



## Reference - Fault Type and Fault Tags for Fault Profile Template

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## Reference - Fault Type and Fault Tags for Fault Profile Template

For profile management, Fault-Profile-Definition and Fault-Profile-Apply templates are available. While deploying these templates, in the **Input Values** window you need to enter the applicable fault tags for the selected fault type from the following table:

| Fault Type | Fault Tag   |
|------------|---|
| HW_GFP     | GFP_RX_CSF_NE_30_SEC<br>GFP_RX_LFD_NE_30_SEC<br>GFP_RX_CRC_NE_30_SEC<br>GFP_RX_INV_TYP_NE_30_SEC<br>GFP_RX_BIT_ERR_NE_30_SEC<br>GFP_RX_CSF_NE_1_DAY<br>GFP_RX_LFD_NE_1_DAY<br>GFP_RX_CRC_NE_1_DAY<br>GFP_RX_INV_TYP_NE_1_DAY<br>GFP_RX_BIT_ERR_NE_1_DAY<br>GFP_RX_CSF_NE_15_MINS<br>GFP_RX_LFD_NE_15_MINS<br>GFP_RX_CRC_NE_15_MINS<br>GFP_RX_INV_TYP_NE_15_MINS<br>GFP_RX_BIT_ERR_NE_15_MINS<br>GFP_UPM<br>GFP_LOCCS<br>GFP_LOCS<br>GFP_LFD |

| Fault Type  | Fault Tag |
|-------------|-----------|
| HW_ETHERNET |           |

| Fault Type | Fault Tag   |
|------------|---|
|            | TX_UTILIZATION_NE_15_MINS<br>TX_UTILIZATION_NE_30_SEC<br>RX_UTILIZATION_NE_1_DAY<br>RX_UTILIZATION_NE_15_MINS<br>RX_UTILIZATION_NE_30_SEC<br>TX_BAD_FCS_NE_30_SEC<br>TX_JABBER_NE_30_SEC<br>TX_FRAGMENTS_NE_30_SEC<br>TX_OVERSIZED_PKT_NE_30_SEC<br>TX_UNDERSIZED_PKT_NE_30_SEC<br>OUT_PKTS_1024_1518_OCTETS_NE_30_SEC<br>OUT_PKTS_512_1023_OCTETS_NE_30_SEC<br>OUT_PKTS_256_511_OCTETS_NE_30_SEC<br>OUT_PKTS_128_255_OCTETS_NE_30_SEC<br>OUT_PKTS_65_127OCTETS_NE_30_SEC<br>OUT_PKT_64_OCTET_NE_30_SEC<br>IN_PKTS_1024_1518_OCTETS_NE_30_SEC<br>IN_PKTS_512_1023_OCTETS_NE_30_SEC<br>IN_PKTS_256_511_OCTETS_NE_30_SEC<br>IN_PKTS_128_255_OCTETS_NE_30_SEC<br>IN_PKTS_65_127OCTETS_NE_30_SEC<br>IN_PKT_64_OCTET_NE_30_SEC<br>IN_ERROR_OTHER_NE_30_SEC<br>IN_ERROR_FRAGMENTS_NE_30_SEC<br>IN_ERROR_JABBERS_NE_30_SEC<br>IN_ERROR_RUNT_NE_30_SEC<br>IN_ERROR_GIANT_NE_30_SEC<br>OUT_ERROR_OTHER_NE_30_SEC<br>OUT_DROP_OTHER_NE_30_SEC<br>OUT_DROP_ABORT_NE_30_SEC<br>OUT_DROP_UNDERRUN_NE_30_SEC<br>OUT_GOOD_PKTS_NE_30_SEC<br>OUT_PKTS_1519_MAX_OCTETS_NE_30_SEC |

| Fault Type | Fault Tag  |
|------------|--|
|            | OUT_PAUSE_FRAMES_NE_30_SEC<br>OUT_802_1Q_FRAMES_NE_30_SEC<br>OUT_GOOD_BYTES_NE_30_SEC<br>TX_BAD_FCS_NE_15_MINS<br>TX_JABBER_NE_15_MINS<br>TX_FRAGMENTS_NE_15_MINS<br>TX_OVERSIZED_PKT_NE_15_MINS<br>TX_UNDERSIZED_PKT_NE_15_MINS<br>OUT_PKTS_1024_1518_OCTETS_NE_15_MINS<br>OUT_PKTS_512_1023_OCTETS_NE_15_MINS<br>OUT_PKTS_256_511_OCTETS_NE_15_MINS<br>OUT_PKTS_128_255_OCTETS_NE_15_MINS<br>OUT_PKTS_65_127OCTETS_NE_15_MINS<br>OUT_PKT_64_OCTET_NE_15_MINS<br>IN_PKTS_1024_1518_OCTETS_NE_15_MINS<br>IN_PKTS_512_1023_OCTETS_NE_15_MINS<br>IN_PKTS_256_511_OCTETS_NE_15_MINS<br>IN_PKTS_128_255_OCTETS_NE_15_MINS<br>IN_PKTS_65_127OCTETS_NE_15_MINS<br>IN_PKT_64_OCTET_NE_15_MINS<br>IN_ERROR_OTHER_NE_15_MINS<br>IN_ERROR_FRAGMENTS_NE_15_MINS<br>IN_ERROR_JABBERS_NE_15_MINS<br>IN_ERROR_RUNT_NE_15_MINS<br>IN_ERROR_GIANT_NE_15_MINS<br>OUT_ERROR_OTHER_NE_15_MINS<br>OUT_DROP_OTHER_NE_15_MINS<br>OUT_DROP_ABORT_NE_15_MINS<br>OUT_DROP_UNDERRUN_NE_15_MINS<br>OUT_GOOD_PKTS_NE_15_MINS<br>OUT_PKTS_1519_MAX_OCTETS_NE_15_MINS<br>OUT_PAUSE_FRAMES_NE_15_MINS<br>OUT_802_1Q_FRAMES_NE_15_MINS |

| Fault Type | Fault Tag  |
|------------|--|
|            | OUT_GOOD_BYTES_NE_15_MINS<br>TX_BAD_FCS_NE_1_DAY<br>TX_JABBER_NE_1_DAY<br>TX_FRAGMENTS_NE_1_DAY<br>TX_OVERSIZED_PKT_NE_1_DAY<br>TX_UNDERSIZED_PKT_NE_1_DAY<br>OUT_PKTS_1024_1518_OCTETS_NE_1_DAY<br>OUT_PKTS_512_1023_OCTETS_NE_1_DAY<br>OUT_PKTS_256_511_OCTETS_NE_1_DAY<br>OUT_PKTS_128_255_OCTETS_NE_1_DAY<br>OUT_PKTS_65_127OCTETS_NE_1_DAY<br>OUT_PKT_64_OCTET_NE_1_DAY<br>IN_PKTS_1024_1518_OCTETS_NE_1_DAY<br>IN_PKTS_512_1023_OCTETS_NE_1_DAY<br>IN_PKTS_256_511_OCTETS_NE_1_DAY<br>IN_PKTS_128_255_OCTETS_NE_1_DAY<br>IN_PKTS_65_127OCTETS_NE_1_DAY<br>IN_PKT_64_OCTET_NE_1_DAY<br>IN_ERROR_OTHER_NE_1_DAY<br>IN_ERROR_FRAGMENTS_NE_1_DAY<br>IN_ERROR_JABBERS_NE_1_DAY<br>IN_ERROR_RUNT_NE_1_DAY<br>IN_ERROR_GIANT_NE_1_DAY<br>OUT_ERROR_OTHER_NE_1_DAY<br>OUT_DROP_OTHER_NE_1_DAY<br>OUT_DROP_ABORT_NE_1_DAY<br>OUT_DROP_UNDERRUN_NE_1_DAY<br>OUT_GOOD_PKTS_NE_1_DAY<br>OUT_PKTS_1519_MAX_OCTETS_NE_1_DAY<br>OUT_PAUSE_FRAMES_NE_1_DAY<br>OUT_802_1Q_FRAMES_NE_1_DAY<br>OUT_GOOD_BYTES_NE_1_DAY<br>IN_ERROR_SYMBOL_NE_30_SEC |

