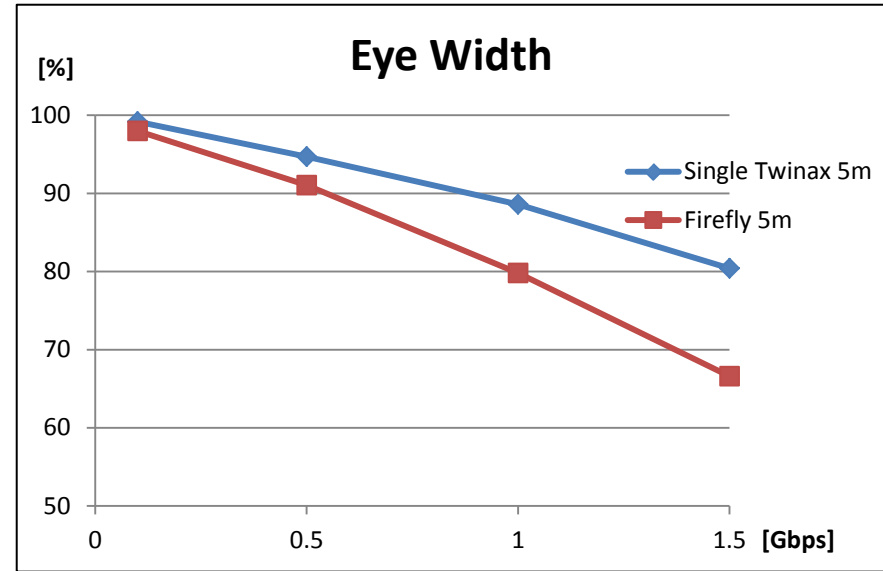
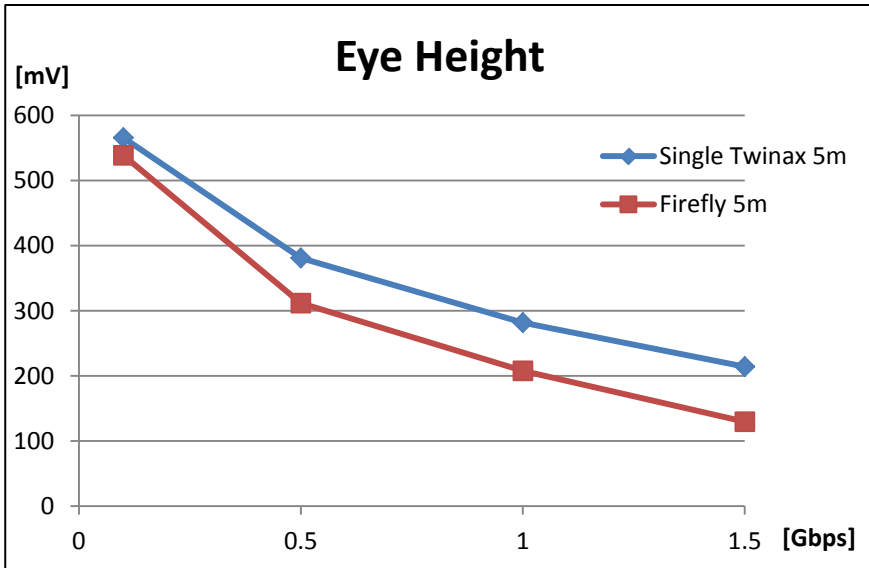
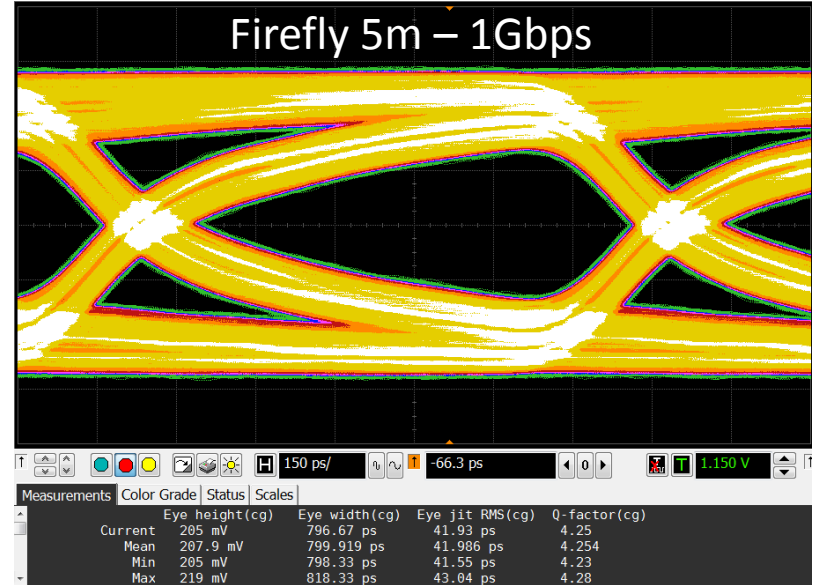
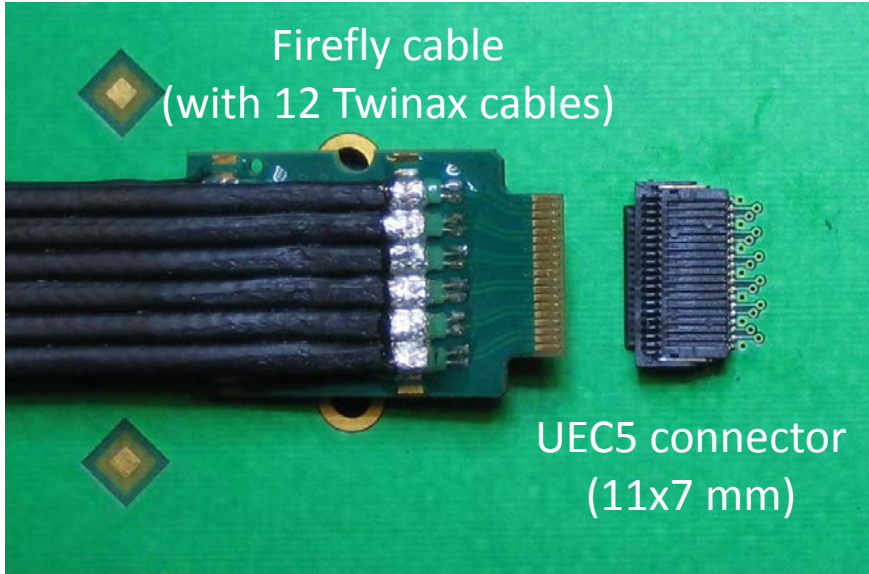


