

EXCITING HIGHLIGHTS

The icon consists of the letters 'I' and 'Q' in a stylized, blue, sans-serif font. The 'I' is on the left and the 'Q' is on the right, both in the same color.

IQ ANALYSIS MODE

The icon features the text 'GSM' stacked above 'EDGE' in a blue, sans-serif font. This text is enclosed within a blue square border.

GSM/EDGE MODE

The icon consists of the letters 'L', 'T', and 'E' in a blue, sans-serif font, spaced out horizontally.

LTE MODE

The icon consists of the text '5G' in a blue, sans-serif font, with 'NR' in a smaller font size positioned to the upper right of the 'G'.

5G NR MODE

The icon consists of the letters 'V' and 'E' in a blue, sans-serif font, spaced out horizontally.

**VECTOR SIGNAL
DEMULATION**

The icon consists of the text 'NB-Lot' in a blue, sans-serif font, with a stylized 'T' at the end.

**NB-LOT
ANALYSIS MODE**

The icon consists of the text '3GFDD' in a blue, sans-serif font.

**3GFDD UP/DOWN
ANALYSIS MODE**

The icon consists of the letters 'W', 'L', 'A', and 'N' in a blue, sans-serif font, spaced out horizontally.

WLAN LINE ANALYSIS

The icon is the standard Bluetooth symbol, a blue combination of a stylized 'H' and 'B'.

**BLUE TOOTH
ANALYSIS MODE**

The icon consists of the letters 'C', 'D', 'M', and 'A' in a blue, sans-serif font, spaced out horizontally.

**CDMA2000 UP/DOWN
ANALYSIS MODE**

The icon consists of the letters 'V', '2', and 'X' in a blue, sans-serif font, spaced out horizontally.

**V2X ANALYSIS
MODE**

The icon is a stylized representation of a spectrum, showing several vertical bars of varying heights in a blue color.

