OTP CRC Check

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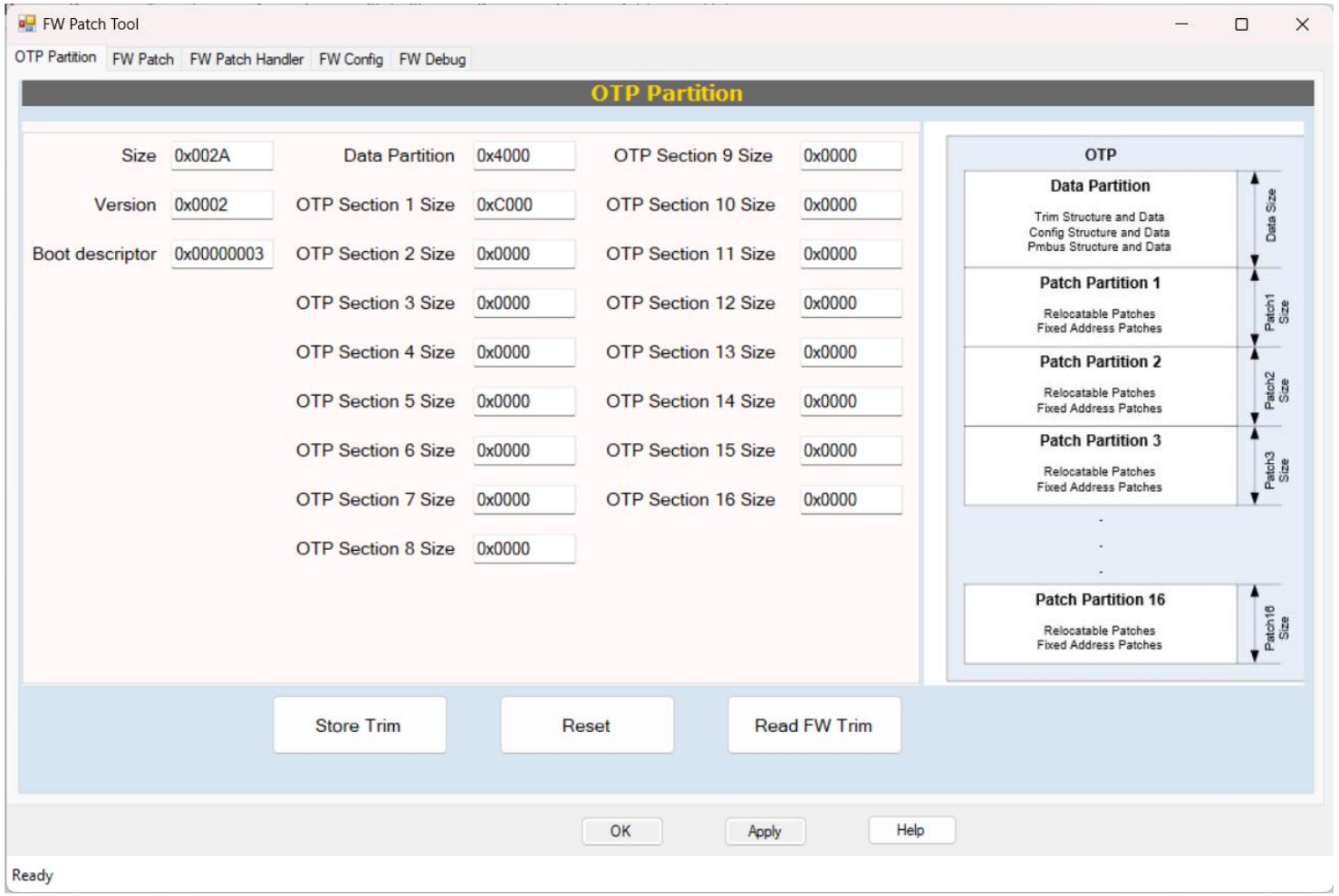
12/05/2023

restricted

OTP Store

› OTP is store with basic configuration in partition 0(Data Partition)



