

R8000系列综测仪完成TETRA 手提设备测试

2018年春

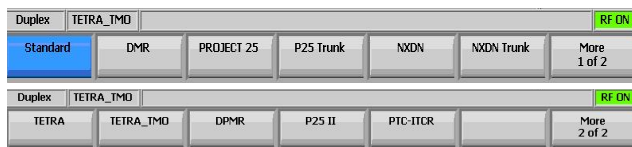
TETRA TMO 升级:

所有R8000和R8100无线电综合测试仪都可作为可选升级版提供



数字无线电测试选项:

- DMR & DMR trunking
- P25 Phase I & II, P25 Trunking
- NXDN, NXDN Trunking
- dPMR
- TETRA DMO
- TETRA TMO Available Spring 2018
- Positive Train Control PTC



R8000C: TETRA DMO & TMO 参数测试功能

TETRA 参数测试功能发射机测量

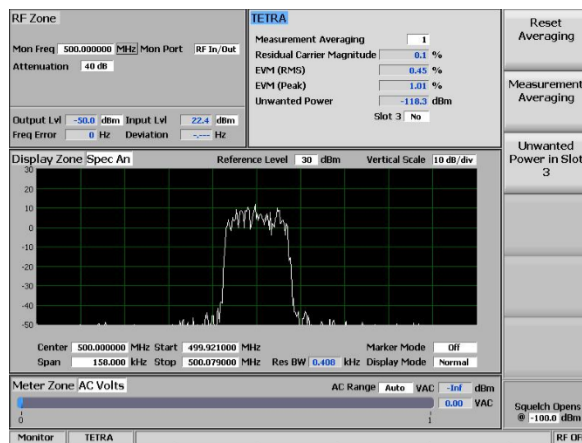
- RF power
- Carrier frequency offset
- Burst power profile over time
- Timing error
- Peak & RMS Vector Error
- Residual carrier power
- Unwanted output power
- Modulation spectrum
- Constellation diagram

接收机测量

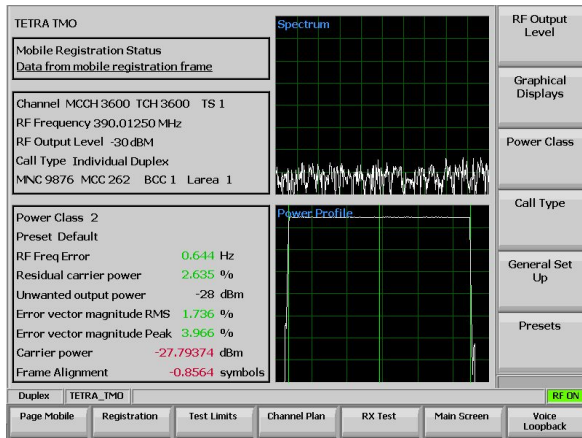
- Single ended and loopback Bit Error Rate (BER) and Message Erasure Rate (MER)
- Test signals: T1 with TCH7.2, TCH2.4, SCH/F, with and without Frame 18
- Paging sensitivity

