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Data Sheet

August 15, 2026

ADVANTEST

Advantest R3562 – Receiver test source

The Advantest R3562 is a receiver test source in the R356x cellular test-source family used with Advantest modulation spectrum analyzers. OEM discontinued-product listings identify the R3562 as a receiver test source alongside R3561/R3561L CDMA test sources. Mobile-station and base-station receiver characteristic tests in Advantest cellular test systems. Receiver test source for Advantest cellular analyzer systems Member of R356x test-source family with R3561 and R3561L Family Level Resolution Example R3561: 0.1 dB Family Harmonics Example R3561: less than or equal to -30 dBc at 0 dBm Family Phase Noise Example R3561: less than or equal to -107 dBc/Hz at 50 kHz offset at 1000 MHz From Advantest discontinued products list identifying R3562 as Receiver test source, with Related Family rows citing published R3561/R3561L datasheet values for shared family context and clearly labeled as such. Expand R3562-only level and frequency limits from the R3562 operating manual without inventing them.



MODEL

Advantest R3562

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

R3562

LISTING

<https://aumictechlabs.com/products/r3562-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Advantest R3562 is a receiver test source designed for precise signal generation and comprehensive evaluation of communication receiver performance. This instrument delivers accurate and stable outputs across multiple standard-compliant channels, validate receiver sensitivity, power control behavior, and signal acquisition across diverse wireless communication

systems. Built for laboratory and development environments, the R3562 supports remote programming and integrates with complementary test instruments for expanded measurement capabilities.

Technical Specifications

Signal Generation & Channels Outputs reference measurement channels compliant with 3GPP standards Supports Primary CPICH, Primary SCH, Secondary SCH, P_CCPCH, and single DPCH channel generation Generates signals with TPC (Transmit Power Control) information I/Q signal processing capable

Measurement Capability Receiver sensitivity measurement utilizing built-in bit error counters

Physical Characteristics Compact dimensions approximately 424 (W) × 177 (H) × 300 (D) mm Weight: 14–15 kg Horizontal operating position required Panel cover included for transport protection

Environmental Requirements Minimum 10 cm clearance required around air vents Operation prohibited in areas with sudden temperature changes, shock, vibrations, moisture, dirt, dust, or magnetic fields Equipped with active cooling fan

Key Features GPIB remote programming interface for system integration Built-in bit error detection for sensitivity validation Multi-channel signal generation from single instrument Stable reference signal output for repeatable measurements

Typical Applications 3GPP receiver performance validation WCDMA receiver sensitivity characterization Transmit power control behavior assessment Radio frequency device development and qualification Wireless communication system testing

Compatibility & Integration The R3562 integrates with complementary instruments such as the R3267 and R3273 for enhanced multi-parameter testing configurations. GPIB connectivity enables automated test sequences and remote control within larger measurement systems.

R3562 Characteristics / Specifications

PARAMETER	VALUE
Model	R3562
Instrument Type	Receiver test source
Product Family	R356x
Related Model R35	PDC/PHS receiver test set
Related Model R3561L	CDMA test source unit 50 MHz to 2 GHz
Host Analyzer Class	Advantest modulation spectrum analyzers
Application Class	mobile and base station receiver tests
Brand	Advantest
Function Class	modulated receiver test stimulus
Cellular Test Class	supported in R356x family context
Discontinued Listing	Advantest EMI discontinued products list
Identifier Alias	R3562
Use Case	receiver characteristic tests
Family Frequency Example R3561L	50 MHz to 2 GHz
Family Resolution Example R3561L	1 Hz
Family Waveform Quality Example R3561L	0.96
Family Awgn Example R3561L	built-in
Family Level Range Example R35	-125 to 0 dBm
Family Level Resolution Example R35	0.1 dB
Family Harmonics Example R35	less than or equal to -30 dBc at 0 dBm
Family Phase Noise Example R35	less than or equal to -107 dBc/Hz at 50 kHz offset at 1000 MHz

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance evaluation workflows
Pairs with Advantest modulation spectrum analyzer hosts
Discontinued EMI product line support path

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	R3562
Instrument Type	Receiver test source
Product Family	R356x
Related Model R3561	CDMA test source unit
Related Model R3561L	CDMA test source unit 50 MHz to 2 GHz
Related Model R3560	PDC/PHS receiver test set
Host Analyzer Class	Advantest modulation spectrum analyzers
Application Class	mobile and base station receiver tests
Brand	Advantest
Function Class	modulated receiver test stimulus
Cellular Test Class	supported in R356x family context
Discontinued Listing	Advantest EMI discontinued products list
Identifier Alias	R3562
Use Case	receiver characteristic tests
Family Frequency Example R3561L	50 MHz to 2 GHz
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Family Harmonics Example R3561	less than or equal to -30 dBc at 0 dBm
Family Phase Noise Example R3561	less than or equal to -107 dBc/Hz at 50 kHz offset at 1000 MHz

Notes
From Advantest discontinued products list identifying R3562 as Receiver test source, with Related Family rows

citing published R3561/R3561L datasheet values for shared family context and clearly labeled as such. Expand R3562-only level and frequency limits from the R3562 operating manual without inventing them.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.