

# GUZIK PRODUCT BULLETIN

## Spectrum/Signal Analyzer SA-3000



- **DC to 3GHz frequency range (DC to 20MHz for Baseband mode)**
- **Noise floor 130 dBm/Hz**
- **Phase noise for Baseband input at 10 MHz:**

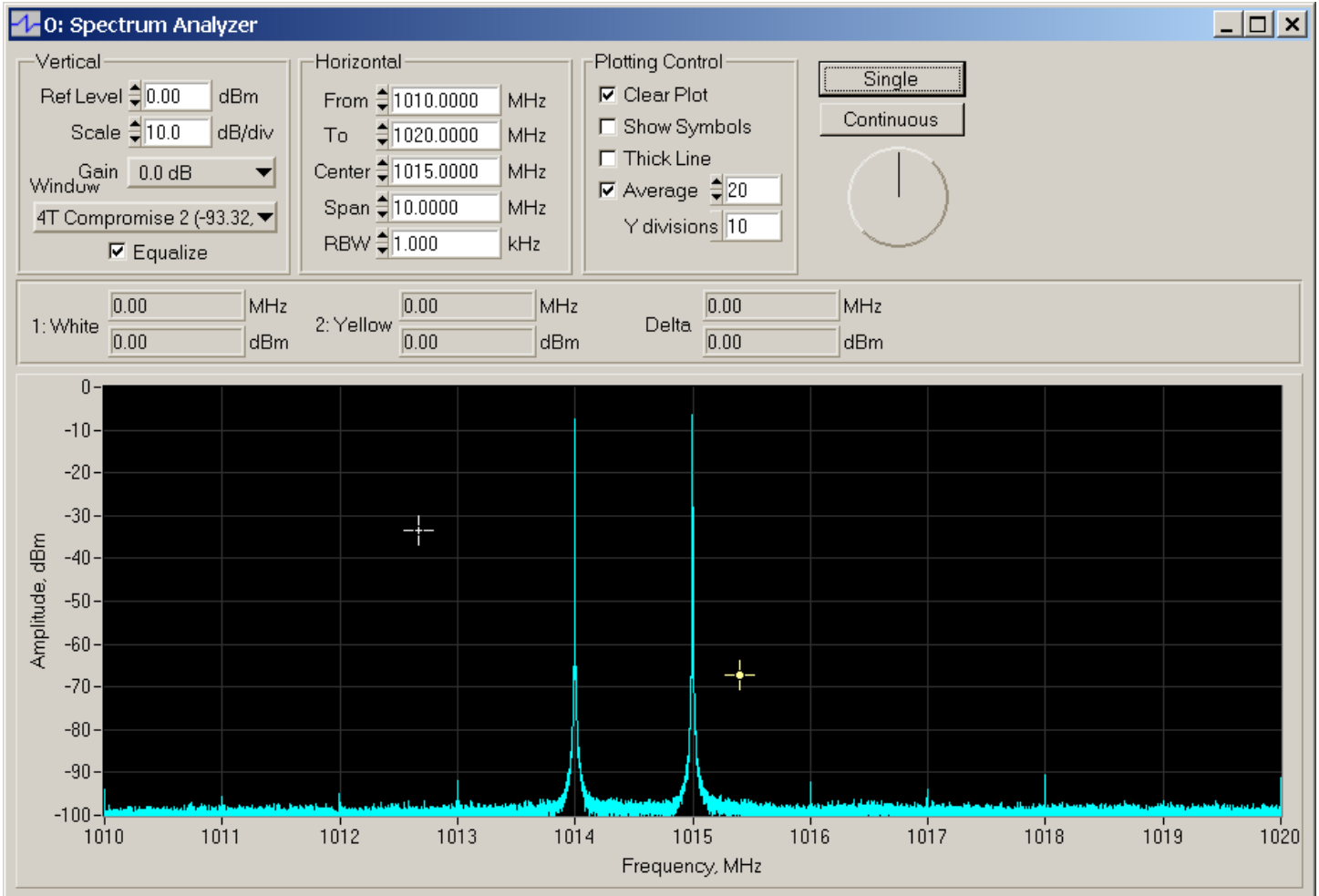
100 Hz offset	< -110 dBc/Hz
1 kHz offset	< -120 dBc/Hz
>10 kHz offset	< -130 dBc/Hz
Noise floor	< -150 dBc/Hz
Spur-free dynamic range	> 90 dB
- **Phase noise in Spectrum Analysis mode, 1 GHz input:**

10 kHz offset	< -95 dBc/Hz
100 kHz offset	< -120 dBc/Hz
Noise floor	130 dBm/Hz
- **3-d order intermodulation less than -90 dBc**
- **Resolution bandwidth from 10 Hz to 20 MHz**
- **14 bit/100 MHz Digitizer**
- **Full-scale range:**

Baseband mode	from - 24 to +18 dBm
Spectrum Analysis mode	from - 30 to 0 dBm
- **±0.2 dB amplitude accuracy**
- **Frequency accuracy 0.5 ppm**
- **Can be used as a stand-alone high performance spectrum analyzer or as a stand-alone high performance digitizer with 256 Mbyte memory**
- **Double CPCI module for Spectrum Analyzer and single CPCI module for Digitizer**



# SA-3000 Third Order Intermodulation



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