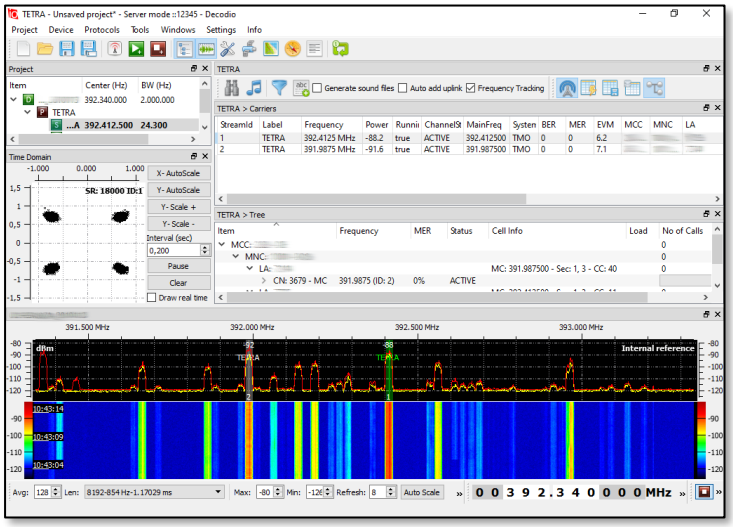
29.1 Analysis of PMR signals

Are measurements on the air interface of TETRA, Tetrapol, DMR, PMR and so on part of your repertoire? Then you know that the usual parameters such as level, frequency, and signal direction aren't always enough. On the contrary, knowledge of the mobile country code (MCC), bit error rate (BER) or further broadcast and transmission information up to and including the transmitted content can be essential in order to operate and maintain the network in its entirety.

This is where normal receivers / spectrum analyzers immediately reach their limits. But not the Narda SignalShark! With its open platform architecture, it supports spectrum monitoring applications such as Decodio RED or Procitec go2signals and digs right down into SIGINT / COMINT. Installed directly on the open Windows 10 platform of the SignalShark, such applications mean that you have everything to hand, all in one device. You can analyze individual channels right there on site **without** needing the otherwise essential notebook.

The German regulatory authority BNetzA has already tested such combinations as an independent body, and you can find their test report on our website.

The SignalShark can, of course, be integrated into a large monitoring system as a rack mounted version or outdoor unit, for example. It delivers the essential standardized IQ data in Vita49 format.



Visit us at IBC Amsterdam from December 3 – 6, 2021 at Stand 8 C74, and why not arrange a date for a live demo right now by emailing us at info.narda-de@L3Harris.com.

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Software updates, data sheets, operating manuals and videos:
Available now for download from our website:

- **AMB-8059:**
  - New software version 1.59 now available
  - Configuration assistant NardaAMInstaller version 17: New firmware
- **AMS-8061:**
  - New software version 1.37 now available
  - Configuration assistant NardaAMInstaller version 17: New firmware
- **EFC-400:**
  - Latest 2022 demo version now on the Narda website
  - New features of 2022 version now available
- **5G:** Flyer "Measuring principle of code-selective measurements at 5G" now available on the website

Videos:
The application videos for our products are all now available 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. The dates for 2022 have been fixed, with the next seminar scheduled for May 2 – 4, 2022. Sign up soon to enjoy the benefit of the early booking discount.
  You can also ask our sales partners about personalized seminar dates.

  New: Regular live webinars for you:

- *Tuesday 7th 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.

- *Next date 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

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speed with the latest in code selective measurement for 5G wireless systems.

- *Next date to be announced:* **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?

All these events will be in English.

You can access all the latest webinars here.

Want to keep up with the latest news? Check regularly for further updates at Narda here.

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