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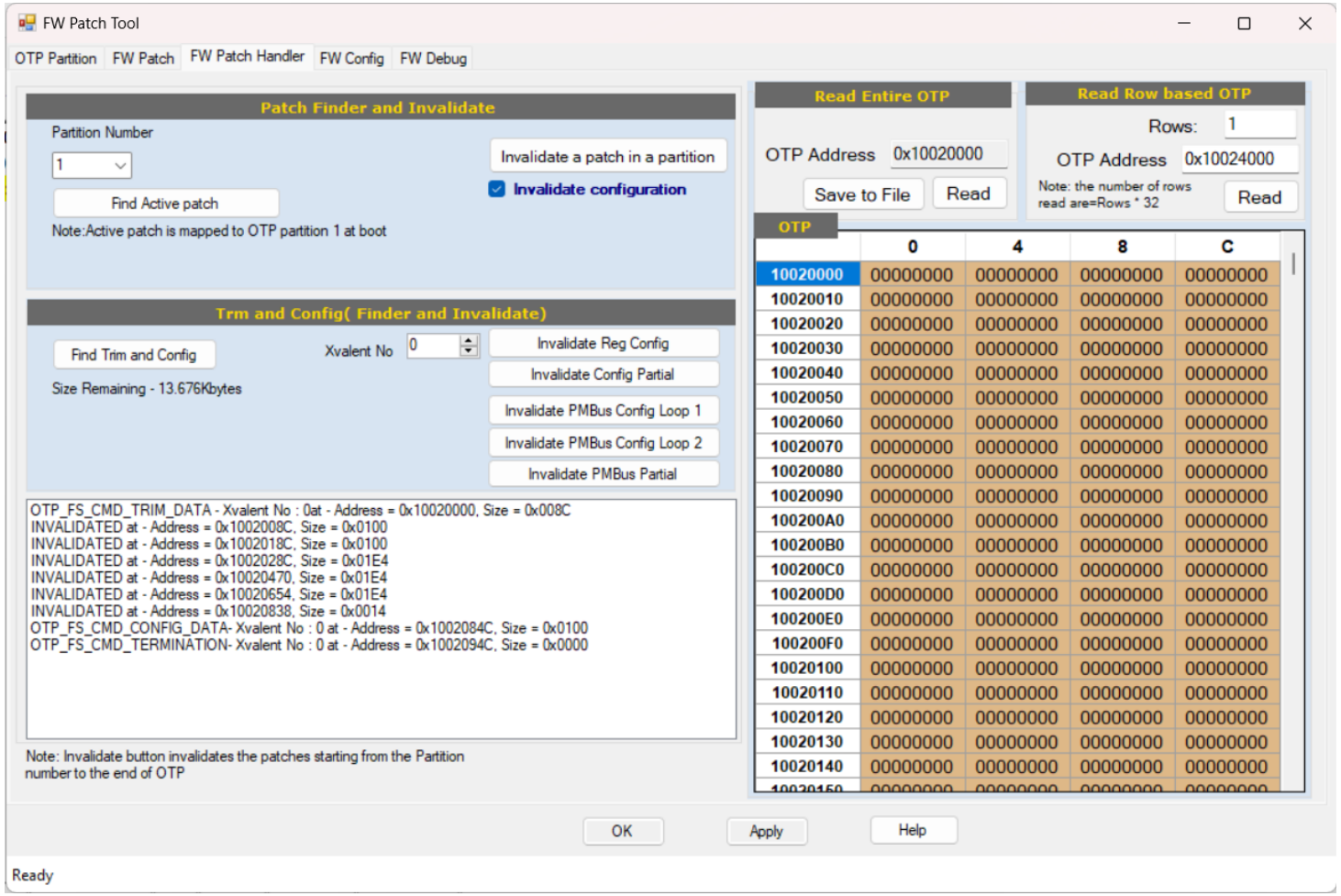
OTP Store

› OTP is store with basic configuration in partition 0(Data Partition)



