T3VNA Fact Sheet
Vector Network Analyzer

TELEDYNE TEST TOOLS
Everywhere**you**look™

Debug with Confidence
Frequency Range 9 kHz to 3.2 GHz

Tools for Improved Debugging

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● Vector Network Analyzer, Spectrum Analyzer and Distance To Fault modes.	✓ More application coverage from a single instrument.
● -161 dBm/Hz Displayed Average Noise Level (Typ.)	✓ View and measure very small signals.
● -98 dBc/Hz @ 10 kHz Offset Phase Noise (1 GHz, Typ.)	✓ Improved specification gives more accurate measurement results.
● Built-in Advanced Measurement capability (CHP, ACPR, OBW, CNR, TOI, etc)	✓ Wide range of capability and application support as standard.
● Built-in switchable pre-amplifier.	✓ Integrated pre-amplifier allows higher sensitivity measurements.
● 10.1 inch (25.65 cm) color WVGA 1024 x 600 display.	✓ Large, clear and flexible display aids ease of use.
● 3 years warranty as standard.	✓ Reliable product gives piece of mind.

Key Specifications

Model	T3VNA3200
Vector Network Analyzer Frequency Range	100 kHz to 3.2 GHz
Spectrum Analyzer Frequency Range	9 kHz to 3.2 GHz
Resolution Bandwidth	1 Hz to 1 MHz
Displayed Average Noise Level	-161 dBm / Hz
Phase Noise	< -98 dBc / Hz
Total Amplitude Accuracy	< 0.7 dB

For more information, please contact:

AUTHORIZED DISTRIBUTOR
TELEDYNE LECROY
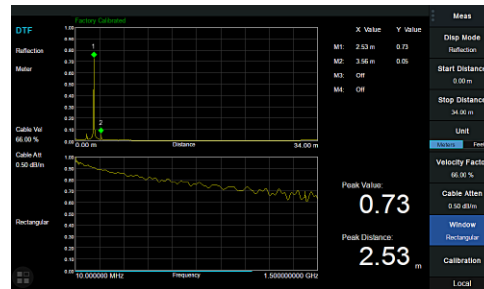Everywhere**you**look

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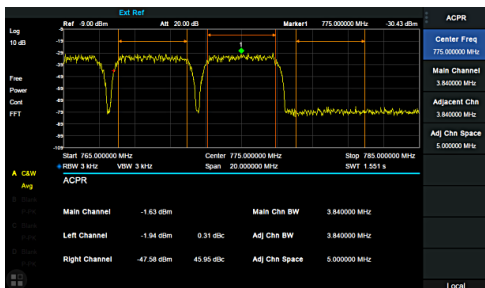# T3VNA Fact Sheet
Vector Network Analyzer

Vector Network Analyzer Mode with multi-format overlay display
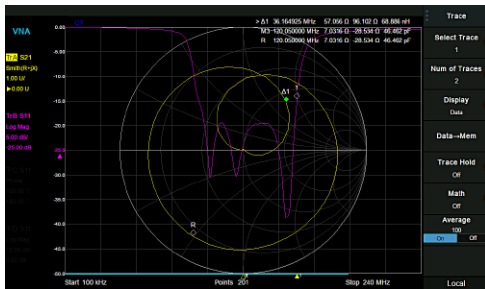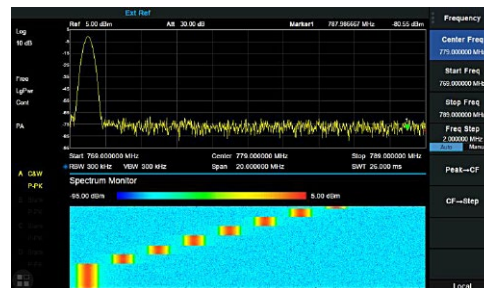

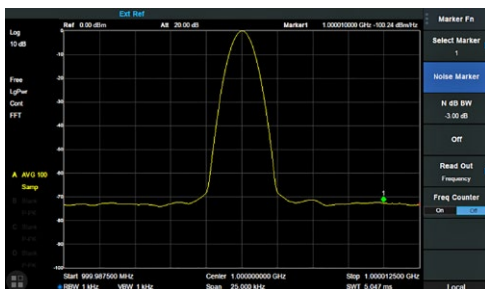### Distance to Fault Mode based on time domain analysis

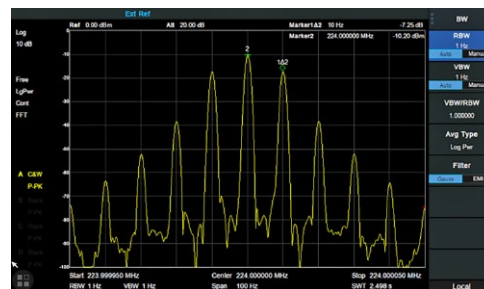### Adjacent Channel Power Ratio (ACPR) in advanced measurement mode

2D Time – Spectrogram in Spectrum Analyzer advanced measurement mode

Phase noise -98 dBc/Hz @1 GHz, offset 10 kHz

Minimum 1 Hz Resolution Bandwidth

Excellent Performance

- "Default Setup", "Preset" and "Auto Tune" for quick user set up.
- Built-in Advanced Measurement capability (CHP, ACPR, OBW, CNR, TOI, etc) as standard.
- Supports full Vector Network Analyzer, Spectrum Analyzer and Distance To Fault modes.
- 1 Hz Minimum Resolution Bandwidth (RBW).
- All-Digital IF Technology.

Great Connectivity

- USB Device, USB Host and LAN support.
- File management (support for U-disc and local storage).
- External trigger input.

Smart Capabilities

- Distance to fault measurement uses VNA time domain analysis capability.
- Built in Preamplifier and Tracking Generator as standard.
- Clear display for easy operation.