R8000C/R8100: TETRA DMO 参数测试功能

R8000C DMO 显示和测量

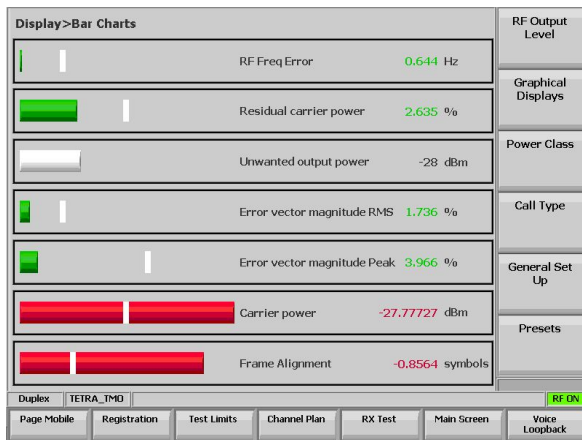


R8000C: TETRA TMO 数字测试 功能主显示屏

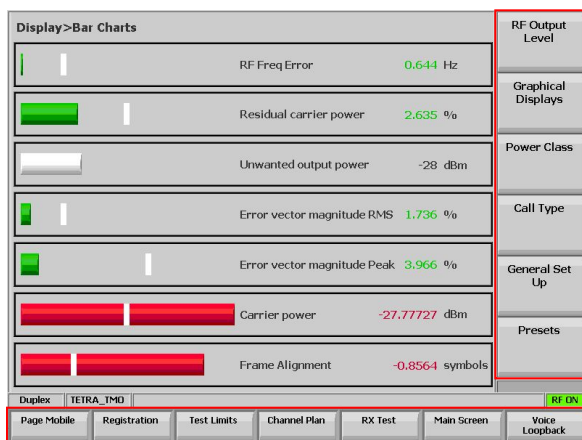


彩色编码测试结果

- 所有测试结果会被颜色编码，以便进行即时通过/失败分析
- 测试限值值是ETSI的默认标准
- 用户可以生成和保存用户定义的测试限制



直观操作界面菜单键

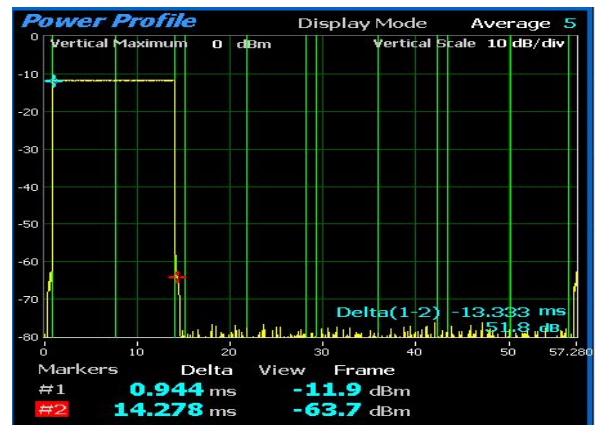
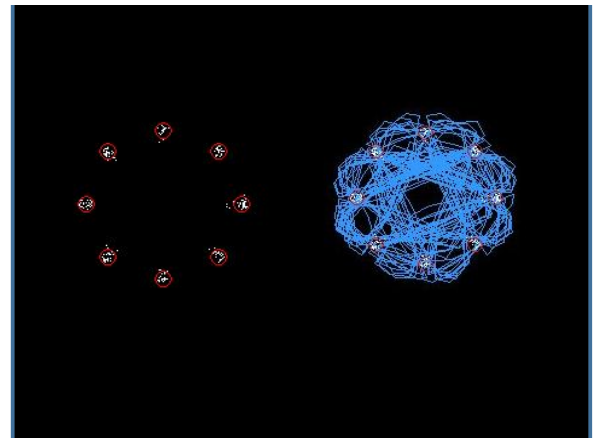
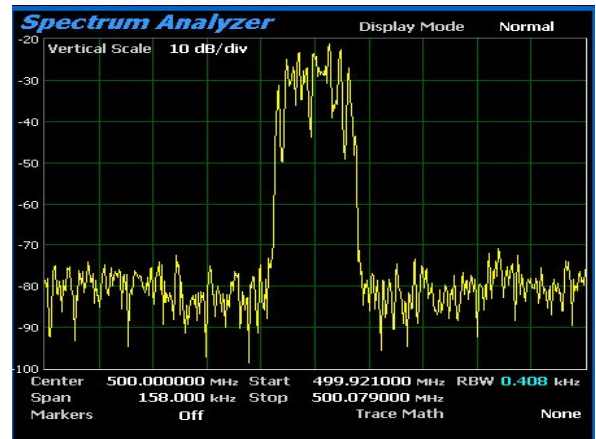


