# NINETEENTH ANNUAL

**Burn-in & Test Strategies Workshop** 

March 4 - 7, 2018

Hilton Phoenix / Mesa Hotel Mesa, Arizona

Archive

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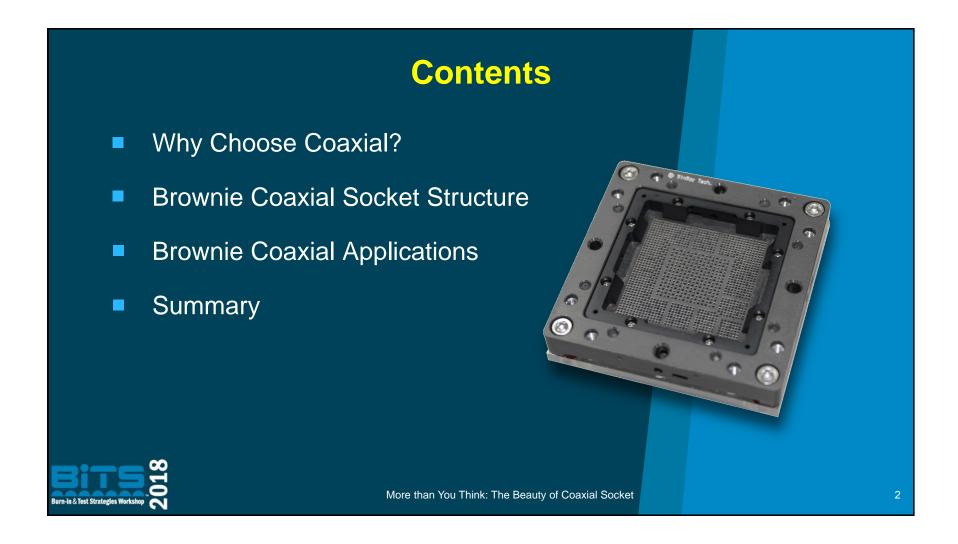
# More than You Think: The Beauty of Coaxial Socket

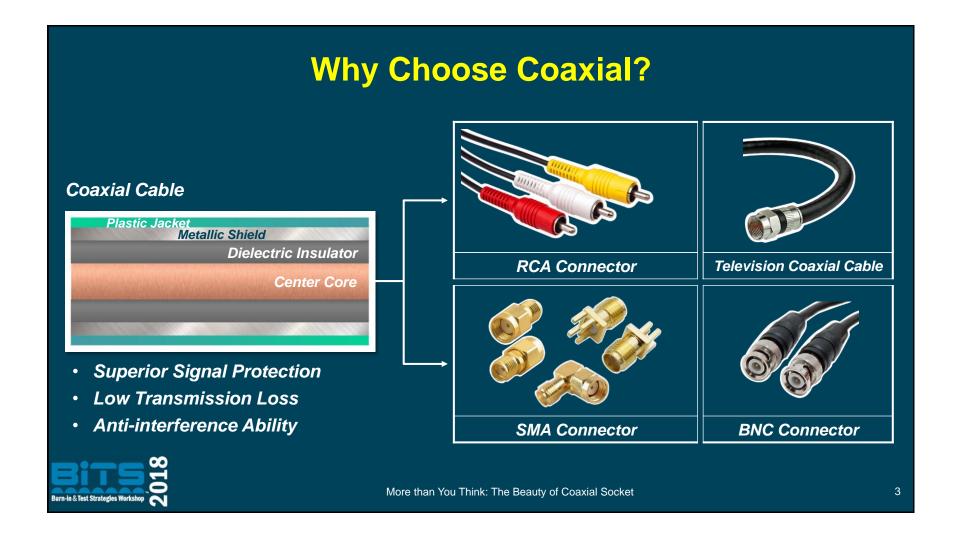
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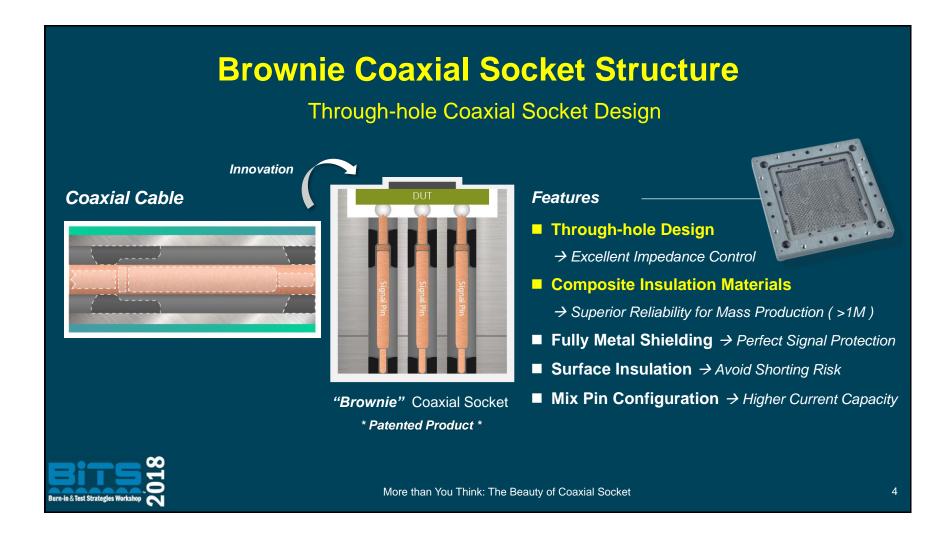


