

SonoMe VET

User Manual

**5C, 10L, 14L, 5CB, 10LB
H5C10L, H5C, H10L**

Rev 1.02

2022-06-28

Veterinary Use Only



Revision History

| Revision | Date | Reason for Change |
|----------|------------|--|
| 1.00 | 2021-07-05 | Initial Release |
| 1.01 | 2022-03-03 | Change Contact Number |
| 1.02 | 2022-06-28 | <ul style="list-style-type: none">• [Ch.2.1.1] Wireless Charger excepted• [Ch.4.2.1] Add specification of recommended wireless charger• [Appendix A] modify specifications which is related to FCC• [Ch.5] Deletion of Ch.5 (Biopsy (Only for 14L)) |

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Chapter 1. Introduction

SonoMe VET is the new generation instruments for ultrasonography with the outstanding feature of being wireless. Different from traditional ultrasound systems with a cable connecting the probe to the main unit, no cable appears at the end of the probe of the system.


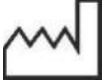














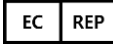

SonoMe VET is highly integrated with ultrasound image processing, power management and a wireless signal provider to be connected by the main units. The main units differ from traditional devices by using a Tablet PC or Mobile Phone which supports iOS System. The probe acts as a Wi-Fi Access Point and can be connected to a Tablet PC or Mobile Phone.

This manual is intended to provide a thorough overview of the SonoMe VET and should be carefully read before starting to operate the device.



[Figure 1-1] SonoMe VET App & Wireless Probes

1.1 Safety Symbols

| Symbols | Description | Symbols | Description |
|--|--|---|--|
|  | WARNING: Warnings to prevent a serious accident, or damage to property |  | Manufacturing date |
|  | Follow the User Manual |  | Serial Number |
|  | Type BF applied part (Classification based on degree of protection against electric hazard) |  | Direct Current(DC) Voltage source |
|  IPX1 | Dripping-proof device: Protected against vertically falling water drops |  | CAUTION: Precautions to prevent a minor accident or damage to property |
|  | Non-ionizing electromagnetic radiation |  | The manufacturer's name and address are provided. |
|  | The waste of electrical and electronic equipment must not be disposed as unsorted municipal waste and must be collected separately |  | Recycling: Dispose of properly in accordance with all state, province, and country regulations |
|  | This side up: For the duration of shipping/delivery, the carton should face upright |  | Use no hooks: Absolutely no hand hooks should be attached to pull the parcel |
|  | Fragile: Handle with care |  | Keep away from rain |
|  | The Authorized European Representative's address is provided |  | Federal Communications Commission logo |

1.2 Intended use

SonoMe VET is designed to obtain ultrasound images, measure and analyze anatomical structures and fluids from animals like cats, dogs and horses

1.3 Guidelines for Safe Usage

SonoMe VET is indicated for examining animals. This product is intended for use by, or by the order of, and under the supervision of, a licensed veterinarian who is qualified for direct use of medical devices.

1.4 Contraindications

- This product must not be used for ophthalmological applications, or any other use that involves the ultrasound beam passing through the eyeball.
- Do not use this product in the following situations. Doing so may produce images with inaccurate results:
 - Animal patients who have had surgery, which may have changed the composition of the examining tissue (for example, a mastectomy), as this could skew or alter the measured density.
 - Animal patients whose bodies contain foreign artifacts (for example, implants), in the examining tissue
 - Endo-cavitary use: Defined as introducing a scanner within a (body) cavity or organ. For example, atrium, esophagus, rectum, or vagina.

1.5 Precautions & Warnings for Use



Precautions:

- Keep this manual near the product and refer to it when using the product. Bionet is not responsible for any product issues caused by the user's careless operation or negligence in maintenance.
- The product must work in a clean environment, should avoid areas where moisture,

- direct sunlight, or a heater is near the product; that are frequently exposed to vibration; that are too dusty or are not properly ventilated; or where chemicals or gases are present. Do not place anything on top of the instrument.
- The product shall be operated in undisturbed conditions to avoid data transmission interruption.
 - When there is wireless channel congestion, switch the channel (Refer to Section 3.6 SETTINGS), and then restart the probe.
 - Prescription Use. This product must only be used by persons who have sufficient knowledge of and/or a qualification in clinical pathology. Unqualified operators are prohibited from using the product.
 - The product shall be repaired only by professionals recognized by Bionet.
 - The product does not have shelf life. Its expected use life is 10 years. After 10 years, though the product still works normally, it is recommended to have it checked by Bionet.
 - Useless components must be disposed of in compliance with local regulations.
 - Be careful when holding the device, for the device is handheld, it may fall.
 - The words "Insufficient Storage Space" will appear on the interface to remind the user to clean up space when storage space of the mobile device will be insufficient.

**Warnings:**

- Never use the product in the presence of flammable or anesthetic gas. Doing so may cause an explosion.
- Do not allow the interior of the product to be exposed to, or immersed in, liquid. Otherwise, fire, electric shock, injury, or damage to the product may occur.
- Changes or Modifications not expressly approved by the party responsible could void the user's authority to operate this device.
- If the product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the product and receiver.
 - Connect the product into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.
- The device has been evaluated to meet general RF exposure requirement.
- You may lose user settings or Animal patient information files because of physical shocks to the product or internal errors. Therefore, you should backup this information on a regular basis.

Chapter 2. Preparing for Use

FOR YOUR PROTECTION, please read safety instructions completely before turning the power on.

| CAUTIONS |
|---|
| <ul style="list-style-type: none"> · Too high ultrasonic intensity and / or long exposure time may cause injury. · Please do not apply the probe of this product to a scope not covered in this manual. |

2.1 Unpacking

The product is carefully packed to prevent damage during shipment. Before unpacking, please note any visible damage to the outside of the shipping containers.

Items should be checked whether all ordered items have been received. The following table lists the items which should be received with each product.

[Table 2-1] Item List

| List | H5C10L | H5C, H10L | 10L,14L, 10LB, 5C, 5CB | Remarks |
|---------------------------------|---------------|------------------|-----------------------------------|----------------|
| Probe | ○ | ○ | ○ | |
| USB Cable (1m) | | ○ | ○ | Micro 5pin |
| Wireless charger + USB cable | ○ | | | USB-C |
| Quick Guide | ○ | ○ | ○ | |
| Pouch | ○ | ○ | ○ | |
| Strap | - | - | ○ | |

Check the items for damage or defects (For example, cracks, broken parts, liquid leaks, sharp edges, etc.). If there is any damage or defects, stop using the probe immediately and contact Bionet's Customer Service Department.

2.1.1 H5C10L



[Figure 2-1] H5C10L

| # | Items | Descriptions |
|---|-------------------------|--|
| 1 | Battery Level Indicator | Indicate Battery Level |
| 2 | Wireless Signal Status | Show Wireless Signal Status |
| 3 | Convex On/Off Indicator | Indicate Convex Array's Activation Status |
| 4 | Power On/Off & Freeze | <ul style="list-style-type: none"> • Power ON/OFF : Press button for about 5 sec. • Freeze : Press button for about 1 sec. |
| 5 | Linear On/Off Indicator | Indicate Linear Array's Activation Status |

- Switch Probe type: Press power button for about 3 seconds
 - If Convex Array is On, #3 indicator is On.
 - If Linear Array is On, #5 indicator is On.

- Only H5C10L is available for wireless charging

2.1.2 H5C & H10L



[Figure 2-2] H5C & H10L

| # | Items | Descriptions |
|---|-------------------------|--|
| 1 | Power On/Off & Freeze | <ul style="list-style-type: none"> • Power ON/OFF : Press button for about 5 sec. • Freeze : Press button for about 1 sec. |
| 2 | Depth Button | Control Depth |
| 3 | Gain – Button | Reduce Gain |
| 4 | Gain + Button | Increase Gain |
| 5 | Wireless Signal Status | Show Wireless Signal Status |
| 6 | Battery Level Indicator | Indicate Battery Level |

2.1.3 10L, 14L, 10LB, 5C & 5CB



[Figure 2-3] 10L, 14L, 10LB, 5C & 5CB

| # | Items | Descriptions |
|---|-------------------------|--|
| 1 | Power On/Off & Freeze | <ul style="list-style-type: none"> • Power ON/OFF : Press button for about 5 sec. • Freeze : Press button for about 1 sec. |
| 2 | Wireless Signal Status | Show Wireless Signal Status |
| 3 | Battery Level Indicator | Indicate Battery Level |

2.1.4 Application for each probe

| Probe | Application | |
|-------------------------|---|---|
| H5C10L | Convex | Abdomen, Gynecology, Obstetrics, Cardiac, Urology, Kidney |
| | Linear | Thyroid, Small Parts, Pediatrics, Vascular, Carotid, Breast, MSK, Nerve |
| H5C, 5C, 5CB | Abdomen, Gynecology, Obstetrics, Cardiac, Urology, Kidney | |
| H10L, 10L, 10LB, 14L | Thyroid, Small Parts, Pediatrics, Vascular, Carotid, Breast, MSK, Nerve | |

2.2 How to Install App

Download the "SonoMe VET" app via Apple App Store depending on user Tablet PC or Mobile Phone OS.

2.3 Using Probe

2.3.1 Visual Inspection

Check the probe for cracks, broken parts, liquid leaks, sharp edges, etc.

| Warning |
|---|
| Using damaged probes may result in electric shocks and other hazards to the Animal patients and/or users. If damaged, stop using them immediately and contact Bionet's Customer Service Department. |

2.3.2 Cleaning Probe

All probes must be cleaned and disinfected after each use. Refer to "Chapter 4.2. Cleaning and disinfection".

| Warning |
|---|
| Probes that have not been cleaned or disinfected may cause bacterial and viral infections |

2.3.3 Booting

Please check the following before scanning

1. The probe should not be abnormally heated during use. If the temperature of the probe is much higher than body temperature, or the surface temperature of the probe exceeds 40 °C (104°F), the probe is stopped

| Warning |
|--|
| Do not use the probe which is heated abnormally on an Animal patient, as it may burn Animal patient's skin |

2. After turning on the power, check whether the functions of ultrasound image, app, button, etc. are working properly.

Warning

If there are any of the above problems, there may be a problem with the product, so please contact Bionet's Customer Service Department.

- The Indicators of Wireless Signal Status and Battery Level in the probe are not visible till the probe is turned on.
- Press the power button for a second and turn on. After turning on, you can check the status of battery level. There are 4-Steps to the battery level. (Refer to chapter 4 for how to charge)
- The wireless signal indicator flashes after a few seconds after turning on the probe. This lets you know that the probe is ready to connect with your tablet PC or mobile phone.
- The probe can be turned off by holding the power button down for about 5 seconds. When the probe is turned off, all indicators (wireless signal status and battery level) are turned off, too.

2.4 Wireless Connection

If the probe is ready for wireless connection as described previously, turn on Wi-Fi (if not turned on) in the settings of your tablet PC or mobile phone, and find the SSID of the probe.

The SSID is something like " SX-OXXXXXXXXXOOO (X = English, O=Number)".

Before connecting, check that the last 6-digits of the 15-digit ID written on the back of the probe match the last 6-digits of the SSID.

When connecting the probe for the first time, you need to enter a password, which is an 11-digit ID written on the back of the probe.

After Wi-Fi is connected, launch the SonoMe VET app. When the app confirms the connection with the probe, the wireless signal indicator on the probe stops blinking. When the connection is complete, start to Scan.

Chapter 3. Using SonoMe VET

3.1 Basic Information & B Mode



[Figure 3-1] B Mode

Information:

1. Gain +: Increase the brightness of the applicable Operation mode
2. Gain -: Decrease the brightness of the applicable Operation mode
3. Depth: Adjusts the scanning depth of an image. The range varies depending on the probe in use
4. Focus: Adjusts the focus of an image
5. Dynamic: Adjusts contrast by changing the ratio of the minimum and maximum values of input signals. The higher the value, the smoother the displayed image.
6. Harmonic: Optimize image using various frequency
7. Reject: Reduces noise or echoes from an image to make the image clearer
8. Image mode

- 8 - 1 . 5CB & 10LB: B Mode, B/M Mode
- 8 - 2 . 5C, 10L, 14L, H5C10L, H5C, H10L
 - : B Mode, B/M Mode, Color Mode, PDI Mode, PW Mode
- 9. Animal patient: Displays the Animal patient Information screen, which is used for selecting an Animal patient ID from the list or entering new Animal patient information
- 10. Freeze: Pauses an image being scanned or reactivates a paused image
- 11. Play: Play saved or stopped video
- 12. Measure: Starts to measure distance, circumference, area, and volume.
- 13. Annotation: Enter a text on the image
- 14. Biopsy: Biopsy function is currently not supported.
- 15. Clear: Deletes text and measurement result displayed on an image.
- 16. (Image) Save: Save an image
- 17. (Video) Save: Save a Video
- 18. Setting : Hide patient and scanning information from screen. Selecting Wi-Fi channel. DICOM set-up. Cine Loop saving options.
- 19. TGC: Adjust the Gain based on the depth (When you click that area, you can find a TGC menu)
- 20. Preset (Application): [Select the preset for scanning.](#)

3.2 Basic Mode

3.2.1 B/M Mode

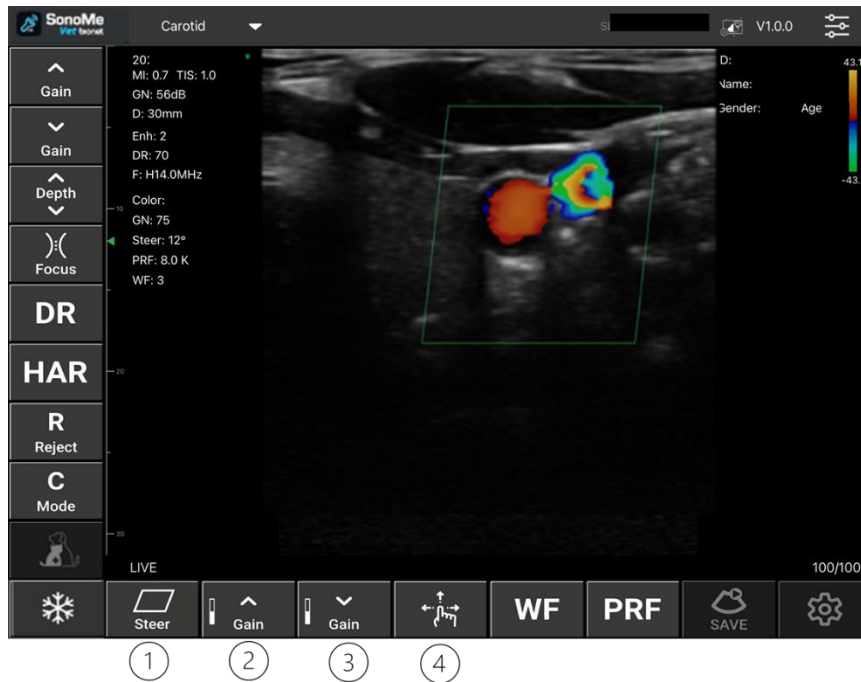


[Figure 3-2] B/M Mode

Information:

1. M Line: The M Line indicates the relative position of the B/M Mode image in the 2D image. You can move the M Line to change the observation area. Use the finger to move the M Line to the right or left.

