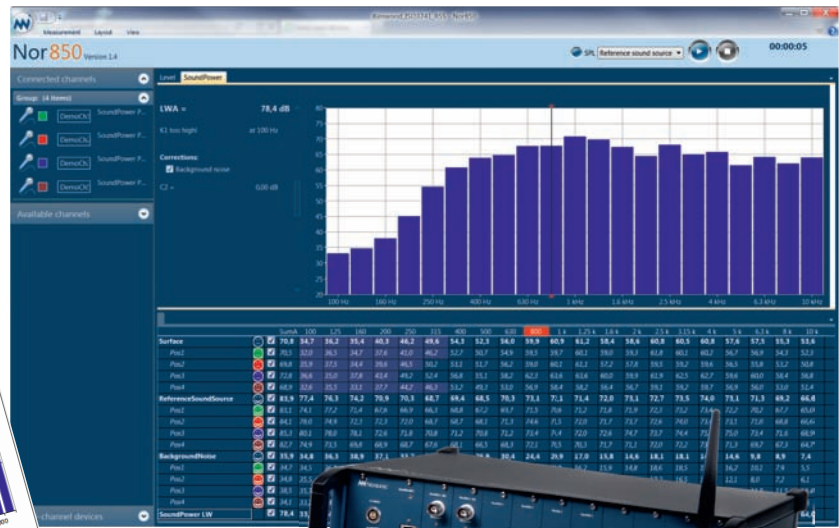
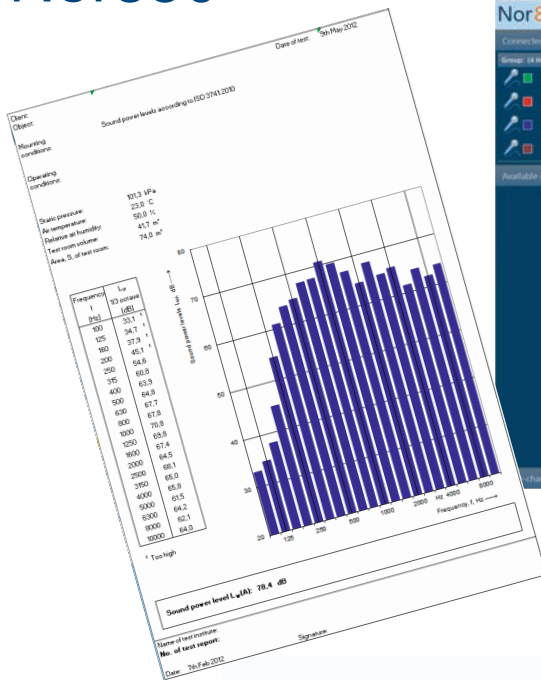
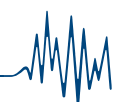