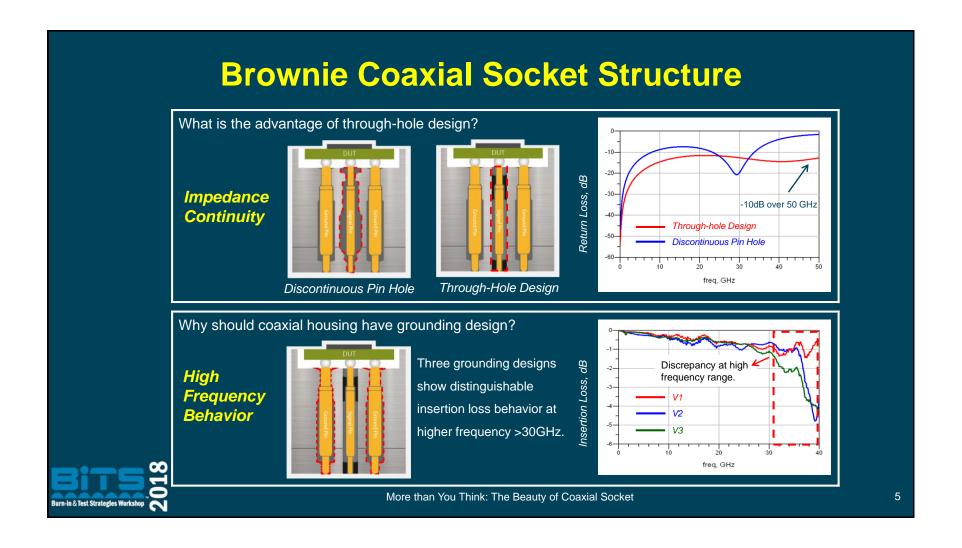
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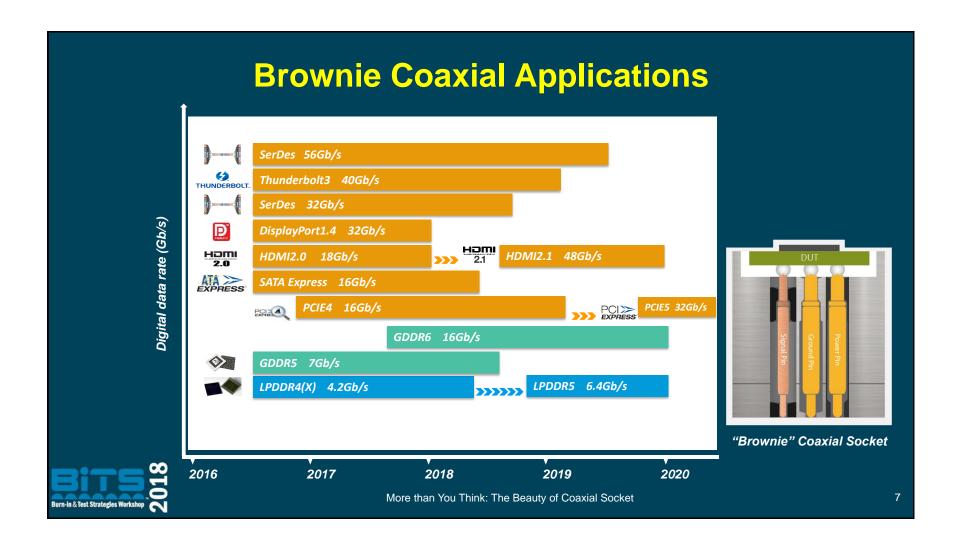


