



FAST, ACCURATE RF SPECTRUM ANALYSIS 0.3 TO 40 GHz FREQUENCY RANGES

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

Spectrum Analysis for the Field

Airscout Spectrum was designed for technicians who need fast, accurate RF measurements of their spectrum. It's light, compact chassis and advanced "one-hand" operation make it ideal for technicians installing and testing new radio equipment.

Features:

- **Versatile:** Measure and document noise floor, transmission power, and interference sources.
- **Accurate:** Market leading receiver sensitivity, DANL as small as -128 dBm.
- **Portable:** Small and compact, weighing less than 4 lbs.
- **Fast:** Less than 1 sec bootup time.
- **Easy to use:** "One-hand" operation using touch screen.



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MODEL	ASPEC-03	ASPEC-08	ASPEC-40
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 @ 50 MHz Span	0.2 s @ 50 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

PRELIMINARY - SPECIFICATIONS SUBJECT TO CHANGE

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