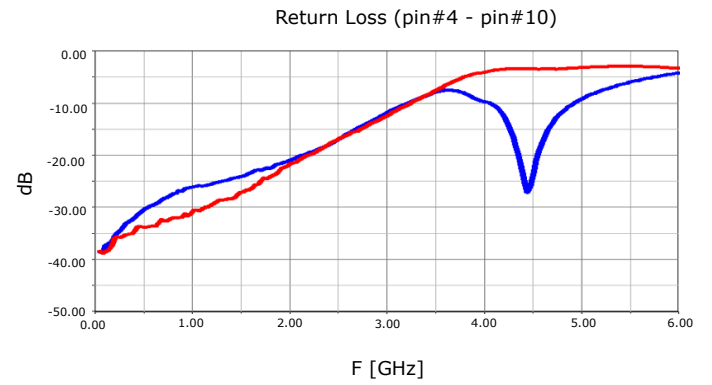
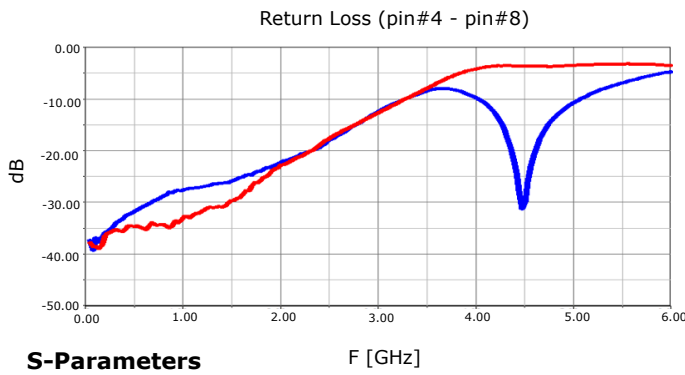
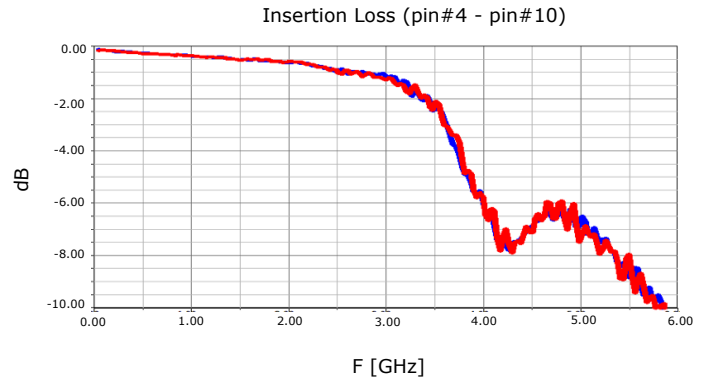
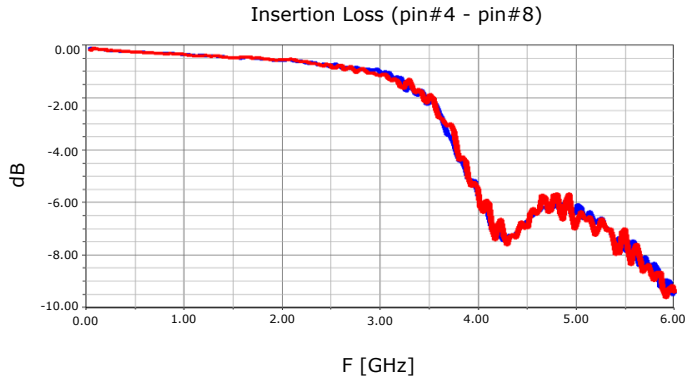
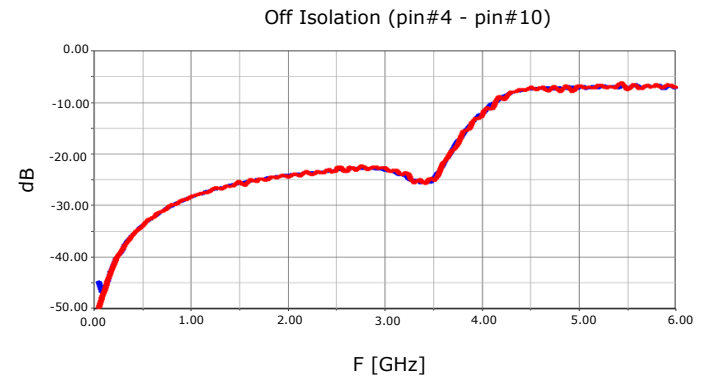
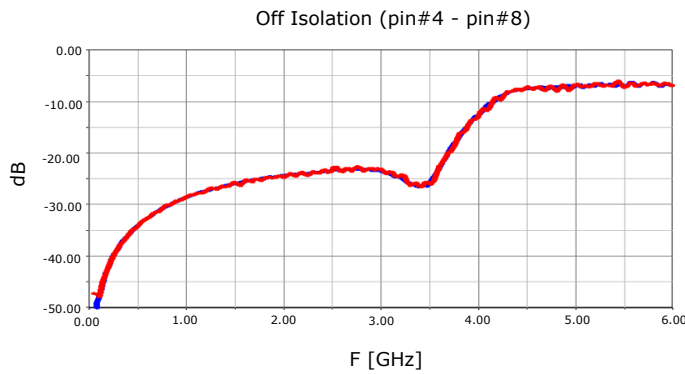
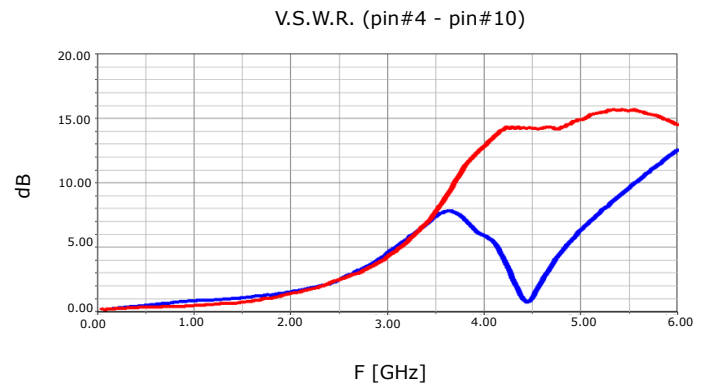
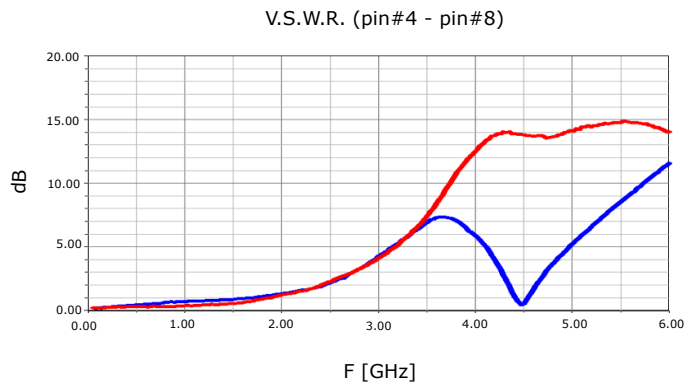


