

August 27, 2021

Acutus Medical, Inc. Sindhu Sridhar Regulatory Affairs Manager 2210 Faraday Ave, Suite 100 Carlsbad, California 92008

Re: K212345

Trade/Device Name: AcQMap® High Resolution Imaging and Mapping System, Model 900100

Regulation Number: 21 CFR 870.1425

Regulation Name: Programmable Diagnostic Computer

Regulatory Class: Class II Product Code: DQK, IYO, ITX,

Dated: July 26, 2021 Received: July 28, 2021

Dear Sindhu Sridhar:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm identifies combination product submissions. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the <u>Federal Register</u>.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's

requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to https://www.fda.gov/medical-device-problems.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (https://www.fda.gov/training-and-continuing-education/cdrh-learn). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

Aneesh Deoras
Assistant Director (Acting)
Division of Cardiac Electrophysiology,
Diagnostics and Monitoring Devices
Office of Cardiovascular Devices
Office of Product Evaluation and Quality
Center for Devices and Radiological Health

Enclosure

DEPARTMENT OF HEALTH AND HUMAN SERVICES Food and Drug Administration

Indications for Use

510(k) Number (if known)

Form Approved: OMB No. 0910-0120

Expiration Date: 06/30/2023 See PRA Statement below.

| K212345 |
|---|
| Device Name AcQMap® High Resolution Imaging and Mapping System, Model 900100 |
| Indications for Use (Describe) The AcQMap System is intended for use in patients for whom electrophysiology procedures have been prescribed. |
| When used with the AcQMap Catheters, the AcQMap System is intended to be used to reconstruct the selected chamber from ultrasound data for purposes of visualizing the chamber anatomy and displaying electrical impulses as either charge density-based or voltage-based maps of complex arrhythmias that may be difficult to identify using conventional mapping systems alone. |
| AND |
| When used with the specified Patient Electrodes, the AcQMap System is intended to display the position of AcQMap Catheters and conventional electrophysiology (EP) catheters in the heart. |
| OR |
| When used with conventional electrophysiology catheters, the AcQMap System provides information about the electrical activity of the heart and about catheter location during the procedure. |
| |
| |
| |
| Type of Use (Select one or both, as applicable) |
| Prescription Use (Part 21 CFR 801 Subpart D) Over-The-Counter Use (21 CFR 801 Subpart C) |
| CONTINUE ON A SEPARATE PAGE IF NEEDED. |

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510(K) NOTIFICATION <u>K212345</u>

GENERAL INFORMATION [807.92(a)(1)]

Date Prepared: 26 July 2021

| Applicant: | Contact Person: |
|------------------------------|----------------------------------|
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DEVICE INFORMATION [807.92(a)(2)]

| Trade Name: | AcQMap® High Resolution Imaging and Mapping System, Model 900100 |
|----------------------|---|
| Generic/Common Name: | Programable diagnostic computer and Ultrasonic pulsed echo imaging system |
| Classification: | Class II / 21 CFR § 870.1425 and Class II / 21 CFR § 892.1560 |
| Product Code(s): | DQK, IYO, ITX |

PREDICATE DEVICES [807.92(a)(3)]

| Predicate Device | Manufacturer | FDA 510(k) |
|---|----------------------|------------|
| AcQMap High Resolution Imaging and Mapping System, Model 900100 | Acutus Medical, Inc. | K201015 |

DEVICE DESCRIPTION [807.92(a)(4)]

The AcQMap High Resolution Imaging and Mapping System, Model 900100 operates outside of the sterile field and consists of the AcQMap Console, the AcQMap Workstation and the AcQMap Auxiliary Interface Box.

The AcQMap High Resolution Imaging and Mapping System, Model 900100 ("AcQMap System Model, 900100") is a diagnostic recording system. This computer-based system is intended for use in the Electrophysiology (EP) Lab, and it is capable of imaging, navigation and mapping of the atrial chambers of the heart.

The AcQMap System hardware consists of three functional subsystems:

- Ultrasound imaging,
- ECG and EGM recording; and
- Impedance based electrode Localization.

The AcQMap System, Model 900100 is used in conjunction with the associated AcQMap 3D Imaging and Mapping Catheter models 900003 and 900009 (cleared under K201341). The AcQMap System provides:

- 3-D cardiac chamber reconstruction Contact and non-contact (ultrasound),
- Three-dimensional position of the AcQMap Catheter and conventional electrophysiology catheters,
- Cardiac electrical activity as waveform traces,
- Contact LAT and voltage amplitude maps
- Remapping of the chamber at any time during the procedure; and
- Dynamic, three-dimensional, charge density maps overlaid on the cardiac chamber reconstruction to show chamber-wide electrical activation.