| Fault Type | Fault Tag   |
|------------|---|
|            | IN_ERROR_COLLISIONS_NE_30_SEC<br>IN_MIB_CRC_NE_30_SEC<br>IN_MIB_JABBER_NE_30_SEC<br>IN_MIB_GIANT_NE_30_SEC<br>IN_DROP_OTHER_NE_30_SEC<br>IN_DROP_INVALID_ENCAP_NE_30_SEC<br>IN_DROP_INVALID_DMAC_NE_30_SEC<br>IN_DROP_INVALID_VLAN_NE_30_SEC<br>IN_DROP_ABORT_NE_30_SEC<br>IN_DROP_OVERRUN_NE_30_SEC<br>IN_GOOD_PKTS_NE_30_SEC<br>IN_PKTS_1519_MAX_OCTETS_NE_30_SEC<br>IN_802_1Q_FRAMES_NE_30_SEC<br>IN_GOOD_BYTES_NE_30_SEC<br>IN_PAUSE_FRAME_NE_30_SEC<br>IN_ERROR_SYMBOL_NE_15_MINS<br>IN_ERROR_COLLISIONS_NE_15_MINS<br>IN_MIB_CRC_NE_15_MINS<br>IN_MIB_JABBER_NE_15_MINS<br>IN_MIB_GIANT_NE_15_MINS<br>IN_DROP_OTHER_NE_15_MINS<br>IN_DROP_INVALID_ENCAP_NE_15_MINS<br>IN_DROP_INVALID_DMAC_NE_15_MINS<br>IN_DROP_INVALID_VLAN_NE_15_MINS<br>IN_DROP_ABORT_NE_15_MINS<br>IN_DROP_OVERRUN_NE_15_MINS<br>IN_GOOD_PKTS_NE_15_MINS<br>IN_PKTS_1519_MAX_OCTETS_NE_15_MINS<br>IN_802_1Q_FRAMES_NE_15_MINS<br>IN_GOOD_BYTES_NE_15_MINS<br>IN_PAUSE_FRAME_NE_15_MINS<br>IN_ERROR_SYMBOL_NE_1_DAY<br>IN_ERROR_COLLISIONS_NE_1_DAY |

| Fault Type | Fault Tag   |
|------------|---|
|            | IN_MIB_CRC_NE_1_DAY<br>IN_MIB_JABBER_NE_1_DAY<br>IN_MIB_GIANT_NE_1_DAY<br>IN_DROP_OTHER_NE_1_DAY<br>IN_DROP_INVALID_ENCAP_NE_1_DAY<br>IN_DROP_INVALID_DMAC_NE_1_DAY<br>IN_DROP_INVALID_VLAN_NE_1_DAY<br>IN_DROP_ABORT_NE_1_DAY<br>IN_DROP_OVERRUN_NE_1_DAY<br>IN_GOOD_PKTS_NE_1_DAY<br>IN_PKTS_1519_MAX_OCTETS_NE_1_DAY<br>IN_802_1Q_FRAMES_NE_1_DAY<br>IN_GOOD_BYTES_NE_1_DAY<br>IN_PAUSE_FRAME_NE_1_DAY<br>OUT_BCAST_PKTS_NE_30_SEC<br>Tx_PKTS_NE_30_SEC<br>IFIN_ERRORS_NE_30_SEC<br>IFIN_OCTETS_NE_30_SEC<br>ETHER_STAT_MULTICAST_PKT_NE_30_SEC<br>ETHER_STAT_BROADCAST_PKT_NE_30_SEC<br>ETHER_STAT_UNDERSIZED_PKT_NE_30_SEC<br>OUT_OCTETS_NE_30_SEC<br>LONG_FRAME_NE_30_SEC<br>FCS_ERR_NE_30_SEC<br>OVERSIZE_PKTS_NE_30_SEC<br>STATS_OCTETS_NE_30_SEC<br>STAT_PKTS_NE_30_SEC<br>RX_PKTS_NE_30_SEC<br>JABBERS_STATS_NE_30_SEC<br>PKT_65_127_OCTETS_NE_30_SEC<br>PKT_64_OCTETS_NE_30_SEC<br>PKT_512_1023_OCTETS_NE_30_SEC<br>PKT_256_511_OCTETS_NE_30_SEC |



| Fault Type | Fault Tag   |
|------------|---|
|            | PKT_128_255_OCTETS_NE_30_SEC<br>PKT_1024_1518_OCTETS_NE_30_SEC<br>OUT_UCAST_PKTS_NE_30_SEC<br>OUT_MCAST_PKTS_NE_30_SEC<br>IN_UCAST_PKTS_NE_30_SEC<br>IN_MCAST_PKTS_NE_30_SEC<br>IN_BCAST_PKTS_NE_30_SEC<br>OUT_BCAST_PKTS_NE_1_DAY<br>OUT_BCAST_PKTS_NE_15_MINS<br>Tx_PKTS_NE_1_DAY<br>Tx_PKTS_NE_15_MINS<br>IFIN_ERRORS_NE_1_DAY<br>IFIN_ERRORS_NE_15_MINS<br>IFIN_OCTETS_NE_1_DAY<br>IFIN_OCTETS_NE_15_MINS<br>ETHER_STAT_MULTICAST_PKT_NE_1_DAY<br>ETHER_STAT_MULTICAST_PKT_NE_15_MINS<br>ETHER_STAT_BROADCAST_PKT_NE_1_DAY<br>ETHER_STAT_BROADCAST_PKT_NE_15_MINS<br>ETHER_STAT_UNDERSIZED_PKT_NE_1_DAY<br>ETHER_STAT_UNDERSIZED_PKT_NE_15_MINS<br>OUT_OCTETS_NE_15_MINS<br>OUT_OCTETS_NE_1_DAY<br>LONG_FRAME_NE_1_DAY<br>LONG_FRAME_NE_15_MINS<br>FCS_ERR_NE_1_DAY<br>FCS_ERR_NE_15_MINS<br>OVERSIZE_PKTS_NE_1_DAY<br>OVERSIZE_PKTS_NE_15_MINS<br>STATS_OCTETS_NE_1_DAY<br>STATS_OCTETS_NE_15_MINS<br>STAT_PKTS_NE_1_DAY<br>STAT_PKTS_NE_15_MINS |

| Fault Type | Fault Tag  |
|------------|--|
|            | RX_PKTS_NE_1_DAY<br>RX_PKTS_NE_15_MINS<br>JABBERS_STATS_NE_1_DAY<br>JABBERS_STATS_NE_15_MINS<br>PKT_65_127_OCTETS_NE_1_DAY<br>PKT_65_127_OCTETS_NE_15_MINS<br>PKT_64_OCTETS_NE_1_DAY<br>PKT_64_OCTETS_NE_15_MINS<br>PKT_512_1023_OCTETS_NE_1_DAY<br>PKT_512_1023_OCTETS_NE_15_MINS<br>PKT_256_511_OCTETS_NE_1_DAY<br>PKT_256_511_OCTETS_NE_15_MINS<br>PKT_128_255_OCTETS_NE_1_DAY<br>PKT_128_255_OCTETS_NE_15_MINS<br>PKT_1024_1518_OCTETS_NE_1_DAY<br>PKT_1024_1518_OCTETS_NE_15_MINS<br>OUT_UCAST_PKTS_NE_1_DAY<br>OUT_UCAST_PKTS_NE_15_MINS<br>OUT_MCAST_PKTS_NE_1_DAY<br>OUT_MCAST_PKTS_NE_15_MINS<br>IN_UCAST_PKTS_NE_1_DAY<br>IN_UCAST_PKTS_NE_15_MINS<br>IN_MCAST_PKTS_NE_1_DAY<br>IN_MCAST_PKTS_NE_15_MINS<br>IN_BCAST_PKTS_NE_1_DAY<br>IN_BCAST_PKTS_NE_15_MINS<br>ETHER_AS_MT<br>ETHER_SYNCLOSS<br>ETHER_SIGLOSS<br>ETHER_RF<br>ETHER_LF<br>ETHER_SQUELCHED<br>ETHER_HIBER |

| Fault Type        | Fault Tag |
|-------------------|-----------|
| HW_SDH_CONTROLLER |           |

| Fault Type | Fault Tag  |
|------------|--|
|            | STM_UAS_L_NE_1_DAY<br>STM_UAS_L_NE_15_MINS<br>STM_BBER_L_NE_1_DAY<br>STM_BBER_L_NE_15_MINS<br>STM_BBE_L_NE_1_DAY<br>STM_BBE_L_NE_15_MINS<br>STM_SESR_L_NE_1_DAY<br>STM_SESR_L_NE_15_MINS<br>STM_SES_L_NE_1_DAY<br>STM_SES_L_NE_15_MINS<br>STM_ESR_L_NE_1_DAY<br>STM_ESR_L_NE_15_MINS<br>STM_ES_L_NE_1_DAY<br>STM_ES_L_NE_15_MINS<br>STM_EB_L_NE_1_DAY<br>STM_EB_L_NE_15_MINS<br>STM_UAS_L_FE_1_DAY<br>STM_UAS_L_FE_15_MINS<br>STM_BBER_L_FE_1_DAY<br>STM_BBER_L_FE_15_MINS<br>STM_BBE_L_FE_1_DAY<br>STM_BBE_L_FE_15_MINS<br>STM_SESR_L_FE_1_DAY<br>STM_SESR_L_FE_15_MINS<br>STM_SES_L_FE_1_DAY<br>STM_SES_L_FE_15_MINS<br>STM_ESR_L_FE_1_DAY<br>STM_ESR_L_FE_15_MINS<br>STM_ES_L_FE_1_DAY<br>STM_ES_L_FE_15_MINS<br>STM_EB_L_FE_1_DAY<br>STM_EB_L_FE_15_MINS<br>STM_UAS_S_NE_1_DAY |

