



September 11, 2015

Equipment Authorization Division  
Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

FCC ID: 2AD7T21120150610

Product Name: Location Transmitter INF-B216, INF-B246-U, INF-B246-C, INF-B26-B

#### **Model difference letter**

All models listed under *Product Name* consist of two printed circuit boards, plastic enclosure, ultrasonic transducer(s), ultrasonic transducer housings and waveguides (when present).

The PCBs *INF-B TMB-2 Transmitter Main Board US LF PBA* and *INF-B TPB-2 Transmitter Power Board PBA RF PoE (802.15.4, PoE)* are identical in all products listed in this letter. Since the PCBs are identical, the schematics and part lists are identical. The firmware that controls the low frequency transmission is identical in all models. The antennas used to transmit low frequency transmission are identical in all models, as stated in the product level BOMs and showed in the internal photos.

The ultrasonic emission has no effect on the low frequency 123-127 kHz transmission.

INF-B216 has one ultrasonic transducer (omni-directional). The four remaining ultrasonic transducer housings are empty.

All models INF-B246-X have five ultrasonic transducers. The only difference between models INF-B246-U, -C and -B is the shape of the ultrasound waveguides.

- INF-B246-C has 1 omni-directional waveguide and 4 directional waveguides
- INF-B246-B has 1 omni-directional waveguide and 4 waveguides that are 11x4mm in size (Figure 2)
- INF-B246-U has 5 pluggable accessories that can be selected based on the shape of the location (Figure 3)



Figure 1 INF-B246-C front with one omni-directional and four directional waveguides.

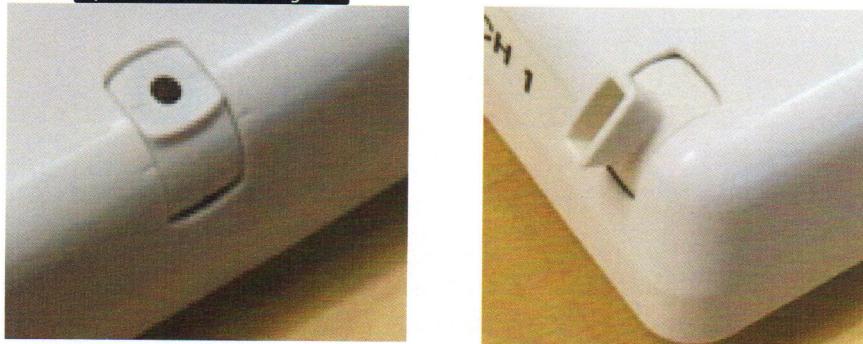


Figure 2 INF-B246-B comes with one omni-directional waveguide (on left) and four waveguides (on right)

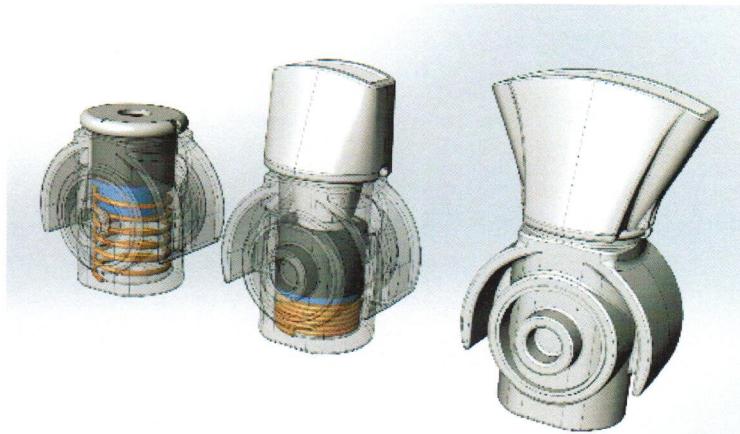


Figure 3 INF-B246-U pluggable waveguide options

Sincerely,

Hanna Luukkonen

Hanna Luukkonen  
Senior QA and Test Engineer

September 11, 2015

Date

On behalf of Sonitor Technologies AS