



## Consultix 5G-4034 CW Transmitter

Portable signal from 37 to 40 GHz



Consultix 5G test transmitter is a portable RF signal generator that brings simplicity and affordability to microwave test scenarios pertinent to 5G applications.

The RF performance of the handheld device makes it ideal for field applications as well as several laboratory use cases. Thanks to its calibrated output and wide range of operation covering frequencies from 37 GHz to 40 GHz

With an unprecedented output power level of up to 28 dBm, the transmitter significantly exceeds the maximum power levels attained by traditional bench-top signal generators.

The tool is engineered for maximum ease of operation. Among the embodied features are the ergonomic form factor, direct user control through 2 buttons, simple LCD screen and low power consumption that allows powering by commercial power banks for maximum field convenience and flexibility.

### Performance

- 2 ppm Frequency accuracy
- 37 GHz to 40 GHz
- Output power higher than bench-top equipment
- Low power consumption

### Convenience

- Entuitive user interface
- Ergonomic form factor
- 3.5 Kg weight
- High grade test accessories



<b>Specifications</b>	
<b>RF Characteristics</b>	
Frequency Range	37 GHz to 40 GHz
Frequency Step	1 MHz
Modulation	CW (Continuous Wave Carrier)
Frequency Settings	Up and Down Buttons
Frequency Accuracy	$\pm 2$ ppm*
Output Power Level	28 dBm
Level Accuracy	$\pm 2$ dB*
Level Settings	Fixed
Level Stability	$\pm 1$ dB*
Phase Noise	-108 dBc/Hz @ 1 MHz Offset from Carrier
RF Output Interface	Female 2.92mm (K) Connector
<b>Power Supply</b>	
AC Adapter	Input: 100-240 VAC, 50-60 Hz / Output: 12 VDC, 2A
DC Input	Power Jack 2.1 mm ID 5.5 mm OD
<b>Physical</b>	
External Dimensions	(H) 110 mm, (W) 260 mm, (D) 280 mm
Weight	3.5 Kg
Operating Temp	0 to 50 °C
<b>Standard Package</b>	Transmitter, Quick Guide and AC/DC adapter

\* Parameters are specified after warm-up time @ temperature 25 - 30 C°

<b>Ordering Information</b>	
Consultix 5G Portable Signal Generator; 37 to 40 GHz	Consultix-5G-TX4034
Precision test cable; 3ft (90 cm), 40 GHz, 2.9mm (male-male), 2.96 dB Loss @ 40 GHz	C5G-Acc-C29
Omnidirectional Antenna 26.5 to 40 GHz, 7.5 dBi Gain, 2.92 mm K(F)	C5G-Acc-OA75
Omnidirectional Antenna 26.5 to 40 GHz, 3 dBi Gain, 2.92 mm K(F)	C5G-Acc-OA3
Waveguide Horn Antenna 26.5 to 40 GHz, 15 dBi Gain, 2.92 mm K(F)	C5G-Acc-HA15

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