The AcQMap System, Model 900100 is intended to create a surface reconstruction of the cardiac chamber as well as an electrical map of the substrate. The surface reconstruction and electrical map are then used by physicians to identify the source(s) of the arrhythmia.

Additionally, the AcQMap System allows physicians to perform traditional contact mapping activities, including establishing a coordinate system, localizing conventional electrophysiology catheters relative to one another within the coordinate system, recording contact electrograms, and initiating a procedure without the AcQMap Catheter present. Based on the information captured in the contact electrograms, the physician may decide to treat an arrythmia without deploying the AcQMap Catheter.

The modifications to the AcQMap System, Model 900100 includes addition of new accessories (cables and adapters) to facilitate connectivity between the cleared AcQMap High Resolution Imaging and Mapping System and compatible RF Ablation Generators.

INDICATIONS FOR USE [807.92(a)(5)]

The AcQMap System is intended for use in patients for whom electrophysiology procedures have been prescribed.

When used with the AcQMap Catheters, the AcQMap System is intended to be used to reconstruct the selected chamber from ultrasound data for purposes of visualizing the chamber anatomy and displaying electrical impulses as either charge density-based or voltage-based maps of complex arrhythmias that may be difficult to identify using conventional mapping systems alone.

AND

When used with the specified Patient Electrodes, the AcQMap System is intended to display the position of AcQMap Catheters and conventional electrophysiology (EP) catheters in the heart.

OR

When used with conventional electrophysiology catheters, the AcQMap System provides information about the electrical activity of the heart and about catheter location during the procedure.

COMPARISON OF TECHNOLOGICAL CHARACTERISTICS WITH THE PREDICATE DEVICES [807.92(A)(6)]

Tables 1 and 2 provides a comparison of the modified AcQMap System classification and indications for use against the predicate device. Table 3 provides a comparison of the technological characteristics for the modified AcQMap System against the predicate device.

| Table 1. Comparison of Classification with the Predicate Device | | | | |
|--|--|--|---------------------------------------|--|
| | Subject Device | Predicate Device | | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Rationale for Substantial Equivalence | |
| 510(k) Number | K212345 | K201015 | | |
| Classification/ Regulation Number/ Regulation Name/ Product Code | Class II/ 21 CFR § 870.1425/ Programable diagnostic computer/ DQK Class II/ 21 CFR § 892.1560/ Ultrasonic pulsed echo imaging system/ IYO, ITX | Class II/ 21 CFR § 870.1425/ Programable diagnostic computer/ DQK Class II/ 21 CFR § 892.1560/ Ultrasonic pulsed echo imaging system/ IYO, ITX | Identical | |

| | Table 2. Comparison of Indications for Use with the Predicate Device | | | |
|---------------------|---|---|---------------------------|--|
| | Subject Device | Predicate Device | Rationale for Substantial | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Equivalence | |
| 510(k) Number | K212345 | K201015 | | |
| Indications for Use | The AcQMap System is intended for use in patients for whom electrophysiology procedures have been prescribed. | The AcQMap System is intended for use in patients for whom electrophysiology procedures have been prescribed. | Identical | |
| | When used with the AcQMap Catheters, the AcQMap System is intended to be used to reconstruct the selected chamber from ultrasound data for purposes of visualizing the chamber anatomy and displaying electrical impulses as either charge density-based or voltage-based maps of complex arrhythmias that may be difficult to identify using conventional mapping systems alone. | When used with the AcQMap Catheters, the AcQMap System is intended to be used to reconstruct the selected chamber from ultrasound data for purposes of visualizing the chamber anatomy and displaying electrical impulses as either charge density-based or voltage-based maps of complex arrhythmias that may be difficult to identify using conventional mapping systems alone. | | |
| | AND When used with the specified Patient Electrodes, the AcQMap System is intended to display the position of AcQMap Catheters and conventional electrophysiology (EP) catheters in the heart. OR | AND When used with the specified Patient Electrodes, the AcQMap System is intended to display the position of AcQMap Catheters and conventional electrophysiology (EP) catheters in the heart. OR | | |
| | When used with conventional electrophysiology catheters, the AcQMap System provides information about the electrical activity of the heart and about catheter location during the procedure. | When used with conventional electrophysiology catheters, the AcQMap System provides information about the electrical activity of the heart and about catheter location during the procedure. | | |