| Fault Type | Fault Tag   |
|------------|---|
|            | STM_UAS_S_NE_15_MINS<br>STM_BBE_S_NE_1_DAY<br>STM_BBE_S_NE_15_MINS<br>STM_SESR_S_NE_1_DAY<br>STM_SESR_S_NE_15_MINS<br>STM_ESR_S_NE_1_DAY<br>STM_ESR_S_NE_15_MINS<br>STM_ES_S_NE_1_DAY<br>STM_ES_S_NE_15_MINS<br>STM_SES_S_NE_1_DAY<br>STM_SES_S_NE_15_MINS<br>STM_EB_S_NE_1_DAY<br>STM_EB_S_NE_15_MINS<br>STM_BBER_S_NE_1_DAY<br>STM_BBER_S_NE_15_MINS<br>HO_VC_UASP_NE_1_DAY<br>HO_VC_UASP_NE_15_MINS<br>HO_VC_BBERP_NE_1_DAY<br>HO_VC_BBERP_NE_15_MINS<br>HO_VC_BBEP_NE_1_DAY<br>HO_VC_BBEP_NE_15_MINS<br>HO_VC_SESP_NE_1_DAY<br>HO_VC_SESP_NE_15_MINS<br>HO_VC_ESRP_NE_1_DAY<br>HO_VC_ESRP_NE_15_MINS<br>HO_VC_ESP_NE_1_DAY<br>HO_VC_SESRP_NE_1_DAY<br>HO_VC_SESRP_NE_15_MINS<br>HO_VC_ESP_NE_15_MINS<br>HO_VC_EBP_NE_1_DAY<br>HO_VC_EBP_NE_15_MINS<br>SDH_HO_SQUELCHED<br>SDH_SQUELCHED |

| Fault Type | Fault Tag  |
|------------|--|
|            | SDH_HO_AS_MT<br>SDH_AS_MT<br>SDH_TIM_RS<br>SDH_MS_DEG<br>SDH_MS_EXC<br>SDH_TIM_HP<br>SDH_RDI_HP<br>SDH_PLM_HP<br>SDH_UNEQ_HP<br>SDH_AIS_AU<br>SDH_LOP_AU<br>SDH_RDI_MS<br>SDH_AIS_MS<br>SDH_LOF_RS<br>SDH_LOS_RS |

| Fault Type | Fault Tag |
|------------|-----------|
| HW_SONET   |           |

| Fault Type | Fault Tag   |
|------------|---|
|            | OCN_UAS_L_FE_1_DAY<br>OCN_UAS_L_FE_15_MINS<br>OCN_BBE_L_FE_1_DAY<br>OCN_BBE_L_FE_15_MINS<br>OCN_SES_L_FE_1_DAY<br>OCN_SES_L_FE_15_MINS<br>OCN_ES_L_FE_1_DAY<br>OCN_ES_L_FE_15_MINS<br>OCN_CV_L_FE_1_DAY<br>OCN_CV_L_FE_15_MINS<br>OCN_FC_L_FE_1_DAY<br>OCN_FC_L_FE_15_MINS<br>OCN_FC_L_NE_1_DAY<br>OCN_FC_L_NE_15_MINS<br>OCN_UAS_L_NE_1_DAY<br>OCN_UAS_L_NE_15_MINS<br>OCN_BBE_L_NE_1_DAY<br>OCN_BBE_L_NE_15_MINS<br>OCN_SES_L_NE_1_DAY<br>OCN_SES_L_NE_15_MINS<br>OCN_ES_L_NE_1_DAY<br>OCN_ES_L_NE_15_MINS<br>OCN_CV_L_NE_1_DAY<br>OCN_CV_L_NE_15_MINS<br>OCN_SES_S_NE_1_DAY<br>OCN_SES_S_NE_15_MINS<br>OCN_ES_S_NE_1_DAY<br>OCN_ES_S_NE_15_MINS<br>OCN_CV_S_NE_1_DAY<br>OCN_CV_S_NE_15_MINS<br>OCN_SEFS_S_NE_1_DAY<br>OCN_UAS_S_NE_1_DAY<br>OCN_UAS_S_NE_15_MINS |



| Fault Type | Fault Tag  |
|------------|--|
|            | OCN_SEFS_S_NE_15_MINS<br>STS_UASP_FE_15_MINS<br>STS_UASP_NE_15_MINS<br>STS_UASP_FE_1_DAY<br>STS_UASP_NE_1_DAY<br>STS_SESP_FE_15_MINS<br>STS_SESP_NE_15_MINS<br>STS_SESP_FE_1_DAY<br>STS_SESP_NE_1_DAY<br>STS_ESP_FE_15_MINS<br>STS_ESP_NE_15_MINS<br>STS_ESP_FE_1_DAY<br>STS_ESP_NE_1_DAY<br>STS_CVP_FE_15_MINS<br>STS_CVP_NE_15_MINS<br>STS_CVP_FE_1_DAY<br>STS_CVP_NE_1_DAY<br>SONET_PATH_SQUELCHED<br>SONET_PATH_AS_MT<br>SONET_TIM_S<br>SONET_SD_BER<br>SONET_SF_BER<br>SONET_TIM_P<br>SONET_RDI_P<br>SONET_PLM_P<br>SONET_UNEQ_P<br>SONET_AIS_P<br>SONET_LOP_P<br>SONET_RDI_L<br>SONET_SQUELCHED<br>SONET_AS_MT<br>SONET_AIS_L<br>SONET_LOF_S |

| Fault Type | Fault Tag   |
|------------|-------------|
|            | SONET_LOS_S |

| Fault Type | Fault Tag |
|------------|-----------|
| HW_OPTICS  |           |

| Fault Type | Fault Tag  |
|------------|--|
|            | AMPLI_GAIN_TILT_MAX_NE_1_DAY<br>AMPLI_GAIN_TILT_MIN_NE_1_DAY<br>AMPLI_GAIN_MAX_NE_1_DAY<br>AMPLI_GAIN_MIN_NE_1_DAY<br>LOW_FREQ_OFF_MAX_NE_1_DAY<br>LOW_FREQ_OFF_MIN_NE_1_DAY<br>RX_SIG_POW_MAX_NE_1_DAY<br>RX_SIG_POW_MIN_NE_1_DAY<br>AMPLI_GAIN_TILT_MAX_NE_15_MINS<br>AMPLI_GAIN_TILT_MIN_NE_15_MINS<br>AMPLI_GAIN_MAX_NE_15_MINS<br>AMPLI_GAIN_MIN_NE_15_MINS<br>LOW_FREQ_OFF_MAX_NE_15_MINS<br>LOW_FREQ_OFF_MIN_NE_15_MINS<br>RX_SIG_POW_MAX_NE_15_MINS<br>RX_SIG_POW_MIN_NE_15_MINS<br>AMPLI_GAIN_TILT_MAX_NE_30_SEC<br>AMPLI_GAIN_TILT_MIN_NE_30_SEC<br>AMPLI_GAIN_MAX_NE_30_SEC<br>AMPLI_GAIN_MIN_NE_30_SEC<br>LOW_FREQ_OFF_MAX_NE_30_SEC<br>LOW_FREQ_OFF_MIN_NE_30_SEC<br>RX_SIG_POW_MAX_NE_30_SEC<br>RX_SIG_POW_MIN_NE_30_SEC<br>DGD_MIN_NE_30_SEC<br>DGD_MAX_NE_30_SEC<br>LASER_BIAS_PC_MAX_NE_30_SEC<br>LASER_BIAS_MAX_NE_30_SEC<br>RX_PWR_MAX_NE_30_SEC<br>TX_PWR_MAX_NE_30_SEC<br>PMD_MIN_NE_30_SEC<br>CD_MIN_NE_30_SEC<br>PN_MIN_NE_30_SEC |

| Fault Type | Fault Tag   |
|------------|---|
|            | PCR_MIN_NE_30_SEC<br>PDL_MIN_NE_30_SEC<br>OSNR_MIN_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE10_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE9_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE8_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE7_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE6_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE5_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE4_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE3_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE2_NE_30_SEC<br>LASER_BIAS_PC_MAX_LANE1_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE10_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE9_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE8_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE7_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE6_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE5_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE4_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE3_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE2_NE_30_SEC<br>LASER_BIAS_PC_MIN_LANE1_NE_30_SEC<br>LASER_BIAS_MAX_LANE10_NE_30_SEC<br>LASER_BIAS_MAX_LANE9_NE_30_SEC<br>LASER_BIAS_MAX_LANE8_NE_30_SEC<br>LASER_BIAS_MAX_LANE7_NE_30_SEC<br>LASER_BIAS_MAX_LANE6_NE_30_SEC<br>LASER_BIAS_MAX_LANE5_NE_30_SEC<br>LASER_BIAS_MAX_LANE4_NE_30_SEC<br>LASER_BIAS_MAX_LANE3_NE_30_SEC<br>LASER_BIAS_MAX_LANE2_NE_30_SEC<br>LASER_BIAS_MAX_LANE1_NE_30_SEC |

