

# Narda Real-Time Handheld at a glance

## 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  $\mu$ sec.

### 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.

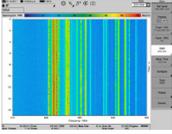
### Sense 5: Touch

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.



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## Feature SignalShark

	<b>Base Unit</b> Spectrum View and marker functionality
	<b>Signal Analysis Options</b> Spectrogram View, Persistence View, Level Meter, ...
	<b>Full automatic Direction Finding</b> Automatic DF Antenna, Automatic DF Antenna Control option, Map View

**NSTS 02/17-E0326B** Technical advances, errors and omissions excluded.

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