3.2.2 Color Doppler Imaging Mode



[Figure 3-3] Color Doppler Imaging Mode

Information:

1. Steer: Adjust ultrasound beam angle to minimize loss of color information
2. Gain +: Increase the color brightness
3. Gain -: Decrease the color brightness
4. Move, Zoom: Use the finger to change the location and size of ROI(Region of Interest) box

3.2.3 Power Doppler Imaging Mode

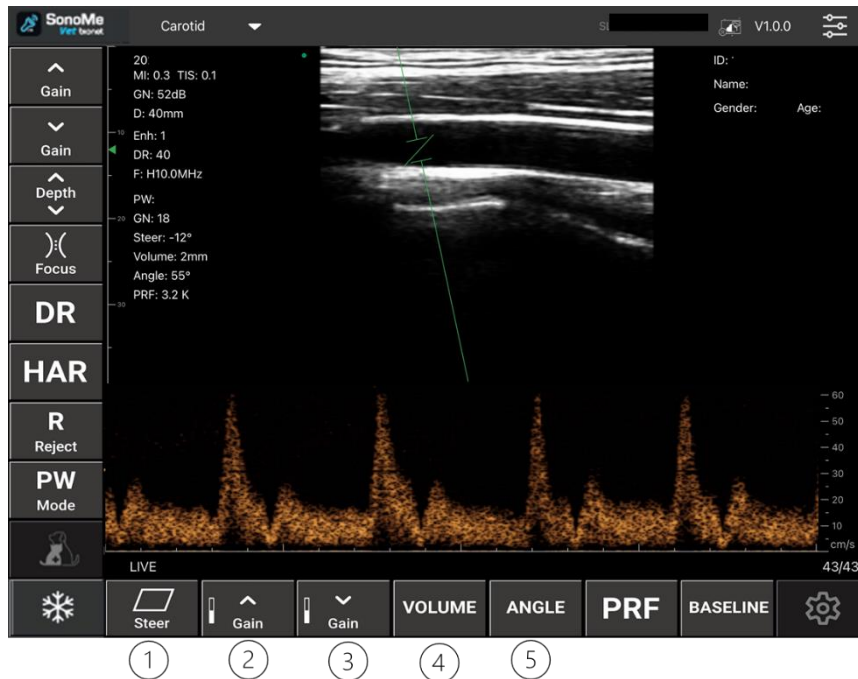


[Figure 3-4] Power Doppler Imaging Mode

Information:

1. Steer : Adjust ultrasound beam angle to minimize loss of color information
2. Gain +: Increase the color brightness
3. Gain -: Decrease the color brightness
4. Move, Zoom: Use the finger to change the location and size of ROI(Region of Interest) box

3.2.4 PW(Pulse Wave) Spectral Doppler Mode




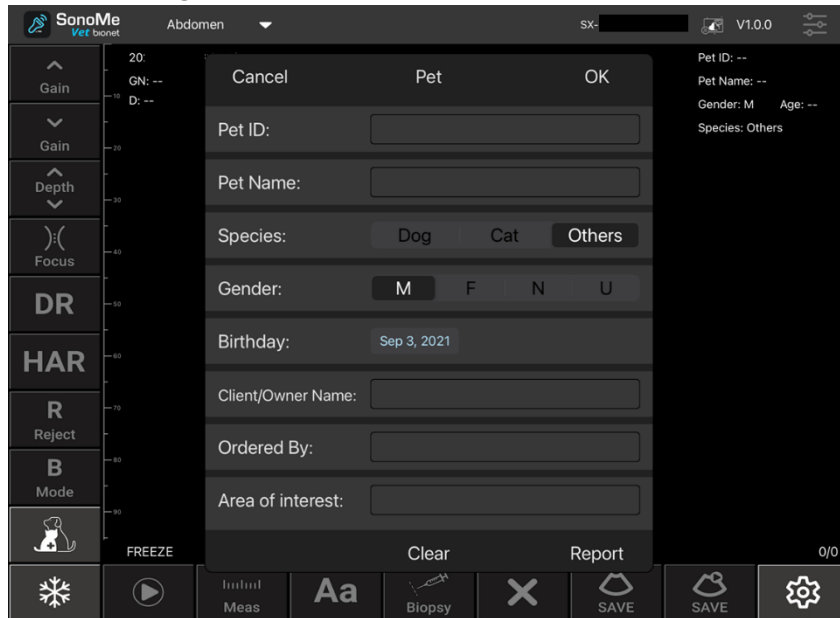
[Figure 3-5] PW Spectral Doppler Mode

Information:

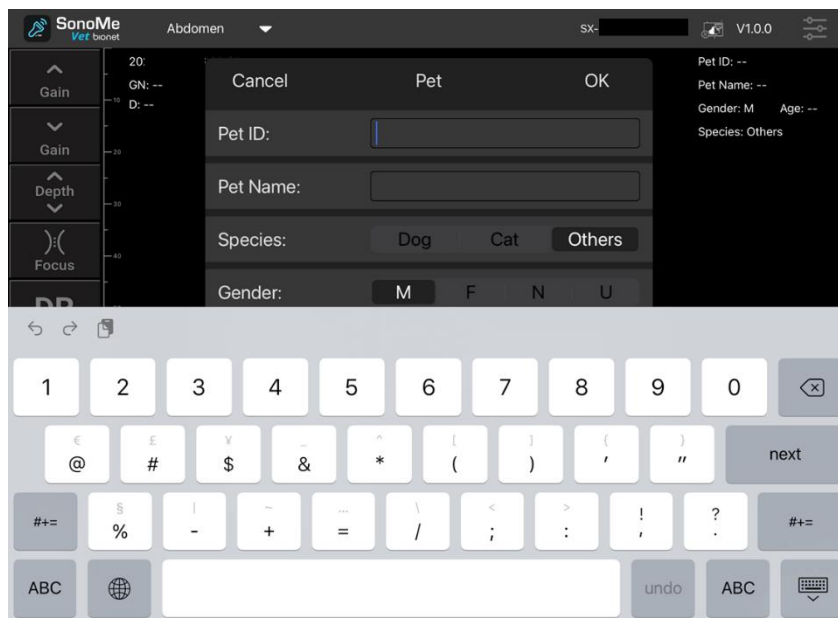
1. Steer: Changes the direction specified in Sample Volume
2. Gain +: Increase the pulse brightness
3. Gain -: Decrease the pulse brightness
4. Volume: Adjust the size of Sample Volume
5. Angle: Adjust the angle of Sample Volume

3.3 Animal patient Information

When you press "ANIMAL PATIENT()" button, you can see the Animal patient Information Menu as Figure 3-6.



[Figure 3-6] Animal patient Information Menu



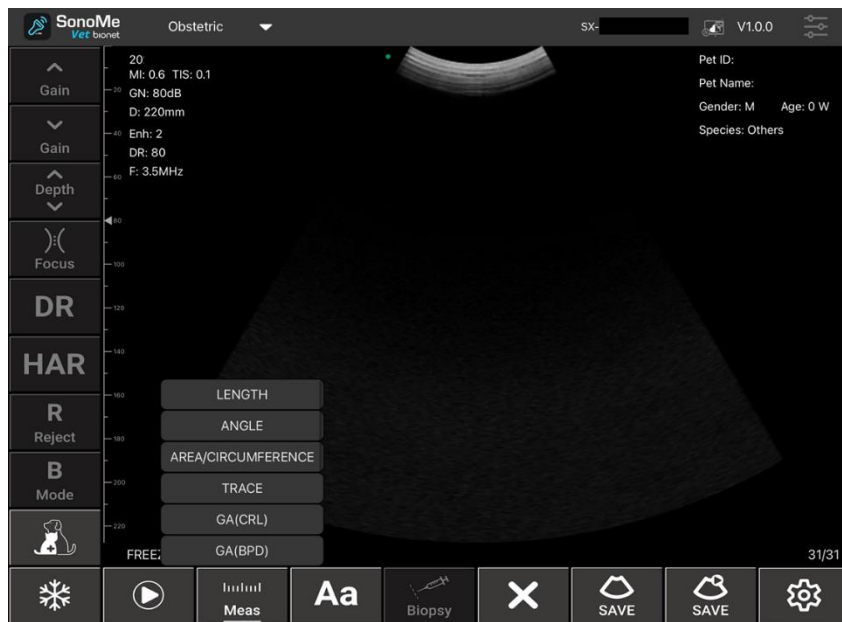
[Figure 3-7] Edit Animal patient Information

When you complete the Animal patient' information, Press "OK" button for save.

3.4 Measurement

3.4.1 Basic Measurement

Press "Measure" button at Freeze in B mode, you can see 10 measurement items (When scrolling, the rest of the measurements are also visible.) as Figure 3-8. The available measurement methods vary depending on the current Operation mode and Application.



[Figure 3-8] Measurement

■ LENGTH

Choose "LENGTH". Use the Finger and Set to specify both end points of the measurement area. Specify both end points and then the distance between them will be measured automatically.

If the color of both end points is green, you can move or change but if white, the measurement is complete and cannot be changed.



[Figure 3-9] Measure the LENGTH

■ AREA/CIRCUMFERENCE

Choose "AREA/CIRCUM". Using the Finger, set to specify 3 points of the measurement area and then you can see elliptical trajectory. When you click one of 3 points, you can adjust the size and location and the area and circumference will be measured automatically.

If the color of 3 points is green, you can move or change but if white, the measurement is complete and cannot be changed.

■ ANGLE

Choose "ANGLE". Draw a straight line at first(Please refer to "LENGTH"). Specify 3rd point and then measure the angle formed by the points automatically. When you click one of 3 points, you can adjust the location and the area and circumference will be measured automatically.

If the color of 3 points is green, you can move or change but if white, the measurement is complete and cannot be changed.

■ TRACE

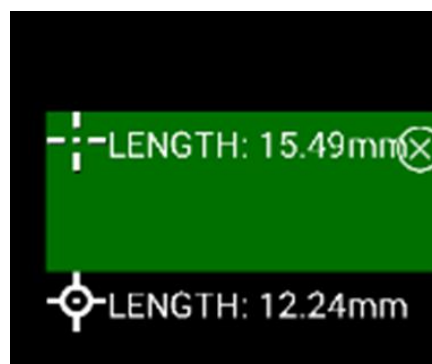
Measure the area of an irregularly shaped object. Choose "TRACE". Set to specify the

starting point for tracing on the contour of the area to be measured. Trace the curve so that the measurement point returns to the start point. And then you can see the area will be measured automatically

| Note |
|--|
| Measurement for GA (CRL), GA (BPD), GA (GS), GA (FL), GA (HC), GA (AC) is ONLY available to "obstetrics" application |

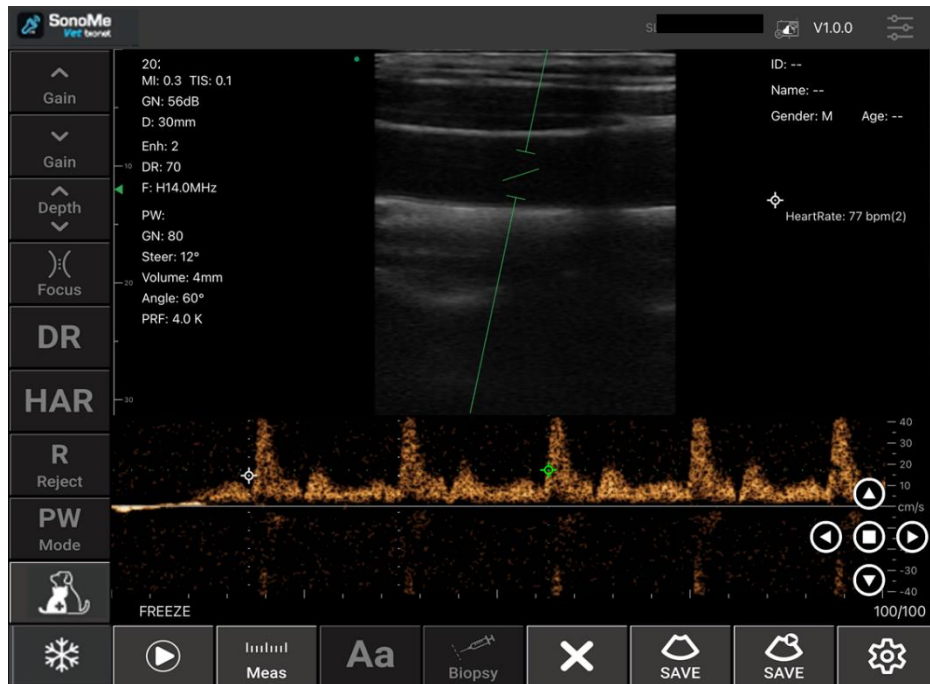
The above measurement functions can be fine-tuned using the on-screen virtual trackball. The virtual trackball(please refer to bottom-right corner in Figure 3-9) can be fine-tuned according to the direction of the measurement point.

