

Link Segment Measurements

- Provide frequency based data in magnitude and phase (degrees) format (s4p (STP,SPP) s2p (coax)). Provide files in Touchstone ver 1.
 - Minimum frequency: 1 MHz
 - Maximum frequency: 10 GHz required, 15 GHz preferred
 - Frequency step size: 1 MHz
 - IFBW: 10 KHz
- Provide time based data with phase from transmitting node
 - 200 ns time duration

Link Segments to Measure (up to 2 inlines and up to 11 m per objectives)

1st step

- 11 m cable assembly only

2nd step

- 0.9 m cable with 2 inlines (3, 0.3 m segments)
- 10 m cable with 2 inlines (1 m, 1 m, 8 m)
- 11 m cable with 2 inlines (1 m, 8 m, 2m)
- 11 m cable with 2 inlines (3, 3.67 m segments)



Link Segment Alien Crosstalk measurements

- To be determined later when more information is known on the cable types to be used and the connectors that meet the requirements.