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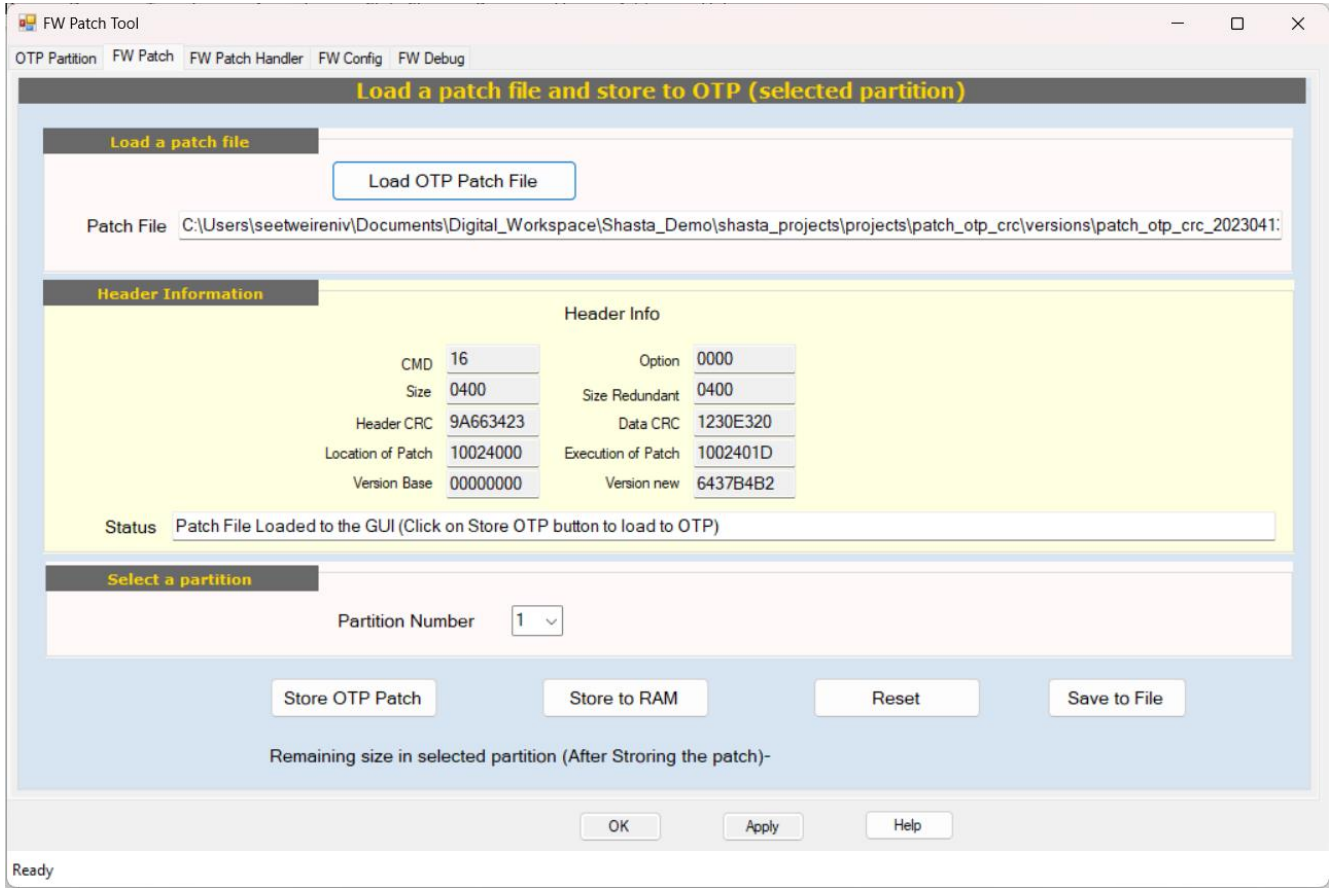
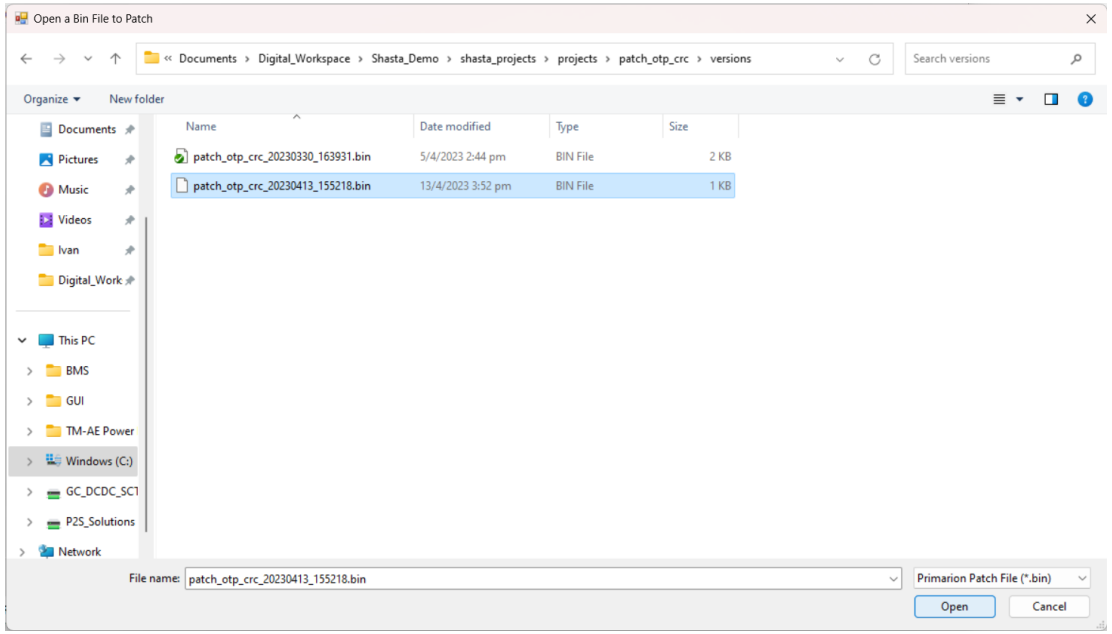
Load Firmware Patch

