

Data Sheet

UTS3000B Series Spectrum Analyzer

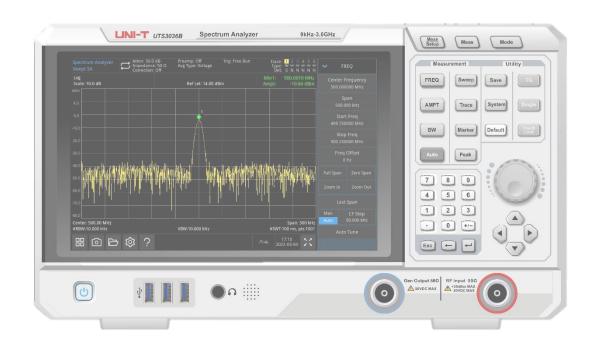
V 1.2

March 2025

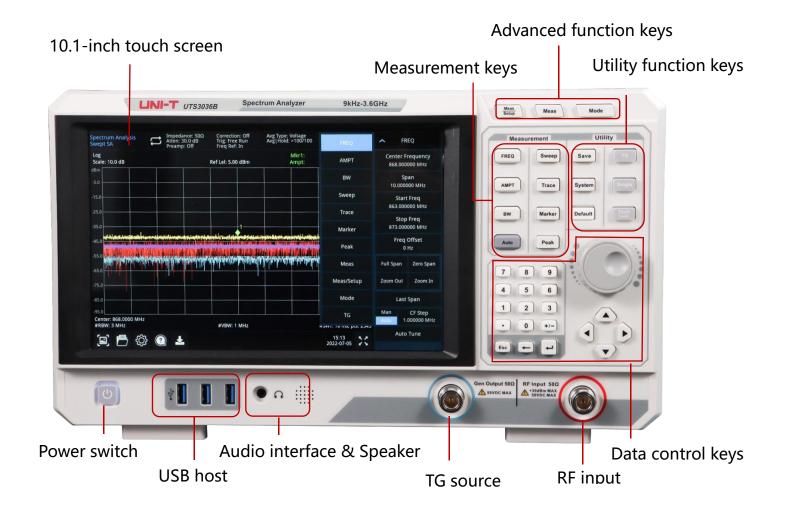
Product Features

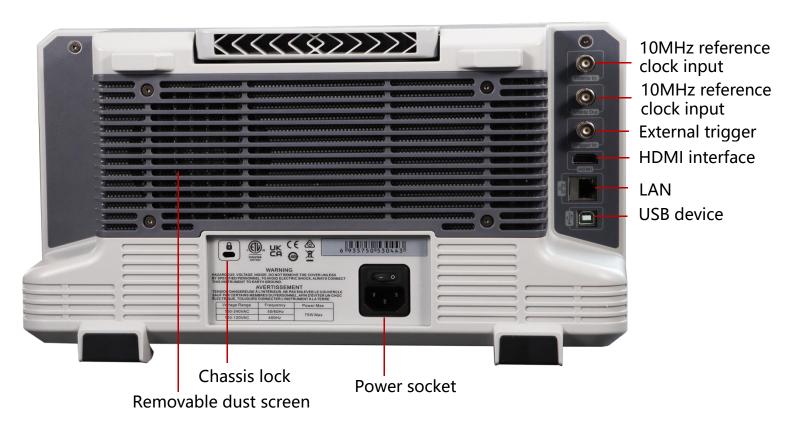
■ Frequency measurement range: 9 kHz to 2.1 GHz, 9 kHz to 3.6 GHz, 9 kHz to 8.4 GHz

- Display average noise level can be as low as -161 dBm (typical value)
- Phase noise <-98 dBc/Hz(Offset 10 kHz, typical value)</p>
- Full amplitude accuracy < 0.7 dB
- Up to 40,001 scanning points
- Minimum resolution bandwidth (RBW) 1 Hz
- Advanced function one key measurement (optional)
- EMI Pre-compliance analysis function (optional)
- Support analog demodulation analysis (optional)
- Support tracking source output function (optional)
- 10.1-inch 1280 × 800 HD capacitive touch screen
- Provide USB/LAN interface, support SCPI protocol