| Fault Type | Fault Tag  |
|------------|--|
|            | LASER_BIAS_MIN_LANE10_NE_30_SEC<br>LASER_BIAS_MIN_LANE9_NE_30_SEC<br>LASER_BIAS_MIN_LANE8_NE_30_SEC<br>LASER_BIAS_MIN_LANE7_NE_30_SEC<br>LASER_BIAS_MIN_LANE6_NE_30_SEC<br>LASER_BIAS_MIN_LANE5_NE_30_SEC<br>LASER_BIAS_MIN_LANE4_NE_30_SEC<br>LASER_BIAS_MIN_LANE3_NE_30_SEC<br>LASER_BIAS_MIN_LANE2_NE_30_SEC<br>LASER_BIAS_MIN_LANE1_NE_30_SEC<br>RX_PWR_MAX_LANE10_NE_30_SEC<br>RX_PWR_MAX_LANE9_NE_30_SEC<br>RX_PWR_MAX_LANE8_NE_30_SEC<br>RX_PWR_MAX_LANE7_NE_30_SEC<br>RX_PWR_MAX_LANE6_NE_30_SEC<br>RX_PWR_MAX_LANE5_NE_30_SEC<br>RX_PWR_MAX_LANE4_NE_30_SEC<br>RX_PWR_MAX_LANE3_NE_30_SEC<br>RX_PWR_MAX_LANE2_NE_30_SEC<br>RX_PWR_MAX_LANE1_NE_30_SEC<br>RX_PWR_MIN_LANE10_NE_30_SEC<br>RX_PWR_MIN_LANE9_NE_30_SEC<br>RX_PWR_MIN_LANE8_NE_30_SEC<br>RX_PWR_MIN_LANE7_NE_30_SEC<br>RX_PWR_MIN_LANE6_NE_30_SEC<br>RX_PWR_MIN_LANE5_NE_30_SEC<br>RX_PWR_MIN_LANE4_NE_30_SEC<br>RX_PWR_MIN_LANE3_NE_30_SEC<br>RX_PWR_MIN_LANE2_NE_30_SEC<br>RX_PWR_MIN_LANE1_NE_30_SEC<br>TX_PWR_MAX_LANE10_NE_30_SEC<br>TX_PWR_MAX_LANE9_NE_30_SEC<br>TX_PWR_MAX_LANE8_NE_30_SEC |

| Fault Type | Fault Tag   |
|------------|---|
|            | TX_PWR_MAX_LANE7_NE_30_SEC<br>TX_PWR_MAX_LANE6_NE_30_SEC<br>TX_PWR_MAX_LANE5_NE_30_SEC<br>TX_PWR_MAX_LANE4_NE_30_SEC<br>TX_PWR_MAX_LANE3_NE_30_SEC<br>TX_PWR_MAX_LANE2_NE_30_SEC<br>TX_PWR_MAX_LANE1_NE_30_SEC<br>TX_PWR_MIN_LANE10_NE_30_SEC<br>TX_PWR_MIN_LANE9_NE_30_SEC<br>TX_PWR_MIN_LANE8_NE_30_SEC<br>TX_PWR_MIN_LANE7_NE_30_SEC<br>TX_PWR_MIN_LANE6_NE_30_SEC<br>TX_PWR_MIN_LANE5_NE_30_SEC<br>TX_PWR_MIN_LANE4_NE_30_SEC<br>TX_PWR_MIN_LANE3_NE_30_SEC<br>TX_PWR_MIN_LANE2_NE_30_SEC<br>TX_PWR_MIN_LANE1_NE_30_SEC<br>LASER_BIAS_PC_MIN_NE_30_SEC<br>LASER_BIAS_MIN_NE_30_SEC<br>RX_PWR_MIN_NE_30_SEC<br>TX_PWR_MIN_NE_30_SEC<br>PMD_MAX_NE_30_SEC<br>CD_MAX_NE_30_SEC<br>PN_MAX_NE_30_SEC<br>PCR_MAX_NE_30_SEC<br>PDL_MAX_NE_30_SEC<br>OSNR_MAX_NE_30_SEC<br>DGD_MIN_NE_1_DAY<br>DGD_MIN_NE_15_MINS<br>DGD_MAX_NE_1_DAY<br>DGD_MAX_NE_15_MINS<br>LASER_BIAS_PC_MAX_NE_1_DAY<br>LASER_BIAS_PC_MAX_NE_15_MINS |

| Fault Type | Fault Tag  |
|------------|--|
|            | LASER_BIAS_MAX_NE_1_DAY<br>LASER_BIAS_MAX_NE_15_MINS<br>RX_PWR_MAX_NE_1_DAY<br>RX_PWR_MAX_NE_15_MINS<br>TX_PWR_MAX_NE_1_DAY<br>TX_PWR_MAX_NE_15_MINS<br>PMD_MIN_NE_1_DAY<br>PMD_MIN_NE_15_MINS<br>CD_MIN_NE_1_DAY<br>CD_MIN_NE_15_MINS<br>PN_MIN_NE_1_DAY<br>PN_MIN_NE_15_MINS<br>PCR_MIN_NE_1_DAY<br>PCR_MIN_NE_15_MINS<br>SOPMD_MIN_NE_1_DAY<br>SOPMD_MIN_NE_15_MINS<br>PDL_MIN_NE_1_DAY<br>PDL_MIN_NE_15_MINS<br>OSNR_MIN_NE_1_DAY<br>OSNR_MIN_NE_15_MINS<br><br>LASER_BIAS_PC_MAX_LANE10_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE10_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE9_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE9_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE8_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE8_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE7_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE7_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE6_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE6_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE5_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE5_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE4_NE_1_DAY |



| Fault Type | Fault Tag  |
|------------|--|
|            | LASER_BIAS_PC_MAX_LANE4_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE3_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE3_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE2_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE2_NE_15_MINS<br>LASER_BIAS_PC_MAX_LANE1_NE_1_DAY<br>LASER_BIAS_PC_MAX_LANE1_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE10_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE10_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE9_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE9_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE8_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE8_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE7_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE7_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE6_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE6_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE5_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE5_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE4_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE4_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE3_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE3_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE2_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE2_NE_15_MINS<br>LASER_BIAS_PC_MIN_LANE1_NE_1_DAY<br>LASER_BIAS_PC_MIN_LANE1_NE_15_MINS<br>LASER_BIAS_MAX_LANE10_NE_1_DAY<br>LASER_BIAS_MAX_LANE10_NE_15_MINS<br>LASER_BIAS_MAX_LANE9_NE_1_DAY<br>LASER_BIAS_MAX_LANE9_NE_15_MINS<br>LASER_BIAS_MAX_LANE8_NE_1_DAY<br>LASER_BIAS_MAX_LANE8_NE_15_MINS |

| Fault Type | Fault Tag   |
|------------|---|
|            | LASER_BIAS_MAX_LANE7_NE_1_DAY<br>LASER_BIAS_MAX_LANE7_NE_15_MINS<br>LASER_BIAS_MAX_LANE6_NE_1_DAY<br>LASER_BIAS_MAX_LANE6_NE_15_MINS<br>LASER_BIAS_MAX_LANE5_NE_1_DAY<br>LASER_BIAS_MAX_LANE5_NE_15_MINS<br>LASER_BIAS_MAX_LANE4_NE_1_DAY<br>LASER_BIAS_MAX_LANE4_NE_15_MINS<br>LASER_BIAS_MAX_LANE3_NE_1_DAY<br>LASER_BIAS_MAX_LANE3_NE_15_MINS<br>LASER_BIAS_MAX_LANE2_NE_1_DAY<br>LASER_BIAS_MAX_LANE2_NE_15_MINS<br>LASER_BIAS_MAX_LANE1_NE_1_DAY<br>LASER_BIAS_MAX_LANE1_NE_15_MINS<br>LASER_BIAS_MIN_LANE10_NE_1_DAY<br>LASER_BIAS_MIN_LANE10_NE_15_MINS<br>LASER_BIAS_MIN_LANE9_NE_1_DAY<br>LASER_BIAS_MIN_LANE9_NE_15_MINS<br>LASER_BIAS_MIN_LANE8_NE_1_DAY<br>LASER_BIAS_MIN_LANE8_NE_15_MINS<br>LASER_BIAS_MIN_LANE7_NE_1_DAY<br>LASER_BIAS_MIN_LANE7_NE_15_MINS<br>LASER_BIAS_MIN_LANE6_NE_1_DAY<br>LASER_BIAS_MIN_LANE6_NE_15_MINS<br>LASER_BIAS_MIN_LANE5_NE_1_DAY<br>LASER_BIAS_MIN_LANE5_NE_15_MINS<br>LASER_BIAS_MIN_LANE4_NE_1_DAY<br>LASER_BIAS_MIN_LANE4_NE_15_MINS<br>LASER_BIAS_MIN_LANE3_NE_1_DAY<br>LASER_BIAS_MIN_LANE3_NE_15_MINS<br>LASER_BIAS_MIN_LANE2_NE_1_DAY<br>LASER_BIAS_MIN_LANE2_NE_15_MINS<br>LASER_BIAS_MIN_LANE1_NE_1_DAY |