## S-Parameters



## S-Parameters

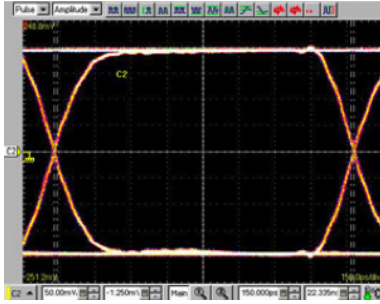


Notes: Reference data of MGT-E105H

# Eye Diagram

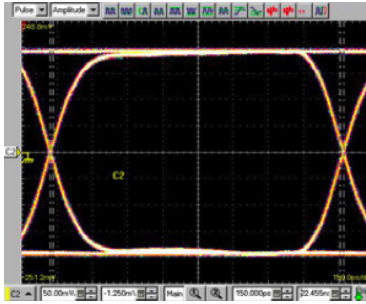
Through Fixture

Rise Time:  $\approx 250$ ps, Bit Rate: 800Mb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



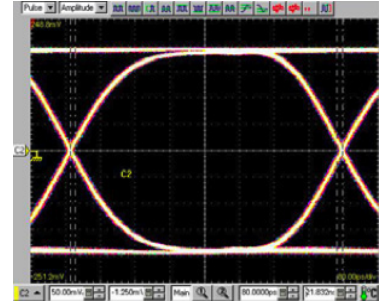
MGT-E105H with Fixture: pin#4-pin#8

Rise Time:  $\approx 250$ ps, Bit Rate: 800Mb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



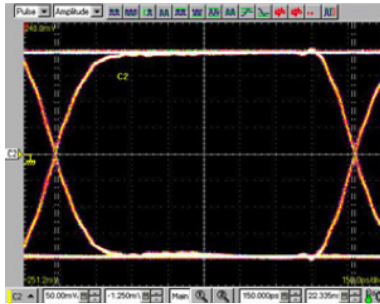
MGT-E105H with Fixture: pin#4-pin#8

Rise Time:  $\approx 250$ ps, Bit Rate: 1.6Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