# Samtec Firefly cable 5m and UEC5 connector (measured with 2 UEC5-SMA adapters) and single Twinax cable 5m (without connectors)



# Element Contents

Layer L1 - Polyolefine Megolon S-344

Layer L2 - Silver plated copper braid

Layer L3 - Copper tape

Layer L4 - Low density PE

Layer L5 - Copper conductors

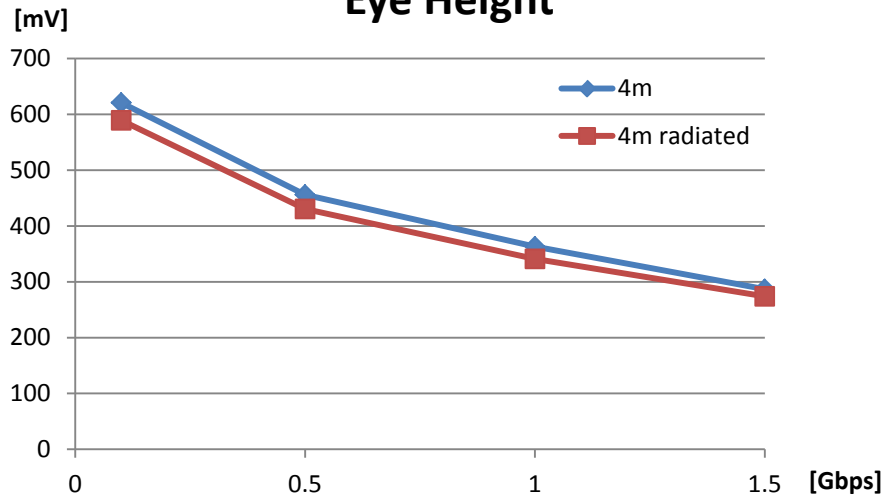
Instrumental Neutron Activation Analysis of Dedicated ITS/MFT Samtec Cable:

Sample	Cl, mg kg <sup>-1</sup>	Br, mg kg <sup>-1</sup>	I, mg kg <sup>-1</sup>	Al, %	S, %
L1	9.95 ± 1.51	< 0.8	< 0.3	18.1 ± 1.0	< 0.07
L4	224 ± 2	< 0.3	< 0.1	< 0.075	< 0.04

**New Samtec cable is safely within specification of standard IEC 61249-2-21.**

## Radiation test (2.7 Mrad)

### Eye Height



### Eye Width

