

Spectrum Compact for 5G



- Frequency ranges to cover low-band, mid-band, and mmWave base station deployment.
- Essential tool for real world signal propagation studies
- Designed for quick transmitter verification, interference detection, site survey
- Market leading receiver sensitivity
- Instant ON functionality with simple, intuitive controls
- Stand-alone tool, no external controller required
- Included PC software for post-measurement analysis and reporting
- World's smallest mmWave spectrum analyzer designed specifically for comfortable outdoor use in a variety of challenging environments

Spectrum Analyzers KEY CHARACTERISTICS



| | | | |
|-------------------------------|---|---|---|
| Frequency range | 0.300 - 3.000 GHz | 2.000 - 8.000 GHz | 24.000 - 43.000 GHz |
| Displayed Average Noise Level | -128 dBm @ RBW=10 kHz | -119 dBm @ RBW=30 kHz | -100 dBm @ RBW=100kHz |
| Max input power | +27 dBm | +25 dBm | 0 dBm |
| RBW | 10, 30, 100, 300 kHz | 30, 100, 300, 1000 kHz | 100, 300, 1000 kHz |
| VBW | 1, 3, 10, 30 kHz | 1, 3, 10, 30, 100 kHz | 1, 3, 10, 30, 100 kHz |
| Min. Span | 0.5 MHz | 1.5 MHz | 10 MHz |
| Max. Span | full bandwidth | full bandwidth | full bandwidth |
| Sweep speed | 0.15 s @ 15 MHz Span | 0.2 s @ 50 MHz Span | 0.2 s @ 100 MHz Span |
| Accuracy* | +/- 1 dB | +/- 1 dB | +/- 1 dB |
| Input | 50 ohm SMA (f) | 50 ohm SMA (f) | 50 ohm 2.92 mm (f) |
| Interface | USB Type-C | USB Type-C | USB Type-C |
| Battery life | up to 4 h | up to 4 h | up to 3 h |
| Operating temperature | -15°C to +55°C / 5°F to 131°F | -15°C to +55°C / 5°F to 131°F | -15°C to +55°C / 5°F to 131°F |
| Dimensions | 135 x 83 x 34 mm / 5.31 x 3.27 x 1.34 in | 135 x 83 x 34 mm / 5.31 x 3.27 x 1.34 in | 135 x 83 x 34 mm / 5.31 x 3.27 x 1.34 in |
| Weight | 0.57 kg / 20.11 oz | 0.57 kg / 20.11 oz | 0.57 kg / 20.11 oz |

* Guaranteed at 21°C/70°F CW signal



Antenna kit in a ruggedized transport case



Tripod for horn antenna
3 GHz – 43 GHz



Spectrum Compact kit with ruggedized WG to SMA adapters, RF cable, attenuators

For more detailed information about SAF Tehnika products visit www.saftehnika.com or contact your SAF Tehnika representative info@saftehnika.com
Product features may vary between different models and configurations. They are subject to change without prior notice.