FAQ_1 : PON ER *(FA division)*

Q1. For the parameter - *MAC Address Limitation in PON*, does EUT have to be conformance tested?

Ans: The test report should exhibit that the data stream is received from the number of streams specified.

Q2. What is the condition for applicability of the parameter - *Over voltage current protection on 2W*, for PON family of broadband equipment?

Ans: Compliance of this test parameter is required only if port is connected to external lines e.g., in case of xDSL lines. It is further elaborated that in case of any PON variant, if it has only 2W interface and no ADSL/VDSL/G.Fast interface then this parameter will not be applicable.

Q3. For the parameter - *Password Based authentication in PON*, does EUT have to be conformance tested?

Ans: The test report should exhibit that Password based authentication is supported.

Q4. For PON variants, in case EUT has DC port but is tested with AC-DC adapter then which parameter and test standard is applicable for - *Immunity against voltage dips and short interruptions*?

Ans: If test has been conducted with AC-DC adapter, the test standard IEC 61000-4-11 will apply though EUT has DC port.

Q5. For PON products, testing of all classes of optical link budget is required or not?

Ans. Applicant requires to support and submit test report for any of the optical class out of given optical classes A/B/B+/C/C+/D. Optical class against which test is performed should be mentioned in test report.