



Overcoming Test Challenges of 5G New Radio **Fred Pan, National Instruments**

With the formalization of the 3GPP Release 15 specifications, engineers are increasingly developing 5G New Radio (5G NR) RFICs. With wider bandwidth than previous 4G technology, new spectrum below 6 GHz and at millimeter wave frequencies, and new waveforms, 5G NR presents unique test challenges. In this presentation, get an update on the 3GPP 5G standardization process and what has been finalized for 5G. Also learn how device architectures are evolved for NR specification and what are the new testing challenges come with these changes. Finally, you can get information how you can overcome these challenges, and also you can see how other industry leaders are overcoming these challenges through some cases like Qorvo, Skyworks and so on.