

CI 91 SC 91.7 P22 L37 # 1050  
 Pathak, Vijay Kawasaki Microelectro

Comment Type TR Comment Status D  
 Jitter at TP1-4 for PR10,PR20,PR30,PRX10,PRX20,PRX30 (informative)

SuggestedRemedy  
 Should be defined for TP1-TP8 . To be filled in once agreed upon by the group

Proposed Response Response Status O

CI 91 SC Figure 91-3 P11 L115 # 1046  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 Both Downstream and Upstream test points are marked TP1-TP4

SuggestedRemedy  
 Upstream test points should be labeled TP5-TP8 to distinguish them from down stream TP1-TP4

Proposed Response Response Status O

CI 91 SC Figure 91-xx P L # 1055  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 Jitter gain curve values for 10GBASE-PRX10,PRX20,PRX30

DS 10G > US 1G

Jitter transfer curves not defined

SuggestedRemedy  
 Assuming "jitter transfer' corner frequency 2X of receiver corner frequency, jitter gain curve should have Fc=1.274 MHz , P=0.3 dB and 20dB/decade roll off

Formula for calculation of jitter transfer should be  
 Jitter transfer = 20 log [Jitter on upstream signal(UI)/(Jitter on downstream signal (UI) \* 8.25)]

Proposed Response Response Status O

CI 91 SC Figure 91-xx P L # 1054  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 Jitter gain curve values for 10G BASE -PR10,PR20 and PR30

DS 10G > US 10G jitter transfer

Not defined

SuggestedRemedy  
 Assuming "jitter transfer' corner frequency 2X of receiver corner frequency, jitter gain curve should have Fc=8 MHz , P=0.3 dB and 20dB/decade roll off

Proposed Response Response Status O

CI 91 SC Table 91-11 P20 L14 # 1049  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 ONU PMD receive characteristics : Stressed eye jitter :TBD

SuggestedRemedy  
 Follow the spec defined in 10G-BASE-R 'Table 52-9--10G BASE-S receive characteristics'

Modify parameter to Stressed Eye Jitter (min) = 0.3 UI

Proposed Response Response Status O

CI 91 SC Table 91-11 P20 L1617 # 1052  
 Pathak, Vijay Kawasaki Microelectro

Comment Type ER Comment Status D  
 Jitter corner frequency for a sinusoidal jitter

SuggestedRemedy  
 This seems to be a typo . It should be 4 MHz. It was agreed in January meeting

Proposed Response Response Status O

CI 91 SC Table 91-11 P20 L 1819 # 1053  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 ONU PMD Receive characteristics : Sinusoidal jitter limits for stressed receiver  
 conformance test( min,max) :TBD

SuggestedRemedy  
 It should be Max=0.15 UI, Min= 0.05 UI

Proposed Response Response Status O

CI 91 SC Table 91-7 P16 L 3031 # 1048  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 OLT PMD Receive Characteristics (1G) : Sinusoidal jitter limits for stressed receiver  
 conformance (min,max) was left TBD

SuggestedRemedy  
 Max =0.15 UI, Min =0.05 UI

Proposed Response Response Status O

CI 91 SC Table 91-5 P13 L 5051 # 1051  
 Pathak, Vijay Kawasaki Microelectro

Comment Type TR Comment Status D  
 Transmitter Eye mask definition {X1,X2,Y1,Y2,Y3} was left TBD

SuggestedRemedy  
 Follow the spec defined in 10G-BASE-R Table 52-7---10G BASE-S Transmit  
 characteristics. Transmitter Eye mask Definition {X1,X2,X3,Y1,Y2,Y3}=  
 {0.25,0.40,0.45,0.25,0.28,0.40}. Parameter X3 should be added to the specifications

Proposed Response Response Status O

CI 91 SC Table 91-6 P15 L 3031 # 1047  
 Pathak, Vijay Kawasaki Microelectro

Comment Type T Comment Status D  
 OLT PMD Receive Characteristics (10G) : Sinusoidal jitetr limits for stressed receiver  
 conformance test ( min,max) are left TBD

SuggestedRemedy  
 Max=0.15 UI , Min =0.05 UI

Proposed Response Response Status O