› FW Patch is store to RAM





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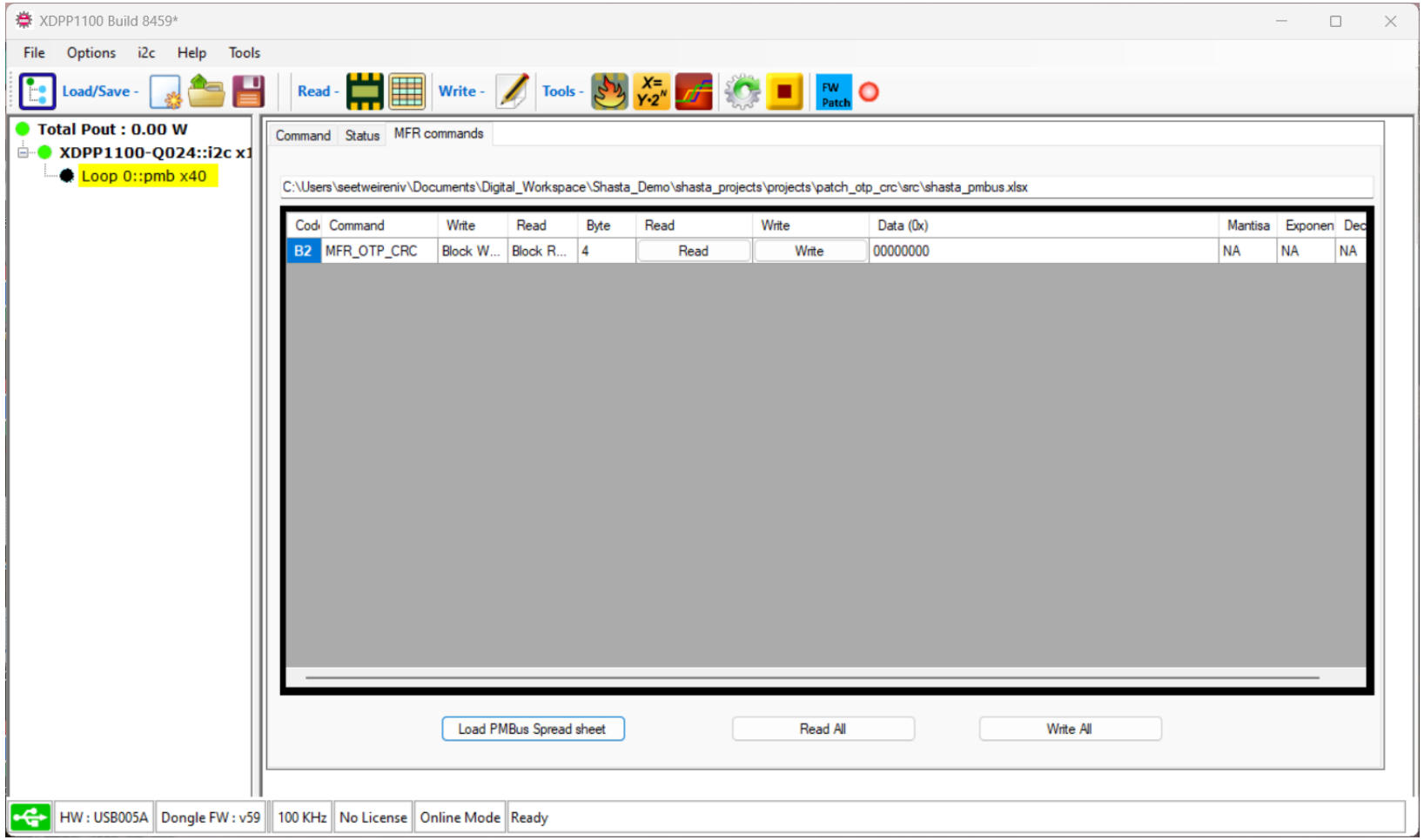
Write MFR Command 0xB2