SPECTRUM ANALYSIS

IQ ANALYSIS MODE

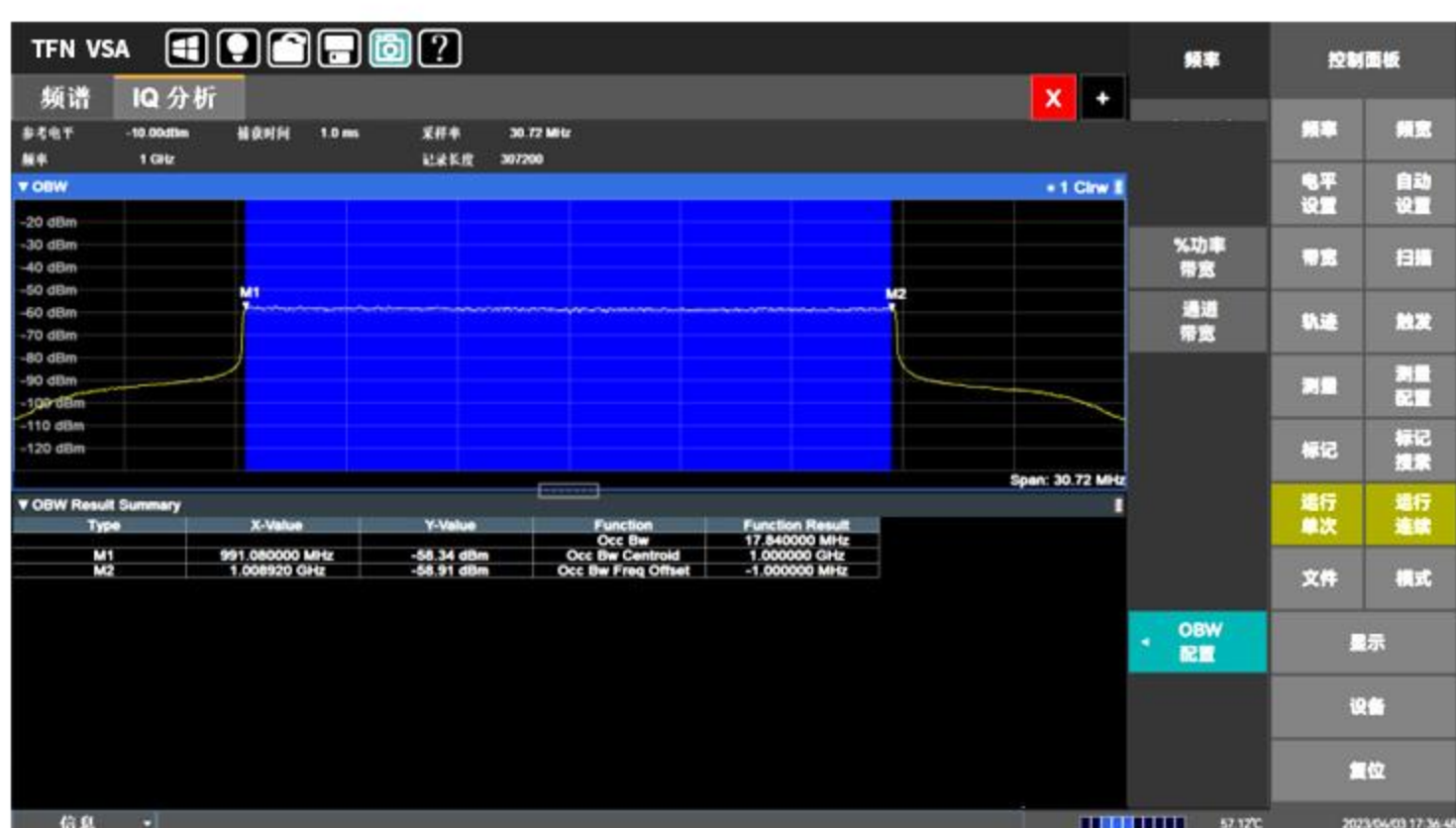


ONE CLICK ACCESS TO ANALYSIS DATA

IQ analysis mode is a standard configuration of the TA series spectrum analyzer, which can obtain IQ data, perform basic signal analysis, and output IQ data.



