**Test and Commissioning Results For**

**FIBRE MODEM OPTIMUX**

|  |  |  |  |
| --- | --- | --- | --- |
| **Site A** |  | **Site B** |  |
| **Fibre Distance** |  | **Date** |  |

|  |  |
| --- | --- |
| Link type & Capacity |  |
| Link configuration |  |
| Interface type |  |
| Fibre type |  |

**Serial numbers of installed equipment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Optimux** | **Part Number/Type** | **Manufactured Date** | **Serial Number** | **Software Version** |
|  |  |  |  |  |
|  |  |  |  |  |

**Serial numbers of test equipment used**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Asset number** | **Serial number** | **Calibration date** |
| **Power Meter** |  |  |  |
| **Optical attenuator** |  |  |  |

**MEASURED RESULTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site A :** | | | | |
| Initial settings | Specified power |  | Measured Power TX |  |
| Alarms | Link failure |  | AIS Generation |  |
|  | AIS ALM |  | Alarm Contacts |  |
| Measured RX level | | dBm |  | |
| Attenuation Level | | dB |  | |
| Receiver Sensitivity | | dBm |  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Site B** | | | | |
| Initial settings | Specified power |  | Measured Power TX |  |
| Alarms | Link failure |  | AIS Generation |  |
|  | AIS ALM |  | Alarm Contacts |  |
| Measured RX level | | dBm |  | |
| Attenuation Level | | dB |  | |
| Receiver Sensitivity | | dBm |  | |

**BER TEST**

|  |  |  |  |
| --- | --- | --- | --- |
| **Site A:** | | | |
| Bit Error Rate | Length of test | s | (>86 400 s) |
|  | Number of errors |  | <1 |
| System Margin | Predicted | dB |  |
|  | Measured | dB |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Site B** | | | |
| Bit Error Rate | Length of test | s | (>86 400 s) |
|  | Number of errors |  | <1 |
| System Margin | Predicted | dB |  |
|  | Measured | dB |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Conducted by: | Name |  | Signature |  |
| Accepted by: | Name |  | Signature |  |