



## Wi-Fi BEACON TESTER BT mini

**Easy testing of the maritime emergency radio beacons operating via COSPAS-SARSAT system. It is really portable. Wi-Fi supported. Use your mobile phone or tablet to check the beacons and make IMO test reports.**

TESTER is third generation device designed to check the maritime emergency radio beacons operating via COSPAS- SARSAT system such as Emergency Position Indicating Radio Beacon (EPIRBs).

Tester is operating with any mobile phone or desktop PC by means of Wi-Fi connection. It is small and lightweight.

Tests can be carried out in volume of annual test requirements or in volume of shore- based maintenance requirements under IMO resolutions or for fast check after beacon's encoding or installation.

Tester can receive the transmission from any 406MHz COSPAS- SARSAT beacon transmitting either in test mode or in real alert emergency mode.

The signal can be received through the broadcast by means of antenna or the tester can be connected directly by means of cable through a suitable attenuator (option).

Radiated tests in real alert emergency mode should be carried out using screened room (or enclosure) only.

The tester provides complete demodulation and decoding of any C/S message, measures frequencies and power levels.

Since we have intent to create really small, lightweight and comfortable test solution the tester has no LCD or keyboard to control its operation.

Instead we make it easy to connect the tester to almost any mobile phone (Android, IOS), tablet, PC, laptop to perform tests and create test reports in accordance with IMO shore-based or annual test volumes.

The only things required are Wi-Fi support and any browser to interpret the tester messages.

No drivers or any preliminary actions are required. Just take the tester, connect it to your phone by Wi-Fi, run the browser and make tests.

## The tester allows to perform:

- reception, demodulation and decoding of the emergency information transmitted on channel 406MHz;
- frequency measurement of 406MHz signal;
- frequency measurement of 121,5MHz signal;
- level measurement on 406MHz channel;
- level measurement on 121.5MHz channel;
- estimation of the positive/negative phase deviation of modulated signal;
- measurement of total transmission time of 406MHz signal;
- measurement of unmodulated carrier duration of 406MHz signal;
- estimation of the equivalent radiated power of 406MHz signal through broadcast.

## Features

- All 406 MHz COSPAS-SARSAT protocols will be decoded
- Reception of the signal within the range of 406.020...406.040MHz frequencies, 121.5MHz
- Frequency/power level measurement
- Portable, Wi-Fi enabled
- Wi-Fi operated by any mobile or desktop device
- Long life/easy rechargeable accumulator
- Easy recalibration without returning back to factory
- 1 year warranty

