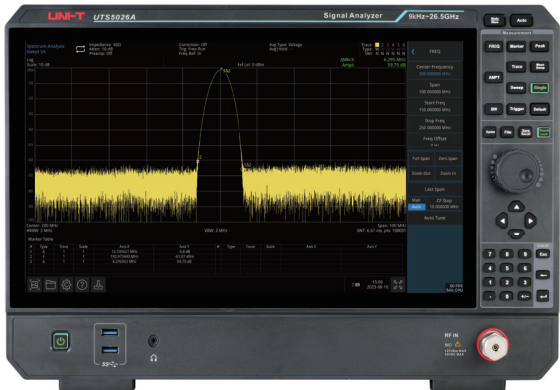


UTS5000A Series NEW

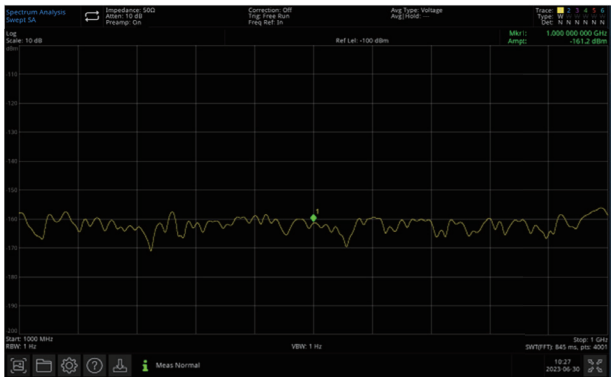
Signal Analyzers



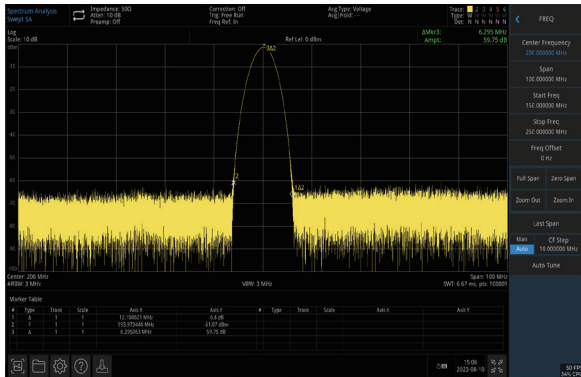
- Frequency range 9kHz to 26.5 GHz
- DANL: -163 dBm(typical value)
- Phase noise: <-107 dBc/Hz (at 10 kHz offset, typical)
- Scan points up to 100001 points
- Minimum Resolution Bandwidth (RBW) 1 Hz
- Support advanced one-key measurement (option)

The UTS5000A series is a signal analyzer with a frequency range of 9 kHz to 26.5 GHz. It can be used as the main equipment required to build an automatic control system. It can also meet your needs in the test systems required for corporate R&D/factory production/education and scientific research, etc.

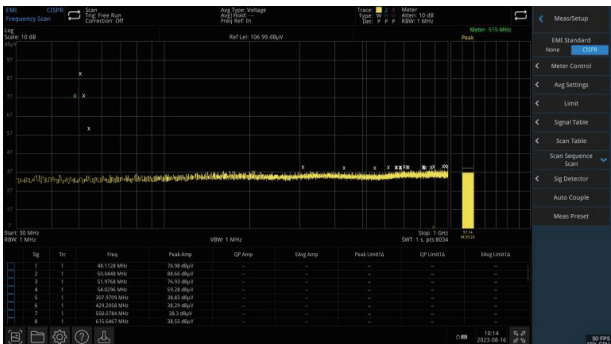
- EMI Analysis Function (optional)
- Support Analog Demodulation Analysis (optional)
- Support Digital Demodulation Analysis (optional)
- Support I/Q Analysis (optional)
- Configuration 15.6 inches 1920x1080 high-definition thin film transistor LCD display