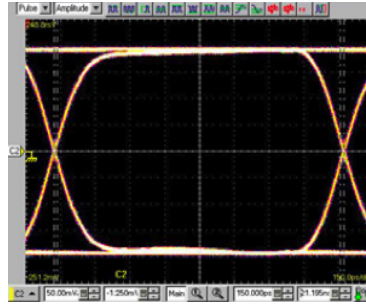
Through Fixture

Rise Time:  $\approx 250$ ps, Bit Rate: 800Mb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



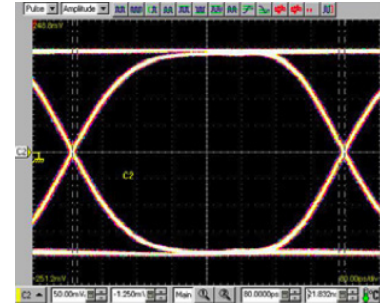
MGT-E105H with Fixture: pin#4-pin#10

Rise Time:  $\approx 250$ ps, Bit Rate: 800Mb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



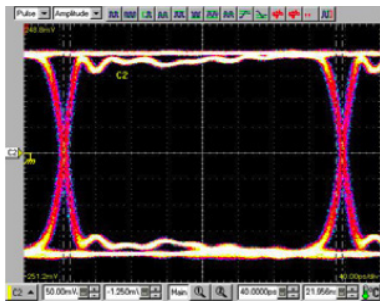
MGT-E105H with Fixture: pin#4-pin#10

Rise Time:  $\approx 250$ ps, Bit Rate: 1.6Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



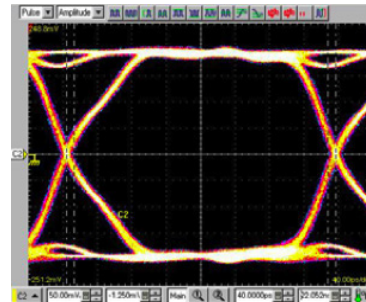
Through Fixture

Rise Time:  $\approx 30$ ps, Bit Rate: 3.2Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



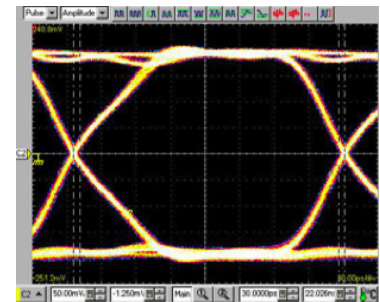
MGT-E105H with Fixture: pin#4-pin#8

Rise Time:  $\approx 30$ ps, Bit Rate: 3.2Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



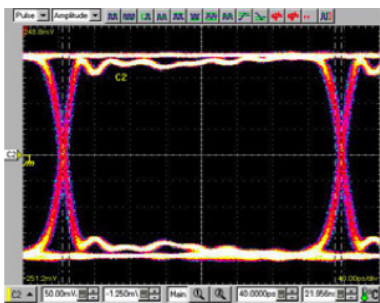
MGT-E105H with Fixture: pin#4-pin#8

Rise Time:  $\approx 30$ ps, Bit Rate: 4.25Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



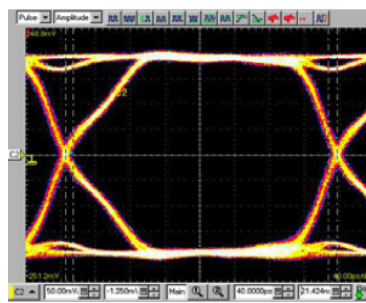
Through Fixture

Rise Time:  $\approx 30$ ps, Bit Rate: 3.2Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



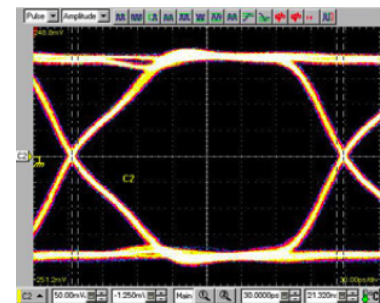
MGT-E105H with Fixture: pin#4-pin#10

Rise Time:  $\approx 30$ ps, Bit Rate: 3.2Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



MGT-E105H with Fixture: pin#4-pin#10

Rise Time:  $\approx 30$ ps, Bit Rate: 4.25Gb/s  
 PRBS ( Pseudo Random Bit Sequence ):  $2^{10}-1$



Notes: Reference data of MGT-E105H