



NEW WIDEBAND DIGITAL RF MEMORY

ANNOUNCING

10-BIT 1 GHZ DIGITAL RF MEMORY

KOR Electronics is pleased to introduce the latest wideband Digital RF Memory at the heart of our laboratory Simulation products. This 10-bit DRFM offers an unprecedented 1 GHz of Instantaneous Bandwidth in a 2 slot VME bus footprint.

This new DRFM kernel also includes digital data manipulation for target effect simulation and a 12-bit D/A converter for enhanced resolution and linearity.

APPLICATIONS

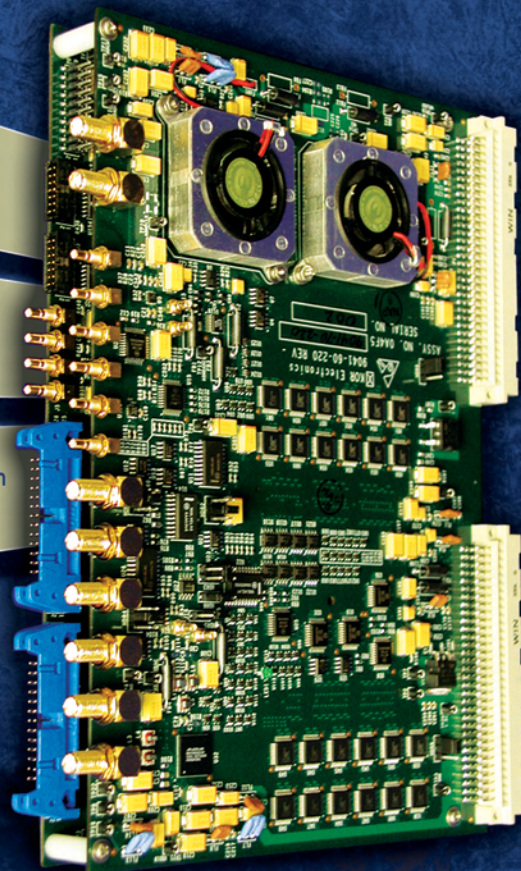
- High Fidelity Signal Delay
- RF Capture/Analysis/Generation
- Complex Target Simulation
- ECM Technique Development

1 GHz IBW with Real-Time Digital Modulation for Doppler, Amplitude, Phase, and Multi-Scatterer Simulation

- 10-Bit A/D
12-Bit D/A

- 1 GHz IBW
-50 dBc Spurious

- Digital Modulation
Complex Targets



10-Bit 1 GHz
Digital RF Memory

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NEW

10-Bit 1 GHz Digital RF Memory



DRFM PARAMETERS

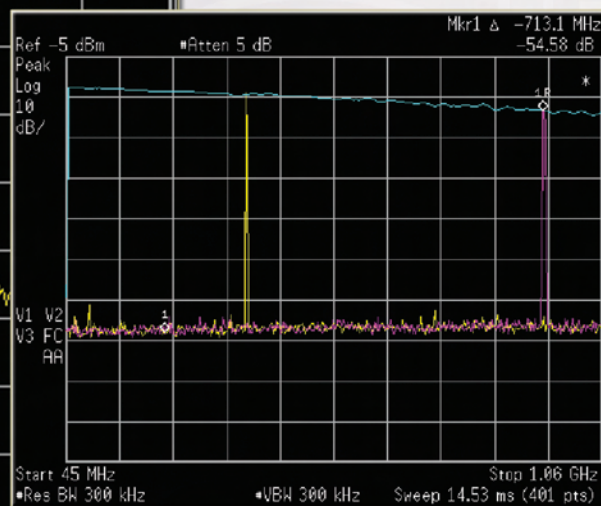
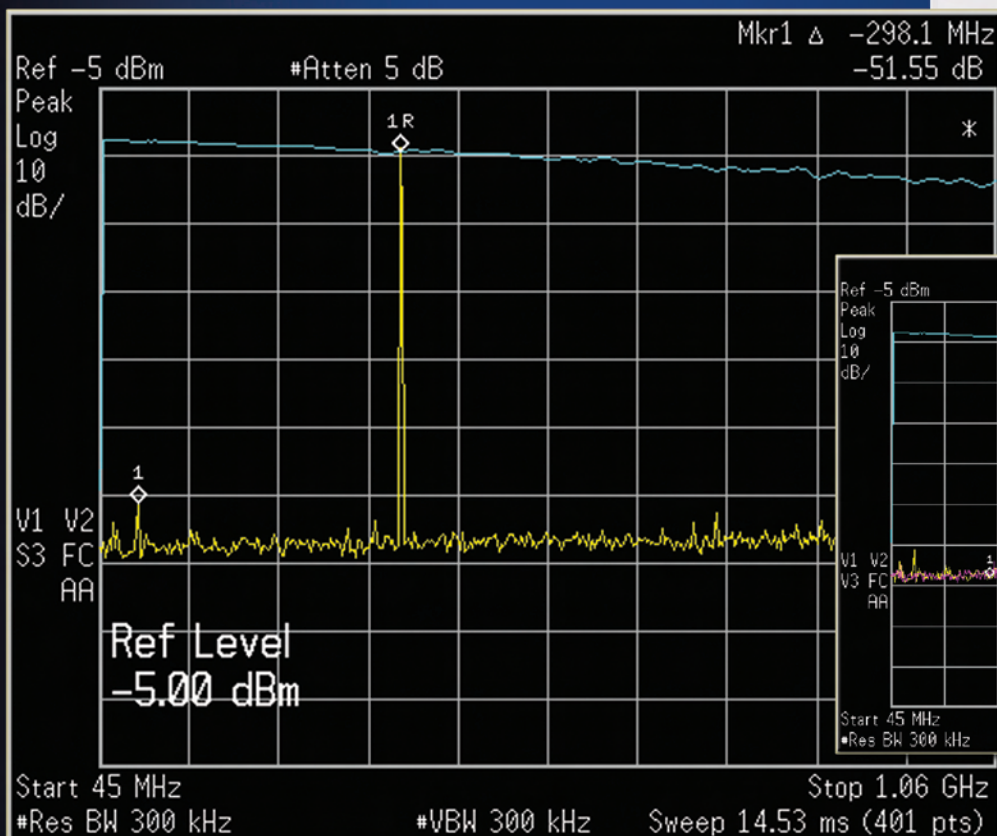
PARAMETER	DESCRIPTION
Frequency Coverage	Base band or customer defined IF or RF Frequency
Instantaneous BW	Up to 1 GHz
Spurious	<-50 dBc typical
Range Delay	<120 ns to 7.5 ms (standard)
Delay Resolution	<0.5 nanosecond
Pulse Width	<20 ns to CW
Pulse Repetition Frequency (PRF)	<100 Hz to >5MHz, CW
Doppler Offset	+/-2 MHz (standard)
Doppler Resolution	<0.05 Hz (standard)

For more information call:

714.898.8200

or e-mail

sales@korelectronics.com



Outstanding Spurious Performance across the Full Bandwidth