

VHF AND UHF SIGNAL HUNTING & DIRECTION FINDING KIT

DETECT, HUNT AND ANALYZE SIGNALS FROM 10 MHz TO 3 GHz



SPECTRUM COMPACT KIT

SPECTRUM ANALYZER AND LPDA KIT

Kit J0GSAP3101 pairs SAF Tehnika's handheld spectrum analyzer J0SSAP31 with a wideband LPDA antenna on a pistol-grip handle. One person can scan, identify, and walk down a signal in the field with other gear or laptop required. Point the antenna, read the RSSI on the analyzer's touchscreen, and move toward the maximum amplitude, and thus the source of the signal.

Videos: <https://tinyurl.com/Spectrum-Compact-HowTos>

SAF Tehnika, JSC is a Latvia, EU manufacturer of RF data transmission and test equipment, sold in 130+ countries. Cyntony became an authorized USA distributor in 2026.



SPECTRUM ANALYZER SPECS

- ✓ 10 MHz – 3,000 MHz, 10 kHz resolution
- ✓ RBW 10/30/100/300 kHz; VBW 1/3/10/30 kHz
- ✓ Dynamic range ≥ 75 dB
- ✓ DANL < -125 dBm typical with LNA on
- ✓ SMA-F input, 50Ω impedance, 0-30 dB attenuator
- ✓ Li-ion 2x3500 mAh, up to 4h runtime
- ✓ USB-C charging, full charge from empty about 2 hours
- ✓ 0.57 kg / 20.1 oz mass
- ✓ 4.3in touchscreen (480x272 pixels), glove-operable
- ✓ IP54 rated, -15°C to 55°C operating range

LPDA & HANDLE KIT

- ✓ LPDA antenna: 650–3,000 MHz
- ✓ Antenna gain 4-6 dBi typical, SMA connector
- ✓ Passive, linear polarization
- ✓ Pistol-grip and mounting bracket
- ✓ P/N J0AA0606LPH1

APPLICATIONS AND USES

- ✓ RF interference hunting and direction-finding
- ✓ Spectrum surveys and signal verification
- ✓ Public safety, utility, and EW RF monitoring

WHAT'S IN THE KIT

- ✓ Spectrum Compact 10-3000 MHz analyzer and mount
- ✓ Wideband LPDA antenna with pistol-grip handle
- ✓ RF jumper cables and adapters
- ✓ AC/DC USB-C charger and USB cable adapters
- ✓ Leather carry bag and lanyard