

FREEDOM

通信技术

R8000系列综测仪完成TETRA 基站监测

2018年春

TETRA基站监测： 所有R8000和R8100无线电综合测试仪都可作为可选升级版提供



TETRA 基站监测功能

TETRA 参数性能测试： 直接连接发射机测量

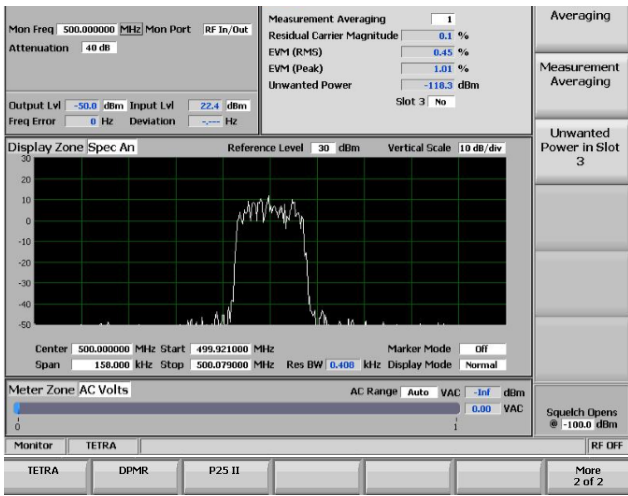
- RF power
- Carrier frequency offset
- Burst power profile over time
- Peak & RMS Vector Error
- Residual carrier power
- Unwanted output power
- Modulation spectrum
- Constellation diagram

TETRA 通过天线连接完成空中监测(OTA)

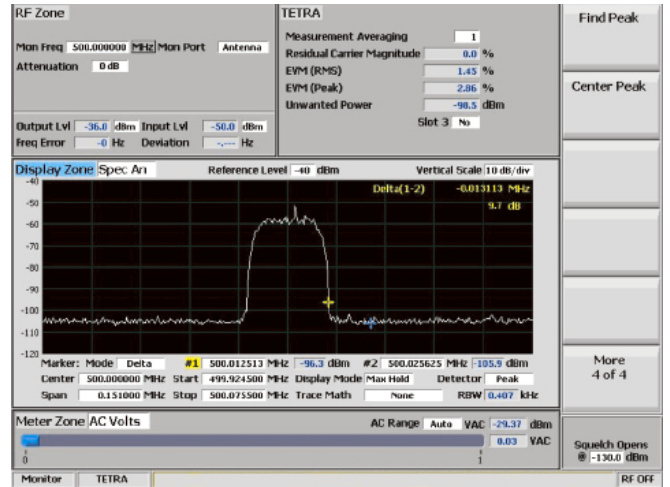
- Identical parameters as above provide confidence of correct operation in service.
- Continuous monitoring of a remote location in your operational environment (Office)

