```
##############################################################
###

  Elliptic Curve Digital Signature Algorithm
     Curve: B-233
     Hash Algorithm: SHA-512/224

     Message to be signed: "Example of ECDSA with B-233"

##############################################################
###

  Signature Generation
    H:
E78C7F3D10AAE1733B4A056232232E2E3273C4E042B69F5B68AF830B

    E:
E78C7F3D10AAE1733B4A056232232E2E3273C4E042B69F5B68AF830B

    K:
8A65482917BA18F1E8B266A3795B0A3A09C439FA6B611E37123BAF72

    Kinv:
97589E4B9B7C0F0C1E58D2AC61E8297D83FE7D00172E64B7D0DF207DD9

    R_x:
186806715D9620F0A3E62C1BA593D9817B6DCB23DE85BF504C326629E63

    R_y:
17A9A5F0476B3CBC612CE37AE5722C0E56D392B4A5D1D91407C8AB4855B

    R:
86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C

    D:
8AF6D5A8E875977C7D4BA1F611CF7B6D70B26140BF84A1CC281F1B7B

    S:
B76D0E9B1D011FFE2C78FABA998FDA13FC1F15775D33B5EF8109D378D3

    Signature
        R:
86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C

        S:
```

B76D0E9B1D011FFE2C78FABA998FDA13FC1F15775D33B5EF8109D378D3

==========
==

  Signature Verification
    Q_x:
<1D3AD52D68F8383F582E2BA00F89CE1632211EDC24440C31798E0C8ED4
0>
    Q_y:
<6C3B96CC0E6BC59355A1294E22DBF1D4B9071C28DA1389B6DEBE0E7F43
>

    H:
<E78C7F3D10AAE1733B4A056232232E2E3273C4E042B69F5B68AF830B>

    E:
<E78C7F3D10AAE1733B4A056232232E2E3273C4E042B69F5B68AF830B>

    Sinv:
<5C77274D7C0A63D1650D243AD2C7BE40C8BF767B2B814FFB91B71D9A56
>

    U:
<6CCF61426F8720FB12F1EF9A97C772459066B62F6560235FD35336430D
>

    V:
<D41DADA07C16D24C452B12A99859C0DCD4DC7EEE9F0B107A1F8EAD6683
>

    Rprime.X:
<186806715D9620F0A3E62C1BA593D9817B6DCB23DE85BF504C326629E6
3>

    Rprime.Y:
<17A9A5F0476B3CBC612CE37AE5722C0E56D392B4A5D1D91407C8AB4855
B>

    Rprime:
<86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C
>

Verification Passed!