

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 1, 2026

ANRTISU

Anrtisu 68037B Synthesized CW Generator, 2.0 – 20.0 GHz

11 Fine frequency resolution; 15 High power; 16 High-stability ovenized crystal timebase; step attenuator; rack mount 68137B: sweep generator sibling, same 2-20 GHz band Allow warm-up for frequency accuracy, especially with Option 16. Use appropriate microwave cables and adapters. Do not exceed leveled power into sensitive receivers without attenuation. Correct spelling is Anritsu (user "Anrtisu"). CW-only 68037B does not include analog sweep—use 68137B for sweep. Confirm Option 15 before quoting high-power levels. 68137B: sweep generator sibling, same 2-20 GHz band Allow warm-up for frequency accuracy, especially with Option 16. Use appropriate microwave cables and adapters. Do not exceed leveled power into sensitive receivers without attenuation. Correct spelling is Anritsu (user "Anrtisu"). CW-only 68037B does not include analog sweep—use 68137B for sweep. Confirm Option 15 before quoting high-power levels.

No photo

MODEL

Anrtisu 68037B

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

68037B

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Frequency range 2.0 GHz to 20.0 GHz
- Synthesized CW operation with high-resolution phase lock
- Standard frequency resolution 1 kHz; Option 11 for 0.1 Hz class resolution
- Leveled output power to +13 dBm (2-20 GHz) without step attenuator
- Optional high-power output (Option 15) and high-stability oven timebase (Option 16)
- Optional step attenuator
- Front-panel LCD with rotary knob and keypad
- IEEE-488 / GPIB remote control of all functions except power on/standby

68037B Characteristics / Specifications

PARAMETER	VALUE
Model	68037B
Manufacturer	Anritsu / Wiltron
Series	680XXB Synthesized CW Generators
Instrument Type	Synthesized CW microwave signal generator
Frequency Range	2.0 GHz to 20.0 GHz
Frequency Resolution	1 kHz standard; 0.1 Hz with Option 11
With step attenuator	about +11 dBm
With Option 15 (high power)	about +17 dBm class across 2-20 GHz per family high-power tables Spectral Purity (680XXB family) SSB phase noise follows 680XXB datasheet tables (carrier and offset dependent) General
Dimensions	about 5.25 inHx 16.875 inWx 23.5 inDclass
Weight	about 50 lb class
Remote Interface	IEEE-488 (GPIB)
Display	Dot-matrix LCD Common Options 11 Fine frequency resolution; 15 High power; 16 High-stability ovenized crystal timebase; step attenuator; rack mount Family Context 68037B: 2 to 20 GHz CW 68045B: 0.5 to 20 GHz CW 68047B: 10 MHz to 20 GHz CW 68137B: sweep generator sibling, same 2-20 GHz band

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.

Specifications

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Series	680XXB Synthesized CW Generators
Instrument Type	Synthesized CW microwave signal generator
Frequency Range	2.0 GHz to 20.0 GHz
Frequency Resolution	1 kHz standard; 0.1 Hz with Option 11

RF Output Power (standard, without step attenuator – 6XX37 family)
2 to 20 GHz: +13 dBm
With step attenuator: about +11 dBm
With Option 15 (high power): about +17 dBm class across 2-20 GHz per family high-power tables

Spectral Purity (680XXB family)
SSB phase noise follows 680XXB datasheet tables (carrier and offset dependent)

General

Specifications

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Common Options
11 Fine frequency resolution; 15 High power; 16 High-stability ovenized crystal timebase; step attenuator; rack mount

Family Context
68037B: 2 to 20 GHz CW
68045B: 0.5 to 20 GHz CW
68047B: 10 MHz to 20 GHz CW
68137B: sweep generator sibling, same 2-20 GHz band

Standard Operating Conditions
Allow warm-up for frequency accuracy, especially with Option 16. Use appropriate microwave cables and adapters. Do not exceed leveled power into sensitive receivers without attenuation.

Operational Notes
Correct spelling is Anritsu (user "Anrtisu"). CW-only 68037B does not include analog sweep-use 68137B for sweep. Confirm Option 15 before quoting high-power levels.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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

Aumictech

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<https://aumictechlabs.com>

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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.