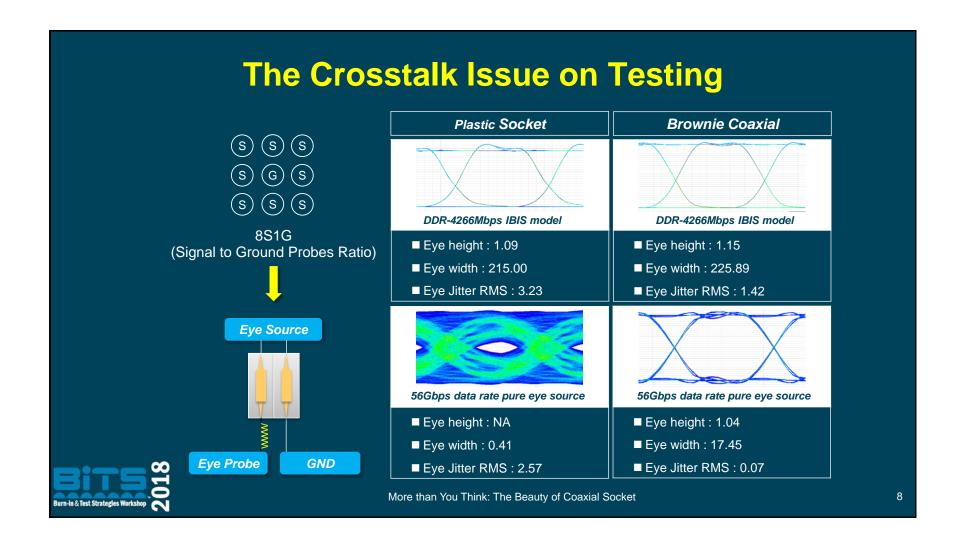


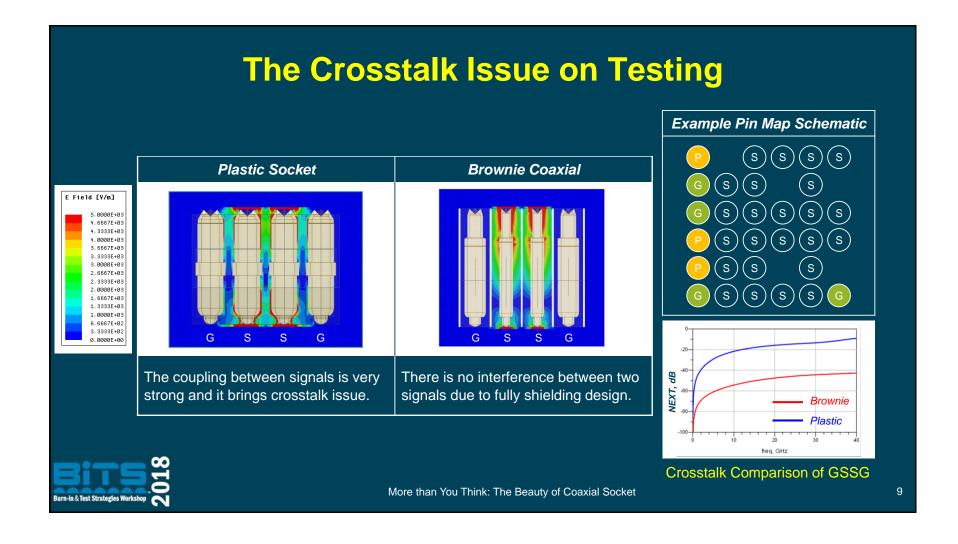


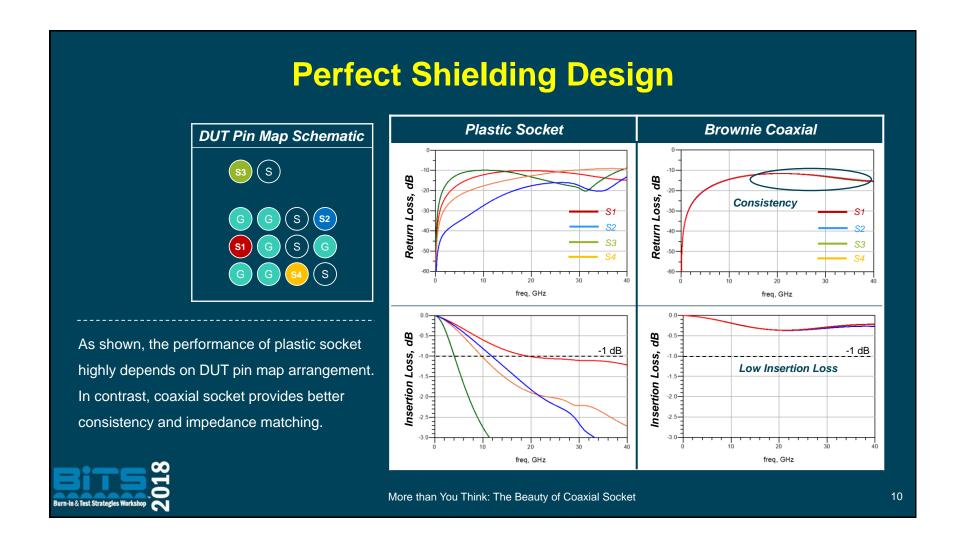




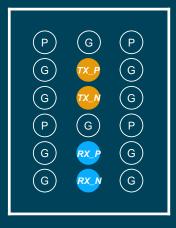








