

## 28.2 SignalShark: Increased bearing accuracy

**ADFA 2**, the automatic direction finding antenna with its unbeatable frequency range from 10 MHz to 8 GHz now has new reference data up to 200 MHz. What does this mean for users? The bearing accuracy is improved from 3° RMS to 1.5° RMS. It remains at the usual 1° RMS above 200 MHz.

And the best news: If you already own an ADFA 2, the antenna data are automatically included with the latest [firmware update](#) for the **SignalShark**. So, your antenna will show a marked improvement with this free update.

All the details are in the updated [DF antennas data sheet](#).

Antenna aperture	200 MHz to 2.7 GHz 2.7 GHz to 8 GHz	380 mm diameter 128 mm diameter
DF accuracy °	f ≤ 200 MHz f > 200 MHz	<b>1.5° RMS (typ.)</b> 1° RMS (typ.)
DF sensitivity	900 MHz to 3 GHz: see Fig. 13 and Fig. 14	1 to 2 µV/m (typ.)
Linearity IP3	200 MHz to 2.7 GHz 2.7 GHz to 8 GHz	20 dBm (typ.) 17 dBm (typ.)
Antenna factor	see Fig. 15	

### Software updates, data sheets, operating manuals, and videos:

Available now for you to download from our website:

- **ADFA:** New Technical Note: [Mounting instructions for mast mounting DF antennas](#)
- **SRM:**
  - Trade-in action until 15<sup>th</sup> December 2021: Return your old SRM-3000 and be ready for 5G!
  - Download the flyer [here](#)
  - New [firmware](#) available
  - New [PC software](#) SRM-3006 TS available
  - Updated [data sheet](#) for SRM-3006 available
  - New [operating manual](#) with new chapter “5G option” added
- **EHP-50:** Trade-in action until 15<sup>th</sup> December 2021: Higher frequency range from 1 Hz to 400 kHz with high measurement dynamic range! Modernize your measuring device and make it future-proof! Download the flyer [here](#)
- **NBM Shaped Probes:** Updated [data sheet](#) available
- **NIM-511 / NIM-513:** New [data sheet](#) available to download
- **Area Monitors AMB-8059 and AMS-8061:**
  - New [Application Note](#) for AMB-8059: New, innovative energy management enables maximum use of battery capacity for optimum operating time
  - New [firmware](#) for AMS-8061 available
  - NardaAMInstaller configuration assistant: New [firmware](#)

**Videos:**

From now on our videos about our products will be found directly on our website here:  
[Narda STS >> Service/Support >> Videos](#)

**Instrument demos:**

Would you like to see a demonstration of a Narda product? Contact your [Narda sales partner](#) and ask what is available.

**Seminars and webinars:**

- ❖ Our [seminar “Exposure measurements on wireless transmitters using the SRM-3006”](#) is aimed at beginners, more experienced and professional users in the field of selective measurement of electromagnetic fields. Sign up here right away. You can also ask our [Sales Partners](#) about personalized seminar dates. The next seminar is scheduled for 18<sup>th</sup> – 20<sup>th</sup> October, 2021. There are only a few places left!

- ❖ **New: Regular live webinars for you:**

The next date is to be announced: 5G in a nutshell; part 5

(followed by Q+A)

**Contents:** If there were still some unanswered questions from parts 1-4, today we have a lot of new information and, above all, solutions. So, we'd like to get you up to speed with the latest in code selective measurement for 5G wireless systems.

- ❖ Tuesday 9<sup>th</sup> November 2021: Finding Interference in Mobile Cellular Networks with Narda SignalShark (followed by Q+A)

**Contents:** Did you know...

... how EASY and FAST it is to trace interference with the Narda SignalShark?

... how sophisticated vehicle-based radio direction finding can be?

... how SignalShark can transfer its localization result to a navigation app that takes you right to the interference source?

- ❖ Tuesday 7<sup>th</sup> December 2021: Area Monitoring (followed by Q+A)

**Contents:** At least since the dieselgate scandal it has become clear that it is better to verify than to trust. Narda is not only the inventor of permanent, 24/7 monitoring of environmental pollution by electromagnetic fields, but is also the world leader in the technology of what are known as area monitors. This live webinar aims to introduce you to this technology and to answer your current questions.

All these events will be held in English.

Go to the latest webinars [here](#).

Want to keep up with the latest news? Check regularly for further updates at Narda [here](#).