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ATTN: Tim Johnson
AmericanTCB

The following is our response to your request for further information regarding the Hafele Legic Safe, FCC ID: PW3107.

1) The block diagram shows a frequency to the antenna of 12.56 which does not match the 731, etc. Please comment.

There was a type-o on the block diagram. A revised Block Diagram has been submitted, with the frequency corrected to 13.56 MHz.

2) Please provide a photograph of the PCB Front with the coil removed.

A photograph has been uploaded.

3) The operational description states that the RF energy charges a capacitor which is used by the transponder to communicate back to the EUT. What is the response frequency of the transponder?

The transponder responds at 13.56 Mhz.

4) The test report states that the loop was positioned "in the plane of the loop perpendicular and parallel to the direction of propagation. The loop antenna must also be rotated about horizontal and vertical axis in an attempt to maximize the emission. Was this performed?

The emissions were maximized during measurement. All orientations were tested.

5) The Users Manual is missing the statements specified by 15.21 and 15.105. Please provide a corrected users manual.

A updated User's Manual has been submitted and includes both the 15.21 and 15.105 statements.

6) Please explain if this device is being certified under 15.225 or 15.209 (Note the limits appear to be adjusted to 15.209).

We are applying to have the device certified under 15.209.

Sincerely,

A handwritten signature in black ink, reading 'Valdis V. Liepa'.

Valdis V. Liepa
Research Scientist
University of Michigan RADLAB