

Wireless Charging interface of the Apple Watch reverse engineered - Specification available for nok9 customers

CATS II now Compatible with new “Rainbow” standard as well as Qi

SEATTLE, Washington, November 7, 2016: nok9 AB, the world leader in complete reference test equipment for wireless charging announced that it has published two documents detailing specifications of a wireless charging standard dubbed “Rainbow”.

The new “Rainbow” standard was found to be compatible with current Apple devices equipped with built-in wireless charging, namely the Apple Watch series 1 and 2.

The company simultaneously announced an update for their CATS II platform that enables it to perform compliance tests on products designed to be compatible with Rainbow, as well as the Qi standard.

The two documents comprise a three-part specification for the new standard, compiled through exhaustive research and development by nok9.

Parts 1 and 2 contain an architectural overview of the charging solution and protocol specifics, including its design considerations, recommendations and limits.

Part 3 of the specification lists all the test cases required to verify compliance of any product with the Rainbow standard, all of which can now be performed with the upgraded CATS II test system.

“The wireless charging industry is growing fast, but compatibility is key. The Rainbow standard focuses on harmonizing different interface standards, which is a great step forward for the industry as a whole. Certified by the WPC for the Qi standard and now compatible with the Rainbow standard as well, our CATS II platform bears the distinction of the most powerful testing and diagnostic tools available,” said Laurens Swaans, Chief Technology Officer of nok9.

nok9 has over 25 years of experience in standardization and reference test equipment for wireless charging and optical media. Its CATS I and CATS II systems are the only test instruments certified by the Wireless Power Consortium (WPC).

nok9 test tools are now compatible with the following standards:



Adhering to the latest specifications from the WPC, **Qi** is the world's most widely compatible wireless charging standard



The **Rainbow** standard is developed by nok9 and compatible with wireless charging products from Apple

For more information on nok9, visit **nok9.com**.

For media enquiries, please contact Marco Lischnewski at ml@nok9.com.