



AIRSCOUT SPECTRUM

Fast, accurate RF Spectrum Analysis 0.3 to 40 GHz Frequency Ranges

For cellular LTE and 5G, satellite, and microwave communications.

AirScout® Spectrum is designed for field engineers and technicians needing to measure RF performance. It has a rugged case, shock absorbing bumpers, and a one-hand touch GUI. It also has accuracy to +/- 1 dBm, a -120 dB DANL, and a frequency range up to 40 GHz.

AirScout® Spectrum can be used for noise floor, interference and signal quality measurements on location.



Superior RF Performance

Industry leading -105 dBm receiver sensitivity, a DANL of -120 dB, and a wide 150 dBm dynamic range.



Rugged, Tough Field-Ready Chassis

Our field-ready chassis is small enough for one hand operation, and rugged for demanding jobs.



Recording and Playback

Record your RF environment and replay offline for further analysis.



Speed. Dependability. Innovation.

tempocom.com/AirScout-Spectrum



Designed for field technicians installing and maintaining wireless networks.

High Frequency Analysis up to 40 GHz

Measure mmWave 5G and high frequency satellite bands.

Fast Boot Up and Easy-to-Use GUI

Save time getting to the RF measurements you need.

Full Range of Accessories Including Horn Antennas

Get the right antenna for your frequency range.

TECHNICAL SPECIFICATIONS:



MODEL	3 GHz	8 GHz	40 GHz
Frequency Range (GHz)	0.3 - 3	2 - 8	24 - 40
Displayed Average Noise Level (dBm)	-128@RBW 10 KHz	-119@RBW 30 kHz	-100@RBW=100kHz
Max input power (dBm)	+27	0	0
RBW (kHz)	10, 30, 100, 300	30, 100, 300, 1000	100, 300, 1000
VBW (kHz)	1, 3, 10, 30	1, 3, 10, 30, 100	1, 3, 10, 30, 100
Min. Span (MHz)	0.5	1.5	1.5
Max. Span	Full bandwidth	Full bandwidth	Full bandwidth
Sweep Speed(s)	0.15 s @ 15 MHz Span	0.2 s @ 15 MHz Span	0.2 s @ 15 MHz Span
Accuracy (dB)	+/-1	+/-1	+/-1
Input	50 ohm SMA	50 ohm SMA	50 ohm SMA
Interface	USB-C	USB-C	USB-C
Battery Life (hours)	4	4	4
Operating temperature	-15°C to +55°C	-15°C to +55°C	-15°C to +55°C
Dimensions (in)	5.31 x 3.27 x 1.34in	5.31 x 3.27 x 1.34in	5.31 x 3.27 x 1.34in
Weight (lbs)	1.25	1.25	1.25

ORDERING INFORMATION

BASIC KIT:

Includes Analyzer unit, USB cable, USB AC plug, USB-C to USB-A adapter.

PART NO.	CAT. NO.	DESCRIPTION
55501344	ASPEC03BK	3 GHz Basic Kit
55501345	ASPEC08BK	8 GHz Basic Kit
55501346	ASPEC40BK	40 GHz Basic Kit

DELUXE KIT:

Includes Basic Kit plus carabiner, RF cable, RF adapters, leatherette case.

PART NO.	CAT. NO.	DESCRIPTION
55501347	ASPEC03DK	3 GHz Deluxe Kit
55501348	ASPEC08DK	8 GHz Deluxe Kit
55501349	ASPEC40DK	40 GHz Deluxe Kit

mmWave Antenna KIT: Includes 24-40 GHz analyzer.

PART NO.	CAT. NO.	DESCRIPTION
55501350	ANTMMWAVE	mmWave Antenna Kit