SENSIBLE MEDICAL
Seeing through walls

May 25, 2018

To: **Telefication B.V.**
Attn: Dept. FCC TCB
Edisonstraat 12A
6902 PK ZEVENAAR
The Netherlands

Subject: Application for certification of Class II Permissive Change of a ReDS System, FCC ID:2AONF-26U01

Dear Gentlemen,

Please find attached our application for certification of Class II Permissive Change of ReDS System, FCC ID:2AONF-26U01, prepared in accordance with FCC Rules, parts 2 and 15.209.

Reason for change :

The ReDS system RF channel is built around a transmitter module (PCB) that generates the RF energy transmitted in the Tx-Antenna, and a separate Receiver module (PCB) that receives the signal from the Rx antenna for further processing. Please refer to description of change document, “Attachment to Operational_description_30018”.

The current (Original) certified version of ReDS system is designed and manufactured with conductive encapsulation solution placed around both Transmitter and reciver module, introduced to suppress spurious harmonics generated (mainly) from the **Receiver module PCB**.

When measured without the conductive encapsulation (per permissive change request), the Receiver module PCB spurious harmonics are below standard limits, but still measured above the transmitter module fundamental radiation.The spurious harmonics generated in the transmitter module are measured below the the transmitter module fundamental radiation (refer SENRAD_FCC.30597_rev1).

The conductive encapsulation used in the original design was found effective in reducing both spurious radiations well below the fundamental radiation for the transmitter.- please refer to original report SENRAD_FCC.30018_rev5.

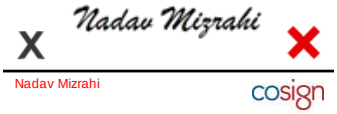
As the source of the spurious radiation (that is measured above the transmitter fundamental radiation) is the receiver module while the spurious harmonics of the transmitter module are below it’s fundamental radiation, and the conductive encapsulation solution is costly to manufacture (handreds of dollars , in material and related labor) Sensible Medical requests permissive change to remove the conductive encapsulation (as detailed in the description of change document, “Attachment to Operational_description_30018” file.

The product testing and this application for certification were performed by Hermon Laboratories, which is recognized and accredited by FCC, Test Firm Registration Number is 927748, Designation Number is IL1001..
Hermon Labs responsible person is Mr. Michael Nikishin, tel: 011 972 4626 8440, fax:011 972 4628 8277, e-mail: nikishin@hermonlabs.com.

We hope this application satisfies your requirements.
Please send an invoice to Hermon Labs.

Sincerely,

May 25 2018 10:09 AM



Nadav Mizrahi
VP R&D
Sensible Medical Innovations Ltd.