



## NEWS RELEASE

### **NI Strategic Business Development Director Joins Open RF Association Board**

**BEAVERTON, OR, U.S. – April 5, 2022** – The [Open RF Association](#) (OpenRF™), an industry consortium dedicated to creating an open 5G ecosystem of interoperable hardware and software across member multi-mode RF (radio frequency) front-end and chipset platforms, today announced that Chen Chang, Strategic Business Development Director at NI (formerly National Instruments), has joined its board of directors. NI, a leading developer of automated test and measurement systems, joins Broadcom, Intel, MediaTek, Murata, Qorvo and Samsung Electronics on the Open RF Association Board of Directors.

“I am pleased to welcome Chen Chang and NI to the OpenRF Board of Directors,” said Open RF Association President Kevin Schoenrock. “Chang has been instrumental in establishing the OpenRF compliance program. His industry knowledge and commitment to developing an open 5G ecosystem are a tremendous contribution to the OpenRF Board.”

Chang has been leading OpenRF’s Working Group 5: Compliance, which is focused on developing a robust compliance program to help members increase interoperability and improve the cost, efficiency, and time-to-market of OEM wireless devices. The working group plans to have a full OpenRF compliance program for both software API and hardware in place by the end of 2022.

“I am honored to join other industry leaders serving on the OpenRF Board of Directors to accelerate 5G innovation and adoption,” said Chang. “The OpenRF Association enables the industry to drive the proliferation of RF Integrated Circuit (RFIC) suppliers through the consortium, pushing for better test and measurement solutions within the 5G RFIC Supply Chain.”

Chang has over 15 years of tech startup and corporate experience as an entrepreneur and business leader, working in both the United States and China. Chang was the co-founder and Chief Executive Officer at BEEcube Inc., which was acquired by National Instruments in 2015. He joined NI with a breadth of expertise spanning sales, marketing, product management,

operations and engineering across various markets from ASIC design, 5G wireless prototyping, electronics and semiconductor testing.

## **Join Open RF**

The Open RF Association recently released its initial [Version 1.0.0 Specification](#) to members, providing the groundwork for RF front-end to chipset interoperability. Membership is open to anyone involved in the manufacturing of smartphone chipsets, RF front-end products, OEM vendors and related industry companies. Members receive access to all specifications and can help shape the future of OpenRF through involvement in the five different [working groups](#). Membership consists of three levels: Strategic, General and Associate. Learn about the membership benefits and download the membership application on the [OpenRF website](#).

## **About OpenRF**

The Open RF Association (OpenRF) is an industry consortium dedicated to creating a 5G ecosystem of functionally interoperable hardware and software across member multi-mode RF front-end and chipset platforms. OpenRF is led by industry leaders Broadcom, Intel, MediaTek, NI, Murata Manufacturing, Qorvo, and Samsung. For more information, visit [www.OpenRF.com](http://www.OpenRF.com).

## **About NI**

At NI, we bring together people, ideas and technology so forward thinkers and creative problem solvers can take on humanity's biggest challenges. From data and automation to research and validation, we provide the tailored, software-connected systems engineers and enterprises need to Engineer Ambitiously™ every day. For more information, visit <https://www.ni.com/>.

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