| | Table 3: Comparison of Technological Characteristics Against the Predicate Device | | | |
|--|--|--|--|--|
| Characteristics | Subject Device AcQMap® High Resolution Imaging and Mapping System, Model 900100 | Predicate Device AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Rationale for Substantial Equivalence | |
| Patient Anatomy | Intracardiac Structures | Intracardiac Structures | Identical | |
| Testing to Support Substantial Equivalence | Software V/V Electromagnetic and Electrical Safety Verification Testing, Accuracy Testing, and Animal Testing | Software V/V Electromagnetic and Electrical Safety Verification Testing, Accuracy Testing, and Animal Testing | Identical | |
| System Safety Standards | IEC 60601-1:2005 /A1:2012 IEC 60601-1-2:2014 IEC 60601-1-6:2010/A1:2013 IEC 60601-2-25:2015 IEC 60601-2-37:2015 | IEC 60601-1:2005 /A1:2012 IEC 60601-1-2:2014 IEC 62366-1: 2015 IEC 60601-2-25:2015 IEC 60601-2-37:2015 | Different. IEC 60601-1-6: 2010/ A1: 2013 has been withdrawn and replaced with IEC 62366-1: 2015. | |
| Physical Characterist | ics | | | |
| System Components & Accessories | Console Workstation Workstation Cable Auxiliary Interface Box ECG Input Cable Ampere Ablation Catheter Adapter Cable Ampere RF Generator Adapter Cable ECG Output Cable Ablation Reference Cable Ablation Electrogram Cable ECG w/Snaps Cable ECG POST Cable 2mm Pin Jumper Set Patient Electrode Kit Ampere generator adapter SmartAblate generator adapter Maestro generator adapter | Console Workstation Workstation Cable Auxiliary Interface Box ECG Input Cable Ampere Ablation Catheter Adapter Cable Ampere RF Generator Adapter Cable ECG Output Cable Ablation Reference Cable Ablation Electrogram Cable ECG w/Snaps Cable ECG POST Cable 2mm Pin Jumper Set Patient Electrode Kit | All system components are identical, except the new accessories. Verification testing on the new accessories demonstrates that the AcQMap System and the new accessories perform as intended. There are no different questions of safety or effectiveness. | |

| | Table 3: Comparison of Technological Characteristics Against the Predicate Device | | | | |
|-----------------|--|---|---------------------------|--|--|
| | Subject Device | Predicate Device | Rationale for Substantial | | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Equivalence | | |
| | Adapter Cable- Short - Ablation Adapter Adapter Cable- Long - Ablation Adapter SmartAblate Adapter Cable - Catheter Maestro Adapter Cable - Generator | | | | |

| | Table 3: Comparison of Technological Characteristics Against the Predicate Device (Continued) | | | | |
|---|--|--|---------------------------|--|--|
| | Subject Device | Predicate Device | Rationale for Substantial | | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Equivalence | | |
| Visual/Mapping Characteristics | 3-D cardiac chamber reconstructions – Contact and non-contact (ultrasound); Three-dimensional position of the AcQMap Catheter and conventional electrophysiology catheters; Cardiac electrical activity as waveform traces; Contact LAT and voltage amplitude maps; Remapping of the chamber at any time during the procedure; Dynamic, three-dimensional, Charge Density maps overlaid on the cardiac chamber reconstruction to show chamber-wide electrical activation. | 3-D cardiac chamber reconstructions – Contact and non-contact (ultrasound); Three-dimensional position of the AcQMap Catheter and conventional electrophysiology catheters; Cardiac electrical activity as waveform traces; Contact LAT and voltage amplitude maps; Remapping of the chamber at any time during the procedure; Dynamic, three-dimensional, Charge Density maps overlaid on the cardiac chamber reconstruction to show chamber-wide electrical activation. | Identical | | |
| Visualization Device/Catheter | AcQMap Catheter (electrodes & transducers) or Conventional electrophysiology catheters | AcQMap Catheter (electrodes & transducers) or Conventional electrophysiology catheters | Identical | | |
| Physical Characteristics – Console/Amplifier Comparison | | | | | |

