



St. Jude Medical Cardiac Rhythm  
Management Division (CRMD)  
15900 Valley View Court  
Sylmar, CA 91342 USA  
Main 818 362 6822  
Fax 818 364 5814

2019-10-15

TUV SUD America Inc.  
10 Centennial Drive  
Peabody, MA 01960, USA

Dear Sir or Madam,

We, St. Jude Medical 15900 Valley View Court Sylmar, CA 91342, hereby certify the differences described below for all model families listed are valid and true.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Perry Li".

Name: Perry Li

Title: Staff Engineer, R&D

| Product Name  | Model Differences                                                                                                                                                                                 |                                                                                                                                                                                                   |                                                                                                                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | VR                                                                                                                                                                                                | DR                                                                                                                                                                                                | CRT-D (HF)                                                                                                                                                                                        |
| Avant™        | CDVRA700Q<br>• Tested Model (Baseline)                                                                                                                                                            | CDDRA700Q<br>• Test Model (Baseline)                                                                                                                                                              | CDHFA700Q<br>• Tested Model (Baseline)                                                                                                                                                            |
| Neutrino™ NxT | CDVRA800Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDDRA800Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDHFA800Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    |
| Gallant™      | CDVRA500Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDDRA500Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDHFA500Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    |
| Neutrino™ NxT | CDVRA600Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDDRA600Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    | CDHFA600Q<br>• No hardware or software difference from baseline.<br>• Different product name and model number.                                                                                    |
| Entrant™      | CDVRA300Q<br>• Software change to accommodate different therapy settings.<br>• No change to RF software.<br>• No hardware difference from baseline.<br>• Different product name and model number. | CDDRA300Q<br>• Software change to accommodate different therapy settings.<br>• No change to RF software.<br>• No hardware difference from baseline.<br>• Different product name and model number. | CDHFA300Q<br>• Software change to accommodate different therapy settings.<br>• No change to RF software.<br>• No hardware difference from baseline.<br>• Different product name and model number. |