2/18





Instruments.uni-trend.com 3 / 18



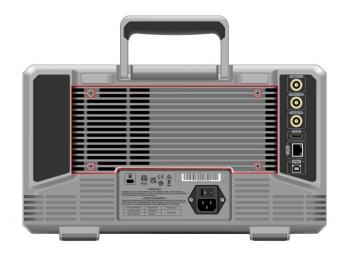
Excellent sensitivity to test weaker signals

The weak signal test is easily affected by the noise floor of the spectrum analyzer itself. UTS3000B series DANL as low as -161dBm, excellent sensitivity can effectively test weak signals.

Multi touch HD screen for quick operation

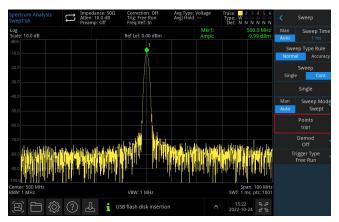
10.1-inch multi-touch HD capacitive screen. Quick menu settings. Supports multiple gesture operations such as dragging, expanding, and zooming on the trace. Convenient human-computer interaction operation solves the problem of cumbersome and difficult operation to the greatest extent.





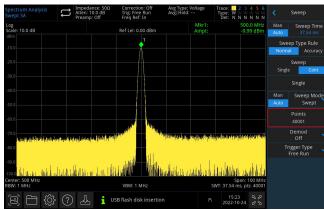
Removable dust mesh

With a detachable dust filter, after the instrument is used for a period of time, the user can remove the dust from the air inlet. To ensure the reliability of the whole machine, it can avoid short-circuit, burn or fire caused by dust.



Scan 40,001 points

The UTS3000B series provides up to 40,001 sweep points, providing higher frequency resolution, making it easier to capture signals that are difficult to detect.





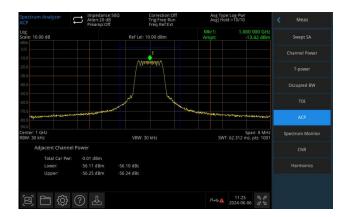
Excellent selectivity

It has stronger signal resolution capability of adjacent unequal amplitudes.

EMI pre-compliance (Optional)

UTS3000B series Optional components, together with near-field probes, help you find and improve EMI defects in advance. Thereby shortening the development cycle.



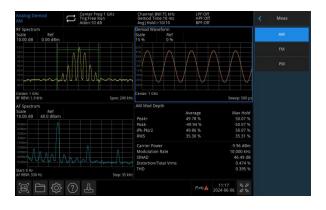


Advanced measurement (Optional): Calculating ACPR (Adjacent Channel Power Ratio)

The advanced measurement mode provides the test items required by the transmitter test specification: Channel Power, T-power, Occupied BW, TOI, ACP, Spectrum Monitor, CNR, Harmonics.

Analog demodulation analysis (Optional)

Provides demodulation analysis of AM, FM, PM analog signals



Definitions and Conditions

"Specifications" describe the performance of the parameters covered by the product warranty in detail. Unless otherwise noted, these specifications apply to the temperature range of 20°C to 30°C.

"Typical" refers to additional product performance information that is not covered by the product warranty. When performance exceeds specifications, 80% of units can be demonstrated with a 95% confidence level over a temperature range of 20 °C to 30 °C. Typical performance does not include measurement uncertainty.

"Nominal Value" means expected performance, or describes product performance that is useful in product applications but not covered by the product warranty.

The analyzer can meet its specifications under the following conditions:

The instrument should in a calibration cycle and has warmed up for at least 30 minutes. If the analyzer is stored within the allowable storage temperature range but exceed the allowable operating temperature range, it must be placed within the allowable operating temperature range for at least two hours before starting the analyzer.