| | Table 3: Comparison of Technological Characteristics Against the Predicate Device (Continued) | | | | |
|-------------------|---|---|--|--|--|
| | Subject Device | Predicate Device | D. C. L. C. C. L. C. L. | | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Rationale for Substantial Equivalence | | |
| Dimensions | 99 cm L x 58 cm W x 76 cm D | 99 cm L x 58 cm W x 76 cm D | Identical | | |
| Weight Maximum | 80 kg | 80 kg | | | |
| Power Requirement | 100-127 VAC, 50/60 Hz, 220-230 VAC, 50 Hz | 100-127 VAC, 50/60 Hz, 220-230 VAC, 50 Hz | | | |
| Input Current | 4.6 A | 4.6 A | | | |
| Fuse protection | 250 V, 6.3A, two high breaking capacity fuses | 250 V, 6.3A, two high breaking capacity fuses | | | |

| | Table 3: Comparison of Technological Characteristics Against the Predicate Device (Continued) | | | | |
|--|---|---|---------------------------|--|--|
| | Subject Device | Predicate Device | Rationale for Substantial | | |
| Characteristics | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | Equivalence | | |
| System Specificat | tions | | | | |
| Safety Information | IEC 60601-1, Class I, Type Defibrillator Protected CF, continuous operation, no sterilization, equipment not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide | IEC 60601-1, Class I, Type Defibrillator Protected CF, continuous operation, no sterilization, equipment not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide | Identical | | |
| Ingress Protection | The Console is rated IP20 | The Console is rated IP20 | Identical | | |
| Functional and Performance Characteristics | | | | | |
| Ultrasound Output | Frequency: 10 MHz+/-400 kHz Maximum Voltage: 50V p-p | Frequency: 10 MHz+/-400 kHz Maximum Voltage: 50V p-p | Identical | | |

| | Maximum Power: 1 W peak | Maximum Power: 1 W peak | |
|---------------------------|---|---|-----------|
| Ultrasound Performance | Single operating mode Thermal Index less than 1.0 | Single operating mode Thermal Index less than 1.0 | Identical |
| | Mechanical Index less than 1.0 | Mechanical Index less than 1.0 | |
| Localization | Frequency: Variable 15 kHz to 50 kHz | Frequency: Variable 15 kHz to 50 kHz | Identical |
| Output | Maximum current: 1.2mA | Maximum current: 1.2mA | |
| ECG & EGM | | Bandwidth: 0.05 Hz to 500 Hz | Identical |
| Input | Resolution: +/-1uV | Resolution: +/-1uV | |
| | Timing Accuracy: +/-1.6 microsecond | Timing Accuracy: +/-1.6 microsecond | |

| Table 3: Comparison of Technological Characteristics Against the Predicate Device (Continued) | | | |
|---|---|---|---------------------------------------|
| Characteristics | Subject Device | Predicate Device | Rationale for Substantial Equivalence |
| | AcQMap® High Resolution Imaging and Mapping System, Model 900100 | AcQMap® High Resolution Imaging and Mapping System, Model 900100 (K201015) | |
| Front Panel Connections | | | |
| AcQMap Catheter | Custom, black, Defibrillator Protected Type CF | Custom, black, Defibrillator Protected Type CF | Identical |
| ECG Input | 12-pin, latching, red, Defibrillator Protected Type BF | 12-pin, latching, red, Defibrillator Protected Type BF | Identical |
| ECG Output | 14-pin, latching, blue | 14-pin, latching, blue | Identical |
| Auxiliary Interface Box | Custom, green, Defibrillator Protected Type CF | Custom, green, Defibrillator Protected Type CF | Identical |
| AcQRef Introducer Sheath or Electrical Reference Catheter | 1, 2mm female, yellow, Defibrillator Protected Type CF | 1, 2mm female, yellow, Defibrillator Protected Type CF | Identical |
| Localization Reference Electrodes | 6, 2-pin, square, multi-color, Defibrillator Protected Type BF | 6, 2-pin, square, multi-color, Defibrillator Protected Type BF | Identical |
| Patient Reference Electrode | 1, 2-pin, square, blue, Defibrillator Protected Type BF | 1, 2-pin, square, blue, Defibrillator Protected Type BF | Identical |
| Ablation Generator | 10-pin, latching, grey | 10-pin, latching, grey | Identical |
| Ablation Catheter | 10-pin, latching, grey, Defibrillator Protected Type CF | 10-pin, latching, grey, Defibrillator Protected Type CF | Identical |
| Ablation Reference | 1, 2mm, female, black, Defibrillator Protected Type BF | 1, 2mm, female, black, Defibrillator Protected Type BF | Identical |
| Ablation Electrogram Interface | 1, 13-pin, latching, white | 1, 13-pin, latching, white | Identical |

SUBSTANTIAL EQUIVALENCE

The AcQMap System is intended to reconstruct the physiology and display the anatomic and electrical data in the same way. These modifications are to include the below new accessories to facilitate connectivity between the cleared AcQMap High Resolution Imaging and Mapping System and some commercially available compatible RF Ablation Generators.

