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Data Sheet
August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight S9130A 5G Performance Test Solution

Agilent Keysight S9130A Performance 5G Multi-Band Vector Transceiver The Keysight S9130A isaperformance 5G multi-band vector transceiver for design verification and manufacturing of 5G NR network equipment. OEM getting-started guide 9018-70110 lists RF 380 MHz to 8 GHz (12 GHz with FE1), M1741A mmWave remote head, and 1200/1300 W maximum AC draw. High-performance 5G NR base-station, RRH, DU, AESA, amplifier, and chipset DVT/manufacturing in FR1 and FR2. M1741A performance mmWave remote radio head The Keysight S9130A isaperformance 5G multi-band vector transceiver for design verification and manufacturing of 5G NR network equipment. OEM getting-started guide 9018-70110 lists RF 380 MHz to 8 GHz (12 GHz with FE1), M1741A mmWave remote head, and 1200/1300 W maximum AC draw. High-performance 5G NR base-station, RRH, DU, AESA, amplifier, and chipset DVT/manufacturing in FR1 and FR2. M1741A performance mmWave remote radio head 9.6 GHz fixed and variable LO feeds to the mmWave head

MODEL **Agilent / Keysight S9130A**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **S9130A**	LISTING **https://aumictechlabs.com/products/s9130a-2/**

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

Handling: * Requires two persons to lift and carry. * Use both side handles when lifting. * Use a rolling cart when transporting.

S9130A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Performance 5G multi-band vector transceiver
Series Family	Keysight S91xxA 5G vector transceivers
RF Frequency Standard	380 MHz to 8 GHz
RF Frequency With FE	380 MHz to 12 GHz
FR2 Remote Head	M1741A performance mmWave transceiver
AC Input Lower Range	100/120 V 50/60 Hz 1200 W maximum (485 W typical)
AC Input Upper Range	220/240 V 50/60 Hz 1300 W maximum (465 W typical)
PXIe Subsystem Height	197.8 mm
PXIe Subsystem Width	449.5 mm
PXIe Subsystem Length	568.9 mm
M1741A Height	70 mm
M1741A Width	175 mm
M1741A Length	345 mm
M1741A Clearance	minimum 7 cm (2.5 in) around the transceiver
Fixed LO Output	9.6 GHz Out from PXIe subsystem to M1741A
Variable LO	LO 1 Out from PXIe subsystem
IF Ports	IF Out and IF In unidirectional; both can be active at once
MmWave DUT Ports	two half-duplex Tx/Rx ports; one Tx and one Rx atatime
RF Ports	RF Out, RF In, optional half-duplex
Trigger Ports	Trig 1 and Trig 2 programmable as input or output
Reference In	10 MHz Ref In
Reference Out	10 MHz Ref Out
Rack Kit	1CP110A rack mount flange and handle kit
Controller	M9037A PXIe embedded controller
Installation Category	cabinet airflow recommended; reduce cabinet max temperature by 10 C

PARAMETER	VALUE
Generator Analyzer Bandwidth Class	1.2 GHz class (Keysight S9130A product literature)
Amplitude Accuracy Class	plus or minus 0.85 dB class (Keysight S9130A product literature)
EVM Class	0.23 to 0.74 percent class (Keysight S9130A product literature)
ACLR Class	minus 67 dBc class (Keysight S9130A product literature)
Bandwidth	Class: 1.2 GHz class (Keysight S9130A product literature)

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 5G Multi-Band Vector Transceiver

Overview
The Keysight S9130A isaperformance 5G multi-band vector transceiver for design verification and manufacturing of 5G NR network equipment. OEM getting-started guide 9018-70110 lists RF 380 MHz to 8 GHz (12 GHz with FE1), M1741A mmWave remote head, and 1200/1300 W maximum AC draw.

Applications
High-performance 5G NR base-station, RRH, DU, AESA, amplifier, and chipset DVT/manufacturing in FR1 and FR2.

Key Features
M1741A performance mmWave remote radio head
Optional half-duplex RF port S9130A-HD1
FE1 frequency extension to 12 GHz
9.6 GHz fixed and variable LO feeds to the mmWave head
Half-duplex DUT-facing mmWave Tx/Rx ports

Technical Specifications

Technical Specifications

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RF Frequency Standard	380 MHz to 8 GHz
RF Frequency With FE1	380 MHz to 12 GHz
FR2 Remote Head	M1741A performance mmWave transceiver

Option TR1: Performance 5G Multi-band Vector Transceiver 8 GHz
Option FE1: RF transceiver frequency extension 12 GHz
Option HD1: half duplex port on RF transceiver

Specifications

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Notes
Numeric rows from Keysight S9130A Performance 5G Multi-band Vector Transceiver Getting Started Guide 9018-70110 plus Keysight S9130A product-literature EVM/ACLR/bandwidth class figures.

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

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