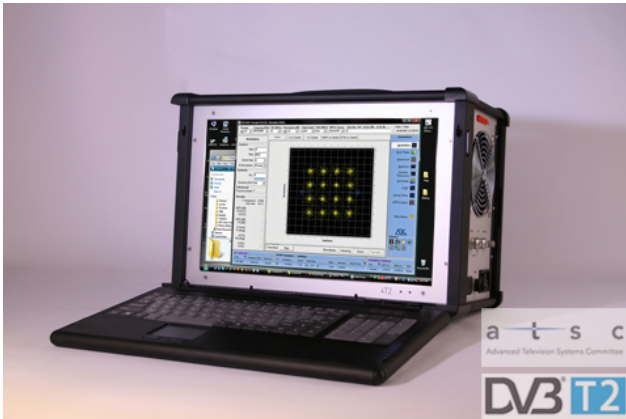


# D A T A S H E E T



The 4T2™ Portable test set is a compact and robust, highly accurate measurement system for digital terrestrial broadcasting (DVB-T/-T2, ATSC).

The system combines real-time measurements of RF modulation parameters (COFDM, 8VSB), with MPEG transport stream analyser functions in a robust and portable instrument.

The 4T2™ 2012 release comes with a high resolution 1920x1200 screen and the latest multi-core processor. Hardware-accelerated transport stream decoding makes the 4T2™ compatible to more transmission formats, such as MPEG-4 H.264 in high definition.

## interfaces

Demodulator input	N (50Ω), -35 ÷ 15dBm
Selective input	BNC (50 Ω) -90 ÷ -10dBm 46.5 ÷ 870 MHz
DVB-ASI (EN50083-9)	BNC (75 Ω), max 214 Mbps
USB 2.0	2 high speed 480 Mb/s
Ethernet	1GB/s

## physical and power

Width	420 mm / 16.54 in
Height	280 mm / 11.02 in
Depth	220 mm / 8.66 in
Weight	10 kg / 22.05 lbs
Power supply	90 .. 260 V, 47.. 63 Hz

## 4T2™ Portable test set



### fields of use

- Transmitter alignment and acceptance testing
- Regulation authority spectrum compliance checking
- Single Frequency Network installation and trouble shooting
- Simultaneous multiple RF-channel coverage verification

### benefits

- All-in-one-box. No external equipment required
- Outstanding measurement quality
- Expert functions to improve operator's performance
- Ultra-robust design, methodically refined over one decade
- RF-, and Transport Stream analysis
- Hardware and software from one supplier

### characteristics

- MER better 42 dB
- Level accuracy 0.5 dB
- Oven disciplined oscillator
- Specific SFN functions
- Supporting 64bit Windows®

### environmental

Operating temperature	0 ÷ 40° C (32 ÷ 104° F)
Storage temperature	-20 ÷ 50° C (-4 ÷ 122° F)
Humidity	5 ÷ 85 %, non condensing

### package contents

4T2™ Portable test set  
4T2™ RF-Analyser application  
4T2™ Content-Analyser application  
Softcase-trolley  
Additional accessories available

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