- Generator adapters and
- Adapter cables

The changes submitted in this 510(k) do not impact the hardware and software of the original AcQMap System, Model 900100. The indications for use of the subject device are identical to those of the predicate device. Any differences in the technological characteristics between the devices do not raise any different questions of safety or effectiveness. Thus, the modified AcQMap High Resolution Imaging and Mapping System, Model 900100, is substantially equivalent to the predicate device.

PERFORMANCE DATA [807.92(b)]

All necessary bench testing was conducted on the modified AcQMap System to support a determination of substantial equivalence to the predicate device. The necessary clinical testing was completed for the original AcQMap System (K170948) and is incorporated by reference. No further clinical testing is required to support the subject device.

NONCLINICAL TESTING SUMMARY [807.92(b)(1)]

The necessary bench testing was performed on the modified AcQMap High Resolution Imaging and Mapping System, Model 900100 to ensure that it conforms to the design specifications and to support a determination of substantial equivalence to the predicate device.

The following bench testing was repeated for the modified device:

- Third party system Compatibility with AcQMap system, Model 900100 Testing
- System RF Attenuation characterization
- Therapeutic Waveform Fidelity Assessment
- Safety Testing
- Packaging Testing
- Inspection and Labeling Review
- Common Mode Choke (CMC) performance verification Testing
- In-vitro Localization Accuracy Study

The balance of testing is incorporated by reference to the original AcQMap System 510(k), includes the following:

- Transportation Testing
- AcQMap Verification Testing
- System Accuracy Testing
- Electromagnetic Compatibility and Electrical Safety Testing
- AcQMap Catheter Validation Testing-Animal Study

- Accuracy Validation Testing Animal Study
- Software Verification and Validation
- Clinical Simulation (Reliability)
- Map Accuracy Evaluation

The modified AcQMap High Resolution Imaging and Mapping System, Model 900100 was tested to verify that the device meets the established performance specifications. The collective results of the testing demonstrate that the design of the modified AcQMap High Resolution Imaging and Mapping System, Model 900100 meets its established performance specifications necessary for performance during its intended use.

The collective results of the nonclinical testing, either repeated for the modified device or incorporated by reference to the original AcQMap System 510(k), demonstrate that the materials chosen, the manufacturing processes, and design of the modified AcQMap High Resolution Imaging and Mapping System, Model 900100 meet the established specifications necessary for consistent performance during its intended use. In addition, the collective bench testing demonstrates that the proposed device does not raise different questions of safety or effectiveness when compared to the predicate device.

CLINICAL TESTING SUMMARY [807.92(b)(2)]

As discussed above, no further clinical testing is required to support the modified AcQMap High Resolution Imaging and Mapping System, Model 900100. The necessary clinical testing was completed for the original AcQMap System (K170948) and is incorporated by reference. That study, entitled, "Dipole Density Right (and left) Atrial Mapping and Assessment of Therapy In Complex Supraventricular Tachycardia, (DDRAMATIC-SVT)" was a prospective, non-randomized, open-label study conducted at eight clinical sites outside the U.S. The results for 84 patients demonstrated that the AcQMap System is substantially equivalent to the predicate device.

CONCLUSIONS [807.92(b)(3)]

Extensive nonclinical performance testing, either repeated for the modified device or incorporated by reference to the original AcQMap System 510(k), was conducted on the AcQMap High Resolution Imaging and Mapping System, Model 900100 to evaluate the overall performance of the device. The clinical validation of the original AcQMap System (K170948) is applicable to the modified device. The collective results demonstrate that the modified AcQMap System, Model 900100 is substantially equivalent to the predicate device.

SUMMARY

Based on the performance testing and the technological characteristics, it can be concluded that the modified AcQMap[®] High Resolution Imaging and Mapping System, Model 900100 is substantially equivalent to the predicate device.