

| <b>No</b> | <b>Features</b>                                    | <b>Production FW v2.6</b> |
|-----------|--|---------------------------|
| 1         | GBT/Reception of clock and TTC data                | Yes                       |
| 2         | IPBus v2.5   | Yes                       |
| 3         | CombinedTTC/Data to all FEX slots + ROD + OtherHUB | Yes                       |
| 4         | Readout Ctrl Data from ROD (spec 0.8)              | Yes                       |
| 5         | ROD Automatic PowerUp Sequence                     | Yes                       |
| 6         | IBERT controlled via IPBus registers               | Yes                       |
| 7         | EyeScan controlled via IPBus registers             | Yes                       |
| 8         | FELIX Back-pressure                                | Yes                       |
| 9         | Privileged Readout bit                             | No                        |
| 10        | CRC mechanism (CombinedTTC/Data + ReadoutCtrl)     | Yes                       |
| 11        | TTC Emulator (fixed)                               | Yes                       |
| 12        | Fixed latency                                      | Yes                       |

Additional notes:

- (1) Privileged Readout bit is grounded
- (2) GBT machinery can be reset via the IPBUS register (gt\_control\_array(0).reset\_master)