Product function and model comparison table

| | UTS3021B | UTS3036B | UTS3084B | UTS3084T |
|----------------------|----------|----------|----------|----------|
| Spectrum analysis | • | • | • | • |
| EMI | 0 | 0 | 0 | 0 |
| Analog demodulation | 0 | 0 | 0 | 0 |
| Advanced measurement | 0 | 0 | 0 | 0 |
| Tracking generator | 0 | 0 | × | • |

Note: ● standard ○ option × Not Available

Frequency and Time Specifications

| Frequency | | | |
|---|--|---|--|
| model | UTS3021B | UTS3036B | UTS3084B/T |
| frequency range | 9 kHz to 2.1 GHz | 9 kHz to 3.6 GHz | 9 kHz to 8.4 GHz |
| resolution bandwidth | 1 Hz | | |
| 10MHz internal frequency reference | e | | |
| Frequency reference | 10.000000 MHz | | |
| Accuracy | ±[(time since last adjus +calibration accuracy] | tment x aging rate)+ to | emperature stability |
| Achievable initial calibration accuracy | <1 ppm | | |
| Temperature stability | <1 ppm | 5 to +45 $^{\circ}\mathrm{C}$, Take 25 | $^{\circ}\!$ |
| Aging rate | 0.5 ppm/ year, 3 ppm/2 | 20 years | |
| Frequency readout accuracy (start | , stop, center, marker) | | |
| Marker resolution | Span / (Sweep point - 1 |) | |
| Marker frequency uncertainty | ±(marker frequency x f x RBW+marker resoluti | | curacy + 1 % x span + 10 % |
| Marker Mode | Normal,Delta∆,Fixed | | |
| Marker function | Marker Noise, Band Po | wer, Band Density, N dl | B, Counter |
| Counter resolution | 1 Hz | | |
| Uncertainty of frequency counter | ±[marker frequency x f resolution] | requency reference ac | curacy+Counter |
| Frequency span (FFT and swept m | ode) | | |
| Sweep range | 0Hz, 100 Hz to 2.1 GHz | 0Hz, 100 Hz to 3.6 GH | z OHz, 100 Hz to 8.4 GHz |
| Sweep accuracy | Swept | ±[0.25%*Span+Span | /(Points-1)] |
| | FFT | ±[0.10%*Span+Span | /(Points-1)] |
| Sweep time and triggering | | | |
| Sweep time | 1 ms to 4,000 s(span ≠ | 0) | |
| oweep time | 1 μs to 4,000 s(span = | 0) | |
| Sweep Type Rule | Accuracy, Normal | | |
| Sweep Mode | Swept, FFT | | |
| Sweep Rules | Single, Continuous | | |
| Trigger Type | Free Run, External, Vid | e0 | |
| External trigger input | TTL, Rising/Falling | | |
| Resolution bandwidth (RBW) | | | |
| Range (-3dB bandwidth) | 1 Hz to 3 MHz, 1-3-10 ste | eps | |
| Selectivity (-60 dB/-3 dB) | <4.8: 1(nominal) | -60 dB: -3 dB | |
| Bandwidth accuracy (-3 dB) | < 5% (nominal) | | |

| Video bandwidth (VBW) | |
|--------------------------------|-----------------------------|
| Range | 1 Hz to 3 MHz, 1-3-10 steps |
| Uncertainty of video bandwidth | < 5% |

