

MDN-F6 / Portable LTE Air Analyzer System

Overview

- ▶ LTE radio signal analysis for power/quality/timing and broadcasted system information.
- ▶ 3GPP (E-UTRA & E-UTRAN) Release9 compliant.
- ▶ FDD-LTE, TD-LTE, AXGP and WiMAX 2+ support.
- ▶ Small size (245x50x175mm), Light weight (890g), Long battery operation (about 8hr).

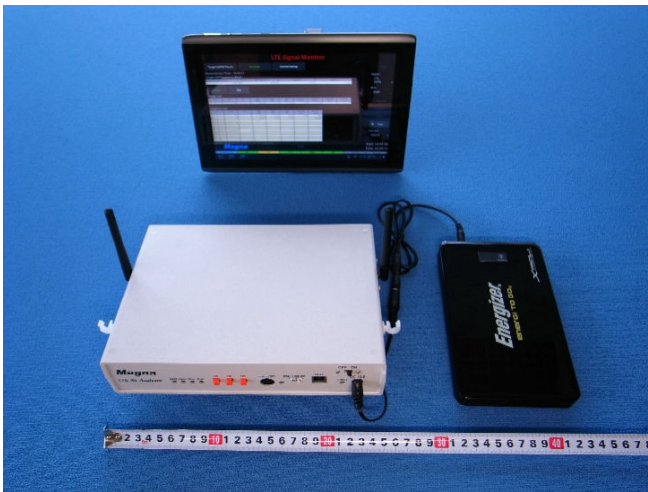
Key Feature

- RF : 2.3 to 2.7 [GHz], by 100[KHz] steps
- BB : BW=1.4, 3, 5, 10, 15, 20 [MHz], Support all subframe configuration.
- External I/F : USB, Bluetooth, microSD, Built-in GPS receiver.
- Battery Operation : About 8hr continuous measurement.
- Signal Monitor : RSSI, SNR, RSRP, RSRQ, SIR, RSTD, PBCH Quality (EVM/BER).
: RSRQ, SIR are measured about CTL, DATA, and CTL+DATA.
: A maximum of 20 cells simultaneous measurement capability.
- System Information Monitor : Event detection of SIB update. (e.g. ETWS notification)
: Real-time decode of MIB, SIB1, SIB2-SIB13.
- Supported OS : Windows XP, Windows7, Android
- Others : Support for standalone mode without application software.
: Temperature sensor, Real-time clock.

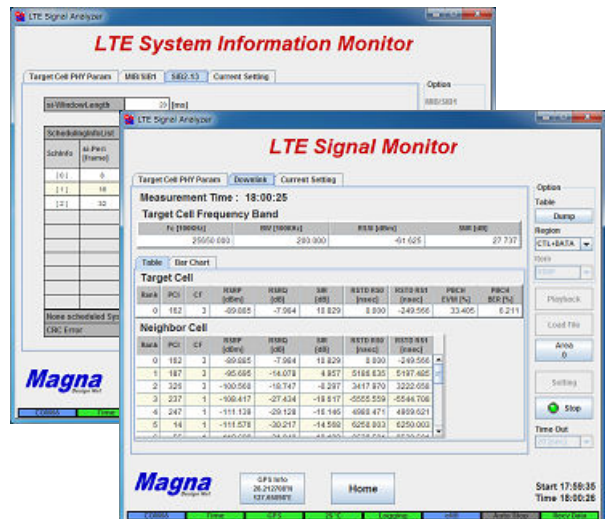
Products

- Air Analyzer Unit : RF signal demodulation, Signal analysis, Logging, External I/F.
- Application SW : Air Analyzer Unit control, Real time monitoring, Log data analysis.
- Battery Unit : External mobile battery.
- Accessories : Carrying bag, AC Adapter, USB cable, microSD card, Etc

Air Analyzer Unit & Battery Unit



Application Software



Note: Android device is not included in the product.