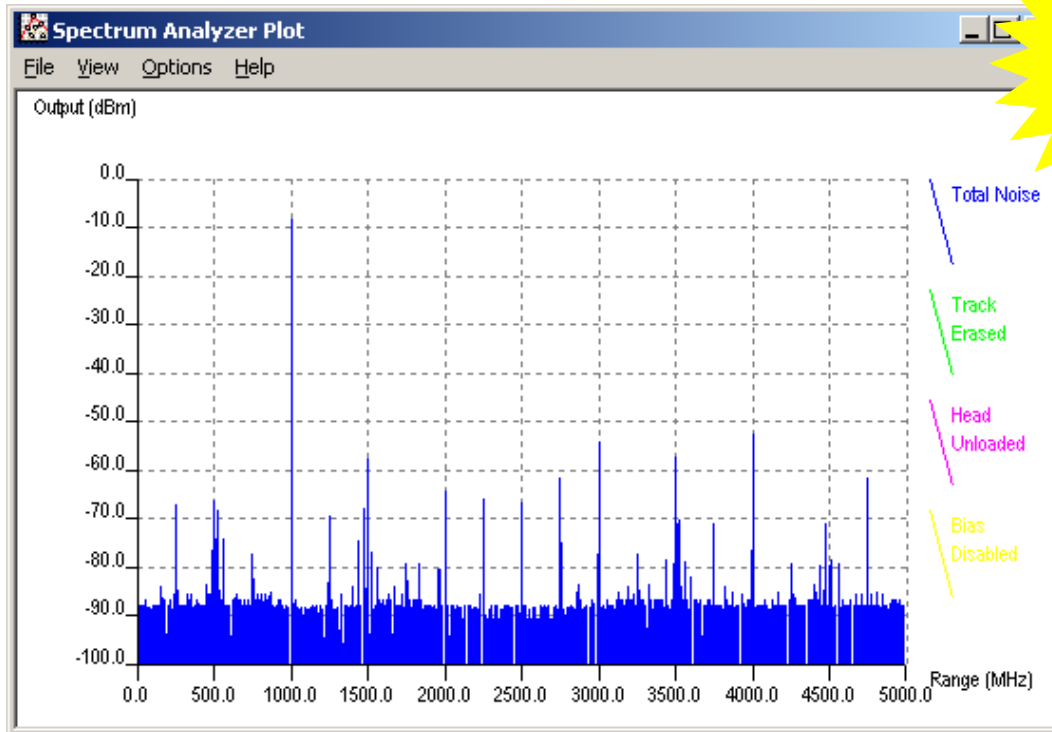


# GUZIK PRODUCT BULLETIN

## Digital Frequency Domain Analysis for D5000 Signal Analyzer



- Spectral Integral SNR Measurement: 10 times faster than measurements via analog spectrum analyzer
- Frequency Domain Tests: overwrite, spectrum analysis, NLTS, partial erasure
- Frequency Range from 0 to 5 GHz
- 8 million points FFT implemented in hardware with resolution bandwidth to 2 kHz
- Averaging Mode

**The D5000 Signal Analyzer opens new possibilities for frequency domain analysis. This analysis is performed by FFT of the read-back signal. As a result, spectrum analysis is done in full bandwidth of analyzed signal and performed much faster compare with analog point-to-point measurements.**

**For example, Spectrum SNR test is executed 10 times faster compare with analog measurements. Resolution bandwidth is programmable and can be as low as 2 kHz.**

## **Hardware and Software Requirements**

- 1. Guzik D5000 Signal Analyzer**
- 2. Guzik RWA-2000 Series**
- 3. Guzik V2002 or Canon Spinstand**
- 4. WITE32 Revision 4.00 or later**



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