- Write 0xB2.
- Write Data 0
  - Return read: Sum of CRC(Header and Data) in partition 0, **except Partial Data(Config Partial/PMBus Partial)**
- Write Data not equal 0
  - Return result is sum of header CRC + data CRC
  - Write Data Format
    [0:7]: file system image type see Otp_File_System_Cmd_Types_t
    [8:15]: xvalent number 0-15
    [16:23]: reserved
    [24:31]: otp partition see Otp_Partition_Selector_t for details
    should be number between 0-17;



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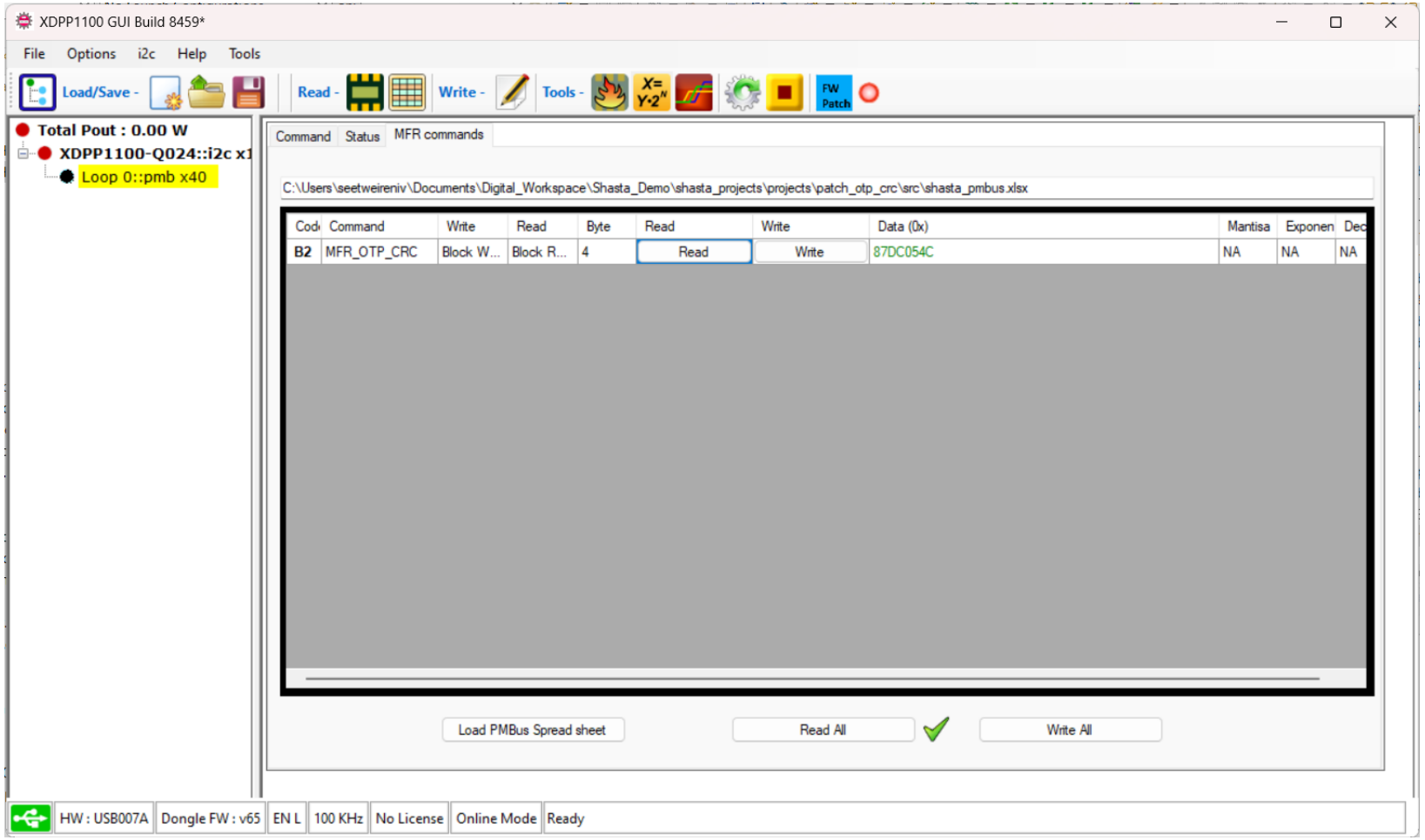
Read MFR Command 0xB2

- Click Read 0xB2 after Write to get the result.
- Note: The sum of CRC is round to 4bytes. The 5th bytes is not display for sum of CRC.



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