

KRATOS | GENERAL MICROWAVE Microwave Electronics Division

FREQUENCY SOURCES

KRATOS GENERAL MICROWAVE is a world leader in the design and production of Frequency Sources. The Sources product line includes a wide range of catalog synthesizers, free running oscillators and custom made sources sub assemblies for a variety of applications such as: Missiles, EW Systems, Simulators, Signal Generators and Test Equipment.

Catalog Frequency Sources

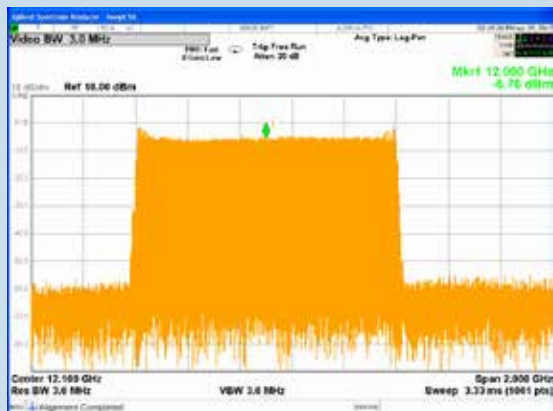
MODEL	FREQUENCY RANGE	SETTLING TIME	MODULATION SPAN	MAIN BENEFITS
SYNTHESIZER				
SM SERIES	0.5 to 20 GHz	1 μ Sec	1 GHz	Modulation During Synthesizer Mode
SF SERIES	0.5 to 20 GHz	1 μ Sec	N/A	Low Phase Noise
SW SERIES	0.5 to 20 GHz	120 μ Sec	N/A	Low Cost Small Size
Digitally Tuned Oscillator (DTO)				
D60 Series	1 to 18 GHz	1 μ Sec	100 to 600 MHz	Octave Band
D62 Series	0.5 to 18 GHz	1 μ Sec	100 to 500 MHz	Multi Band
Voltage Controlled Oscillator (VCO)				
V60 Series	2 to 18 GHz	1 μ Sec	N/A	High Modulation Linearity



SW Series Synthesizer

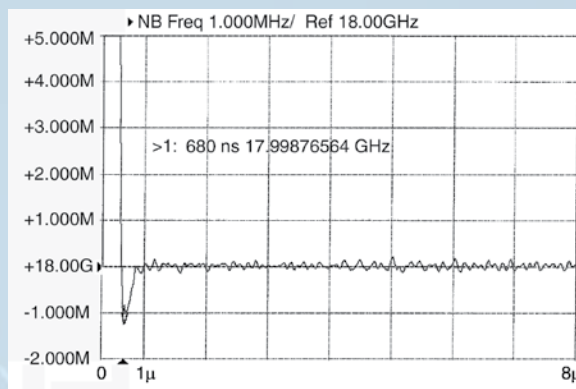


SM Series Synthesizer



SM Synthesizer

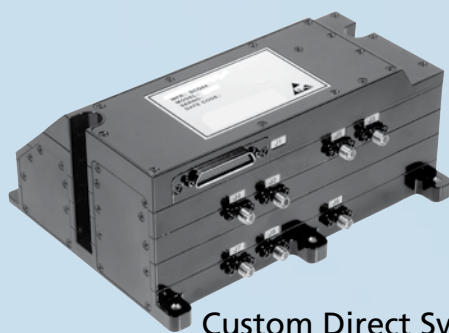
1 GHz Modulation modulated by a Triangle signal



SF Synthesizer

Settling Time - From 2 to 18 GHz

KRATOS General Microwave is focused on supporting custom specific oscillator requirements including Phase Coherent Direct Synthesizers. In addition to COTS and custom sources, KRATOS General Microwave is offering form, fit and function solutions as a replacement to obsolete sources or to replace suppliers that no longer support a product.



Custom Direct Synthesizer



Custom Indirect Synthesizer

ABOUT GENERAL MICROWAVE

KRATOS General Microwave is a recognized worldwide leader in the design and manufacture of high performance, state-of-the-art microwave components and sub assemblies for the defense and non-defense markets with over 60 years of proven experience.

KRATOS General Microwave products are used in a variety of demanding environments, including missiles, airborne, naval and ground systems.

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