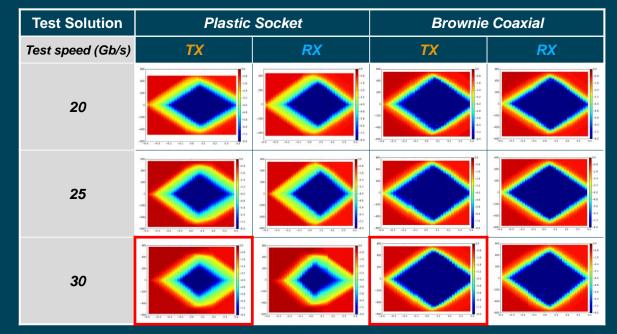
## **Actual High Speed Test Results**



■ Device pitch : 1.0mm

■ Test requirement : 30Gb/s

■ Application : Data Center

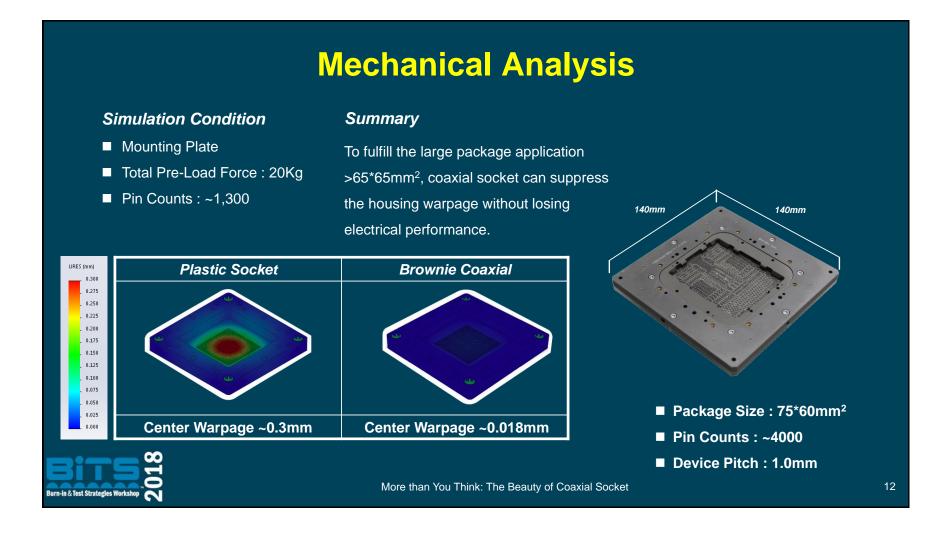


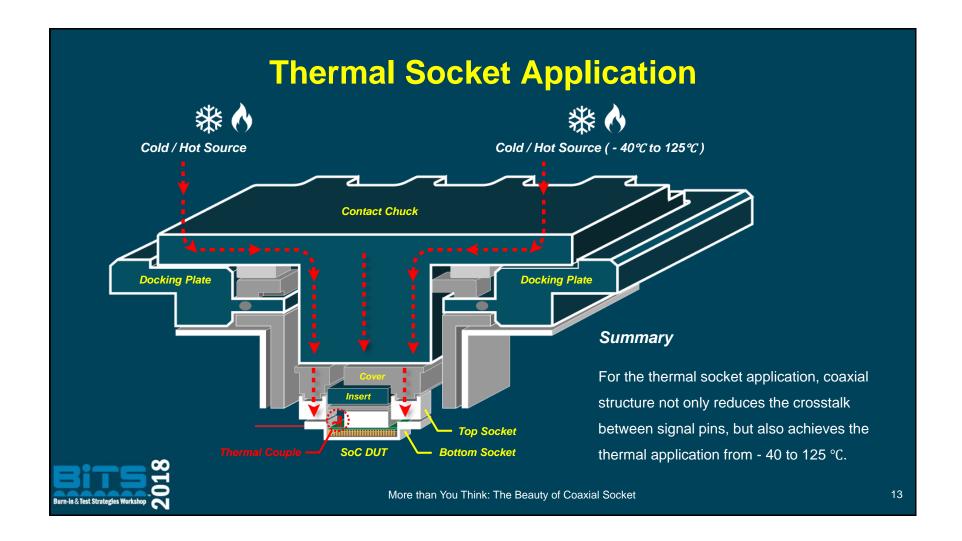
In test speed 30Gb/s, the eye height of Brownie coaxial(~1000mV) is twice than plastic socket(~500mV).