Amplitude Accuracy and Range

| Amplitude range | | | | |
|--|--|--|--|--|
| Range | 10 MHz to maximum frequency | | | |
| Reference level | -100 dBm to+30 dBm, steps 1 dB | | | |
| Preamp | 20 dB, Nominal, 9 kHz to | 2.1 GHz (3.6 GHz, 8.4 GHz) | | |
| Input attenuator range | 0 to 51 dB, 1 dB Step | | | |
| Maximum safe input level | | | | |
| DC volts | 50 V DC | max | | |
| Maximum continuous wave RF power | ≤+33 dBm | 3 minutes, Input attenuation >20 dB | | |
| Display range | | | | |
| Log scale | 1 dB to 200 dB | | | |
| Linear scale | 0 to Reference level | | | |
| Scale units | dBm, dBmV, dBμV, V, W | , | | |
| Sweep (trace) point range | 40,001 | 40,001 | | |
| Number of traces | 6 | 6 | | |
| Detector | Sample, Peak, Negative, Normal, Average | | | |
| Тгасе Туре | Clear/Write, Average, M | Clear/Write, Average, Max Hold, Min Hold | | |
| Frequency response | | | | |
| $20^{\circ}\!$ | Input attenuation 20 dB,be relative to 50 MHz。 | | | |
| Preamp Off | 9 kHz to 3.6 GHz | ±0.6 dB; ±0.3 dB, Typical | | |
| Freamp on | 3.6 GHz to 8.4 GHz | ±0.8 dB; ±0.6 dB, Typical | | |
| Preamp On | 100 kHz to 3.6 GHz | ±1.0 dB; ±0.8 dB, Typical | | |
| Freamp on | 3.6 GHz to 8.4 GHz | ±1.2 dB; ±1.0 dB, Typical | | |
| Error and precision | | | | |
| Resolution bandwidth switching uncertainty | Relative to 10 kHz RBW logarithmic resolution ± 0.2 dB, linear resolution ± 0.01, Nominal | | | |
| Input attenuation switching uncertainty | 20 to 30 ℃, fc=50 MHz, Preamp Off, Relative to 20 dB attenuation, Input attenuation 1 to 51 dB | | | |
| | ±0.5 dB | | | |
| Absolute amplitude accuracy | 20 to 30 °C , fc=50 MHz, RBW=1 kHz, VBW=1 kHz, Peak detectors, Input attenuation 20 dB | | | |
| | ±0.4 dB, Input signal level -20 dBm, Preamp Off | | | |

| | ±0.5 dB, Input signal level -40 dBm, Preamp On |
|--|--|
| Total absolute amplitude accuracy | 20 to 30 ℃, fc>100 kHz, Input signal level -50 dBm to 0 dBm, RBW=1 kHz, VBW=1 kHz, Peak detectors, Input attenuation 20 dB, Preamp Off, 95% confidence |
| | ±(0.4 dB+ Frequency response) |
| Input voltage standing wave ratio (VSWR) | <1.8 (Nominal) |

Dynamic Range Specifications

1 dB gain compression

20 to 30 $^{\circ}$ C, fc \geq 50 MHz, Input attenuation 0 dB, Preamp off

>-5 dBm, Nominal

Displayed average noise level (DANL)

20 to 30 $^{\circ}$ C, 0dB RF attenuation, RBW=1Hz, VBW=1Hz, sample detector, average > 50

| | | UTS3036B/UTS3021B | UTS3084B/UTS3084T |
|------------------|--------------------|------------------------------|-------------------------------|
| | 100 kHz to 500 kHz | -108dBm (Nominal) | -108 dBm (Nominal) |
| | 500 kHz to 1 MHz | -120 dBm, -124 dBm (Typical) | -114 dBm, -118 dBm (Typical) |
| | 1 MHz to 10 MHz | -127 dBm, -130 dBm (Typical) | -124 dBm, -128 dBm (Typical) |
| | 10 MHz to 200 MHz | -142 dBm, -145 dBm (Typical) | -144 dBm, -148 dBm (Typical) |
| Preamp off | 200 MHz to 1.5 GHz | -143 dBm, -146 dBm (Typical) | -143 dBm, -147 dBm (Typical) |
| • | 1.5 GHz to 3.2 GHz | -140 dBm, -143 dBm (Typical) | -142 dBm, -144 dBm (Typical) |
| | 3.2 GHz to 4.5 GHz | -135 dBm, -140 dBm (Typical) | -139 dBm, -142 dBm (Typical) |
| | 4.5 GHz to 6.2 GHz | | -134 dBm, -138 dBm (Typical) |
| | 6.2 GHz to 7.5 GHz | | -138 dBm, -143 dBm (Typical) |
| | 7.5 GHz to 8.4 GHz | | -139 dBm, -141 dBm (Typical) |
| | 100 kHz to 500 kHz | -125 dBm (Nominal) | -130 dBm (Nominal) |
| | 500 kHz to 1 MHz | -137 dBm, -140 dBm (Typical) | -135 dBm, -140 dBm (Typical) |
| | 1 MHz to 10 MHz | -145 dBm, -153 dBm (Typical) | -146 dBm, -152 dBm (Typical) |
| | 10 MHz to 200 MHz | -159 dBm, -162 dBm (Typical) | -162 dBm, -165 dBm (Typical)) |
| Preamp on | 200 MHz to 1.5 GHz | -161 dBm, -164 dBm (Typical) | -162 dBm, -164 dBm (Typical) |
| · | 1.5 GHz to 3.2 GHz | -159 dBm, -161 dBm (Typical) | -160 dBm, -162 dBm (Typical) |
| | 3.2 GHz to 4.5 GHz | -155 dBm, -158 dBm (Typical) | -157 dBm, -160 dBm (Typical)) |
| | 4.5 GHz to 6.2 GHz | | -153 dBm, -156 dBm (Typical) |
| | 6.2 GHz to 7.5 GHz | | -155 dBm, -157 dBm (Typical) |
| | 7.5 GHz to 8.4 GHz | | -154 dBm, -156 dBm (Typical) |
| Churious roomana | | | |