Up to 4 measurements can be compared at the same time. Delete all measurements using "Clear(X)" button. When you want to delete one specific measurement, select that measurement and then you can see green column as Figure 3-10. After pressing "⊗" button, you can delete.



[Figure 3-10] Delete specific measurement

3.4.2 Heart Rate Measurement

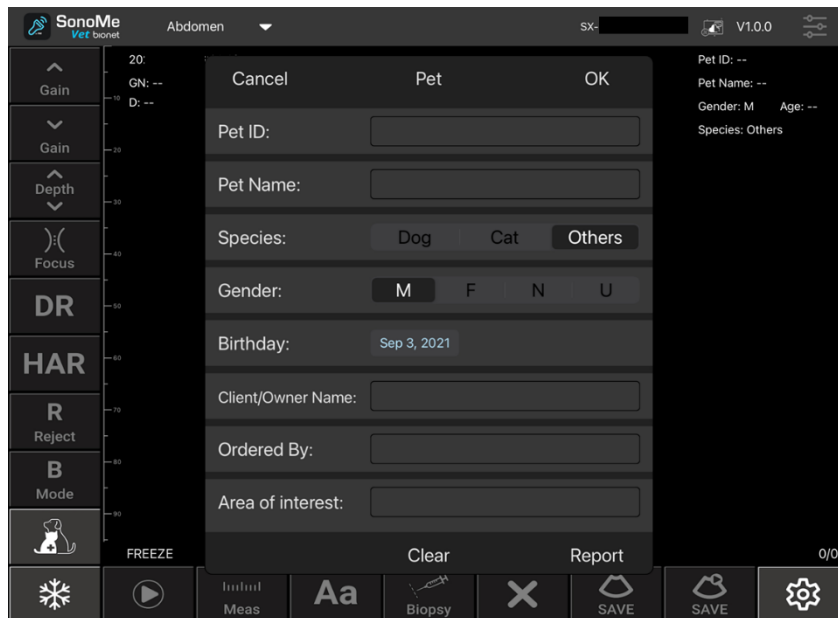


[Figure 3-11] Heart Rate Measurement

At Freeze in **B/M Mode** or PW mode, Select "Heart Rate" from the Measurement menu. A green bar appears, with which you can specify the range. To set the measurement range, use the Finger to place the bar at the desired location (In **B/M mode**, there are 3 bars.; In PW mode, there are 5 bars). The system will automatically measure the heart rate within the measurement range.

3.5 Report

When you press "ANIMAL PATIENT"  button, you can see a "Report" button at bottom-right in Animal patient Information Menu as Figure 3-12.

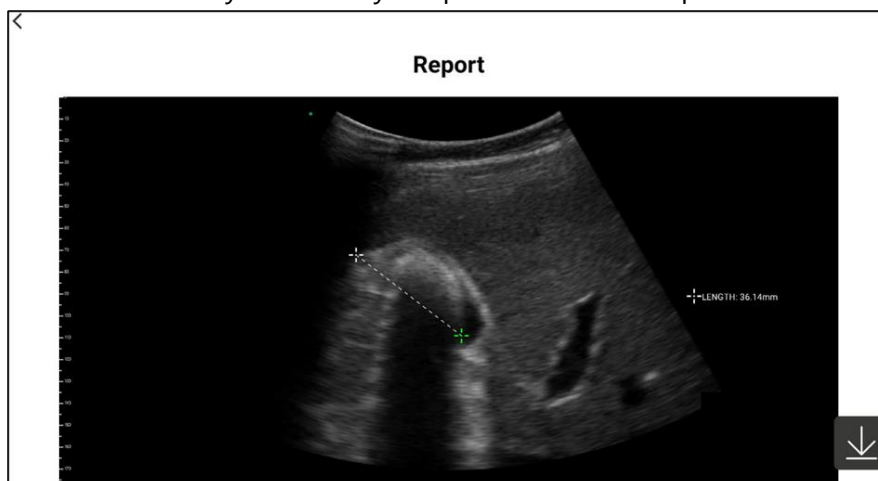


[Figure 3-12] Animal patient Information Menu

If you select "Report" at the bottom-right of the Animal patient information, a report window appears as shown in Figure 3-13 and click the "Obs(Observations)" box to allow the user to input observations or opinions. You can download the report by selecting the download icon

"" at the bottom-right of the page.


The report is automatically saved to your phone or tablet's photo album.



[Figure 3-13] Report

3.6 Storage & Review


3.6.1 Image Storage

As shown in Figure 3-14, if you select "Save Image ()" at the bottom right of the App screen, the image currently displayed on the screen is saved. The saved image is automatically saved to your phone or tablet's photo album.



[Figure 3-14] Complete to save image


3.6.2 Video Storage

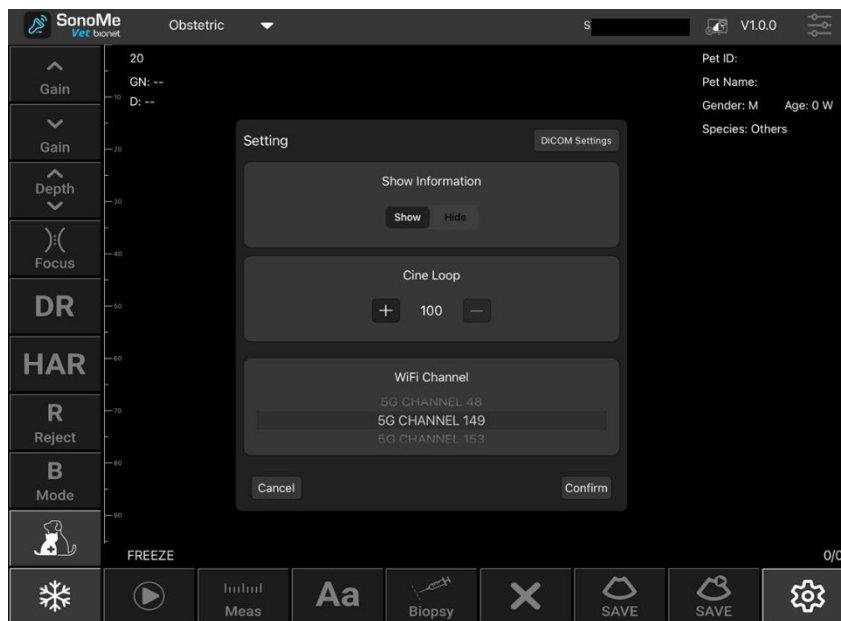
As shown in Figure 3-14, if you select "Save Video ()" at the bottom-right of the App screen, the saved video is automatically saved in the photo album of your phone or tablet PC within 100 seconds.

3.6.3 Review image & Video

Open the photo album on your phone or tablet and view the saved images and videos.

3.7 Change Wi-Fi Channel

In a congested Wi-Fi environment, the user can choose a different Wi-Fi channel for the probe. Press the "Setting ()" button, then select the appropriate channel selection by referring to the signal channel selection list (see Figure 3-15). Restart the probe after 2 seconds and reconnect with the mobile phone or tablet according to chapter 3.1.



[Figure 3-15] Wi-Fi Chanel Setting

Chapter 4. Maintenance

4.1 Charging Probe

4.1.1 USB Charging

When the battery is low, the probe needs to be charged. Remove the rubber cover from the tip of the probe and then plug one end of the USB cable into the USB charging port in the probe as shown in Figure 4-1. The battery level indicator blinks while charging.

The battery is fully charged when both the battery level indicator and the wireless link indicator are not blinking. When charging is complete, remove the USB cable and then put the rubber cover into the USB charging port to avoid liquid and device damage.



[Figure 4-1] Probe Charging via USB Cable

4.1.2 Wireless Charging

- Plug one end of the USB cable into the wireless charging pad. Place the probe on the wireless charging pad. The probe lights up and starts charging after 1~2 seconds.
- Ensure the probe is centered on the wireless charging pad. For efficient charging, place the probe, place the probe within 7mm left and right from the center of the wireless charging pad. If it is significantly out of the range, it may be unstable or may not charge.

- Wireless Charger Information

| | |
|---------------------|--------------|
| Input Power | 5V/2A, 9V/2A |
| Output Power | 5W / 10W |



[Figure 4-2] Wireless Charging with wireless charging pad

Warning

It should not be used if the adapter power supply voltage is outside the adaptive range of the appliance (Normal Adapter's output voltage : $5V \pm 0.5V$).

Check the condition of power cable at first. If the power cable is damaged or broken, replace with a new one immediately.

4.2 Cleaning and Disinfecting Probes

All probes must be cleaned and disinfected before and after each use. Use a soft cloth or appropriate cleaning sheet, lightly dampened with Isopropyl alcohol (or proper cleaner), to remove any foreign substances left on the probe, the edges, corners, and curved parts of the probes. Dry the probe with a clean, soft cloth. Alternatively, dampen a soft cloth in a glutaraldehyde-based hospital disinfectant solution such as Cidex. Wipe the probe with a dampened cloth.

If still wet or left a stain, wipe with a clean water-dampened cloth. Before use, dry the probe completely with clean, soft cloth.

4.3 Storage

When not in use, it is recommended to put the probe in its case. During storage, the probe must be protected from extreme operating temperatures

4.4 Troubleshooting

Inspection : Check whether connection between probe and host(smart phone or tablet) is OK or not

Error handling:

| # | Symptoms | Solutions |
|---|---|---|
| 1 | No response after pressing power button | Check the status of charging and power supply |
| 2 | Wi-Fi is NOT connected between the probe and host (smart phone or tablet) | Check whether Wi-Fi signal channel is ready or not. Check whether Wi-Fi password is correct or not. |
| 3 | Displayed on the screen with noise and interference like snow | Check whether other equipment started which cause electromagnetic interference. If so, shut down the device or get far from the device. |
| 4 | The brightness of image is not enough | Adjust the brightness and gain |
| 5 | Charging does NOT work | Check whether the USB interface, circuit and electrical outlet are damaged or not. |

4.5 Disposal

| Warning |
|---|
| Do not dispose of the product carelessly. |

- Battery recycling must meet local requirements.
- Waste must be disposed of in compliance with local regulations.

4.6 Maintenance & Protection

1. This product usage and storage conditions shall comply with the environmental conditions of Appendix A in this manual.
2. The product power supply shall be in accordance with Appendix A in this manual.
3. If the product is not used for a long time, charge it at least 2 times a week for at least 1 hour.
4. Do not tamper with the probe cover to clean or disassemble the components inside the probe.
5. Clean the cover with alcohol-cotton after turning off.
6. This product should not be started up and shut down too often. If you need to restart, wait at least 1 minute for booting after shutdown.
7. If any problem is happened, stop using the device and contact Bionet's Customer Service department.
8. Since the probe is vulnerable to external impact, collision or falling is prohibited.
9. If you want to pause during scanning, use the "Freeze" function. In freeze status, the device can be kept on standby for a long time.
10. Only use the appropriate ultrasound gels for medical standard.
11. The probe is waterproof but, do not immerse the probe in conductive liquid to minimize corruption.
12. Check for cracks regularly to avoid liquid immersion and damage of internal components.
13. Refer to chapter 4.2 about how to clean and disinfect.
14. To maintain the performance and safety of the system, regular electrical and

mechanical safety inspections of the system must be performed by professional technicians in less than six months.

15. Excessive shocks, such as a fall, may seriously damage the product. In this case, contact Bionet's Customer Service Department for maintenance and repair.

Chapter 5. Safety

To prevent damage of the equipment or injury to yourself or others, read the following safety instruction before using SonoMe VET.

5.1 Important Safety Considerations

Read the following safety instruction before using SonoMe VET.



Warnings:

- Do not use for any purpose other than the intended use. Otherwise, the system may be damaged or serious injury may result.
- This device is for diagnostic use only and is not intended for therapeutic use.

Always keep this manual with the system. Periodically review operating procedures and safety precautions.

5.1.1 Electrical Safety

- The biocompatibility has been verified so that it does not harm users or Animal patients under normal circumstances
- Never attempt to modify the product in any way.
- The battery is a consumable and will lose performance over time. If the battery life becomes less than 2 hours, it is time for a replacement. When you want to purchase or replace a battery, please contact Customer Service Department.
- Warning: Class I The product must be connected to a power supply with a protective ground to prevent electric shock.
- Do not pour liquids on the system surface. Liquids seeping into electrical circuits can cause excessive leakage currents or system failure. If water is unavoidably poured into the system, immediately stop using the system and contact a Customer Service Department.
- Use only probes provided by the manufacturer. Otherwise, the system will not work and the worst accidents such as fire may occur.

- Check the probe for cracks, broken parts, liquid leaks, sharp edges, etc. If there is any damage, stop using the probe immediately and contact Customer Service Department.

**Warnings:**

- This product is intended for use by, or by the order of, and under the supervision of, a licensed veterinarian who is qualified for direct use of medical devices.
- This system may only be maintained by persons approved or trained by Bionet.
- Always use application-specific probes to obtain the best quality images.
- Never use the product in the presence of flammable or anesthetic gas. Doing so may cause an explosion.
- Do not use the system simultaneously with other equipment such as electric knives, defibrillators, and other high-frequency therapy equipment. Otherwise, there is a risk of electric shock
- Keep the system dry and do not transport to sites with rapid environment changes to avoid short circuits caused by condensation or water droplets.
- The product must be connected to a power supply with a protective ground to prevent electric shock.
- After reading the manual thoroughly, set and control the acoustic power level.