| Fault Type | Fault Tag   |
|------------|---|
|            | LASER_BIAS_MIN_LANE1_NE_15_MINS<br>RX_PWR_MAX_LANE10_NE_1_DAY<br>RX_PWR_MAX_LANE10_NE_15_MINS<br>RX_PWR_MAX_LANE9_NE_1_DAY<br>RX_PWR_MAX_LANE9_NE_15_MINS<br>RX_PWR_MAX_LANE8_NE_1_DAY<br>RX_PWR_MAX_LANE8_NE_15_MINS<br>RX_PWR_MAX_LANE7_NE_1_DAY<br>RX_PWR_MAX_LANE7_NE_15_MINS<br>RX_PWR_MAX_LANE6_NE_1_DAY<br>RX_PWR_MAX_LANE6_NE_15_MINS<br>RX_PWR_MAX_LANE5_NE_1_DAY<br>RX_PWR_MAX_LANE5_NE_15_MINS<br>RX_PWR_MAX_LANE4_NE_1_DAY<br>RX_PWR_MAX_LANE4_NE_15_MINS<br>RX_PWR_MAX_LANE3_NE_1_DAY<br>RX_PWR_MAX_LANE3_NE_15_MINS<br>RX_PWR_MAX_LANE2_NE_1_DAY<br>RX_PWR_MAX_LANE2_NE_15_MINS<br>RX_PWR_MAX_LANE1_NE_1_DAY<br>RX_PWR_MAX_LANE1_NE_15_MINS<br>RX_PWR_MIN_LANE10_NE_1_DAY<br>RX_PWR_MIN_LANE10_NE_15_MINS<br>RX_PWR_MIN_LANE9_NE_1_DAY<br>RX_PWR_MIN_LANE9_NE_15_MINS<br>RX_PWR_MIN_LANE8_NE_1_DAY<br>RX_PWR_MIN_LANE8_NE_15_MINS<br>RX_PWR_MIN_LANE7_NE_1_DAY<br>RX_PWR_MIN_LANE7_NE_15_MINS<br>RX_PWR_MIN_LANE6_NE_1_DAY<br>RX_PWR_MIN_LANE6_NE_15_MINS<br>RX_PWR_MIN_LANE5_NE_1_DAY<br>RX_PWR_MIN_LANE5_NE_15_MINS |

| Fault Type | Fault Tag   |
|------------|---|
|            | RX_PWR_MIN_LANE4_NE_1_DAY<br>RX_PWR_MIN_LANE4_NE_15_MINS<br>RX_PWR_MIN_LANE3_NE_1_DAY<br>RX_PWR_MIN_LANE3_NE_15_MINS<br>RX_PWR_MIN_LANE2_NE_1_DAY<br>RX_PWR_MIN_LANE2_NE_15_MINS<br>RX_PWR_MIN_LANE1_NE_1_DAY<br>RX_PWR_MIN_LANE1_NE_15_MINS<br>TX_PWR_MAX_LANE10_NE_1_DAY<br>TX_PWR_MAX_LANE10_NE_15_MINS<br>TX_PWR_MAX_LANE9_NE_1_DAY<br>TX_PWR_MAX_LANE9_NE_15_MINS<br>TX_PWR_MAX_LANE8_NE_1_DAY<br>TX_PWR_MAX_LANE8_NE_15_MINS<br>TX_PWR_MAX_LANE7_NE_1_DAY<br>TX_PWR_MAX_LANE7_NE_15_MINS<br>TX_PWR_MAX_LANE6_NE_1_DAY<br>TX_PWR_MAX_LANE6_NE_15_MINS<br>TX_PWR_MAX_LANE5_NE_1_DAY<br>TX_PWR_MAX_LANE5_NE_15_MINS<br>TX_PWR_MAX_LANE4_NE_1_DAY<br>TX_PWR_MAX_LANE4_NE_15_MINS<br>TX_PWR_MAX_LANE3_NE_1_DAY<br>TX_PWR_MAX_LANE3_NE_15_MINS<br>TX_PWR_MAX_LANE2_NE_1_DAY<br>TX_PWR_MAX_LANE2_NE_15_MINS<br>TX_PWR_MAX_LANE1_NE_1_DAY<br>TX_PWR_MAX_LANE1_NE_15_MINS<br>TX_PWR_MIN_LANE10_NE_1_DAY<br>TX_PWR_MIN_LANE10_NE_15_MINS<br>TX_PWR_MIN_LANE9_NE_1_DAY<br>TX_PWR_MIN_LANE9_NE_15_MINS<br>TX_PWR_MIN_LANE8_NE_1_DAY |

| Fault Type | Fault Tag   |
|------------|---|
|            | TX_PWR_MIN_LANE8_NE_15_MINS<br>TX_PWR_MIN_LANE7_NE_1_DAY<br>TX_PWR_MIN_LANE7_NE_15_MINS<br>TX_PWR_MIN_LANE6_NE_1_DAY<br>TX_PWR_MIN_LANE6_NE_15_MINS<br>TX_PWR_MIN_LANE5_NE_1_DAY<br>TX_PWR_MIN_LANE5_NE_15_MINS<br>TX_PWR_MIN_LANE4_NE_1_DAY<br>TX_PWR_MIN_LANE4_NE_15_MINS<br>TX_PWR_MIN_LANE3_NE_1_DAY<br>TX_PWR_MIN_LANE3_NE_15_MINS<br>TX_PWR_MIN_LANE2_NE_1_DAY<br>TX_PWR_MIN_LANE2_NE_15_MINS<br>TX_PWR_MIN_LANE1_NE_1_DAY<br>TX_PWR_MIN_LANE1_NE_15_MINS<br>LASER_BIAS_PC_MIN_NE_1_DAY<br>LASER_BIAS_PC_MIN_NE_15_MINS<br>LASER_BIAS_MIN_NE_1_DAY<br>LASER_BIAS_MIN_NE_15_MINS<br>RX_PWR_MIN_NE_1_DAY<br>RX_PWR_MIN_NE_15_MINS<br>TX_PWR_MIN_NE_1_DAY<br>TX_PWR_MIN_NE_15_MINS<br>PMD_MAX_NE_1_DAY<br>PMD_MAX_NE_15_MINS<br>CD_MAX_NE_1_DAY<br>CD_MAX_NE_15_MINS<br>PN_MAX_NE_1_DAY<br>PN_MAX_NE_15_MINS<br>PCR_MAX_NE_1_DAY<br>PCR_MAX_NE_15_MINS<br>SOPMD_MAX_NE_1_DAY<br>SOPMD_MAX_NE_15_MINS |

| Fault Type | Fault Tag   |
|------------|---|
|            | PDL_MAX_NE_1_DAY<br>PDL_MAX_NE_15_MINS<br>OSNR_MAX_NE_1_DAY<br>OSNR_MAX_NE_15_MINS<br>OPTICAL_FEC_UNCWORD<br>OPTICAL_FECMISMATCH<br>OPTICAL_AS_MT<br>OPTICAL_PROV_IN_PROG<br>OPTICAL_LO_OSNR<br>OPTICAL_OUT_OF_RNG_CD<br>OPTICAL_HI_DGD<br>OPTICAL_TX_POWER_PROV_MISMATCH<br>OPTICAL_WVL_OUT_OF_LOCK<br>OPTICAL_UNQUALIFIED_PPM<br>OPTICAL_HI_LASERBIAS<br>OPTICAL_LO_TXPOWER<br>OPTICAL_HI_TXPOWER<br>OPTICAL_LO_RXPOWER<br>OPTICAL_HI_RXPOWER<br>OPTICAL_PROV_MISMATCH<br>OPTICAL_MEA<br>OPTICAL_IMPROPRMVL |

| Fault Type | Fault Tag |
|------------|-----------|
| HW_G709    |           |

| Fault Type | Fault Tag   |
|------------|---|
|            | FEC_POST_FEC_BER_MAX_NE_30_SEC<br>FEC_POST_FEC_BER_MIN_NE_30_SEC<br>FEC_PRE_FEC_BER_MAX_NE_30_SEC<br>FEC_PRE_FEC_BER_MIN_NE_30_SEC<br>FEC_Q_MARGIN_MIN_NE_30_SEC<br>FEC_Q_MARGIN_MAX_NE_30_SEC<br>FEC_Q_MIN_NE_30_SEC<br>FEC_Q_MAX_NE_30_SEC<br>FEC_POST_FEC_BER_MAX_NE_15_MINS<br>FEC_POST_FEC_BER_MIN_NE_15_MINS<br>FEC_PRE_FEC_BER_MAX_NE_15_MINS<br>FEC_PRE_FEC_BER_MIN_NE_15_MINS<br>FEC_Q_MARGIN_MIN_NE_15_MINS<br>FEC_Q_MARGIN_MAX_NE_15_MINS<br>FEC_Q_MIN_NE_15_MINS<br>FEC_Q_MAX_NE_15_MINS<br>FEC_POST_FEC_BER_MAX_NE_1_DAY<br>FEC_POST_FEC_BER_MIN_NE_1_DAY<br>FEC_PRE_FEC_BER_MAX_NE_1_DAY<br>FEC_PRE_FEC_BER_MIN_NE_1_DAY<br>FEC_Q_MARGIN_MIN_NE_1_DAY<br>FEC_Q_MARGIN_MAX_NE_1_DAY<br>FEC_Q_MIN_NE_1_DAY<br>FEC_Q_MAX_NE_1_DAY<br>FEC_UNC_WORDS_NE_30_SEC<br>FEC_BIT_EC_NE_30_SEC<br>FEC_UNC_WORDS_NE_15_MINS<br>FEC_UNC_WORDS_NE_1_DAY<br>FEC_BIT_EC_NE_1_DAY<br>FEC_BIT_EC_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_UN_PROTECTED_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_PROTECTED_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_ZEROED_NE_1_DAY |