TETRA 参数测试功能

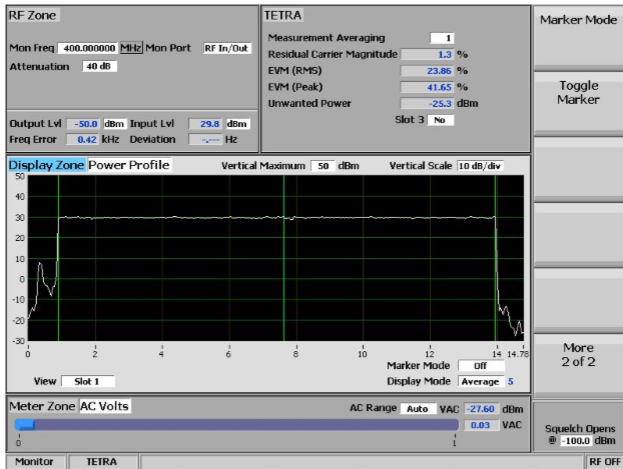
显示和测量



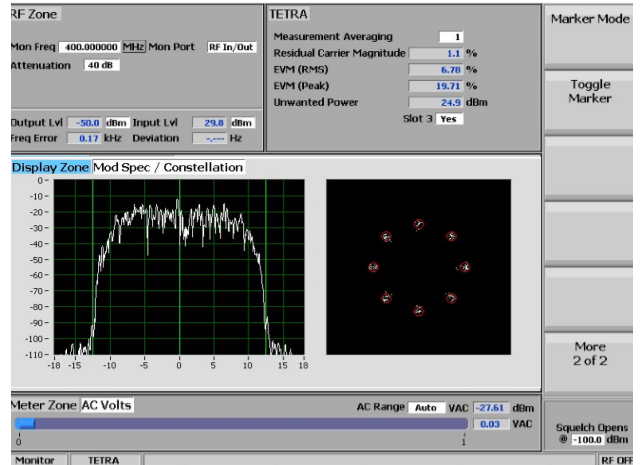
最大值保持频谱



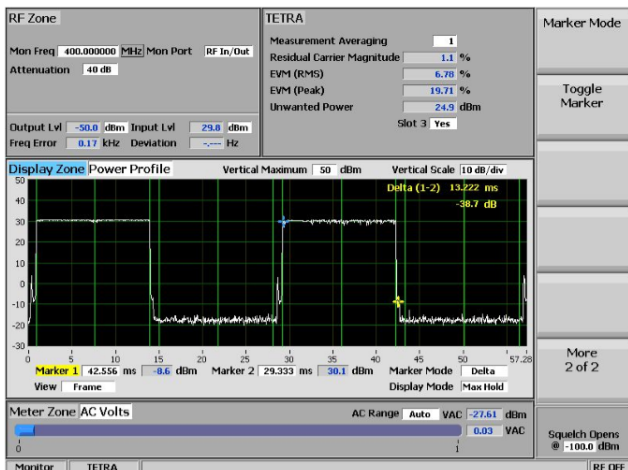
裂缝剖面



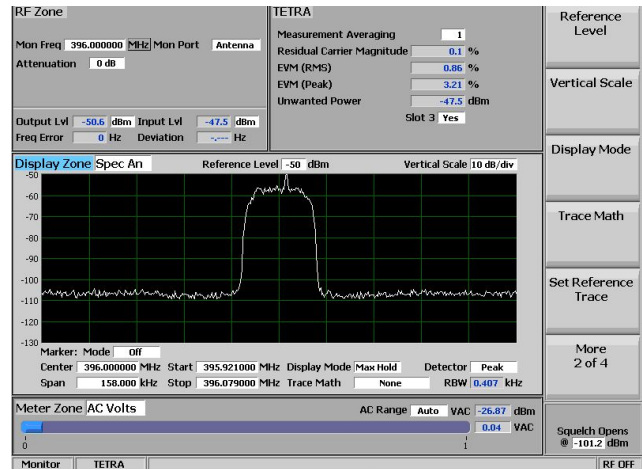
频谱图和星座显示



多裂缝剖面



最大值保持TMO 频谱



技术参数

RF POWER

- Range 0.1W to150W
- Accuracy +/- 10%

EVM (RMS)

- Range: 0 to 20%
- Accuracy (2% to 10%): <10%
- Resolution: 0.10%

RESIDUAL CARRIER

- Range: 0-10%
- Accuracy: $\pm 0.1\%$
- Resolution: 0.10%

FREQUENCY ERROR

- Accuracy: $\pm 500\text{Hz}$
- Resolution: 1 Hz

标准测试功能

- Radio TX Output Power
- Frequency Error
- Deviation, AM and FM
- Audio Frequency Measurements
- Spectrum Analysis
- Control PL (CTCSS) , DPL (DCS), Sequential Tones (Encode and Decode)
- VSWR / Return Loss
- Distance to Fault
- Receive Signal Strength Indication (RSSI)
- AC/DC Voltmeters
- Tracking Generator for Filter Test & Alignment
- Audio Quality, SINAD, Distortion and Level
- PL, DPL, DTMF, 2-Tone, 5/6 Tone and General Sequence
- Single Sideband (SSB) LSB and USB Analysis and Demodulation

增加的功能

- RF Signal Generator
- Frequency Error Meter
- Spectrum Analyzer
- Sensitive Receiver
- Distortion Meter
- Modulation Scope
- Oscilloscope
- Tracking Generator
- Cable Fault Locator
- FM Deviation Meter
- AM Modulation Meter
- RSSI Meter
- RF Power Meter
- Audio Generators
- AC/DC Voltmeter

数字无线电测试选项

- DMR
- P25 Phase 1
- P25 Phase 1 Trunking
- P25 Phase 2
- NXDN
- NXDN Type C Trunking
- dPMR
- TETRA DMO
- TETRA Base Station Monitoring
- PTC (Positive Train Control)

自动调谐：自动无线电测试和校准

- Motorola
- Harris
- BK Technologies
- Kenwood
- Hytera



北京海洋兴业科技股份有限公司 (证券代码: 839145)

北京市西三旗东黄平路19号龙旗广场4号楼 (E座) 906室

电话: 010-62176775 62178811 62176785

企业QQ: 800057747 维修QQ: 508005118

企业官网: www.hyxyyq.com

邮编: 100096

传真: 010-62176619

邮箱: market@oitek.com.cn

购线网: www.gooxian.com



扫描二维码关注我们
查找微信公众号: 海洋仪器