5.1 Narda **SignalShark** – Dynamic range: A dynamic term

There is no shortage of definitions for the term dynamic range in the field of spectrum analysis: spurious free dynamic range (SFDR), intermodulation free dynamic range (IFDR), and many more. If you want to compare the dynamic ranges of two analyzers or two receivers, or even an analyzer with a receiver, it doesn't get any better. Everyone wants to put their product in the best possible light. Which means that you soon end up comparing apples with pears if you're not careful. Don't buy a pig in a poke, get a clear picture first! If you want to make a fair comparison between analyzers and would like to understand all about what dynamic range is at the same time, then we recommend that you read **Technical Note 112** and **Technical Note 113** "Comparing the dynamic ranges of **spectrum analyzers** and **receivers**". Increase your own dynamic range!

If paper isn't your thing and you would rather put the **Narda SignalShark** through its paces, get in touch with your **Narda contact partner**. Prepare to be impressed!