5.1.2 Mechanical Safety

**Warnings:**

- Be careful when holding the device, for it is handheld, it may fall.
- Do not use shell cracking equipment.

5.1.3 Probe Safety Precautions

- Please only use the ultrasound gels sold legally. Always follow the instructions in the User Manual. To prevent contamination, use and take care of ultrasound gel properly.

**Warnings:**

- Disconnect the probe from the system after freezing the image or turning the system down. Otherwise, the system or probe may be damaged.

**Warnings:**

- Check the probe for cracks, broken parts, liquid leaks, sharp edges, etc. If there is any damage, stop using the probe immediately. Using damaged probes may result in electric shocks and other hazards to the Animal patients and/or users.
- After disinfecting the accessory, it is necessary to flush the chemicals out of the accessory. Residual chemicals or gases left behind can not only damage the accessory but can also be harmful to animal health.

5.1.4 Cyber Security

- Backup the database regularly to avoid loss or damage of the database.
- The probe can connect to Tablet PC or Smart Phone via local wireless network. The software itself cannot connect to external network. The network which is connected to the software is a local wireless network connected by the probe.
- If there are any software bugs during use, users can give feedback through Bionet e-mail account(sales@ebionet.com) and Bionet will analyze and fix the bug, and if an update is required, the user will be notified of it by posting on the website or e-mail.

5.2 Acoustic Power Principle



Warnings:

- Guidance for the use of diagnostic ultrasound is defined by the “**As Low As Reasonably Achievable (ALARA)**” principle. By keeping ultrasound exposure as low as possible while obtaining diagnostic images, users can minimize ultrasonic bioeffects.
- The operator should notice the effect of the heat on the Animal patient body when the exam is performed around the bones and the nearby soft tissues which can transform the ultrasound energy to heat energy. Take special care to the fetal patient whose bones are growing.

5.2.1 Biological Safety

Ultrasound waves may have damaging effects on cells and, therefore, may be harmful to the Animal patient. If there is no medical benefit, minimize the exposure time and maintain the ultrasound wave output level at a low setting. Please refer to the ALARA principle.

5.2.2 Thermal Index (TI) & Mechanical Index (MI)

The system output display comprises two basic indices: a thermal index (TI) and a mechanical index (MI). These shows on the Right-Top side on the app.

- **Meaning of MI & TI**

Mechanical bioeffects are threshold phenomena that occur when a certain level of output is exceeded. The threshold level varies, however, with the type of tissue. The MI accounts for these two factors. The higher the MI value, the greater the likelihood of mechanical bioeffects occurring. However, there is no specific MI value that means that a mechanical effect will occur. The MI should be used as a guide for implementing the ALARA principle.

The TI informs the user of the potential for temperature increase occurring at the body surface, within body tissue, or at the point of focus of the ultrasound beam on bone. The TI is an estimate of the temperature increase in specific body tissues. The actual amount of any temperature rise is influenced by factors such as tissue type, vascularity, and mode of operation. The TI should be used as a guide for implementing the ALARA principle. Depending on the examination and type of tissue

involved, TI could be one of three types.

- The soft tissue thermal index (TIs) : the user about the potential for heating within soft homogeneous tissue.
- The bone thermal index (TIb) : the user about potential heating at or near the focus after the ultrasound beam has passed through soft tissue or fluid, such as the skeletal structure of a 2-3 month-old fetus.
- The cranial bone thermal index (TIc) : the user about the potential heating of bone at or near the surface, for example, the cranial bone.

- **Mechanical and Thermal Indices Display Precision and Accuracy**

TI and MI values are displayed in real time on the screen. The operator should observe these index values during examinations and ensure that exposure time and output values are maintained at minimum amounts needed for effective diagnosis. The Mechanical and Thermal Indices on the system are precise to 0.1 units.

5.2.3 Acoustic Power Statement

5.2.3.1 Acoustic Measurement Precision and Uncertainty

When estimating accuracy of displayed numerical values, many factors are considered:

- The Probe Changeability
- The system changeability
- Changeability and accuracy of measurement
- Possible operating conditions and testing numbers needed to obtain displayed result accuracy of the diagnostic system
- Whether the display accuracy depends on specific system combination, mode combination, probe component and launch mode combination, or all of above
- Algorithm accuracy of the system software used to calculate the MI/TI
- Approximation engineering method used in real time computation

5.2.3.2 Differences between Actual and Displayed MI and TI

For many assumptions used in the process of measurement and calculation, they actually are conservative. For most organizations path, high estimate is made in the measurement and calculation process of tissue exposure intensity. For example, using attenuation coefficient $0.3 \text{ dBcm}^{-1} \text{ MHz}^{-1}$ much lower than the actual animal tissue

attenuation coefficient, choosing conservative values of tissue characteristic.

Therefore, displayed MI and TI values should be relative information for reference, they serve to indicate to the operator whether a particular setting of the system increases or decreases the possibility of Thermal or Mechanical effect, used to help the operator be careful to use ultrasonic diagnostic system and follow the ALARA principle, these values cannot be equal to actual values.

5.2.3.3 Uncertainty of Measurement

Sound pressure is the most basic data of sound field measurement, and other sound field parameters can be deduced from sound pressure, so when analyzing measurement uncertainty, only take sound pressure for analysis and uncertainty of other parameters can be deduced from the sound pressure.

Measurement uncertainty mainly include repeated measurement uncertainty and the system uncertainty, the system uncertainty is an order of magnitude higher than repeated measurement uncertainty, so the main analysis is the system uncertainty. Mainly decided by the following factors:

- 1) The sensitivity of hydrophone: According to hydrophone calibration report provided by ONDA company, the maximum allowable error of sound pressure for hydrophone is $\pm 12\%$
- 2) Scope: according to Agilent DSO6502A specifications, its effect on the sound pressure is $\pm 2\%$
- 3) Temperature: effect of the thermocouple on sound pressure error is $\pm 4\%$

Above all uncertainty components are not related, synthetic standard uncertainty of sound pressure is $\pm 13\%$

5.2.3.4 Operator Control Property

There are several system controls that the operator can use to adjust the image quality and limit the acoustic intensity. These controls are related to the techniques that an operator might use to implement ALARA and can be divided into three categories: direct, indirect, and receiver controls

- **Direct Controls**

The direct control of the acoustic output of this system is adjusting voltage size. But its maximum acoustic output shouldn't be more than displayed acoustic output limit in any modes.

- **Indirect Controls**

The controls that indirectly affect output are many imaging parameters. These are operating modes, frequency, focal point number/position, image depth and pulse repetition frequency (PRF).

The operating mode determines whether the ultrasound beam is scanning or non-scanning. Thermal effect is closely connected to [B/M Mode](#), PW and Color Mode.

Acoustic attenuation of tissue is directly related to transducer frequency.

The focal point number and position is related to active aperture of transducer and beam width.

For the pulse repetition frequency (PRF), the higher the PRF, the more acoustic output power increased over a period of time.

- **Receiver Controls**

The receiver control does not affect the acoustic output, including gain, dynamic range, and image processing, etc. Therefore, in the image optimization, should adjust the receiver control to optimize images firstly, the second are through direct control and indirect control.

When acquiring images, it is recommended to use the default (or as low as possible) acoustic output location and use the gain control to compensate. The default setting is commonly 70% of maximum allowed acoustic output value, which will not cause harm to the operator, and for the probe is the most effective value.

5.2.4 Acoustic Power Setting

The ultrasound system has been preset the parameters for each exam mode with different probes before shipment. When the ultrasound system is powered on, a new

Animal patient is created or the application mode is changed, the system will retrieve the default settings. You can also reset the parameters.

5.2.5 ALARA

It is required to practice ALARA when using ultrasound energy. Practicing ALARA ensures that the total energy level is controlled below a low level at which bioeffects are not generated while diagnostic information is being accumulated. The total energy is controlled by output intensity and total radiation time. The output intensity necessary for examinations differs depending on the Animal patient and clinical case.

Not all examinations can be performed with an extremely low level of acoustic energy. Controlling the acoustic level at an extremely low-level leads to low-quality images or insufficient Doppler signals, adversely affecting the reliability of the diagnosis. However, the sound power which is used greater than the actual needs does not contribute to improving the quality of diagnostic information either, it will increase the risk of biological effects.

The operator must take responsibility for the safety of Animal patients.

5.3 Electromagnetic Compatibilities

Electromagnetic compatibilities are the abilities of the system or equipment to operate normally in the electromagnetic environment and not to radiate any electromagnetic interruptions to any other objects which are in the same environment.


This system is designed in accordance with the current EMC requirement. And the ultrasound image will degrade instantly if the system is used in the electromagnetic field environment. If the degradation of the image is found, it is recommended to inspect the operation environment to confirm the radiation source.

5.3.1 Electromagnetic Emission

This product is intended for use in the electromagnetic environment specified below. Users should make sure that the product is being used in such an environment.

| Guidance and Manufacturer's Declaration – Electromagnetic Emissions | | | |
|---|-------------------------------|---|--|
| <p>The Wireless Probe Series Ultrasound Scanner is intended for use in the electromagnetic environment specified below. The customer or the user of Wireless Probe Series Ultrasound Scanner should assure that it is used in such environment.</p> | | | |
| Type | Emission Test | Compliance | Electromagnetic environment - guidance |
| RF Emission | CISPR 11 EN 55011 | Group1, Class A | <p>The Ultrasound System uses RF energy for its internal functions only. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.</p> <p>The Ultrasound System is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</p> |
| RF Emission | CISPR 11 EN 55011 | Group1, Class A | |
| Harmonic Emission | IEC 61000-3-2 EN 61000-3-2 | Class A | |
| Flicker Emission | IEC 61000-3-3 EN 61000-3-3 | Pst: 1 Plt: 0.65 Tmax:0.5 dmax: 4% dc: 3.3% | |

5.3.2 Electromagnetic Immunity

| Guidance and Manufacturer's Declaration – Electromagnetic Immunity | | | |
|--|-------------------------------|--|--|
| <p>The Wireless Probe Series Ultrasound Scanner is intended for use in the electromagnetic environment specified below. The customer or the user of the Wireless Probe Series Ultrasound Scanner should assure that it is used in such an environment.</p> | | | |
| Type | Immunity Test | Compliance Level | Electromagnetic environment - guidance |
| Electrostatic discharge (ESD) | IEC 61000-4-2 EN 61000-4-2 | ±8 kV/Contact ±2, ±4, ±8, ±15 kV/Air | Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. |
| RF Electromagnetic Immunity | IEC 61000-4-3 EN 61000-4-3 | 3V/m 80 MHz - 2.7GHz 80% AM at 1kHz, 2Hz | The field strength outside the shielded location from the fixed RF transmitter as determined by electromagnetic field survey should be less than 3V/m. |
| Near Field Immunity for RF Wireless Communication Equipment | IEC 61000-4-3 EN 61000-4-3 | Table #9 at IEC 60601-1-2: 2014 | Interference may occur in the vicinity of equipment marked with the following symbol:  |
| Electrostatic transient burst | IEC 61000-4-4 EN 61000-4-4 | ±2 kV, 100 kHz Repeated Frequency | The quality of the mains power must be that of a typical commercial or hospital environment. |
| Surge | IEC 61000-4-5 EN 61000-4-5 | (Wire to Wire) ±0.5 kV, ±1 kV | The quality of the mains power must be that of a typical commercial or hospital environment. |

| | | | |
|--|---------------------------------|--|--|
| Conducted RF | IEC 61000-4-6 EN 61000-4-6 | 3V 0.15 MHz - 80 MHz V in ISM bands between 0.15 MHz and 80 MHz 80% AM at 1 kHz, 2 Hz | The Ultrasound System is designed for use in electromagnetic environments where radiated RF disturbances are controlled. Customers or users of the ultrasonic scanner series can avoid electromagnetic interference by maintaining a minimum distance. It can be used between portable and mobile RF communication equipment (transmitter) and ultrasonic scanner series depending on the maximum power of the communication equipment as recommended below. |
| Power Frequency Magnetic Field Immunity | IEC 61000-4-8 EN 61000-4-8 | 30 A/m 50 Hz and 60 Hz | Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment. |
| Voltage dips | IEC 61000-4-11 EN 61000-4-11 | 0 % UT: 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° | Mains power quality should be that of atypical commercial or hospital environment. If the user of the Wireless Probe Series Ultrasound Scanner requires continued operation during power mains interruptions, it is recommended that the Wireless Probe Series Ultrasound Scanner be powered from an uninterruptible power supply or a battery. |
| Voltage interruptions | IEC 61000-4-11 EN 61000-4-11 | 0 % UT; 250/300 cycle | |
| [Notice] U_T is the a.c. mains voltage prior to application of the test level. | | | |

5.3.3 Recommended Separation Distance

The SonoMe VET is intended for use in an electromagnetic environment in which radiated RF disturbance are controlled. The customer or the user of the Wireless Probe Series Ultrasound Scanner can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the SonoMe VET as recommended below, according to the maximum output power of the communications equipment.



Note If the system has generated the interference (confirmed by powering on and off the system), the qualified service personnel should solve the problem by following the steps as below

- Change the location of the affected system.
- Place SonoMe VET further away from the affected system.
- Supply power to this system in other ways other than the way used currently
- Contact Bionet's Customer Service Department ASAP

Warning

Use of this equipment adjacent to or stacked with other equipment may result in improper operation and should be avoided. If such use is required, this and other equipment should be observed to ensure normal operation.