Spurious responses

Second 20 to 30 °C, Preamp off, Signal input-30 dBm, 0dB RF attenuation

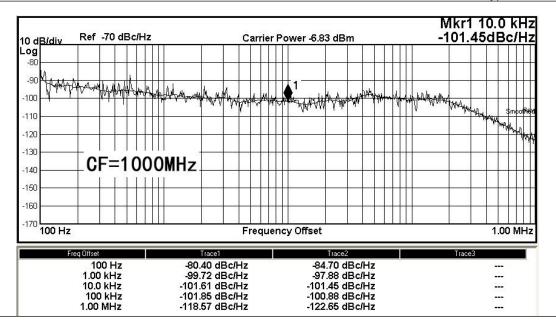
10 / 18

| harmonic distortion (SHI) | fc≥50 MHz | -65 dBc/+35 dBm |
|----------------------------------|--|-----------------|
| Third-order | 20 to 30 °C, Preamp off, Signal input-20 dBm, 0 dB RF attenuation, fc ≥ 50 MHz | |
| intermodulation distortion (TOI) | +10 dBm; +13 dBm Nominal | |
| Input related | 20 to 30 ℃, Mixer level: -30 dBm | |
| spurious | <-60 dBc | |
| Residual | 20 to 30 °C, Input port 50 Ω, RF attenua | ition 0 dB |
| responses | <-90 dBm | |
| | | |

Phase noise

20 to 30 $^{\circ}$ C, fc=1 GHz, RBW=1 kHz, VBW=10 Hz, Sampling detection, Log avg, avg > 50

| Offset | UTS3036B/UTS3021B | UTS3084B/UTS3084T |
|---------|------------------------------------|---------------------------------------|
| 10 kHz | -95 dBc/Hz, -98 dBc/Hz (Typical) | |
| 100 kHz | -93 dBc/Hz, -98 dBc/Hz (Typical) | |
| 1 MHz | -115 dBc/Hz, -116 dBc/Hz (Typical) | -110 dBc/Hz, -112 dBc/Hz (Typical) |



Tracking Generator Specifications

| Frequency | | | |
|--------------------|-----------------------|--------------------|------------------|
| Frequency range | 10 MHz to 2.1 GHz | 100 kHz to 3.6 GHz | 100 kHz to 6 GHz |
| Counter resolution | 10 Hz | | |
| Output power level | | | |
| Range | -40 dBm to 0 dBm | | |
| Resolution | 0.5 dB | | |
| Flatness output | be relative to 50 MHz | | |

| | ±3 dB |
|---------------------------------|----------|
| Maximum safe reverse input leve | |
| Average total power | 30 dBm |
| AC coupling | ±50 V DC |