| Fault Type | Fault Tag  |
|------------|--|
|            | OTNSEC_OUT_BLOCKS_SEQUENCE_ERRORS_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_UN_ENCRYPTED_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_ENC_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_NE_1_DAY<br>OTNSEC_IN_BLOCKS_ZEROED_NE_1_DAY<br>OTNSEC_IN_BLOCKS_AUTH_ERRORS_NE_1_DAY<br>OTNSEC_IN_BLOCKS_REPLAY_ERRORS_NE_1_DAY<br>OTNSEC_IN_BLOCKS_SEQUENCE_ERRORS_NE_1_DAY<br>OTNSEC_IN_BLOCKS_UN_PROTECTED_NE_1_DAY<br>OTNSEC_IN_BLOCKS_PROTECTED_NE_1_DAY<br>OTNSEC_IN_BLOCKS_UN_ENCRYPTED_NE_1_DAY<br>OTNSEC_IN_BLOCKS_ENC_NE_1_DAY<br>OTNSEC_IN_BLOCKS_NE_1_DAY<br>OTNSEC_OUT_BLOCKS_UN_PROTECTED_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_PROTECTED_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_ZEROED_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_SEQUENCE_ERRORS_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_UN_ENCRYPTED_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_ENC_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_NE_15_MINS<br>OTNSEC_IN_BLOCKS_ZEROED_NE_15_MINS<br>OTNSEC_IN_BLOCKS_AUTH_ERRORS_NE_15_MINS<br>OTNSEC_IN_BLOCKS_REPLAY_ERRORS_NE_15_MINS<br>OTNSEC_IN_BLOCKS_SEQUENCE_ERRORS_NE_15_MINS<br>OTNSEC_IN_BLOCKS_UN_PROTECTED_NE_15_MINS<br>OTNSEC_IN_BLOCKS_PROTECTED_NE_15_MINS<br>OTNSEC_IN_BLOCKS_UN_ENCRYPTED_NE_15_MINS<br>OTNSEC_IN_BLOCKS_ENC_NE_15_MINS<br>OTNSEC_IN_BLOCKS_NE_15_MINS<br>OTNSEC_OUT_BLOCKS_UN_PROTECTED_NE_30_SEC<br>OTNSEC_OUT_BLOCKS_PROTECTED_NE_30_SEC<br>OTNSEC_OUT_BLOCKS_ZEROED_NE_30_SEC<br>OTNSEC_OUT_BLOCKS_SEQUENCE_ERRORS_NE_30_SEC |

| Fault Type | Fault Tag  |
|------------|--|
|            | OTNSEC_OUT_BLOCKS_UN_ENCRYPTED_NE_30_SEC<br>OTNSEC_OUT_BLOCKS_ENC_NE_30_SEC<br>OTNSEC_OUT_BLOCKS_NE_30_SEC<br>OTNSEC_IN_BLOCKS_ZEROED_NE_30_SEC<br>OTNSEC_IN_BLOCKS_AUTH_ERRORS_NE_30_SEC<br>OTNSEC_IN_BLOCKS_REPLAY_ERRORS_NE_30_SEC<br>OTNSEC_IN_BLOCKS_SEQUENCE_ERRORS_NE_30_SEC<br>OTNSEC_IN_BLOCKS_UN_PROTECTED_NE_30_SEC<br>OTNSEC_IN_BLOCKS_PROTECTED_NE_30_SEC<br>OTNSEC_IN_BLOCKS_UN_ENCRYPTED_NE_30_SEC<br>OTNSEC_IN_BLOCKS_ENC_NE_30_SEC<br>OTNSEC_IN_BLOCKS_NE_30_SEC<br>UAS_TCM6_FE_30_SEC<br>UAS_TCM6_NE_30_SEC<br>FC_TCM6_FE_30_SEC<br>FC_TCM6_NE_30_SEC<br>SESR_TCM6_FE_30_SEC<br>SESR_TCM6_NE_30_SEC<br>ESR_TCM6_FE_30_SEC<br>ESR_TCM6_NE_30_SEC<br>SES_TCM6_FE_30_SEC<br>SES_TCM6_NE_30_SEC<br>ES_TCM6_FE_30_SEC<br>ES_TCM6_NE_30_SEC<br>BBER_TCM6_FE_30_SEC<br>BBER_TCM6_NE_30_SEC<br>BBE_TCM6_FE_30_SEC<br>BBE_TCM6_NE_30_SEC<br>UAS_TCM5_FE_30_SEC<br>UAS_TCM5_NE_30_SEC<br>FC_TCM5_FE_30_SEC<br>FC_TCM5_NE_30_SEC<br>SESR_TCM5_FE_30_SEC |

| Fault Type | Fault Tag   |
|------------|---|
|            | SESR_TCM5_NE_30_SEC<br>ESR_TCM5_FE_30_SEC<br>ESR_TCM5_NE_30_SEC<br>SES_TCM5_FE_30_SEC<br>SES_TCM5_NE_30_SEC<br>ES_TCM5_FE_30_SEC<br>ES_TCM5_NE_30_SEC<br>BBER_TCM5_FE_30_SEC<br>BBER_TCM5_NE_30_SEC<br>BBE_TCM5_FE_30_SEC<br>BBE_TCM5_NE_30_SEC<br>UAS_TCM4_FE_30_SEC<br>UAS_TCM4_NE_30_SEC<br>FC_TCM4_FE_30_SEC<br>FC_TCM4_NE_30_SEC<br>SESR_TCM4_FE_30_SEC<br>SESR_TCM4_NE_30_SEC<br>ESR_TCM4_FE_30_SEC<br>ESR_TCM4_NE_30_SEC<br>SES_TCM4_FE_30_SEC<br>SES_TCM4_NE_30_SEC<br>ES_TCM4_FE_30_SEC<br>ES_TCM4_NE_30_SEC<br>BBER_TCM4_FE_30_SEC<br>BBER_TCM4_NE_30_SEC<br>BBE_TCM4_FE_30_SEC<br>BBE_TCM4_NE_30_SEC<br>UAS_TCM3_FE_30_SEC<br>UAS_TCM3_NE_30_SEC<br>FC_TCM3_FE_30_SEC<br>FC_TCM3_NE_30_SEC<br>SESR_TCM3_FE_30_SEC<br>SESR_TCM3_NE_30_SEC |

| Fault Type | Fault Tag  |
|------------|--|
|            | ESR_TCM3_FE_30_SEC<br>ESR_TCM3_NE_30_SEC<br>SES_TCM3_FE_30_SEC<br>SES_TCM3_NE_30_SEC<br>ES_TCM3_FE_30_SEC<br>ES_TCM3_NE_30_SEC<br>BBER_TCM3_FE_30_SEC<br>BBER_TCM3_NE_30_SEC<br>BBE_TCM3_FE_30_SEC<br>BBE_TCM3_NE_30_SEC<br>UAS_TCM2_FE_30_SEC<br>UAS_TCM2_NE_30_SEC<br>FC_TCM2_FE_30_SEC<br>FC_TCM2_NE_30_SEC<br>SESR_TCM2_FE_30_SEC<br>SESR_TCM2_NE_30_SEC<br>ESR_TCM2_FE_30_SEC<br>ESR_TCM2_NE_30_SEC<br>SES_TCM2_FE_30_SEC<br>SES_TCM2_NE_30_SEC<br>ES_TCM2_FE_30_SEC<br>ES_TCM2_NE_30_SEC<br>BBER_TCM2_FE_30_SEC<br>BBER_TCM2_NE_30_SEC<br>BBE_TCM2_FE_30_SEC<br>BBE_TCM2_NE_30_SEC<br>UAS_TCM1_FE_30_SEC<br>UAS_TCM1_NE_30_SEC<br>FC_TCM1_FE_30_SEC<br>FC_TCM1_NE_30_SEC<br>SESR_TCM1_FE_30_SEC<br>SESR_TCM1_NE_30_SEC<br>ESR_TCM1_FE_30_SEC |