Warning

The use of accessories, converters and cables not specified or provided by the manufacturer may increase electromagnetic emissions or decrease electromagnetic immunity of this equipment and may cause malfunction.

Caution

The emission characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 Class A). For use in a residential environment (which normally requires CISPR 11 Class B), this equipment may not provide adequate protection for radio frequency communications services. Users may need to take

mitigation measures such as relocating or reorienting equipment.

Warning

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

Appendix A. Specification

A-1. 5C-10L-14L-5CB-10LB <Common>

| Complied Standard | | |
|------------------------|--|------------------------------|
| EN/IEC 60601-1:2012 | Medical electrical equipment Part 1: General requirements for basic safety and essential performance, BF, Non-continuous operation | |
| EN/IEC 60601-2-37:2015 | Medical Electrical Equipment Part 2-37: Particular Requirements for the Basic Safety and Essential Performance of Ultrasonic Medical Diagnostic and Monitoring Equipment | |
| EN/IEC 60601-1-2:2014 | Electromagnetic Compatibility Requirement and tests, Class A | |
| Circumstance | | |
| Operation | Ambient Temperature | 5°C ~ +35°C (41°F ~ 95°F) |
| | Relative Humidity | 25% ~ 80%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3000m |
| Storage / Shipping | Ambient Temperature | -20°C ~ +55°C(-4°F ~ +131°F) |
| | Relative Humidity | 25% ~ 93%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3000m |
| Safety | | |
| Type of protection | Internal-Power Type, 3.8 VDC / 4,200 mAh | |
| against electric shock | Type BF Applied Parts | |
| Degree of protection | Non-continuous operation Operating mode: 1:2 duty cycle (ON: 5 min / OFF: 10 min) | |
| against electric shock | Hand-Held Type | |

| | |
|--|---|
| Degrees of protection against harmful liquid | IPX1 |
| Degree of safety of application | The equipment is not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. |
| Wireless Parameters | |
| WI-FI Type | 2.4G Band |
| Supported Type | IEEE 802.11n(HT20) |
| Modulation | IEEE 802.11n:OFDM |
| Channel Number | 11 Channel for 20MHz bandwidth (2,412~2,462 MHz) |
| Channel Separation | 5 MHz |
| Wireless Power | 10 mW/MHz or below |
| Common Technical Parameters | |
| Description | - Display: Tablet PC or Mobile Phone which supports by iOS 8.0 or above, Windows System. |
| Element | 128 |
| Measurement | Length, Area, Angle, Obstetrics |
| Image Frame Rate | 16f/s |
| Battery Operation Time | 3.5 hours |
| Charging Mode | USB Charging |
| Supported Device Brand | Apple |
| Equipment name | Specific low power wireless device (Wireless device for wireless data communication system) |
| Manufacturer/Country | Bionet/S.Korea |

A-1. 5C-10L-14L-5CB-10LB <Difference among devices>

| 5C | |
|---------------------|---|
| Type | Color Doppler |
| Dimension & Weight | 157mm × 67mm × 29mm, 250g |
| Array Type | Electronic array R60 |
| Probe Type | Convex |
| Display Mode | B, B/M, Color, PDI, PW |
| Frequency | 3.2/5MHz |
| Depth | 90mm~305mm |
| Application | Animal |
| Antenna Description | Internal Antenna, 2.1dBi(Max.), AH104N2450D1 |
| 10L | |
| Type | Color Doppler |
| Dimension & Weight | 157mm × 67mm × 29mm, 200g |
| Array Type | Electronic array L40 |
| Probe Type | Linear |
| Display Mode | B, B/M, Color, PDI, PW |
| Frequency | 7.5/10MHz |
| Depth | 20mm~55mm |
| Application | Animal |
| Antenna Description | Internal Antenna, 1.6 dBi(Max.), AF216M245001-T |
| 14L | |
| Type | Color Doppler |
| Dimension & Weight | 157mm × 67mm × 29mm, 200g |
| Array Type | Electronic array L25 |
| Probe Type | Linear |

| | |
|---------------------|---|
| Display Mode | B, B/M, Color, PDI, PW |
| Frequency | 10/14MHz |
| Depth | 20mm~55mm |
| Application | Peripheral Vessel, Superficial Organ |
| Antenna Description | Internal Antenna, 2.1dBi(Max.), AH104N2450D1 |
| 5CB | |
| Type | BW |
| Dimension & Weight | 157mm × 67mm × 29mm, 250g |
| Array Type | Electronic array R60 |
| Probe Type | Convex |
| Display Mode | B, B/M |
| Frequency | 3.2/5MHz |
| Depth | 90mm~280mm |
| Application | Animal |
| Antenna Description | Internal Antenna, 1.6 dBi(Max.), AF216M245001-T |
| 10LB | |
| Type | BW |
| Dimension & Weight | 157mm × 67mm × 29mm, 200g |
| Array Type | Electronic array L40 |
| Probe Type | Linear |
| Display Mode | B, B/M |
| Frequency | 7.5/10MHz |
| Depth | 20mm~55mm |
| Application | Animal |
| Antenna Description | Internal Antenna, 1.6 dBi(Max.), AF216M245001-T |

A-2. H5C10L

| Complied Standard | | |
|--|--|-------------------------------|
| EN/IEC 60601-1:2012 | Medical electrical equipment Part 1: General requirements for basic safety and essential performance, BF, Non-continuous operation | |
| EN/IEC 60601-2-37:2015 | Medical Electrical Equipment Part 2-37: Particular Requirements for the Basic Safety and Essential Performance of Ultrasonic Medical Diagnostic and Monitoring Equipment | |
| EN/IEC 60601-1-2:2014 | Electromagnetic Compatibility Requirement and tests, Class A | |
| Circumstance | | |
| Operation | Ambient Temperature | 5°C ~ +35°C (41°F ~ 95°F) |
| | Relative Humidity | 25% ~ 80%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3,000m |
| Storage / Shipping | Ambient Temperature | -20°C ~ +55°C (-4°F ~ +131°F) |
| | Relative Humidity | 25% ~ 93%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3,000m |
| Safety | | |
| Type of protection | Internal-Power Type, 3.8 VDC / 2,800 mAh | |
| against electric shock | Type BF Applied Parts | |
| Degree of protection | Non-continuous operation Operating mode: 1:2 duty cycle (ON: 5 min / OFF: 10 min) | |
| against electric shock | Hand-Held Type | |
| Degrees of protection against harmful liquid | IPX1 | |
| Degree of safety of | The equipment is not suitable for use in the presence of | |

| | |
|------------------------------------|--|
| application | a flammable anesthetic mixture with air, oxygen, or nitrous oxide. |
| Wireless Parameters | |
| WI-FI Type | 2.4G Band |
| Supported Type | IEEE 802.11n(HT20) |
| Modulation | IEEE 802.11n:OFDM |
| Channel Number | 11 Channel for 20MHz bandwidth (2,412~2,462 MHz) |
| Channel Separation | 5 MHz |
| Antenna Description | Chip Antenna, 2.1dBi(Max.), AH104N2450D1 |
| Wireless Power | 10 mW/MHz or below |
| Common Technical Parameters | |
| Description | - Display: Tablet PC or Mobile Phone which supports by iOS 8.0 or above, Windows System. |
| Element | 192 |
| Dimension & Weight | 159mm × 69mm × 29mm, 250g |
| Array Type | Electronic array R60 / L40 |
| Probe Type | Convex array probe, Linear array probe |
| Mode | B, B/M, Color, PDI, PW |
| Frequency | 3.2/5MHz Convex, 7.5/10MHz Linear |
| Depth | Convex 90mm~305mm, Linear 20~80mm |
| Measurement | [Common] Length, Area, Angle, Velocity, HR, S/D, Depth [For Obstetrics] GA(CRL), GA(BPD), GA(GS), GA(FL), GA(HC), GA(AC), EFW(BPD), EFW(FL) |
| Application | Animal |
| Image Frame Rate | 18f/s |
| Battery Operation Time | 2.5 hours |
| Charging Mode | Wireless Charging |
| Supported Device Brand | Apple |

| | |
|----------------------|---|
| Equipment name | Specific low power wireless device (Wireless device for wireless data communication system) |
| Manufacturer/Country | Bionet/S.Korea |

A-3. H5C & H10L <Common>

| Complied Standard | | |
|--|--|------------------------------|
| EN/IEC 60601-1:2012 | Medical electrical equipment Part 1: General requirements for basic safety and essential performance, BF, Non-continuous operation | |
| EN/IEC 60601-2-37:2015 | Medical Electrical Equipment Part 2-37: Particular Requirements for the Basic Safety and Essential Performance of Ultrasonic Medical Diagnostic and Monitoring Equipment | |
| EN/IEC 60601-1-2:2014 | Electromagnetic Compatibility Requirement and tests, Class A | |
| Circumstance | | |
| Operation | Ambient Temperature | 5°C ~ +35°C(41°F ~ 95°F) |
| | Relative Humidity | 25% ~ 80%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3,000m |
| Storage / Shipping | Ambient Temperature | -20°C ~ +55°C(-4°F ~ +131°F) |
| | Relative Humidity | 25% ~ 93%, Non-Condensing |
| | Atmospheric Pressure, Max. Altitude | 700hPa ~ 1060hPa, 3,000m |
| Safety | | |
| Type of protection | Internal-Power Type, 3.8 VDC / 5,600 mAh | |
| against electric shock | Type BF Applied Parts | |
| Degree of protection | Non-continuous operation Operating mode: 1:2 duty cycle (ON: 5 min / OFF: 10 min) | |
| against electric shock | Hand-Held Type | |
| Degrees of protection against harmful liquid | IPX1 | |
| Degree of safety of | The equipment is not suitable for use in the presence of | |

| | |
|------------------------------------|--|
| application | a flammable anesthetic mixture with air, oxygen, or nitrous oxide. |
| Wireless Parameters | |
| WI-FI Type | 2.4G Band |
| Supported Type | IEEE 802.11n(HT20) |
| Modulation | IEEE 802.11n:OFDM |
| Channel Number | 11 Channel for 20MHz bandwidth (2,412~2,462 MHz) |
| Channel Separation | 5 MHz |
| Antenna Description | Chip Antenna, 2.1dBi(Max.), AH104N2450D1 |
| Wireless Power | 10 mW/MHz or below |
| Common Technical Parameters | |
| Description | Tablet PC or Mobile Phone which supports by iOS 8.0 or above, Windows System. |
| Element | 192 |
| Mode | B, B/M, Color, PDI, PW |
| Measurement | [Common] Length, Area, Angle, Velocity, HR, S/D, Depth [For Obstetrics] GA(CRL), GA(BPD), GA(GS), GA(FL), GA(HC), GA(AC), EFW(BPD), EFW(FL) |
| Application | Animal |
| Image Frame Rate | 18f/s |
| Battery Operation Time | 5.0 hours |
| Charging Mode | USB Charging |
| Supported Device Brand | Apple |
| Equipment name | Specific low power wireless device (Wireless device for wireless data communication system) |
| Manufacturer/Country | Bionet/S.Korea |

A-3. H5C & H10L < Difference among devices >

| H5C | |
|-------------|---------------------------|
| Dimension | 160mm × 70mm × 23mm, 250g |
| Array Type | Electronic array R60 |
| Probe Type | Convex probe |
| Frequency | 3.2/5MHz |
| Depth | 90mm~305mm |
| Application | Animal |
| H10L | |
| Dimension | 160mm × 64mm × 23mm, 200g |
| Array Type | Electronic array L40 |
| Probe Type | Linear probe |
| Frequency | 7.5/10MHz |
| Depth | 20mm~100mm |
| Application | Animal |

Appendix B. Acoustic Output Data

These data are acquired through the test report of IEC 60601-2-37.

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MODE 5C B Mode

| Index label | | <i>M/I</i> | <i>T/S</i> | | <i>T/B</i> | | <i>T/C</i> |
|------------------------------|--|------------|------------|---------------|------------|---------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.14 | | 0.14 | | N/A |
| Index component value | | | 0.14 | 0.14 | N/A | 0.14 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | 29.86 | | 29.86 | | N/A |
| | P_{1x1} (mW) | | 11.96 | | 11.96 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 3.96 | | | | | |
| | $Z_{PII.o}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 3.55 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 7.10 | | | | | |
| | p_r at Z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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MODE 5C B + B/M Mode

| Index label | | <i>M</i> | <i>TIS</i> | | <i>TIB</i> | | <i>TIC</i> |
|--|---|----------|-----------------|------------------|-----------------|------------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.21 | | 1.23 | | N/A |
| Index component value | | | B:0.14 M:N/A | B:0.14 M:0.21 | N/A | B:0.14 M:1.23 | |
| Acoustic Parameters | $p_{r.}$ at Z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | B:29.86 M:29.86 | | B:29.86 M:29.86 | | N/A |
| | P_{1x1} (mW) | | B:11.96 | | B:11.96 | | |
| | Z_s (cm) | | | 3.06 | | | |
| | Z_b (cm) | | | | | 3.86 | |
| | Z_{MI} (cm) | 3.96 | | | | | |
| | $Z_{PII.}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{ppe} | 2 | | | | | |
| | $I_{pa.}$ at $Z_{PII.}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta.}$ at $Z_{PII.}$ or $Z_{SII.}$ (mW/cm ²) | 250.46 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 481.92 | | | | | |
| | $p_r.$ at Z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 5C B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------------------|--------------------------|--------------------------|--------------------|--------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.15 | | 0.15 | | N/A |
| Index component value | | | B:0.11 Color: 0.04 | B:0.11 Color: 0.04 | N/A | B:0.11 Color: 0.04 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | B:23.14 Color:8.31 | | B:23.14 Color:8.31 | | N/A |
| | P_{1x1} (mW) | | B:9.27 Color:3.33 | | B:9.27 Color:3.33 | | |
| | Z_s (cm) | | N/A | | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 3.96 | | | | | |
| | $Z_{PII.o}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | B:2.39 | B:2.39 Color:2.44 | | B:2.39 Color:2.44 | | N/A |
| Other Information | p_{rr} (Hz) | 2957.30 | | | | | |
| | s_{rr} (Hz) | 7.04 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 14.46 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 26.87 | | | | | |
| | p_r at Z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | N/A | B:H5.0 Color:2.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.0 | 2.0 | 2.0 | N/A | 2.0 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 5C PW Mode

