

17.2 100 × 100 × 100

Makes a million. But what's it all about?

100 is a number that comes up three times (as the name implies) in the data sheet for the [Nardalert S3](#) Personal Monitor. At the same time, it also signifies three world records:

- 100 kHz is the lowest frequency, which means that the Nardalert covers many industrial applications and broadcasting services.
- 100 GHz is the highest frequency, so the [Nardalert S3](#) is more 5G assured than any other Personal Monitor.
- But what's with the third 100?



That stands for the unmatched ELF immunity of the [Nardalert S3](#). More and more base stations are being mounted on high tension pylons. When working in the vicinity of high tension lines, the Personal Monitor must withstand the 50/60Hz fields that are present and not generate any false alarms. Depending on the applicable national standard, the personal limit for working in such strong low frequency fields can be as much as 30 kV/m at 50/60 Hz. Which is where the [Nardalert S3](#) sets its third world record: A low frequency electric field of up to 100 kV/m does not disturb it at all – and that's been tested by the U.S. DEPARTMENT OF ENERGY.

>> [Nardalert S3: 60Hz Electrical Field Immunity Testing](#)

>> [Nardalert S3: Simultaneous 60Hz and VHF Electrical Field Exposure](#)

Three world records, one product: [Nardalert S3](#). Beat that! ☺