FLY PROBE®

BROADBAND ISOTROPIC METER FOR 3D ELECTROMAGNETIC MAPPING ITU-K. 113 COMPLIANT

- DESIGNED FOR MOBILE APPLICATIONS WITH DRONES, VEHICLES, TELESCOPIC POLES
- EXCEPTIONALLY SMALL AND LIGHT
- HIGH PERFORMANCE
- WIRELESS READING OF THE INSTANTANEOUS FIELD
- ULTRA-FAST CHARGING
- UP TO 8 MEASUREMENTS PER SECOND
- PROGRAMMABLE DATA LOGGER
- INTEGRATED GPS, ALTIMETER AND WI-FI
- APP FOR ANDROID SMARTPHONE
- SOFTWARE FOR DATA REPRESENTATION

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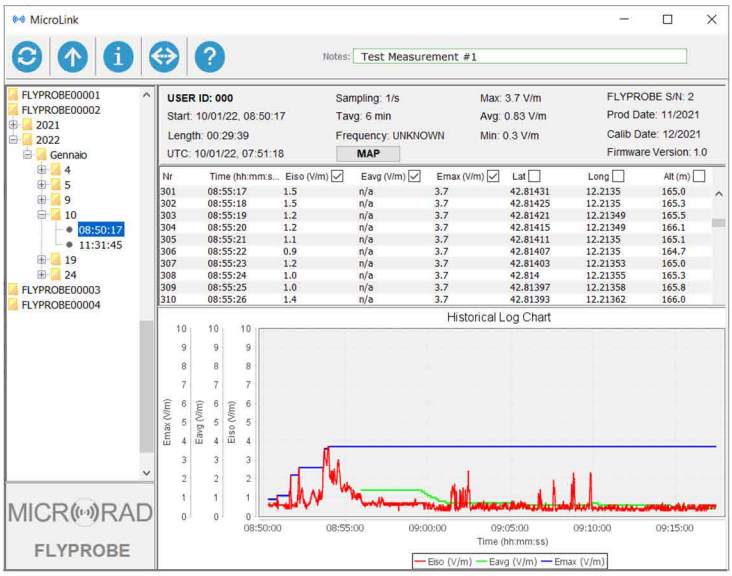
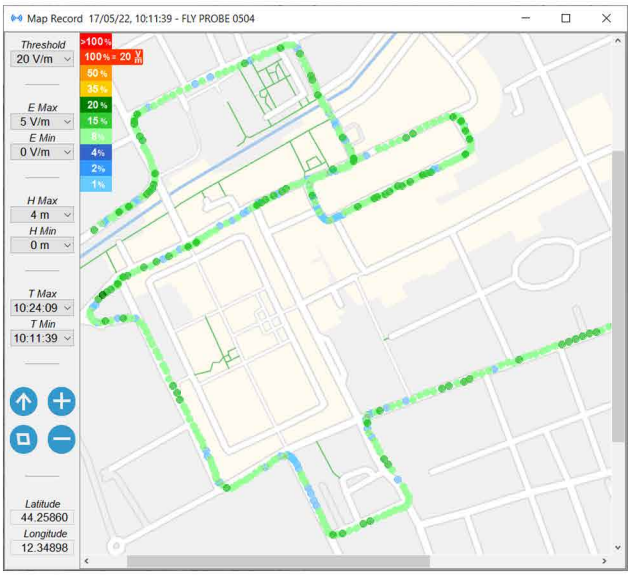