| Index label | | <i>M</i> | <i>TIS</i> | | <i>TIB</i> | | <i>TIC</i> |
|--|--|----------|------------|---------------|------------|---------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.72 | 0.46 | | 2.23 | | N/A |
| Index component value | | | N/A | 0.46 | N/A | 2.23 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.14 | | | | | |
| | P (mW) | | 65.16 | | 65.16 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | | 3.06 | | | |
| | Z_b (cm) | | | | | 3.28 | |
| | Z_{MI} (cm) | 3.28 | | | | | |
| | $Z_{PII.o}$ (cm) | 3.28 | | | | | |
| | f_{awf} (MHz) | 2.48 | 2.48 | | 2.48 | | N/A |
| Other Information | p_{rr} (Hz) | 2500.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 46.12 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 348.77 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 611.90 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.51 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | N/A | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | N/A | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | Display focus number | 1 | N/A | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | SV(mm) | 1 | N/A | 1 | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 10L B Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.51 | 0.19 | | 0.19 | | N/A |
| Index component value | | | 0.19 | 0.19 | N/A | 0.19 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.08 | | | | | |
| | P (mW) | | 9.02 | | 9.02 | | N/A |
| | P_{1x1} (mW) | | 9.02 | | 9.02 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.64 | | | | | |
| | f_{awf} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 34.71 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 54.43 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 77.80 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.18 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 10L B + B/M Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|---|---------|------------------|-----------------|---------------|------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.51 | 0.38 | | 0.47 | | N/A |
| Index component value | | | B:0.19 M:0.19 | B:0.19 M:N/A | N/A | B:0.19 M:0.47 | |
| Acoustic Parameters | $p_{r.}$ at Z_{MI} (MPa) | 1.08 | | | | | |
| | P (mW) | | B:9.02 M:9.02 | | B:9.02 M:9.02 | | N/A |
| | P_{1x1} (mW) | | B:9.02 | | B:9.02 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | 1.16 | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.}$ (cm) | 0.64 | | | | | |
| | f_{awf} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | I_{lpps} | 4 | | | | | |
| | $I_{pa.}$ at $Z_{PII.}$ (W/cm ²) | 34.71 | | | | | |
| | $I_{spta.}$ at $Z_{PII.}$ or $Z_{SII.}$ (mW/cm ²) | 186.55 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 238.17 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.18 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 10L B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|----------------------|--------------------------|--------------------------|-------------------|--------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.94 | 0.21 | | 0.21 | | N/A |
| Index component value | | | B:0.12 Color: 0.09 | B:0.12 Color: 0.09 | N/A | B:0.12 Color: 0.09 | |
| Acoustic Parameters | $p_{r,s}$ at Z_{MI} (MPa) | 2.43 | | | | | |
| | P (mW) | | B:5.79 Color:2.94 | | B:5.79 Color:2.94 | | N/A |
| | P_{1x1} (mW) | | B:5.79 Color:2.94 | | B:5.79 Color:2.94 | | |
| | Z_s (cm) | | N/A | | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.50 | | | | | |
| | $Z_{PII,s}$ (cm) | 0.50 | | | | | |
| | f_{awf} (MHz) | Color: 6.73 | B:4.38 Color:6.73 | | B:4.38 Color:6.73 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | 8.33 | | | | | |
| | n_{pps} | 13 | | | | | |
| | $I_{pa,s}$ at $Z_{PII,s}$ (W/cm ²) | 215.64 | | | | | |
| | $I_{spta,s}$ at $Z_{PII,s}$ or $Z_{SII,s}$ (mW/cm ²) | 74.14 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 115.32 | | | | | |
| | p_r at Z_{PII} (MPa) | 2.74 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | 6 | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | N/A | B:H10.0 Color:6.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | 4.0 | N/A | 4.0 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 10L PW Mode

| Index label | | MI | TIS | | TIB | | TIC |
|------------------------------|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.78 | 0.21 | | 0.51 | | N/A |
| Index component value | | | 0.21 | N/A | N/A | 0.51 | |
| Acoustic Parameters | $p_{r,u}$ at Z_{MI} (MPa) | 2.01 | | | | | |
| | P (mW) | | 6.46 | | 6.46 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | 1.22 | |
| | Z_{MI} (cm) | 0.52 | | | | | |
| | $Z_{PII,u}$ (cm) | 0.52 | | | | | |
| | f_{awf} (MHz) | 6.61 | 6.61 | | 6.61 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa,u}$ at $Z_{PII,u}$ (W/cm ²) | 120.98 | | | | | |
| | $I_{spta,u}$ at $Z_{PII,u}$ or $Z_{SII,u}$ (mW/cm ²) | 581.58 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 730.66 | | | | | |
| | p_r at Z_{PII} (MPa) | 2.25 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | N/A | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | N/A | N/A | 20 | N/A |
| | Working frequency(MHz) | 6.5 | 6.5 | N/A | N/A | 6.5 | N/A |
| | Display focus number | 1 | 1 | N/A | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | N/A | N/A | 4.0 | N/A |
| | SV(mm) | 1 | 1 | N/A | N/A | 1 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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MODE 14L B Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|---|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.41 | 0.15 | | 0.15 | | N/A |
| Index component value | | | 0.15 | 0.15 | N/A | 0.15 | |
| Acoustic Parameters | $p_{r,\alpha}$ at Z_{MI} (MPa) | 1.02 | | | | | |
| | P (mW) | | 5.17 | | 5.17 | | N/A |
| | P_{1x1} (mW) | | 5.17 | | 5.17 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.78 | | | | | |
| | $Z_{PII,\alpha}$ (cm) | 0.78 | | | | | |
| | f_{awf} (MHz) | 6.15 | 6.15 | | 6.15 | | N/A |
| Other Information | p_{rr} (Hz) | 3955.90 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa,\alpha}$ at $Z_{PII,\alpha}$ (W/cm^2) | 29.96 | | | | | |
| | $I_{spta,\alpha}$ at $Z_{PII,\alpha}$ or $Z_{SII,\alpha}$ (mW/cm^2) | 15.73 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm^2) | 22.66 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.20 | | | | | |
| Operating control conditions | Display focus(mm) | 8, 15 | 8, 15 | 8, 15 | N/A | 8, 15 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H14.0 | H14.0 | H14.0 | N/A | H14.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 14L B + B/M Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|---|---------|------------------|-----------------|------------|------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.41 | 0.15 | | 0.21 | | N/A |
| Index component value | | | B:0.15 M:0.14 | B:0.15 M:N/A | N/A | B:0.15 M:0.21 | |
| Acoustic Parameters | $p_{r,\alpha}$ at Z_{MI} (MPa) | 1.02 | | | | | |
| | P (mW) | | B:5.17 M:4.83 | B:5.17 M:4.83 | | | N/A |
| | P_{1x1} (mW) | | B:5.17 M:N/A | B:5.17 M:N/A | | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | 0.86 | |
| | Z_{MI} (cm) | 0.78 | | | | | |
| | $Z_{PII,\alpha}$ (cm) | 0.78 | | | | | |
| | f_{awf} (MHz) | 6.15 | 6.15 | | 6.15 | | N/A |
| Other Information | p_{rr} (Hz) | 3955.90 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | B:4 | | | | | |
| | $I_{pa,\alpha}$ at $Z_{PII,\alpha}$ (W/cm ²) | 29.96 | | | | | |
| | $I_{spta,\alpha}$ at $Z_{PII,\alpha}$ or $Z_{SII,\alpha}$ (mW/cm ²) | 113.45 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 158.74 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.20 | | | | | |
| Operating control conditions | Display focus(mm) | 8, 15 | 8, 15 | 8, 15 | N/A | 8, 15 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H14.0 | H14.0 | H14.0 | N/A | H14.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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MODE 14L B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|------------------------------|---|----------------------------|----------------------------|----------------------------|-------------------|----------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.10 | 0.27 | | 0.27 | | N/A |
| Index component value | | | B:0.09 Color: 0.18 | B:0.09 Color: 0.18 | N/A | B:0.09 Color: 0.18 | |
| Acoustic Parameters | $p_{r,\alpha}$ at Z_{MI} (MPa) | 2.89 | | | | | |
| | P (mW) | | B:3.07 Color:5.45 | B:3.07 Color:5.45 | B:3.07 Color:5.45 | B:3.07 Color:5.45 | N/A |
| | $P_{1\times1}$ (mW) | | B:3.07 Color:5.45 | B:3.07 Color:5.45 | B:3.07 Color:5.45 | B:3.07 Color:5.45 | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.82 | | | | | |
| | $Z_{PII,\alpha}$ (cm) | 0.82 | | | | | |
| | f_{awf} (MHz) | Color:6.94 | B:6.15 Color:6.94 | B:6.15 Color:6.94 | B:6.15 Color:6.94 | B:6.15 Color:6.94 | N/A |
| Other Information | p_{rr} (Hz) | Color: 8000.00 | | | | | |
| | s_{rr} (Hz) | 7.69 | | | | | |
| | n_{pps} | B:4 Color:12 | | | | | |
| | $I_{pa,\alpha}$ at $Z_{PII,\alpha}$ (W/cm ²) | 342.70 | | | | | |
| | $I_{spta,\alpha}$ at $Z_{PII,\alpha}$ or $Z_{SII,\alpha}$ (mW/cm ²) | 32.74 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 49.19 | | | | | |
| | p_c at Z_{PII} (MPa) | 3.51 | | | | | |
| Operating control conditions | Display focus(mm) | 12 | 12 | 12 | N/A | 12 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | B:H14.0 Color: Fixed | B:H14.0 Color: Fixed | B:H14.0 Color: Fixed | N/A | B:H14.0 Color: Fixed | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 8.0 | 8.0 | 8.0 | N/A | 8.0 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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MODE 14L PW Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|---|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.06 | 0.33 | | 1.48 | | N/A |
| Index component value | | | 0.33 | N/A | N/A | 1.48 | |
| Acoustic Parameters | $p_{r,\alpha}$ at Z_{MI} (MPa) | 2.83 | | | | | |
| | P (mW) | | 9.89 | | 9.89 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | N/A | | | | |
| | Z_b (cm) | | | | | 0.86 | |
| | Z_{MI} (cm) | 0.82 | | | | | |
| | $Z_{PII,\alpha}$ (cm) | 0.82 | | | | | |
| | f_{bwf} (MHz) | 7.09 | 7.09 | | 7.09 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa,\alpha}$ at $Z_{PII,\alpha}$ (W/cm ²) | 287.20 | | | | | |
| | $I_{spta,\alpha}$ at $Z_{PII,\alpha}$ or $Z_{SII,\alpha}$ (mW/cm ²) | 1237.00 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 1848.00 | | | | | |
| | p_r at Z_{PII} (MPa) | 3.46 | | | | | |
| Operating control conditions | Display focus(mm) | 12 | 12 | N/A | N/A | 12 | N/A |
| | Display depth(mm) | 20 | 20 | N/A | N/A | 20 | N/A |
| | Working frequency(MHz) | Fixed | Fixed | N/A | N/A | Fixed | N/A |
| | Display focus number | 1 | 1 | N/A | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | N/A | N/A | 4.0 | N/A |
| | SV(mm) | 1 | 1 | N/A | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

See above, because of MI>1 and TI>1, 14L need to display MI and TI.