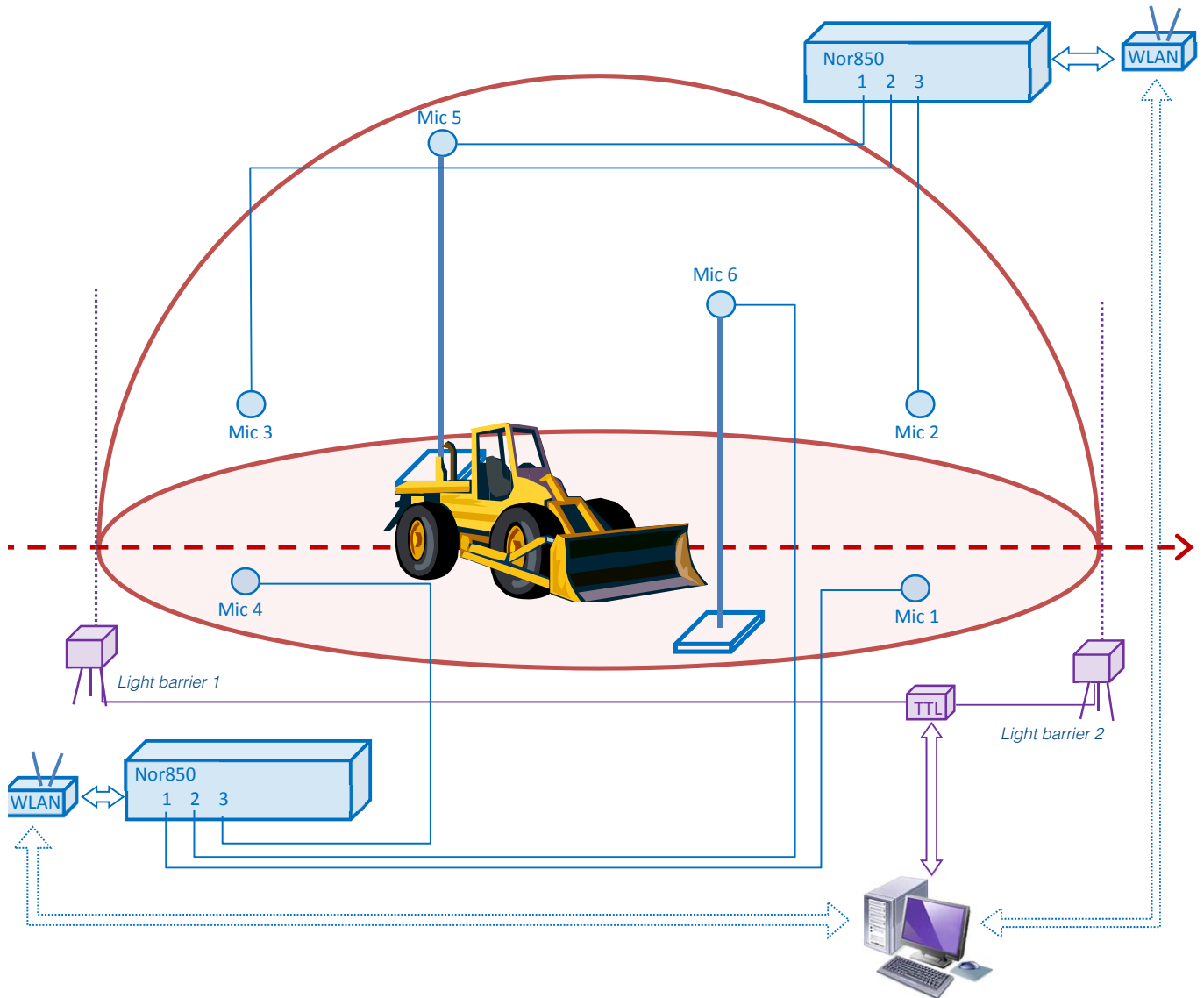
# Sound Power measurement system Nor850



- The multichannel Software Nor850 module for Sound Power testing offers an intuitive and direct solution for complete measurement and reporting according to the following standards: ISO3741, 3743-1, 3744, 3745, 3745 and 3747
- It is possible to connect the measurement channels using wireless communication to avoid running long cables. This is useful when testing large test objects like construction machinery
- The calculation on the raw data is done in the Nor850 itself, and sound level measurement parameters are transferred to the PC. The PC is not part of the measurement chain. This is a clear advantage compared with systems in which the PC itself is also involved with the calculation on the raw data. This concept allows the user to calibrate the Nor850 rack complete with sensors, not dealing with the PC.



# ISO 6395 Sound Power dynamic test on earth moving machinery



The measurement system is based on two units of the standard Nor850MF-1 Rack with 3 measurement channels in each plus the Nor850 general software including the extension to 6-channel operation as well as the Sound Power application mode and the TTL-trigger feature. WLAN routers are required to get a cable free transmission of data to the operators PC.

Start/stop of the measurement is triggered when the middle of machine under test passes through the light barriers in/out. Possibility of external trigger as well as manual.

ISO6395 implements the calculations performed in ISO 3744, but the various kind of construction equipment machinery requires different methods for calculating the surface sound pressure levels that are used in the final LwA value. These methods takes into account the various driving directions and work cycles.



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