

SignalShark

seven senses for signals

Like a shark that highly efficient hunter in the ocean, Narda SignalShark derives its success in measurement from the interplay of its highly developed senses.

Sense 1: Sight

SignalShark can detect lowest signals even in the presence of very strong signals. It does this by combining high sensitivity with a wide intermodulation-free dynamic range. DANL (preamp. off/on): -162 dBm/Hz / -169 dBm/Hz

Sense 7: Hearing

The high sensitivity to signals means SignalShark can locate and demodulate even signals that originate from a long way away. Two DDCs enables simultaneous measurement and demodulation.

Sense 2: Smell

The automatic DF (ADF) antenna enables SignalShark to determine the direction of a detected signal in less than a second.
ADF Mobile: 200 MHz - 2.7 GHz
ADF Wideband: 10 MHz - 8 GHz

Sense 6: Reception

The continuous real-time Persistence view of SignalShark displays every change in the signal with pixel accuracy. Even hidden signals can be detected. 100 % POI signals > 3.125 µsec.

Sense 3: Taste

SignalShark analyzes and evaluates a recorded signal based on various classification criteria, helping the user to decide how relevant the signal is.

Sense 4: Pressure

The 40 MHz real-time measurement enables gapless, reliable detection of the slightest changes in the RF spectrum with the aid of the Spectrogram view.

Sense 5: Touch

The lightest "touch" on a previously set trigger mask is enough for SignalShark to record the corresponding signal. A scan rate of up to 40 GHz/s ensures fast detection even for large frequency bands.