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MODE 5CB B Mode

| Index label | | MI | TIS | | TIB | TIC | |
|--------------------------------|------------------------------------|--------|-------|--------------------------------|-----------------------------|-----|----------|
| | | | Scan | Non-scan | | | Non-scan |
| | | | | $A_{aprt} \leq 1 \text{ cm}^2$ | $A_{aprt} > 1 \text{ cm}^2$ | | |
| Maximum index value | | 0.65 | 0.16 | | | N/A | |
| Associated acoustic parameters | $p_{r,a}$ | 1.17 | | | | | |
| | P | | 13.31 | | | N/A | |
| | min of $[P_a(Z_s), I_{ta,a}(Z_s)]$ | | | | | | |
| | z_s | | | | | | |
| | z_{bp} | | | | | | |
| | z_b | | | | | | |
| | z at max $I_{pi,a}$ | | 4.70 | | | | |
| | $d_{eq}(Z_b)$ | | | | | | |
| | f_{awf} | | 3.25 | 3.25 | | | N/A |
| | Dim of A_{aprt} | X | | 1.29 | | | N/A |
| Y | | | 1.30 | | | N/A | |
| Other information | t_d | | 0.73 | | | | |
| | p_{rr} | | 1250 | | | | |
| | p_r at max I_{pi} | | 2.10 | | | | |
| | d_{eq} at max I_{pi} | | | | | | |
| | $I_{pi,a}$ at max MI | | 42.30 | | | | |
| | Focal Length | FL_x | | | | | |
| FL_y | | | | | | | |
| Operating control conditions | Depth(mm) | | 160 | 160 | | N/A | |
| | Freq(MHz) | | 3.5 | 3.5 | | N/A | |

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MODE 5CB B + B/M Mode

| Index label | | MI | TIS | | TIB | TIC | | |
|--------------------------------|--|--------|-------|--------------------------------|-----------------------------|-------|----------|-----|
| | | | Scan | Non-scan | | | Non-scan | |
| | | | | $A_{aprt} \leq 1 \text{ cm}^2$ | $A_{aprt} > 1 \text{ cm}^2$ | | | |
| Maximum index value | | 0.65 | 0.16 | | 0.12 | 0.37 | N/A | |
| Associated acoustic parameters | $p_{r,\alpha}$ | 1.17 | | | | | | |
| | P | | 13.31 | | | 13.11 | N/A | |
| | min of $[P_{\alpha}(Z_s), I_{ta,\alpha}(Z_s)]$ | | | | | 7.68 | | |
| | Z_s | | | | | 2.40 | | |
| | Z_{bp} | | | | | 2.19 | | |
| | Z_b | | | | | | 4.70 | |
| | z at max $I_{pi,\alpha}$ | | 4.70 | | | | | |
| | $d_{eq}(Z_b)$ | | | | | | 0.62 | |
| | f_{awf} | | 3.25 | 3.25 | | 3.25 | 3.25 | N/A |
| Dim of A_{aprt} | X | | 1.29 | | 1.29 | 1.29 | N/A | |
| | Y | | 1.30 | | 1.30 | 1.30 | N/A | |
| Other information | t_d | | 0.73 | | | | | |
| | p_{rr} | | 1250 | | | | | |
| | p_r at max I_{pi} | | 2.10 | | | | | |
| | d_{eq} at max I_{pi} | | | | | | 0.62 | |
| | $I_{pi,\alpha}$ at max MI | | 42.30 | | | | | |
| | Focal Length | FL_x | | | | N/A | | |
| | FL_y | | | | 5.00 | | | |
| Operating control conditions | Depth(mm) | | 160 | 160 | | 160 | 160 | N/A |
| | Freq(MHz) | | 3.5 | 3.5 | | 3.5 | 3.5 | N/A |

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MODE 10LB B Mode

| Index label | | MI | TIS | | TIB | T/C | |
|--------------------------------|--|--------|-------|--------------------------------|-----------------------------|-----|----------|
| | | | Scan | Non-scan | | | Non-scan |
| | | | | $A_{aprt} \leq 1 \text{ cm}^2$ | $A_{aprt} > 1 \text{ cm}^2$ | | |
| Maximum index value | | 0.75 | 0.036 | | | N/A | |
| Associated acoustic parameters | $p_{r,\alpha}$ | 1.90 | | | | | |
| | P | | 1.17 | | | N/A | |
| | min of $[P_{\alpha}(Z_s), I_{ta,\alpha}(Z_s)]$ | | | | | | |
| | Z_s | | | | | | |
| | Z_{bp} | | | | | | |
| | Z_b | | | | | | |
| | z at max $I_{pi,\alpha}$ | | 1.35 | | | | |
| | $d_{eq}(Z_b)$ | | | | | | |
| | f_{awf} | | 6.47 | 6.47 | | | N/A |
| Dim of | X | | 0.96 | | | N/A | |
| | Y | | 0.44 | | | N/A | |
| Other information | t_d | | 0.36 | | | | |
| | p_{rr} | | 1250 | | | | |
| | p_r at max I_{pi} | | 2.63 | | | | |
| | d_{eq} at max I_{pi} | | | | | | |
| | $I_{pi,\alpha}$ at max MI | | 17.30 | | | | |
| | Focal Length | FL_x | | | | | |
| | FL_y | | | | | | |
| Operating control conditions | Depth(mm) | | 80 | 80 | | N/A | |
| | Freq(MHz) | | 7.5 | 7.5 | | N/A | |

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MODE 10LB B + B/M Mode

| Index label | | MI | TIS | | | TIB | TIC | |
|--------------------------------|--|--------|-------|--------------------------------|-----------------------------|----------|------|-----|
| | | | Scan | Non-scan | | Non-scan | | |
| | | | | $A_{aprt} \leq 1 \text{ cm}^2$ | $A_{aprt} > 1 \text{ cm}^2$ | | | |
| Maximum index value | | 0.75 | 0.036 | 0.038 | | 0.13 | N/A | |
| Associated acoustic parameters | $p_{r,\alpha}$ | 1.90 | | | | | | |
| | P | | 1.17 | 1.22 | | 1.22 | N/A | |
| | min of $[P_{\alpha}(Z_s), I_{Ta,\alpha}(Z_s)]$ | | | | | | | |
| | Z_s | | | | | | | |
| | Z_{bp} | | | | | | | |
| | Z_b | | | | | | 1.35 | |
| | z at max $I_{pi,\alpha}$ | | 1.35 | | | | | |
| | $d_{eq}(Z_b)$ | | | | | | 0.18 | |
| | f_{awf} | | 6.47 | 6.47 | 6.47 | | 6.47 | N/A |
| Dim of | X | | 0.96 | 0.96 | | 0.96 | N/A | |
| A_{aprt} | Y | | 0.44 | 0.44 | | 0.44 | N/A | |
| Other information | t_d | | 0.36 | | | | | |
| | pr | | 1250 | | | | | |
| | p_r at max I_{pi} | | 2.63 | | | | | |
| | d_{eq} at max I_{pi} | | | | | | 0.18 | |
| | $I_{pi,\alpha}$ at max MI | | 17.30 | | | | | |
| | Focal Length | FL_x | | | N/A | | | |
| | FL_y | | | 1.30 | | | | |
| Operating control conditions | Depth(mm) | | 80 | 80 | 80 | | 80 | N/A |
| | Freq(MHz) | | 7.5 | 7.5 | 7.5 | | 7.5 | N/A |

These data are acquired through the test report of IEC 60601-2-37.

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MODE H5C10L(C) B Mode

| Index label | | MI | T/S | | T/B | | T/C |
|------------------------------|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.14 | | 0.14 | | N/A |
| Index component value | | | 0.14 | 0.14 | N/A | 0.14 | |
| Acoustic Parameters | $p_{r.o}$ at z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | 29.86 | | 29.86 | | N/A |
| | P_{1x1} (mW) | | 11.96 | | 11.96 | | |
| | z_s (cm) | | | N/A | | | |
| | z_b (cm) | | | | | N/A | |
| | z_{MI} (cm) | 3.96 | | | | | |
| | $z_{PII.o}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa.o}$ at $z_{PII.o}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta.o}$ at $z_{PII.o}$ or $z_{SII.o}$ (mW/cm ²) | 3.55 | | | | | |
| | I_{spta} at z_{PII} or z_{SII} (mW/cm ²) | 7.10 | | | | | |
| | p_r at z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H5C10L(C) B + B/M Mode

| Index label | | <i>MI</i> | <i>TIS</i> | | <i>TIB</i> | | <i>TIC</i> |
|------------------------------|--|-----------|-----------------|------------------|-----------------|------------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.21 | | 1.23 | | N/A |
| Index component value | | | B:0.14 M:N/A | B:0.14 M:0.21 | N/A | B:0.14 M:1.23 | |
| Acoustic Parameters | $p_{r.o}$ at z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | B:29.86 M:29.86 | | B:29.86 M:29.86 | | N/A |
| | P_{1x1} (mW) | | B:11.96 | | B:11.96 | | |
| | z_s (cm) | | | 3.06 | | | |
| | z_b (cm) | | | | | 3.86 | |
| | z_{MI} (cm) | 3.96 | | | | | |
| | $z_{PII.o}$ (cm) | 3.96 | | | | | |
| | f_{dwt} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa.o}$ at $z_{PII.o}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta.o}$ at $z_{PII.o}$ or $z_{SII.o}$ (mW/cm ²) | 250.46 | | | | | |
| | I_{spta} at z_{PII} or z_{SII} (mW/cm ²) | 481.92 | | | | | |
| | p_r at z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H5C10L(C) B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|------------------------------|--|---------------------|--------------------------|--------------------------|--------------------|--------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.32 | 0.15 | | 0.15 | | N/A |
| Index component value | | | B:0.11 Color: 0.04 | B:0.11 Color: 0.04 | N/A | B:0.11 Color: 0.04 | |
| Acoustic Parameters | $\rho_{r..}$ at Z_{MI} (MPa) | 2.04 | | | | | |
| | P (mW) | | B:23.14 Color:8.31 | | B:23.14 Color:8.31 | | N/A |
| | P_{1x1} (mW) | | B:9.27 Color:3.33 | | B:9.27 Color:3.33 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 3.96 | | | | | |
| | $Z_{PII..}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | B:2.39 | B:2.39 Color:2.44 | | B:2.39 Color:2.44 | | N/A |
| Other Information | p_{rr} (Hz) | 2957.30 | | | | | |
| | s_{rr} (Hz) | 7.04 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa..}$ at $Z_{PII..}$ (W/cm ²) | 143.14 | | | | | |
| | $I_{spta..}$ at $Z_{PII..}$ OR $Z_{SII..}$ (mW/cm ²) | 14.46 | | | | | |
| | I_{spta} at Z_{PII} OR Z_{SII} (mW/cm ²) | 26.87 | | | | | |
| | ρ_r at Z_{PII} (MPa) | 2.83 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | N/A | B:H5.0 Color:2.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.0 | 2.0 | 2.0 | N/A | 2.0 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H5C10L(C) PW Mode

| Index label | | <i>M</i> / <i>I</i> | <i>T</i> / <i>S</i> | | <i>T</i> / <i>B</i> | | <i>T</i> / <i>C</i> |
|--|--|---------------------|---------------------|---------------|---------------------|---------------|---------------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.72 | 0.46 | | 2.23 | | N/A |
| Index component value | | | N/A | 0.46 | N/A | 2.23 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.14 | | | | | |
| | P (mW) | | 65.16 | | 65.16 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | | 3.06 | | | |
| | Z_b (cm) | | | | | 3.28 | |
| | Z_{MI} (cm) | 3.28 | | | | | |
| | $Z_{PII.o}$ (cm) | 3.28 | | | | | |
| | f_{awf} (MHz) | 2.48 | 2.48 | | 2.48 | | N/A |
| Other Information | p_{rr} (Hz) | 2500.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 46.12 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 348.77 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 611.90 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.51 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | N/A | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | N/A | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | Display focus number | 1 | N/A | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | SV(mm) | 1 | N/A | 1 | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C10L(L) B Mode

| Index label | | <i>MI</i> | <i>TIS</i> | | <i>TIB</i> | | <i>TIC</i> |
|--|--|-----------|------------|---------------|------------|---------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.51 | 0.19 | | 0.19 | | N/A |
| Index component value | | | 0.19 | 0.19 | N/A | 0.19 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.08 | | | | | |
| | P (mW) | | 9.02 | | 9.02 | | N/A |
| | P_{1x1} (mW) | | 9.02 | | 9.02 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.64 | | | | | |
| | f_{awf} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 34.71 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 54.43 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 77.80 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.18 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C10L(L) B + B/M Mode

| Index label | | MI | T/S | | T/B | | T/C |
|--|--|---------|------------------|-----------------|---------------|------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.51 | 0.38 | | 0.47 | | N/A |
| Index component value | | | B:0.19 M:0.19 | B:0.19 M:N/A | N/A | B:0.19 M:0.47 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.08 | | | | | |
| | P (mW) | | B:9.02 M:9.02 | | B:9.02 M:9.02 | | N/A |
| | P_{1x1} (mW) | | B:9.02 | | B:9.02 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | 1.16 | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.64 | | | | | |
| | f_{awf} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 34.71 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 186.55 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 238.17 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.18 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C10L(L) B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|------------------------------|--|----------------------|--------------------------|--------------------------|-------------------|--------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.94 | 0.21 | | 0.21 | | N/A |
| Index component value | | | B:0.12 Color: 0.09 | B:0.12 Color: 0.09 | N/A | B:0.12 Color: 0.09 | |
| Acoustic Parameters | $p_{r,u}$ at z_{MI} (MPa) | 2.43 | | | | | |
| | P (mW) | | B:5.79 Color:2.94 | | B:5.79 Color:2.94 | | N/A |
| | P_{1x1} (mW) | | B:5.79 Color:2.94 | | B:5.79 Color:2.94 | | |
| | z_s (cm) | | N/A | | | | |
| | z_b (cm) | | | | | N/A | |
| | z_{MI} (cm) | 0.50 | | | | | |
| | $z_{PII,u}$ (cm) | 0.50 | | | | | |
| | f_{awf} (MHz) | Color: 6.73 | B:4.38 Color:6.73 | | B:4.38 Color:6.73 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | 8.33 | | | | | |
| | n_{pps} | 13 | | | | | |
| | $I_{pa,u}$ at $z_{PII,u}$ (W/cm ²) | 215.64 | | | | | |
| | $I_{spta,u}$ at $z_{PII,u}$ or $z_{SII,u}$ (mW/cm ²) | 74.14 | | | | | |
| | I_{spta} at z_{PII} or z_{SII} (mW/cm ²) | 115.32 | | | | | |
| | p_r at z_{PII} (MPa) | 2.74 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | 6 | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | N/A | B:H10.0 Color:6.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | 4.0 | N/A | 4.0 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H5C10L(L) PW Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.78 | 0.21 | | 0.51 | | N/A |
| Index component value | | | 0.21 | N/A | N/A | 0.51 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 2.01 | | | | | |
| | P (mW) | | 6.46 | | 6.46 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | 1.22 | |
| | Z_{MI} (cm) | 0.52 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.52 | | | | | |
| | f_{awf} (MHz) | 6.61 | 6.61 | | 6.61 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 120.98 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 581.58 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 730.66 | | | | | |
| | p_r at Z_{PII} (MPa) | 2.25 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | N/A | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | N/A | N/A | 20 | N/A |
| | Working frequency(MHz) | 6.5 | 6.5 | N/A | N/A | 6.5 | N/A |
| | Display focus number | 1 | 1 | N/A | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | N/A | N/A | 4.0 | N/A |
| | SV(mm) | 1 | 1 | N/A | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

These data are acquired through the test report of IEC 60601-2-37.