| Fault Type | Fault Tag  |
|------------|--|
|            | ESR_TCM1_NE_30_SEC<br>SES_TCM1_FE_30_SEC<br>SES_TCM1_NE_30_SEC<br>ES_TCM1_FE_30_SEC<br>ES_TCM1_NE_30_SEC<br>BBER_TCM1_FE_30_SEC<br>BBER_TCM1_NE_30_SEC<br>BBE_TCM1_FE_30_SEC<br>BBE_TCM1_NE_30_SEC<br>UAS_TCM6_FE_1_DAY<br>UAS_TCM6_NE_1_DAY<br>UAS_TCM6_FE_15_MINS<br>UAS_TCM6_NE_15_MINS<br>UAS_TCM5_FE_1_DAY<br>UAS_TCM5_NE_1_DAY<br>UAS_TCM5_FE_15_MINS<br>UAS_TCM5_NE_15_MINS<br>UAS_TCM4_FE_1_DAY<br>UAS_TCM4_NE_1_DAY<br>UAS_TCM4_FE_15_MINS<br>UAS_TCM4_NE_15_MINS<br>UAS_TCM3_FE_1_DAY<br>UAS_TCM3_NE_1_DAY<br>UAS_TCM3_FE_15_MINS<br>UAS_TCM3_NE_15_MINS<br>UAS_TCM2_FE_1_DAY<br>UAS_TCM2_NE_1_DAY<br>UAS_TCM2_FE_15_MINS<br>UAS_TCM2_NE_15_MINS<br>UAS_TCM1_FE_1_DAY<br>UAS_TCM1_NE_1_DAY<br>UAS_TCM1_FE_15_MINS<br>UAS_TCM1_NE_15_MINS |

| Fault Type | Fault Tag  |
|------------|--|
|            | FC_TCM6_FE_1_DAY<br>FC_TCM6_NE_1_DAY<br>FC_TCM6_FE_15_MINS<br>FC_TCM6_NE_15_MINS<br>FC_TCM5_FE_1_DAY<br>FC_TCM5_NE_1_DAY<br>FC_TCM5_FE_15_MINS<br>FC_TCM5_NE_15_MINS<br>FC_TCM4_FE_1_DAY<br>FC_TCM4_NE_1_DAY<br>FC_TCM4_FE_15_MINS<br>FC_TCM4_NE_15_MINS<br>FC_TCM3_FE_1_DAY<br>FC_TCM3_NE_1_DAY<br>FC_TCM3_FE_15_MINS<br>FC_TCM3_NE_15_MINS<br>FC_TCM2_FE_1_DAY<br>FC_TCM2_NE_1_DAY<br>FC_TCM2_FE_15_MINS<br>FC_TCM2_NE_15_MINS<br>FC_TCM1_FE_1_DAY<br>FC_TCM1_NE_1_DAY<br>FC_TCM1_FE_15_MINS<br>FC_TCM1_NE_15_MINS<br>SESR_TCM6_FE_1_DAY<br>SESR_TCM6_NE_1_DAY<br>SESR_TCM6_FE_15_MINS<br>SESR_TCM6_NE_15_MINS<br>SESR_TCM5_FE_1_DAY<br>SESR_TCM5_NE_1_DAY<br>SESR_TCM5_FE_15_MINS<br>SESR_TCM5_NE_15_MINS<br>SESR_TCM4_FE_1_DAY |

| Fault Type | Fault Tag  |
|------------|--|
|            | SESR_TCM4_NE_1_DAY<br>SESR_TCM4_FE_15_MINS<br>SESR_TCM4_NE_15_MINS<br>SESR_TCM3_FE_1_DAY<br>SESR_TCM3_NE_1_DAY<br>SESR_TCM3_FE_15_MINS<br>SESR_TCM3_NE_15_MINS<br>SESR_TCM2_FE_1_DAY<br>SESR_TCM2_NE_1_DAY<br>SESR_TCM2_FE_15_MINS<br>SESR_TCM2_NE_15_MINS<br>SESR_TCM1_FE_1_DAY<br>SESR_TCM1_NE_1_DAY<br>SESR_TCM1_FE_15_MINS<br>SESR_TCM1_NE_15_MINS<br>ESR_TCM6_FE_1_DAY<br>ESR_TCM6_NE_1_DAY<br>ESR_TCM6_FE_15_MINS<br>ESR_TCM6_NE_15_MINS<br>ESR_TCM5_FE_1_DAY<br>ESR_TCM5_NE_1_DAY<br>ESR_TCM5_FE_15_MINS<br>ESR_TCM5_NE_15_MINS<br>ESR_TCM4_FE_1_DAY<br>ESR_TCM4_NE_1_DAY<br>ESR_TCM4_FE_15_MINS<br>ESR_TCM4_NE_15_MINS<br>ESR_TCM3_FE_1_DAY<br>ESR_TCM3_NE_1_DAY<br>ESR_TCM3_FE_15_MINS<br>ESR_TCM3_NE_15_MINS<br>ESR_TCM2_FE_1_DAY<br>ESR_TCM2_NE_1_DAY |

| Fault Type | Fault Tag  |
|------------|--|
|            | ESR_TCM2_FE_15_MINS<br>ESR_TCM2_NE_15_MINS<br>ESR_TCM1_FE_1_DAY<br>ESR_TCM1_NE_1_DAY<br>ESR_TCM1_FE_15_MINS<br>ESR_TCM1_NE_15_MINS<br>SES_TCM6_FE_1_DAY<br>SES_TCM6_NE_1_DAY<br>SES_TCM6_FE_15_MINS<br>SES_TCM6_NE_15_MINS<br>SES_TCM5_FE_1_DAY<br>SES_TCM5_NE_1_DAY<br>SES_TCM5_FE_15_MINS<br>SES_TCM5_NE_15_MINS<br>SES_TCM4_FE_1_DAY<br>SES_TCM4_NE_1_DAY<br>SES_TCM4_FE_15_MINS<br>SES_TCM4_NE_15_MINS<br>SES_TCM3_FE_1_DAY<br>SES_TCM3_NE_1_DAY<br>SES_TCM3_FE_15_MINS<br>SES_TCM3_NE_15_MINS<br>SES_TCM2_FE_1_DAY<br>SES_TCM2_NE_1_DAY<br>SES_TCM2_FE_15_MINS<br>SES_TCM2_NE_15_MINS<br>SES_TCM1_FE_1_DAY<br>SES_TCM1_NE_1_DAY<br>SES_TCM1_FE_15_MINS<br>SES_TCM1_NE_15_MINS<br>ES_TCM6_FE_1_DAY<br>ES_TCM6_NE_1_DAY<br>ES_TCM6_FE_15_MINS |



| Fault Type | Fault Tag  |
|------------|--|
|            | ES_TCM6_NE_15_MINS<br>ES_TCM5_FE_1_DAY<br>ES_TCM5_NE_1_DAY<br>ES_TCM5_FE_15_MINS<br>ES_TCM5_NE_15_MINS<br>ES_TCM4_FE_1_DAY<br>ES_TCM4_NE_1_DAY<br>ES_TCM4_FE_15_MINS<br>ES_TCM4_NE_15_MINS<br>ES_TCM3_FE_1_DAY<br>ES_TCM3_NE_1_DAY<br>ES_TCM3_FE_15_MINS<br>ES_TCM3_NE_15_MINS<br>ES_TCM2_FE_1_DAY<br>ES_TCM2_NE_1_DAY<br>ES_TCM2_FE_15_MINS<br>ES_TCM2_NE_15_MINS<br>ES_TCM1_FE_1_DAY<br>ES_TCM1_NE_1_DAY<br>ES_TCM1_FE_15_MINS<br>ES_TCM1_NE_15_MINS<br>BBER_TCM6_FE_1_DAY<br>BBER_TCM6_NE_1_DAY<br>BBER_TCM6_FE_15_MINS<br>BBER_TCM6_NE_15_MINS<br>BBER_TCM5_FE_1_DAY<br>BBER_TCM5_NE_1_DAY<br>BBER_TCM5_FE_15_MINS<br>BBER_TCM5_NE_15_MINS<br>BBER_TCM4_FE_1_DAY<br>BBER_TCM4_NE_1_DAY<br>BBER_TCM4_FE_15_MINS<br>BBER_TCM4_NE_15_MINS |

| Fault Type | Fault Tag   |
|------------|---|
|            | BBER_TCM3_FE_1_DAY<br>BBER_TCM3_NE_1_DAY<br>BBER_TCM3_FE_15_MINS<br>BBER_TCM3_NE_15_MINS<br>BBER_TCM2_FE_1_DAY<br>BBER_TCM2_NE_1_DAY<br>BBER_TCM2_FE_15_MINS<br>BBER_TCM2_NE_15_MINS<br>BBER_TCM1_FE_1_DAY<br>BBER_TCM1_NE_1_DAY<br>BBER_TCM1_FE_15_MINS<br>BBER_TCM1_NE_15_MINS<br>BBE_TCM6_FE_1_DAY<br>BBE_TCM6_NE_1_DAY<br>BBE_TCM6_FE_15_MINS<br>BBE_TCM6_NE_15_MINS<br>BBE_TCM5_FE_1_DAY<br>BBE_TCM5_NE_1_DAY<br>BBE_TCM5_FE_15_MINS<br>BBE_TCM5_NE_15_MINS<br>BBE_TCM4_FE_1_DAY<br>BBE_TCM4_NE_1_DAY<br>BBE_TCM4_FE_15_MINS<br>BBE_TCM4_NE_15_MINS<br>BBE_TCM3_FE_1_DAY<br>BBE_TCM3_NE_1_DAY<br>BBE_TCM3_FE_15_MINS<br>BBE_TCM3_NE_15_MINS<br>BBE_TCM2_FE_1_DAY<br>BBE_TCM2_NE_1_DAY<br>BBE_TCM2_FE_15_MINS<br>BBE_TCM2_NE_15_MINS<br>BBE_TCM1_FE_1_DAY |

