

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21048

To whom it may concern,

Radio Bridge, Inc intends to sell the RBS101 multifunction sensor as a Sigfox compliant radio sensor for sensing the state of door/window open/close conditions, temperature, ambient light, vibration, etc. to the internet for smart building and other monitoring applications where long battery life and long range are key. The sensors spend over 99% of their life in a deep sleeping state and only wake up on events to communicate changes of state through the Sigfox network to the internet. These sensors will communicate to the Sigfox network using a pre-certified Sigfox radio module part number WSSFM10R2AT from Wisol Co. Ltd under FCC ID: 2ABA2SFM10R2.

Radio Bridge is performing a Class 2 permissive change under part 15.247 on the antenna type vs. what was used in the original module certification. The RBS101 sensor uses an internally integrated ceramic antenna from Taoglas which has lower gain than the original certified antenna.

Thank you.

Michael Fette, CTO



10-16-2018

Radio Bridge, Inc.
6272 Boone Ave, N.
Brooklyn Park, MN 55428