Analog Demodulation Analysis (Option)

| Demodulation | | | |
|----------------------------------|----------------------------------|-----------------|-------------------------|
| Frequency range | 2 MHz to 2.1 GHz | 2 MHz to 3.6 GH | dz 2 MHz to 8.4 GHz |
| Carrier power accuracy | ±2 dB | | |
| Input power | -30 dBm to +20 dBm | | Automatic attenuation |
| Carrier power display resolution | 0.01 dBm | | |
| AM measurement | | | |
| Modulation rate | 20 Hz to 100 kHz | | |
| Acquiracy | 1 Hz (Nominal) | | Modulation rate < 1 kHz |
| Accuracy | < 0.1% Modulation rate | (Nominal) | Modulation rate ≥ 1 kHz |
| Depth | 5 to 95% | | |
| Accuracy | ±4%(Nominal) | | |
| FM measurement | | | |
| Modulation rate | 20 Hz to 100 kHz | | |
| Accuracy | 1 Hz (Nominal) | | Modulation rate < 1 kHz |
| | < 0.1% Modulation rate (Nominal) | | Modulation rate ≥ 1 kHz |
| Frequency offset | 1 kHz to 400 kHz | | |
| Accuracy | ±4% (Nominal) | | |
| PM measurement | | | |
| Modulation rate | 20 Hz to 100 kHz | | |
| Accuracy | 1 Hz (Nominal) Mod | | odulation rate < 1 kHz |
| | < 0.1% Modulation rate | (Nominal) Mo | odulation rate ≥ 1 kHz |
| Phase deviation | 0.2 to 6.28 rad | | |
| <u> </u> | ±4% (Nominal) | | |

EMI (Option)

| EMI Resolution bandwidth | |
|-------------------------------|--|
| Resolution bandwidth (-6dB) | 200 Hz, 9 kHz, 120 kHz, 1 MHz |
| Resolution bandwidth accuracy | <5%, (Nominal) |
| EMI detector | |
| EMI detector | Peak, Negative Peak, Quasi Peak, EMI Average, Average |
| EMI Main function | |
| | EMI Standard: CISPR |
| | View: Scan table, Meter, Signal table |
| | Meter control |
| | Avg settings |
| | Limit: AS-NZS, BellCore, DEF-STAN, D0-160, EN, FCC, GB9254, MIL-461, VCCI and Custom |
| Main function | Signal table settings |
| | Scan table settings |
| | Scan Sequence: Scan, Search, Scan-Search-Meas, Scan-Search, Search-Meas, Measure |
| | Sig Detector |
| | Output report |

Reflection measurement (Option)

| Incentive and reflex measurement | | |
|----------------------------------|---|--|
| Cursor measurement | VSWR, Return loss, Reflection coefficient | |
| Calibration type | Open | |
| Excitation power | -20 to 0 dBm | |

Advanced measurement kit

| Power Measurement | | |
|------------------------------|--|--|
| Channel Power | Channel power, Power spectral density | |
| Adjacent Channel Power (ACP) | Main CH Power, Left channel power, Right channel power | |
| Occupied Bandwidth | Occupied Bandwidth, Transmit Frequency Error | |
| Time Domain Power | Zero Span Integrated Power | |
| Carrier Noise Ratio(CNR) | C/N, Noise Power | |
| Non-Linear Measurement | | |
| Third-Order Intercept(TOI) | Measure the third-order products from two tones | |
| Harmonic Measurement | Max Harmonic number 10 | |
| Spectrum Monitor Measurement | | |
| Spectrogram | | |

Interface and display

| Common interface | |
|---------------------------------|---|
| RF Input | Type-N female, 50 Ω, nominal |
| Front panel trace source output | Type-N female, 50 Ω , nominal |
| 10MHz Ext Ref In | 10 MHz, >0 dBm, BNC female, 50 Ω, nominal |
| 10 MHz out | 10 MHz, -5 dBm to +10 dBm,BNC female, 50 Ω, nominal |
| External trigger input | TTL , BNC female |
| HDMI display | HDMI 1.4 Display interface |
| USB-Host | USB-A |
| USB-Device | USB-B |
| LAN | LAN(VXI11), 10/100/1,000 Base, RJ-45 |
| Headphone Jack | 3.5 mm (1/8 inch) miniature stereo audio jack |
| Display screen | |
| Display Type | 10.1-inch capacitive multi-touch panel |
| Display resolution | 1280×800, RGB Vertical pixel |

