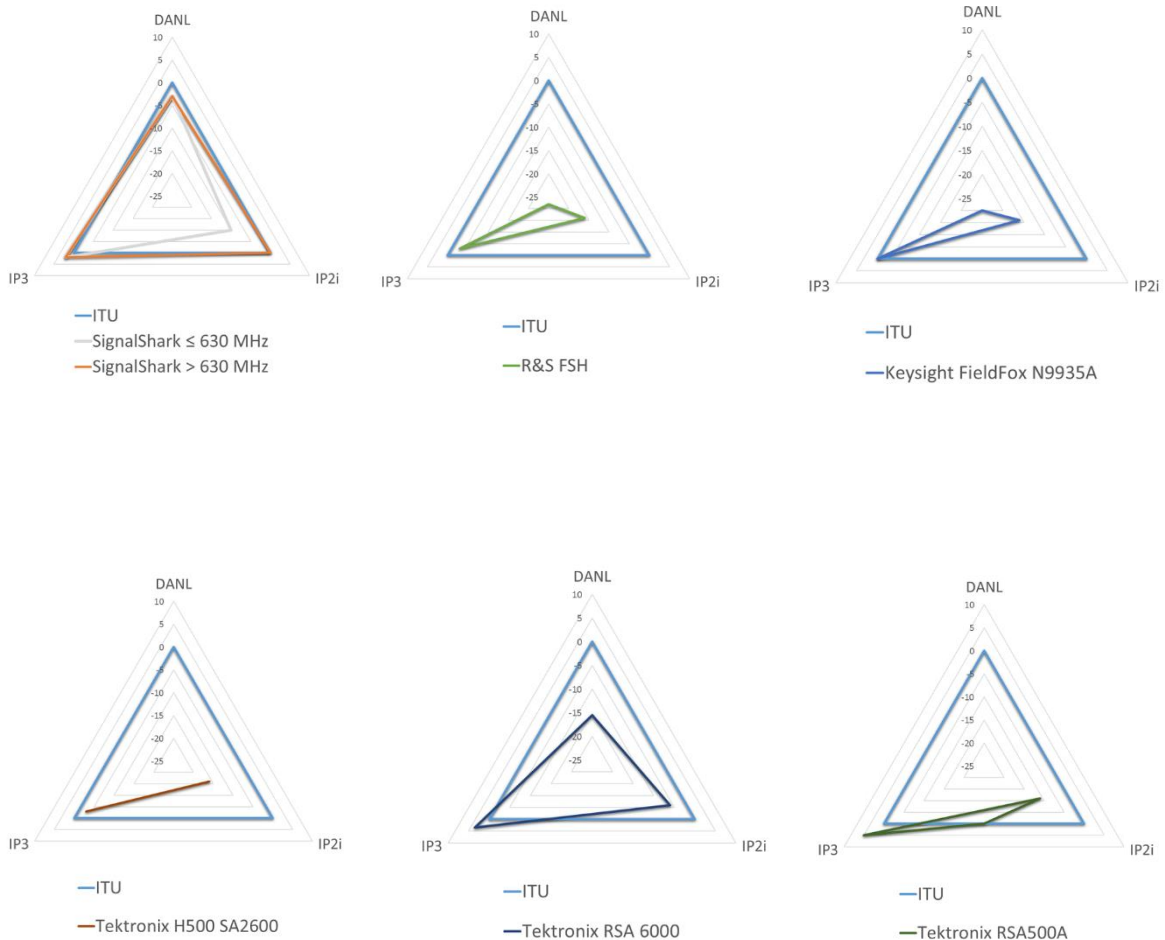


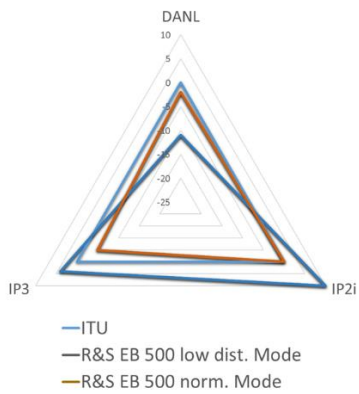
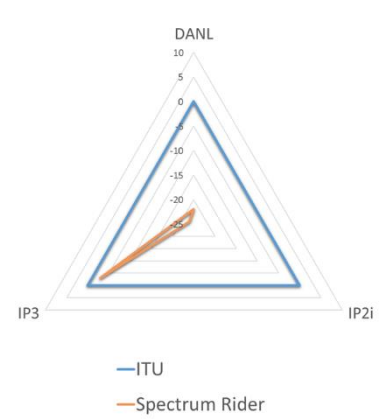
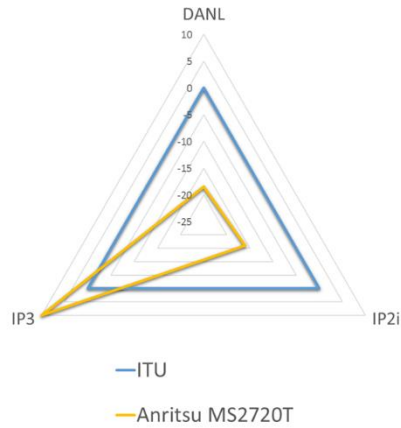
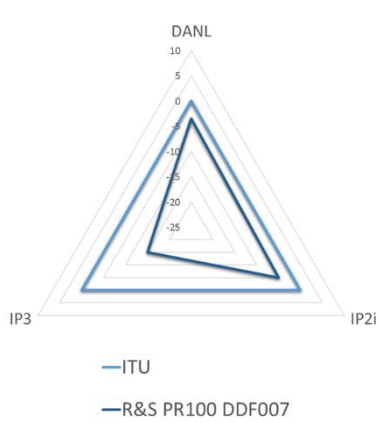
SignalShark



1.1 High Dynamic Range HDR, what is it?

The International Telecommunication Union (ITU) has described its ideal receiver in the Spectrum Monitoring Handbook: minimal noise and high intermodulation immunity, expressed as the three parameters DANL, IP2 and IP3. It sounds simple, but it isn't that easy to achieve. Test equipment manufacturers can tell you all about that. A normal handheld spectrum analyzer cannot by any means match the values specified by ITU. Much more is needed, preferably by including a sub-octave pre-selector filter that protects the mixer from undesirable signals, for example. By comparing the DANL, IP2 and IP3 to the ITU values in a simple diagram, the difference between a good receiver like the SignalShark from Narda and a general-purpose spectrum analyzer quickly becomes apparent:





Well? Does that intrigue you? You can find out how effectively the new SignalShark can support you in future with all your measurement tasks at: [www.narda-sts.com/en/monitoring-receiver/signalshark](http://www.narda-sts.com/en/monitoring-receiver/signalshark)

**Would you like to see this instrument or another Narda product demonstrated?**  
Simply contact your Narda sales partner