

### SAS-2 Comprehensive Stressed Receiver Sensitivity Test

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#### **Proposed Jitter Budget**

#### • From 07-365r0





**Summary of Specifications from Link Budget** 

• Link Budget can be used to setup compliance test

		CR Point	
	Note	Units	
VMA	1	mV	300
BUJ (peak-to-peak)	2	U	0.035
RJ (peak-to-peak)	2	U	0.14
RI (peak-to-peak)	3	mV	50
TWDP	4	dBe	15.7
Notes			
1) Voltage Modulation Amplitude is measured at CR after the ISI generator.			
2) Jitter is measured at the input to the ISI generator.			
3) NEXT is calibrated at CR with the the device under test powered down, the test is run will all phy active with normal traffic.			
4) TWDP is the total of Tx waveform and ISI generator induced power penality.			



# Receiver Comprehensive Sensitivity Test





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#### Summary

- Overview of a Link Budget Based Comprehensive Receiver Compliance Test Provided.
- Calibration Method Reviewed
- Jitter Tolerance Test Proposed