General technical specifications

| Specifications | | |
|----------------|-----------------------------------|-----------------------------------|
| Supply voltage | 100 to 240 VAC (Fluctuations±10%) | 100 to 120 VAC (Fluctuations±10%) |
| Frequency | 50/60 Hz | 400 Hz |

| Environment | | | |
|--|---|---|--|
| Touris | operation: 0°C to +40°C | | |
| Temperature range | Non operational: -20 ℃ to +60 ℃ | | |
| Cooling method | Fan forced cooling | | |
| Humidity range | operation: Below +35 °C ≤90% relative humidity; Non operational: +35 °C to +40 °C ≤60% relative humidity | | |
| Altitude | operation: Below 3,000 m; Non operational: Below 15,000 m | | |
| Mechanical specifications | | | |
| Dimensions | 378mm×218mm×120mm (Width x Height x Length) | | |
| Net weight | 4.55 kg | | |
| Calibration cycle | The recommended calibration cycle is one year | | |
| Regulatory standards | | | |
| EMC | Compliance with EMC directives(2014/30/EU), Conform to or better than IEC 61326-1:2021/EN61326-1:2021, IEC 61326-2-1:2021/EN61326-2-1:2021 | | |
| Conductive disturbance | CISPR 11/EN 55011 | CLASS B group 1, 150kHz-30MHz | |
| Radiation disturbance | CISPR 11/EN 55011 | CLASS B group 1, 30MHz-1GHz | |
| (ESD)Electrostatic discharge (ESD) | IEC 61000-4-2/EN 61000-4-2 | 4.0 kV (Contact), 8.0 kV (air) | |
| Radio frequency electromagnetic field immunity | IEC 61000-4-3/EN 61000-4-3 | 0 V/m (80 MHz to 1 GHz); 3 V/m (1.4 GHz to 2 GHz); 1 V/m (2.0 GHz to 2.7GHz) | |
| (EFT)Electrical fast transient burst (EFT) | IEC 61000-4-4/EN 61000-4-4 | 2 kV (AC input port) | |
| Surge | IEC 61000-4-5/EN 61000-4-5 | 1 kV (Live line to zero line) 2 kV (Fire/zero line to ground) | |
| Immunity to RF continuous conduction | IEC 61000-4-6/EN 61000-4-6 | 3 V, 0.15-80 MHz | |
| Voltage dips and short interruptions | IEC 61000-4-11/EN 61000-4-11 | Voltage dip: 0% UT during 1 cycle; 40% UT during 10/12 cycles; 70% UT during 25/30 cycles Short Interruption: 0% UT during 250/300 cycles | |
| Safety regulations | | | |
| | EN 61010-1:2010+A1:2019 EN IEC61010-2-030:2021+A11:202 UL 61010-1:2012 Ed.3+ R:19 Jul20 UL 61010-2-030:2018 Ed.2 CSA C22.2#61010-1:2012 Ed.3+U1 CSA C22.2#61010-2-030:2018 Ed. | 19 ; U2; A1 | |