【IQ Analysis】



【Occupied bandwidth】

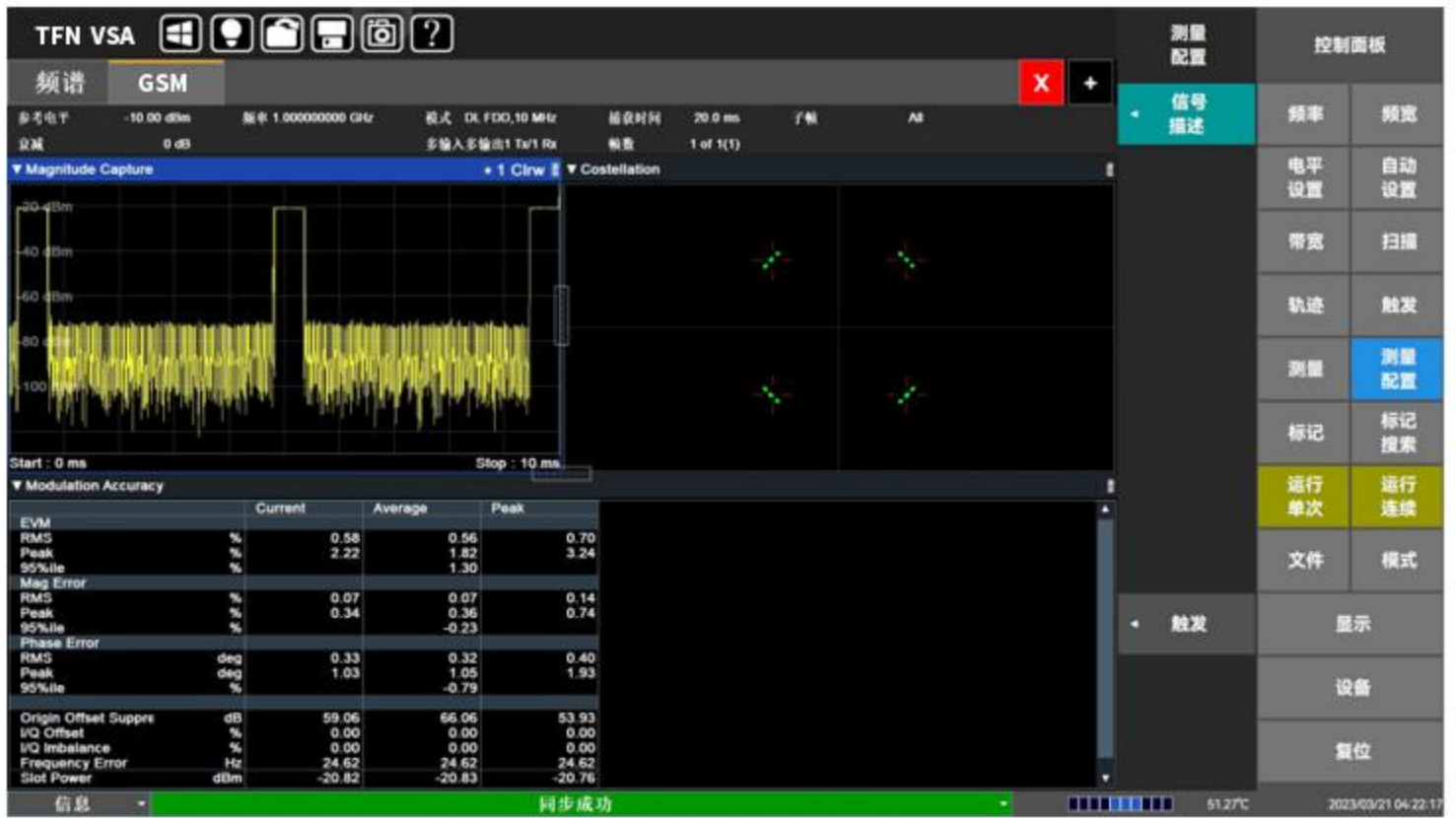


EFFICIENT ANALYSIS MASTER

EXCELLENT LTE/ GSM/ NB IOT DEMODULATION ANALYSIS



【LTE analysis】



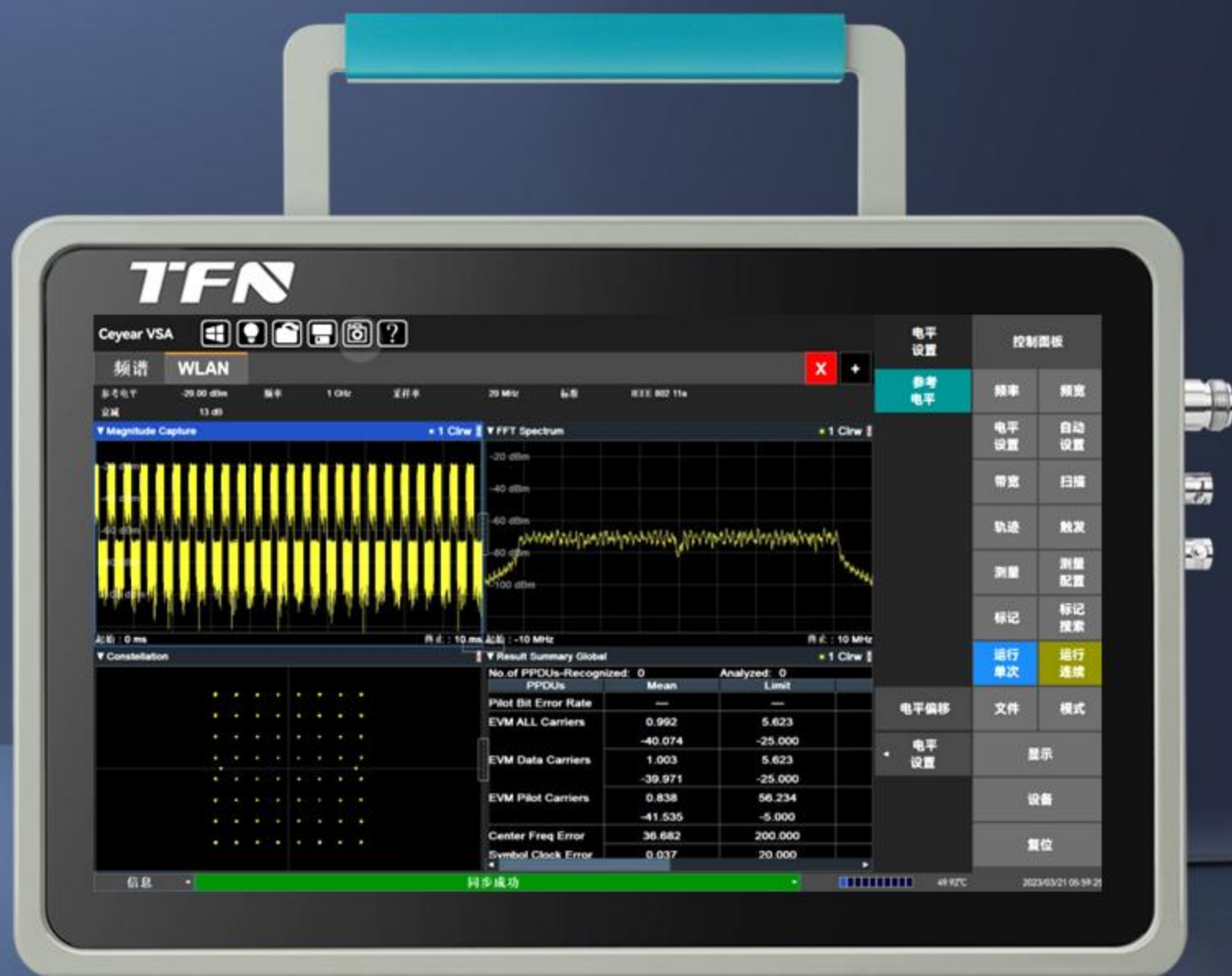
【GSM Analysis】



【NB-IoT analysis】

PERFECT ANALYSIS FUNCTION

Supports WLAN signal analysis, Bluetooth signal analysis vector signal analysis, WCDMA signal analysis, V2X signal analysis, etc





【WLAN signal analysis】



【Bluetooth signal analysis】

SIGNAL RECEPTION

Make the speed superior to others



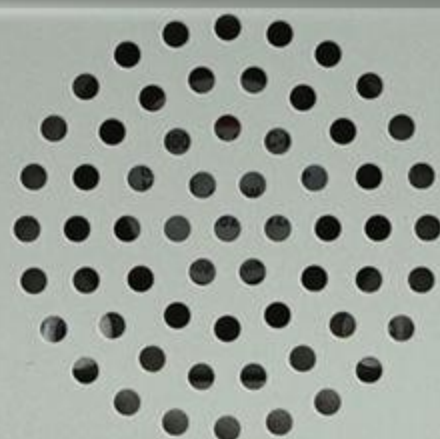
RF IN
+30dBm MAX



10MHz In



Trig In



EASY TO CARRY

JUST LEAVE AS SOON AS YOU SAY



Unlike traditional spectrographs with a heavy body, the TA975 is as light as a laptop, making it easy to store and carry, catering to different environments.



MULTIPLE
SCENES



MULTI SCENARIO USAGE



Handheld testing



Desktop testing