| Fault Type | Fault Tag  |
|------------|--|
|            | BBE_TCM1_NE_1_DAY<br>BBE_TCM1_FE_15_MINS<br>BBE_TCM1_NE_15_MINS<br>BBER_PM_FE_30_SEC<br>SESR_PM_FE_30_SEC<br>ESR_PM_FE_30_SEC<br>FC_PM_FE_30_SEC<br>BBE_PM_FE_30_SEC<br>UAS_PM_FE_30_SEC<br>SES_PM_FE_30_SEC<br>ES_PM_FE_30_SEC<br>BBER_PM_NE_30_SEC<br>SESR_PM_NE_30_SEC<br>ESR_PM_NE_30_SEC<br>FC_PM_NE_30_SEC<br>BBE_PM_NE_30_SEC<br>UAS_PM_NE_30_SEC<br>SES_PM_NE_30_SEC<br>ES_PM_NE_30_SEC<br>BBER_PM_FE_1_DAY<br>SESR_PM_FE_1_DAY<br>ESR_PM_FE_1_DAY<br>FC_PM_FE_1_DAY<br>BBE_PM_FE_1_DAY<br>UAS_PM_FE_1_DAY<br>SES_PM_FE_1_DAY<br>ES_PM_FE_1_DAY<br>BBER_PM_NE_1_DAY<br>SESR_PM_NE_1_DAY<br>ESR_PM_NE_1_DAY<br>FC_PM_NE_1_DAY<br>BBE_PM_NE_1_DAY<br>UAS_PM_NE_1_DAY |

| Fault Type | Fault Tag  |
|------------|--|
|            | SES_PM_NE_1_DAY<br>ES_PM_NE_1_DAY<br>BBER_PM_FE_15_MINS<br>SESR_PM_FE_15_MINS<br>ESR_PM_FE_15_MINS<br>FC_PM_FE_15_MINS<br>BBE_PM_FE_15_MINS<br>UAS_PM_FE_15_MINS<br>SES_PM_FE_15_MINS<br>ES_PM_FE_15_MINS<br>BBER_PM_NE_15_MINS<br>SESR_PM_NE_15_MINS<br>ESR_PM_NE_15_MINS<br>FC_PM_NE_15_MINS<br>BBE_PM_NE_15_MINS<br>UAS_PM_NE_15_MINS<br>SES_PM_NE_15_MINS<br>ES_PM_NE_15_MINS<br>BBER_SM_FE_30_SEC<br>SESR_SM_FE_30_SEC<br>ESR_SM_FE_30_SEC<br>FC_SM_FE_30_SEC<br>BBE_SM_FE_30_SEC<br>UAS_SM_FE_30_SEC<br>SES_SM_FE_30_SEC<br>ES_SM_FE_30_SEC<br>BBER_SM_NE_30_SEC<br>SESR_SM_NE_30_SEC<br>ESR_SM_NE_30_SEC<br>FC_SM_NE_30_SEC<br>BBE_SM_NE_30_SEC<br>UAS_SM_NE_30_SEC<br>SES_SM_NE_30_SEC |

| Fault Type | Fault Tag   |
|------------|---|
|            | ES_SM_NE_30_SEC<br>BBER_SM_FE_1_DAY<br>SESR_SM_FE_1_DAY<br>ESR_SM_FE_1_DAY<br>FC_SM_FE_1_DAY<br>BBE_SM_FE_1_DAY<br>UAS_SM_FE_1_DAY<br>SES_SM_FE_1_DAY<br>ES_SM_FE_1_DAY<br>BBER_SM_NE_1_DAY<br>SESR_SM_NE_1_DAY<br>ESR_SM_NE_1_DAY<br>FC_SM_NE_1_DAY<br>BBE_SM_NE_1_DAY<br>UAS_SM_NE_1_DAY<br>SES_SM_NE_1_DAY<br>ES_SM_NE_1_DAY<br>BBER_SM_FE_15_MINS<br>SESR_SM_FE_15_MINS<br>ESR_SM_FE_15_MINS<br>FC_SM_FE_15_MINS<br>BBE_SM_FE_15_MINS<br>UAS_SM_FE_15_MINS<br>SES_SM_FE_15_MINS<br>ES_SM_FE_15_MINS<br>BBER_SM_NE_15_MINS<br>SESR_SM_NE_15_MINS<br>ESR_SM_NE_15_MINS<br>FC_SM_NE_15_MINS<br>BBE_SM_NE_15_MINS<br>UAS_SM_NE_15_MINS<br>SES_SM_NE_15_MINS<br>ES_SM_NE_15_MINS |

| Fault Type | Fault Tag  |
|------------|--|
|            | G709_FEC_UNCWORD<br>G709_CRYPT0_INDEX_MISMATCH<br>G709_CRYPT0_KEY_EXPIRED<br>G709_SF_BER_PM<br>G709_SD_BER_PM<br>G709_SF_BER_TCM6<br>G709_SD_BER_TCM6<br>G709_TCM6_TIM<br>G709_TCM6_BDI<br>G709_TCM6_BIAE<br>G709_TCM6_IAE<br>G709_TCM6_LCK<br>G709_TCM6_OCI<br>G709_TCM6_LTC<br>G709_TCM6_AIS<br>G709_SF_BER_TCM5<br>G709_SD_BER_TCM5<br>G709_TCM5_TIM<br>G709_TCM5_BDI<br>G709_TCM5_BIAE<br>G709_TCM5_IAE<br>G709_TCM5_LCK<br>G709_TCM5_OCI<br>G709_TCM5_LTC<br>G709_TCM5_AIS<br>G709_SF_BER_TCM4<br>G709_SD_BER_TCM4<br>G709_TCM4_TIM<br>G709_TCM4_BDI<br>G709_TCM4_BIAE<br>G709_TCM4_IAE<br>G709_TCM4_LCK<br>G709_TCM4_OCI |

| Fault Type | Fault Tag  |
|------------|--|
|            | G709_TCM4_LTC<br>G709_TCM4_AIS<br>G709_SF_BER_TCM3<br>G709_SD_BER_TCM3<br>G709_TCM3_TIM<br>G709_TCM3_BDI<br>G709_TCM3_BIAE<br>G709_TCM3_IAE<br>G709_TCM3_LCK<br>G709_TCM3_OCI<br>G709_TCM3_LTC<br>G709_TCM3_AIS<br>G709_SF_BER_TCM2<br>G709_SD_BER_TCM2<br>G709_TCM2_TIM<br>G709_TCM2_BDI<br>G709_TCM2_BIAE<br>G709_TCM2_IAE<br>G709_TCM2_LCK<br>G709_TCM2_OCI<br>G709_TCM2_LTC<br>G709_TCM2_AIS<br>G709_SF_BER_TCM1<br>G709_SD_BER_TCM1<br>G709_TCM1_TIM<br>G709_TCM1_BDI<br>G709_TCM1_BIAE<br>G709_TCM1_IAE<br>G709_TCM1_LCK<br>G709_TCM1_OCI<br>G709_TCM1_LTC<br>G709_TCM1_AIS<br>G709_PM_AS_MT |

| Fault Type | Fault Tag  |
|------------|--|
|            | G709_OPU_CSF<br>G709_PM_BIAE<br>G709_PM_IAE<br>G709_OPU_PTIM<br>G709_PM_TIM<br>G709_PM_BDI<br>G709_PM_LCK<br>G709_PM_OCI<br>G709_PM_AIS<br>G709_AS_MT<br>G709_FECMISMATCH<br>G709_SF_BER_SM<br>G709_SD_BER_SM<br>G709_TIM<br>G709_BDI<br>G709_BIAE<br>G709_IAE<br>G709_LOM<br>G709_LOF<br>G709_AIS<br>G709_LOS |



| Fault Type | Fault Tag  |
|------------|--|
| HW_OTS     | OTS_AS_MT<br>OTS_APC_RUNNING<br>OTS_SWITCH_TO_PROTECT<br>OTS_APC_CONFIG_MISMATCH<br>OTS_APC_DISABLED<br>OTS_AUTO_POW_RED<br>OTS_AUTO_LASER_SHUT<br>OTS_AMPLI_GAIN_HIGH<br>OTS_AMPLI_GAIN_LOW<br>OTS_RX_LOC<br>OTS_RX_LOS_P<br>OTS_RX_POWER_FAIL_LOW<br>OTS_TX_POWER_FAIL_LOW |

