

15.517: UWB Indoor UWB Systems

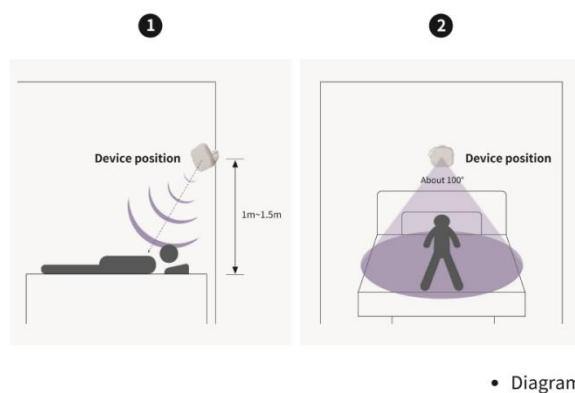
Technical Requirements

-Restricted to indoor operation by nature of design and manual notice (15.517(a)(1))

The installation and use scenario of instruction manual P4 is on the bedside wall, indicating that EUT is for indoor use and meets the requirements of 15.517 (a) (1)

03/Mounting position

Please fix the product on the wall at the head of the bed (1-1.5 m above the bed), and then adjust the angle of the device to face the human chest.



-Shall not be intentionally directed to perform outside functions, such as entry detection (15.517(a)(2))

Sending sleep monitoring data to the receiver through the app cannot perform other external functions and meets the requirements of 15.517 (a) (2)

-The use of fixed outdoor mounted antennas is prohibited (15.517(a)](3))

The sample comes with a built-in UWB antenna and cannot be disassembled or replaced.

The installation and use scenario of instruction manual P4 is on the bedside wall, indicating that EUT is for indoor use and meets the requirements of (15.517(a)](3))

-Metal or underground storage tanks are considered indoors per (15.517(a)(4))

Also applies to devices constrained to usage in underground mines (via KDB inquiry response)

The installation and use scenario of instruction manual P4 is on the bedside wall, indicating that EUT is for indoor use and meets the requirements of 15.517 (a) (4)

-Shall transmit only when sending information to an associated receiver (15.517(a)(5))

EUT only sends information to the receiver when uploading sleep data and meets the requirements of 15.517 (a) (5)

- The UWB bandwidth shall be contained between 3.1 GHz and 10.6 GHz (15.517(b))

The bandwidth occupied by the sample test results are: 6.5~8.1GHz and meets the requirements of 15.517 (b), Please refer to page 22 of the 18220WC30133002 report for the test results

-Radiated emissions above 960 MHz shall conform to the mask specified in 15.517(c)

Please refer to page 19 of the 18220WC30133002 report for the test results, which meet the

requirements of 15.517 (c)

- Peak EIRP limit of 0 dBm/50 MHz applies (15.517(e))

Please refer to page 24 of the 18220WC30133002 report for the test results, which meet the requirements of 15.517 (e)

- Radiated emissions in the 1164-1240 MHz & 1559-1610 MHz bands limits as specified in 15.517(d)

Please refer to page 20 of the 18220WC30133002 report for the test results, which meet the requirements of 15.517 (d)

-- Must bear a statement in a conspicuous location on the device or in the instruction manual: "This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.

Relevant warning words have been added in the manual. Please refer to the following figure

which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.