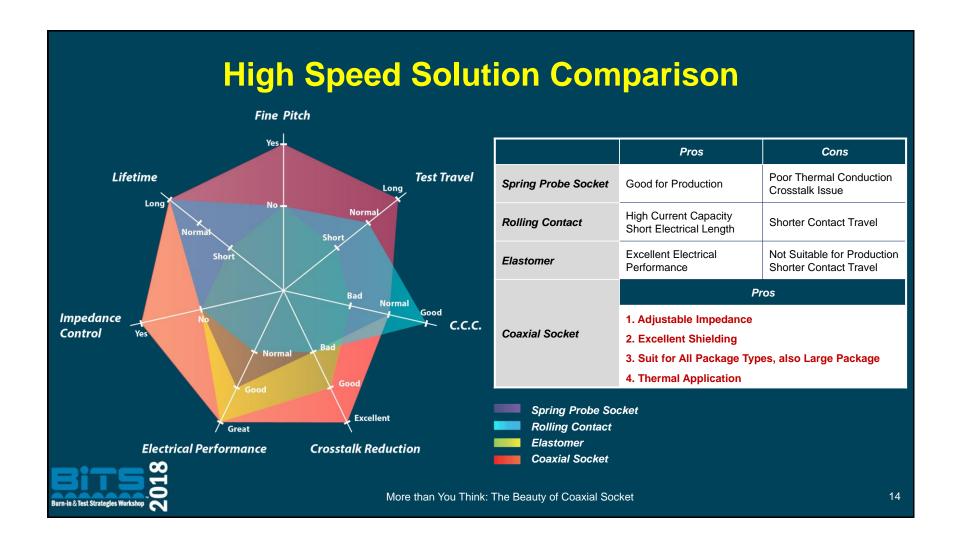


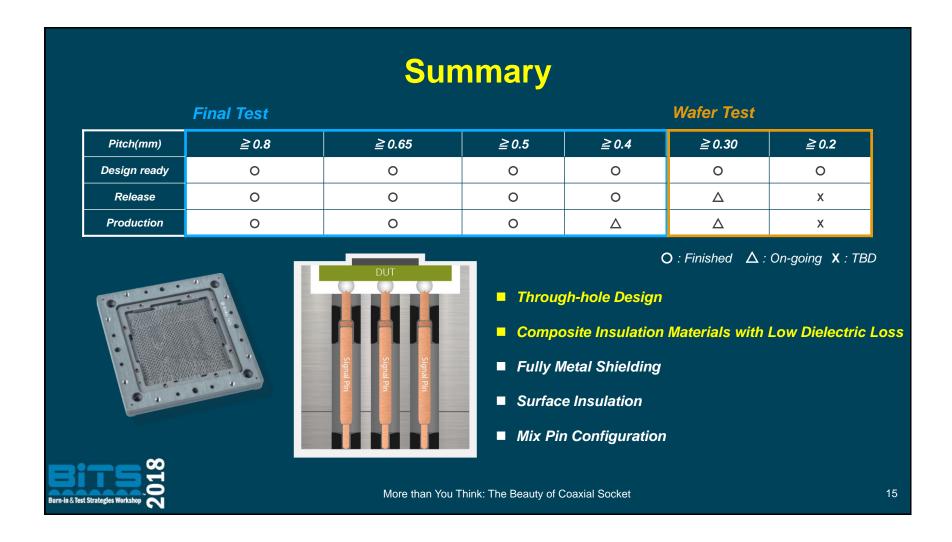
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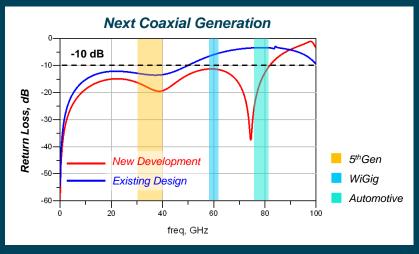


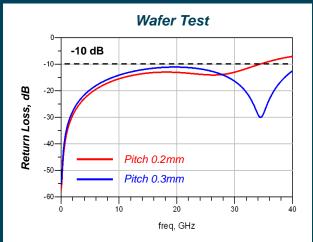




#### **Future Goals**

➤ In order to expand the applicability of Brownie coaxial, higher bandwidth up to 80GHz, and fine pitch solution down to pitch 0.2mm are also developing for the advance testing requirement in the future.







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