

Preliminary

Lightwave Frequency Response Analyzer



Key Features

- High accuracy
- Wide band
- High cost efficiency
- Compact size

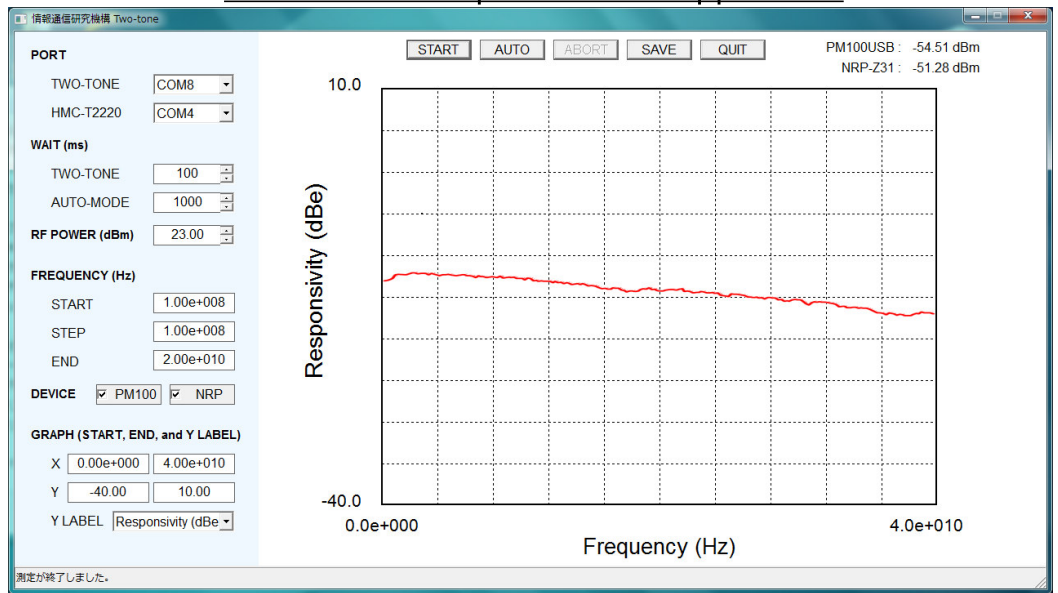
Applications

- Frequency measurement for optical devices and modules

◆主な特長

- 超高速・高密度ファイバ通信向け光受信器(PD)特性の高精度計測
- 超高精度基準光信号源(クリーンな基準2光波)を用いたヘテロダイン法
- ユーザサイトで校正可能なため、高い精度を低コストで確保
- IEC TC103計測方法の国際標準化活動展開中
(独立行政法人情報通信研究機構)

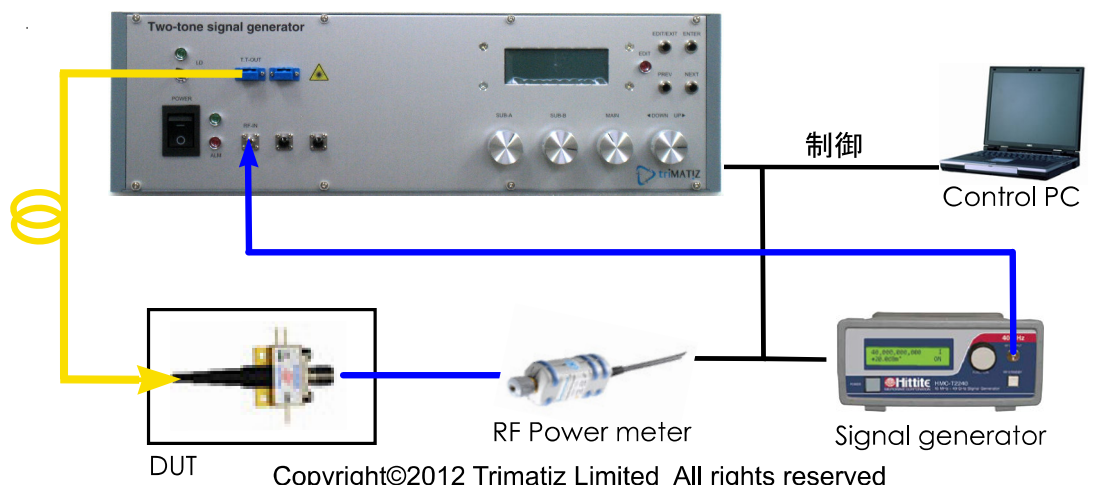
Measured example with GUI application



◆仕様

Items	Specifications	Comments
Wavelength	1550 ± 0.1 nm	DFB laser diode
RF frequency range	100MHz to 20GHz	
Two-tone frequency	200MHz to 40GHz	
Relative gain accuracy	< ± 0.6 dB	
Absolute gain accuracy	< ± 0.8 dB	
Frequency accuracy	< 10 Hz	RF signal generator

◆装置構成



Contact information

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Product specifications and descriptions in this document subject to change without notice.

