10 ~ 150 MHz
Stability (Free-running)		±10 ppm	±10 MHz	±10 MHz	±1 ppm	±10 ppb	±100 ppb	±100 ppb
Temperature range		-20°C ~ +70°C				-10°C ~ +60°C		
Supply voltage		3.3~5 V	12 V					
Features		Low Noise Small Size	Internal TCXO reference available	SHF	SHF High Stability	Ultra-Low Noise High stability	UHF Ultra-Low Noise High stability Programmable	UHF/SHF Ultra-Low Noise Multiple outputs Customizable
Size		20 x 13 mm (CO 29) SMD	54 x 40 x 19 mm SMA Feedthrough	50 x 50 x 21 mm SMA Feedthrough	50 x 50 x 21 mm SMA Feedthrough	54 x 40 x 19 mm SMA Feedthrough	60 x 60 x 30 mm 2x SMA Micro-D	70 x 70 x 30 mm 4x SMA Micro-D

You name your requirements – We find or design you a customized module



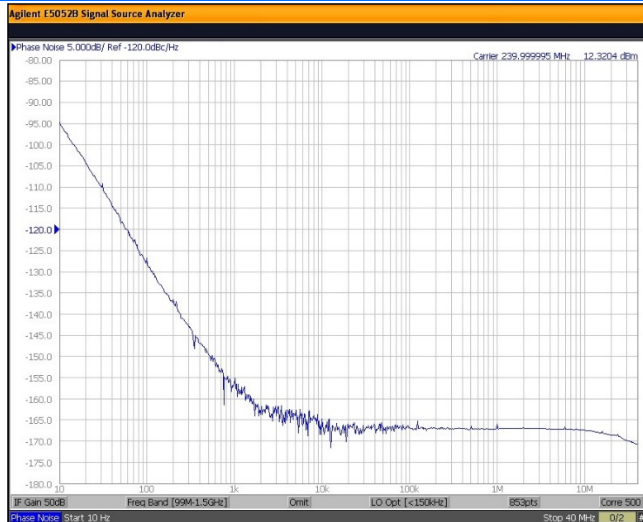
# General Block Diagram & Performance Examples

## General Block Diagram PLL Oscillator Modules

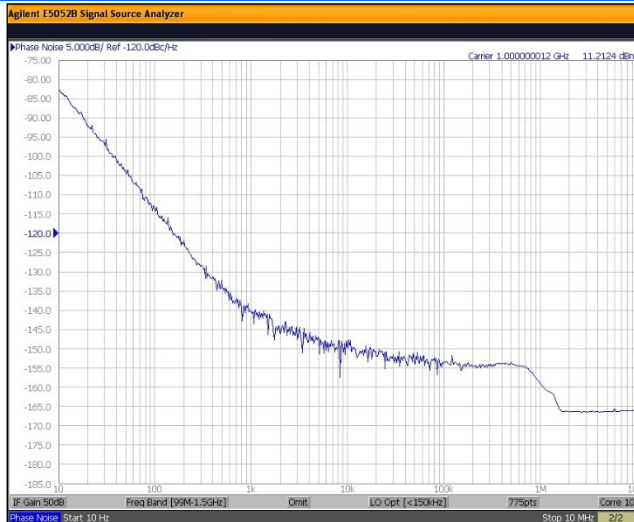


- PLL Phase Noise Performance can be tailored to your specific requirements
- Fully customizable modules available
- Phase coherence of all outputs guaranteed due phase-locking or frequency multiplication
- Programmable versions available

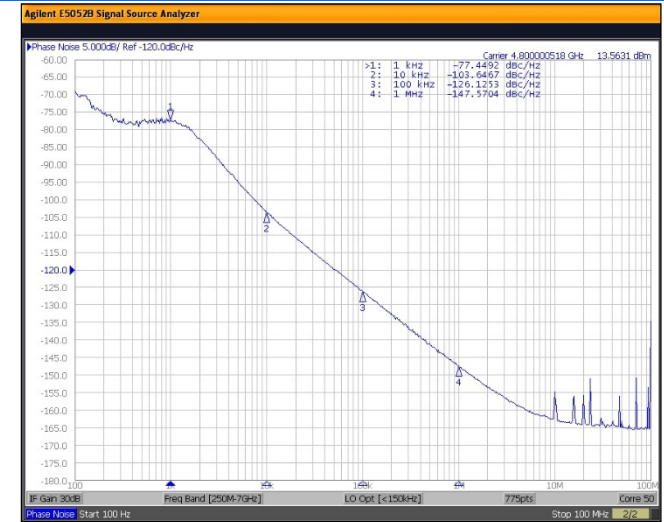
## Performance Examples



AXPLO2700 - 240 MHz (x2) locked to 10 MHz



AXPLO2600 - 1000 MHz (x10) locked to 10 MHz



AXPLT2500 - 4800 MHz locked to 100 MHz



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