- Excellent sensitivity to test weaker signals



- Excellent selectivity,Scan 100001 points



- EMI pre-compliance



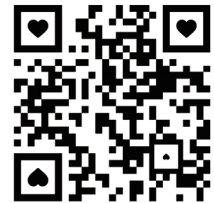
- Removable dust mesh

Key Specifications	UTS5013A	UTS5026A
Frequency range	9kHz-13.6 GHz	9kHz-26.5 GHz
Frequency resolution	0.001Hz	
Sweep width range	0Hz,10Hz-13.6GHz	0Hz,10Hz-26.5GHz
Sweep accuracy	Swept: $\pm[0.25\% \times \text{span} + \text{horizontal resolution}]$	
	FFT: $\pm[0.10\% \times \text{span} + \text{horizontal resolution}]$	
Sweep time	Span = 0 Hz, 1 μ s to 6000 s; Span $\geq$ 10 Hz, 1 ms to 4000 s	
Marker mode	Normal, Delta Δ , Fixed	
Marker function	Marker Noise, Band Power, Band Density, N dB, Counter	
RBW (-3 dB)	1 Hz-3MHz (10% step), 4, 5, 6, 8MHz	
Video bandwidth (VBW)	1 Hz-3MHz (10% step), 4, 5, 6, 8MHz	
Selectivity (-60 dB/-3 dB)	<4.1:1(Nominal) -60dB:-3dB	
Reference level	-170 dBm to +30 dBm,0.01 dB Steps	
Preamplifier	+20 dBm nominal	
Input attenuator range	0 to 50 dB,2 dB Steps	
Trace detectors	Normal, peak, sample, negative peak, log power average, RMS average, and voltage average	
Trace type	Clear/Write,Average,Max Hold,Min Hold	
Scale units	dBm,dBmV,dB μ V,V,W	
Sweep (trace) point range	11 to 100001	
Advanced Measurement	Power Suite Measurement, Nonlinear Measurement, Spectrum Monitoring	
Modulation Analysis	AM Measurement, FM Measurement	
Vector signal analysis	ASK(2 ASK); FSK: 2 FSK, 4 FSK, 8 FSK, 16 FSK; MSK(GMSK); PSK: BPSK, QPSK, OQPSK, 8PSK; DPSK: DBPSK, DQPSK, DBPSK, $\pi/4$ -DQPSK, $\pi/8$ -DBPSK; QAM: 16,32,64,128,256	
I/Q Analyzer analysis bandwidth	Standard: 9 kHz to 25 MHz; Option B40: 9 kHz to 40 MHz	
Real-time analysis bandwidth	25 MHz	
Interface	RF input,10MHz reference IN,10MHz reference OUT,External trigger input,HDMI,USB-Host,USB-Device,LAN	

General Characteristics	
Power	100-240V AC($\pm$ 10%), 50Hz/60Hz 100 to 120 VAC (Fluctuations $\pm$ 10%) 400 Hz
Display	15.6'TFT LCD (1920x1080) touch
Product size(W×H×D)	445mm×311mm×195mm
Product net weight	11kg
Standard quantity per carton	1pc

Ordering Information

UTS5000A Series	UTS5026A: 26.5 GHz, 1Hz-8 MHz, -163 dBm
	UTS5013A: 13.6 GHz, 1Hz-8 MHz, -163 dBm
Standard Accessories	Power cord conforming to the standard of the destination country x1
	USB cable x1
Optional Accessories	UTS-CK01: UT-W02-6GHz x1, UT-W01-6GHz x1, UT-C02-4GHz x2, UT-C01-6GHz x2, UTS-T01 x2, UTS-T02 x2, Kit pouchx1
	UTS-CK02: UT-W03-40GHzx1,UT-C04-40GHzx2,UT-C03-18GHzx1, Kit pouchx1
	UTS-EMI01: Frequency range: 30MHz - 3GHz; include 3 Pcs magnetic field near-field probes and 1 Pcs electric field near field probe; 1 Pcs SMB-SMA cable, 1 Pcs N-SMA adaptor
	UT-W02-6GHz: N-SMA-JJ RF cable,DC-6GHz VSWR≤1.25:1@6GHz IL≤1.8dB@6GHz
	UT-W01-6GHz: N-N-JJ RF cable,DC-6GHz VSWR≤1.25:1@6GHz IL≤1.8dB@6GHz
	UT-W03-40GHz: 2.92J-2.92J RF cable,DC-40GHz VSWR≤1.25:1@40GHz IL≤3.5dB@40GHz
	UT-C02-4GHz: N-BNC-JK adaptor,DC-4GHz VSWR≤1.15:1@4GHz IL≤0.2dB@4GHz
	UT-C01-6GHz: N-SMA-JK adaptor,DC-6GHz VSWR≤1.15:1@6GHz IL≤0.2dB@6GHz
	UTS-T01: Receiving antenna,working frequency 2400MHz-2500MHz,Gain<2dBi
	UTS-T02: Receiving antenna,working frequency 824MHz-960MHz,Gain<2dBi
	UT-C04-40GHz: 2.92-KKG adaptor,DC-40GHz VSWR≤1.20:1@40GHz IL≤0.3dB@40GHz
	UT-C03-18GHz: SMA-N-KJG adaptor,DC-18GHz VSWR≤1.15:1@18GHz IL≤0.3dB@18GHz
Options	UTS5000A-AMK: Advanced measurement kit
	UTS5000A-EMI: EMI measurement option
	UTS5000A-AMA: Analog demodulation measurement option
	UTS5001A-P26: UTS5026A Preamplifier, 26.5 GHz
	UTS5000A-VSA: Digital demodulation analysis option
	UTS5000A-IQ: I/Q Analysis



UTS5000A Series