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Session 2 Presentation 2

TestConX China 2019

5G and mm-wave Test Challenges

Mass Production Solution: Coaxial Socket for 112 Gbps PAM4 **Collins Sun, Ryan Chen, Hayden Chen** WinWay Technology Co., Ltd. Test**ConX**中国 🧭 WinWay Shanghai - October 29, 2019

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5G and mm-wave Test Challenges

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Sir	mulation Re Channel Cor	Sult / Eye Dia nparison	agram	
	Brownie Coaxial	Elastomer	Plastic Socket	
56Gb/s NRZ		XXX		
Eye Height (mV)	114.25	117.05	68.31	
Jitter	7.75	8.57	9.21	
112Gb/s PAM4			Eye Closed	
Min.Eye Height (mV)	19.06 Simila	20.23	N/A	
Jitter	14.39 Performa	nce 14.50	N/A	
TestConX	Mass Producti	on Solution: Coaxial Socket for	112Gbps PAM4	2019

5G and mm-wave Test Challenges

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