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MODE H5C B Mode

| Index label | | MI | T/S | | T/B | | T/C |
|--|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.35 | 0.14 | | 0.14 | | N/A |
| Index component value | | | 0.14 | 0.14 | N/A | 0.14 | |
| Acoustic Parameters | $p_{r.o}$ at z_{MI} (MPa) | 2.08 | | | | | |
| | P (mW) | | 31.10 | | 31.10 | | N/A |
| | P_{1x1} (mW) | | 12.46 | | 12.46 | | |
| | z_s (cm) | | | N/A | | | |
| | z_b (cm) | | | | | N/A | |
| | z_{MI} (cm) | 3.96 | | | | | |
| | $z_{P_{II.o}}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa.o}$ at $z_{P_{II.o}}$ (W/cm ²) | 149.10 | | | | | |
| | $I_{spta.o}$ at $z_{P_{II.o}}$ or $z_{S_{II.o}}$ (mW/cm ²) | 3.70 | | | | | |
| | I_{spta} at $z_{P_{II}}$ or $z_{S_{II}}$ (mW/cm ²) | 7.40 | | | | | |
| | p_r at $z_{P_{II}}$ (MPa) | 2.89 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C B + B/M Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------|-----------------|------------------|-----------------|------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.35 | 0.21 | | 1.28 | | N/A |
| Index component value | | | B:0.14 M:N/A | B:0.14 M:0.21 | N/A | B:0.14 M:1.28 | |
| Acoustic Parameters | $p_{r.o}$ at z_{MI} (MPa) | 2.08 | | | | | |
| | P (mW) | | B:31.10 M:31.10 | | B:31.10 M:31.10 | | N/A |
| | P_{1x1} (mW) | | B:12.46 | | B:12.46 | | |
| | z_s (cm) | | | 3.06 | | | |
| | z_b (cm) | | | | | 3.86 | |
| | z_{MI} (cm) | 3.96 | | | | | |
| | $z_{PII.o}$ (cm) | 3.96 | | | | | |
| | f_{awt} (MHz) | 2.39 | 2.39 | | 2.39 | | N/A |
| Other Information | p_{rr} (Hz) | 1598.50 | | | | | |
| | s_{rr} (Hz) | 9.09 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $i_{pa.o}$ at $z_{PII.o}$ (W/cm^2) | 149.10 | | | | | |
| | $i_{spta.o}$ at $z_{PII.o}$ OR $z_{SII.o}$ (mW/cm^2) | 260.90 | | | | | |
| | i_{spta} at z_{PII} OR z_{SII} (mW/cm^2) | 502.00 | | | | | |
| | p_r at z_{PII} (MPa) | 2.89 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | H5.0 | H5.0 | H5.0 | N/A | H5.0 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C B + Color / B + PDI Mode

| Index label | | <i>MI</i> | <i>TIS</i> | | <i>TIB</i> | | <i>TIC</i> |
|--|--|---------------------|--------------------------|--------------------------|--------------------|--------------------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 1.35 | 0.15 | | 0.15 | | N/A |
| Index component value | | | B:0.11 Color: 0.04 | B:0.11 Color: 0.04 | N/A | B:0.11 Color: 0.04 | |
| Acoustic Parameters | $\rho_{r,0}$ at z_{MI} (MPa) | 2.08 | | | | | |
| | P (mW) | | B:24.10 Color:8.66 | | B:24.10 Color:8.66 | | N/A |
| | P_{1x1} (mW) | | B:9.66 Color:3.47 | | B:9.66 Color:3.47 | | |
| | z_s (cm) | | | N/A | | | |
| | z_b (cm) | | | | | N/A | |
| | z_{MI} (cm) | 3.96 | | | | | |
| | $z_{PIL,0}$ (cm) | 3.96 | | | | | |
| | f_{awf} (MHz) | B:2.39 | B:2.39 Color:2.44 | | B:2.39 Color:2.44 | | N/A |
| Other Information | p_{rr} (Hz) | 2957.30 | | | | | |
| | s_{rr} (Hz) | 7.04 | | | | | |
| | n_{pps} | 2 | | | | | |
| | $I_{pa,0}$ at $z_{PIL,0}$ (W/cm ²) | 149.10 | | | | | |
| | $I_{spla,0}$ at $z_{PIL,0}$ or $z_{SIL,0}$ (mW/cm ²) | 15.06 | | | | | |
| | I_{spla} at z_{PIL} or z_{SIL} (mW/cm ²) | 27.99 | | | | | |
| | ρ_r at z_{PIL} (MPa) | 2.89 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | 40 | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | 90 | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | B:H5.0 Color:2.5 | N/A | B:H5.0 Color:2.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.0 | 2.0 | 2.0 | N/A | 2.0 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H5C PW Mode

| Index label | | MI | TIS | | TIB | | TIC |
|------------------------------|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.74 | 0.48 | | 2.32 | | N/A |
| Index component value | | | N/A | 0.48 | N/A | 2.32 | |
| Acoustic Parameters | $p_{r,u}$ at z_{MI} (MPa) | 1.16 | | | | | |
| | P (mW) | | 67.88 | | 67.88 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | z_s (cm) | | | 3.06 | | | |
| | z_b (cm) | | | | | 3.28 | |
| | z_{MI} (cm) | 3.28 | | | | | |
| | $z_{PII,u}$ (cm) | 3.28 | | | | | |
| | f_{awf} (MHz) | 2.48 | 2.48 | | 2.48 | | N/A |
| Other Information | p_{rr} (Hz) | 2500.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa,u}$ at $z_{PII,u}$ (W/cm ²) | 48.04 | | | | | |
| | $I_{spta,u}$ at $z_{PII,u}$ or $z_{SII,u}$ (mW/cm ²) | 363.30 | | | | | |
| | I_{spta} at z_{PII} or z_{SII} (mW/cm ²) | 637.40 | | | | | |
| | p_r at z_{PII} (MPa) | 1.54 | | | | | |
| Operating control conditions | Display focus(mm) | 40 | N/A | 40 | N/A | 40 | N/A |
| | Display depth(mm) | 90 | N/A | 90 | N/A | 90 | N/A |
| | Working frequency(MHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | Display focus number | 1 | N/A | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 2.5 | N/A | 2.5 | N/A | 2.5 | N/A |
| | SV(mm) | 1 | N/A | 1 | N/A | 1 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H10L B Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.53 | 0.20 | | 0.20 | | N/A |
| Index component value | | | 0.20 | 0.20 | N/A | 0.20 | |
| Acoustic Parameters | $\rho_{r.o}$ at Z_{MI} (MPa) | 1.11 | | | | | |
| | P (mW) | | 9.60 | | 9.60 | | N/A |
| | P_{1x1} (mW) | | 9.60 | | 9.60 | | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.64 | | | | | |
| | f_{awf} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 36.93 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ or $Z_{SII.o}$ (mW/cm ²) | 57.90 | | | | | |
| | I_{spta} at Z_{PII} or Z_{SII} (mW/cm ²) | 82.77 | | | | | |
| | ρ_r at Z_{PII} (MPa) | 1.22 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H10L B + B/M Mode

| Index label | | <i>M</i> | <i>T/S</i> | | <i>T/B</i> | | <i>T/C</i> |
|------------------------------|--|----------|------------------|-----------------|---------------|------------------|------------|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.53 | 0.40 | | 0.50 | | N/A |
| Index component value | | | B:0.20 M:0.20 | B:0.20 M:N/A | N/A | B:0.20 M:0.50 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 1.11 | | | | | |
| | P (mW) | | B:9.60 M:9.60 | | B:9.60 M:9.60 | | N/A |
| | P_{1x1} (mW) | | B:9.60 | | B:9.60 | | |
| | Z_s (cm) | | N/A | | | | |
| | Z_b (cm) | | | | | 1.16 | |
| | Z_{MI} (cm) | 0.64 | | | | | |
| | $Z_{PII.o}$ (cm) | 0.64 | | | | | |
| | f_{awr} (MHz) | 4.38 | 4.38 | | 4.38 | | N/A |
| Other Information | p_{rr} (Hz) | 3765.30 | | | | | |
| | s_{rr} (Hz) | 12.99 | | | | | |
| | n_{pps} | 4 | | | | | |
| | $I_{pa.o}$ at $Z_{PII.o}$ (W/cm ²) | 36.93 | | | | | |
| | $I_{spta.o}$ at $Z_{PII.o}$ OR $Z_{SII.o}$ (mW/cm ²) | 198.46 | | | | | |
| | I_{spta} at Z_{PII} OR Z_{SII} (mW/cm ²) | 253.37 | | | | | |
| | p_r at Z_{PII} (MPa) | 1.22 | | | | | |
| Operating control conditions | Display focus(mm) | 4, 9 | 4, 9 | 4, 9 | N/A | 4, 9 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | H10.0 | H10.0 | H10.0 | N/A | H10.0 | N/A |
| | Display focus number | 2 | 2 | 2 | N/A | 2 | N/A |

NOTE: N/A indicates that there is no corresponding intended use or no data reported.

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 MODE H10L B + Color / B + PDI Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|----------------------|--------------------------|--------------------------|-------------------|--------------------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.97 | 0.23 | | 0.23 | | N/A |
| Index component value | | | B:0.13 Color: 0.10 | B:0.13 Color: 0.10 | N/A | B:0.13 Color: 0.10 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 2.51 | | | | | |
| | P (mW) | | B:6.16 Color:3.13 | B:6.16 Color:3.13 | B:6.16 Color:3.13 | B:6.16 Color:3.13 | N/A |
| | P_{1x1} (mW) | | B:6.16 Color:3.13 | B:6.16 Color:3.13 | B:6.16 Color:3.13 | B:6.16 Color:3.13 | |
| | Z_s (cm) | | | N/A | | | |
| | Z_b (cm) | | | | | N/A | |
| | Z_{MI} (cm) | 0.50 | | | | | |
| | $Z_{PIL.o}$ (cm) | 0.50 | | | | | |
| | f_{awf} (MHz) | Color: 6.73 | B:4.38 Color:6.73 | B:4.38 Color:6.73 | B:4.38 Color:6.73 | B:4.38 Color:6.73 | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | 8.33 | | | | | |
| | n_{pps} | 13 | | | | | |
| | $I_{pa.o}$ at $Z_{PIL.o}$ (W/cm ²) | 229.40 | | | | | |
| | $I_{spta.o}$ at $Z_{PIL.o}$ or $Z_{SII.o}$ (mW/cm ²) | 78.87 | | | | | |
| | I_{spta} at Z_{PIL} or Z_{SII} (mW/cm ²) | 122.68 | | | | | |
| | p_r at Z_{PIL} (MPa) | 2.82 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | 6 | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | 20 | N/A | 20 | N/A |
| | Working frequency(MHz) | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | B:H10.0 Color:6.5 | N/A | B:H10.0 Color:6.5 | N/A |
| | Display focus number | 1 | 1 | 1 | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | 4.0 | N/A | 4.0 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

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 MODE H10L PW Mode

| Index label | | MI | TIS | | TIB | | TIC |
|--|--|---------|------------|---------------|------------|---------------|-----|
| | | | At surface | Below surface | At surface | Below surface | |
| Maximum index value | | 0.80 | 0.22 | | 0.54 | | N/A |
| Index component value | | | 0.22 | N/A | N/A | 0.54 | |
| Acoustic Parameters | $p_{r.o}$ at Z_{MI} (MPa) | 2.07 | | | | | |
| | P (mW) | | 6.87 | | 6.87 | | N/A |
| | P_{1x1} (mW) | | N/A | | N/A | | |
| | Z_s (cm) | | N/A | | | | |
| | Z_b (cm) | | | | | 1.22 | |
| | Z_{MI} (cm) | 0.52 | | | | | |
| | $Z_{PIL.o}$ (cm) | 0.52 | | | | | |
| | f_{awf} (MHz) | 6.61 | 6.61 | | 6.61 | | N/A |
| Other Information | p_{rr} (Hz) | 4000.00 | | | | | |
| | s_{rr} (Hz) | N/A | | | | | |
| | n_{pps} | N/A | | | | | |
| | $I_{pa.o}$ at $Z_{PIL.o}$ (W/cm ²) | 128.70 | | | | | |
| | $I_{spta.o}$ at $Z_{PIL.o}$ OR $Z_{SII.o}$ (mW/cm ²) | 618.70 | | | | | |
| | I_{spta} at Z_{PIL} OR Z_{SII} (mW/cm ²) | 777.30 | | | | | |
| | p_r at Z_{PIL} (MPa) | 2.32 | | | | | |
| Operating control conditions | Display focus(mm) | 6 | 6 | N/A | N/A | 6 | N/A |
| | Display depth(mm) | 20 | 20 | N/A | N/A | 20 | N/A |
| | Working frequency(MHz) | 6.5 | 6.5 | N/A | N/A | 6.5 | N/A |
| | Display focus number | 1 | 1 | N/A | N/A | 1 | N/A |
| | PRF(KHz) | 4.0 | 4.0 | N/A | N/A | 4.0 | N/A |
| | SV(mm) | 1 | 1 | N/A | N/A | 1 | N/A |
| NOTE: N/A indicates that there is no corresponding intended use or no data reported. | | | | | | | |

PRODUCT WARRANTY

| | |
|-------------------------|---|
| Brand Name | SonoMeVET |
| Product Name | Handheld Ultrasound Scanners |
| Model Name | 5C, 10L, 14L, 5CB, 10LB, H5C10L, H5C, H10L |
| Approval Number | |
| Approval Date | |
| Serial Number | |
| Warranty Period | |
| Date of Purchase | Hospital Name : Address : Name : Phone : |
| Customer Section | |
| Sales Agency | |
| Manufacturer | |

- ◆ Thank you for purchasing **SonoMe VET**
- ◆ The product is manufactured and passed through strict quality control and through inspection.

Contact



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