RIFF JTAG Error codes and troubleshooting

Error: Wrong DCC Data Checksum

2. *Wrong DCC Data Checksum*

Happens when DCC Loader which is being executed by target is too slow to respond through the DCC channel. Since RIFF BOX’s firmware in normal state never checks DCC channel RX and TX ready flags (such checks slow down the communication speed and were decided to be omitted) sometimes it happen DCC Loader supplies data to DCC channel slower than BOX’s firmware reads from it. Thus trash is received.

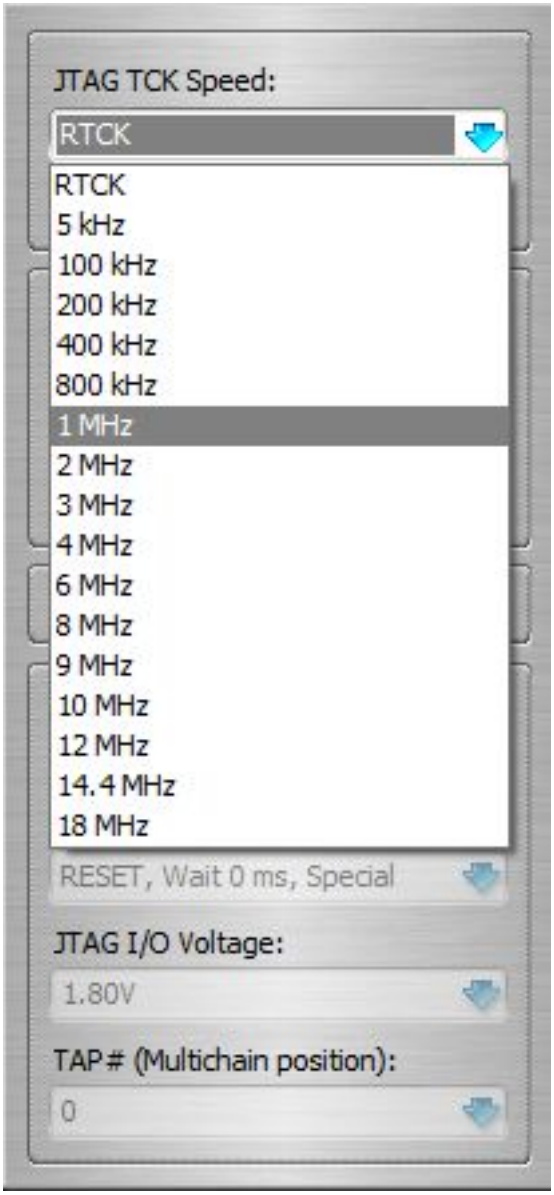
Solution:

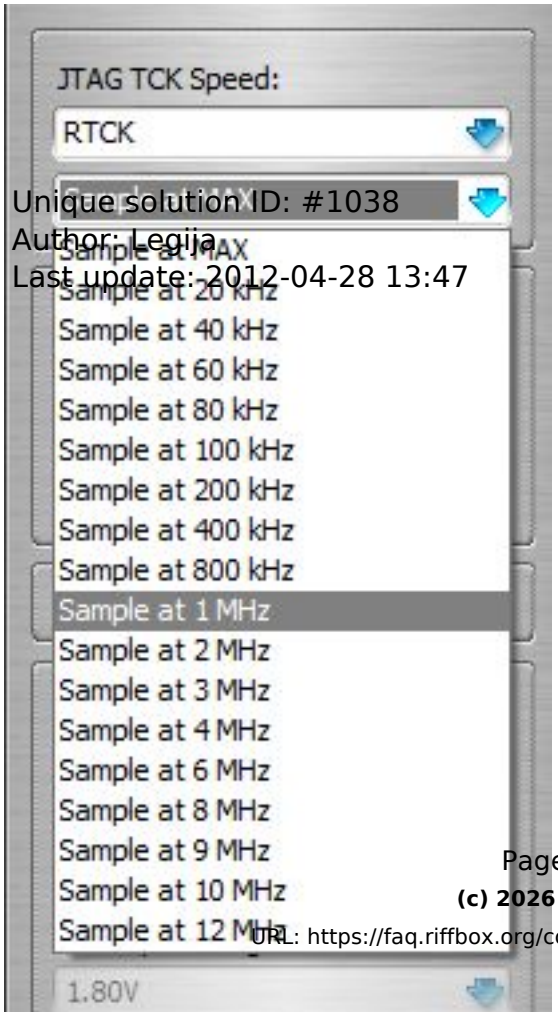
User shall lower TCK/RTCK Sampling speed settings in order to allow more slow communication between DCC Loader and host.

RTCK Settings and TCK settings:

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