Back attachment bracket



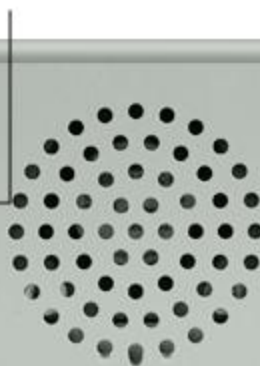
Smooth and silky texture

APPEARANCE DISPLAY MAKE TESTING EFFORTLESS

External RF signal
input interface



External trigger signal



Opening the light



External 10MHz reference signal

LAN



Ethernet
interface

USB



USB interface

+12V



Power supply

TECHNICAL PARAMETER

MAKE TESTING EFFORTLESS

Frequency range	9KHz~6.3GHz
Resolution bandwidth	1Hz~3MHz
Frequency accuracy	$\pm (0.05\text{ppm}+5\text{Hz})$
Reference level	-140dBm ~ 30dBm
Real time bandwidth analysis	Can reach 100MHz
Maximum safe input level	+30dBm, +60dBm (5292A-AT30)
SSB Phase Noise	$\leq -106\text{dBc/Hz}@10\text{kHz}$, $\leq -120\text{dBc/Hz}@1\text{MHz}$
Level accuracy	$\pm 1.0\text{dB}$
Third order intermodulation interception point	100kHz~3GHz: $\geq +10\text{dBm}$ 3GHz~6.3GHz: $\geq +12\text{dBm}$
Second harmonic suppression	$< -75\text{dBc}$