显示图谱

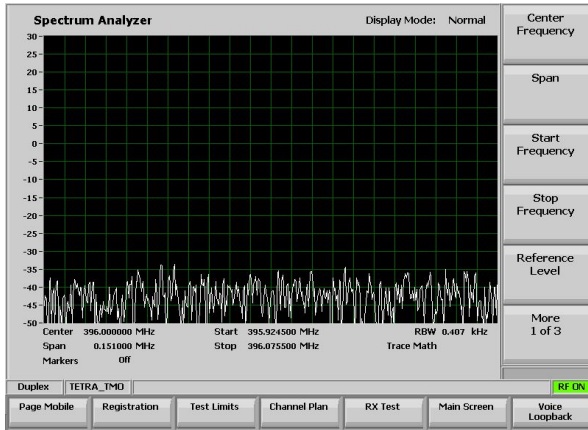
主屏幕上显示即时频谱和插槽功率分布图

大屏幕，全功能显示：

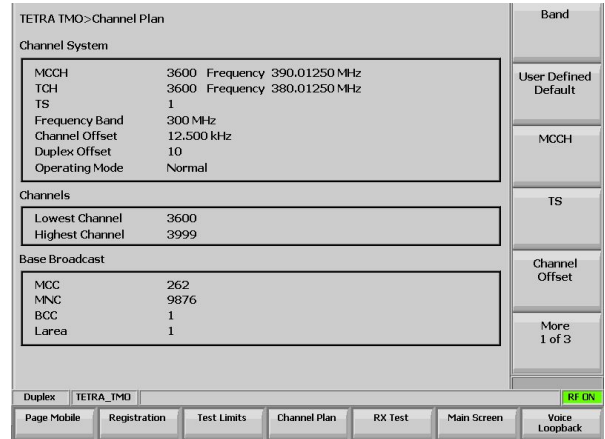
- 频谱图
- 星座显示
- 功率分布图



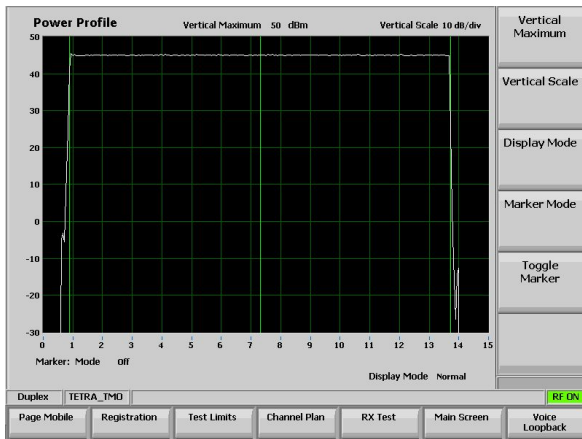
R8000C: TETRA DMO & TMO 数字测试功能之频谱图



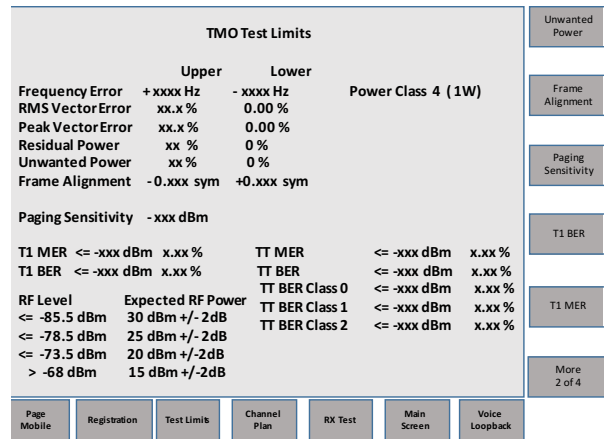
R8000C: TETRA TMO 数字测试功能之信道参数



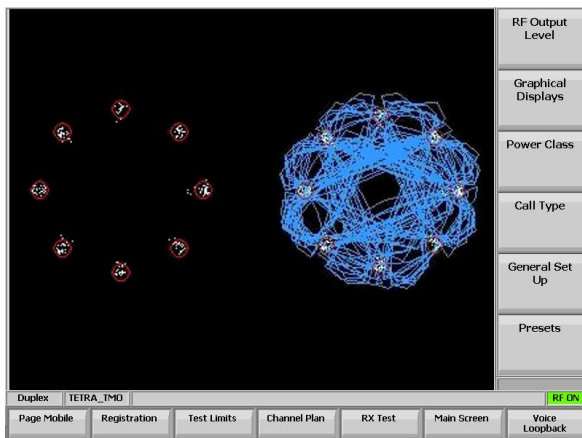
R8000C: TETRA DMO & TMO 数字测试功能之功率分布图



R8000C: TETRA TMO 数字测试功能之测试限值



R8000C: TETRA DMO & TMO 数字测试功能测之星座显示



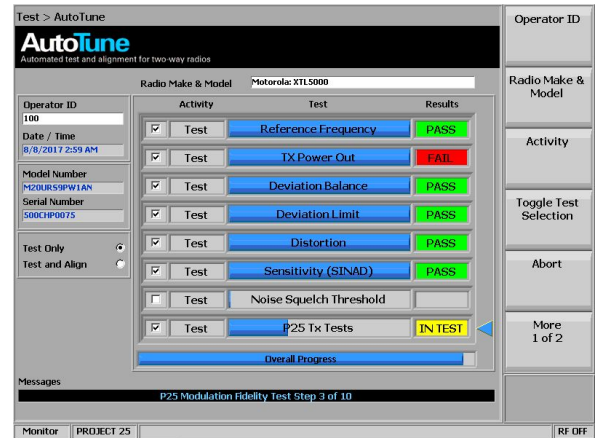
R8000C: TETRA TMO 数字测试功能测之接收机测试



R8000C: 标准功能测试

- 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

R8000C: 自动测试



R8000C: 增加的测量功能

- 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



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