Microlink SW



Street map with chromatic scale of field values

Street map detail with field values

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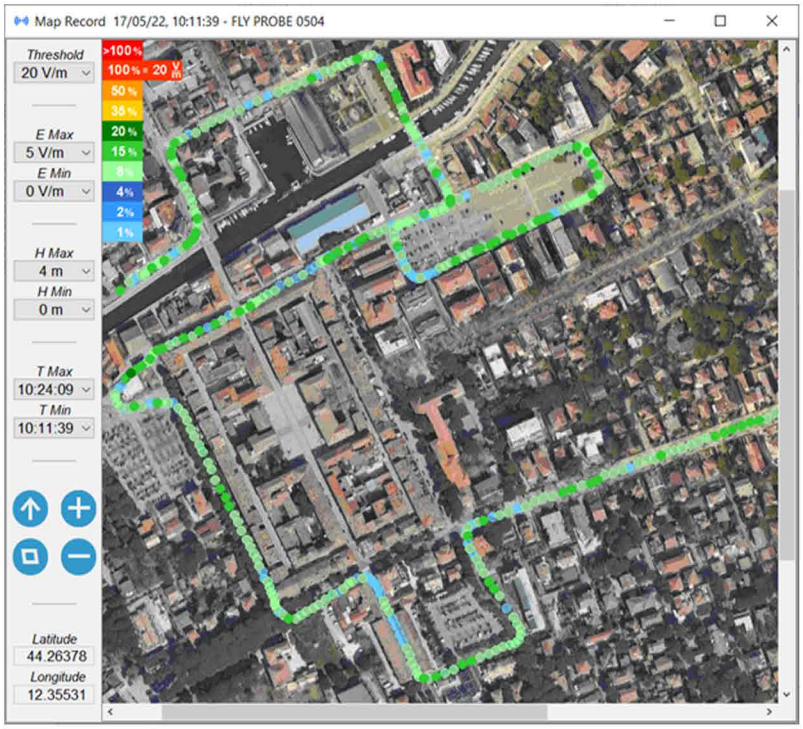
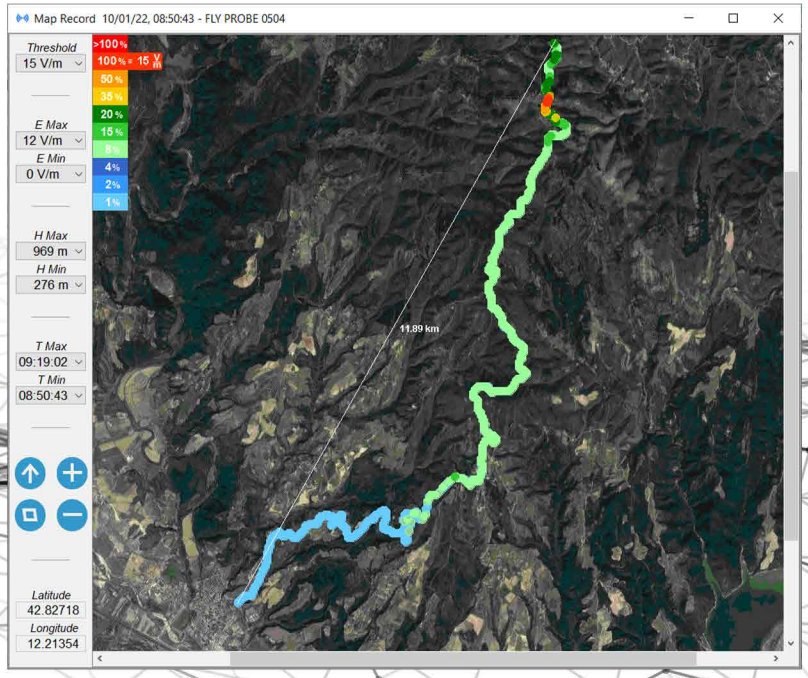


Satellite street map with chromatic scale of field values



Distance measurement on satellite map

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06E FLY PROBE
TECHNICAL CHARACTERISTICS

Sensor type	Triaxial with broadband diode dipoles
Directivity	Isotropic
Type of frequency response	Flat
Frequency range	3 MHz ÷ 6 GHz
Measurement range with Wi-Fi on	1 ÷ 200 V/m (cw)
Measurement range with Wi-Fi off	0.2 ÷ 200 V/m (cw)
Amplitude / frequency response	± 2 dB (3 MHz ÷ 3 GHz) ± 2.5 dB (3 GHz ÷ 6 GHz)
Linearity	± 0.5 dB (2 ÷ 200 V/m)
Isotropy	± 1 dB @ 3.7 GHz
Maximum acquisition speed	8 measurements per second, configurable at 1, 2, 4, 8 measurements per second
Memory capacity	From 6 to 12 hours, variable depending on the acquisition speed and the number of sessions performed
Autonomy with Wi-Fi on	22 minutes with battery fully charged
Autonomy with Wi-Fi off	About 1 hour
GPS	GPS module with TTFF less than 1 second and superior sensitivity and outstanding
Charging time	2 minutes for 80% charge, 5 minutes for full charge
Weight	60g
Operating temperature	-10 °C to + 40 °C, humidity 5% to 90% non-condensing
Size	80 x 80 Ø (mm)
Environmental protection	IP55

Product specifications and descriptions in this document subject to change without notice

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