



MICRORAD COMPETITIVE ADVANTAGES

The Microrad NHT 3DL is the only EU Directive 2013/35/EU Meter currently on the market with the following exclusive features:

1. The Microrad NHT 3DL is housed in a Peraluman aluminum-magnesium alloy case which gives high mechanical strength and exceptional protection against interference and corrosion. Competitors' instruments use plastic cases with internal metallic coating.
2. Provides real time calculation of the Weighted Peak from 1 Hz to 1 MHz, whereas the competitors' function stops at 400 kHz.
3. Measurement of the static magnetic field, the electric and magnetic fields from 1 Hz to 1 MHz within a single probe (model 33S). Competitors' products must use at least two probes.
4. Simultaneous visualization on the display of the numerical and graphic value of the static magnetic field, the electric and magnetic field from 1 Hz to 1 MHz. The competition is limited to 400 kHz.
5. Band measurements from 0 Hz to 18 GHz may be made using only two probes (33S + 03E). The competition requires at least 3 probes.
6. On board Temperature and Humidity sensors whose values are integrated into the overall measurements being taken. Competitors' products are not equipped with these on board sensors
7. Touch Screen display and the possibility of remote control via wireless connection (Wi-Fi). The wireless connection allows the operator to display the graphic interface on smart phones, tablets and PC, to read the measured field values and to change the instrument settings. Competitors' products do not have these functions.
8. In conjunction with ER probes, the NHT 3DL meter is able to demodulate and reconstruct pulse RF signals with a width (Tau) of 500 ns and peak signals up to 100 ns. Our competitors' instruments do not have this feature.
9. Monitoring autonomy of over 24 hours.
10. NHT 3DL is non-magnetic, the competitors do not state this as a feature.
11. NHT 3DL has an FFT of 1000 points/decade with bands 1 kHz, 10 kHz, 100 kHz, 1 MHz. The competition is limited to 400 points.
12. NHT 3DL performs analysis in the time and frequency domain. Competitors' instruments perform analysis only in the frequency domain.
13. Virtually infinite storage capacity. Storage is limited only by the memory capacity of the SD card used. The competitors do not have comparable storage capacity.
14. Moving average from 1 minute to 24 hours. Competitors up to 30 min only.