Ordering information

| | Description | Ordering No. | | |
|------------------------------------|---|--------------|--|--|
| Models | Spectrum analyzer, 9 kHz to 2.1 GHz | UTS3021B | | |
| | Spectrum analyzer, 9 kHz to 3.6 GHz | UTS3036B | | |
| | Spectrum analyzer, 9 kHz to 8.4 GHz | UTS3084B | | |
| | Spectrum analyzer, 9 kHz to 8.4 GHz with built-in Tracking generator | UTS3084T | | |
| Standard accessories | Power cord ×1 | | | |
| Standard accessories | USB cable x1 | UT-D14 | | |
| Recommended options & accessories | | | | |
| | Advanced measurement kit | UTS3000-AMK | | |
| | EMI measurement option | UTS3000-EMI | | |
| Ontions | Analog demodulation analysis option | UTS3000-AMA | | |
| Options | Tracking generator entities | UTS3021B-TG | | |
| | Tracking generator options | UTS3036B-TG | | |
| | Reflection measurement options | UTS3000-Relf | | |
| | SMAJ-NJ-0.7M DC-6G Cable x1 | UT-W02-6GHz | | |
| | NJ-NJ-0.7M DC-6G Cable x1 | UT-W01-6GHz | | |
| UT-CK01 | Adapter SMA-N-KJ-T DC-6GHz x2 | UT-C01-6GHz | | |
| accessories kit | Adapter N-BNC-JK DC-4GHz x2 | UT-C02-4GHz | | |
| | Antenna 2400MHz-2500MHz x2 | UTS-T01 | | |
| | Antenna 824-960MHz/1710-1990MHz x2 | UTS-T02 | | |
| | 50Ω-SMA-SMB Cable x1 | UT-W03 | | |
| UTS-EMI01 Near-field probes kit | Adapter SMA-N-KJ-T DC-6 GHz x1 | UT-C01 | | |
| | Near field probe, frequency range 30 MHz-3 GHz, Detection range 10 cm x1 | NFP-3G-P1 | | |
| | Near field probe, frequency range30MHz-3GHz, Detection range 3 cm x1 | NFP-3G-P2 | | |
| | Near field probe, frequency range30MHz-2GHz, resolving power 5 mm x1 | NFP-2G-P3 | | |
| | Near field probe, frequency range30MHz-3GHz, resolving power 2 mm x1 | NFP-3G-P4 | | |

Options ordering and installation

1. **Purchase options:** Based on your requirements, please purchase the specified function options from UNI-T Sales Personnel and provide the serial number of the instrument that needs the option installed.

- 2. **Receive certificate:** You will receive the license certificate based on the address provided in the order.
- 3. **Register and obtain license:** Visit the UNI-T official website license activation session for registration. Use the license key and instrument serial number provided in the certificate to obtain the option license code and license file.
- 4. **Install the option:** Download the option license file to the root directory of a USB storage device and connect the USB storage device to the instrument. Once the USB storage device is recognized, the Option Install menu will be activated. Press this menu key to begin installing the option.

Limited Warranty and Liability

UNI-T guarantees that the Instrument product is free from any defect in material and workmanship within three years from the purchase date. This warranty does not apply to damages caused by accident, negligence, misuse, modification, contamination, or improper handling. If you need a warranty service within the warranty period, please contact your seller directly. UNI-T will not be responsible for any special, indirect, incidental, or subsequent damage or loss caused by using this device. For the probes and accessories, the warranty period is one year. Visit instrument.uni-trend.com for full warranty information.



Learn more at: www.uni-trend.com



Register your product to confirm your ownership. You will also get product notifications, update alerts, exclusive offers and all the latest information you need to know.

LINI-T. is the licensed trademark of UNI-TREND TECHNOLOGY (CHINA) CO., Ltd.

UNI-T products are protected under patent laws in China and internationally, covering both granted and pending patents. Licensed software products are the properties of UNI-Trend and its subsidiaries or suppliers, all rights reserved. This manual contains information that replaces all earlier published versions. The product information in this document subject to update without notice. For more information on UNI-T Test & Measure Instrument products, applications, or service, please contact UNI-T instrument for support, the support center is available on www.uni-trend.com ->instruments.uni-trend.com https://instruments.uni-trend.com/ContactForm/

Headquarter

UNI-TREND TECHNONOLGY (CHINA) CO., Ltd.

Address: No.6, Industrial North 1st Road, Songshan Lake Park, Dongguan City, Guangdong Province, China

Tel: (86-769) 8572 3888

UNI-TREND TECHNOLOGY EU GmbH Address: Affinger Str. 12 86167 Augsburg Germany

Tel: +49 (0)821 8879980

North America

UNI-TREND TECHNOLOGY US INC. Address: 3171 Mercer Ave STE 104,

Bellingham, WA 98225 Tel: +1-888-668-8648