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FCC Test Lab: CA3874

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To:

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046
USA

RE: Clarius Mobile Health Corp. FCC ID: 2AWLS-CUSMOD1

This is an application for a Class II Permissive Change of Clarius Mobile Health Corp.,

FCC ID: **2AWLS-CUSMOD1**,

to add a new series of host scanners to the existing list of host scanners. The existing scanners are:

L7 HD, L7VET HD
C3 HD, C3VET HD
C7 HD, C7VET HD
L5 HD,
L20 HD,
EC7 HD,
PA HD.

The new scanners to be added are:

L7 HD3, L7VET HD3
C3 HD3, C3VET HD3
C7 HD3, C7VET HD3
L5 HD3,
L20 HD3,
EC7 HD3,
PA HD3,
3DC3 HD3.

The Clarius HD3 Series hosts (Equipment) are portable Medical and Veterinarian ultrasound devices which stream video data via WiFi to another WiFi connected device. The Equipment is handheld by the operator while in contact with a patient. The Equipment ceases to transmit when the ultrasound transducer element is no longer in contact with the patient. Since the Equipment is both handheld (the operator) and in contact with the body (the patient), two RF exposure conditions exist, Extremity and Body. The separation distance between the radiating element and the patient is no less than 100mm. The Bluetooth transmitter is used for a very brief credential and configuration exchange lasting no longer than 10 seconds after which it no longer transmits. The WiFi and Bluetooth transmitters do not simultaneously transmit. The 2.4GHz WiFi and 5GHz WiFi transmitters do not simultaneously transmit.

The Clarius HD3 Series hosts (Equipment) are all identical in all aspects of RF circuitry, transmit power, antenna configuration and physical size with the exception of the ultrasound transducer element. The Clarius HD3 Series hosts vary from the HD Series hosts as follows:

Form Factor: The HD3 Series is slightly different than the HD Series.

Battery: The HD3 Series battery is integrated into the device, the HD Series battery was removable.

Antenna: The HD3 Series antenna has modified from the HD Series to improve efficiency while maintaining the same gain.

The "VET" series are identical in all aspects with the exception they are only approved for veterinarian use.

SAR was evaluated to, and meets the requirements of, 47 CFR §2.1093 and FCC KDB 447498 D01v06. Should you have any questions or concerns regarding this application, please feel free to contact me.

Sincerely,



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Technical Manager



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