

<Question1>

Following ratings 1.2, it shows the value is -27V to 40V.

On Enlarged view(our customer's test condition), CANH was over 40V(over Absolute MAX) during 100ns.

The following 1.2 indicate continuous Absolute MAX value of CANH, CANL, SPLIT or is it included pulse condition as 100ns?

<Question2>

Following ratings 1.3, it shows the value is -150V to 100V.

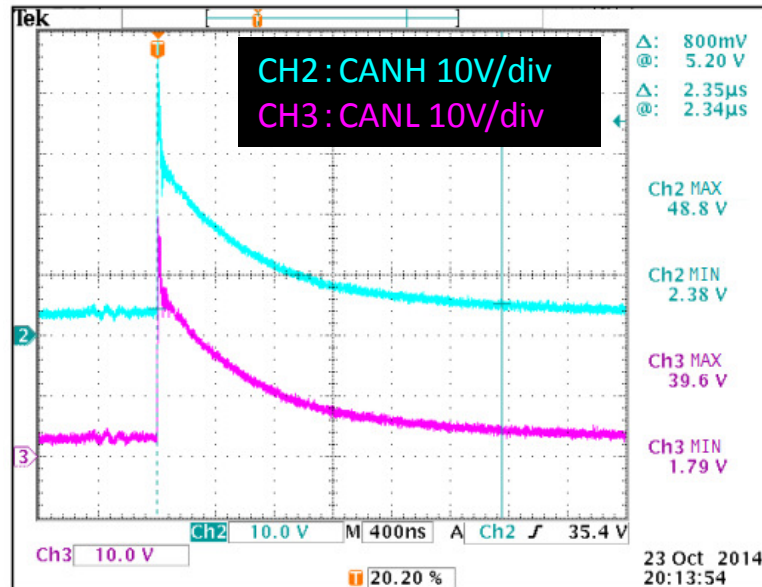
It is relation to VI, so is it regardless of Absolute MAX CANH, CANL?

Could you let us know these?

ABSOLUTE MAXIMUM RATINGS ⁽¹⁾⁽²⁾

| | | | |
|-----|-----------------|---|-----------------|
| 1.1 | V _{CC} | Supply voltage range | -0.3 V to 6 V |
| 1.2 | | Voltage range at bus terminals (CANH, CANL, SPLIT) | -27 V to 40 V |
| 1.3 | I _O | Receiver output current | 20 mA |
| 1.4 | V _I | Voltage input range, ISO 7637 transient pulse ⁽³⁾ (CANH, CANL) | -150 V to 100 V |
| 1.5 | V _I | Voltage input range (TXD, STB) | -0.3 V to 6 V |
| 1.6 | T _J | Junction temperature range | -40°C to 150°C |

<Overall view>



<Enlarged view>

